

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068534.D
 Acq On : 04 Mar 2021 19:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:11:13 AM

Quant Time: Mar 05 00:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	249490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	433480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	407057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125680	50.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.84%			
35) Dibromofluoromethane	7.914	113	135333	51.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.66%			
50) Toluene-d8	10.344	98	502379	48.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.60%			
62) 4-Bromofluorobenzene	12.632	95	168515	50.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.54%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	111422	46.02	ug/l	98
3) Chloromethane	2.209	50	145941	47.70	ug/l	95
4) Vinyl Chloride	2.350	62	165580	45.57	ug/l	97
5) Bromomethane	2.768	94	123082	47.58	ug/l	97
6) Chloroethane	2.921	64	114667	48.81	ug/l	100
7) Trichlorofluoromethane	3.274	101	224456	54.16	ug/l	100
8) Diethyl Ether	3.715	74	72629	58.86	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	139623	55.29	ug/l	95
10) Methyl Iodide	4.303	142	150415	49.83	ug/l	96
11) Tert butyl alcohol	5.215	59	37181	279.36	ug/l #	88
12) 1,1-Dichloroethene	4.073	96	138237	55.17	ug/l	98
13) Acrolein	3.926	56	51776	272.19	ug/l	97
14) Allyl chloride	4.715	41	170174	52.60	ug/l	97
15) Acrylonitrile	5.426	53	146071	280.47	ug/l	98
16) Acetone	4.156	43	102649	259.25	ug/l	91
17) Carbon Disulfide	4.415	76	437468	53.29	ug/l	100
18) Methyl Acetate	4.721	43	61119	59.89	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	286123	52.67	ug/l	98
20) Methylene Chloride	4.968	84	184113	63.28	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	148549	49.66	ug/l	94
22) Diisopropyl ether	6.367	45	350845	49.25	ug/l	93
23) Vinyl Acetate	6.309	43	938685	253.96	ug/l	99
24) 1,1-Dichloroethane	6.267	63	243684	49.90	ug/l	99
25) 2-Butanone	7.214	43	142234	249.90	ug/l	100
26) 2,2-Dichloropropane	7.209	77	190102	46.73	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	162490	49.47	ug/l	96
28) Bromochloromethane	7.544	49	97527	51.17	ug/l	84
29) Tetrahydrofuran	7.562	42	92431	250.09	ug/l	99
30) Chloroform	7.709	83	269071	52.18	ug/l	97
31) Cyclohexane	7.985	56	193360	42.65	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	218924	49.74	ug/l	97
36) 1,1-Dichloropropene	8.114	75	191494	46.47	ug/l	99
37) Ethyl Acetate	7.297	43	67977	49.72	ug/l	95
38) Carbon Tetrachloride	8.103	117	188320	48.64	ug/l	97
39) Methylcyclohexane	9.356	83	232658	45.78	ug/l	95
40) Benzene	8.350	78	582599	49.29	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068534.D
 Acq On : 04 Mar 2021 19:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:11:13 AM

Quant Time: Mar 05 00:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	38634	48.68	ug/l #	89
42) 1,2-Dichloroethane	8.426	62	156601	50.39	ug/l	100
43) Isopropyl Acetate	8.450	43	131976	52.52	ug/l	99
44) Trichloroethene	9.114	130	163861	50.51	ug/l	99
45) 1,2-Dichloropropane	9.391	63	142747	50.52	ug/l	96
46) Dibromomethane	9.479	93	80473	52.35	ug/l	96
47) Bromodichloromethane	9.667	83	213308	53.65	ug/l	99
48) Methyl methacrylate	9.456	41	63163	47.16	ug/l	86
49) 1,4-Dioxane	9.467	88	18351	1046.83	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	344521	262.03	ug/l	100
52) Toluene	10.403	92	377432	50.01	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	191404	52.08	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	222849	49.70	ug/l	96
55) 1,1,2-Trichloroethane	10.803	97	114638	53.89	ug/l	96
56) Ethyl methacrylate	10.661	69	129334	52.89	ug/l	96
57) 1,3-Dichloropropane	10.950	76	191090	51.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	317592	258.90	ug/l	95
59) 2-Hexanone	10.985	43	230694	263.23	ug/l	99
60) Dibromochloromethane	11.144	129	143706	54.57	ug/l	98
61) 1,2-Dibromoethane	11.244	107	110628	53.14	ug/l	99
64) Tetrachloroethene	10.879	164	131805	49.59	ug/l	93
65) Chlorobenzene	11.667	112	412784	49.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	151729	52.65	ug/l	99
67) Ethyl Benzene	11.744	91	728625	49.24	ug/l	100
68) m/p-Xylenes	11.855	106	563102	100.20	ug/l	99
69) o-Xylene	12.179	106	262051	50.63	ug/l	95
70) Styrene	12.197	104	464002	52.42	ug/l	98
71) Bromoform	12.361	173	81108	55.41	ug/l #	97
73) Isopropylbenzene	12.479	105	696770	45.92	ug/l	100
74) N-amyl acetate	12.291	43	128869	49.85	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	123800	47.42	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	87467m	48.16	ug/l	
77) Bromobenzene	12.761	156	168379	48.63	ug/l	95
78) n-propylbenzene	12.820	91	833842	45.99	ug/l	97
79) 2-Chlorotoluene	12.908	91	465929	46.30	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	585908	47.11	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	37408	48.06	ug/l	96
82) 4-Chlorotoluene	13.002	91	493968	46.65	ug/l	99
83) tert-Butylbenzene	13.220	119	497362	46.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	598957	48.09	ug/l	98
85) sec-Butylbenzene	13.402	105	689332	46.09	ug/l	99
86) p-Isopropyltoluene	13.514	119	642331	47.31	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	326847	48.87	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	323848	48.88	ug/l	99
89) n-Butylbenzene	13.844	91	593384	45.31	ug/l	98
90) Hexachloroethane	14.108	117	141827	52.56	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	287946	50.20	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21502	46.73	ug/l	97
93) 1,2,4-Trichlorobenzene	15.161	180	221403	49.97	ug/l	99
94) Hexachlorobutadiene	15.267	225	118368	48.13	ug/l	99
95) Naphthalene	15.396	128	403975	50.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	190840	49.75	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068534.D
 Acq On : 04 Mar 2021 19:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

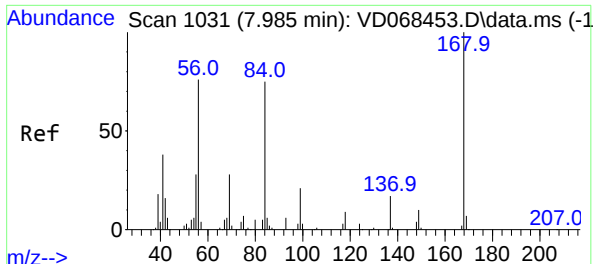
Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:11:13 AM

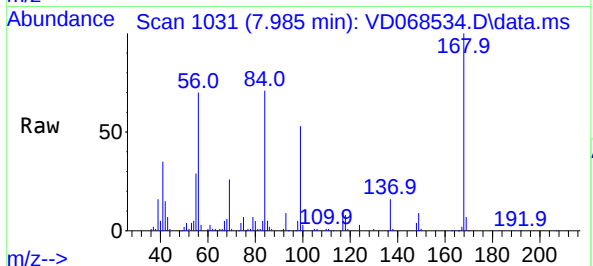
Quant Time: Mar 05 00:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

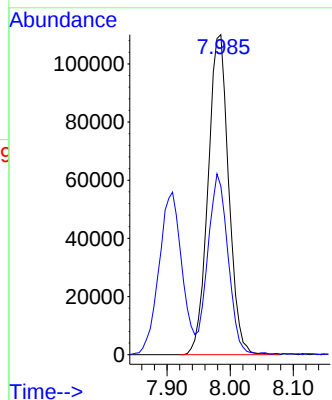
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



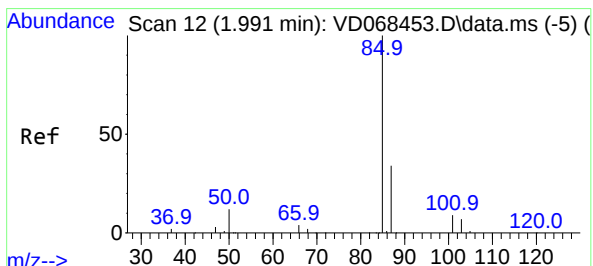
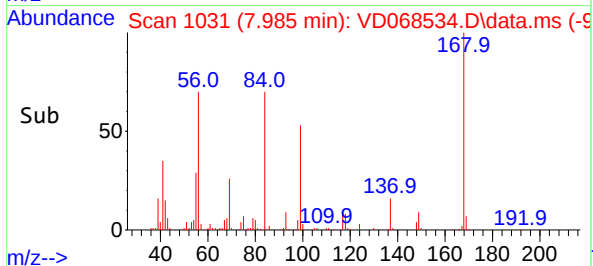
Tgt Ion: 168 Resp: 249490
Ion Ratio Lower Upper
168 100
99 52.4 43.5 65.3



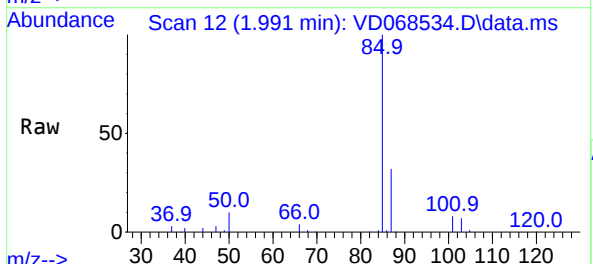
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

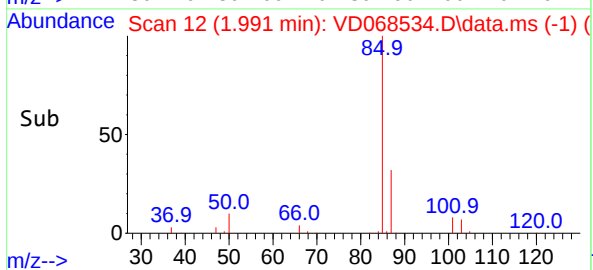
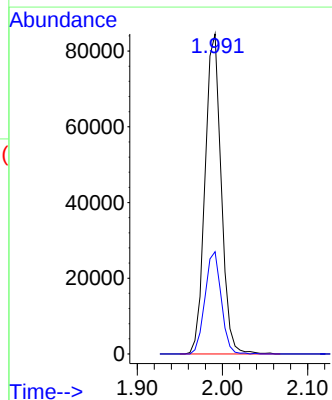
MMDadoda
3/5/2021 10:11:13 AM



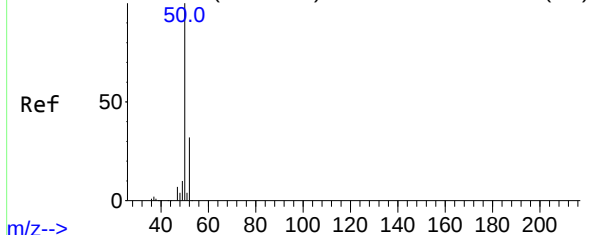
Dichlorodifluoromethane
Concen: 46.02 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 85 Resp: 111422
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1

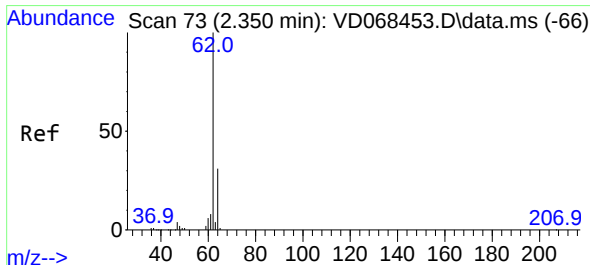
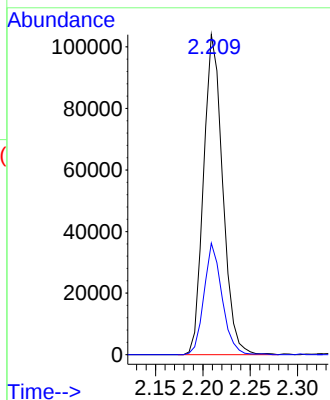
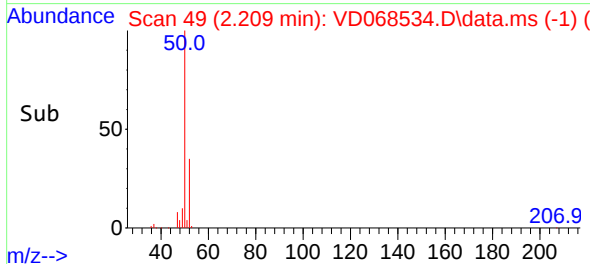
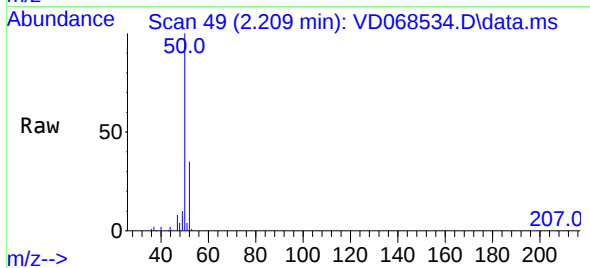


Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



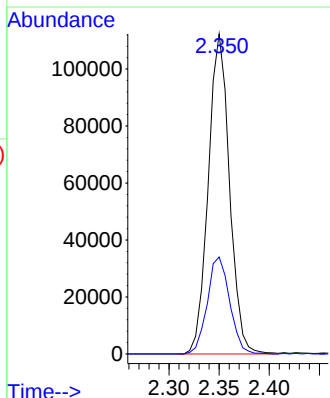
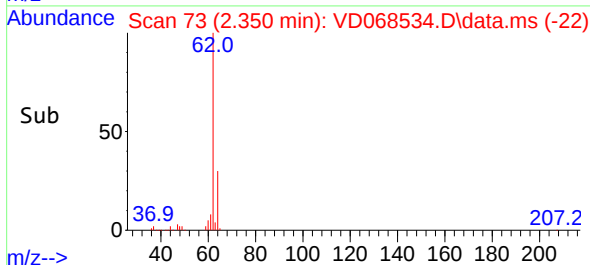
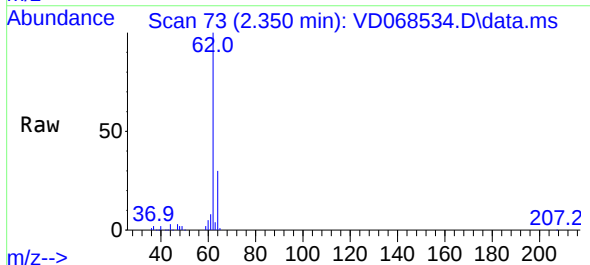
#3
Chloromethane
Concen: 47.70 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 50 Resp: 145941
Ion Ratio Lower Upper
50 100
52 34.8 25.4 38.2



#4
Vinyl Chloride
Concen: 45.57 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

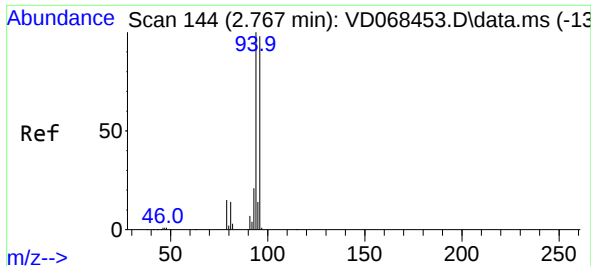
Tgt Ion: 62 Resp: 165580
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



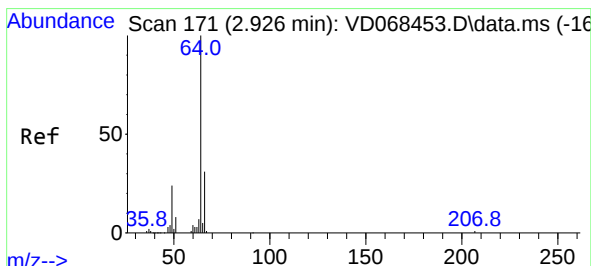
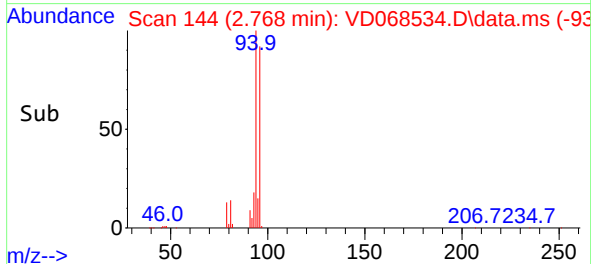
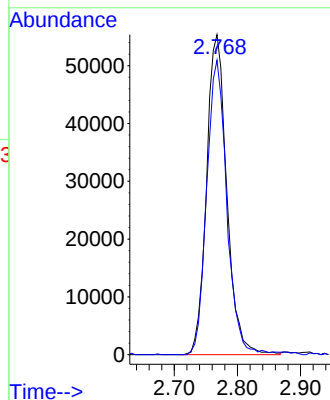
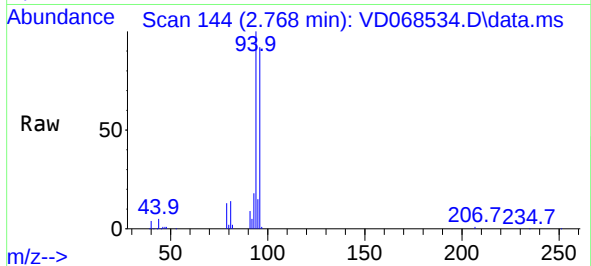
#5
Bromomethane
Concen: 47.58 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 94 Resp: 123082
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

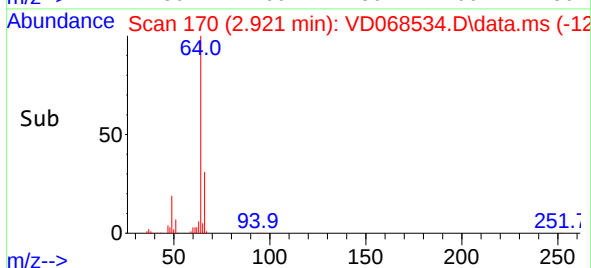
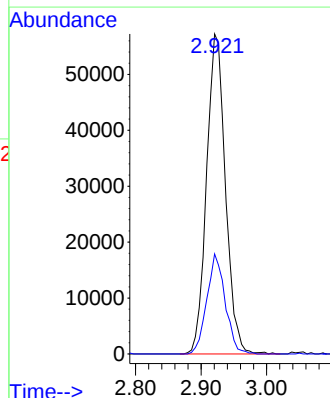
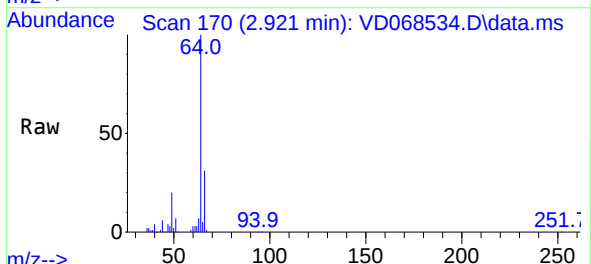
Manual Integrations
APPROVED

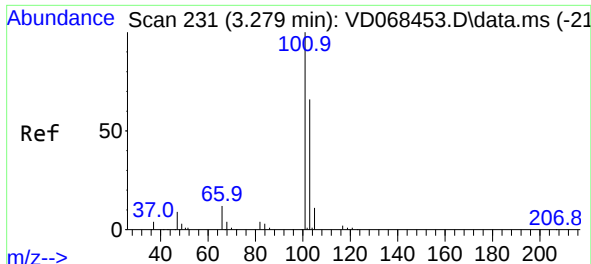
MMDadoda
3/5/2021 10:11:13 AM



#6
Chloroethane
Concen: 48.81 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 64 Resp: 114667
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





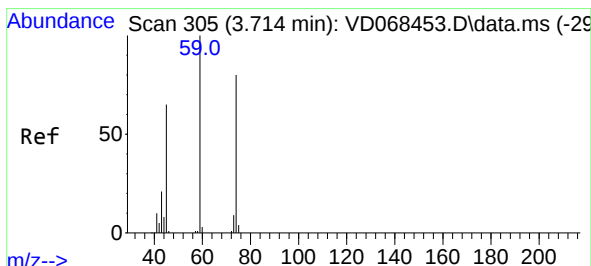
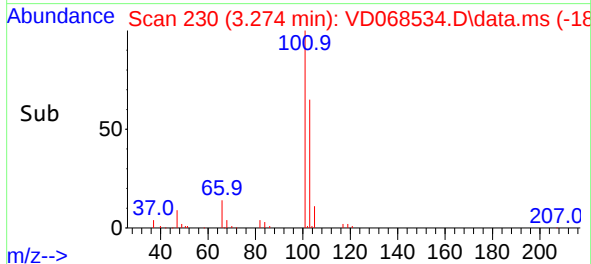
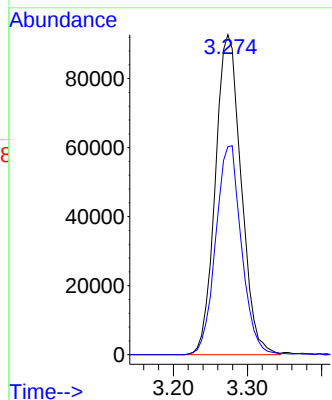
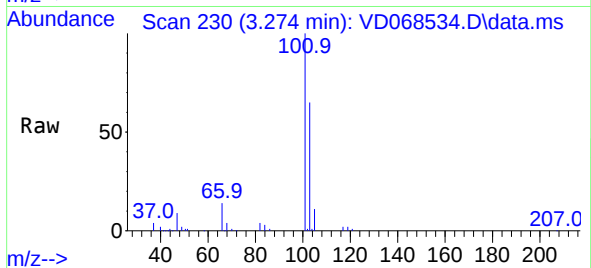
#7
Trichlorofluoromethane
Concen: 54.16 ug/l
RT: 3.274 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:101 Resp: 224456
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

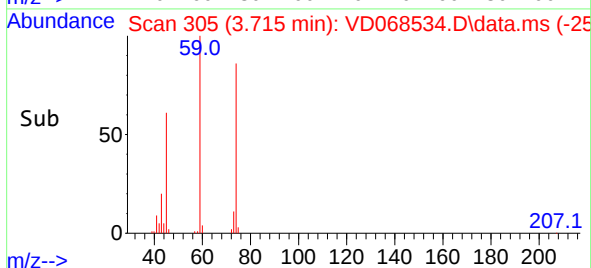
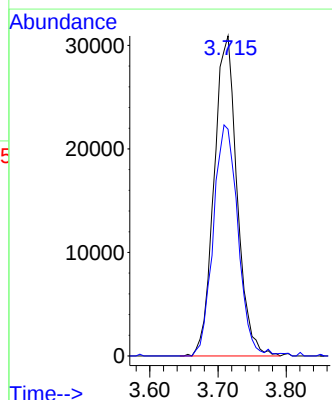
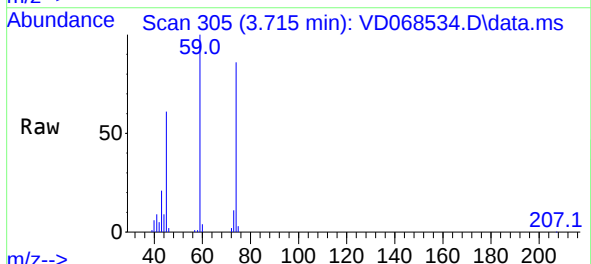
Manual Integrations
APPROVED

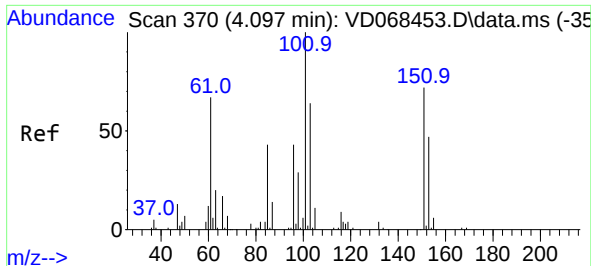
MMDadoda
3/5/2021 10:11:13 AM



#8
Diethyl Ether
Concen: 58.86 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 74 Resp: 72629
Ion Ratio Lower Upper
74 100
45 77.0 42.1 126.4





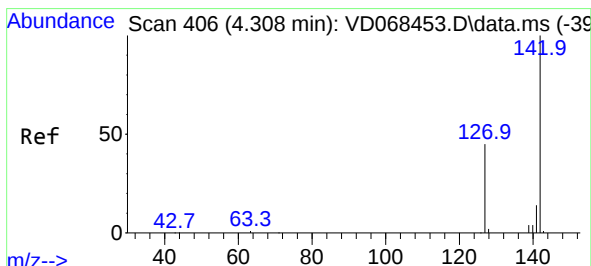
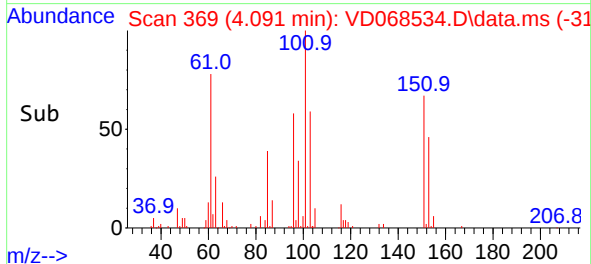
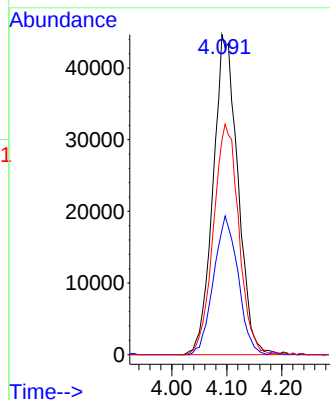
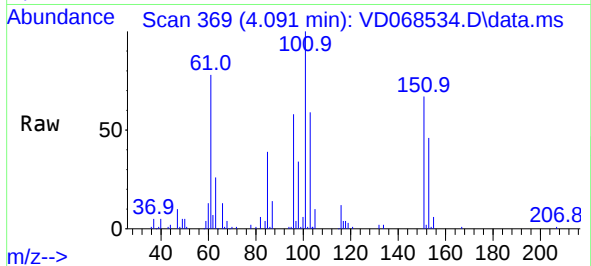
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.29 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:	101	Resp:	139623
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.0	51.0
151	74.0	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

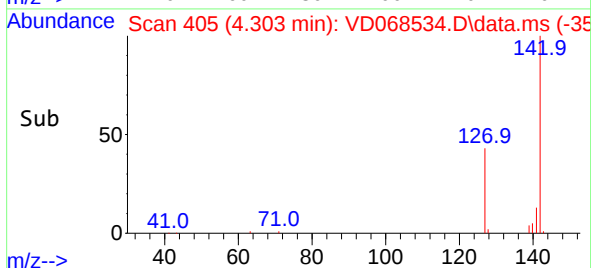
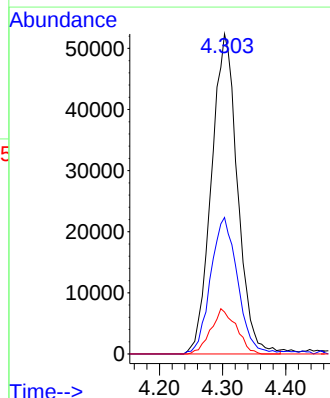
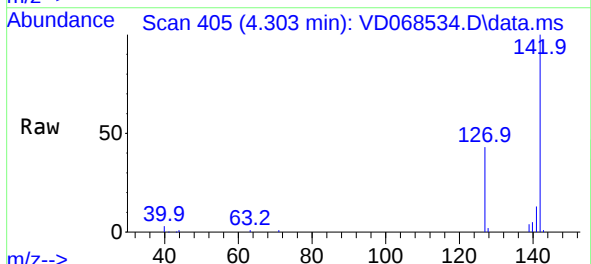
Manual Integrations
APPROVED

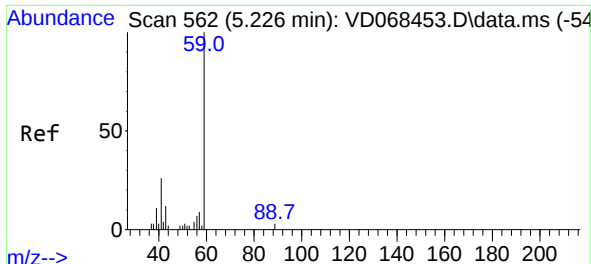
MMDadoda
3/5/2021 10:11:13 AM



#10
Methyl Iodide
Concen: 49.83 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:	142	Resp:	150415
Ion	Ratio	Lower	Upper
142	100		
127	44.0	37.9	56.9
141	13.8	11.5	17.3





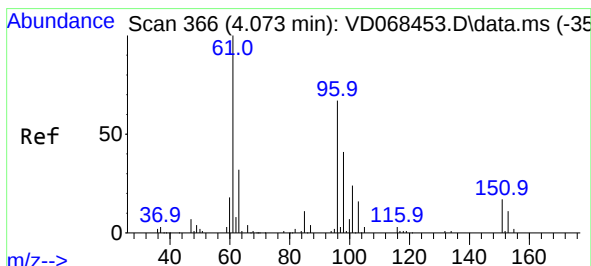
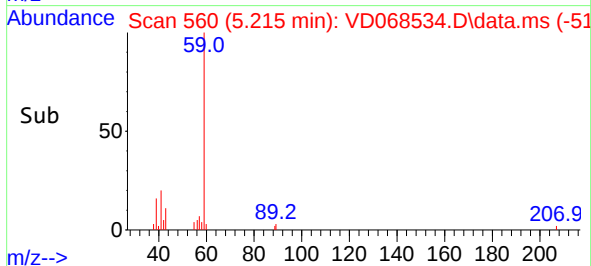
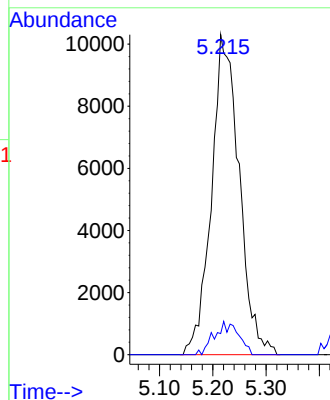
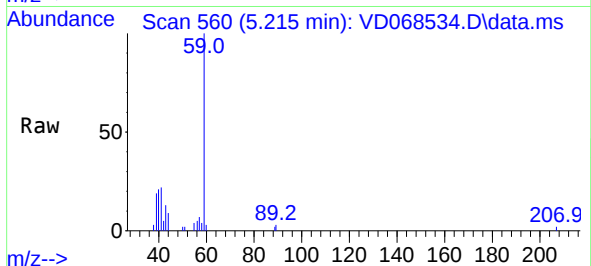
#11
Tert butyl alcohol
Concen: 279.36 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 59 Resp: 37181
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

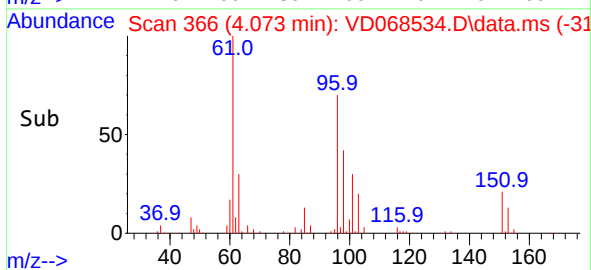
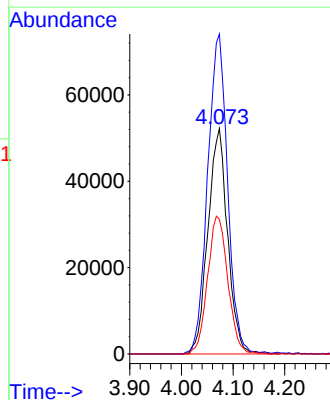
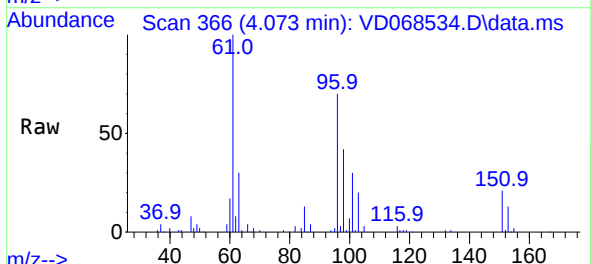
Manual Integrations
APPROVED

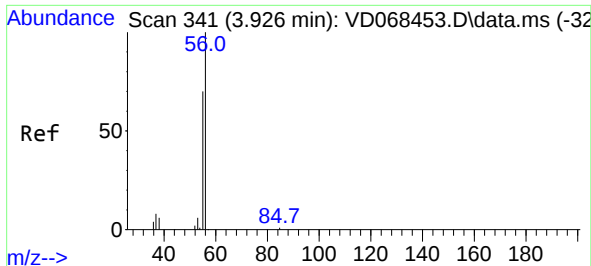
MMDadoda
3/5/2021 10:11:13 AM



#12
1,1-Dichloroethene
Concen: 55.17 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 96 Resp: 138237
Ion Ratio Lower Upper
96 100
61 142.0 116.2 174.4
98 59.7 48.6 73.0





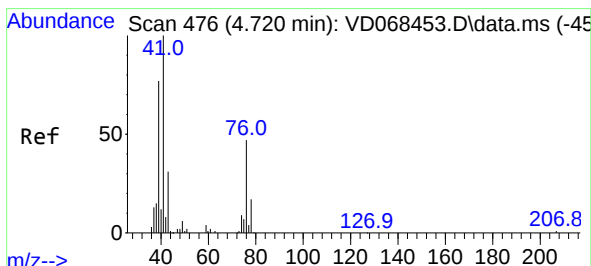
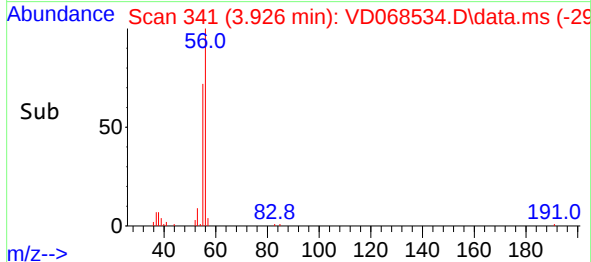
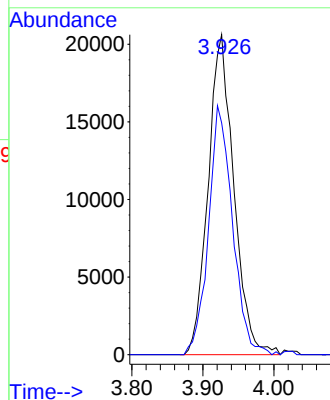
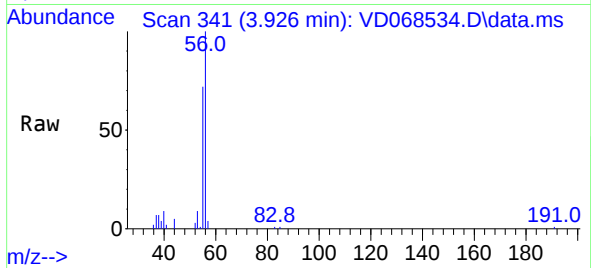
#13
Acrolein
Concen: 272.19 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 56 Resp: 51776
Ion Ratio Lower Upper
56 100
55 72.7 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

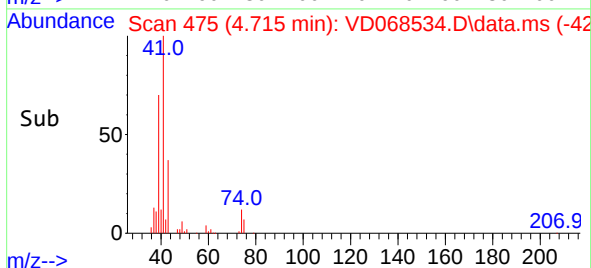
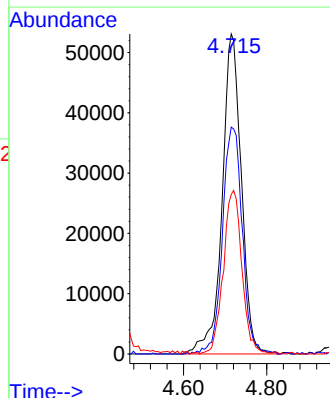
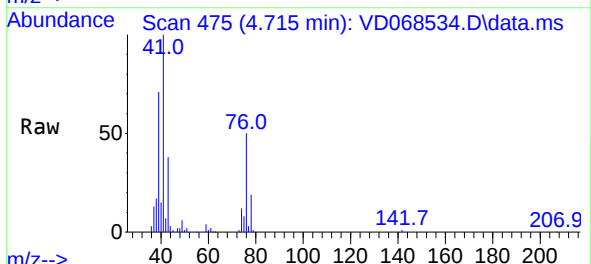
Manual Integrations
APPROVED

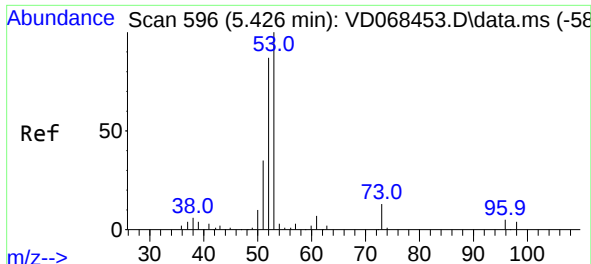
MMDadoda
3/5/2021 10:11:13 AM



#14
Allyl chloride
Concen: 52.60 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

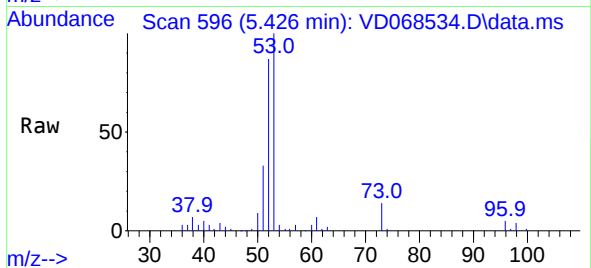
Tgt Ion: 41 Resp: 170174
Ion Ratio Lower Upper
41 100
39 73.2 56.3 84.5
76 49.5 38.9 58.3





#15
Acrylonitrile
Concen: 280.47 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

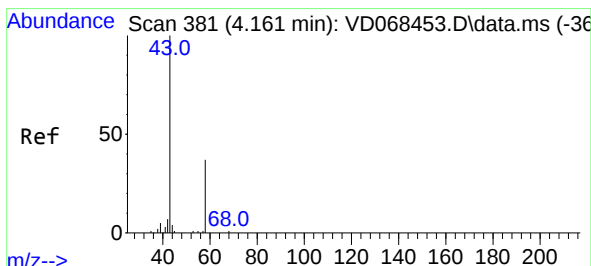
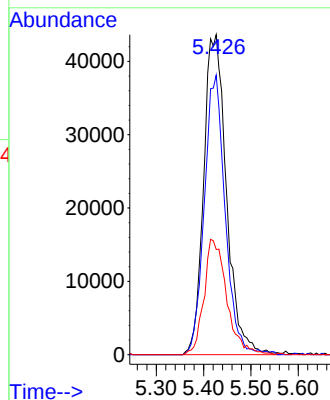
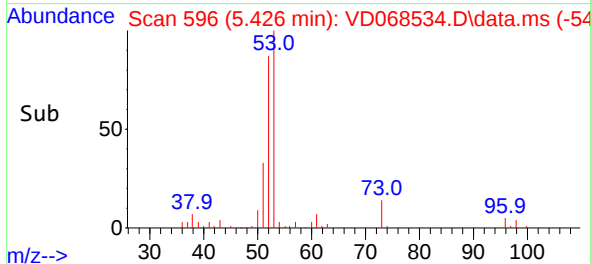
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



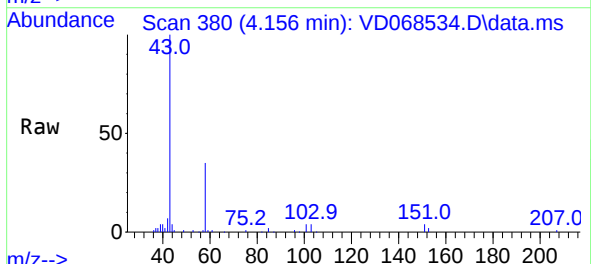
Tgt Ion: 53 Resp: 146071
Ion Ratio Lower Upper
53 100
52 80.1 66.2 99.2
51 36.0 29.0 43.4

Manual Integrations
APPROVED

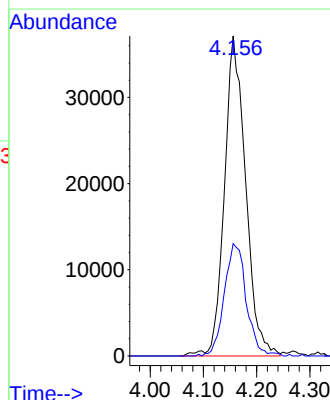
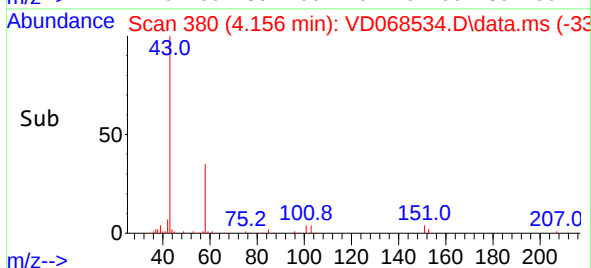
MMDadoda
3/5/2021 10:11:13 AM

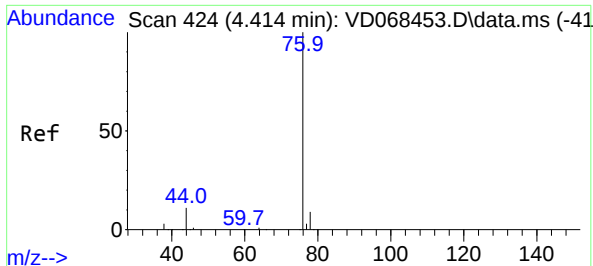


#16
Acetone
Concen: 259.25 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 43 Resp: 102649
Ion Ratio Lower Upper
43 100
58 35.1 24.2 36.4





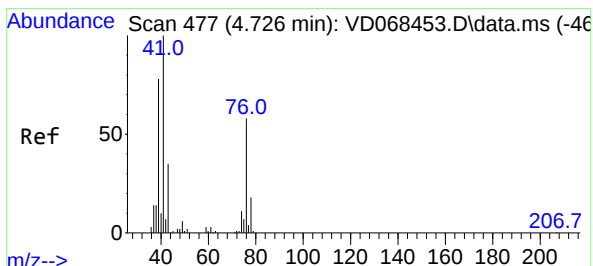
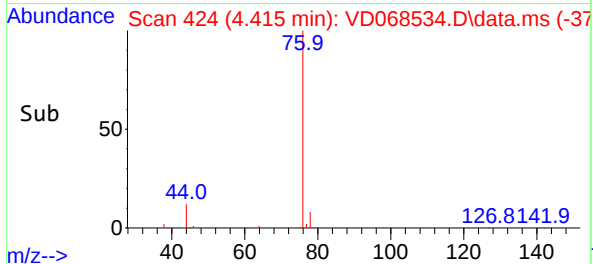
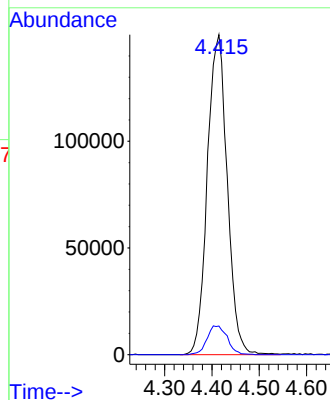
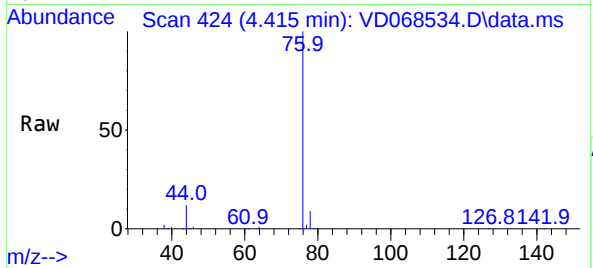
#17
Carbon Disulfide
Concen: 53.29 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 76 Resp: 437468
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

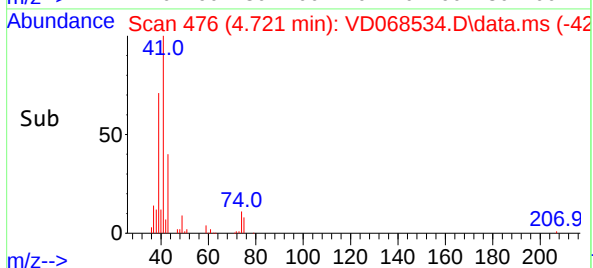
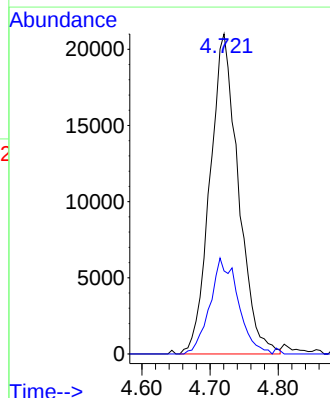
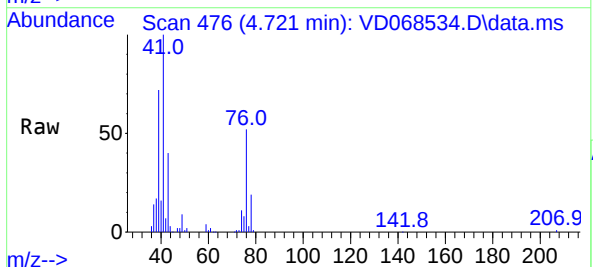
Manual Integrations
APPROVED

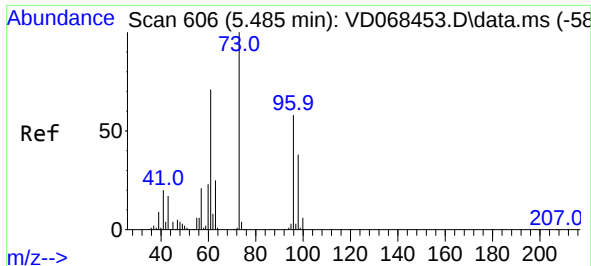
MMDadoda
3/5/2021 10:11:13 AM



#18
Methyl Acetate
Concen: 59.89 ug/l
RT: 4.721 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 61119
Ion Ratio Lower Upper
43 100
74 29.7 25.4 38.0





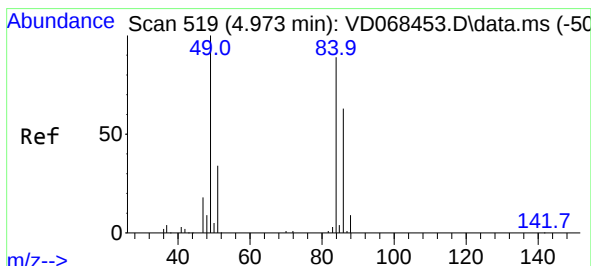
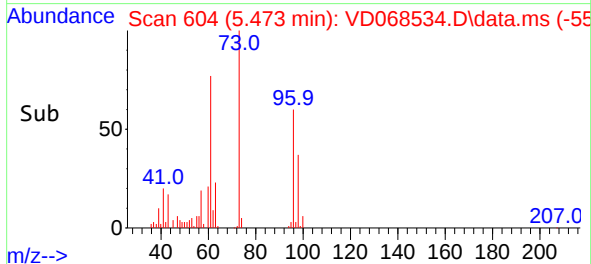
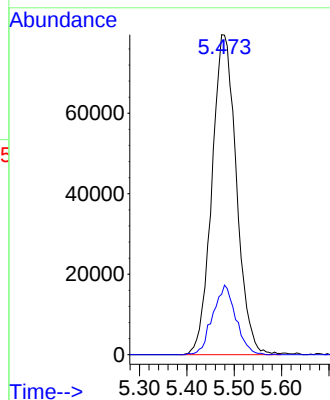
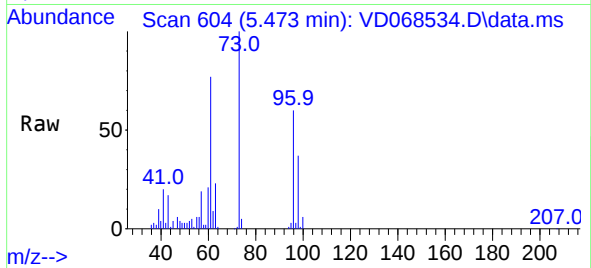
#19
Methyl tert-butyl Ether
Concen: 52.67 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 73 Resp: 286123
Ion Ratio Lower Upper
73 100
57 18.9 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

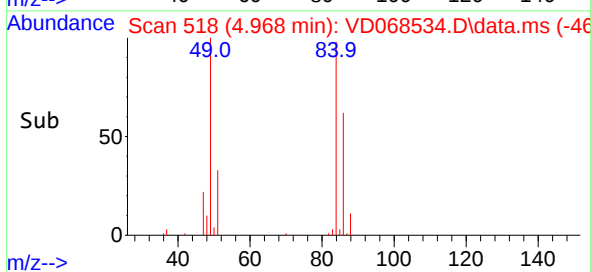
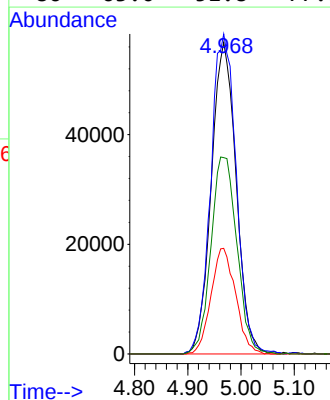
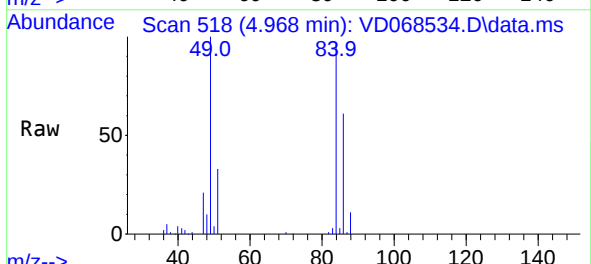
Manual Integrations
APPROVED

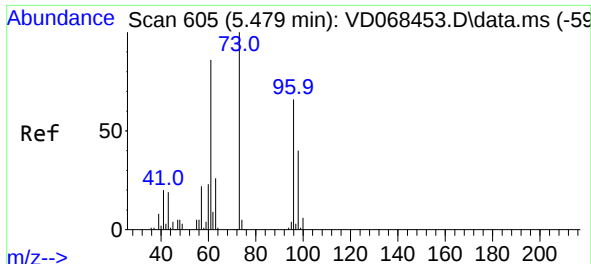
MMDadoda
3/5/2021 10:11:13 AM



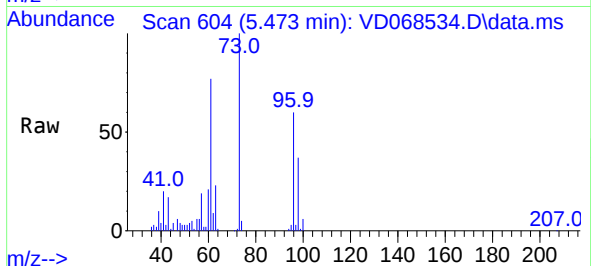
#20
Methylene Chloride
Concen: 63.28 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 84 Resp: 184113
Ion Ratio Lower Upper
84 100
49 102.7 77.4 116.2
51 33.9 26.1 39.1
86 63.0 51.8 77.8

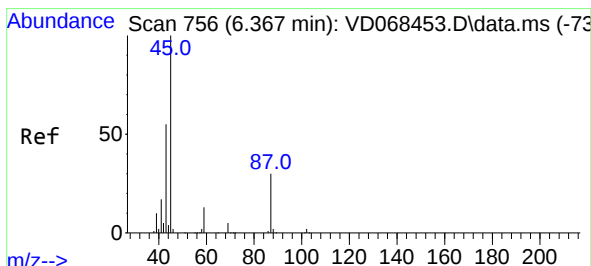
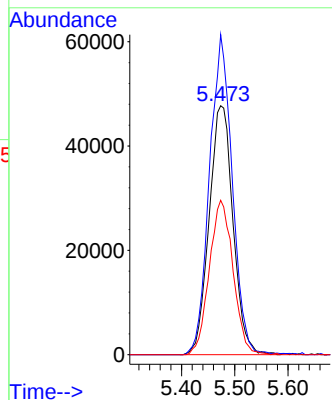
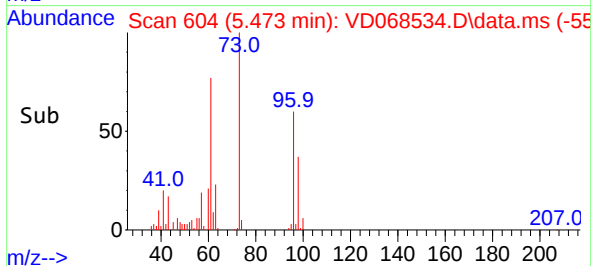




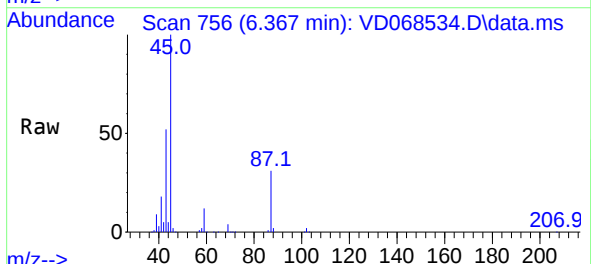
#21
trans-1,2-Dichloroethene
Concen: 49.66 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



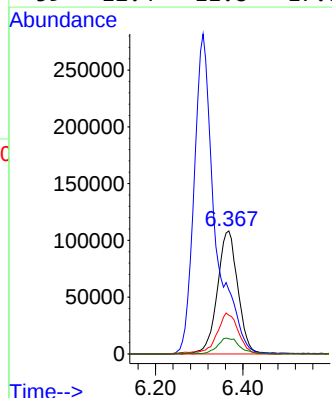
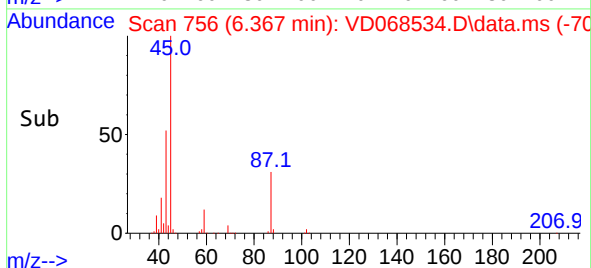
Tgt Ion: 96 Resp: 148549
Ion Ratio Lower Upper
96 100
61 128.5 96.7 145.1
98 62.0 47.6 71.4



#22
Diisopropyl ether
Concen: 49.25 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



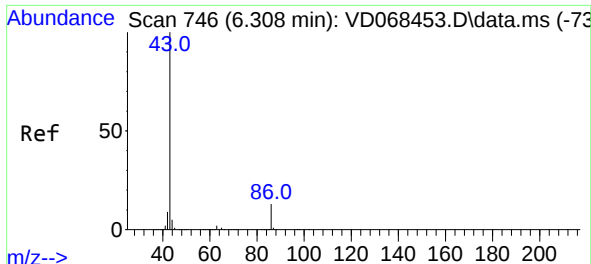
Tgt Ion: 45 Resp: 350845
Ion Ratio Lower Upper
45 100
43 51.3 43.9 65.9
87 31.5 29.9 44.9
59 12.4 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



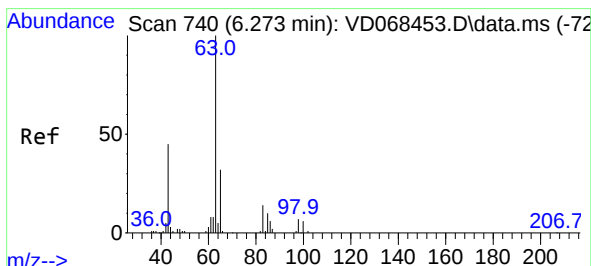
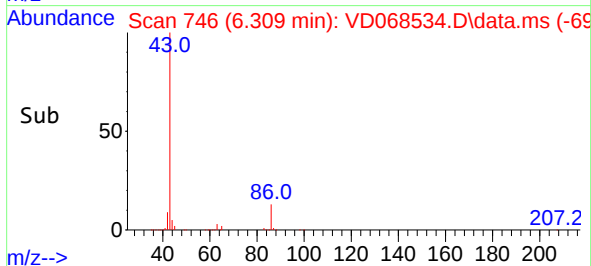
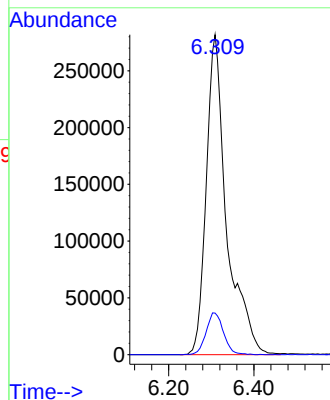
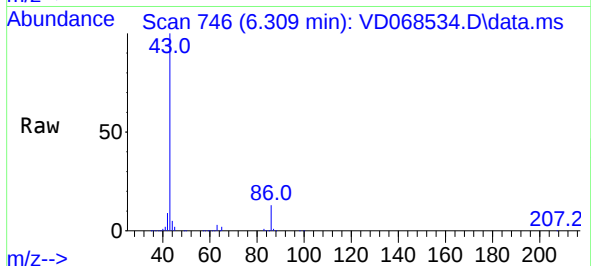
#23
 Vinyl Acetate
 Concen: 253.96 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068534.D
 Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 938685
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

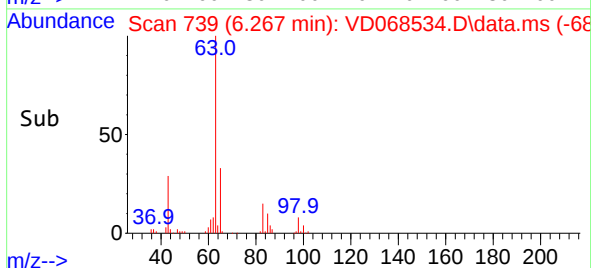
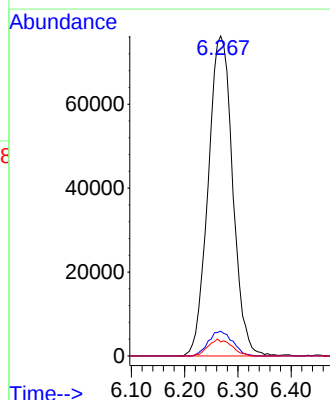
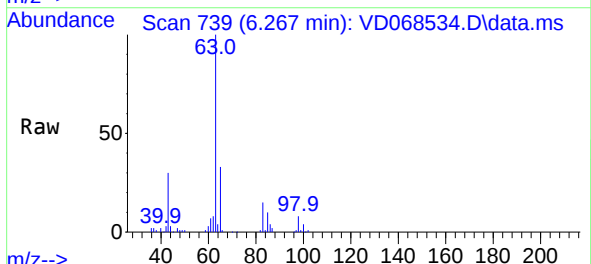
Manual Integrations
 APPROVED

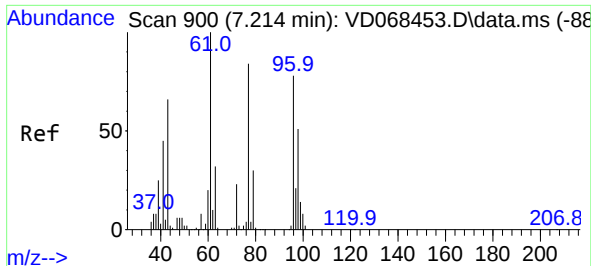
MMDadoda
 3/5/2021 10:11:13 AM



#24
 1,1-Dichloroethane
 Concen: 49.90 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068534.D
 Acq: 04 Mar 2021 19:21

Tgt Ion: 63 Resp: 243684
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.4 2.6 8.0





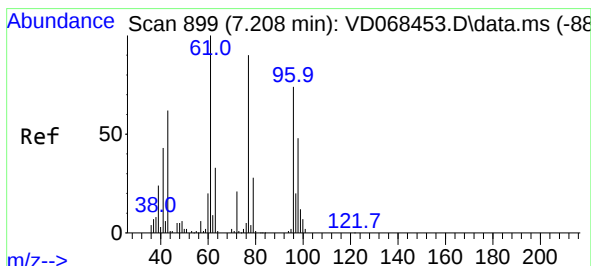
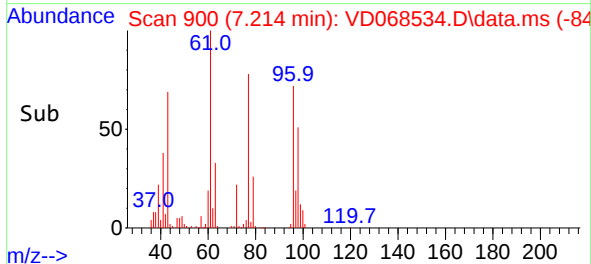
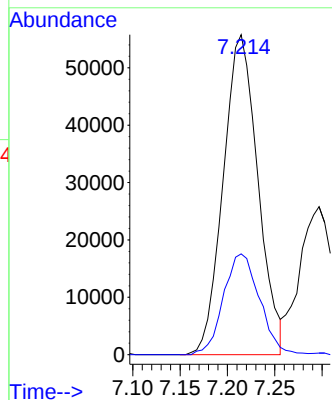
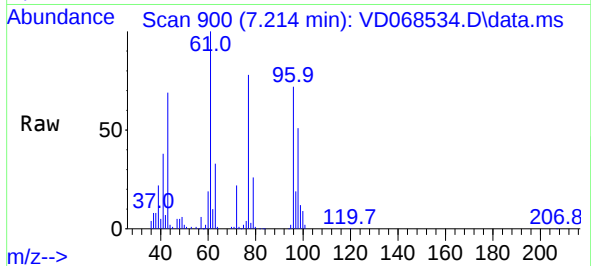
#25
2-Butanone
Concen: 249.90 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 142234
Ion Ratio Lower Upper
43 100
72 31.5 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

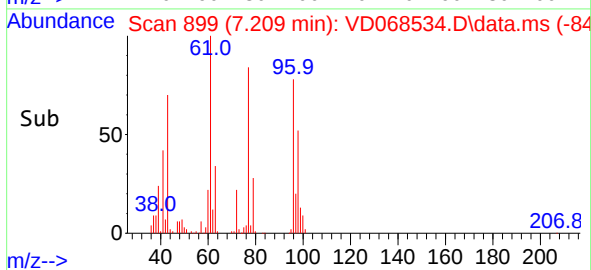
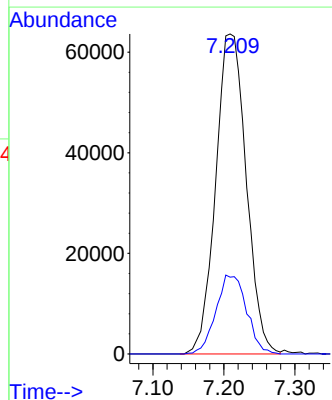
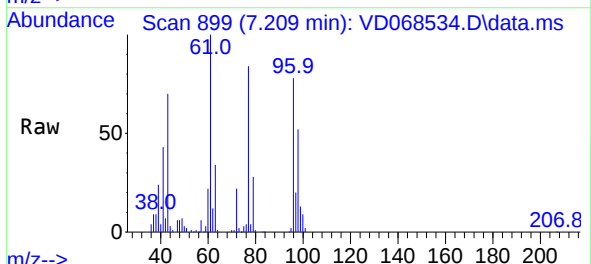
Manual Integrations
APPROVED

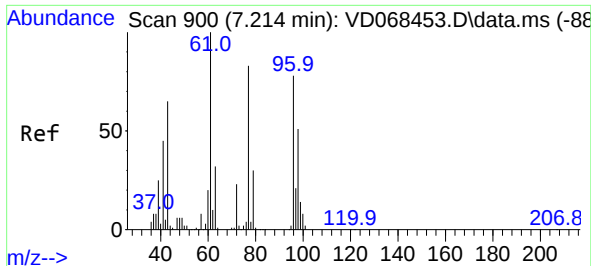
MMDadoda
3/5/2021 10:11:13 AM



#26
2,2-Dichloropropane
Concen: 46.73 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

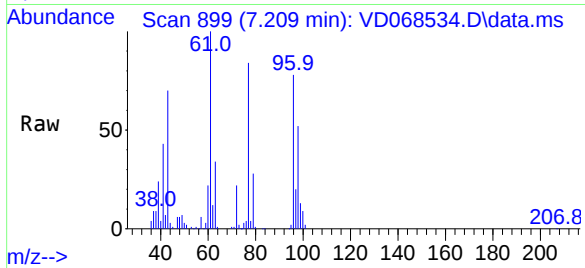
Tgt Ion: 77 Resp: 190102
Ion Ratio Lower Upper
77 100
97 24.7 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 49.47 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

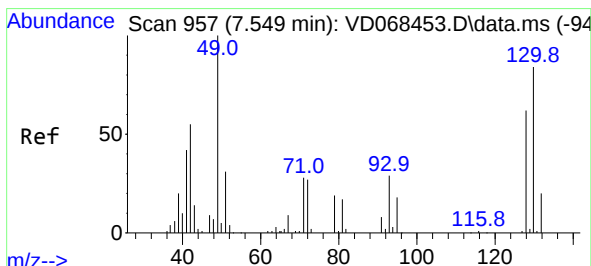
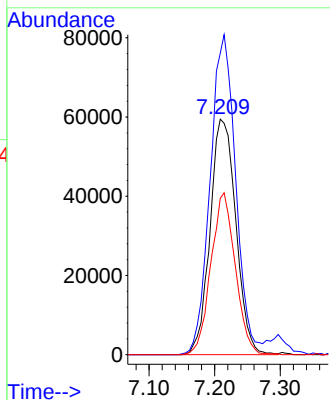
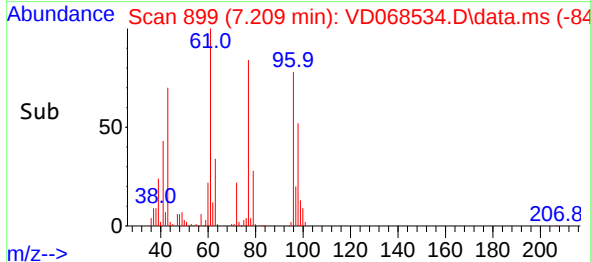
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



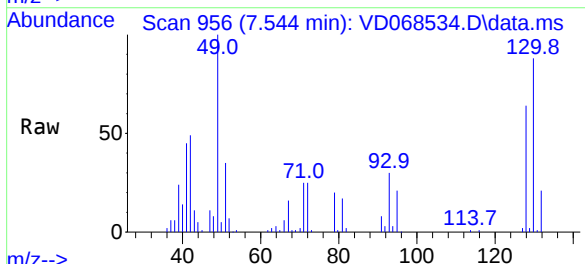
Tgt Ion: 96 Resp: 162490
Ion Ratio Lower Upper
96 100
61 134.5 0.0 257.4
98 65.0 0.0 126.6

Manual Integrations
APPROVED

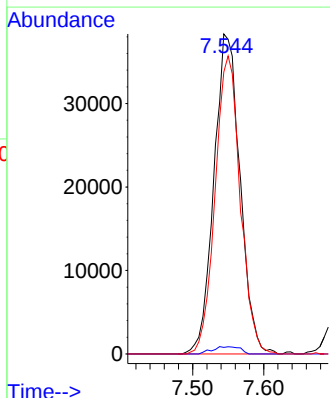
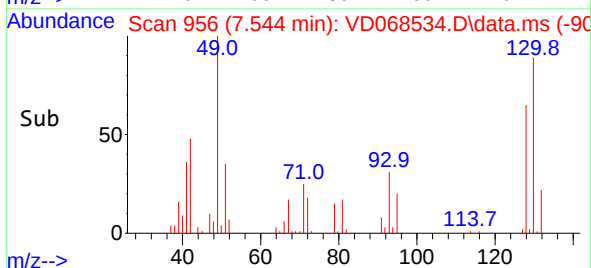
MMDadoda
3/5/2021 10:11:13 AM

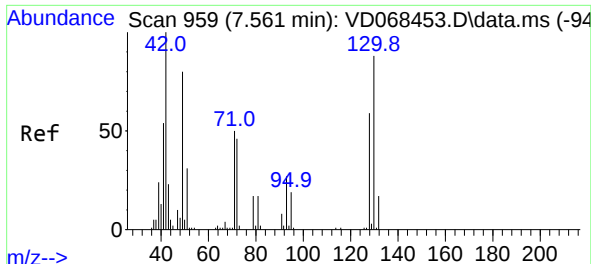


#28
Bromochloromethane
Concen: 51.17 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 49 Resp: 97527
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 89.6 85.5 128.3





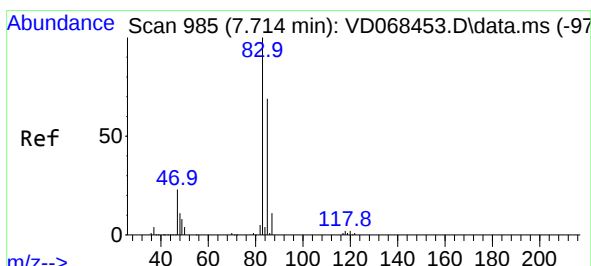
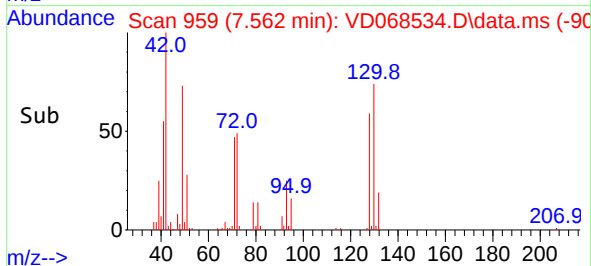
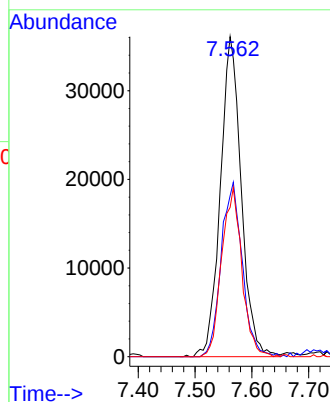
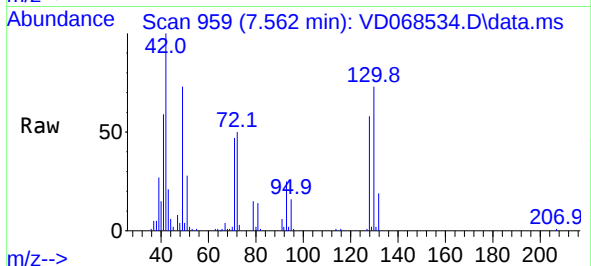
#29
Tetrahydrofuran
Concen: 250.09 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:	42	Resp:	92431
Ion	Ratio	Lower	Upper
42	100		
72	55.1	43.4	65.0
71	51.1	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

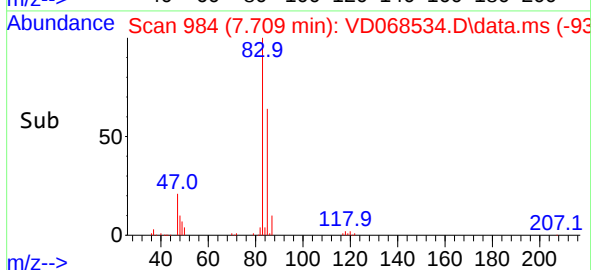
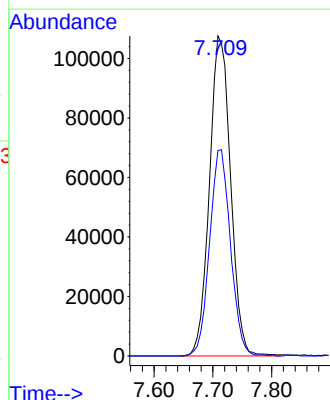
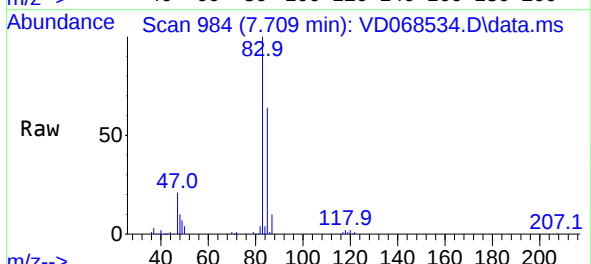
Manual Integrations
APPROVED

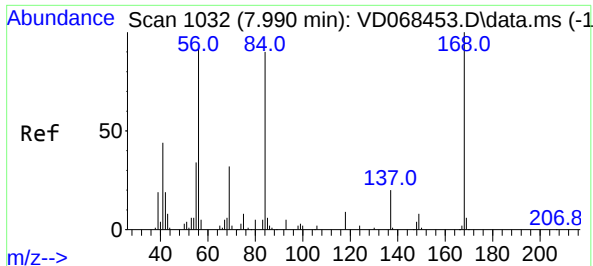
MMDadoda
3/5/2021 10:11:13 AM



#30
Chloroform
Concen: 52.18 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

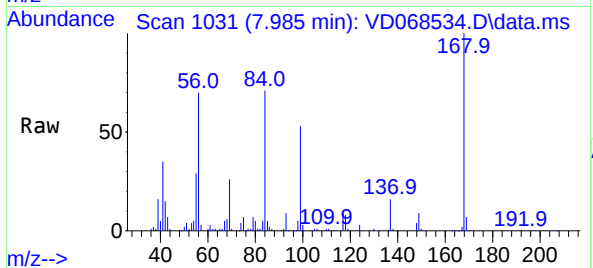
Tgt Ion:	83	Resp:	269071
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.4	80.0





#31
Cyclohexane
Concen: 42.65 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

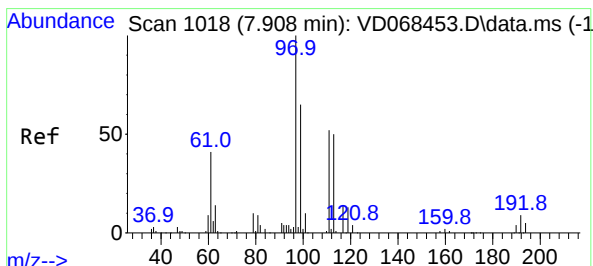
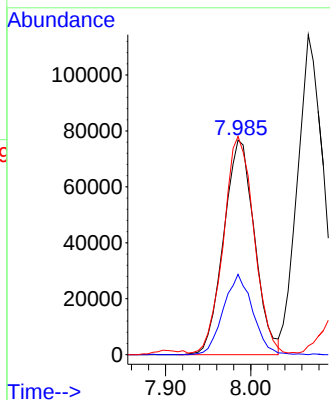
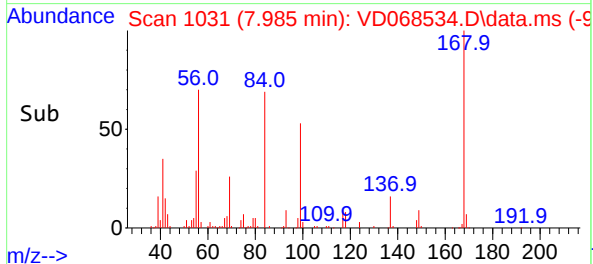
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



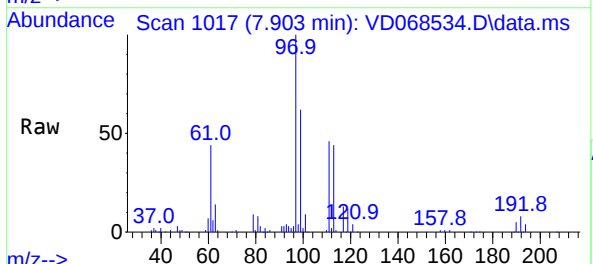
Tgt Ion: 56 Resp: 193360
Ion Ratio Lower Upper
56 100
69 37.5 30.1 45.1
84 100.4 82.1 123.1

Manual Integrations
APPROVED

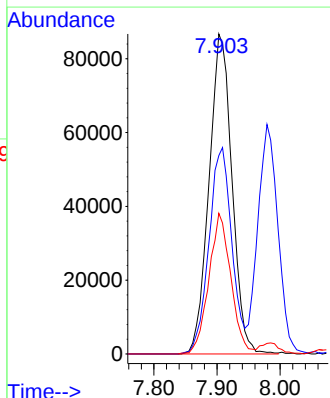
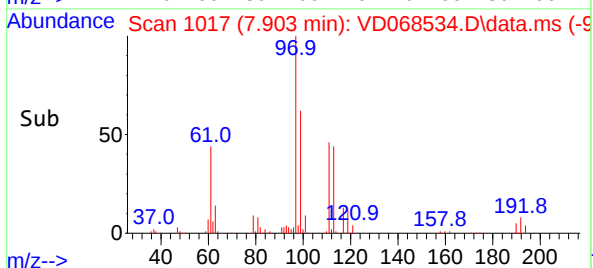
MMDadoda
3/5/2021 10:11:13 AM

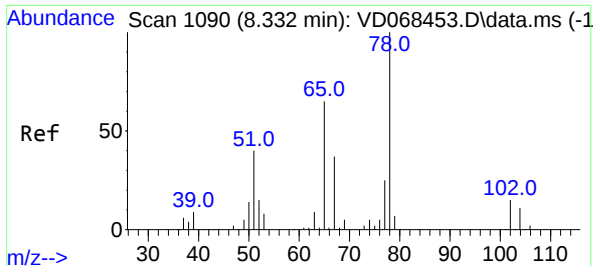


#32
1,1,1-Trichloroethane
Concen: 49.74 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 97 Resp: 218924
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 42.2 30.1 45.1





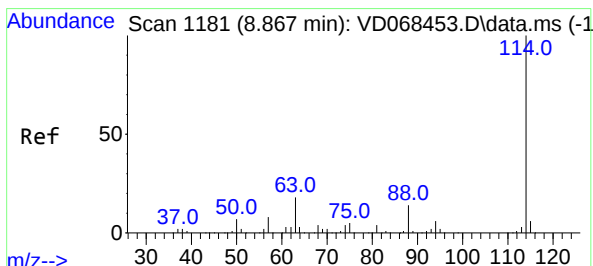
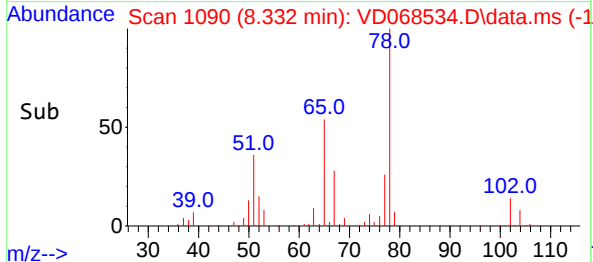
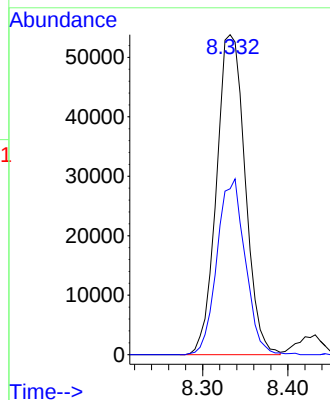
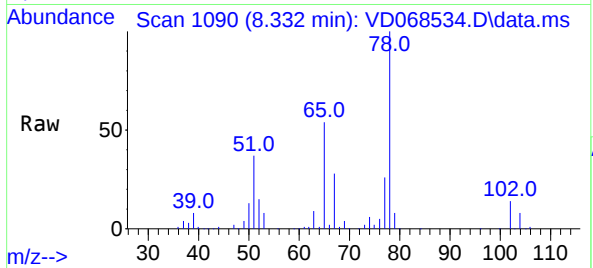
#33
1,2-Dichloroethane-d4
Concen: 50.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 125680
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

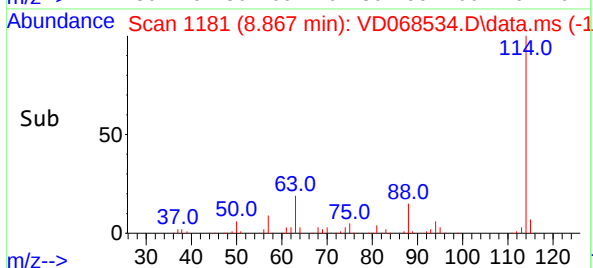
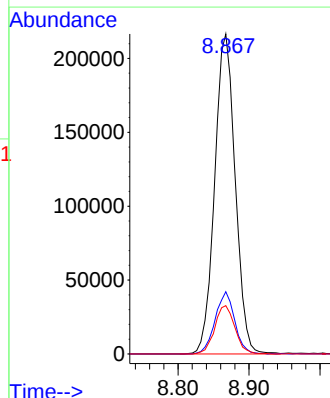
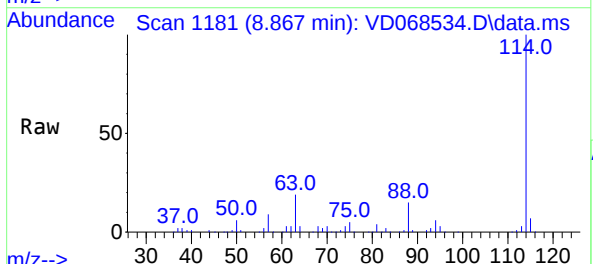
Manual Integrations
APPROVED

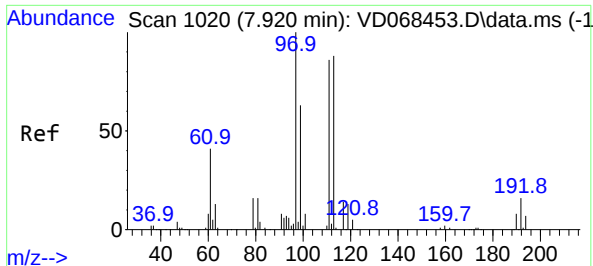
MMDadoda
3/5/2021 10:11:13 AM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 114 Resp: 433480
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.1 0.0 31.6





#35

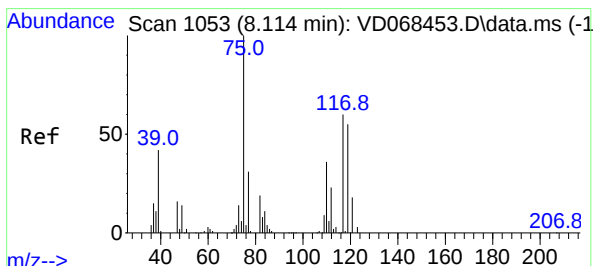
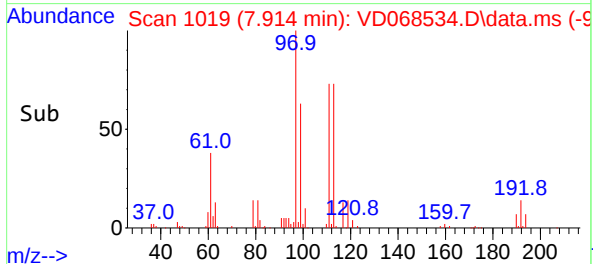
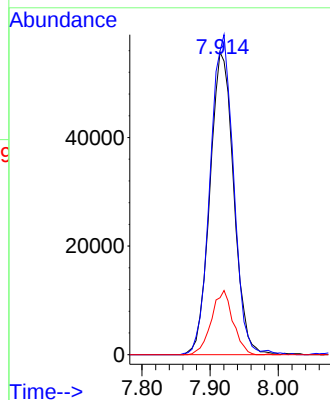
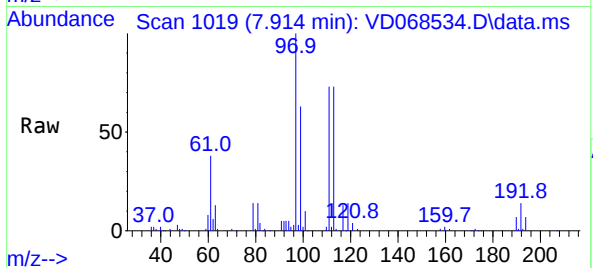
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 113 Resp: 135333
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 19.2 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

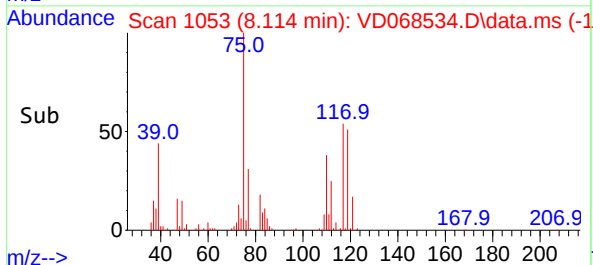
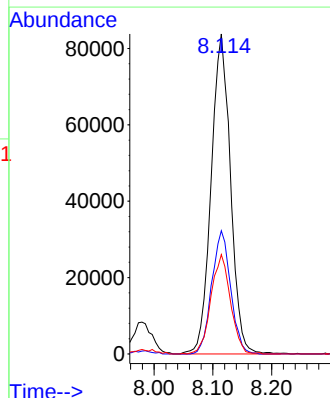
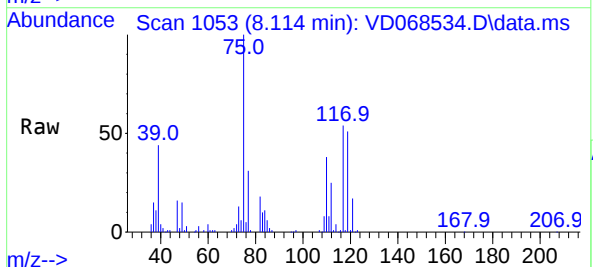
MMDadoda
3/5/2021 10:11:13 AM

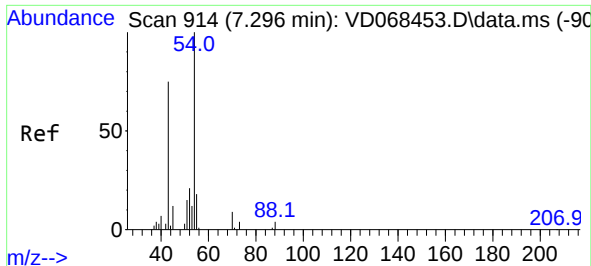


#36

1,1-Dichloropropene
Concen: 46.47 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

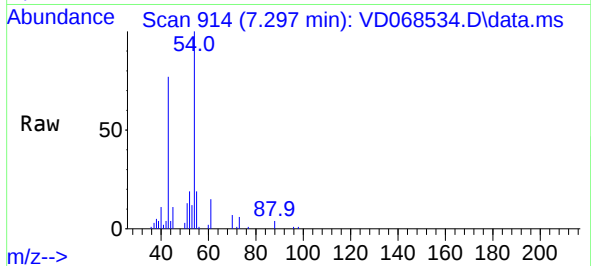
Tgt Ion: 75 Resp: 191494
Ion Ratio Lower Upper
75 100
110 37.6 19.4 58.2
77 31.4 25.3 37.9



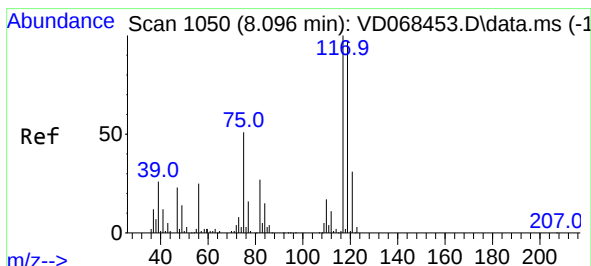
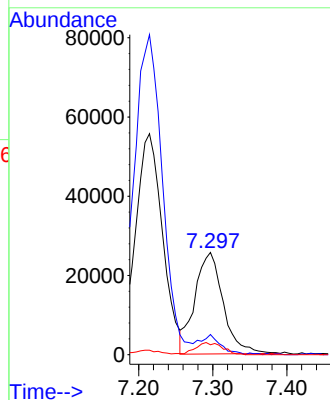
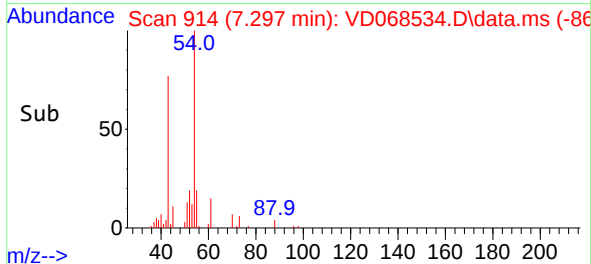


#37
Ethyl Acetate
Concen: 49.72 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

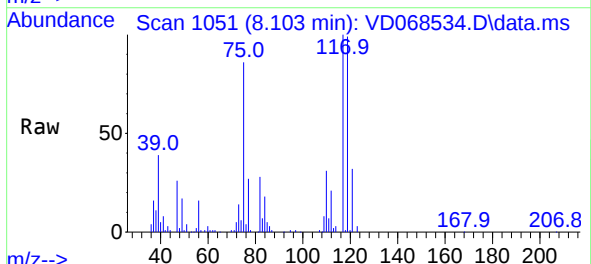
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



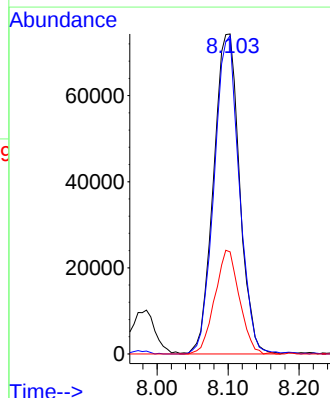
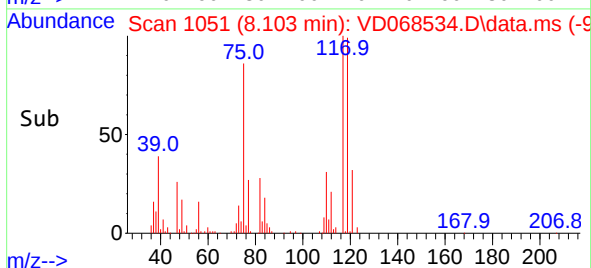
Tgt Ion: 43 Resp: 67977
Ion Ratio Lower Upper
43 100
61 14.5 12.9 19.3
70 11.3 11.0 16.6

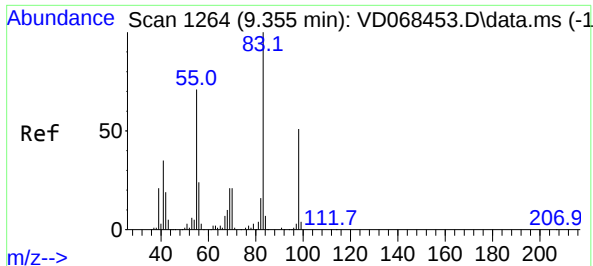


#38
Carbon Tetrachloride
Concen: 48.64 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 117 Resp: 188320
Ion Ratio Lower Upper
117 100
119 99.4 77.3 115.9
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 45.78 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068534.D

Acq: 04 Mar 2021 19:21

Tgt Ion: 83 Resp: 232658

Ion Ratio Lower Upper

83 100

55 64.5 55.2 82.8

98 46.2 39.1 58.7

Instrument :

MSVOA_D

ClientSampleId :

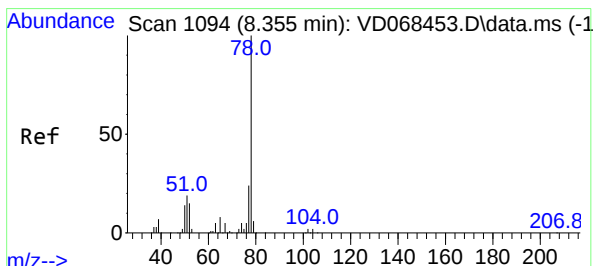
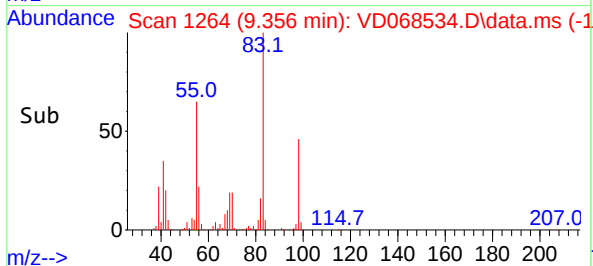
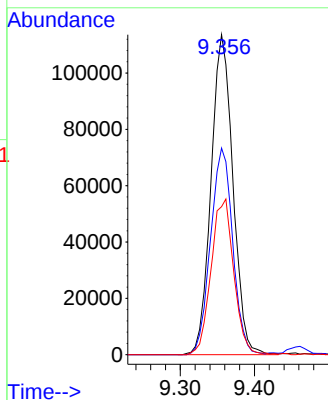
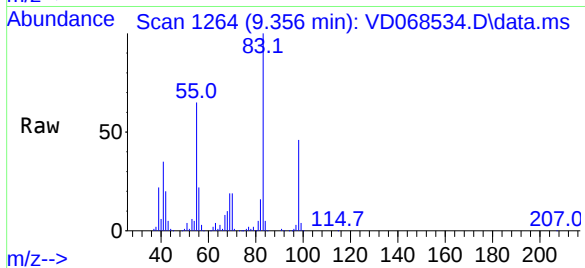
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

3/5/2021 10:11:13 AM



#40

Benzene

Concen: 49.29 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.005 min

Lab File: VD068534.D

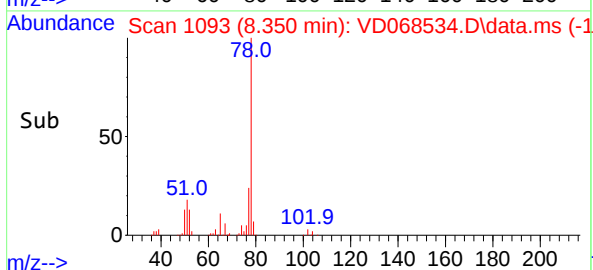
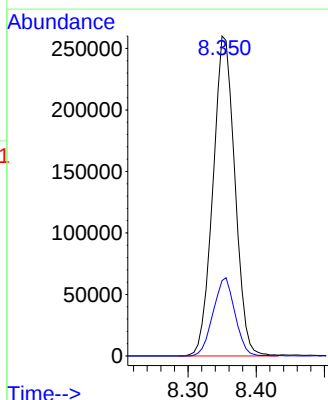
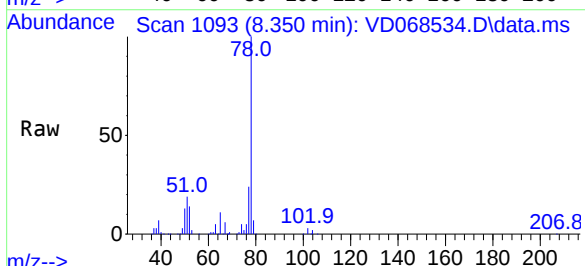
Acq: 04 Mar 2021 19:21

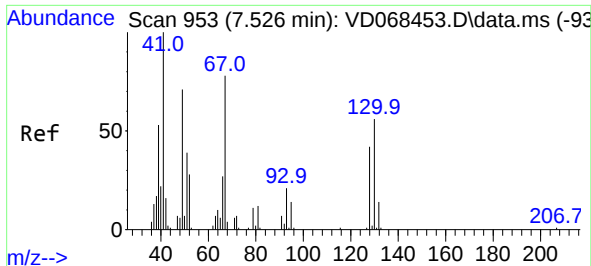
Tgt Ion: 78 Resp: 582599

Ion Ratio Lower Upper

78 100

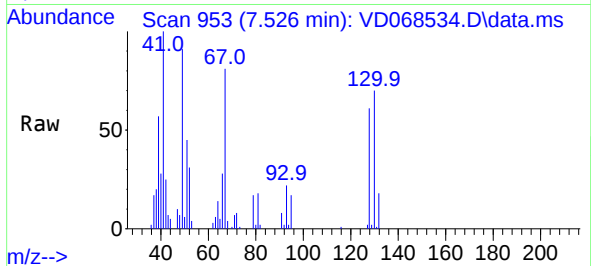
77 23.5 17.8 26.6





#41
Methacrylonitrile
Concen: 48.68 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

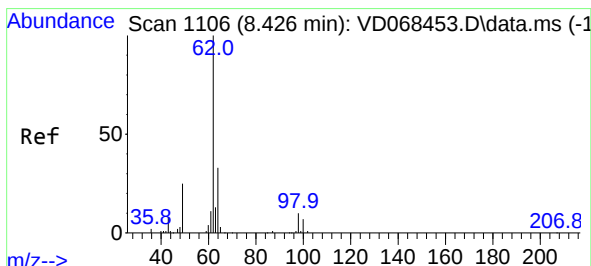
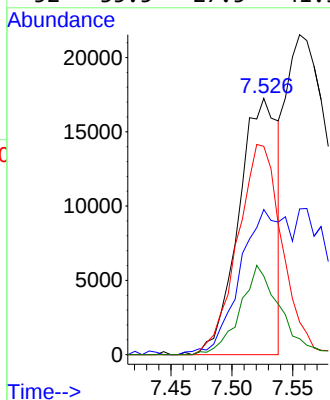
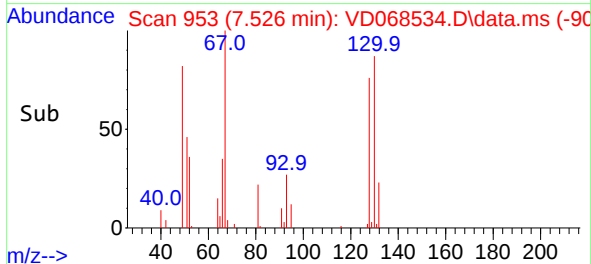
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



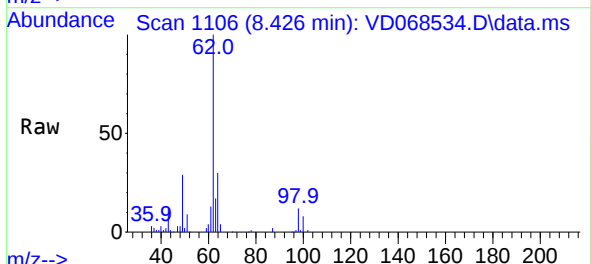
Tgt Ion: 41 Resp: 38634
Ion Ratio Lower Upper
41 100
39 71.3 45.2 67.8#
67 92.9 67.4 101.2
52 35.5 27.5 41.3

Manual Integrations
APPROVED

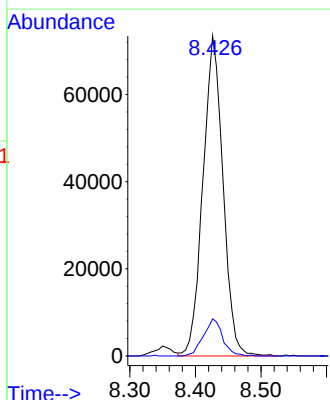
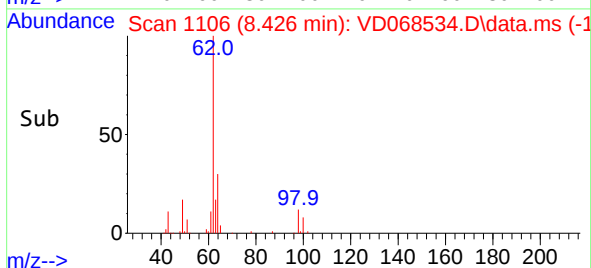
MMDadoda
3/5/2021 10:11:13 AM

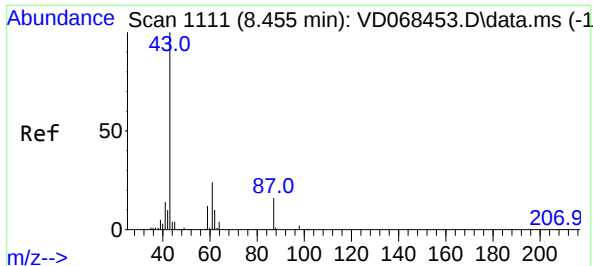


#42
1,2-Dichloroethane
Concen: 50.39 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



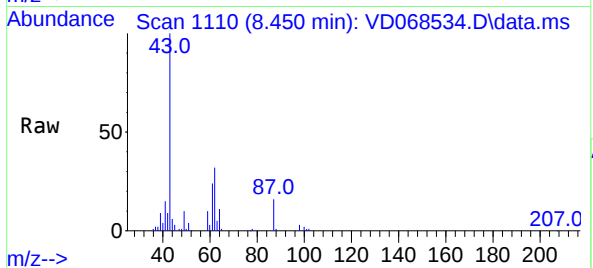
Tgt Ion: 62 Resp: 156601
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.8





#43
Isopropyl Acetate
Concen: 52.52 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

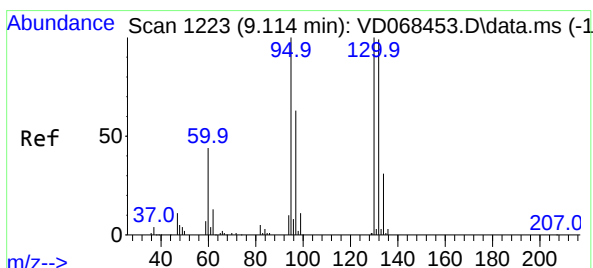
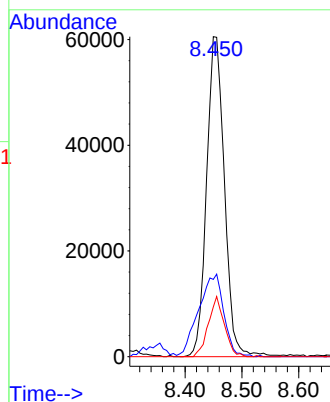
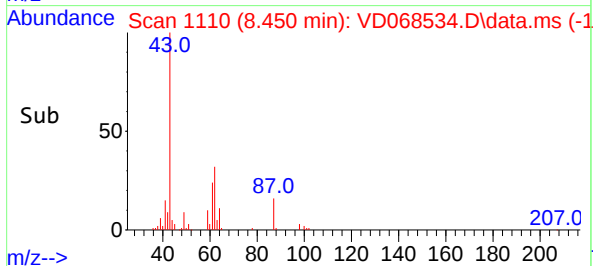
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



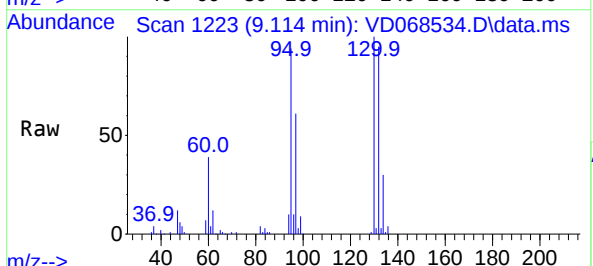
Tgt Ion: 43 Resp: 131976
Ion Ratio Lower Upper
43 100
61 36.3 28.7 43.1
87 16.9 13.9 20.9

Manual Integrations
APPROVED

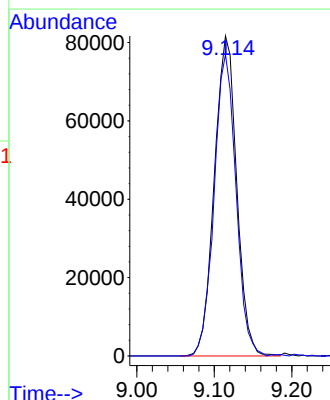
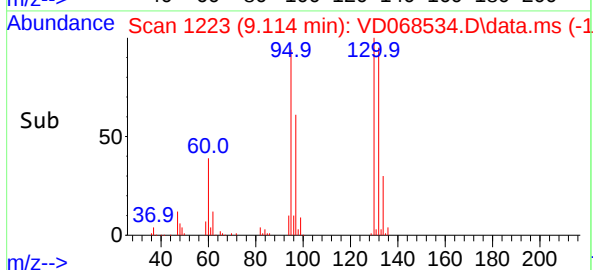
MMDadoda
3/5/2021 10:11:13 AM

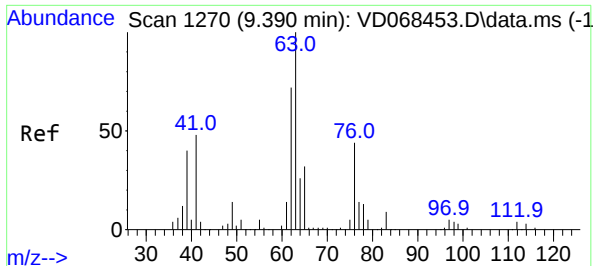


#44
Trichloroethene
Concen: 50.51 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 130 Resp: 163861
Ion Ratio Lower Upper
130 100
95 94.3 0.0 191.2





#45

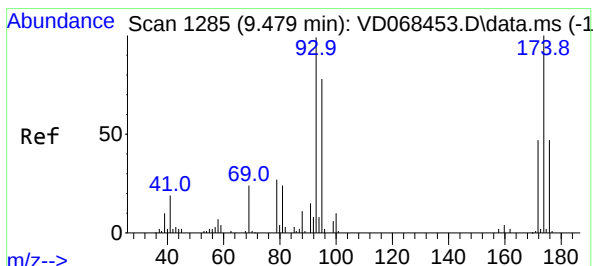
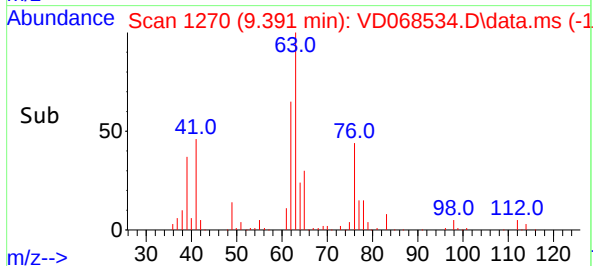
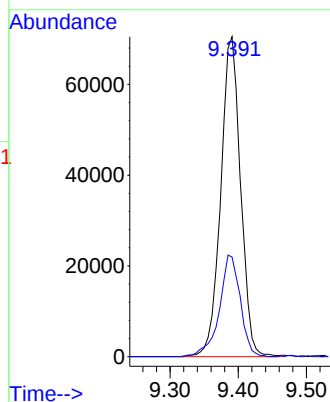
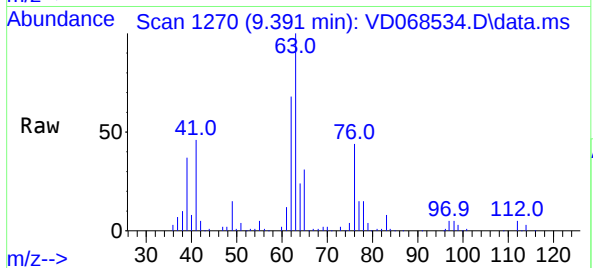
1,2-Dichloropropane
Concen: 50.52 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 63 Resp: 142747
Ion Ratio Lower Upper
63 100
65 31.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

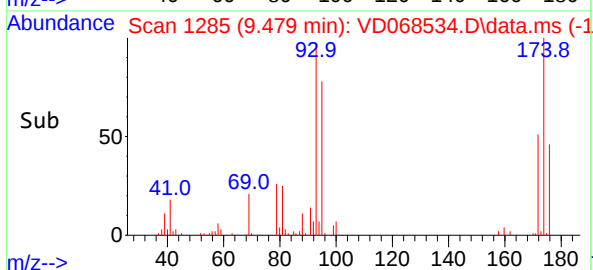
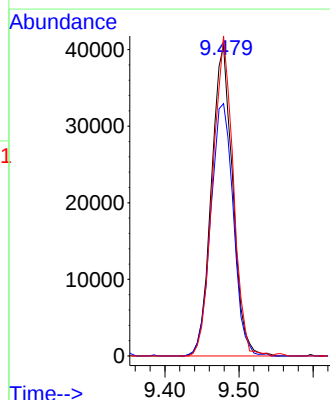
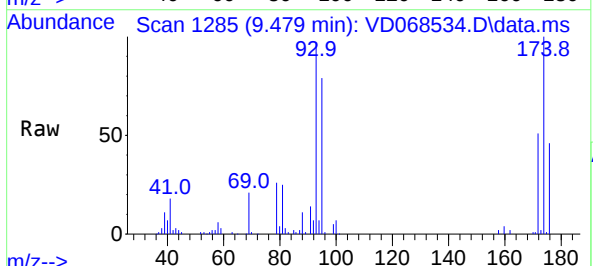
MMDadoda
3/5/2021 10:11:13 AM

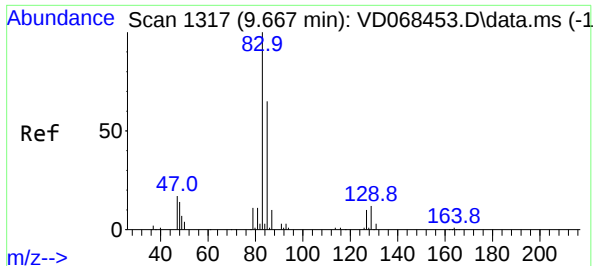


#46

Dibromomethane
Concen: 52.35 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 93 Resp: 80473
Ion Ratio Lower Upper
93 100
95 86.4 67.3 100.9
174 99.8 84.6 127.0





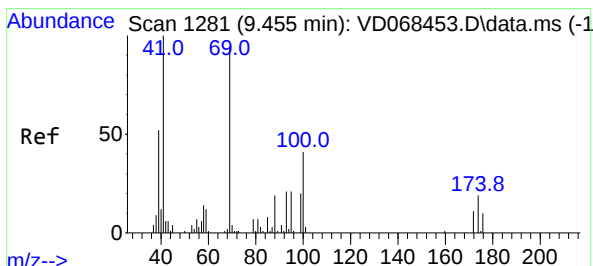
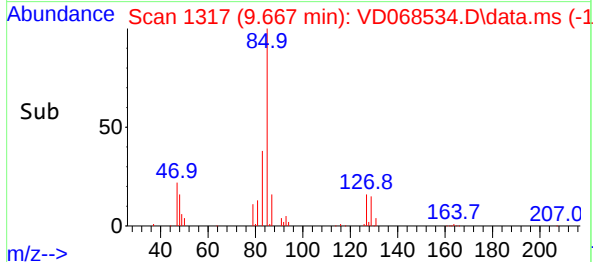
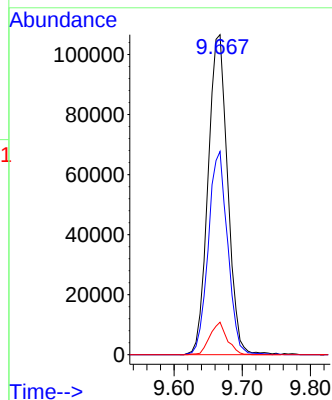
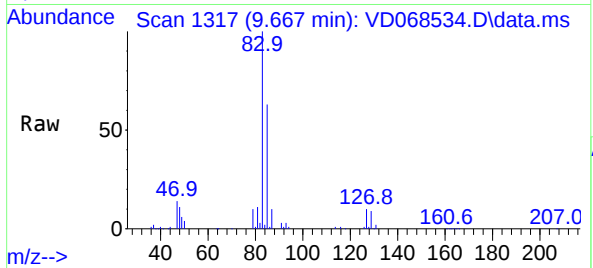
#47
Bromodichloromethane
Concen: 53.65 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 83 Resp: 213308
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4
127 10.1 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

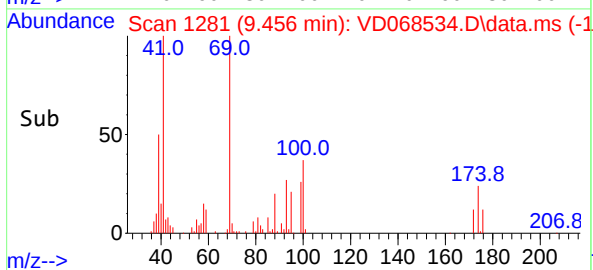
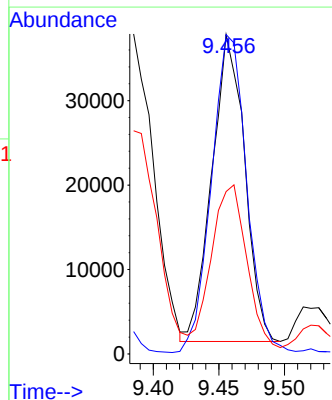
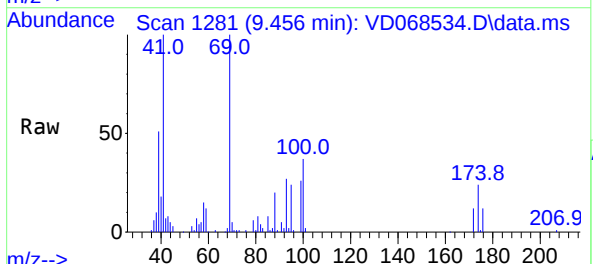
Manual Integrations
APPROVED

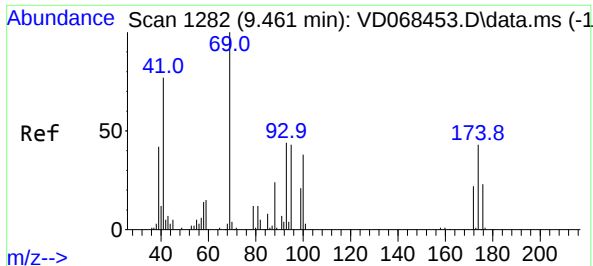
MMDadoda
3/5/2021 10:11:13 AM



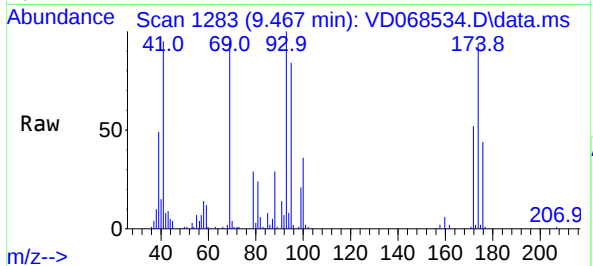
#48
Methyl methacrylate
Concen: 47.16 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 41 Resp: 63163
Ion Ratio Lower Upper
41 100
69 111.2 77.1 115.7
39 60.9 41.5 62.3

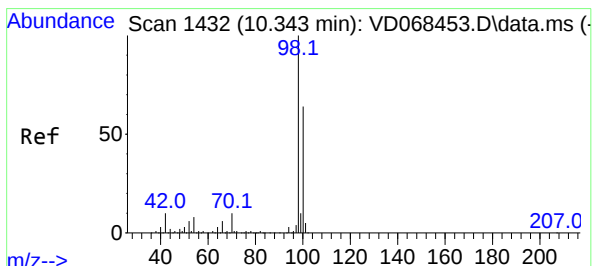
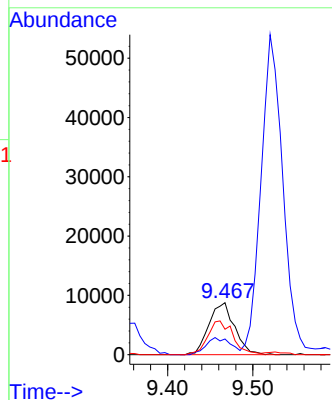
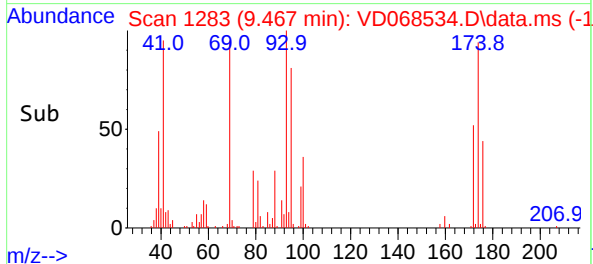




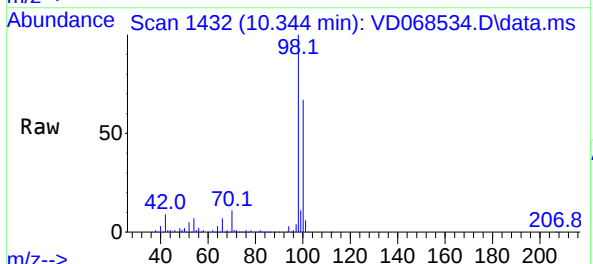
#49
1,4-Dioxane
Concen: 1046.83 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



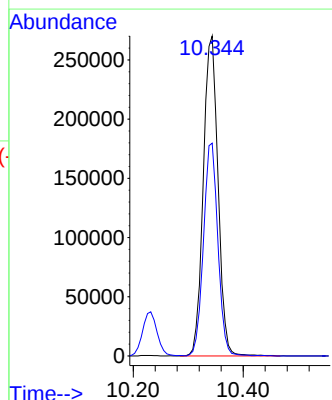
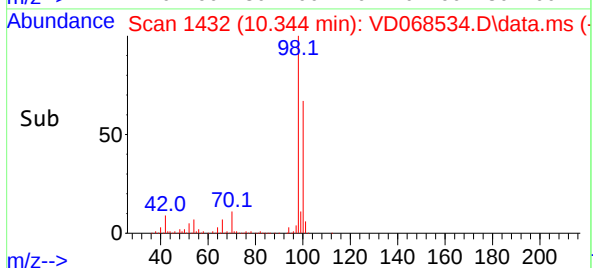
Tgt Ion: 88 Resp: 18351
Ion Ratio Lower Upper
88 100
43 31.8 22.1 33.1
58 64.2 46.7 70.1



#50
Toluene-d8
Concen: 48.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



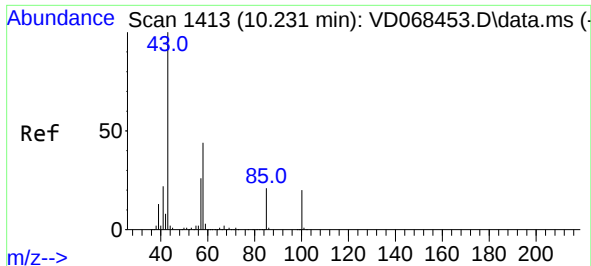
Tgt Ion: 98 Resp: 502379
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



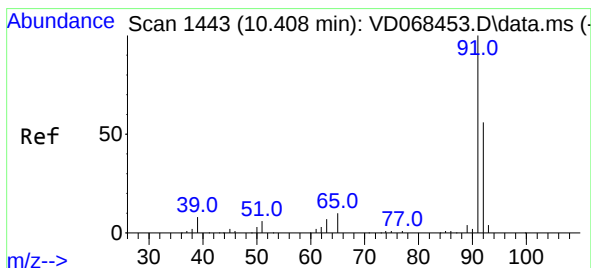
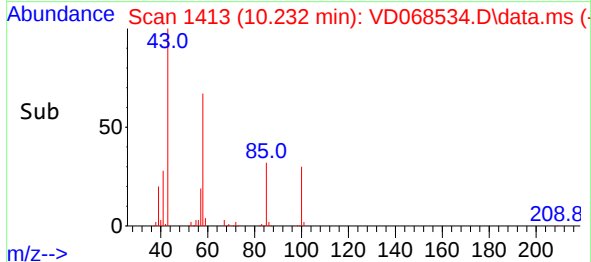
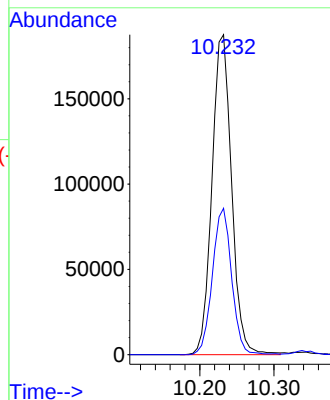
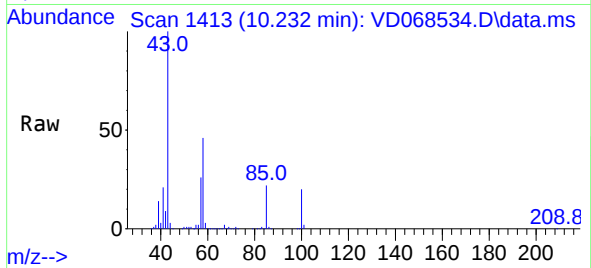
#51
4-Methyl-2-Pentanone
Concen: 262.03 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 344521
Ion Ratio Lower Upper
43 100
58 44.9 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

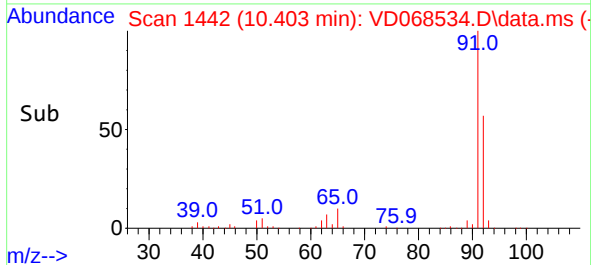
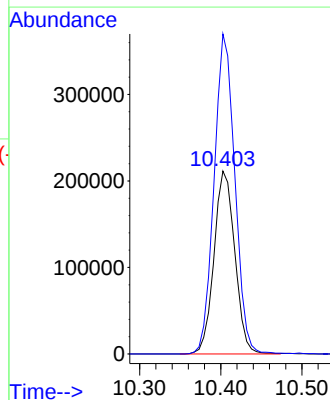
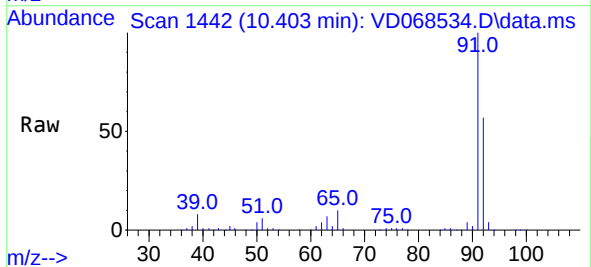
Manual Integrations
APPROVED

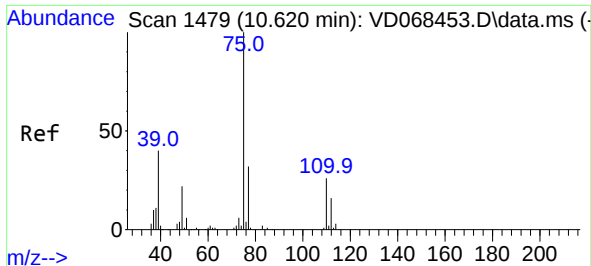
MMDadoda
3/5/2021 10:11:13 AM



#52
Toluene
Concen: 50.01 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 92 Resp: 377432
Ion Ratio Lower Upper
92 100
91 174.3 134.1 201.1





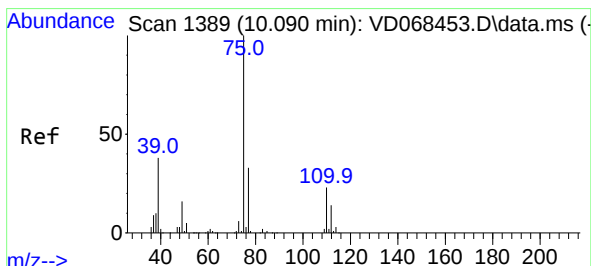
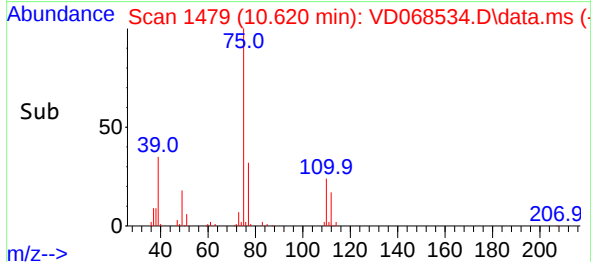
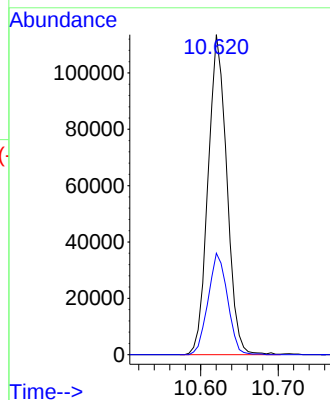
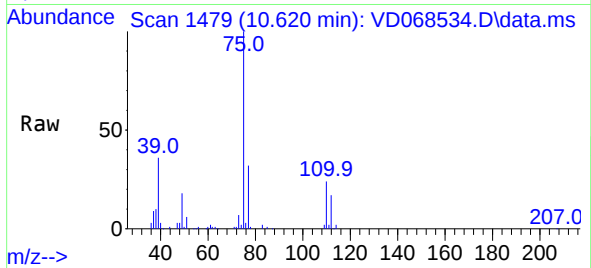
#53
t-1,3-Dichloropropene
Concen: 52.08 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 75 Resp: 191404
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

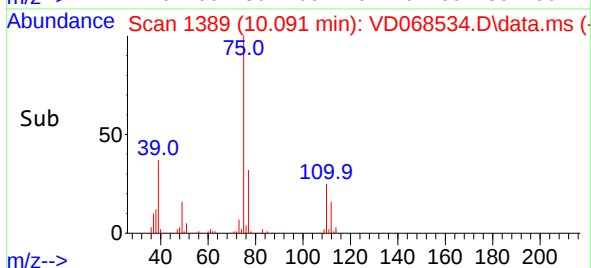
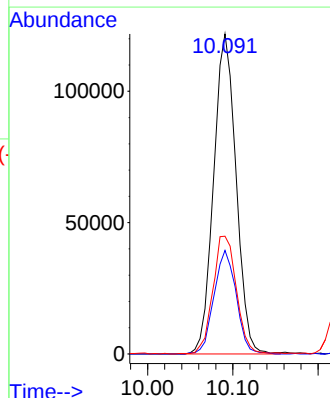
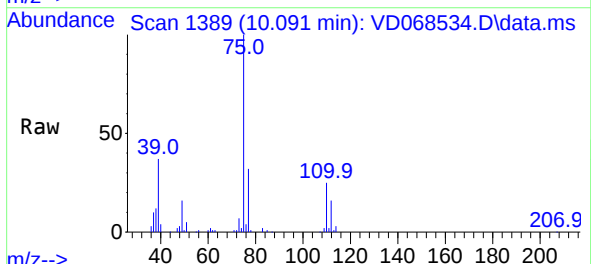
Manual Integrations
APPROVED

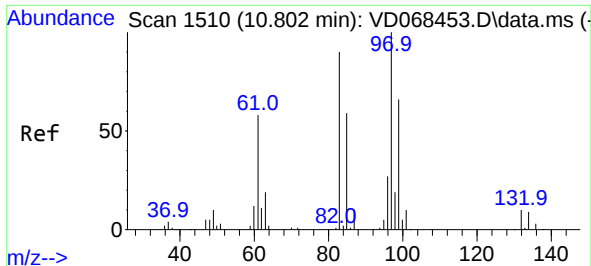
MMDadoda
3/5/2021 10:11:13 AM



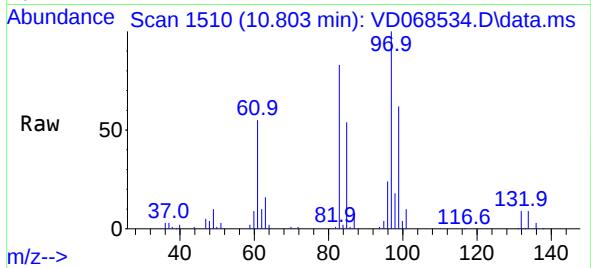
#54
cis-1,3-Dichloropropene
Concen: 49.70 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 75 Resp: 222849
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0
39 36.6 31.4 47.0



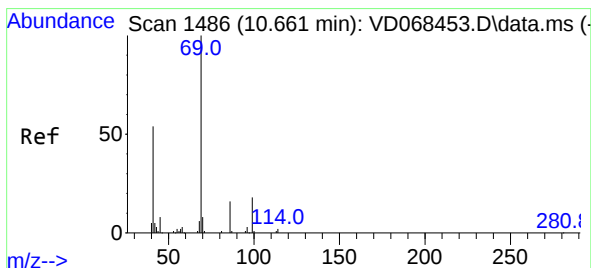
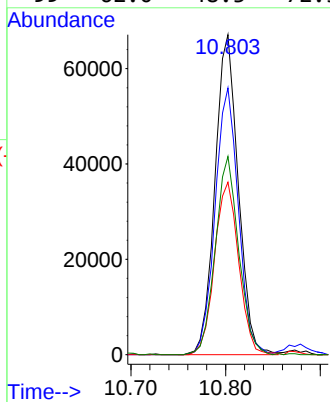
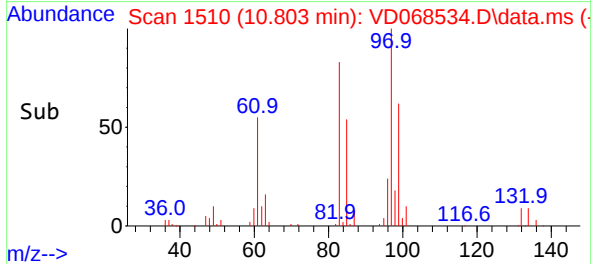


#55
1,1,2-Trichloroethane
Concen: 53.89 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

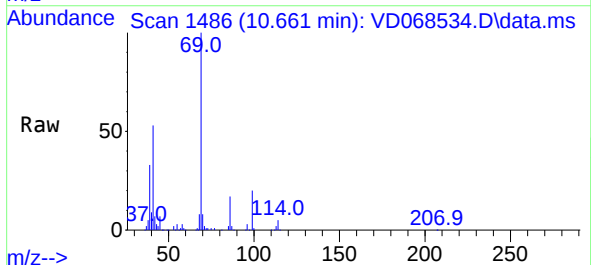


Tgt Ion: 97 Resp: 114638

Ion	Ratio	Lower	Upper
97	100		
83	83.3	61.8	92.6
85	53.9	42.2	63.2
99	62.0	48.3	72.5

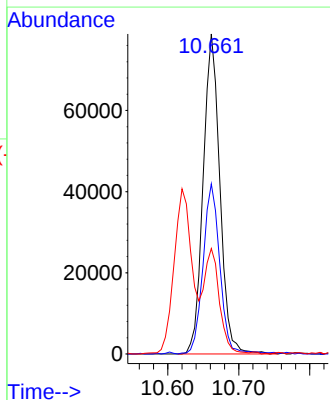
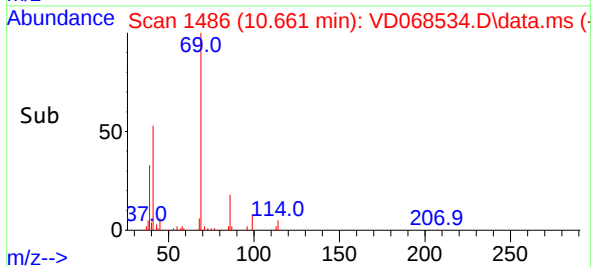


#56
Ethyl methacrylate
Concen: 52.89 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 69 Resp: 129334

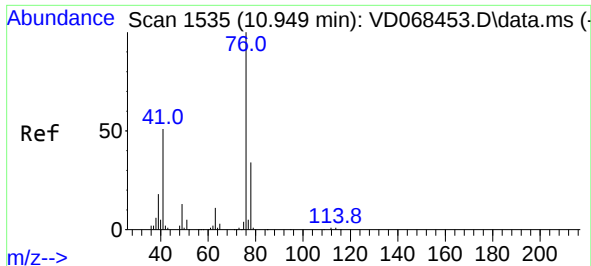
Ion	Ratio	Lower	Upper
69	100		
41	53.3	44.9	67.3
39	29.7	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



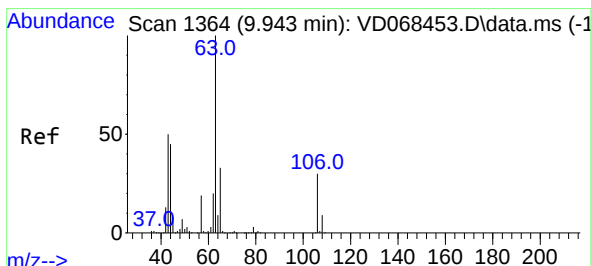
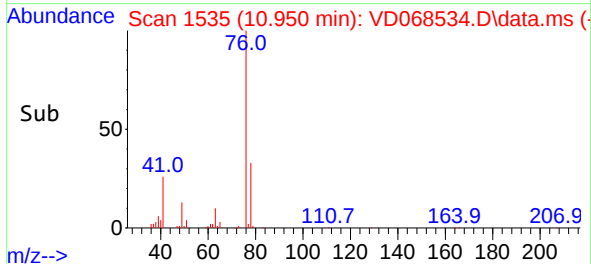
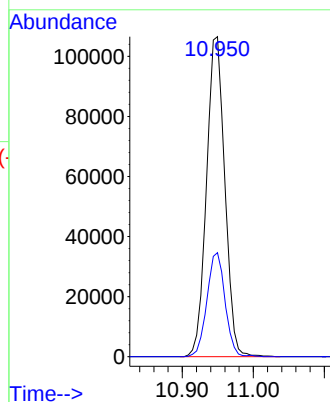
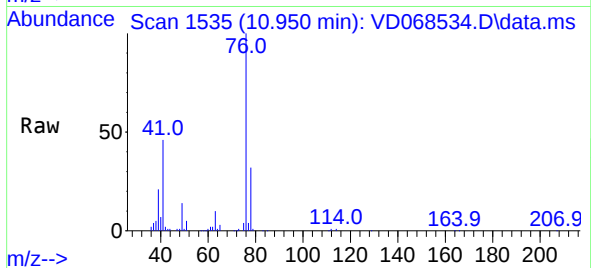
#57
1,3-Dichloropropane
Concen: 51.46 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 76 Resp: 191090
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

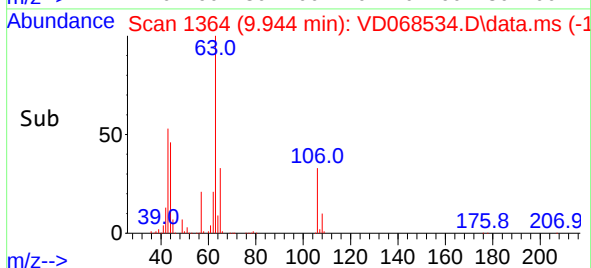
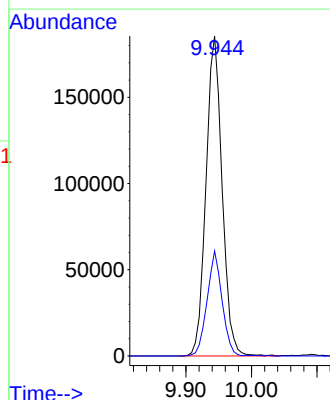
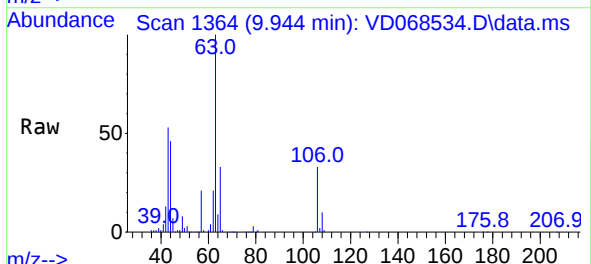
Manual Integrations
APPROVED

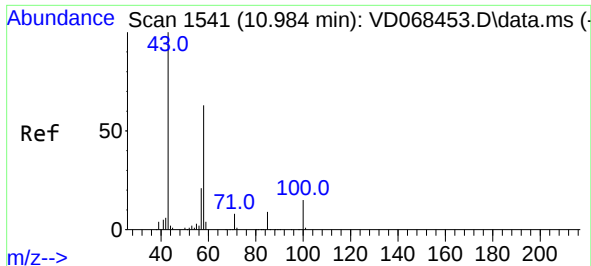
MMDadoda
3/5/2021 10:11:13 AM



#58
2-Chloroethyl Vinyl ether
Concen: 258.90 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 63 Resp: 317592
Ion Ratio Lower Upper
63 100
106 30.6 27.0 40.4





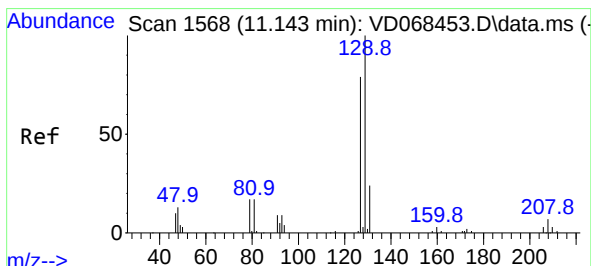
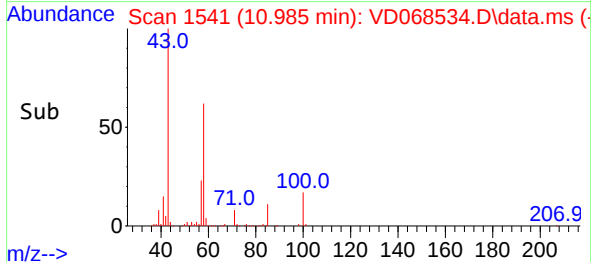
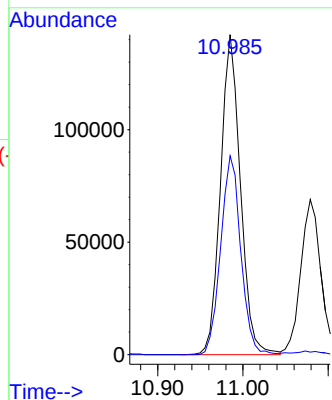
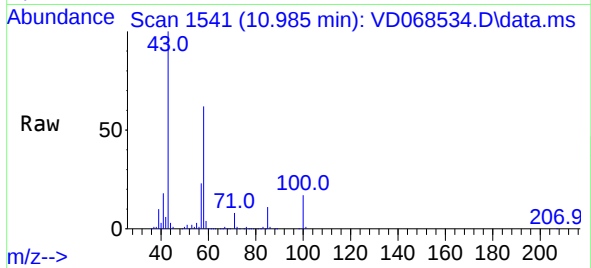
#59
2-Hexanone
Concen: 263.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 230694
Ion Ratio Lower Upper
43 100
58 62.7 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

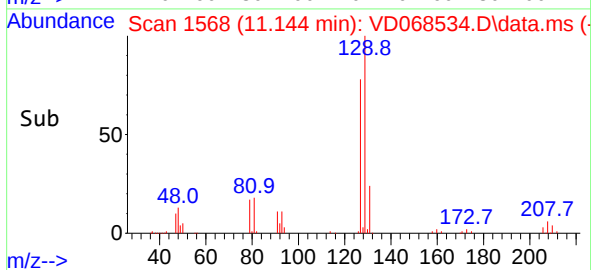
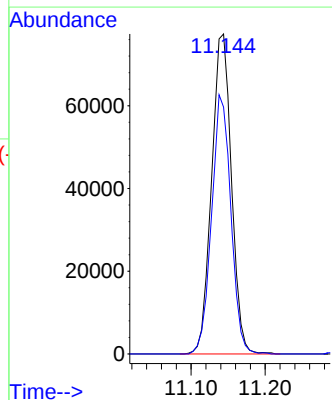
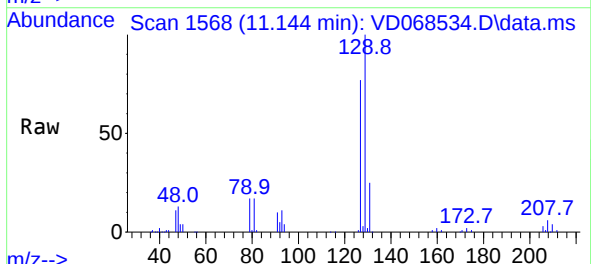
Manual Integrations
APPROVED

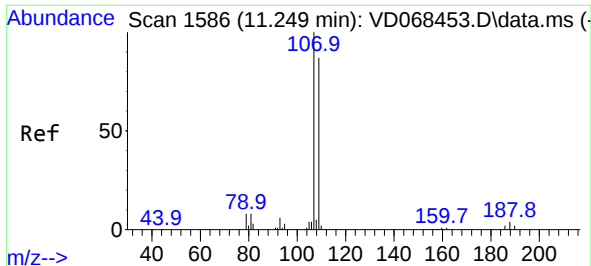
MMDadoda
3/5/2021 10:11:13 AM



#60
Dibromochloromethane
Concen: 54.57 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

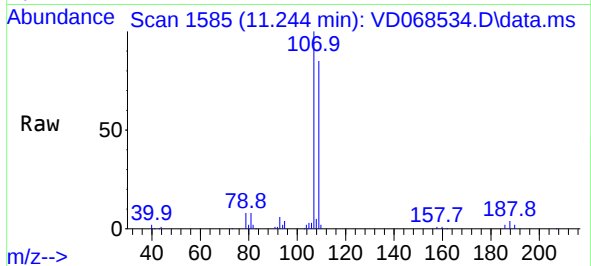
Tgt Ion:129 Resp: 143706
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.14 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

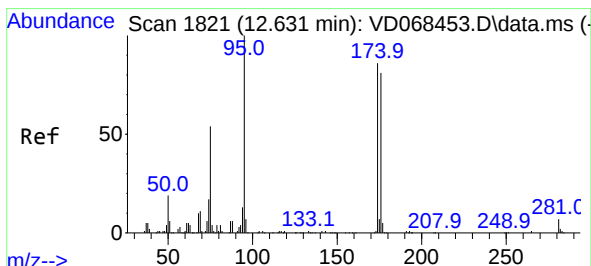
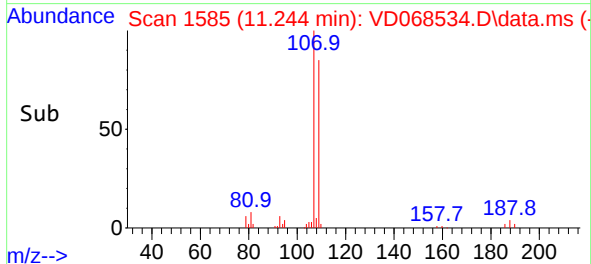
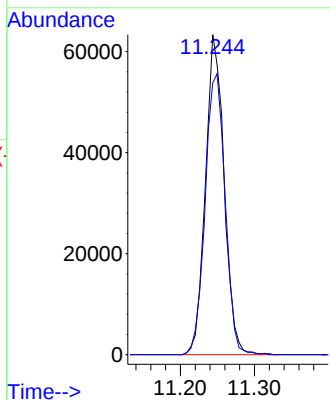
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 110628
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

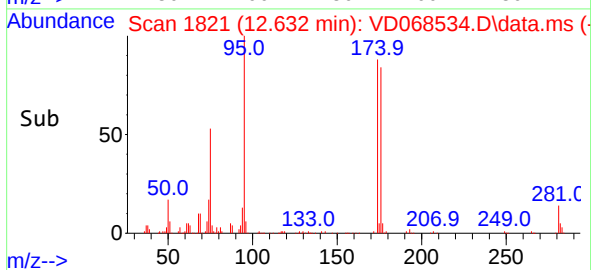
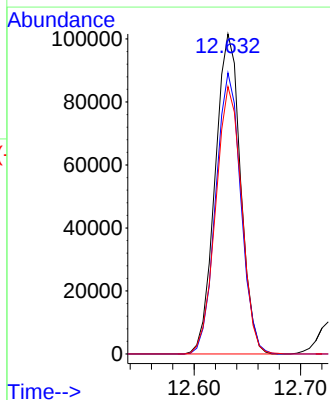
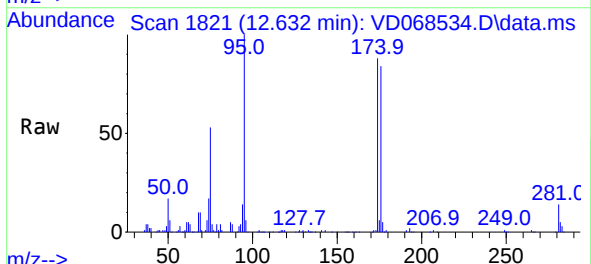
Manual Integrations
APPROVED

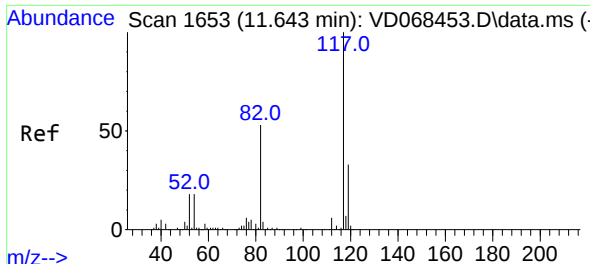
MMDadoda
3/5/2021 10:11:13 AM



#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

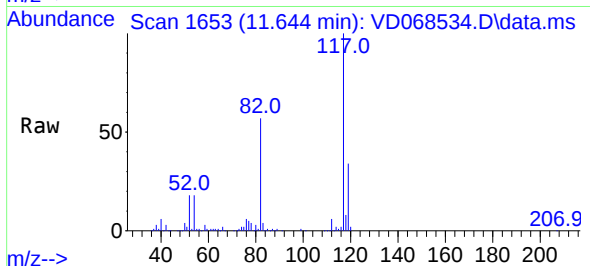
Tgt Ion: 95 Resp: 168515
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.4
176 84.8 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

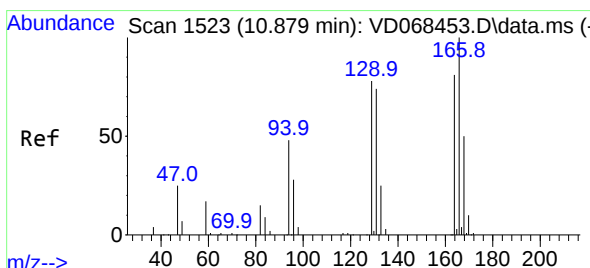
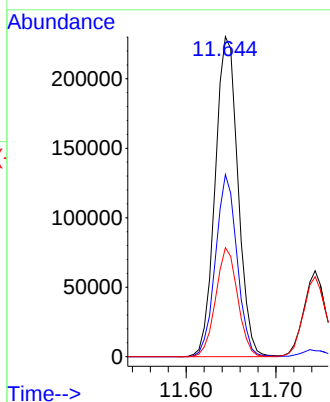
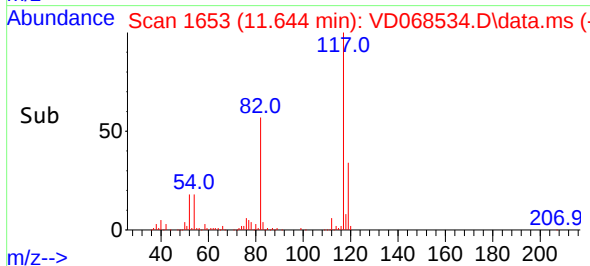
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



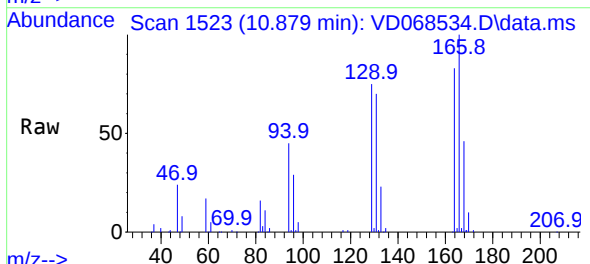
Tgt Ion:117 Resp: 407057
Ion Ratio Lower Upper
117 100
82 56.9 41.4 62.0
119 34.1 26.1 39.1

Manual Integrations
APPROVED

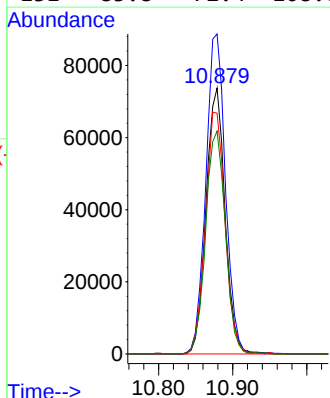
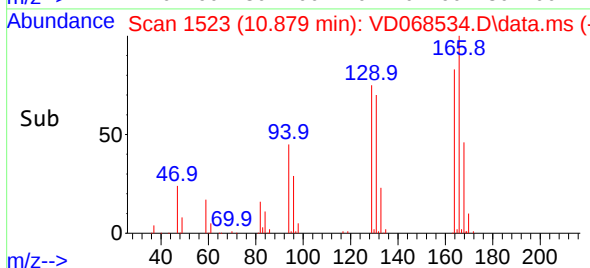
MMDadoda
3/5/2021 10:11:13 AM

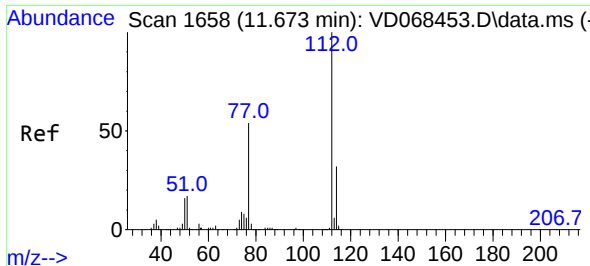


#64
Tetrachloroethene
Concen: 49.59 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion:164 Resp: 131805
Ion Ratio Lower Upper
164 100
166 120.3 105.5 158.3
129 90.6 75.6 113.4
131 83.8 72.4 108.6





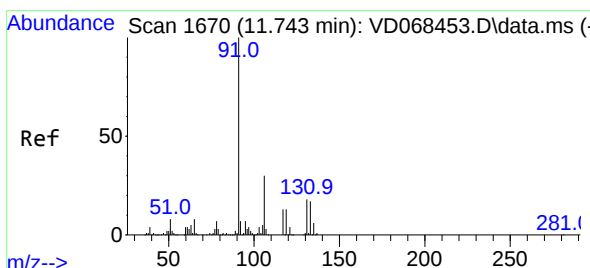
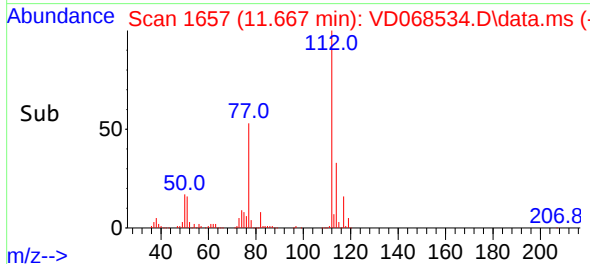
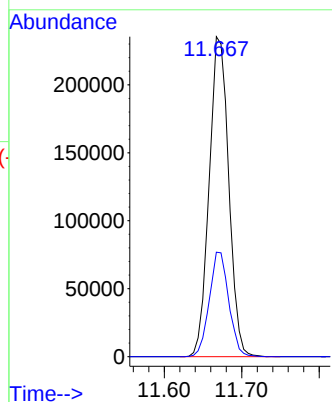
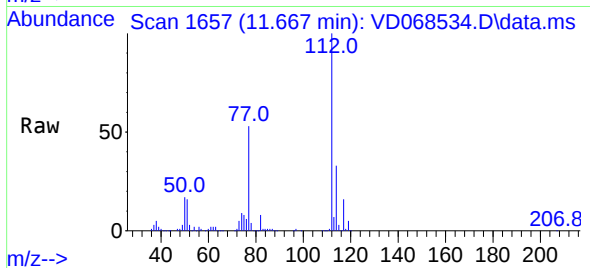
#65
Chlorobenzene
Concen: 49.80 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 412784
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

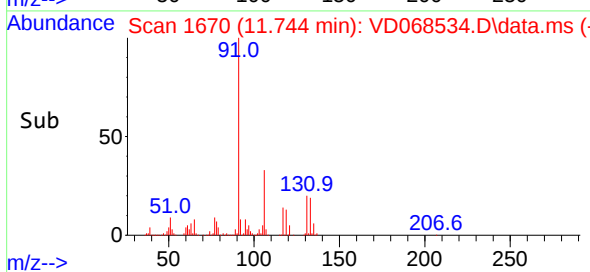
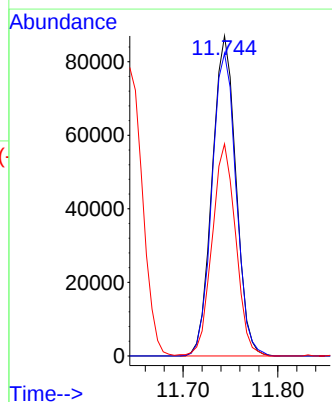
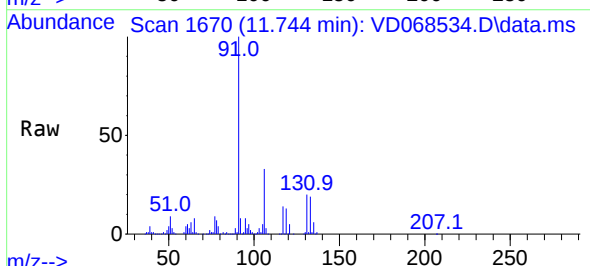
Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.65 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:131 Resp: 151729
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 65.9 31.6 94.8





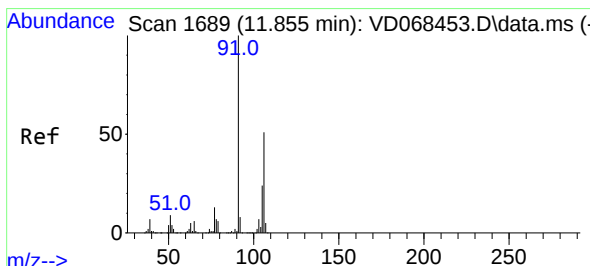
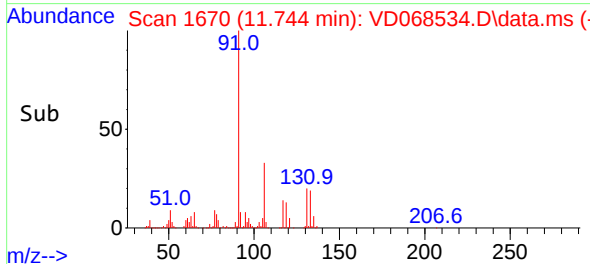
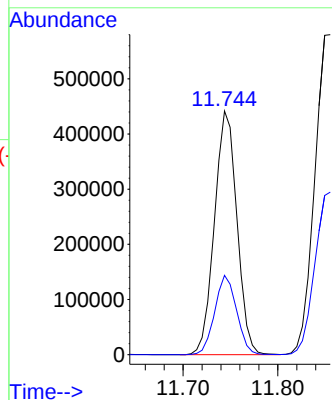
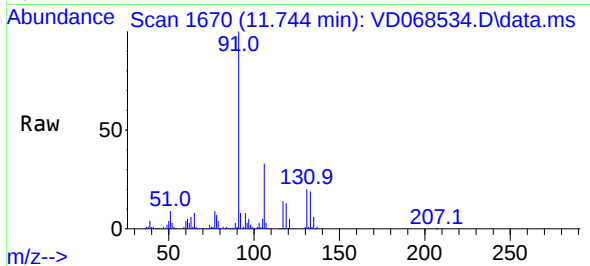
#67
Ethyl Benzene
Concen: 49.24 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 91 Resp: 728625
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

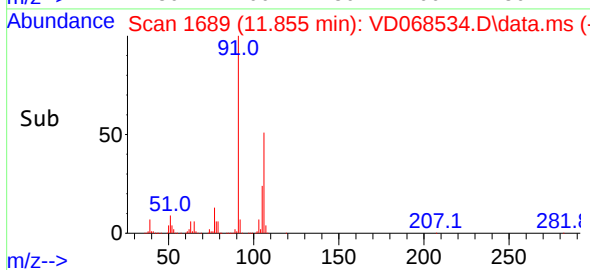
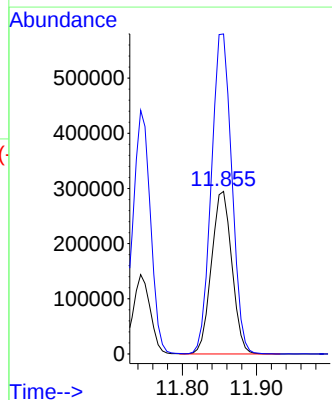
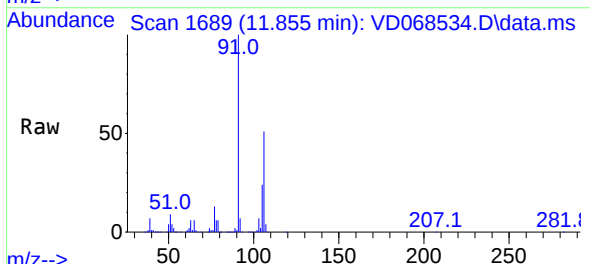
Manual Integrations
APPROVED

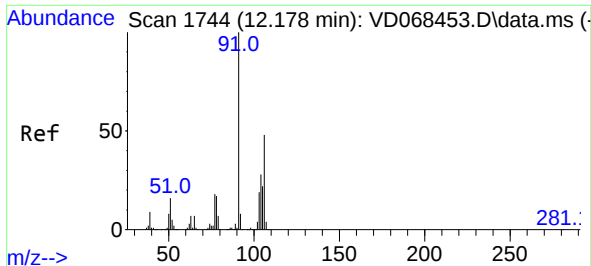
MMDadoda
3/5/2021 10:11:13 AM



#68
m/p-Xylenes
Concen: 100.20 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:106 Resp: 563102
Ion Ratio Lower Upper
106 100
91 197.7 159.1 238.7





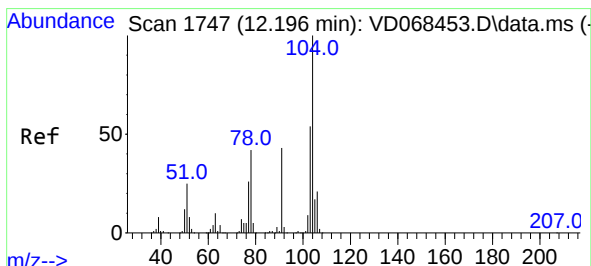
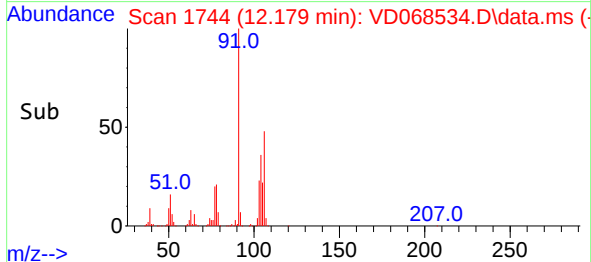
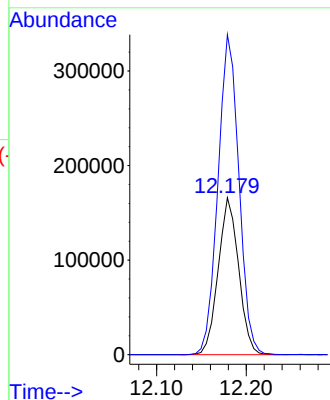
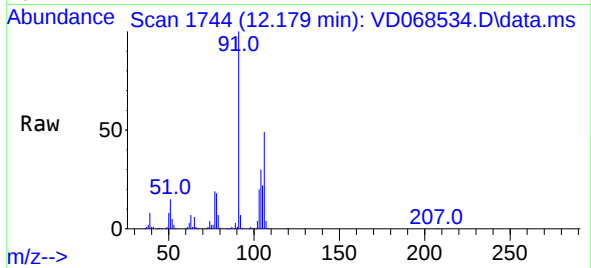
#69
o-Xylene
Concen: 50.63 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:106 Resp: 262051
Ion Ratio Lower Upper
106 100
91 209.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

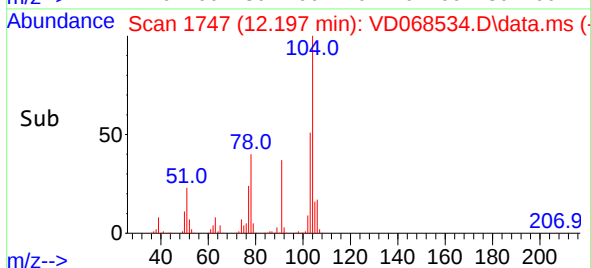
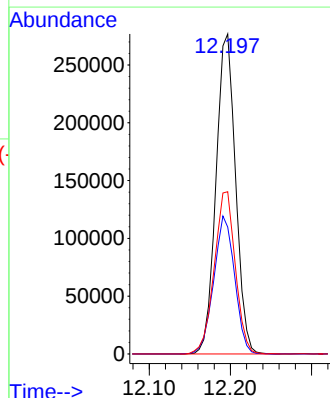
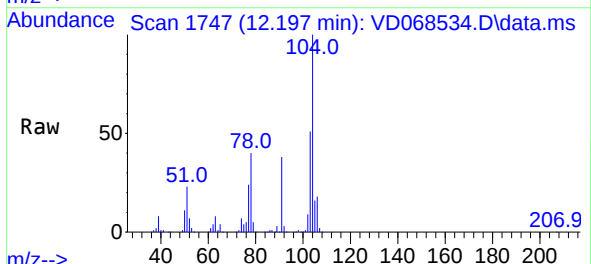
Manual Integrations
APPROVED

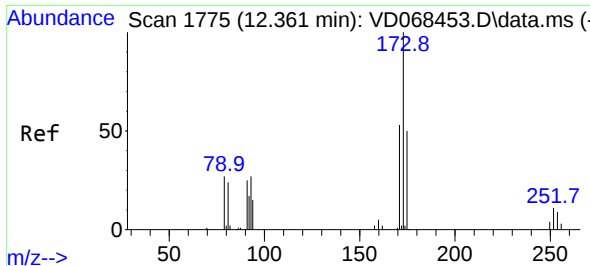
MMDadoda
3/5/2021 10:11:13 AM



#70
Styrene
Concen: 52.42 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:104 Resp: 464002
Ion Ratio Lower Upper
104 100
78 46.0 38.2 57.2
103 54.7 43.1 64.7





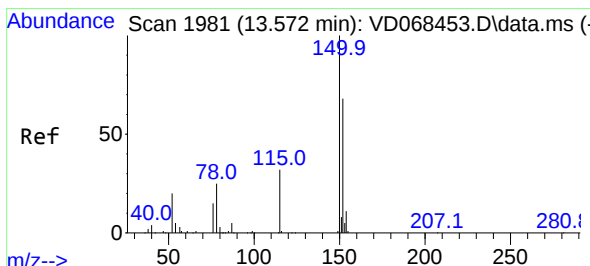
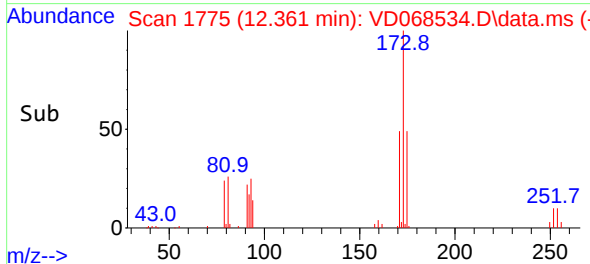
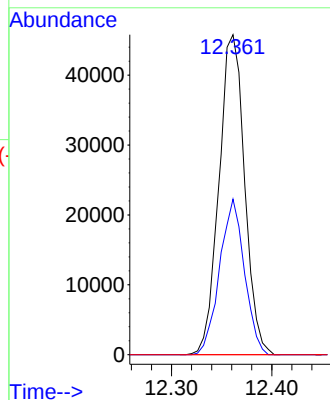
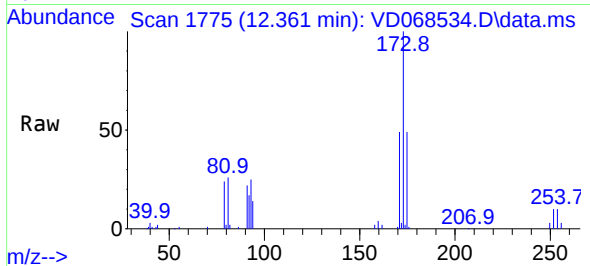
#71
Bromoform
Concen: 55.41 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:173 Resp: 81108
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

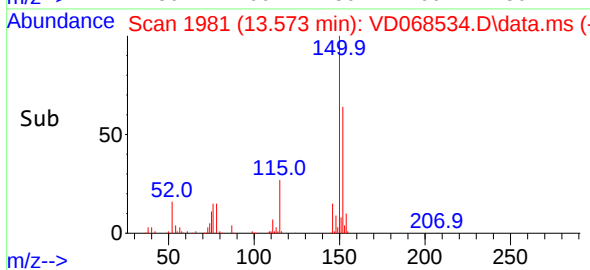
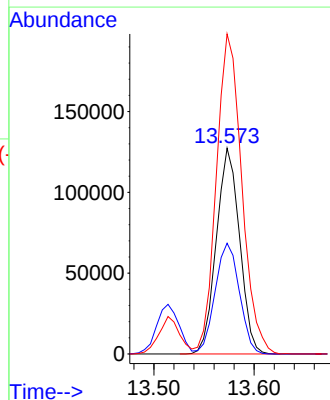
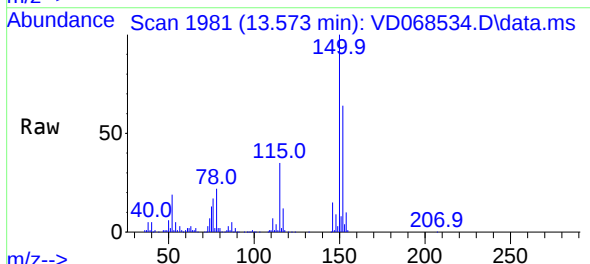
Manual Integrations
APPROVED

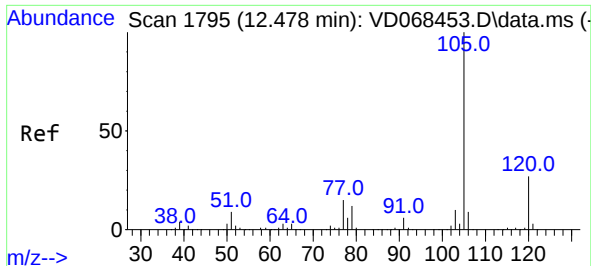
MMDadoda
3/5/2021 10:11:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:152 Resp: 204588
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 170.4 0.0 344.4





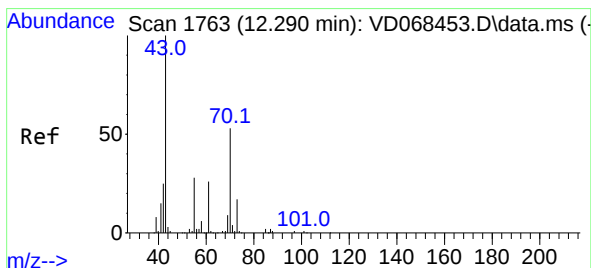
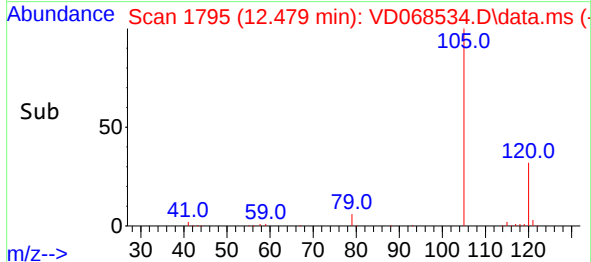
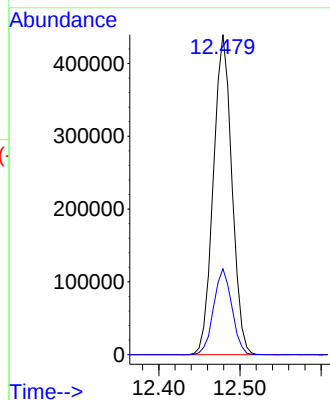
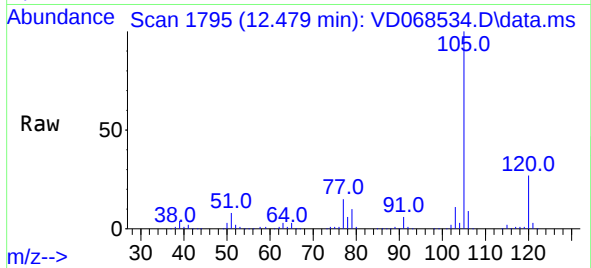
#73
Isopropylbenzene
Concen: 45.92 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 696770
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

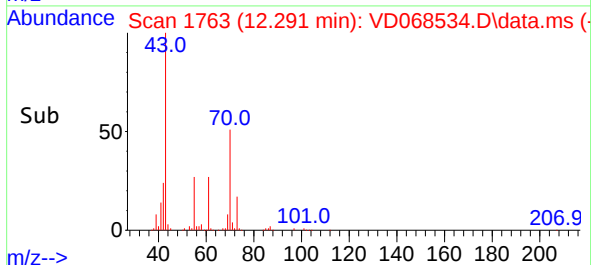
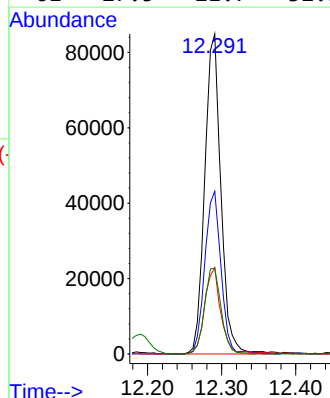
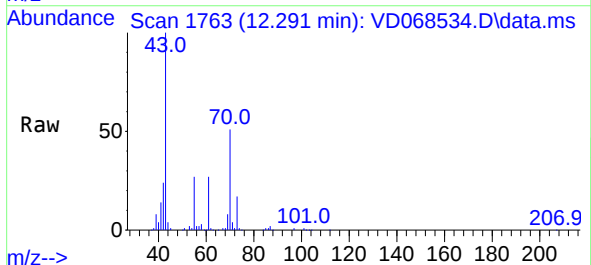
Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



#74
N-ethyl acetate
Concen: 49.85 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 43 Resp: 128869
Ion Ratio Lower Upper
43 100
70 51.1 41.8 62.8
55 26.7 24.2 36.4
61 27.5 21.7 32.5





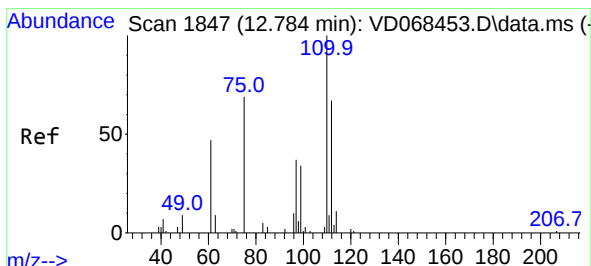
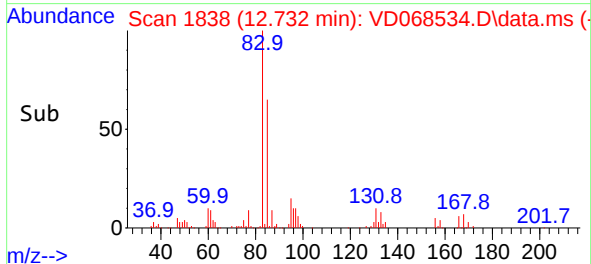
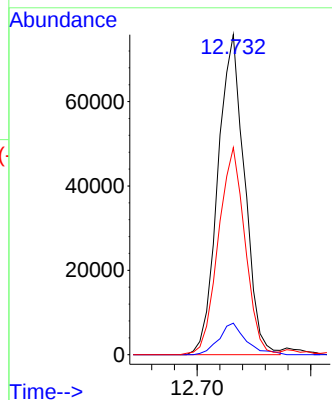
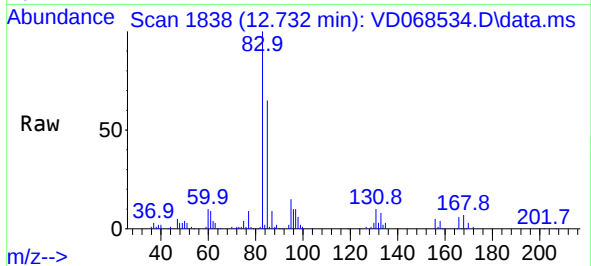
#75
1,1,2,2-Tetrachloroethane
Concen: 47.42 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 83 Resp: 123800
Ion Ratio Lower Upper
83 100
131 10.0 5.8 17.4
85 64.7 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

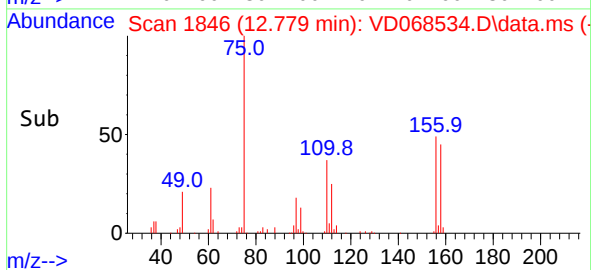
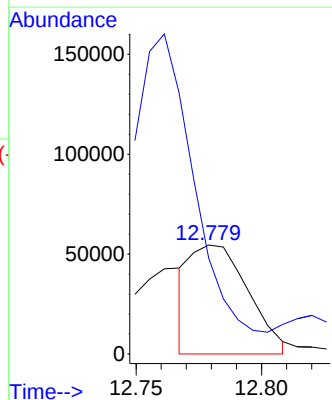
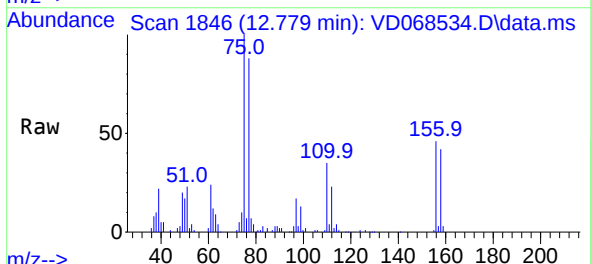
Manual Integrations
APPROVED

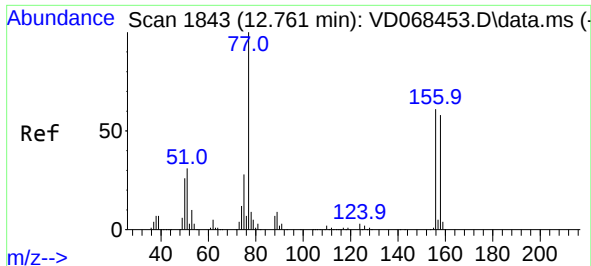
MMDadoda
3/5/2021 10:11:13 AM



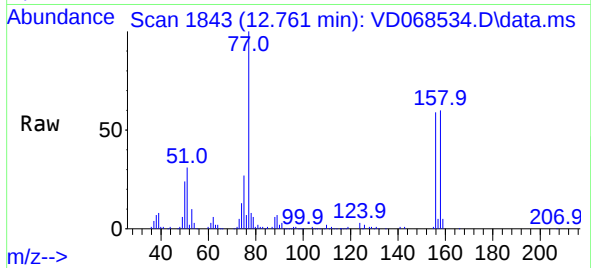
#76
1,2,3-Trichloropropane
Concen: 48.16 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 75 Resp: 87467
Ion Ratio Lower Upper
75 100
77 339.8 0.0 0.0#

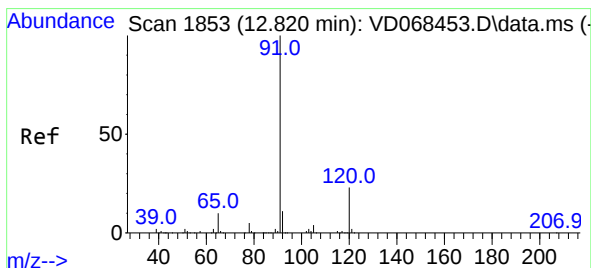
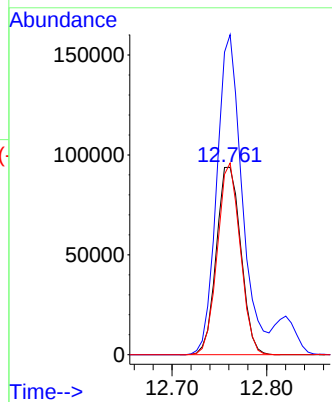
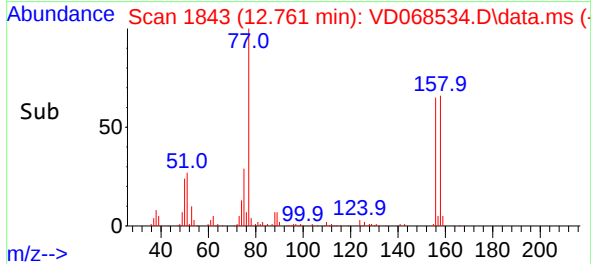




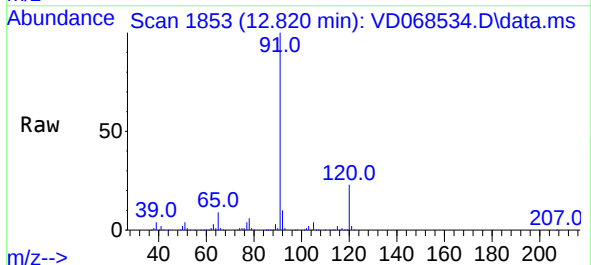
#77
Bromobenzene
Concen: 48.63 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



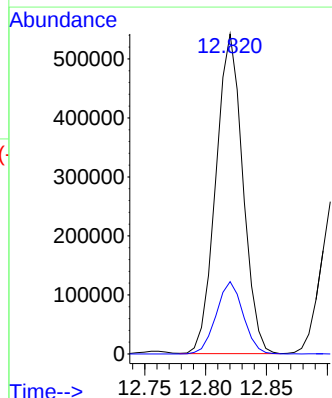
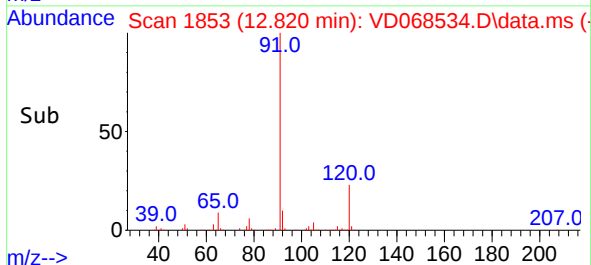
Tgt Ion:156 Resp: 168379
Ion Ratio Lower Upper
156 100
77 176.5 82.8 248.3
158 95.4 48.0 144.0



#78
n-propylbenzene
Concen: 45.99 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



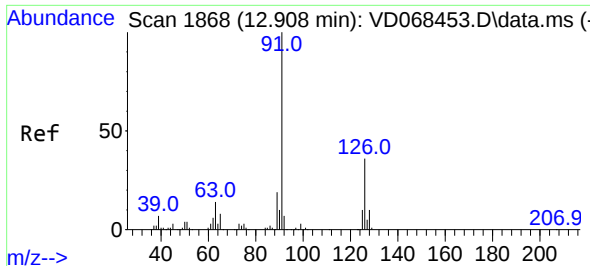
Tgt Ion: 91 Resp: 833842
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

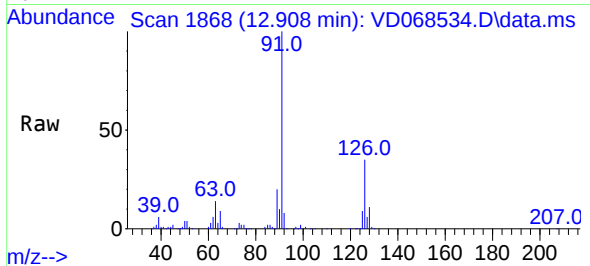
Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



#79
2-Chlorotoluene
Concen: 46.30 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

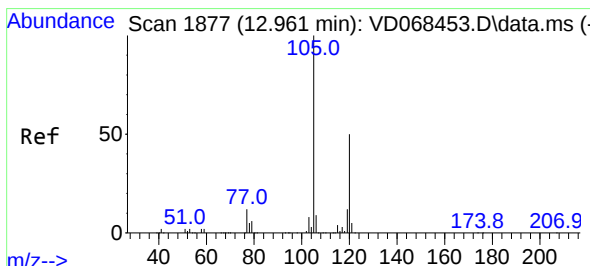
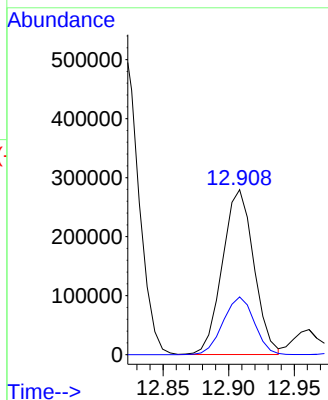
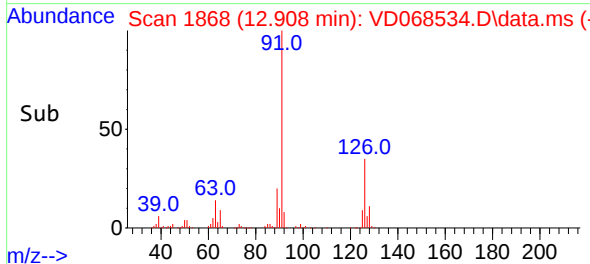
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



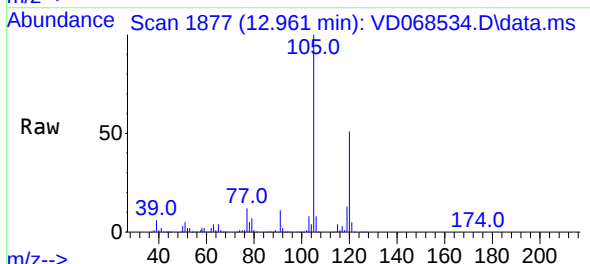
Tgt Ion: 91 Resp: 465929
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.5

Manual Integrations
APPROVED

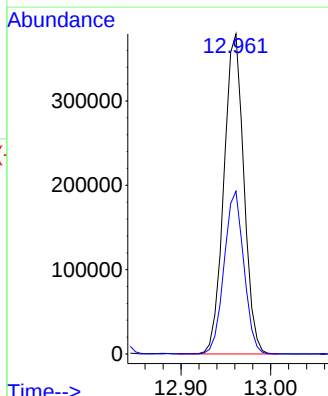
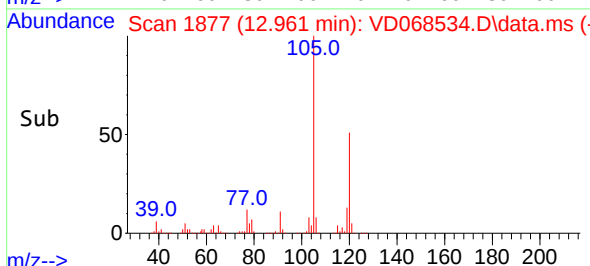
MMDadoda
3/5/2021 10:11:13 AM

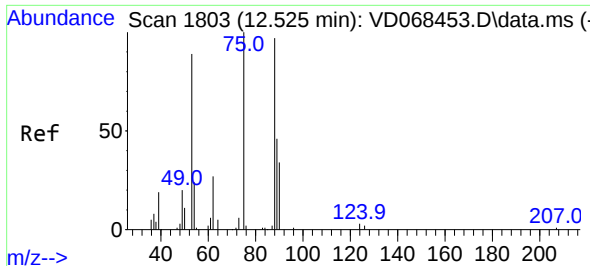


#80
1,3,5-Trimethylbenzene
Concen: 47.11 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



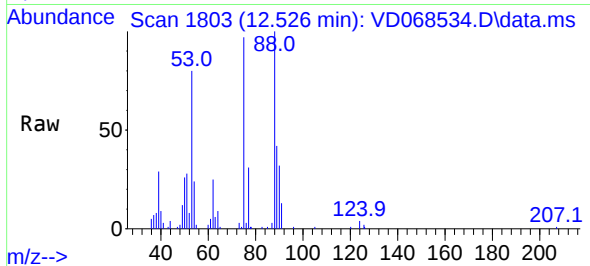
Tgt Ion: 105 Resp: 585908
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.06 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

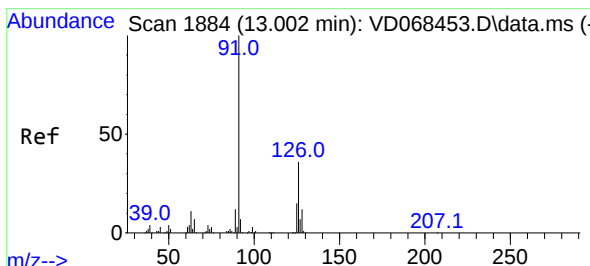
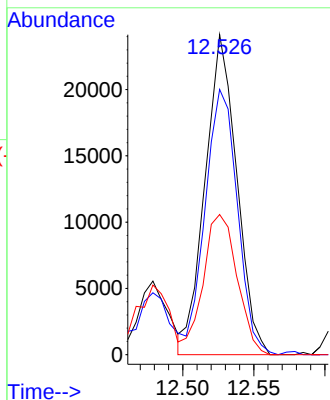
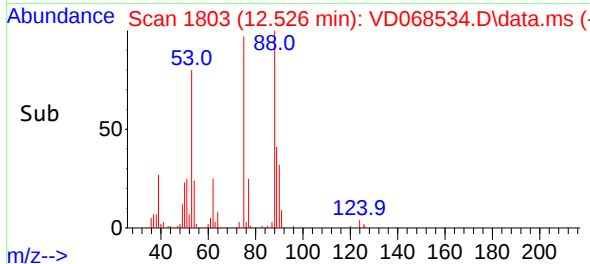
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



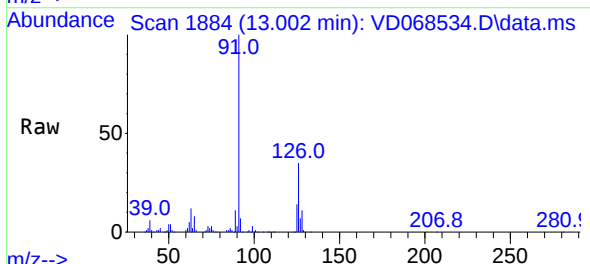
Tgt Ion: 75 Resp: 37408
Ion Ratio Lower Upper
75 100
53 83.6 70.2 105.2
89 47.2 40.3 60.5

Manual Integrations
APPROVED

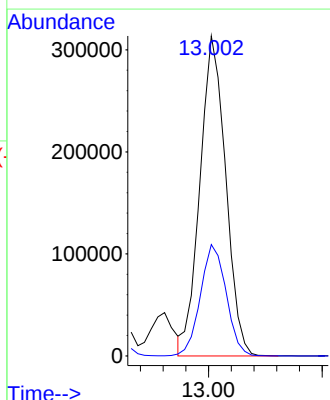
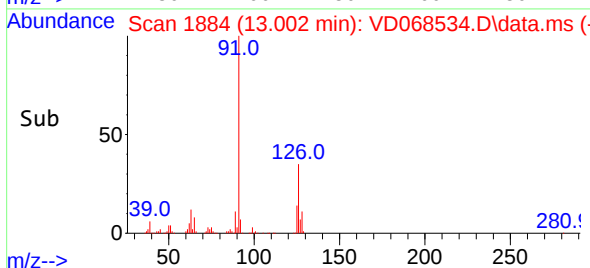
MMDadoda
3/5/2021 10:11:13 AM

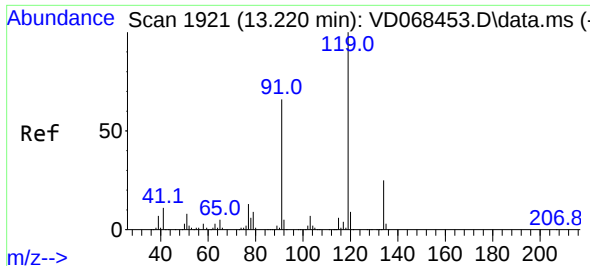


#82
4-Chlorotoluene
Concen: 46.65 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



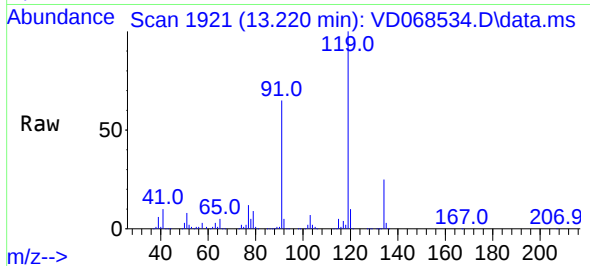
Tgt Ion: 91 Resp: 493968
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 46.97 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

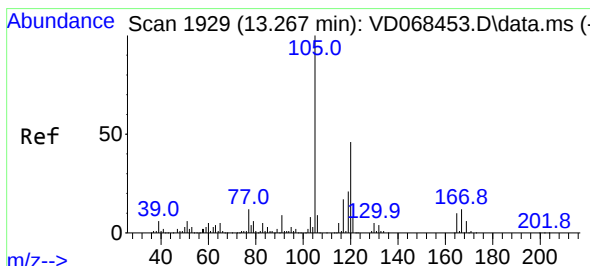
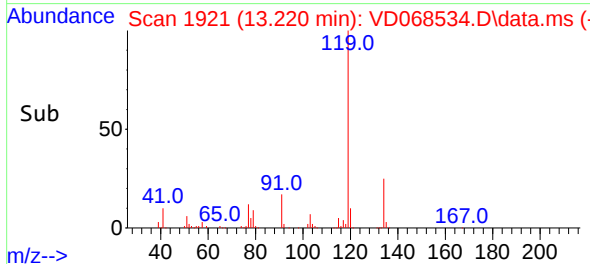
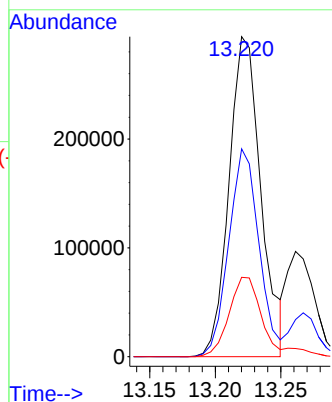
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



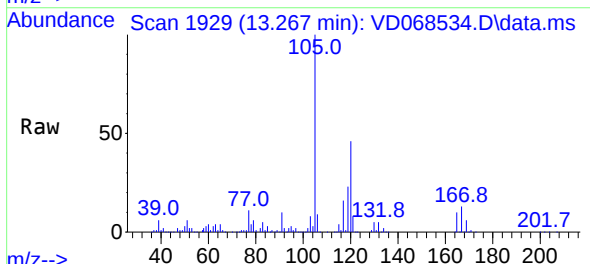
Tgt Ion:119 Resp: 497362
Ion Ratio Lower Upper
119 100
91 61.6 31.1 93.5
134 26.7 13.3 39.8

Manual Integrations
APPROVED

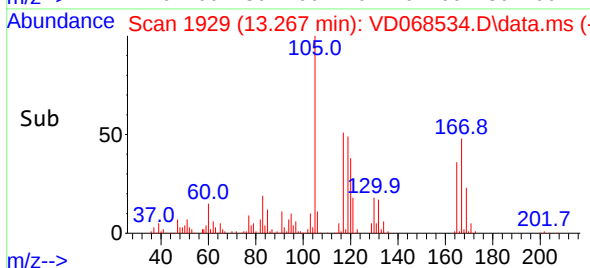
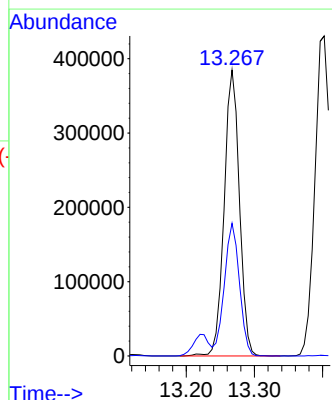
MMDadoda
3/5/2021 10:11:13 AM

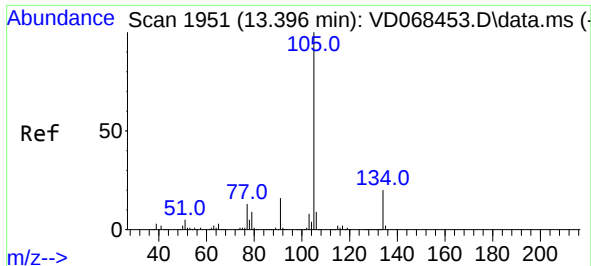


#84
1,2,4-Trimethylbenzene
Concen: 48.09 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



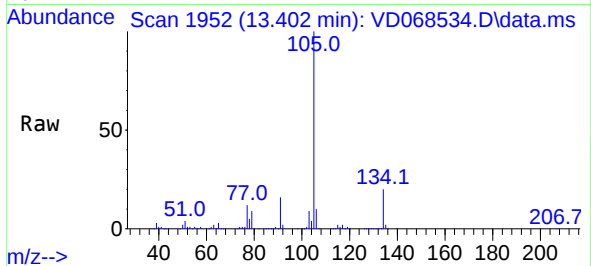
Tgt Ion:105 Resp: 598957
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 46.09 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068534.D
 Acq: 04 Mar 2021 19:21

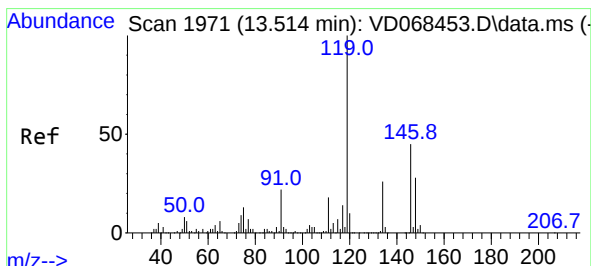
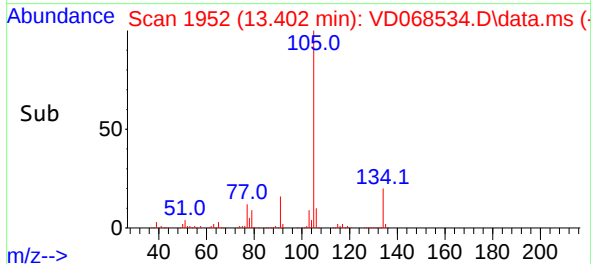
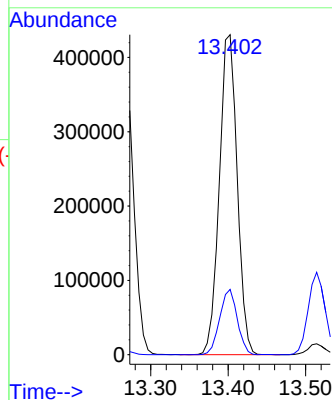
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



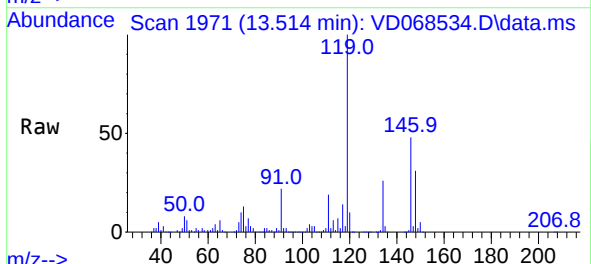
Tgt Ion:105 Resp: 689332
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9

Manual Integrations
 APPROVED

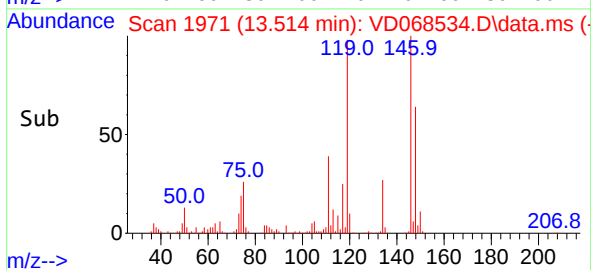
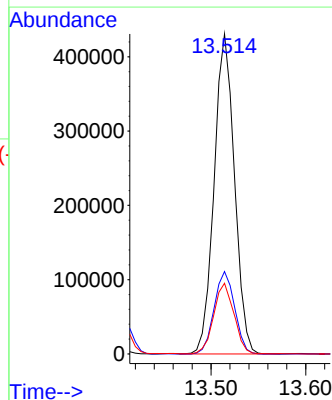
MMDadoda
 3/5/2021 10:11:13 AM

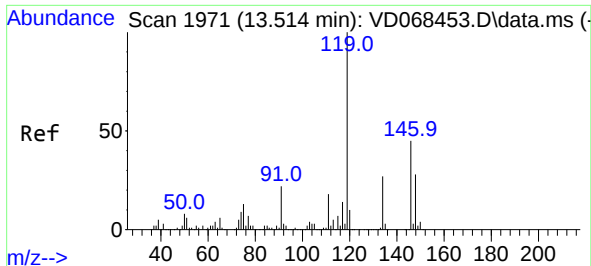


#86
 p-Isopropyltoluene
 Concen: 47.31 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068534.D
 Acq: 04 Mar 2021 19:21



Tgt Ion:119 Resp: 642331
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 21.9 11.7 35.0





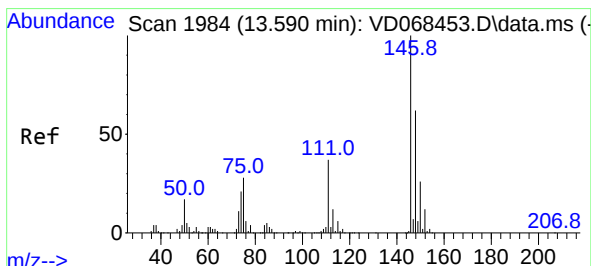
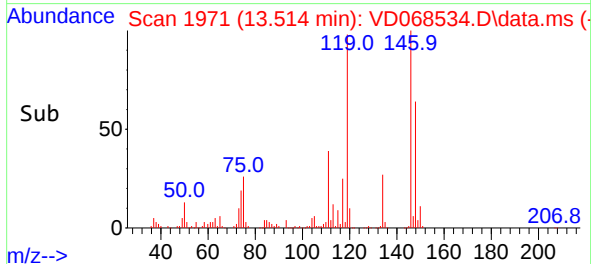
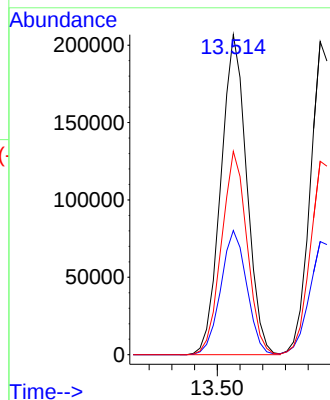
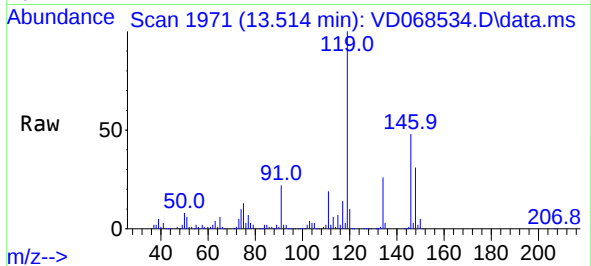
#87
1,3-Dichlorobenzene
Concen: 48.87 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:146 Resp: 326847
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 62.8 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

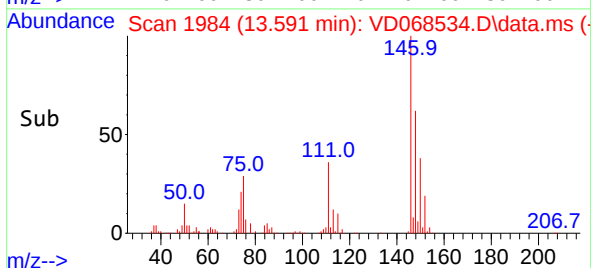
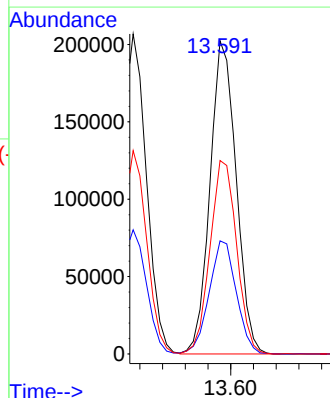
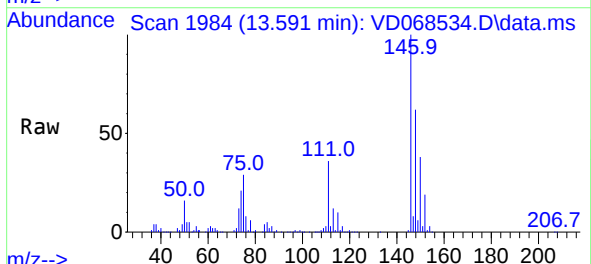
Manual Integrations
APPROVED

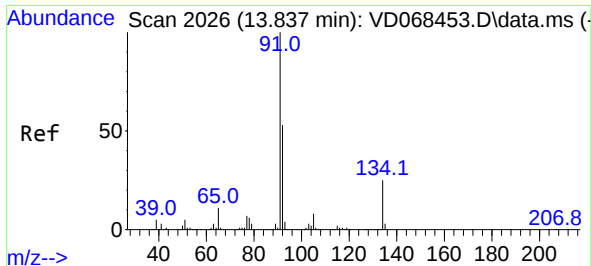
MMDadoda
3/5/2021 10:11:13 AM



#88
1,4-Dichlorobenzene
Concen: 48.88 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

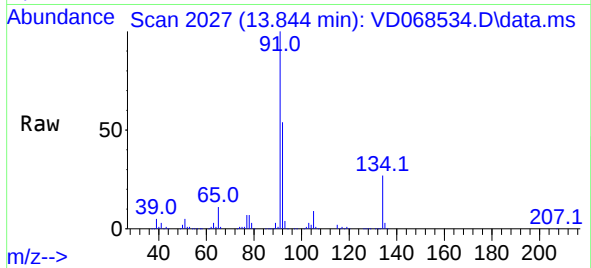
Tgt Ion:146 Resp: 323848
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.1
148 63.0 31.9 95.7





#89
n-Butylbenzene
Concen: 45.31 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

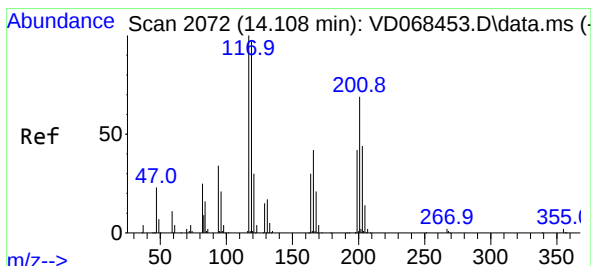
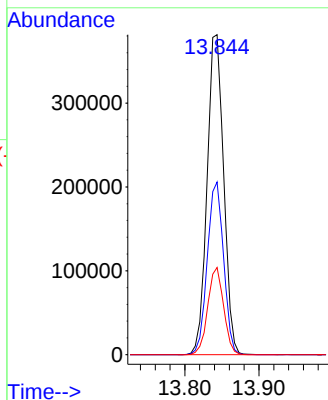
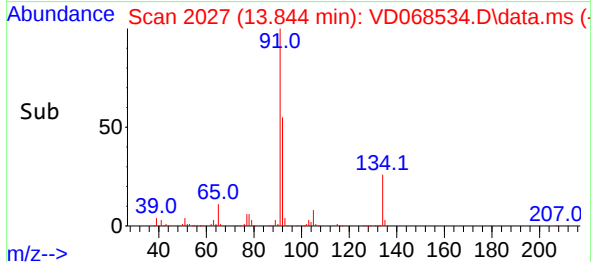
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



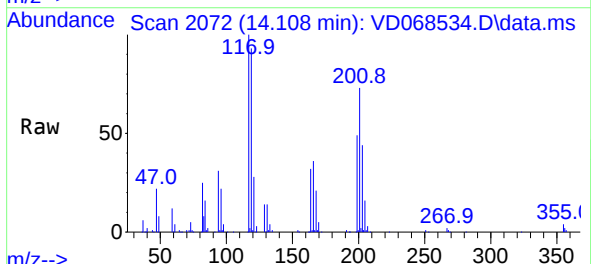
Tgt Ion: 91 Resp: 593384
Ion Ratio Lower Upper
91 100
92 53.0 27.2 81.6
134 26.1 13.9 41.7

Manual Integrations
APPROVED

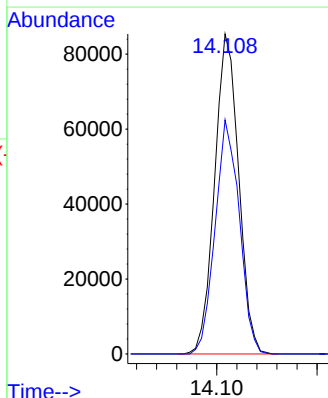
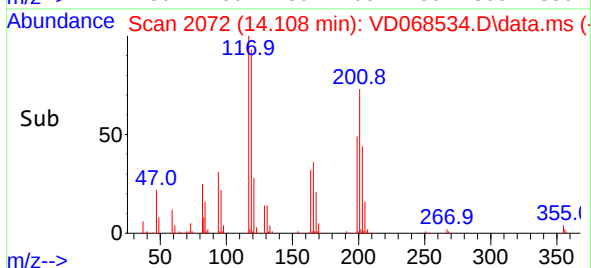
MMDadoda
3/5/2021 10:11:13 AM

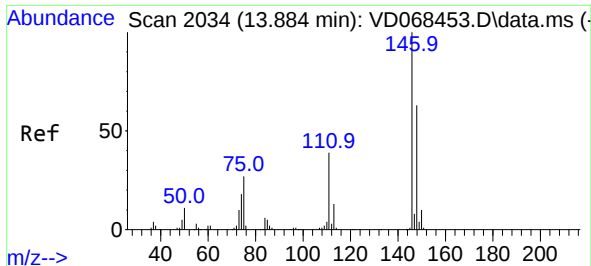


#90
Hexachloroethane
Concen: 52.56 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21



Tgt Ion: 117 Resp: 141827
Ion Ratio Lower Upper
117 100
201 73.6 39.5 118.5





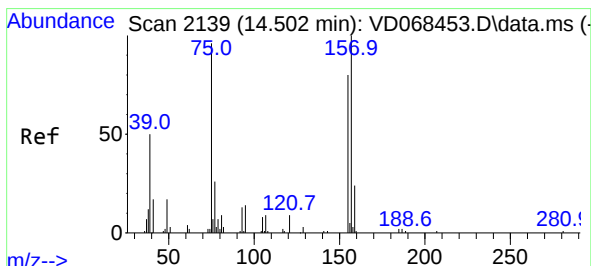
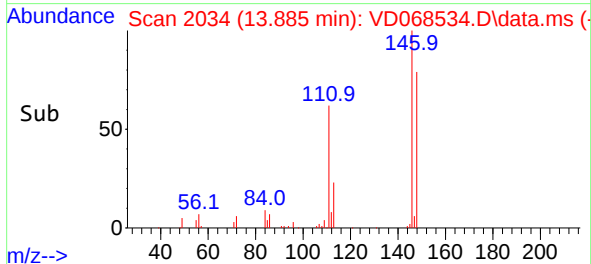
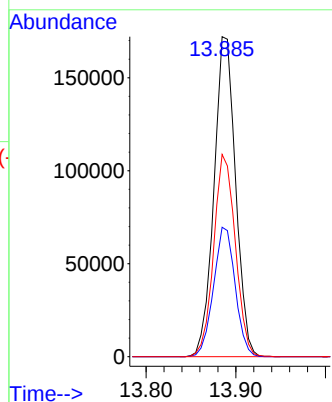
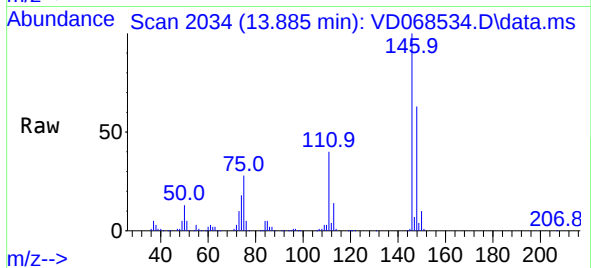
#91
1,2-Dichlorobenzene
Concen: 50.20 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:146 Resp: 287946
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 63.3 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

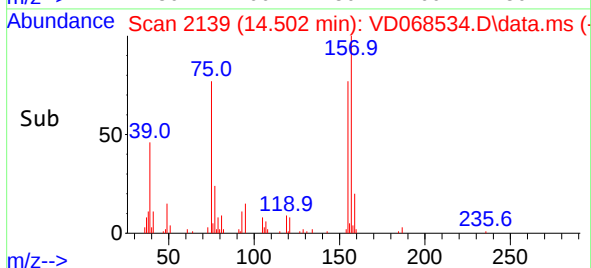
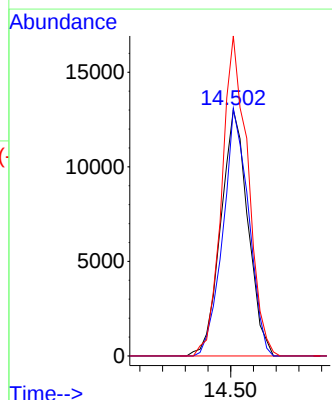
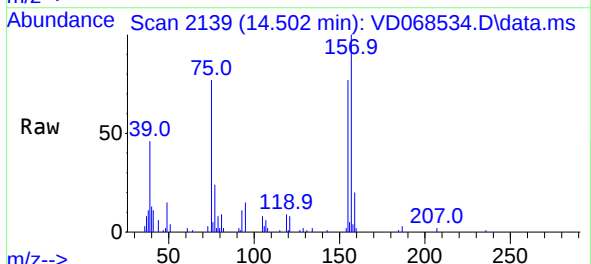
Manual Integrations
APPROVED

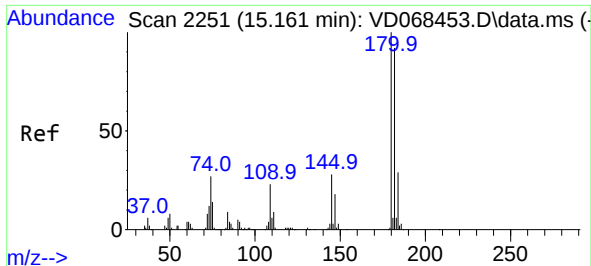
MMDadoda
3/5/2021 10:11:13 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.73 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion: 75 Resp: 21502
Ion Ratio Lower Upper
75 100
155 95.2 48.0 144.2
157 125.1 65.0 194.8





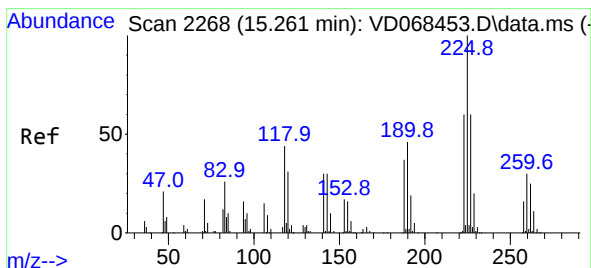
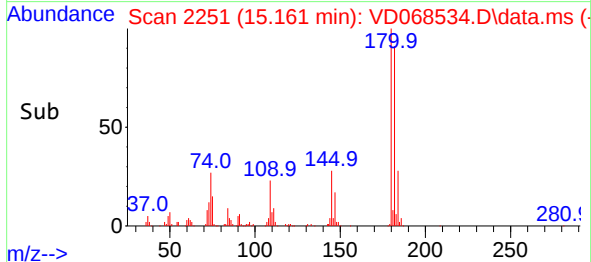
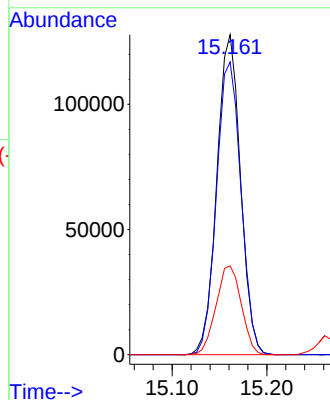
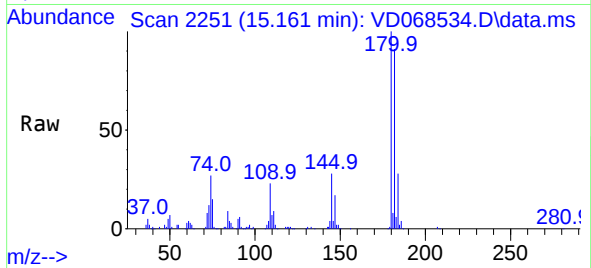
#93
1,2,4-Trichlorobenzene
Concen: 49.97 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:180 Resp: 221403
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 29.7 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

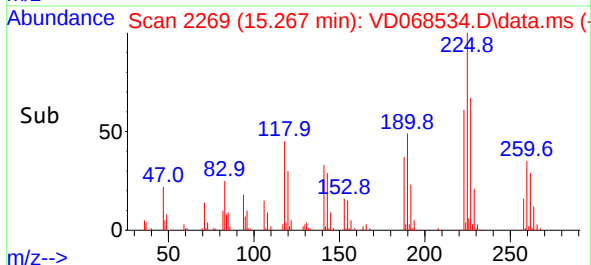
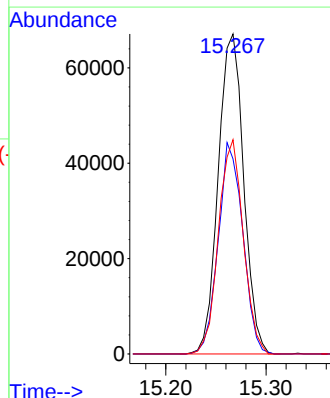
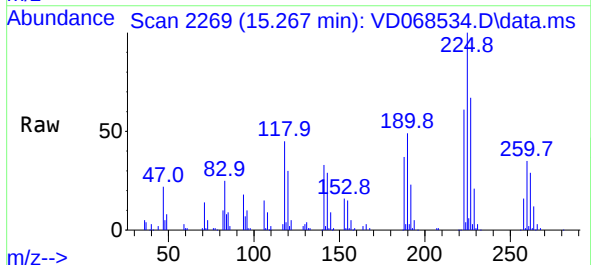
Manual Integrations
APPROVED

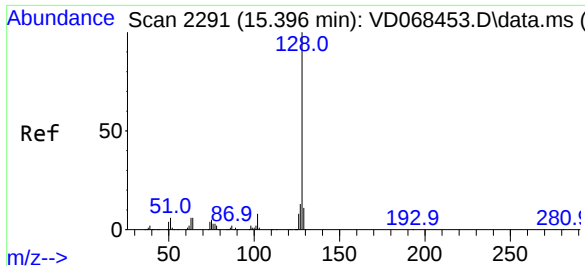
MMDadoda
3/5/2021 10:11:13 AM



#94
Hexachlorobutadiene
Concen: 48.13 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:225 Resp: 118368
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.5
227 65.2 32.1 96.5





#95
Naphthalene
Concen: 50.36 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

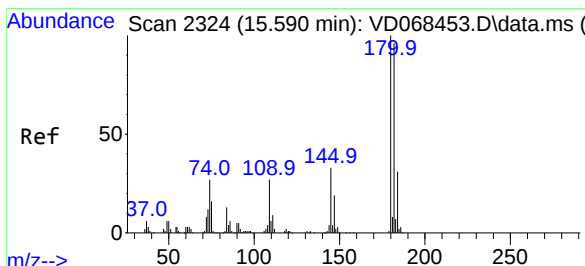
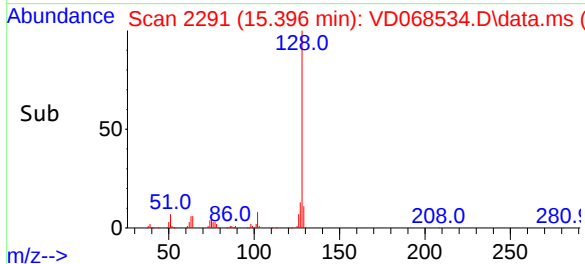
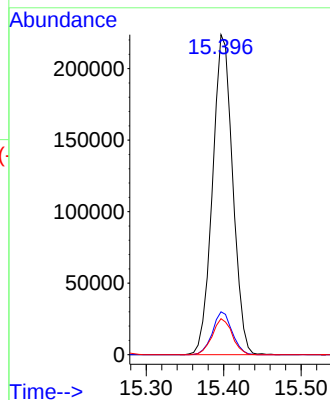
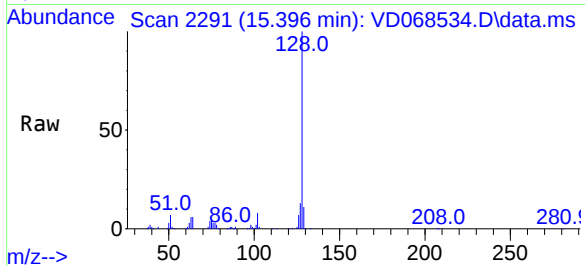
Tgt Ion:128 Resp: 403975

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.75 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068534.D
Acq: 04 Mar 2021 19:21

Tgt Ion:180 Resp: 190840

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.8
145	31.9	16.7	50.1

