

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068505.D
 Acq On : 03 Mar 2021 11:28
 Operator : VA/SY
 Sample : VD0303SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:04:17 PM

Quant Time: Mar 04 00:01:10 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	7.979	168	307231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	522282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	482218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	233397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147369	48.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.02%		
35) Dibromofluoromethane	7.914	113	158742	50.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.90%		
50) Toluene-d8	10.338	98	616475	49.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.38%		
62) 4-Bromofluorobenzene	12.632	95	205088	50.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	58128	19.50	ug/l	99
3) Chloromethane	2.209	50	72708	19.30	ug/l	97
4) Vinyl Chloride	2.350	62	88120	19.70	ug/l	97
5) Bromomethane	2.756	94	64758	20.33	ug/l	87
6) Chloroethane	2.914	64	57658	19.93	ug/l	98
7) Trichlorofluoromethane	3.273	101	106220	20.81	ug/l	98
8) Diethyl Ether	3.714	74	29876	19.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	64759	20.83	ug/l	97
10) Methyl Iodide	4.297	142	59771	17.85	ug/l	93
11) Tert butyl alcohol	5.220	59	17500	106.78	ug/l	99
12) 1,1-Dichloroethene	4.067	96	61440	19.91	ug/l	98
13) Acrolein	3.926	56	21618	92.29	ug/l	95
14) Allyl chloride	4.720	41	85070	21.35	ug/l	98
15) Acrylonitrile	5.420	53	70342	109.68	ug/l	99
16) Acetone	4.156	43	50548	103.67	ug/l	98
17) Carbon Disulfide	4.409	76	215246	21.29	ug/l	99
18) Methyl Acetate	4.714	43	27819	22.14	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	143297	21.42	ug/l	94
20) Methylene Chloride	4.961	84	94643	23.77	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	79026	21.45	ug/l	99
22) Diisopropyl ether	6.367	45	168340	19.19	ug/l	97
23) Vinyl Acetate	6.308	43	429935	94.46	ug/l	99
24) 1,1-Dichloroethane	6.261	63	120827	20.09	ug/l	99
25) 2-Butanone	7.208	43	67911	96.89	ug/l	96
26) 2,2-Dichloropropane	7.208	77	100170	20.00	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	80669	19.95	ug/l	99
28) Bromochloromethane	7.550	49	43323	18.46	ug/l	87
29) Tetrahydrofuran	7.561	42	43087	94.67	ug/l	98
30) Chloroform	7.714	83	127878	20.14	ug/l	99
31) Cyclohexane	7.985	56	105957	18.98	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	110760	20.43	ug/l	94
36) 1,1-Dichloropropene	8.114	75	98198	19.78	ug/l	98
37) Ethyl Acetate	7.285	43	33267	20.20	ug/l	96
38) Carbon Tetrachloride	8.102	117	96761	20.74	ug/l	100
39) Methylcyclohexane	9.355	83	121069	19.77	ug/l	92
40) Benzene	8.350	78	282712	19.85	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068505.D
 Acq On : 03 Mar 2021 11:28
 Operator : VA/SY
 Sample : VD0303SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:04:17 PM

Quant Time: Mar 04 00:01:10 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	7.532	41	18181	19.02	ug/l #	88
42) 1,2-Dichloroethane	8.426	62	75260	20.10	ug/l	98
43) Isopropyl Acetate	8.450	43	59951	19.80	ug/l	99
44) Trichloroethene	9.114	130	78326	20.04	ug/l	86
45) 1,2-Dichloropropane	9.385	63	69706	20.47	ug/l	91
46) Dibromomethane	9.473	93	38234	20.64	ug/l	94
47) Bromodichloromethane	9.661	83	99836	20.84	ug/l	94
48) Methyl methacrylate	9.455	41	33012	20.46	ug/l	98
49) 1,4-Dioxane	9.461	88	8263	391.22	ug/l	90
51) 4-Methyl-2-Pentanone	10.226	43	155401	98.10	ug/l	99
52) Toluene	10.402	92	186297	20.49	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	91821	20.74	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	108550	20.09	ug/l	100
55) 1,1,2-Trichloroethane	10.802	97	54228	21.16	ug/l	94
56) Ethyl methacrylate	10.661	69	58084	19.72	ug/l	98
57) 1,3-Dichloropropane	10.949	76	89502	20.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	141322	95.62	ug/l	94
59) 2-Hexanone	10.985	43	103467	97.99	ug/l	100
60) Dibromochloromethane	11.138	129	65532	20.65	ug/l	97
61) 1,2-Dibromoethane	11.249	107	51331	20.47	ug/l	100
64) Tetrachloroethene	10.879	164	66477	21.11	ug/l	97
65) Chlorobenzene	11.667	112	201491	20.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	67664	19.82	ug/l	94
67) Ethyl Benzene	11.743	91	348856	19.90	ug/l	97
68) m/p-Xylenes	11.849	106	269405	40.47	ug/l	98
69) o-Xylene	12.179	106	122799	20.03	ug/l	96
70) Styrene	12.196	104	214168	20.43	ug/l	98
71) Bromoform	12.361	173	37050	21.36	ug/l #	100
73) Isopropylbenzene	12.479	105	333102	19.24	ug/l	99
74) N-amyl acetate	12.290	43	56523	19.17	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	60733	20.39	ug/l	96
76) 1,2,3-Trichloropropane	12.785	75	32412m	15.64	ug/l	
77) Bromobenzene	12.761	156	78244	19.81	ug/l	95
78) n-propylbenzene	12.820	91	401768	19.42	ug/l	99
79) 2-Chlorotoluene	12.908	91	223487	19.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	277698	19.57	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	18043	20.32	ug/l	95
82) 4-Chlorotoluene	13.002	91	234713	19.43	ug/l	100
83) tert-Butylbenzene	13.226	119	237444	19.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	278042	19.57	ug/l	97
85) sec-Butylbenzene	13.402	105	338372	19.83	ug/l	98
86) p-Isopropyltoluene	13.514	119	302873	19.55	ug/l	97
87) 1,3-Dichlorobenzene	13.514	146	151155	19.81	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	156312	20.68	ug/l	99
89) n-Butylbenzene	13.843	91	291724	19.52	ug/l	97
90) Hexachloroethane	14.108	117	63992	20.79	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	139454	21.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9961	18.98	ug/l	94
93) 1,2,4-Trichlorobenzene	15.161	180	103158	20.41	ug/l	99
94) Hexachlorobutadiene	15.261	225	57463	20.48	ug/l	97
95) Naphthalene	15.396	128	171482	18.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	89233	20.39	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068505.D
 Acq On : 03 Mar 2021 11:28
 Operator : VA/SY
 Sample : VD0303SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:04:17 PM

Quant Time: Mar 04 00:01:10 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

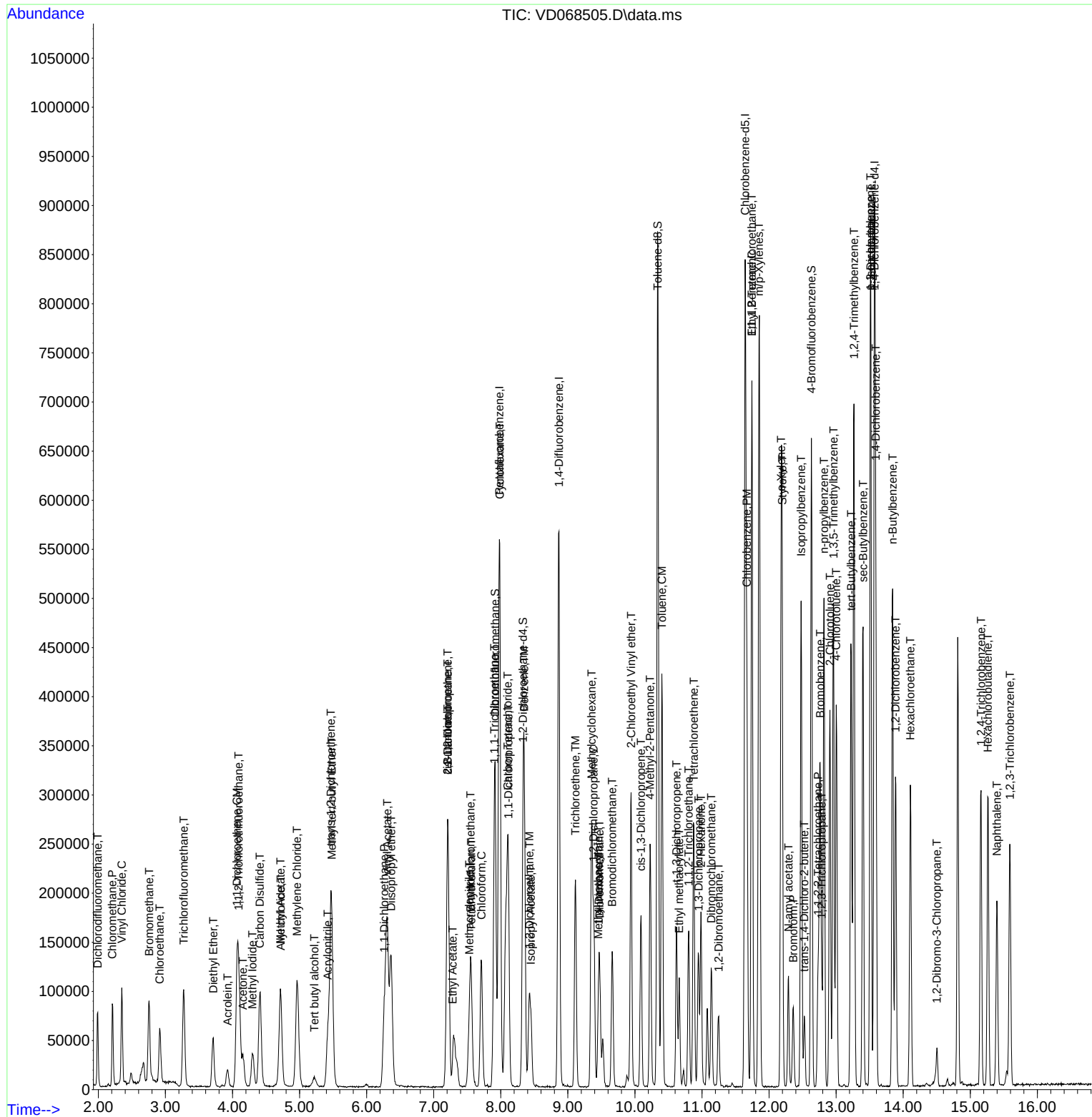
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
Data File : VD068505.D
Acq On : 03 Mar 2021 11:28
Operator : VA/SY
Sample : VD0303SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

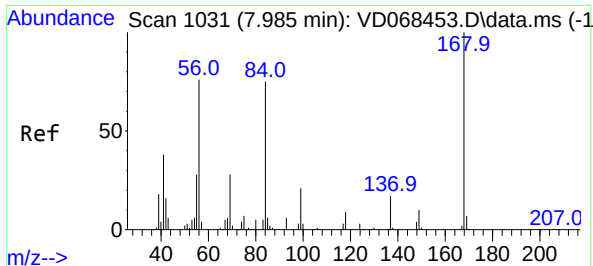
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM

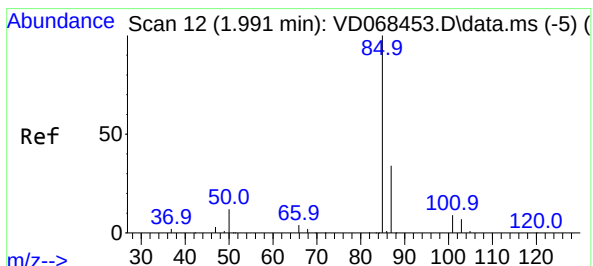
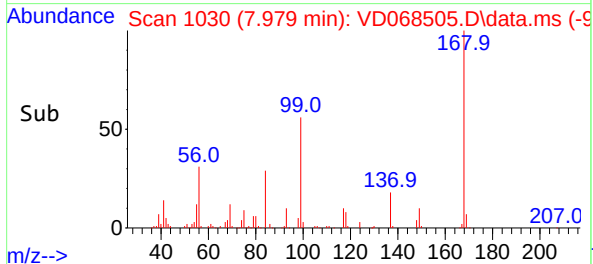
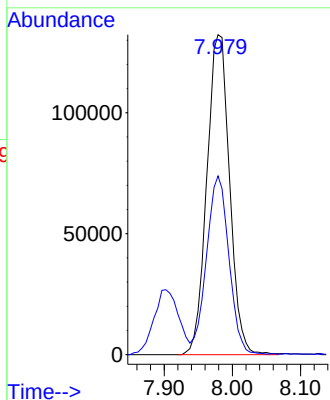
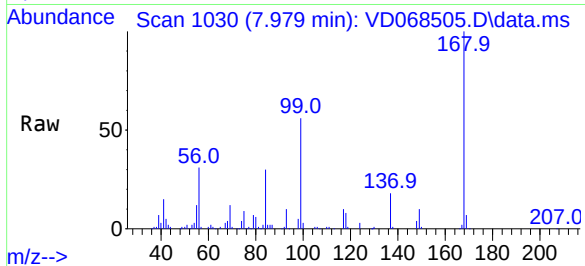
Quant Time: Mar 04 00:01:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration





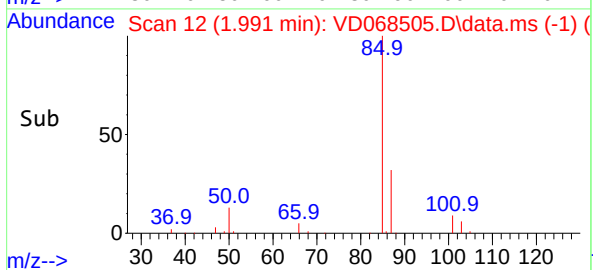
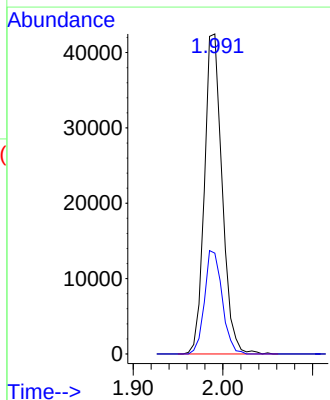
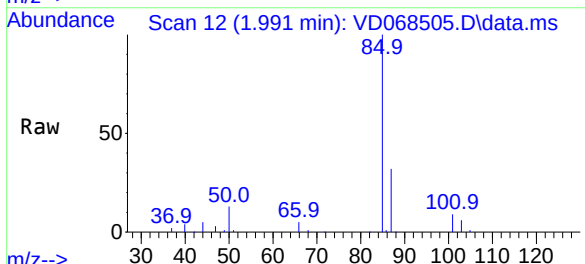
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 168 Resp: 307231
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



Dichlorodifluoromethane
Concen: 19.50 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

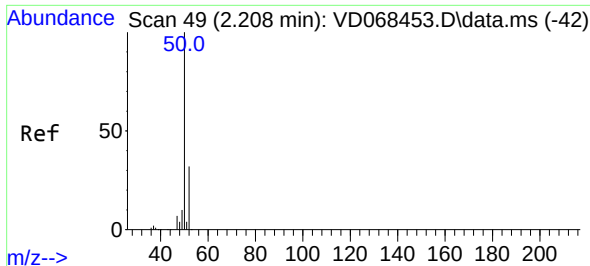
Tgt Ion: 85 Resp: 58128
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



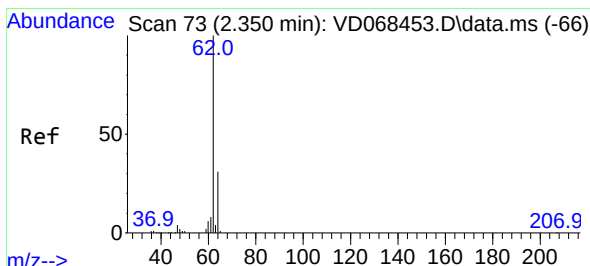
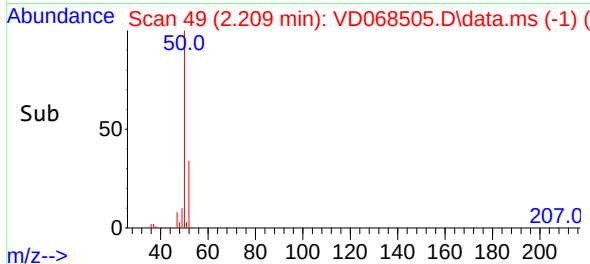
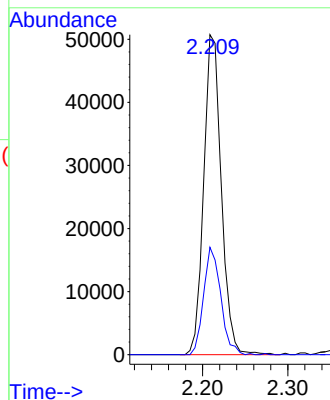
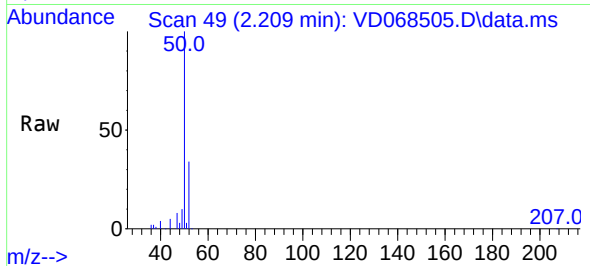
#3
Chloromethane
Concen: 19.30 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 50 Resp: 72708
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

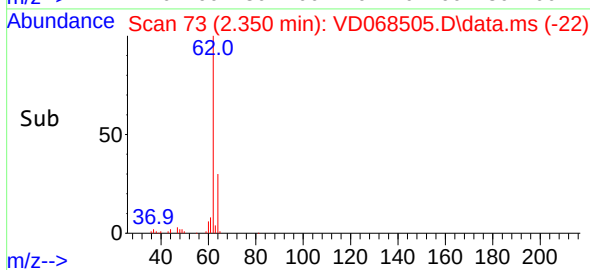
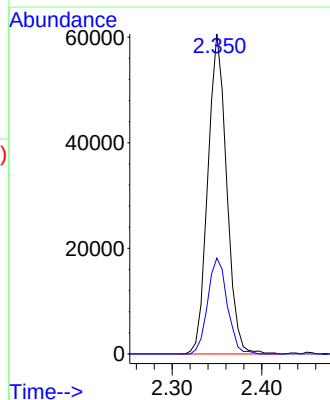
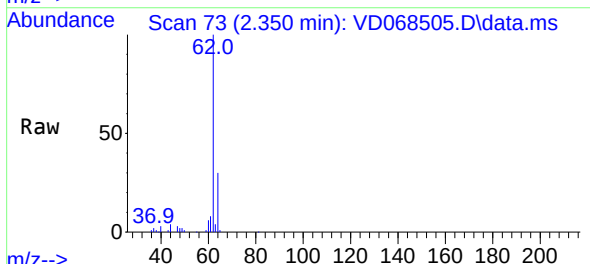
Manual Integrations
APPROVED

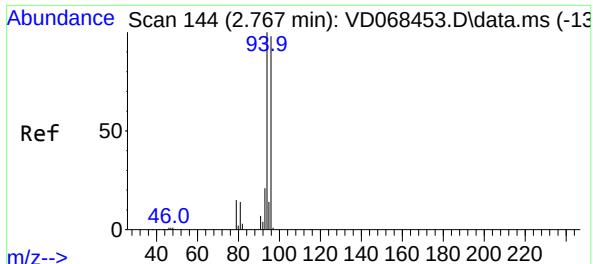
MMDadoda
3/4/2021 2:04:17 PM



#4
Vinyl Chloride
Concen: 19.70 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 62 Resp: 88120
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.2





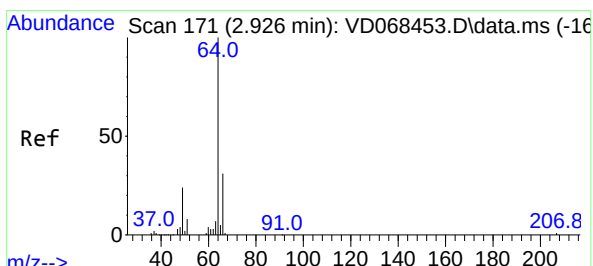
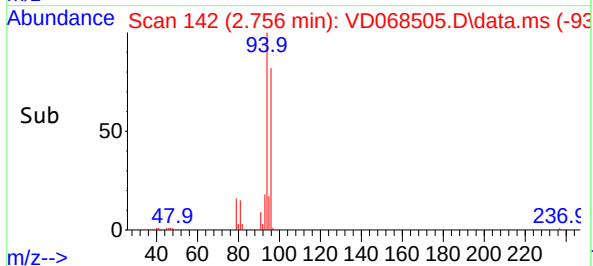
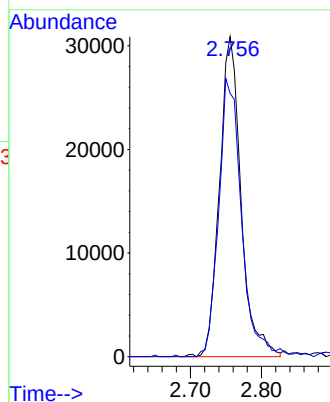
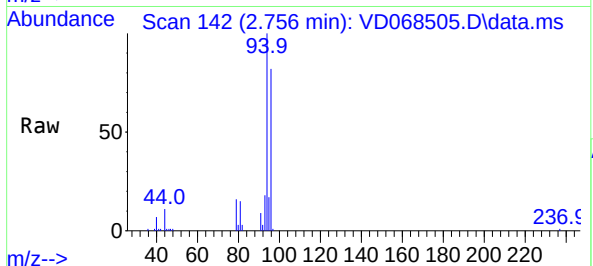
#5
Bromomethane
Concen: 20.33 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 94 Resp: 64758
Ion Ratio Lower Upper
94 100
96 82.3 75.8 113.8

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

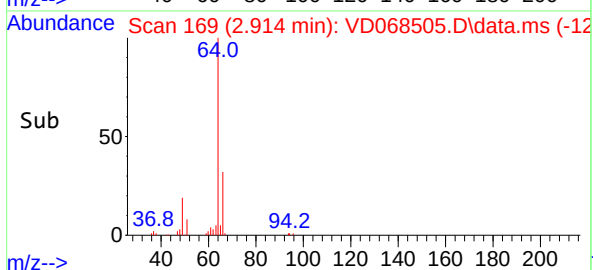
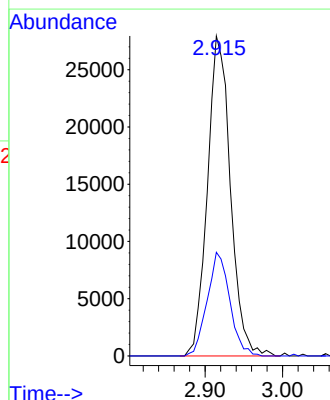
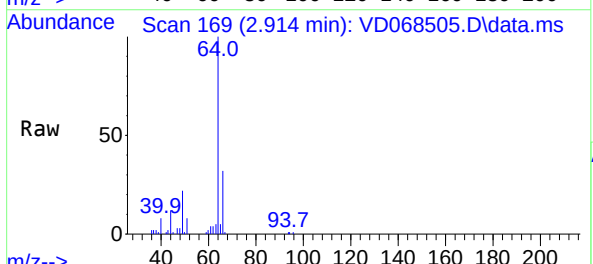
Manual Integrations
APPROVED

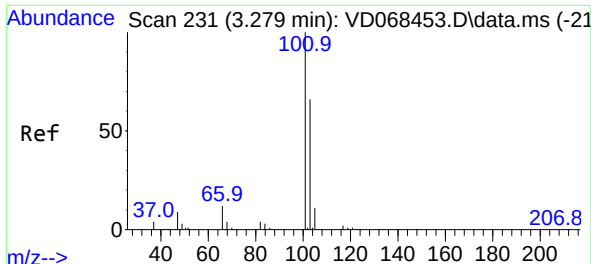
MMDadoda
3/4/2021 2:04:17 PM



#6
Chloroethane
Concen: 19.93 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.011 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 64 Resp: 57658
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





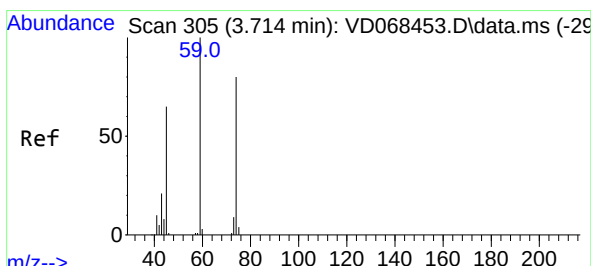
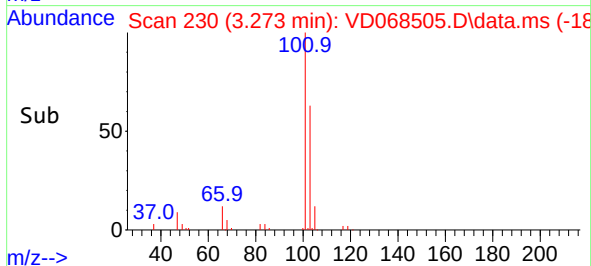
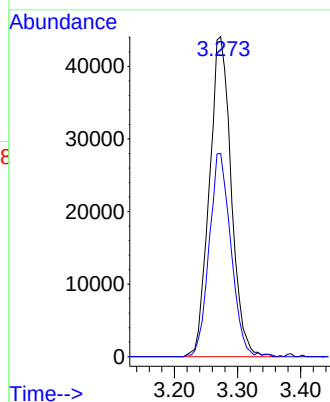
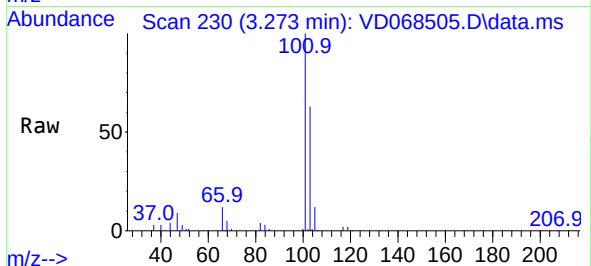
#7
Trichlorofluoromethane
Concen: 20.81 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:101 Resp: 106220
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

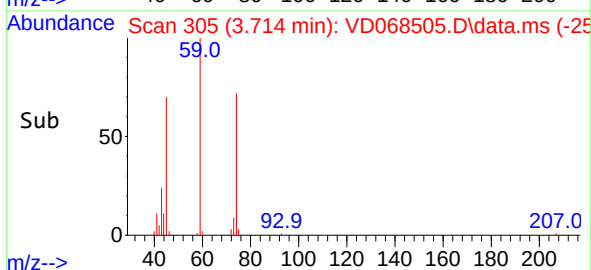
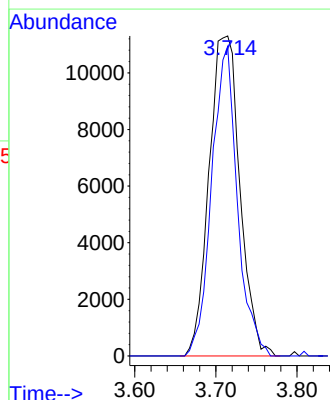
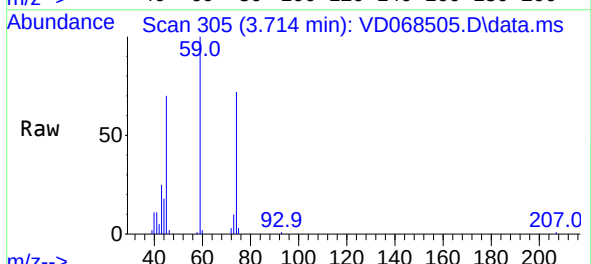
Manual Integrations
APPROVED

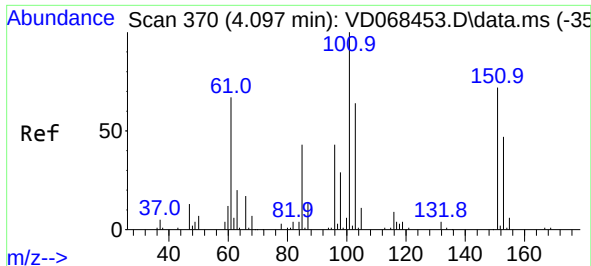
MMDadoda
3/4/2021 2:04:17 PM



#8
Diethyl Ether
Concen: 19.66 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 74 Resp: 29876
Ion Ratio Lower Upper
74 100
45 80.4 42.1 126.4





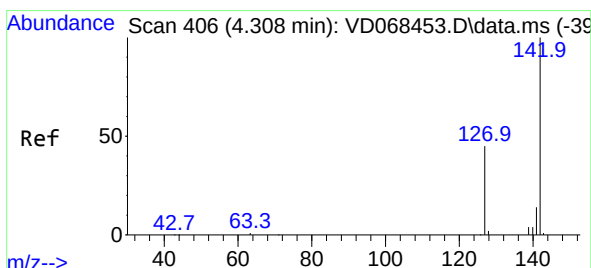
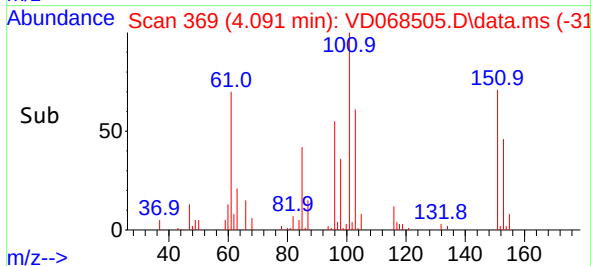
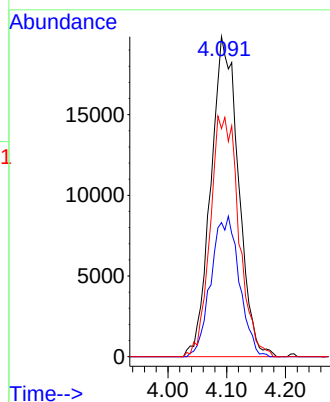
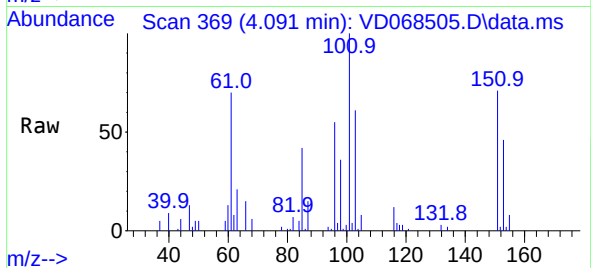
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.83 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:101 Resp: 64759
Ion Ratio Lower Upper
101 100
85 44.9 34.0 51.0
151 77.7 64.1 96.1

Instrument :
MSVOA_D
ClientSampled :
VD0303SBS01

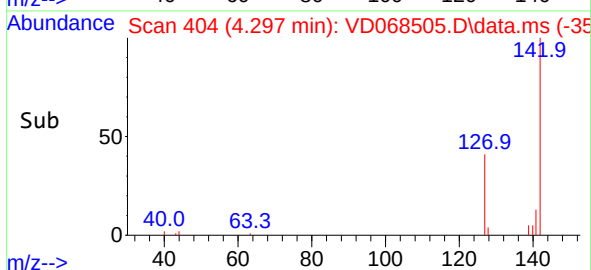
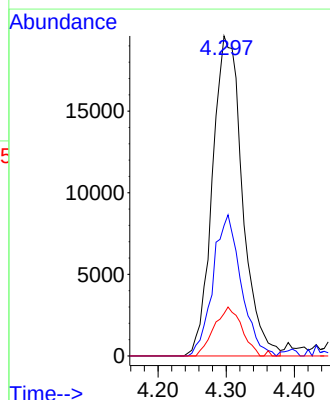
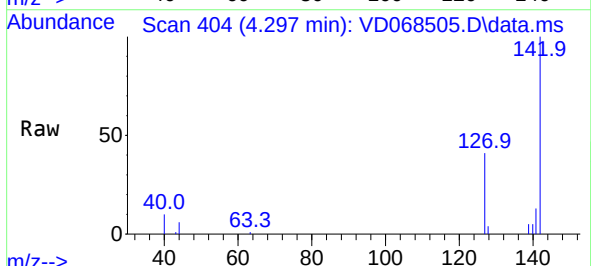
Manual Integrations
APPROVED

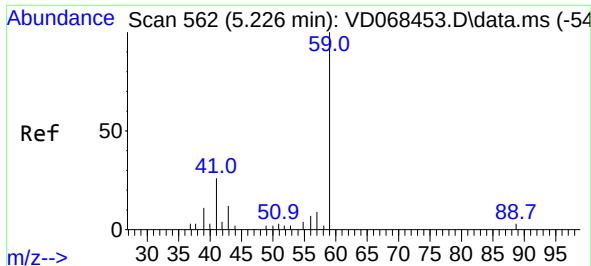
MMDadoda
3/4/2021 2:04:17 PM



#10
Methyl Iodide
Concen: 17.85 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

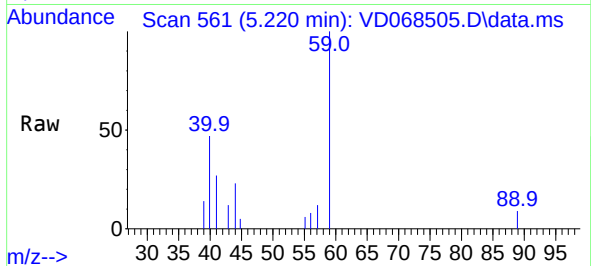
Tgt Ion:142 Resp: 59771
Ion Ratio Lower Upper
142 100
127 41.7 37.9 56.9
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 106.78 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

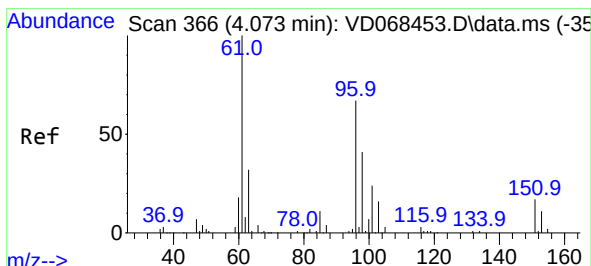
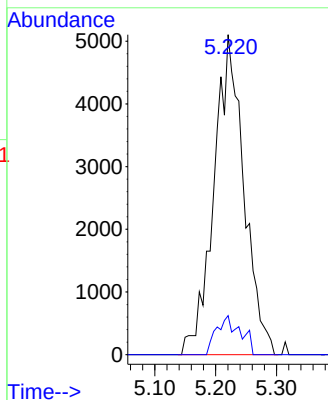
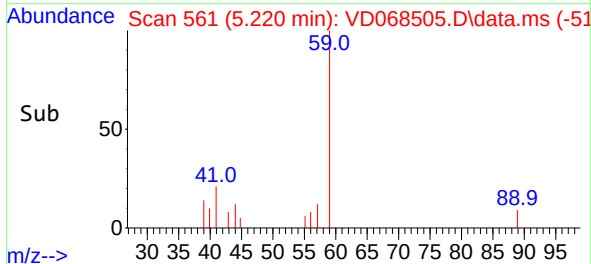
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



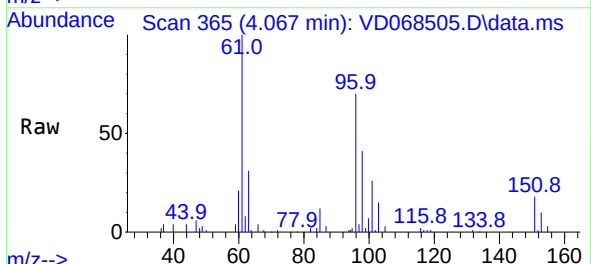
Tgt Ion: 59 Resp: 17500
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2

Manual Integrations
APPROVED

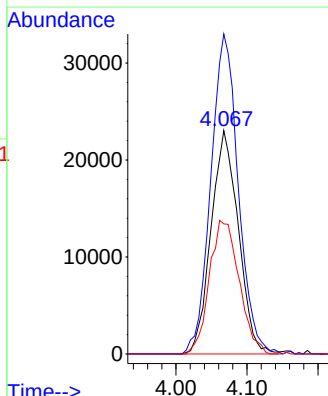
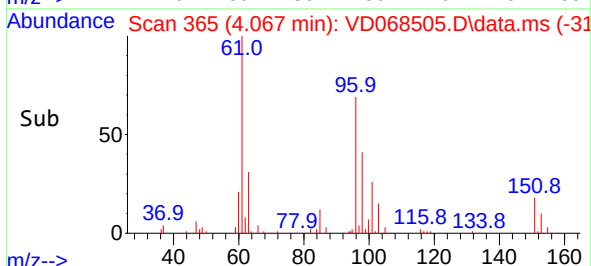
MMDadoda
3/4/2021 2:04:17 PM

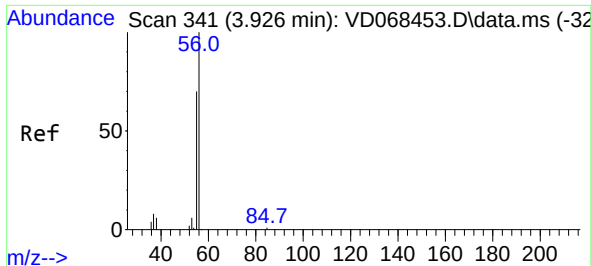


#12
1,1-Dichloroethene
Concen: 19.91 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 96 Resp: 61440
Ion Ratio Lower Upper
96 100
61 143.3 116.2 174.4
98 58.2 48.6 73.0





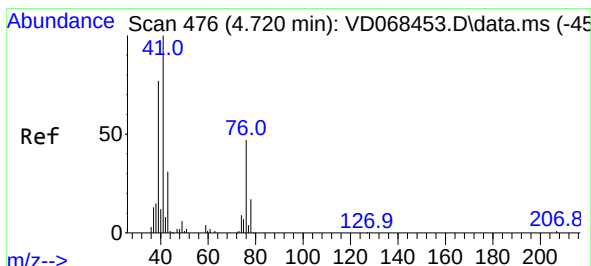
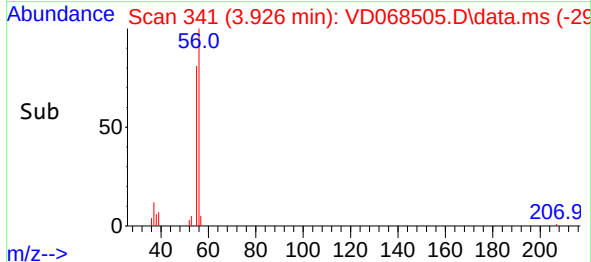
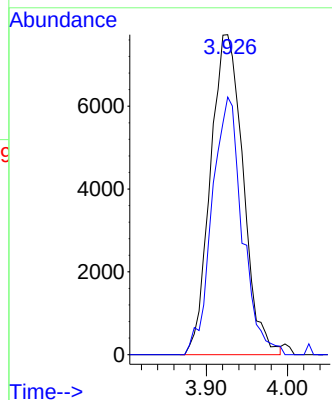
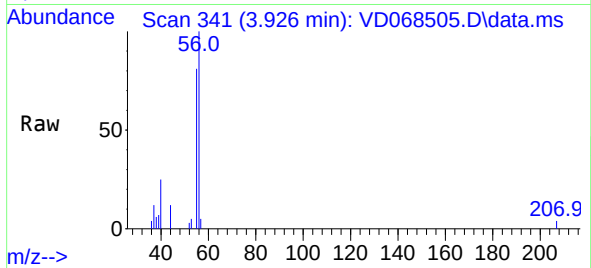
#13
Acrolein
Concen: 92.29 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 56 Resp: 21618
Ion Ratio Lower Upper
56 100
55 74.8 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

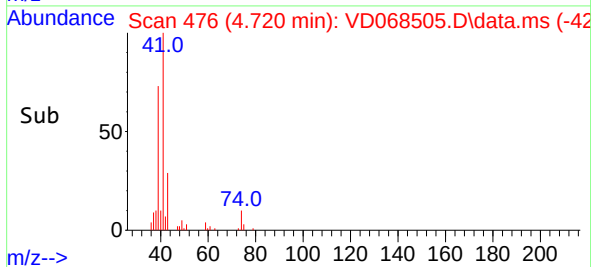
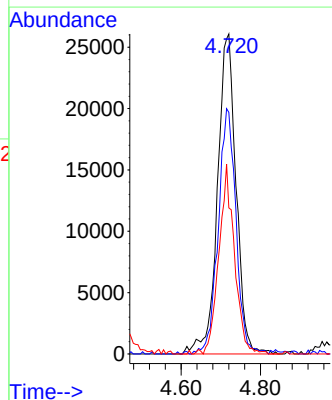
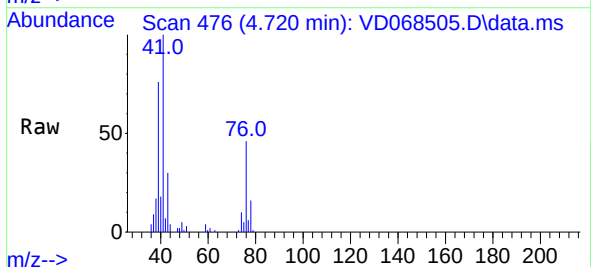
Manual Integrations
APPROVED

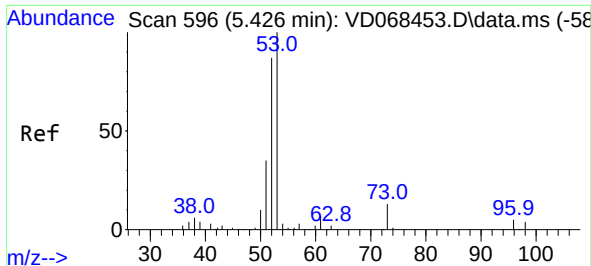
MMDadoda
3/4/2021 2:04:17 PM



#14
Allyl chloride
Concen: 21.35 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 41 Resp: 85070
Ion Ratio Lower Upper
41 100
39 73.1 56.3 84.5
76 49.5 38.9 58.3





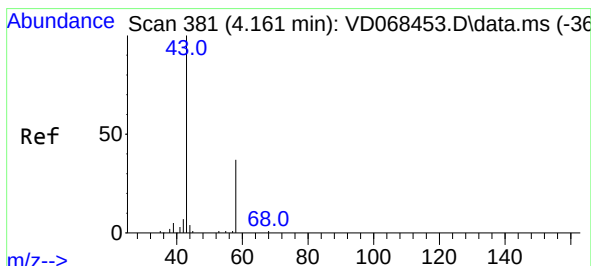
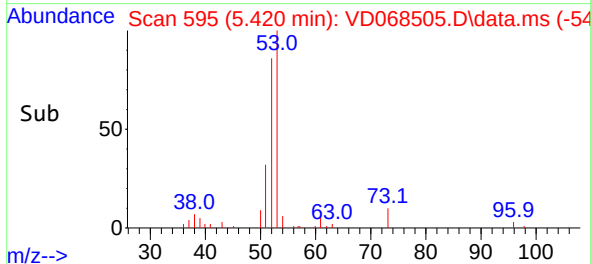
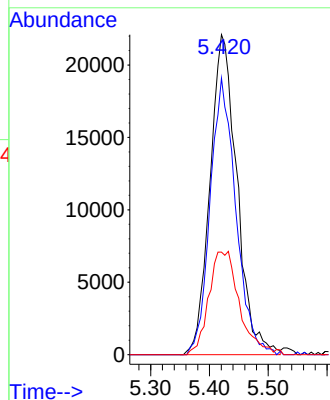
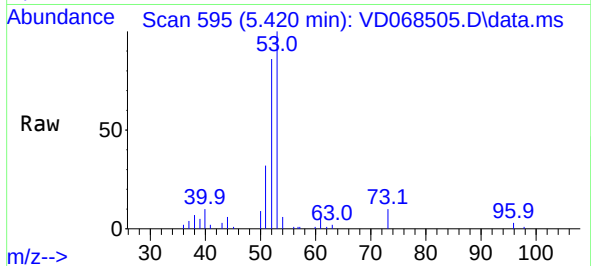
#15
Acrylonitrile
Concen: 109.68 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	53	Resp:	70342
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	36.9	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

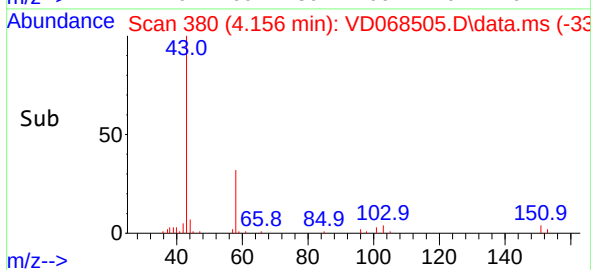
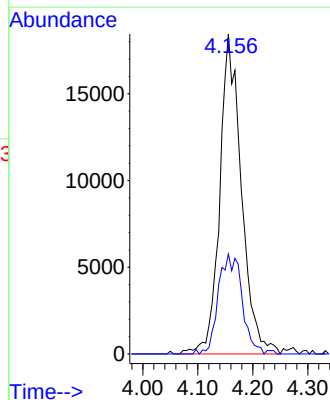
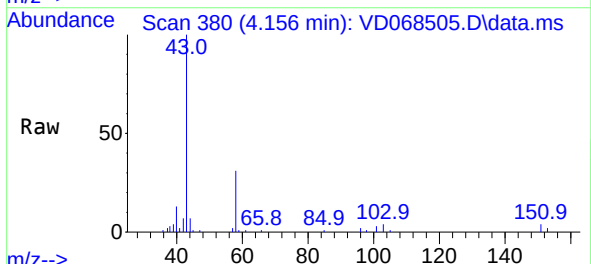
Manual Integrations
APPROVED

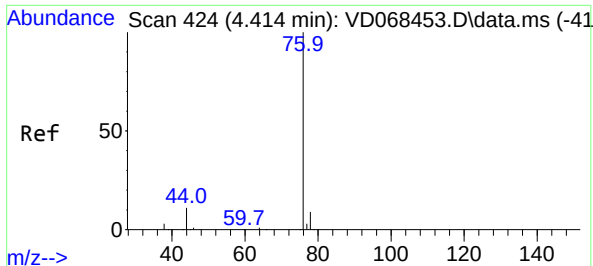
MMDadoda
3/4/2021 2:04:17 PM



#16
Acetone
Concen: 103.67 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	43	Resp:	50548
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.2	36.4





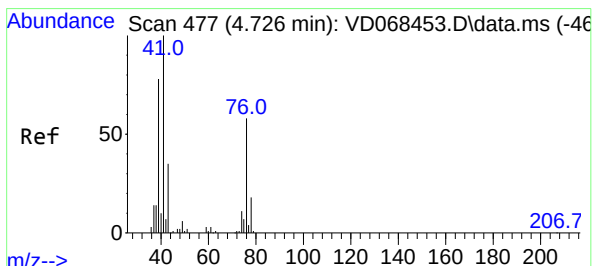
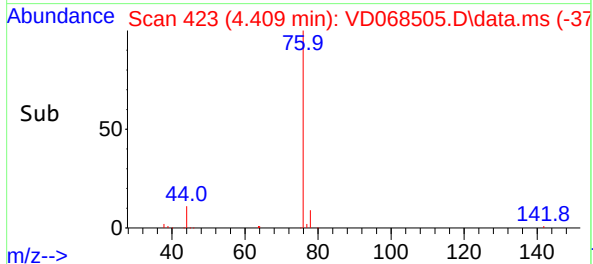
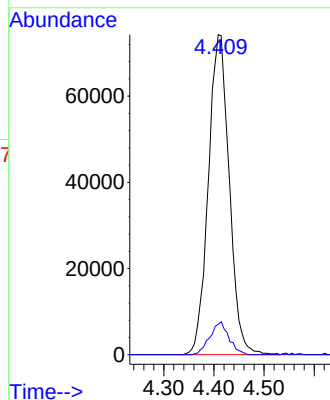
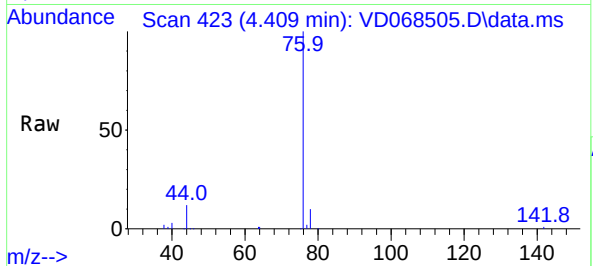
#17
Carbon Disulfide
Concen: 21.29 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 76 Resp: 215246
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

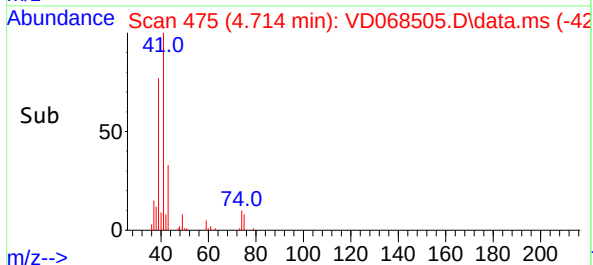
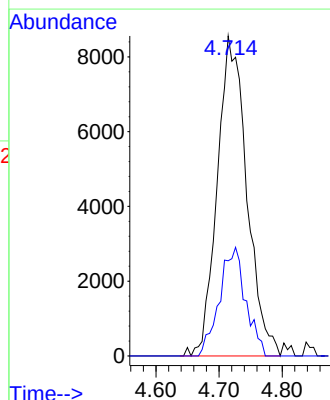
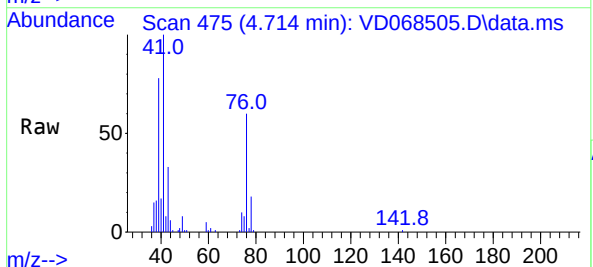
Manual Integrations
APPROVED

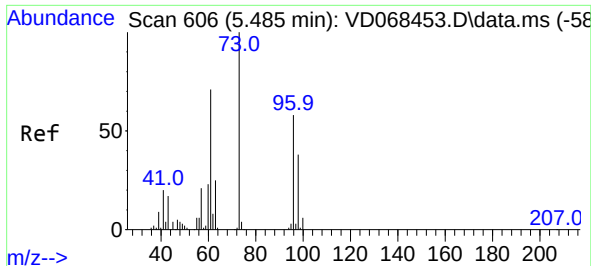
MMDadoda
3/4/2021 2:04:17 PM



#18
Methyl Acetate
Concen: 22.14 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 43 Resp: 27819
Ion Ratio Lower Upper
43 100
74 30.1 25.4 38.0



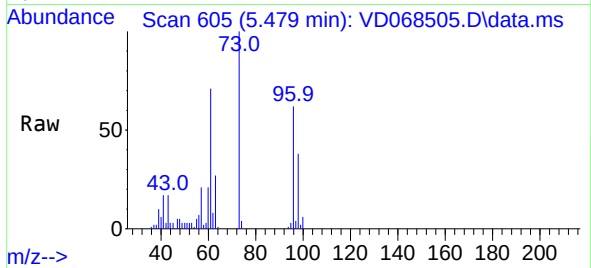


#19
Methyl tert-butyl Ether
Concen: 21.42 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

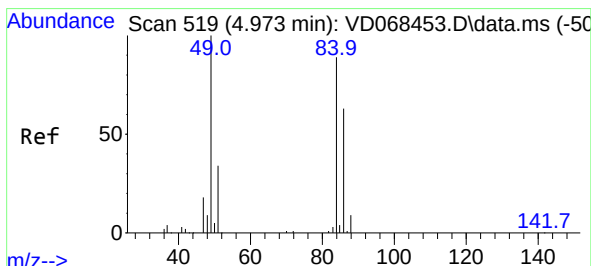
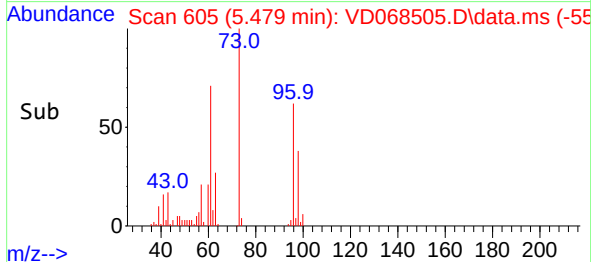
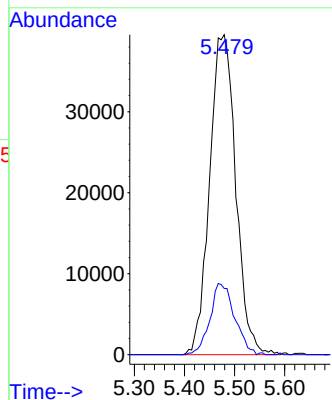
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM

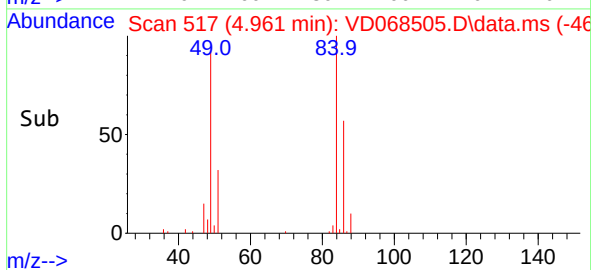
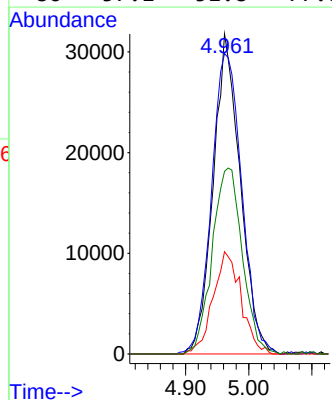
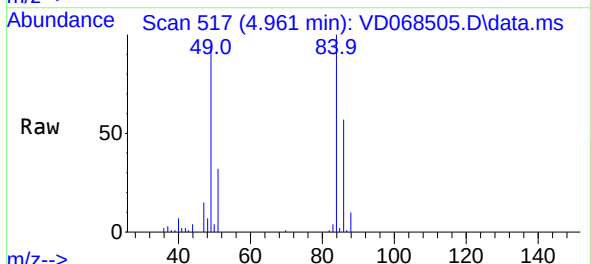


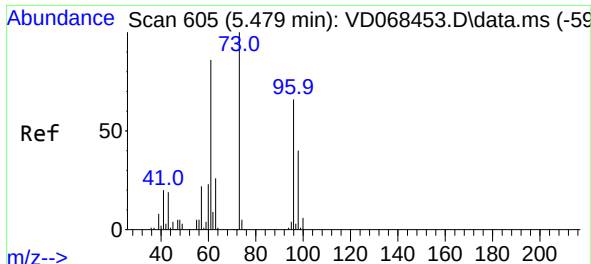
Tgt Ion: 73 Resp: 143297
Ion Ratio Lower Upper
73 100
57 20.7 14.4 21.6



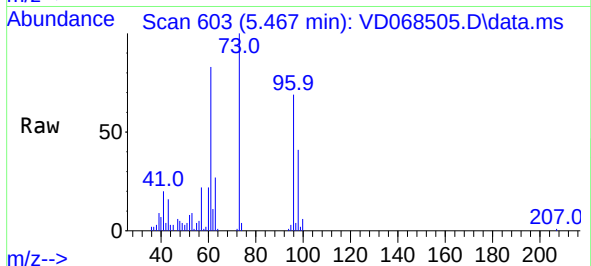
#20
Methylene Chloride
Concen: 23.77 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 84 Resp: 94643
Ion Ratio Lower Upper
84 100
49 93.9 77.4 116.2
51 32.0 26.1 39.1
86 57.1 51.8 77.8



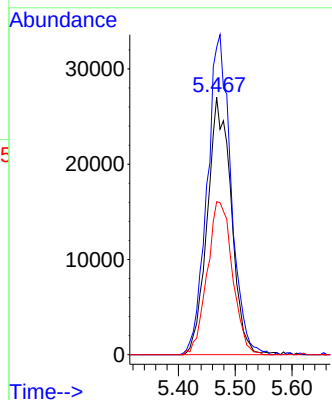


#21
trans-1,2-Dichloroethene
Concen: 21.45 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 96 Resp: 79026

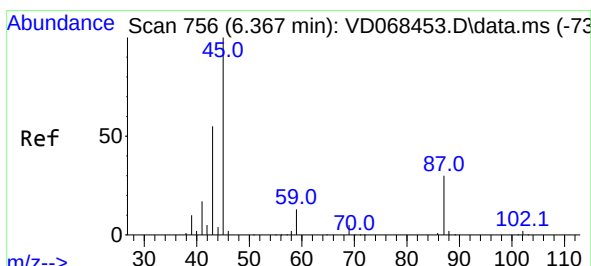
Ion	Ratio	Lower	Upper
96	100		
61	119.4	96.7	145.1
98	59.4	47.6	71.4



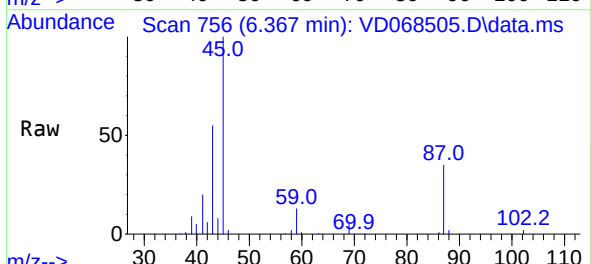
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM

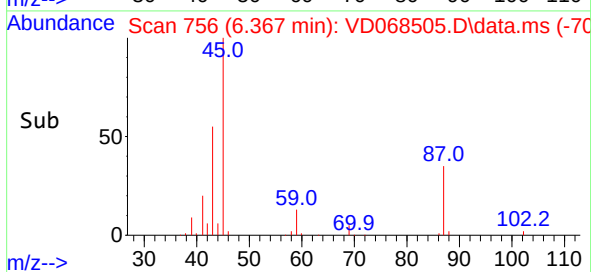
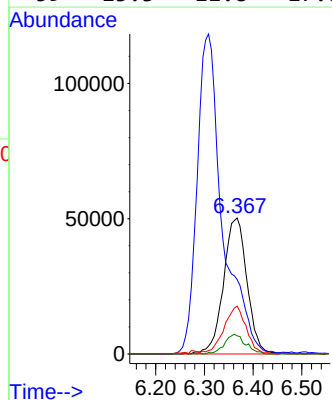


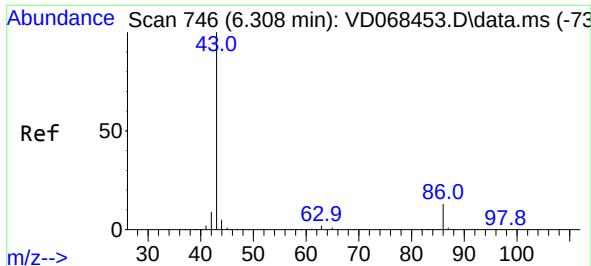
#22
Diisopropyl ether
Concen: 19.19 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 45 Resp: 168340

Ion	Ratio	Lower	Upper
45	100		
43	53.7	43.9	65.9
87	34.8	29.9	44.9
59	13.3	11.8	17.8





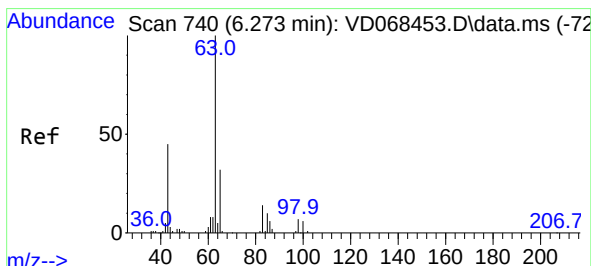
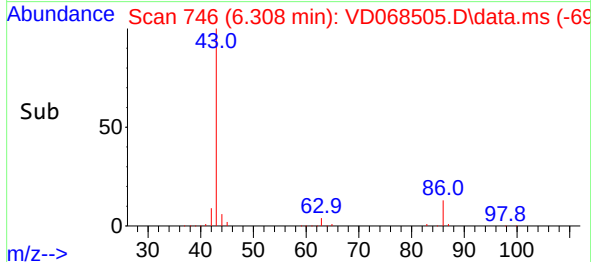
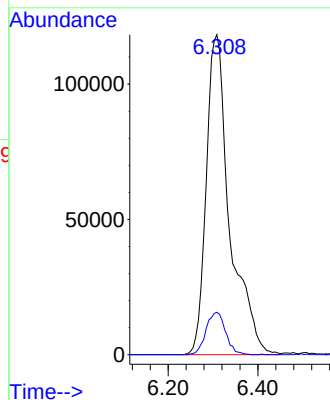
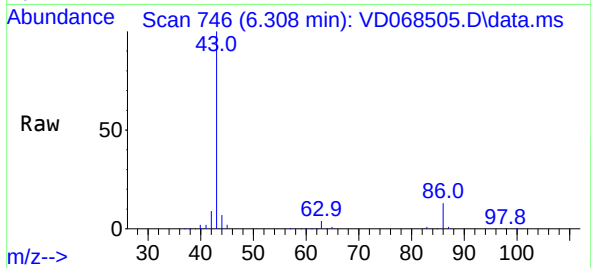
#23
 Vinyl Acetate
 Concen: 94.46 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068505.D
 Acq: 03 Mar 2021 11:28

Tgt Ion: 43 Resp: 429935
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBS01

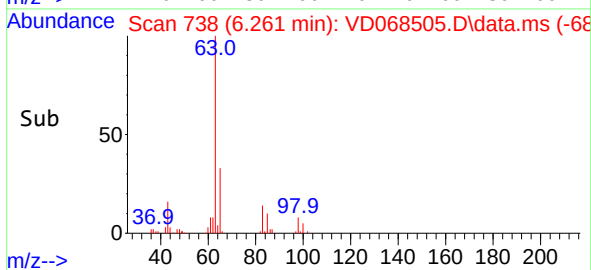
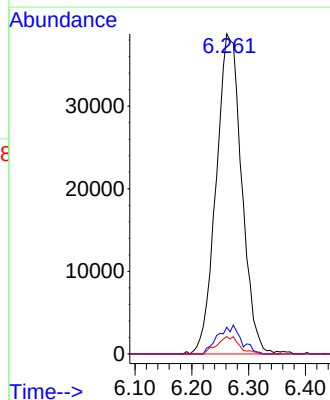
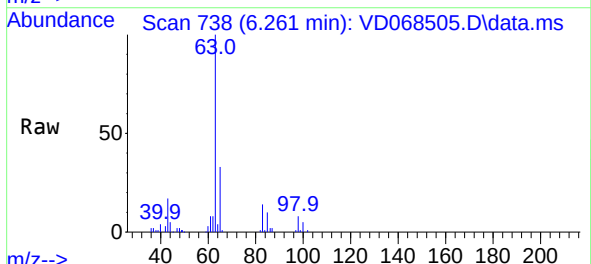
Manual Integrations
 APPROVED

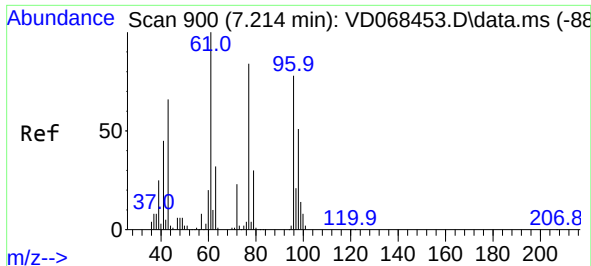
MMDadoda
 3/4/2021 2:04:17 PM



#24
 1,1-Dichloroethane
 Concen: 20.09 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.011 min
 Lab File: VD068505.D
 Acq: 03 Mar 2021 11:28

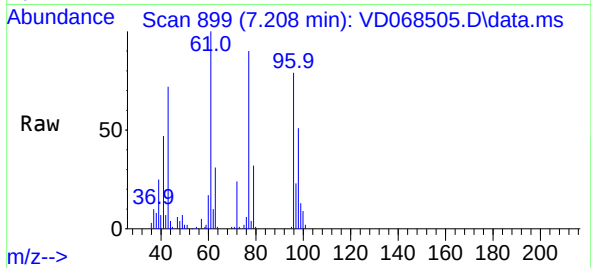
Tgt Ion: 63 Resp: 120827
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.8 11.4
 100 5.4 2.6 8.0





#25
2-Butanone
Concen: 96.89 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

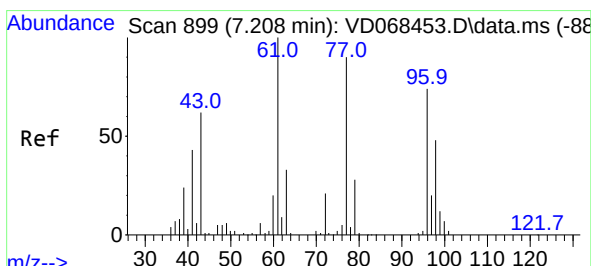
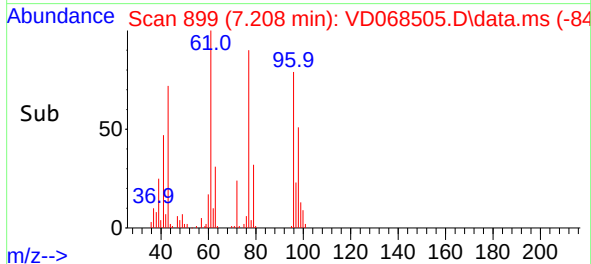
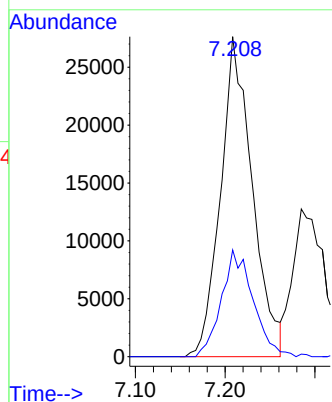
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



Tgt Ion: 43 Resp: 67911
Ion Ratio Lower Upper
43 100
72 33.4 25.1 37.7

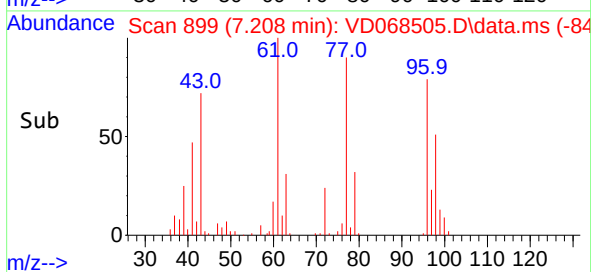
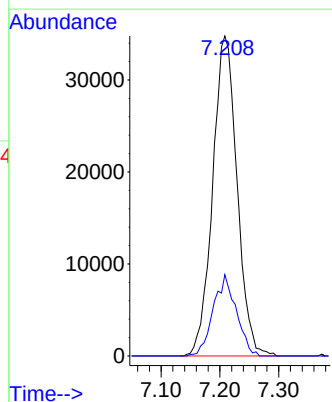
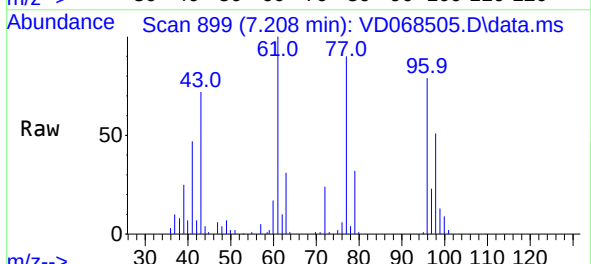
Manual Integrations
APPROVED

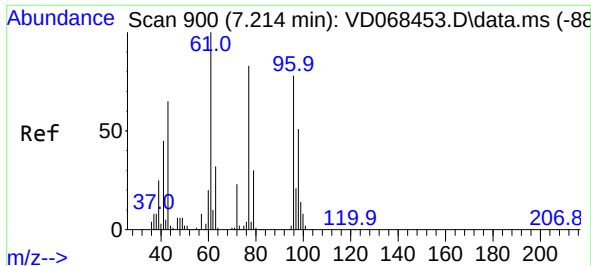
MMDadoda
3/4/2021 2:04:17 PM



#26
2,2-Dichloropropane
Concen: 20.00 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

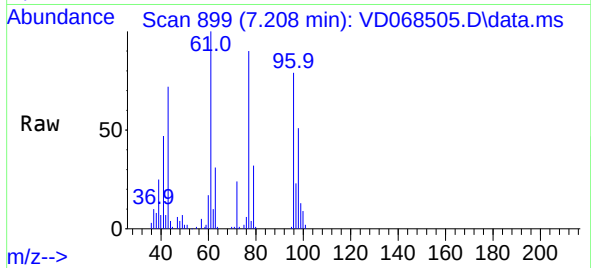
Tgt Ion: 77 Resp: 100170
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 19.95 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

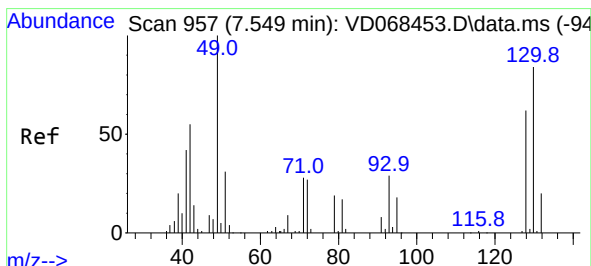
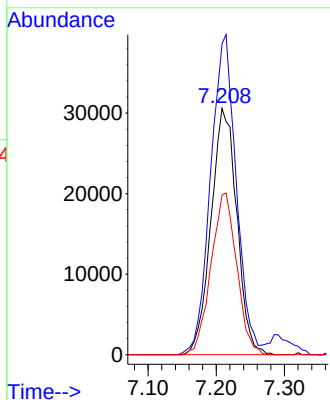
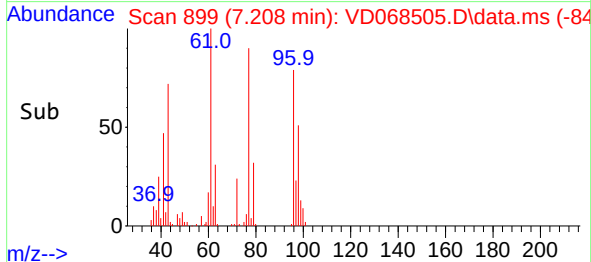
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



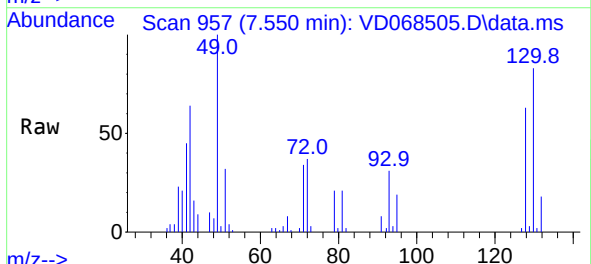
Tgt Ion: 96 Resp: 80669
Ion Ratio Lower Upper
96 100
61 129.1 0.0 257.4
98 65.3 0.0 126.6

Manual Integrations
APPROVED

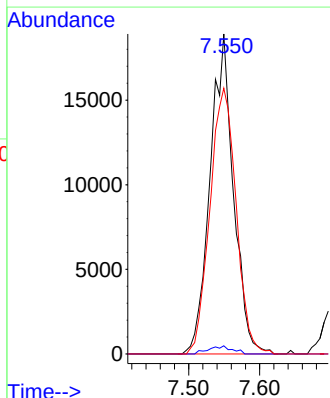
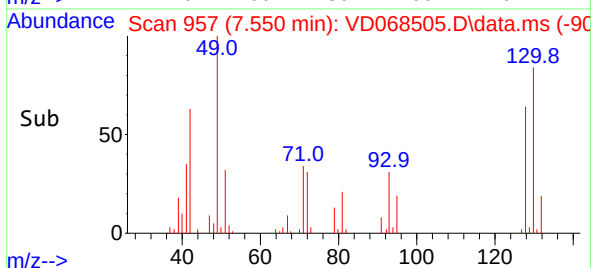
MMDadoda
3/4/2021 2:04:17 PM

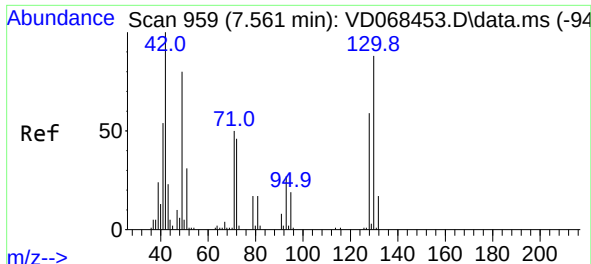


#28
Bromochloromethane
Concen: 18.46 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 49 Resp: 43323
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 92.7 85.5 128.3





#29
Tetrahydrofuran
Concen: 94.67 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

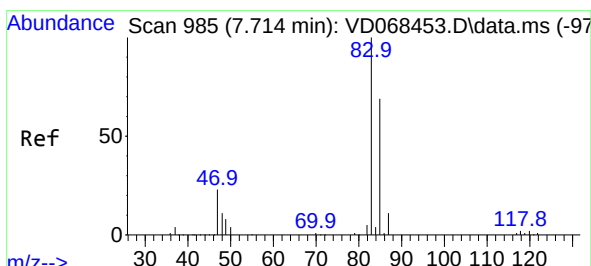
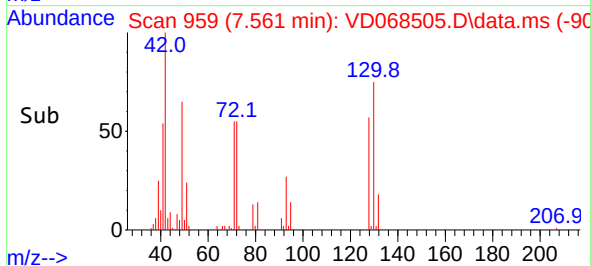
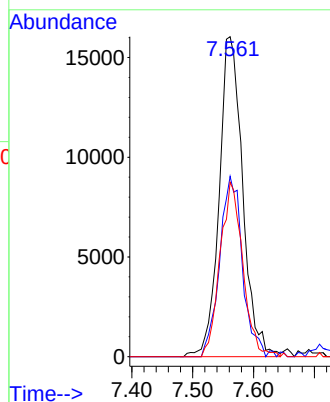
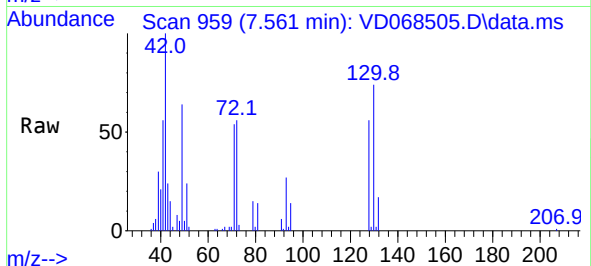
Tgt Ion: 42 Resp: 43087

Ion	Ratio	Lower	Upper
42	100		
72	54.7	43.4	65.0
71	52.9	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

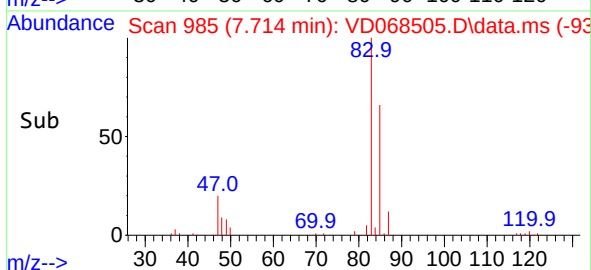
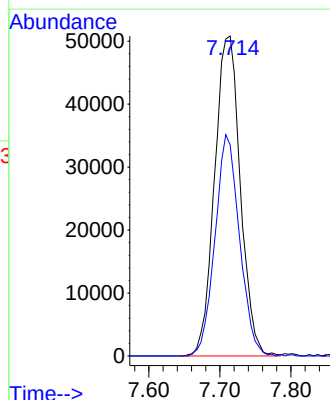
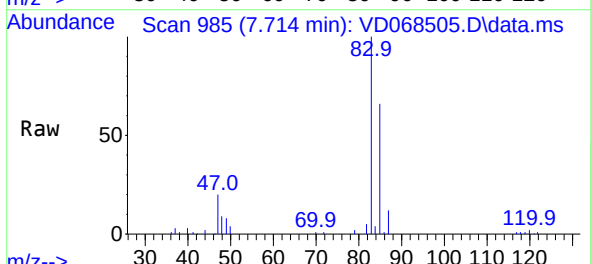
MMDadoda
3/4/2021 2:04:17 PM

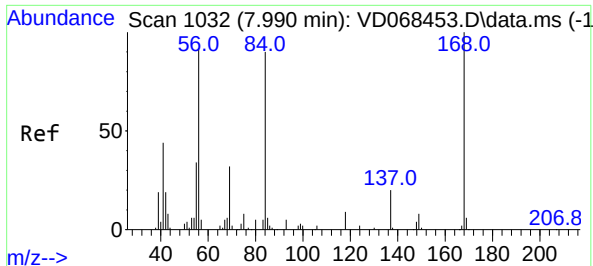


#30
Chloroform
Concen: 20.14 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 83 Resp: 127878

Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.4	80.0





#31

Cyclohexane

Concen: 18.98 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068505.D

Acq: 03 Mar 2021 11:28

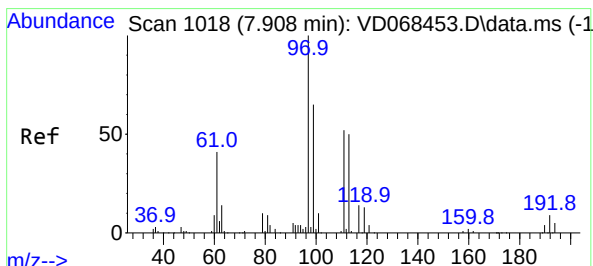
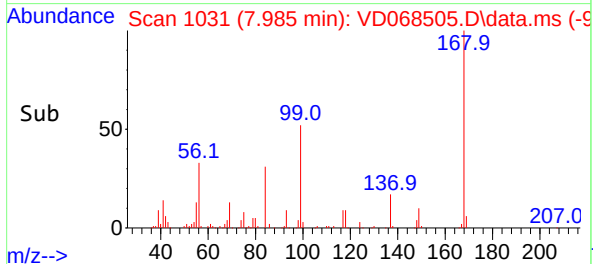
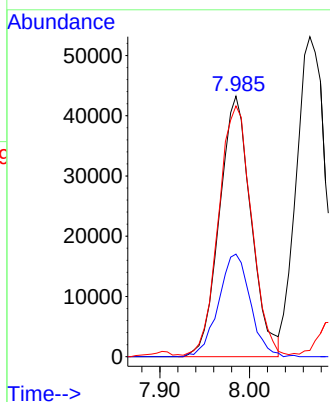
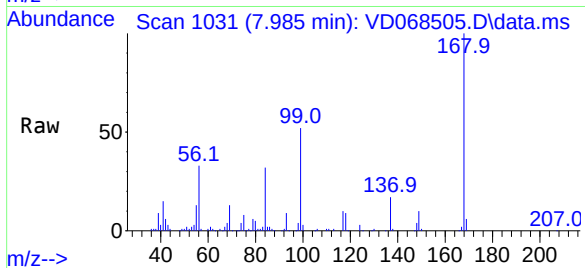
Tgt Ion: 56 Resp: 105957

Ion	Ratio	Lower	Upper
56	100		
69	39.4	30.1	45.1
84	95.4	82.1	123.1

Instrument :
MSVOA_D
ClientSampled :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



#32

1,1,1-Trichloroethane

Concen: 20.43 ug/l

RT: 7.902 min Scan# 1017

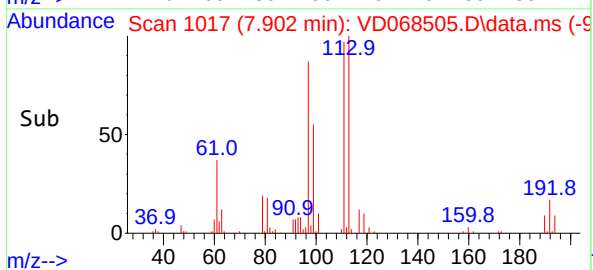
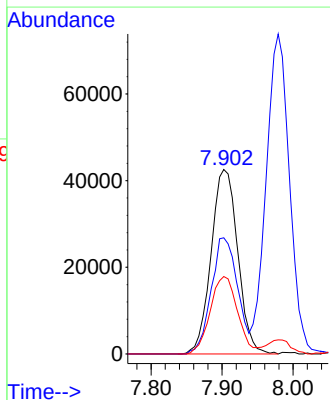
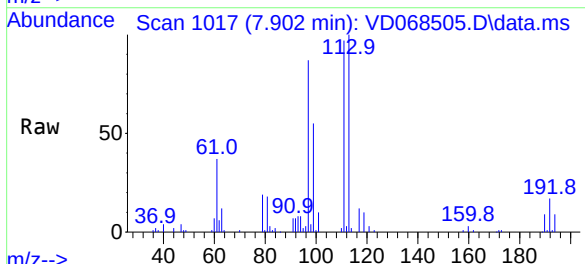
Delta R.T. -0.006 min

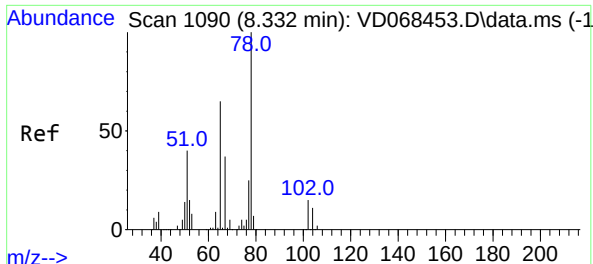
Lab File: VD068505.D

Acq: 03 Mar 2021 11:28

Tgt Ion: 97 Resp: 110760

Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	43.3	30.1	45.1





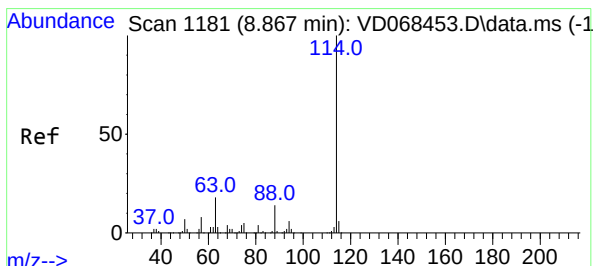
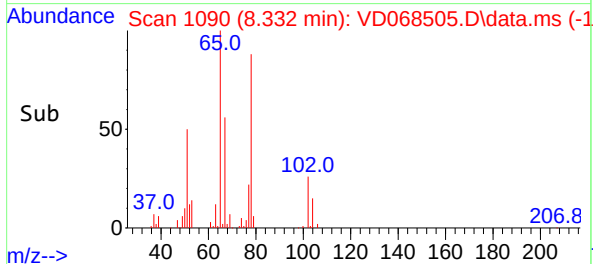
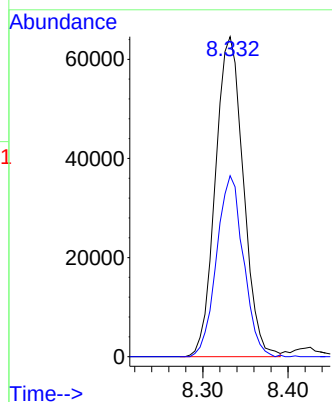
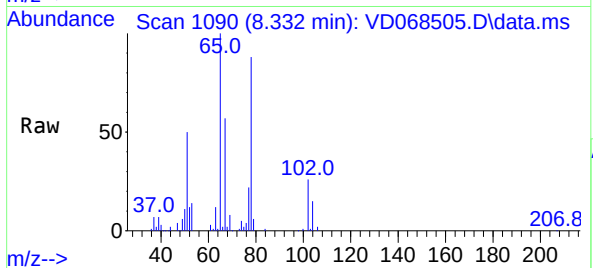
#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 65 Resp: 147369
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

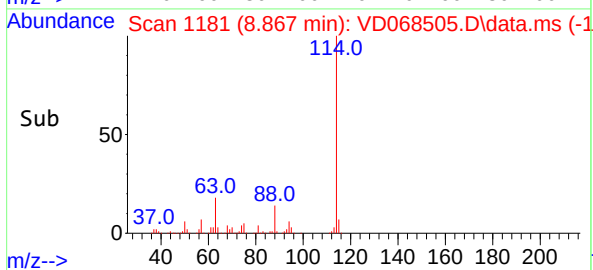
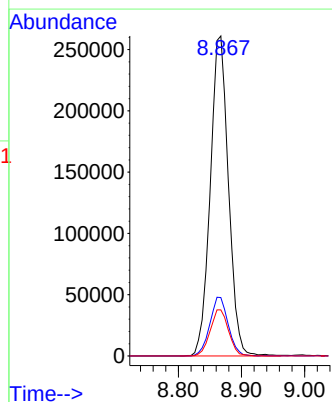
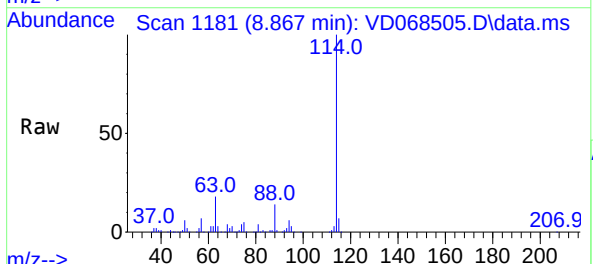
Manual Integrations
APPROVED

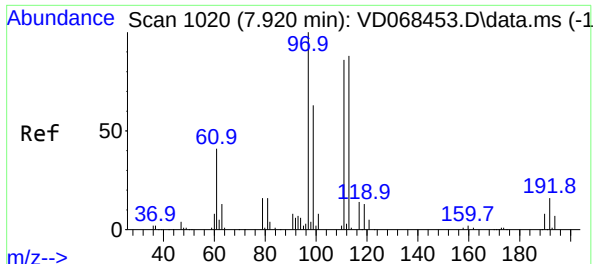
MMDadoda
3/4/2021 2:04:17 PM



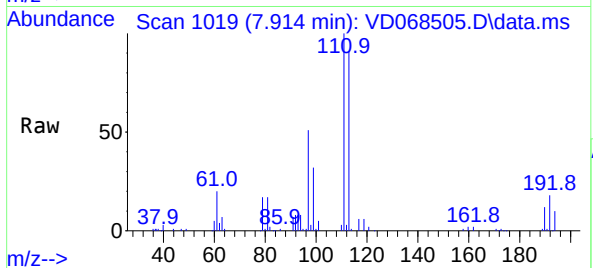
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 114 Resp: 522282
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.8
88 14.4 0.0 31.6

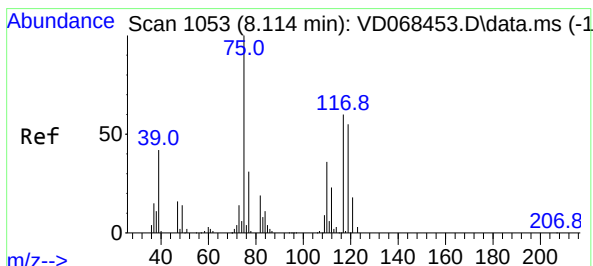
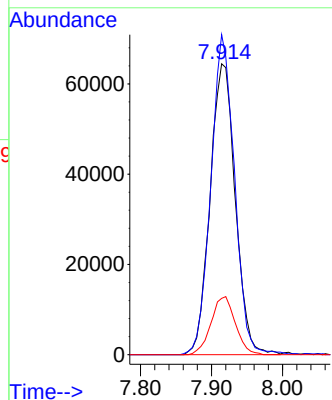
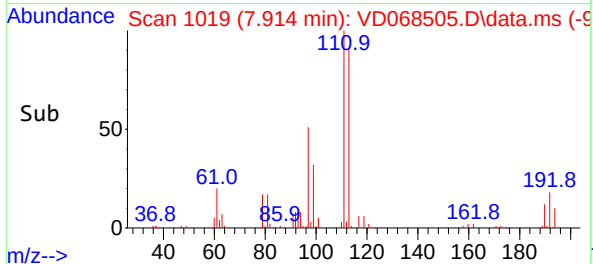




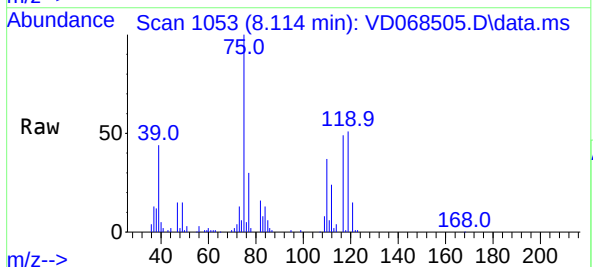
#35
Dibromofluoromethane
Concen: 50.45 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



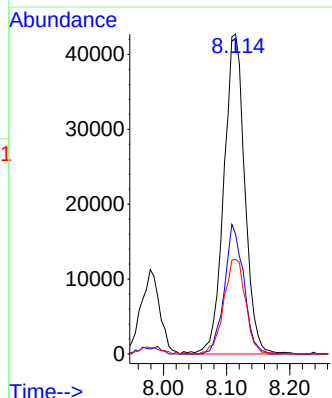
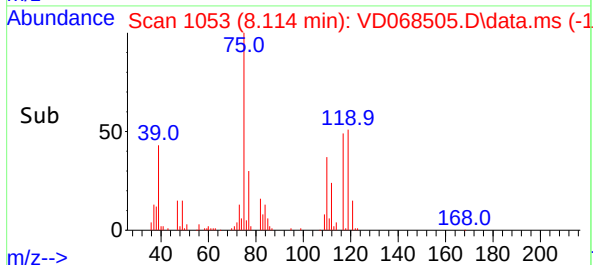
Tgt Ion:113 Resp: 158742
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 19.78 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



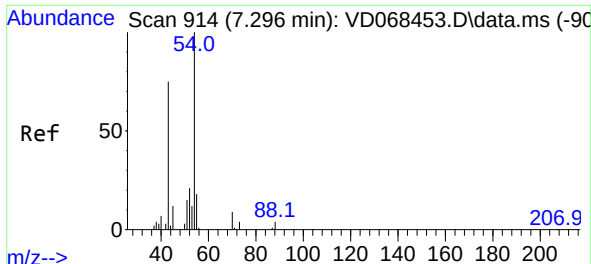
Tgt Ion: 75 Resp: 98198
Ion Ratio Lower Upper
75 100
110 37.4 19.4 58.2
77 30.9 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



#37

Ethyl Acetate

Concen: 20.20 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.011 min

Lab File: VD068505.D

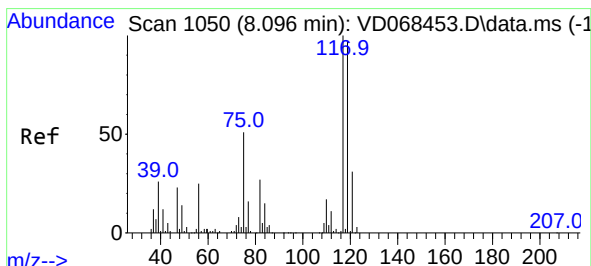
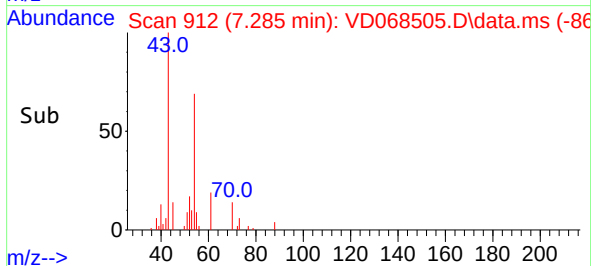
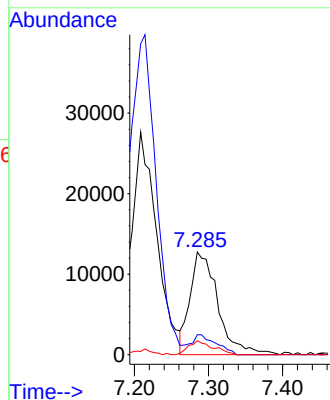
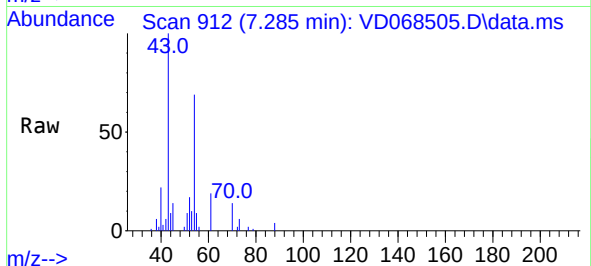
Acq: 03 Mar 2021 11:28

Tgt Ion:	43	Resp:	33267
Ion	Ratio	Lower	Upper
43	100		
61	17.2	12.9	19.3
70	11.8	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



#38

Carbon Tetrachloride

Concen: 20.74 ug/l

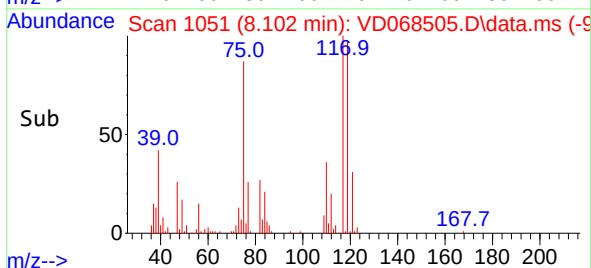
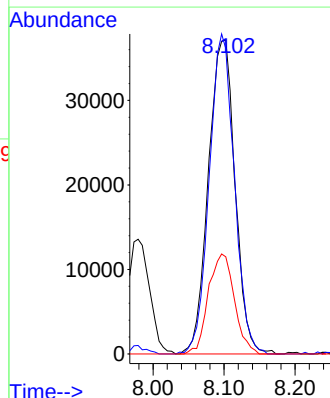
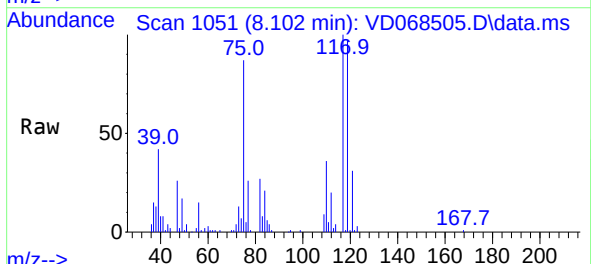
RT: 8.102 min Scan# 1051

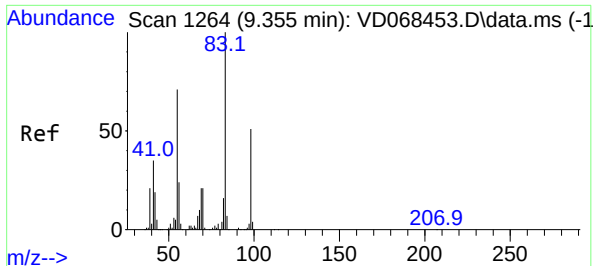
Delta R.T. 0.006 min

Lab File: VD068505.D

Acq: 03 Mar 2021 11:28

Tgt Ion:	117	Resp:	96761
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.3	115.9
121	30.9	24.7	37.1





#39
Methylcyclohexane
Concen: 19.77 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

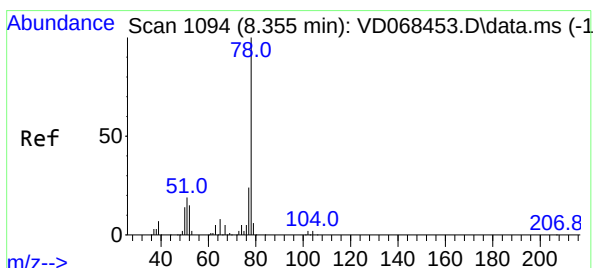
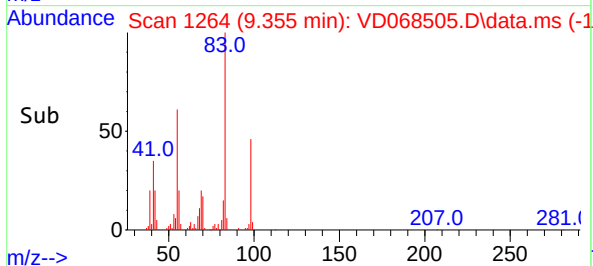
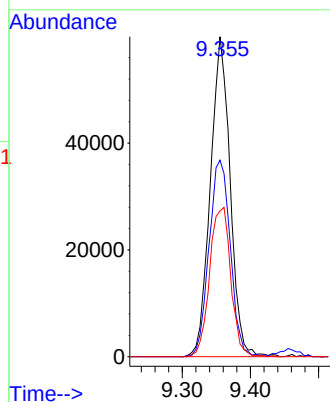
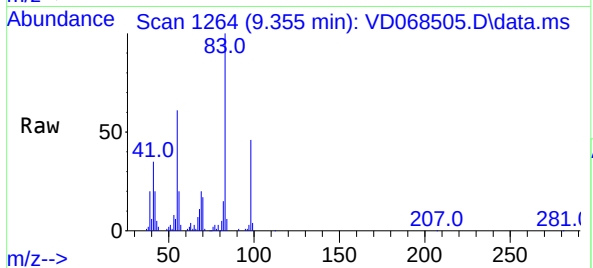
Tgt Ion: 83 Resp: 121069

Ion	Ratio	Lower	Upper
83	100		
55	61.4	55.2	82.8
98	45.5	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

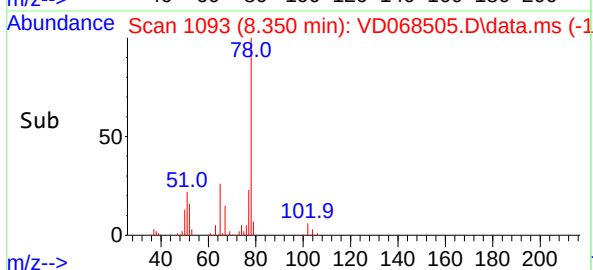
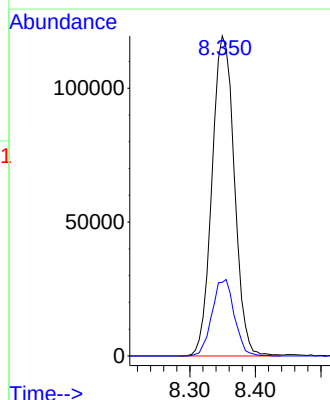
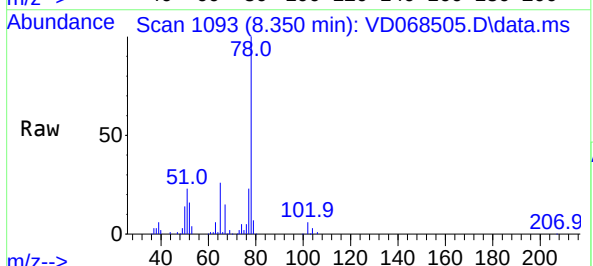
MMDadoda
3/4/2021 2:04:17 PM

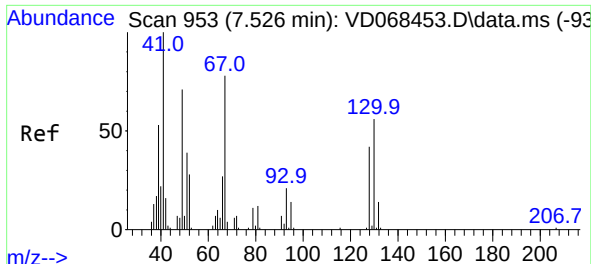


#40
Benzene
Concen: 19.85 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 78 Resp: 282712

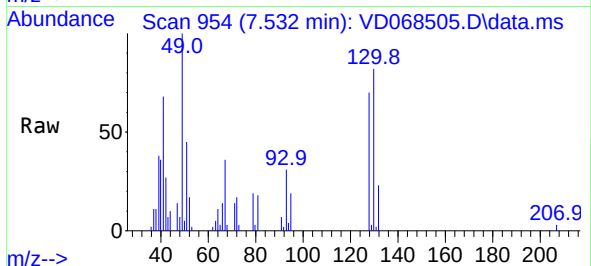
Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.8	26.6





#41
Methacrylonitrile
Concen: 19.02 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

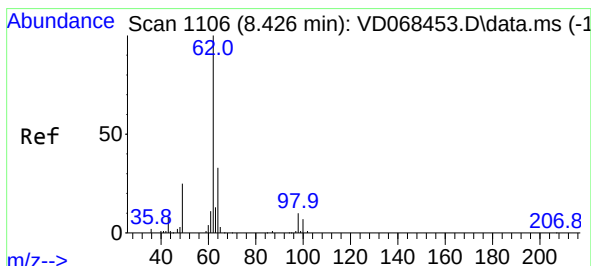
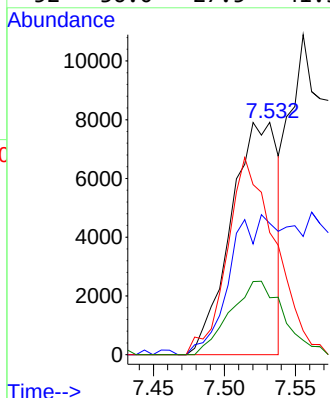
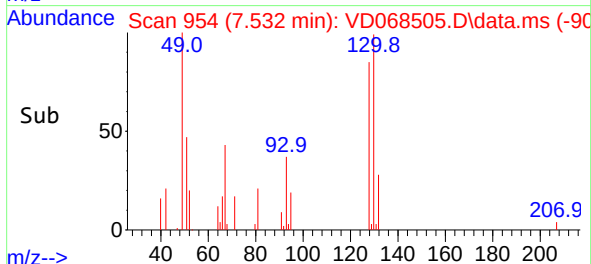
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



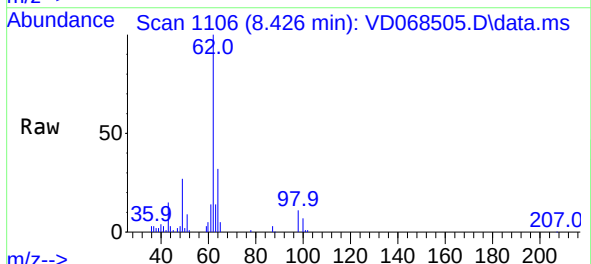
Tgt Ion: 41 Resp: 18181
Ion Ratio Lower Upper
41 100
39 34.4 45.2 67.8#
67 87.3 67.4 101.2
52 36.0 27.5 41.3

Manual Integrations
APPROVED

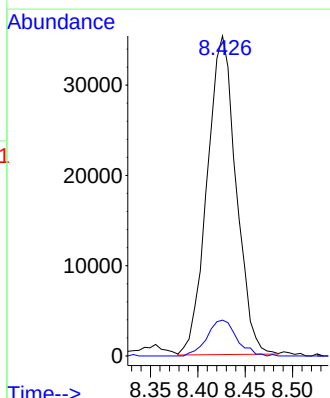
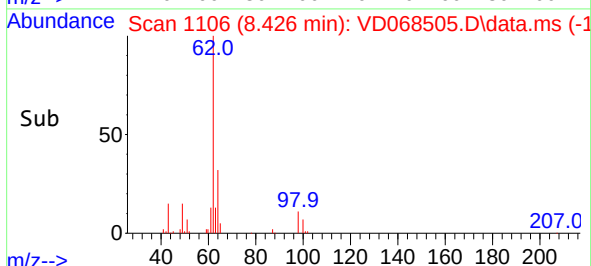
MMDadoda
3/4/2021 2:04:17 PM

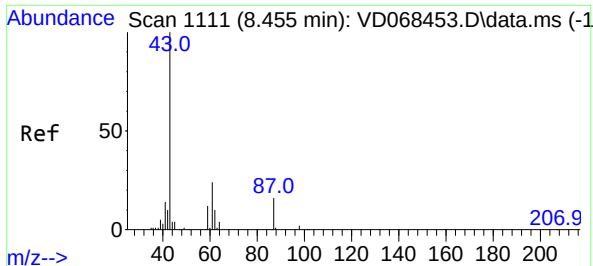


#42
1,2-Dichloroethane
Concen: 20.10 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 62 Resp: 75260
Ion Ratio Lower Upper
62 100
98 11.5 0.0 21.8





#43

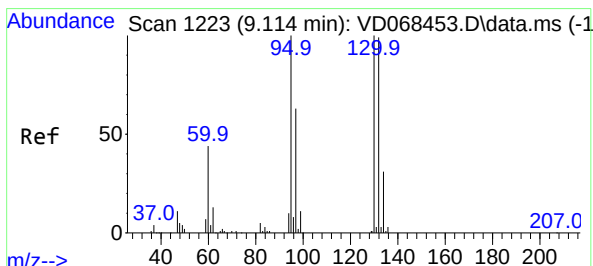
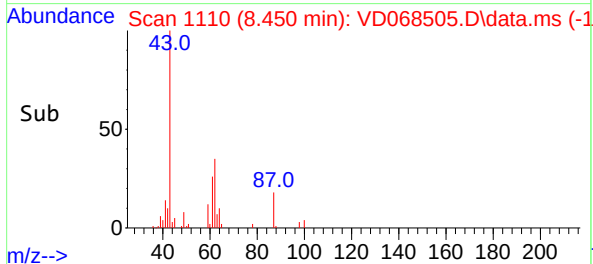
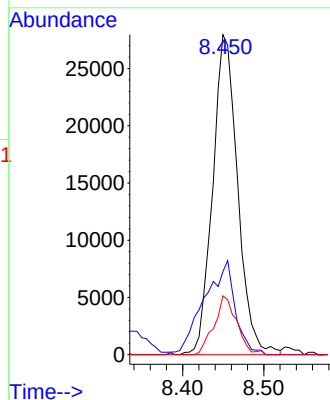
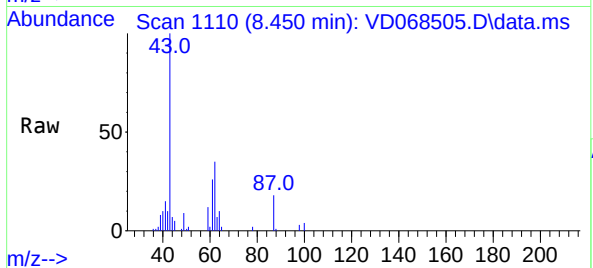
Isopropyl Acetate
Concen: 19.80 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	43	Resp:	59951
Ion Ratio	Lower	Upper	
43	100		
61	36.6	28.7	43.1
87	16.7	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

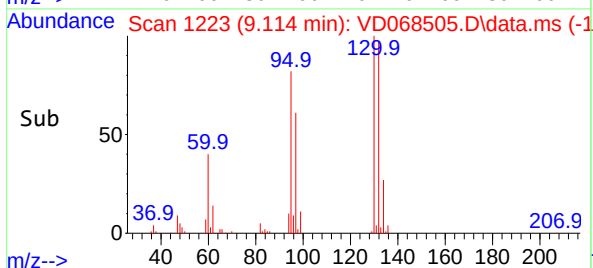
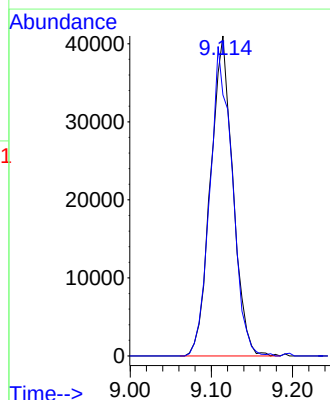
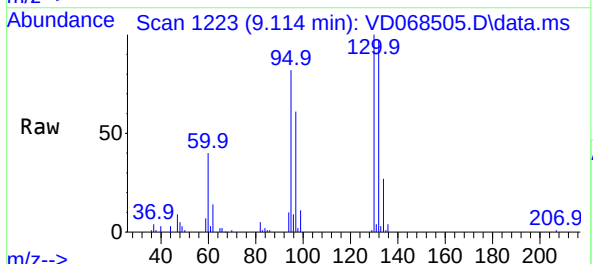
MMDadoda
3/4/2021 2:04:17 PM

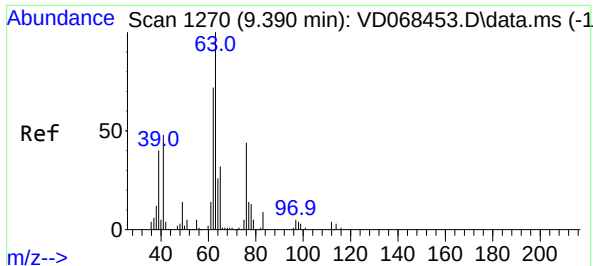


#44

Trichloroethene
Concen: 20.04 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	130	Resp:	78326
Ion Ratio	Lower	Upper	
130	100		
95	81.6	0.0	191.2





#45

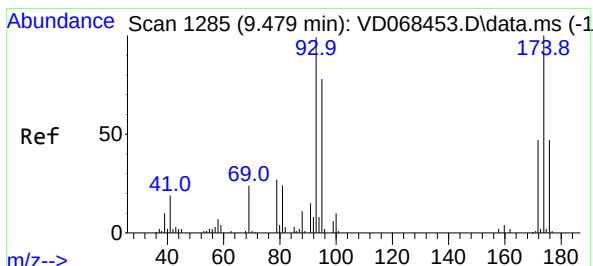
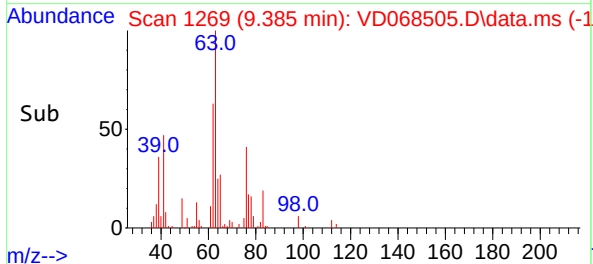
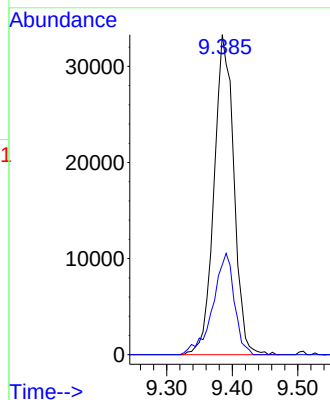
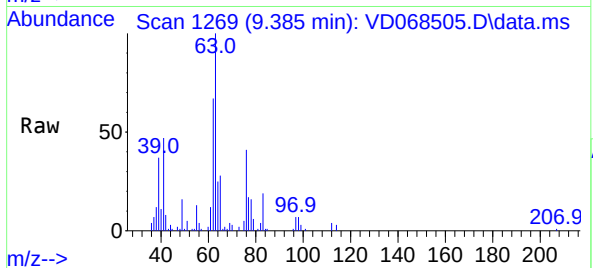
1,2-Dichloropropane
Concen: 20.47 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 63 Resp: 69706
Ion Ratio Lower Upper
63 100
65 28.1 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

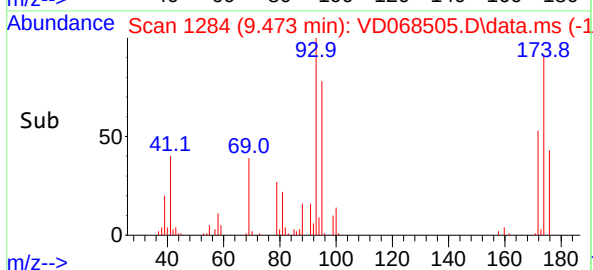
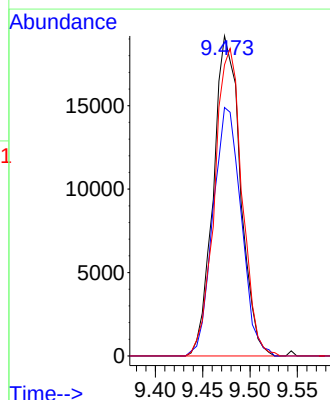
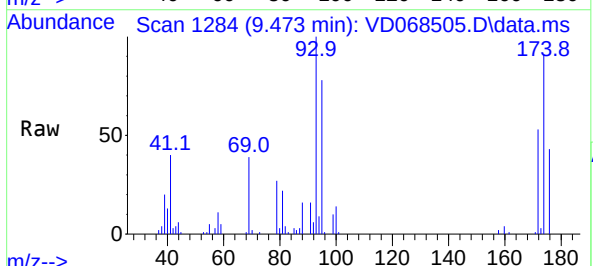
MMDadoda
3/4/2021 2:04:17 PM

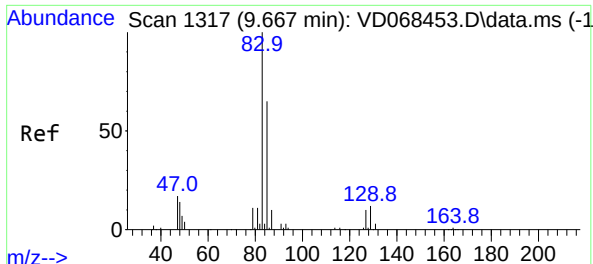


#46

Dibromomethane
Concen: 20.64 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 93 Resp: 38234
Ion Ratio Lower Upper
93 100
95 80.8 67.3 100.9
174 97.3 84.6 127.0





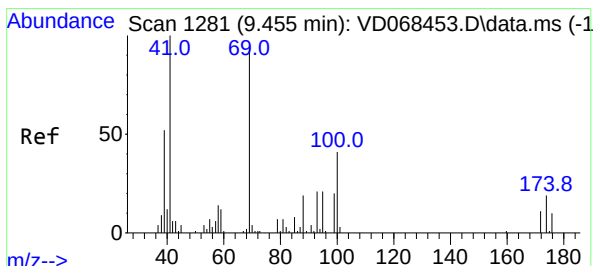
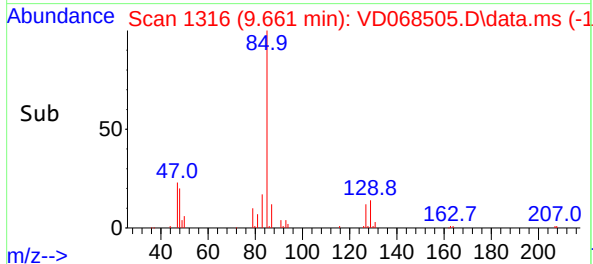
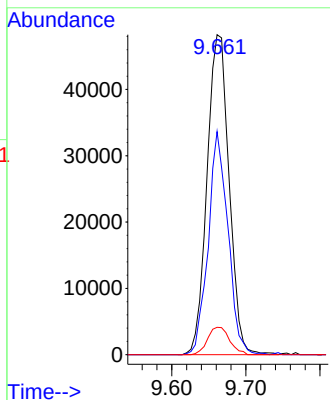
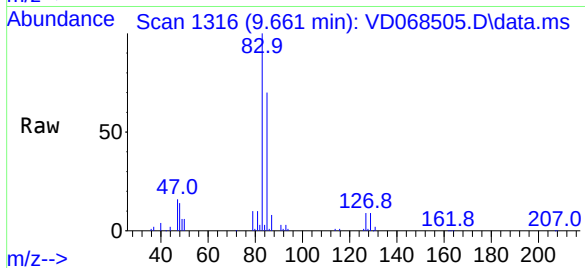
#47
Bromodichloromethane
Concen: 20.84 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	83	Resp:	99836
Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.6	77.4
127	8.5	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

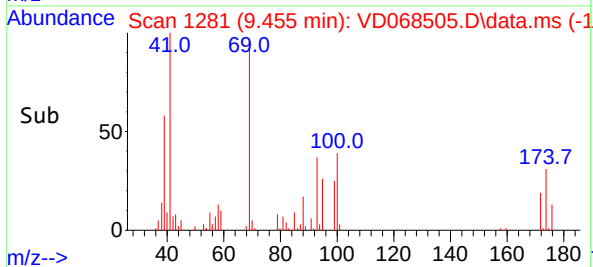
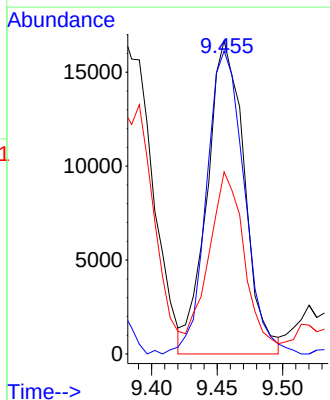
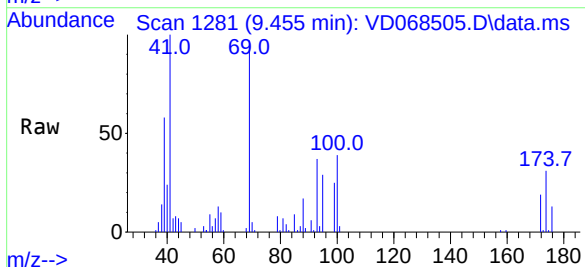
Manual Integrations
APPROVED

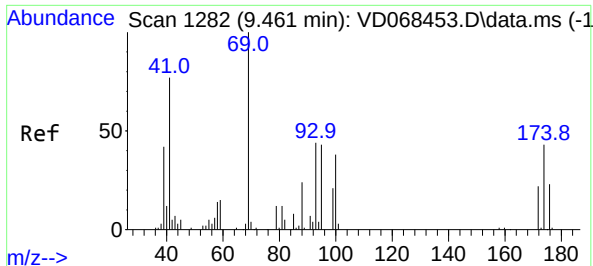
MMDadoda
3/4/2021 2:04:17 PM



#48
Methyl methacrylate
Concen: 20.46 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:	41	Resp:	33012
Ion	Ratio	Lower	Upper
41	100		
69	97.4	77.1	115.7
39	49.2	41.5	62.3





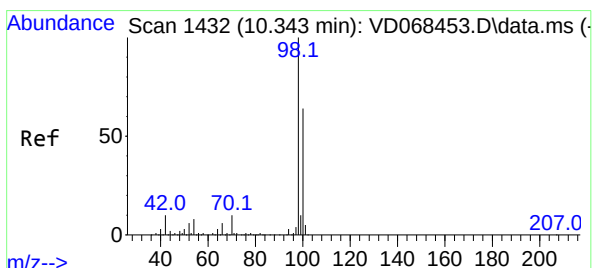
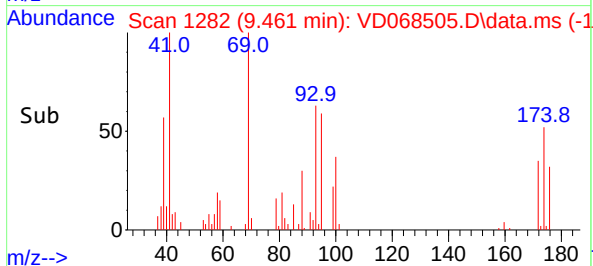
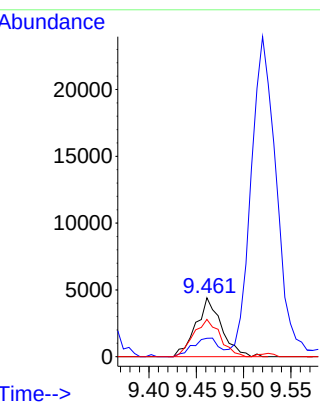
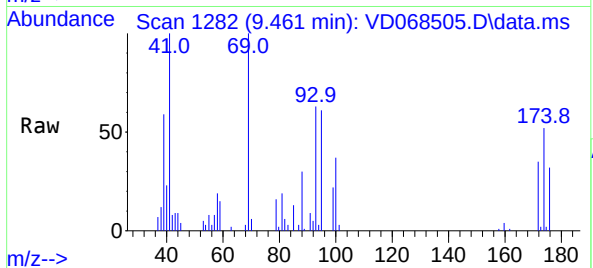
#49
1,4-Dioxane
Concen: 391.22 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 88 Resp: 8263
Ion Ratio Lower Upper
88 100
43 31.9 22.1 33.1
58 66.1 46.7 70.1

Instrument :
MSVOA_D
ClientSampled :
VD0303SBS01

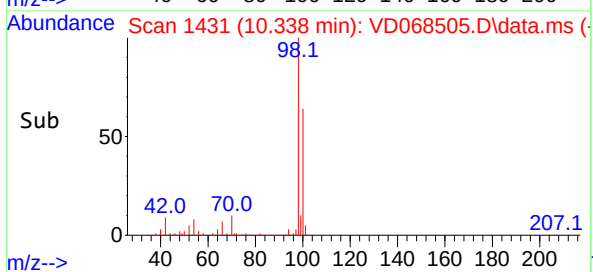
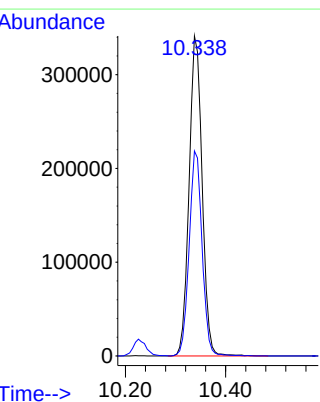
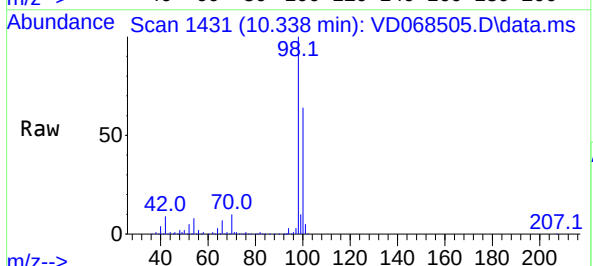
Manual Integrations
APPROVED

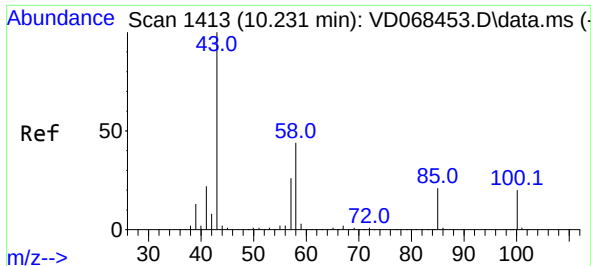
MMDadoda
3/4/2021 2:04:17 PM



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 98 Resp: 616475
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4





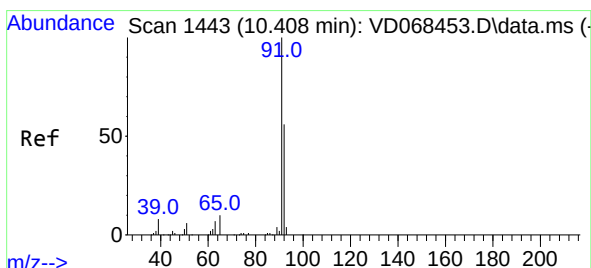
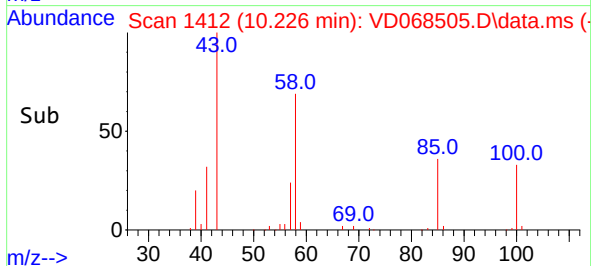
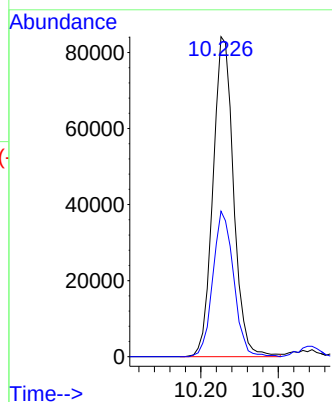
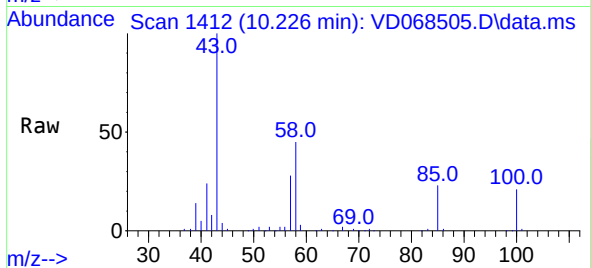
#51
4-Methyl-2-Pentanone
Concen: 98.10 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 43 Resp: 155401
Ion Ratio Lower Upper
43 100
58 46.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

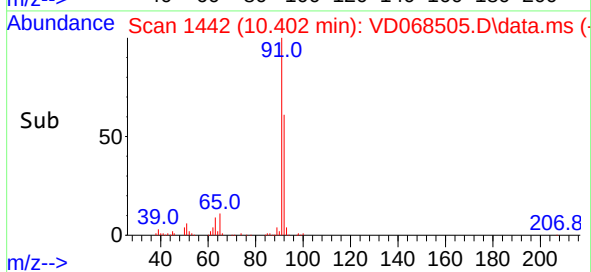
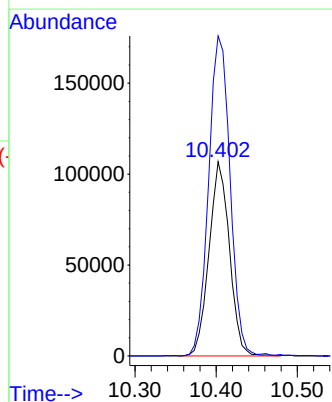
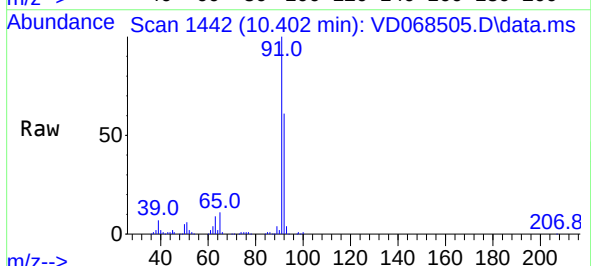
Manual Integrations
APPROVED

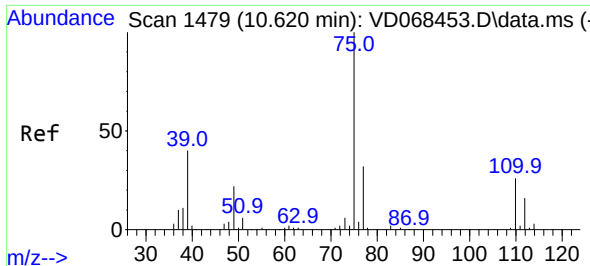
MMDadoda
3/4/2021 2:04:17 PM



#52
Toluene
Concen: 20.49 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 92 Resp: 186297
Ion Ratio Lower Upper
92 100
91 173.7 134.1 201.1





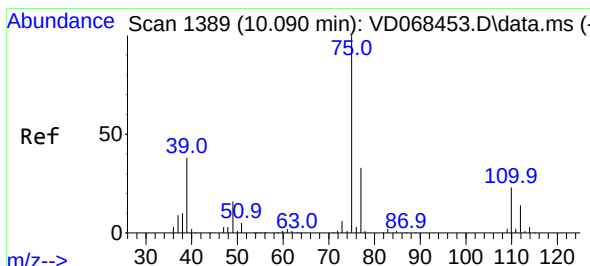
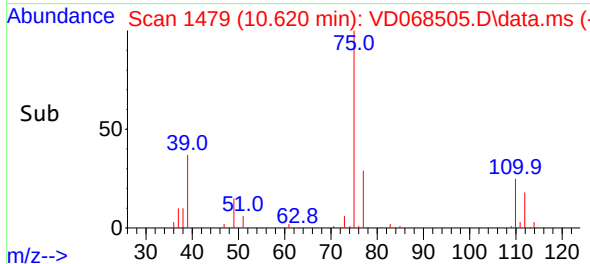
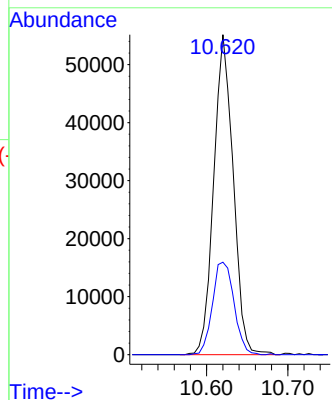
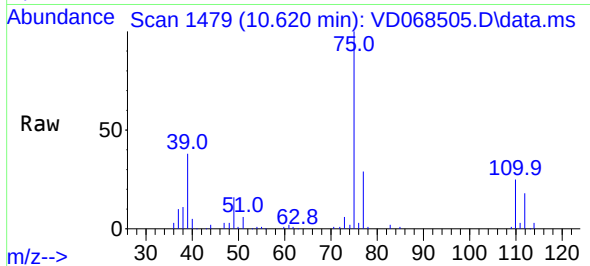
#53
t-1,3-Dichloropropene
Concen: 20.74 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 75 Resp: 91821
Ion Ratio Lower Upper
75 100
77 28.9 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

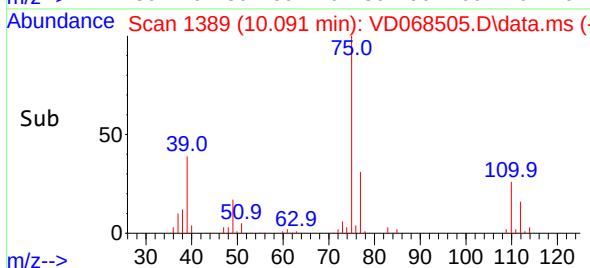
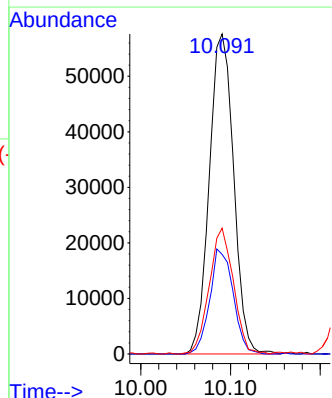
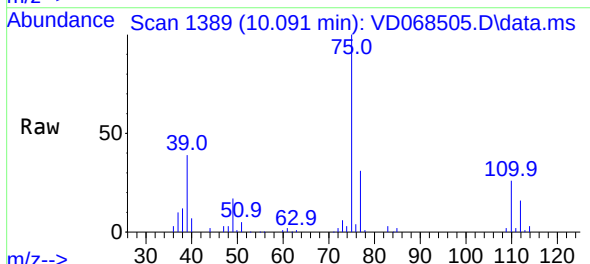
Manual Integrations
APPROVED

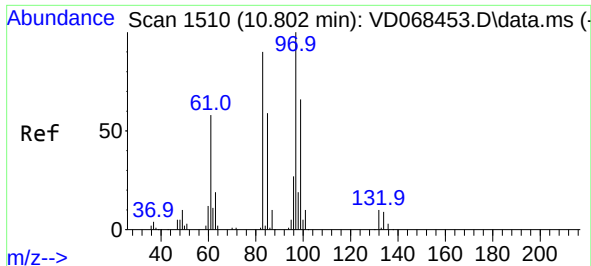
MMDadoda
3/4/2021 2:04:17 PM



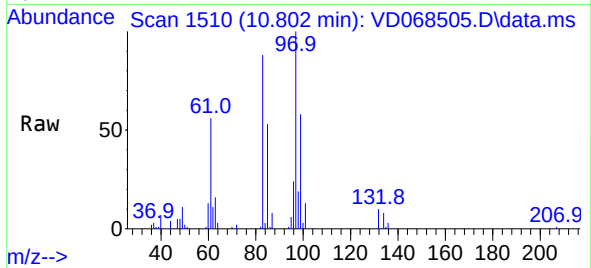
#54
cis-1,3-Dichloropropene
Concen: 20.09 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 75 Resp: 108550
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 39.3 31.4 47.0

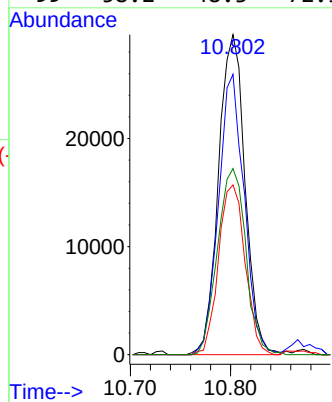




#55
1,1,2-Trichloroethane
Concen: 21.16 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



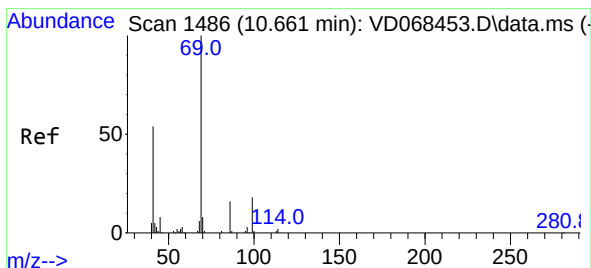
Tgt Ion:	97	Resp:	54228
Ion	Ratio	Lower	Upper
97	100		
83	87.6	61.8	92.6
85	53.0	42.2	63.2
99	58.2	48.3	72.5



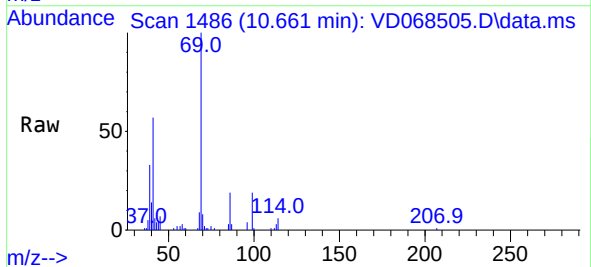
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

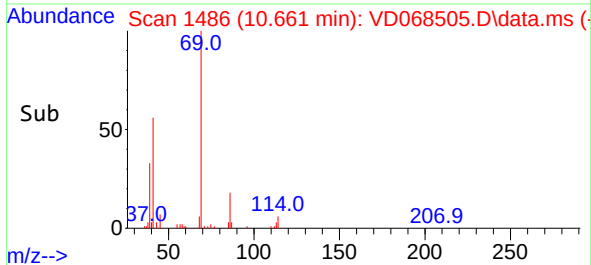
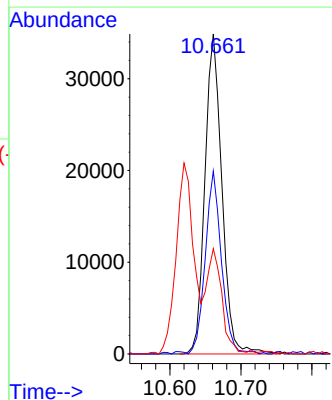
MMDadoda
3/4/2021 2:04:17 PM

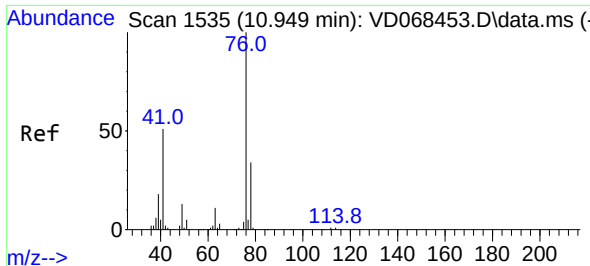


#56
Ethyl methacrylate
Concen: 19.72 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion:	69	Resp:	58084
Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.9	67.3
39	29.1	21.9	32.9





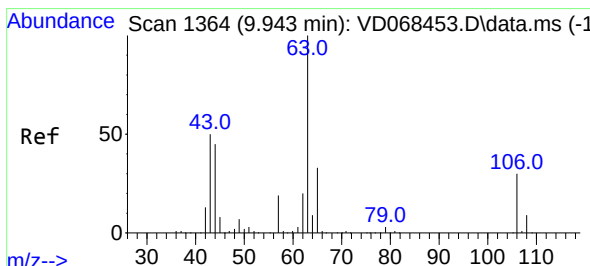
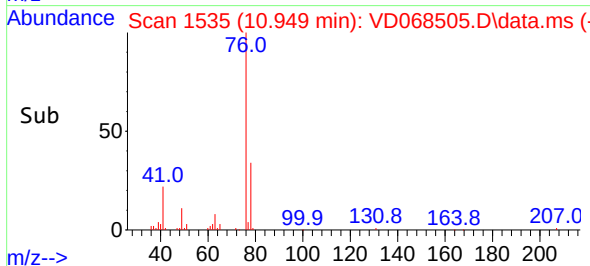
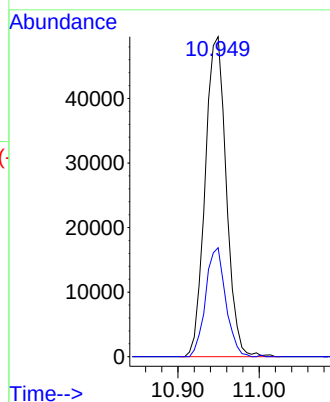
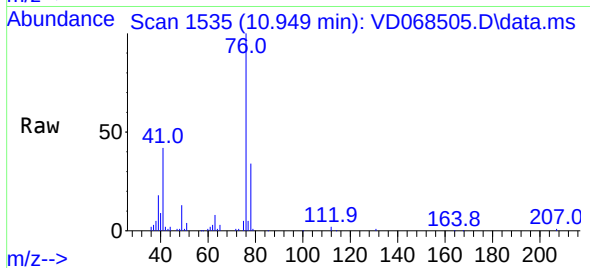
#57
1,3-Dichloropropane
Concen: 20.01 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 76 Resp: 89502
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

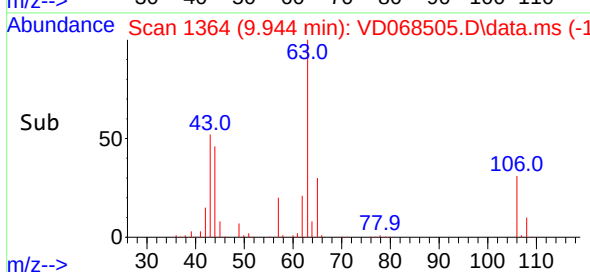
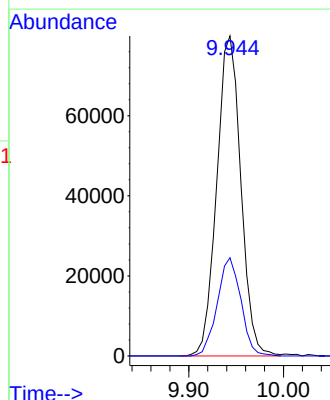
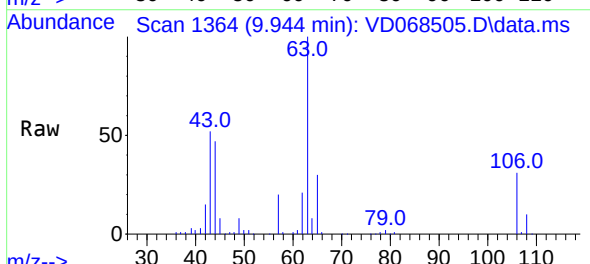
Manual Integrations
APPROVED

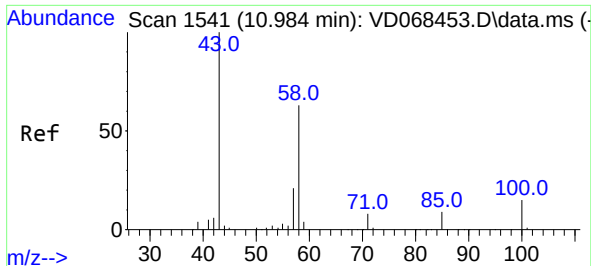
MMDadoda
3/4/2021 2:04:17 PM



#58
2-Chloroethyl Vinyl ether
Concen: 95.62 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 63 Resp: 141322
Ion Ratio Lower Upper
63 100
106 30.1 27.0 40.4





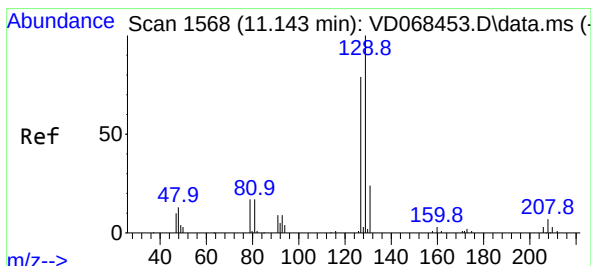
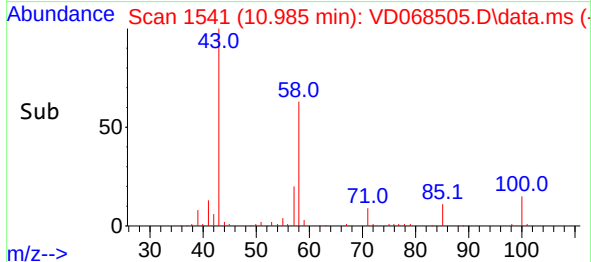
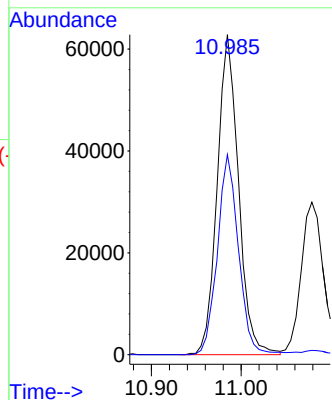
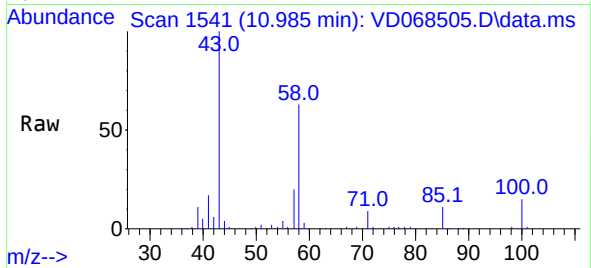
#59
2-Hexanone
Concen: 97.99 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 43 Resp: 103467
Ion Ratio Lower Upper
43 100
58 62.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

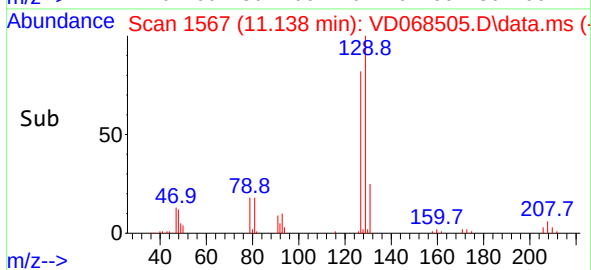
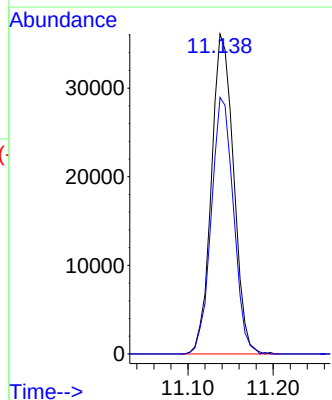
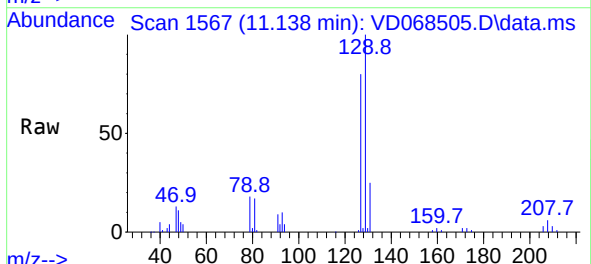
Manual Integrations
APPROVED

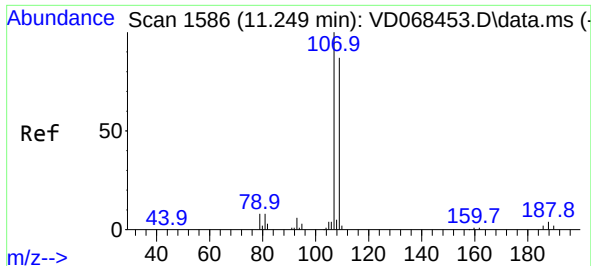
MMDadoda
3/4/2021 2:04:17 PM



#60
Dibromochloromethane
Concen: 20.65 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

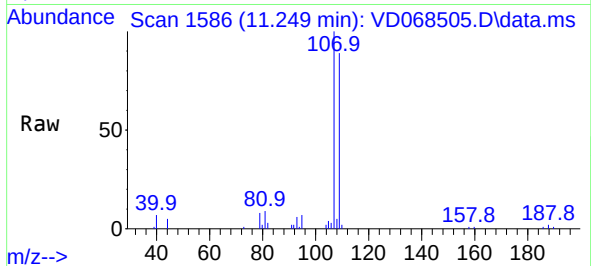
Tgt Ion: 129 Resp: 65532
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.47 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

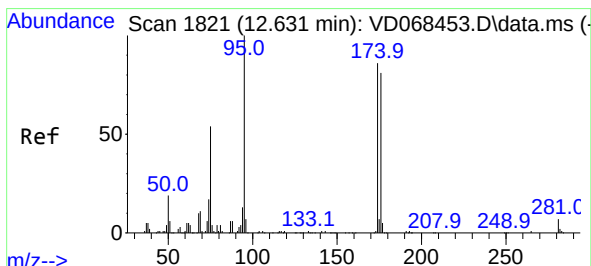
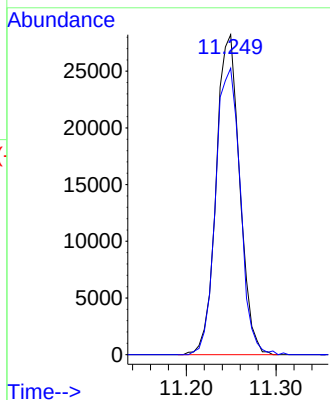
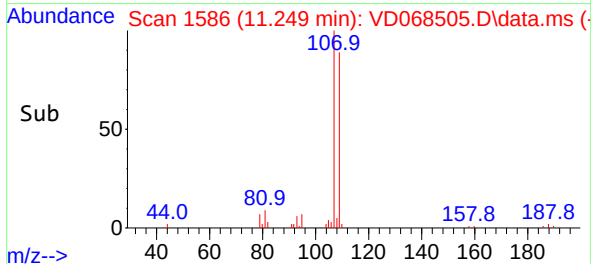
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



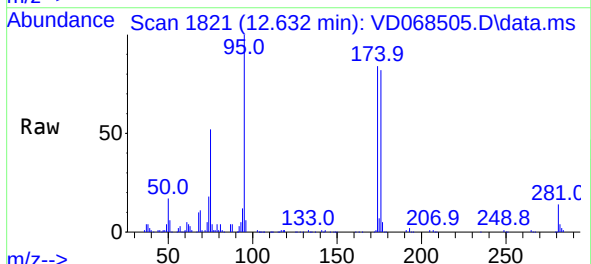
Tgt Ion:107 Resp: 51331
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

Manual Integrations
APPROVED

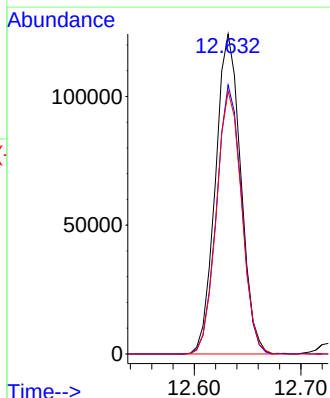
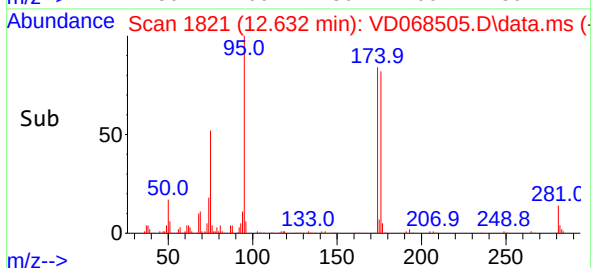
MMDadoda
3/4/2021 2:04:17 PM

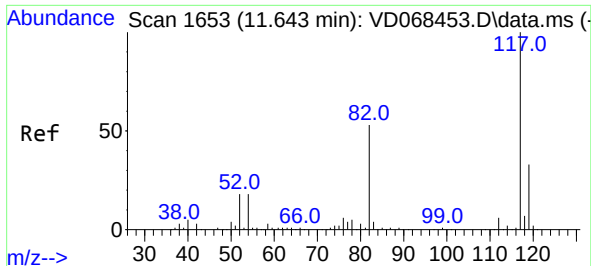


#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion: 95 Resp: 205088
Ion Ratio Lower Upper
95 100
174 83.2 0.0 172.4
176 81.8 0.0 168.4





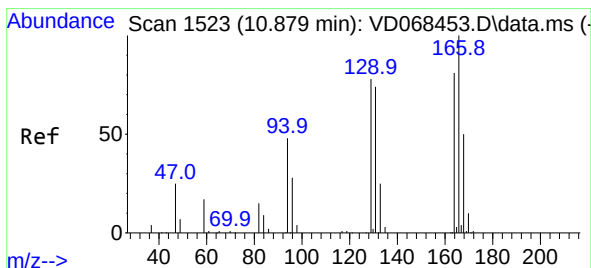
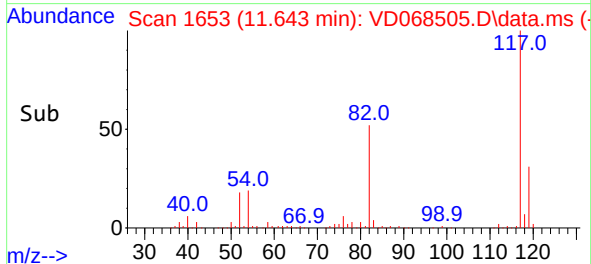
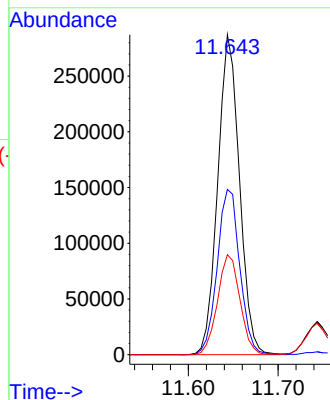
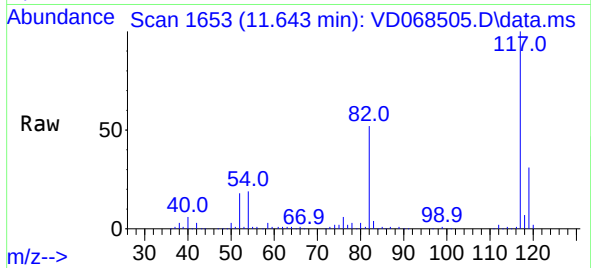
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:117 Resp: 482218
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 31.3 26.1 39.1

Instrument :
MSVOA_D
ClientSampled :
VD0303SBS01

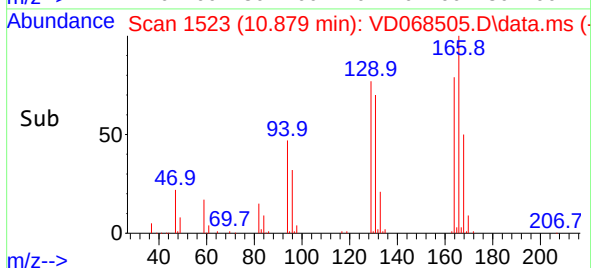
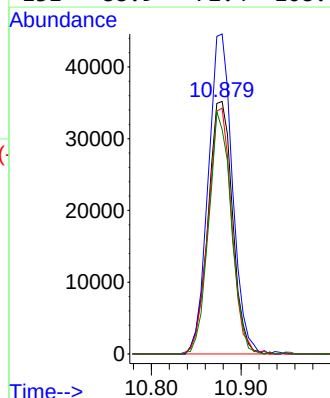
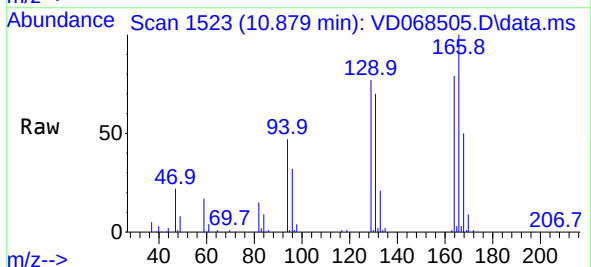
Manual Integrations
APPROVED

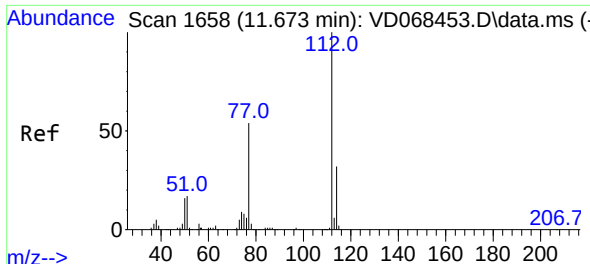
MMDadoda
3/4/2021 2:04:17 PM



#64
Tetrachloroethene
Concen: 21.11 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

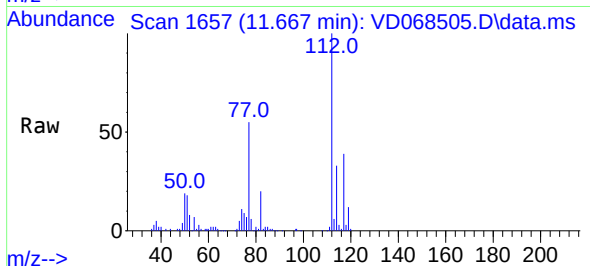
Tgt Ion:164 Resp: 66477
Ion Ratio Lower Upper
164 100
166 126.8 105.5 158.3
129 97.4 75.6 113.4
131 88.9 72.4 108.6





#65
Chlorobenzene
Concen: 20.52 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

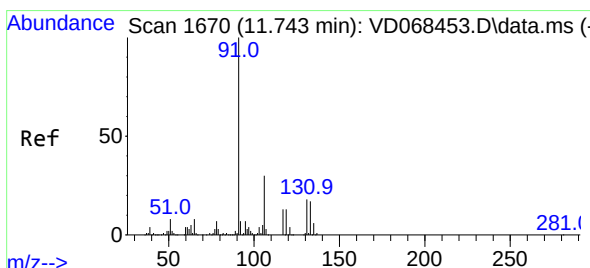
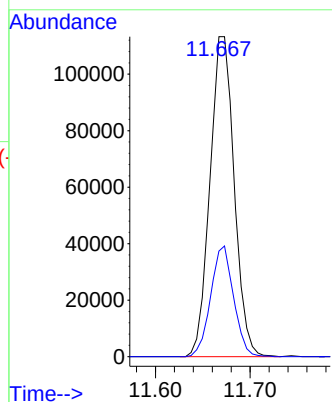
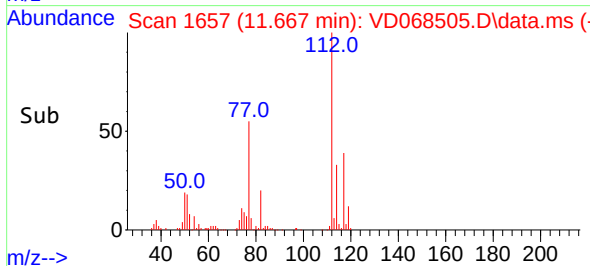
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



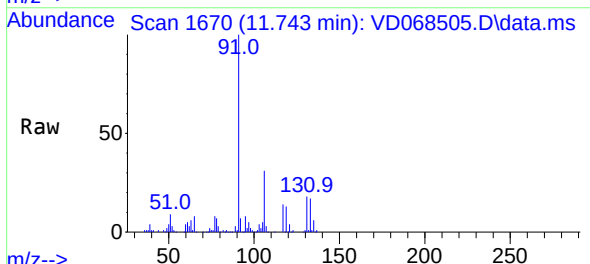
Tgt Ion:112 Resp: 201491
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

Manual Integrations
APPROVED

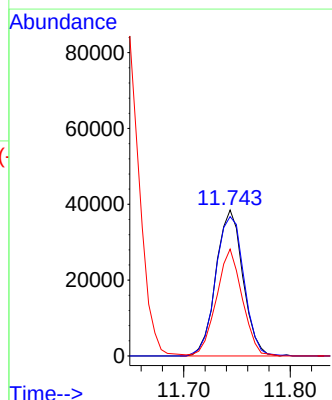
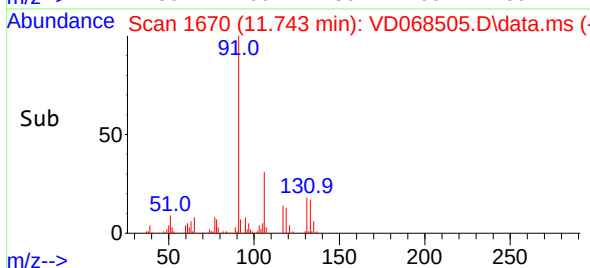
MMDadoda
3/4/2021 2:04:17 PM

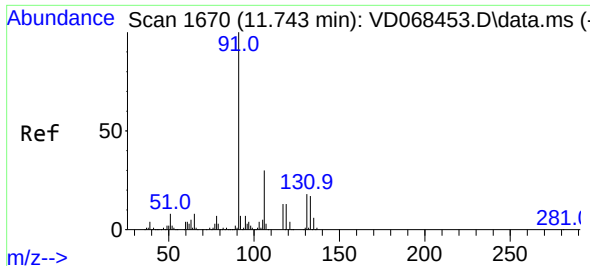


#66
1,1,1,2-Tetrachloroethane
Concen: 19.82 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion:131 Resp: 67664
Ion Ratio Lower Upper
131 100
133 100.6 48.1 144.4
119 70.3 31.6 94.8





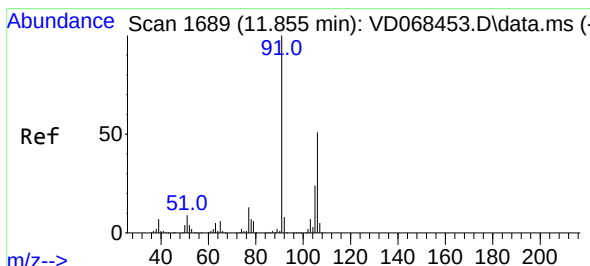
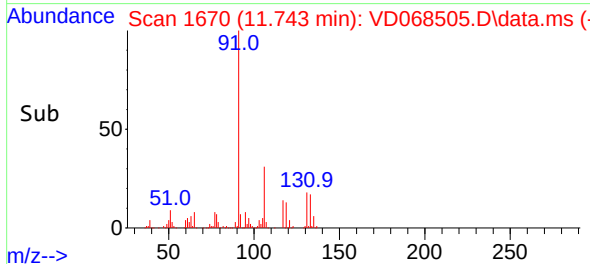
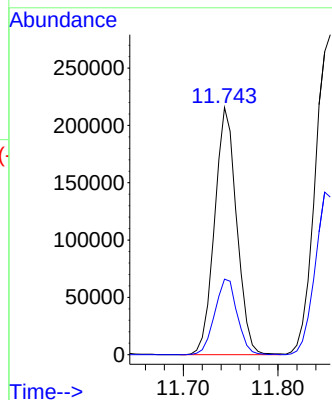
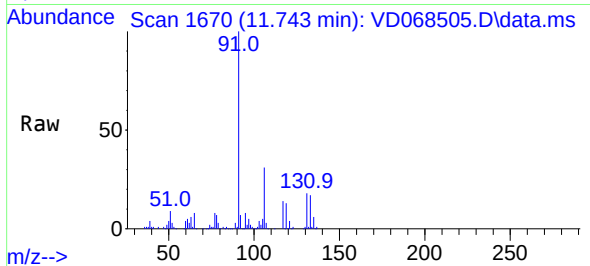
#67
Ethyl Benzene
Concen: 19.90 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 91 Resp: 348856
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

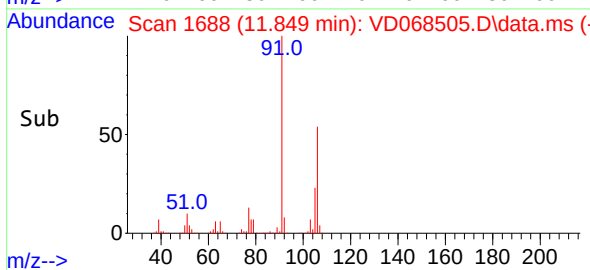
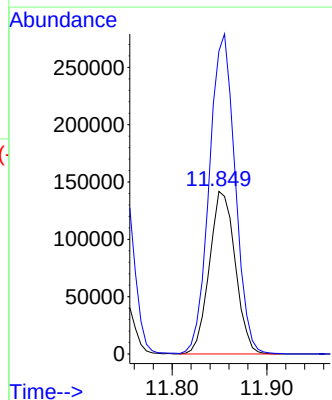
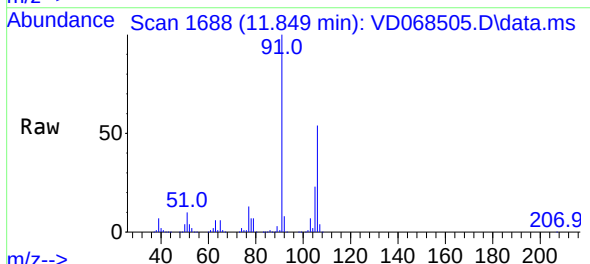
Manual Integrations
APPROVED

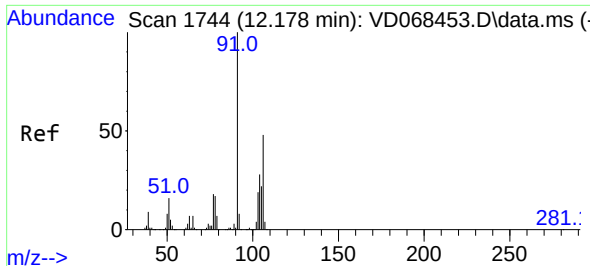
MMDadoda
3/4/2021 2:04:17 PM



#68
m/p-Xylenes
Concen: 40.47 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 106 Resp: 269405
Ion Ratio Lower Upper
106 100
91 196.5 159.1 238.7





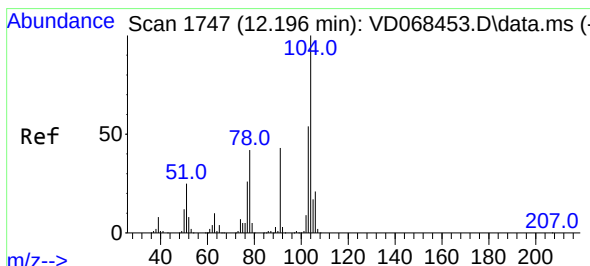
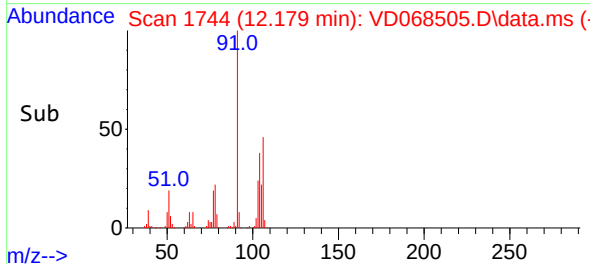
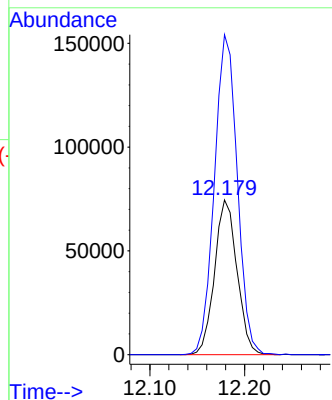
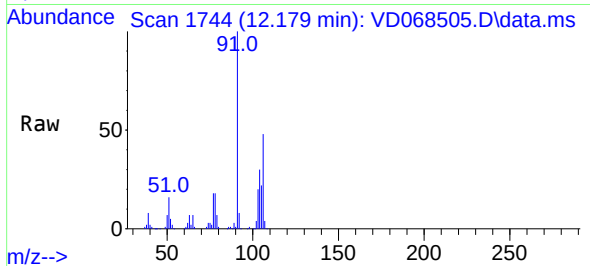
#69
o-Xylene
Concen: 20.03 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:106 Resp: 122799
Ion Ratio Lower Upper
106 100
91 210.8 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

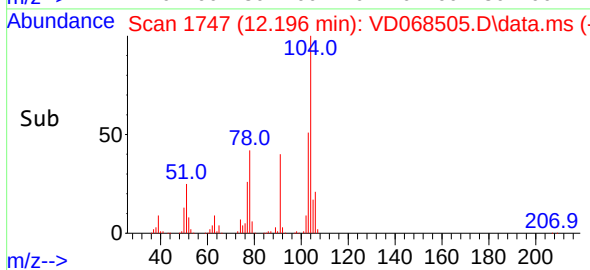
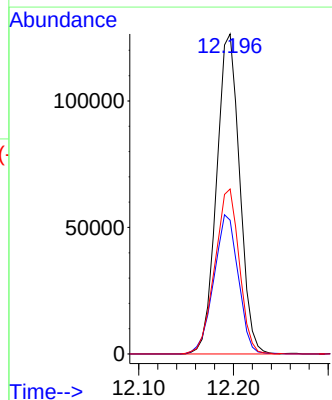
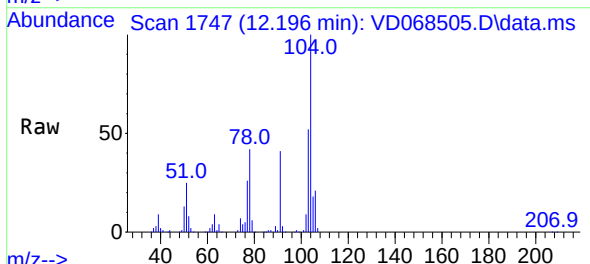
Manual Integrations
APPROVED

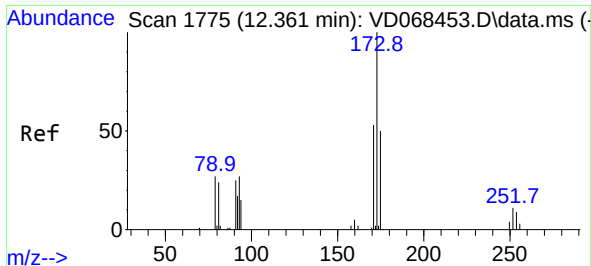
MMDadoda
3/4/2021 2:04:17 PM



#70
Styrene
Concen: 20.43 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:104 Resp: 214168
Ion Ratio Lower Upper
104 100
78 46.1 38.2 57.2
103 54.5 43.1 64.7





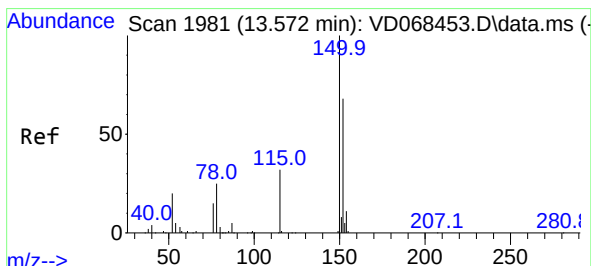
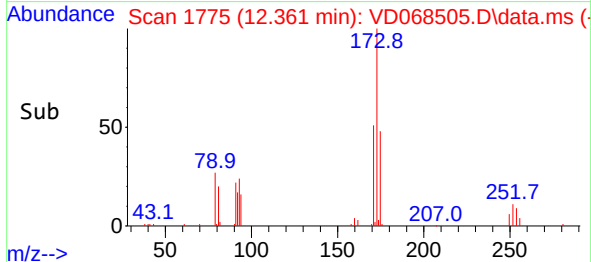
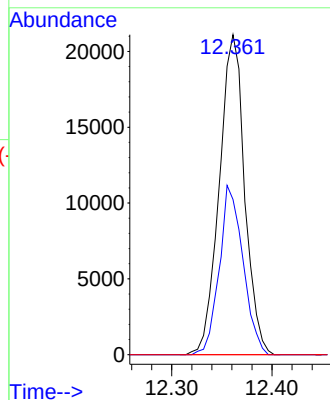
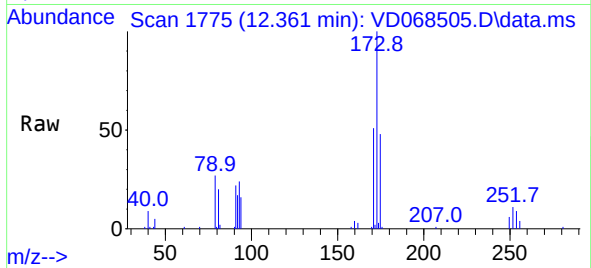
#71
Bromoform
Concen: 21.36 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:173 Resp: 37050
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

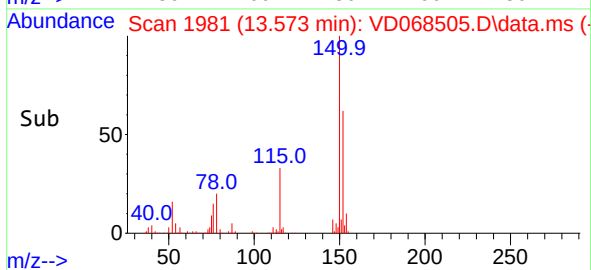
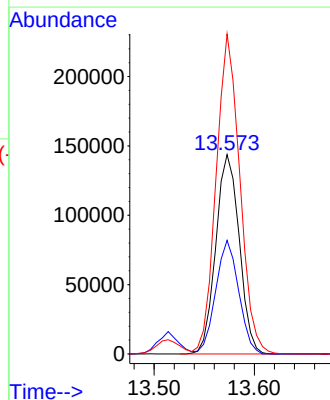
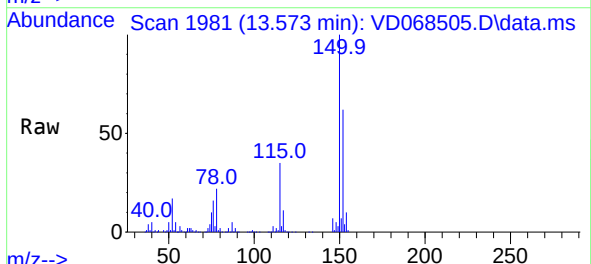
Manual Integrations
APPROVED

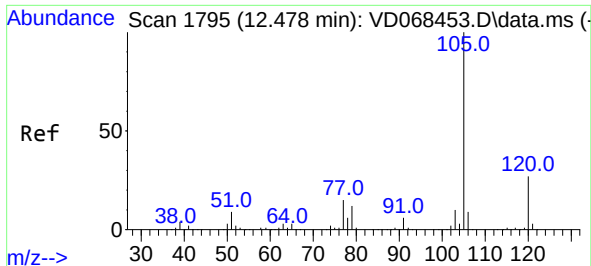
MMDadoda
3/4/2021 2:04:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:152 Resp: 233397
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.8
150 162.2 0.0 344.4





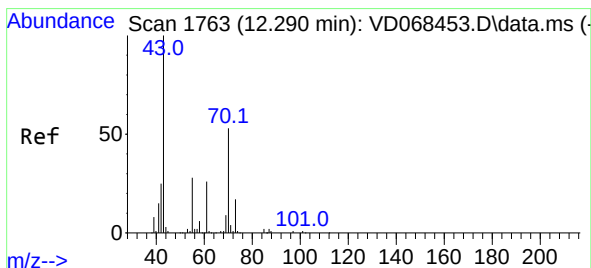
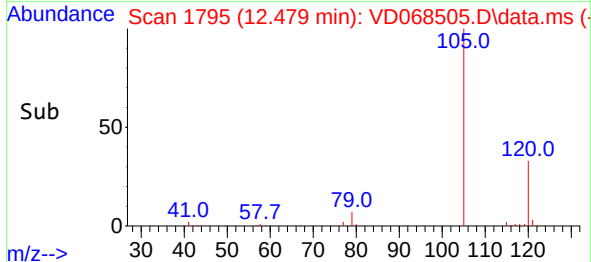
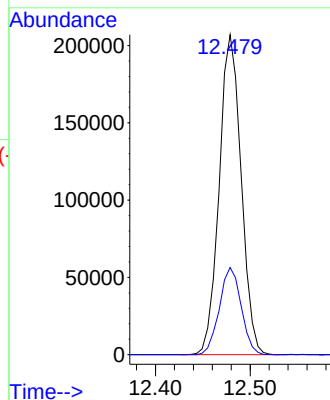
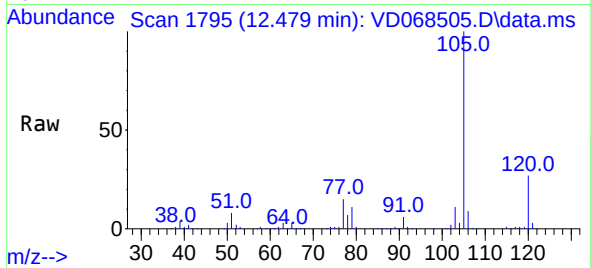
#73
Isopropylbenzene
Concen: 19.24 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 105 Resp: 333102
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

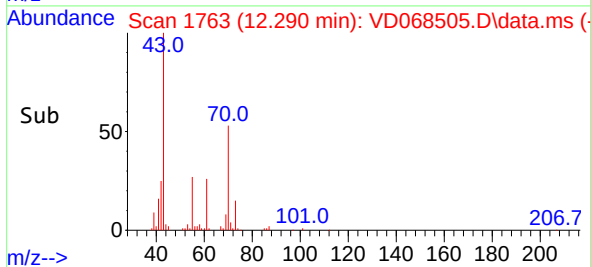
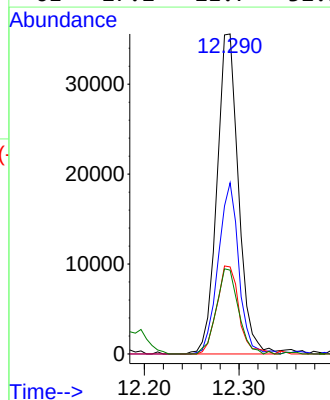
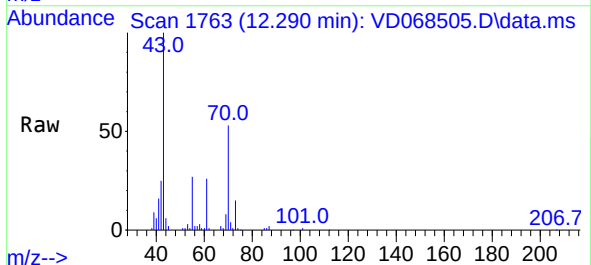
Manual Integrations
APPROVED

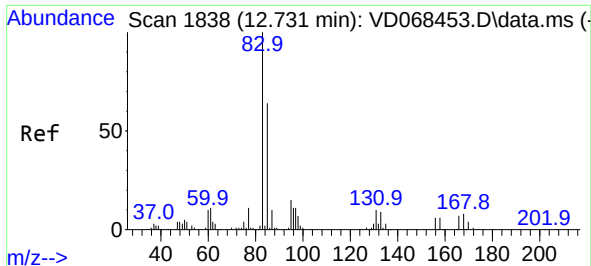
MMDadoda
3/4/2021 2:04:17 PM



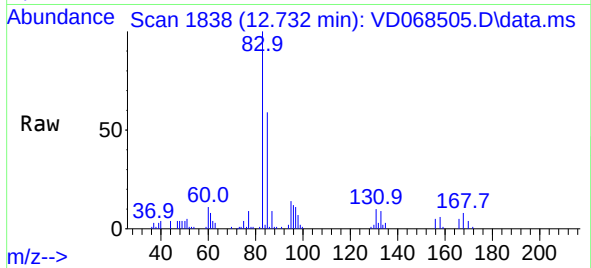
#74
N-ethyl acetate
Concen: 19.17 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 43 Resp: 56523
Ion Ratio Lower Upper
43 100
70 51.0 41.8 62.8
55 28.1 24.2 36.4
61 27.2 21.7 32.5

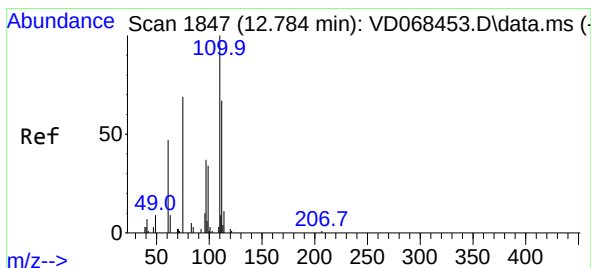
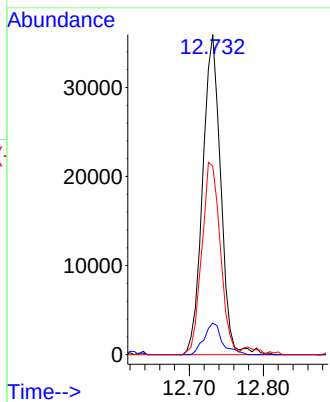
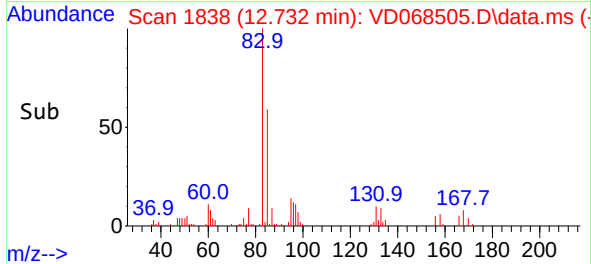




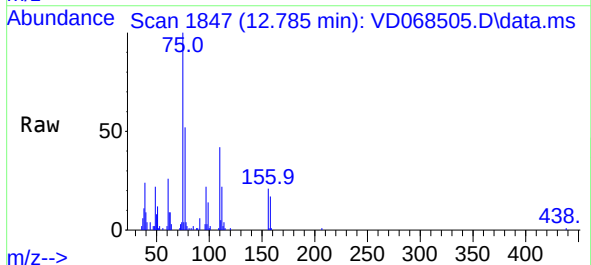
#75
1,1,2,2-Tetrachloroethane
Concen: 20.39 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



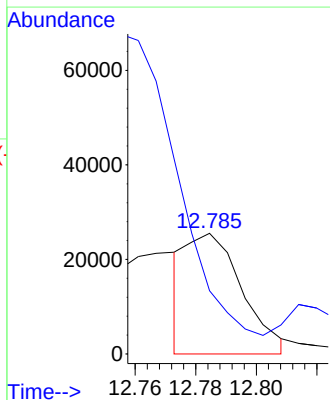
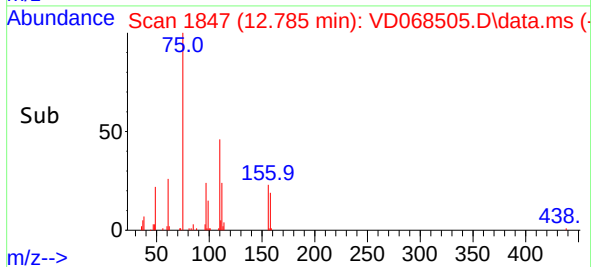
Tgt Ion: 83 Resp: 60733
Ion Ratio Lower Upper
83 100
131 9.9 5.8 17.4
85 61.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 15.64 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.001 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



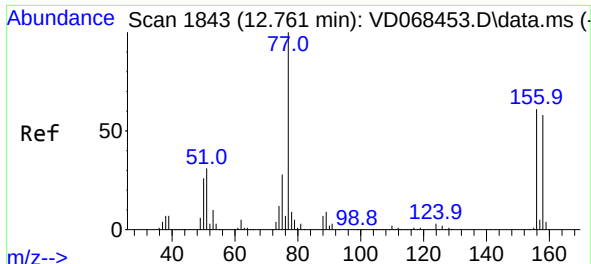
Tgt Ion: 75 Resp: 32412
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



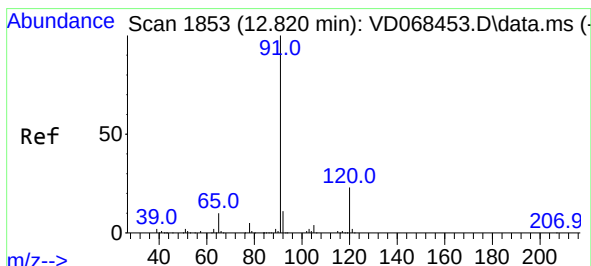
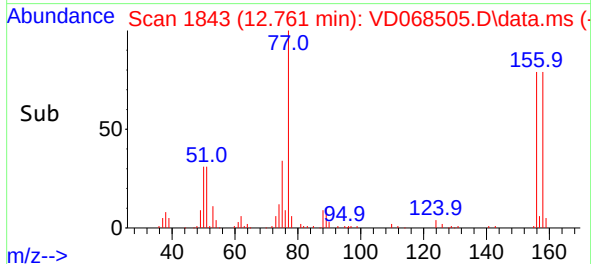
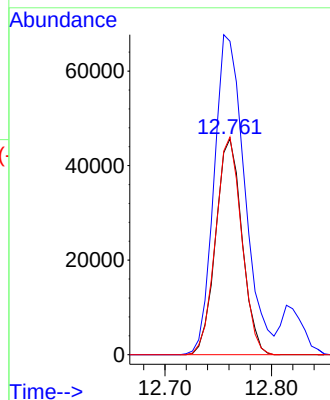
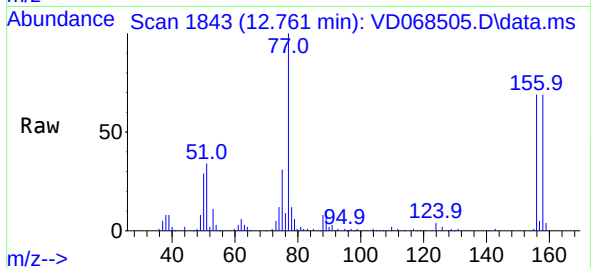
#77
Bromobenzene
Concen: 19.81 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion: 156 Resp: 78244
Ion Ratio Lower Upper
156 100
77 172.6 82.8 248.3
158 99.6 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

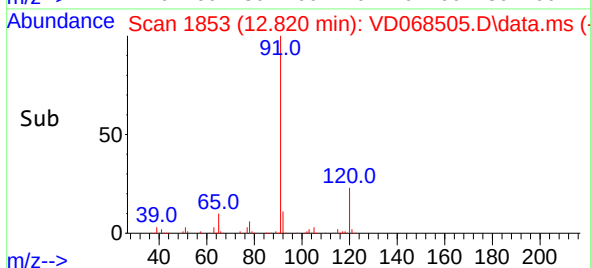
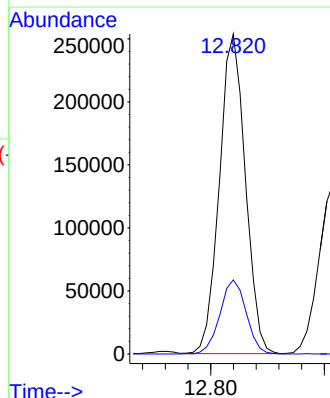
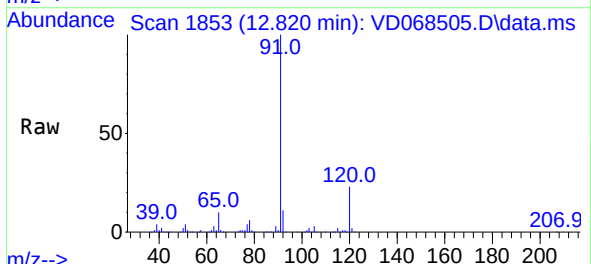
Manual Integrations
APPROVED

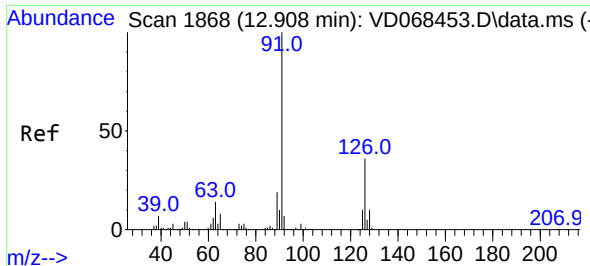
MMDadoda
3/4/2021 2:04:17 PM



#78
n-propylbenzene
Concen: 19.42 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

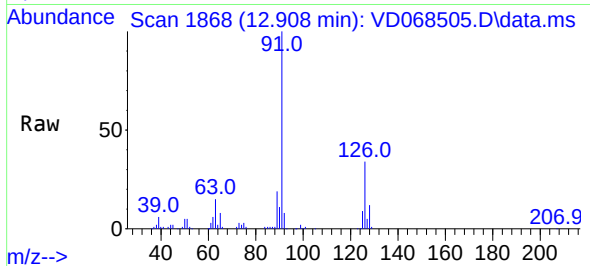
Tgt Ion: 91 Resp: 401768
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.0





#79
2-Chlorotoluene
Concen: 19.47 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

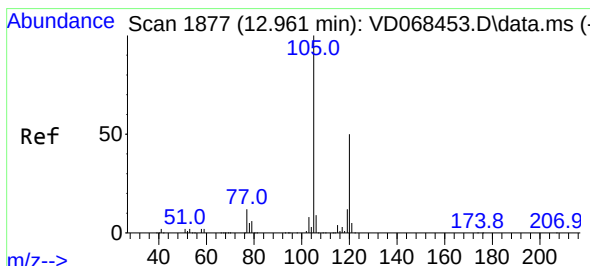
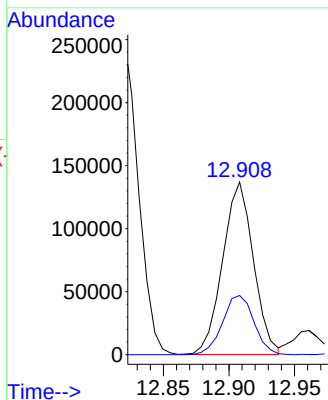
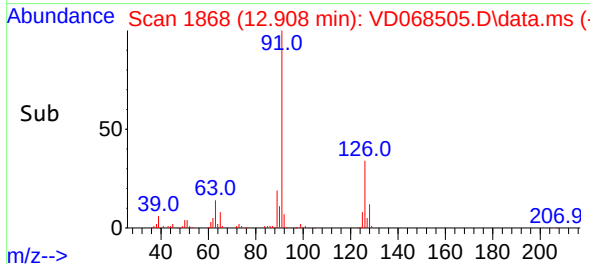
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



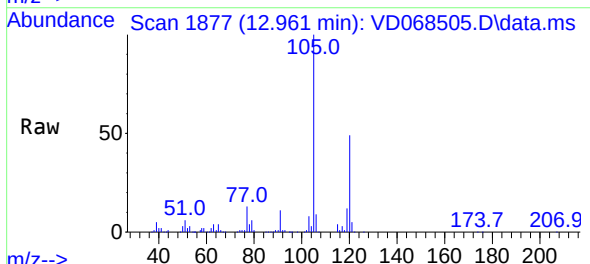
Tgt Ion: 91 Resp: 223487
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5

Manual Integrations
APPROVED

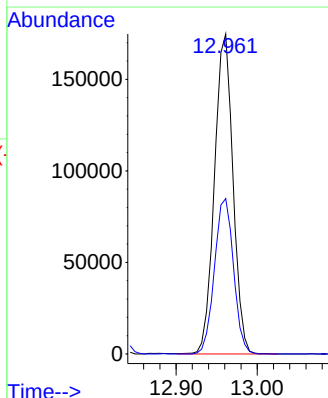
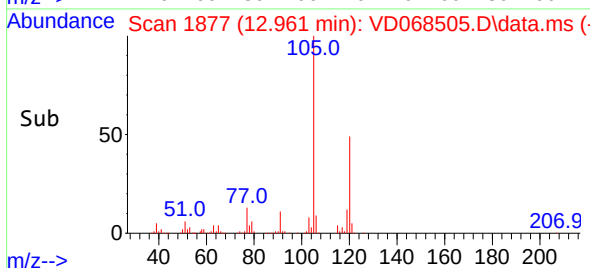
MMDadoda
3/4/2021 2:04:17 PM

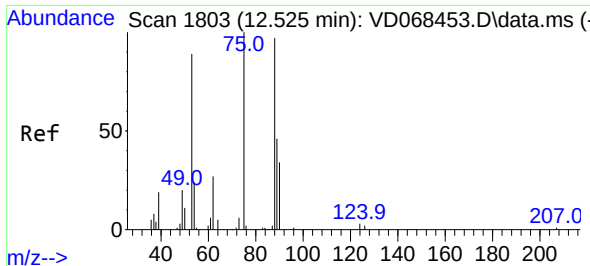


#80
1,3,5-Trimethylbenzene
Concen: 19.57 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



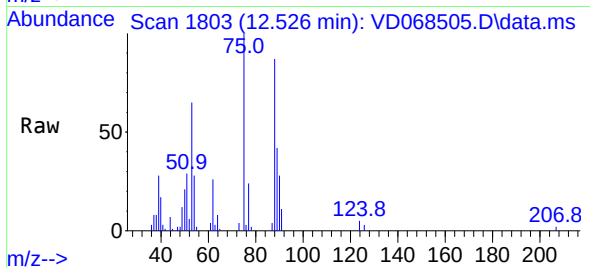
Tgt Ion: 105 Resp: 277698
Ion Ratio Lower Upper
105 100
120 49.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.32 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

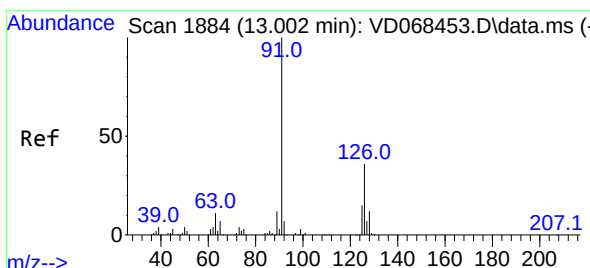
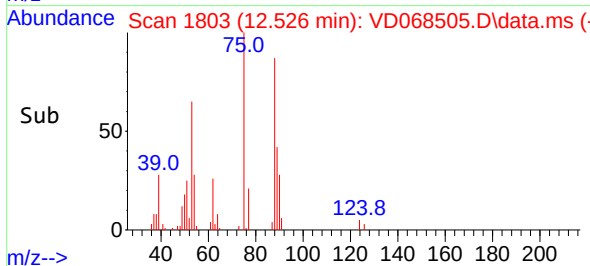
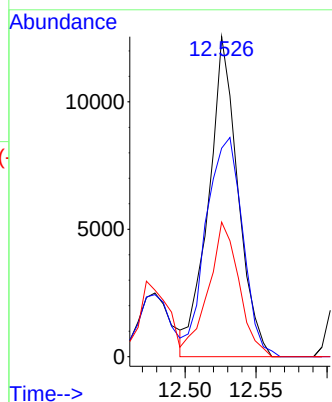
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



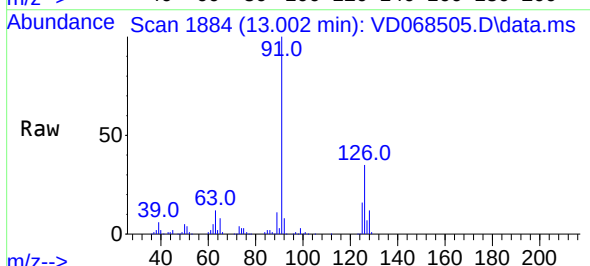
Tgt Ion: 75 Resp: 18043
Ion Ratio Lower Upper
75 100
53 85.5 70.2 105.2
89 44.3 40.3 60.5

Manual Integrations
APPROVED

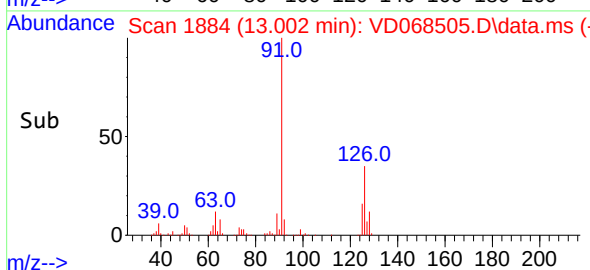
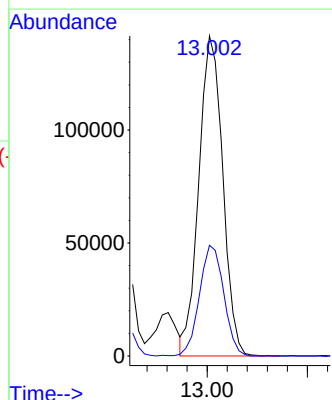
MMDadoda
3/4/2021 2:04:17 PM

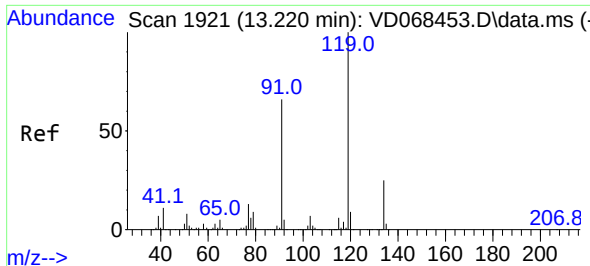


#82
4-Chlorotoluene
Concen: 19.43 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



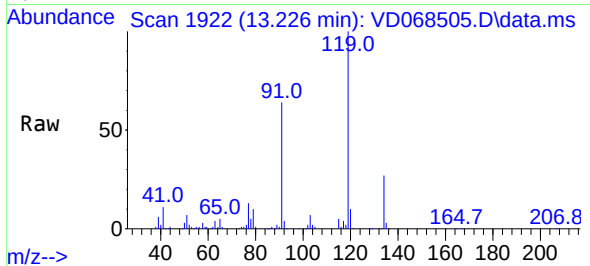
Tgt Ion: 91 Resp: 234713
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





#83
tert-Butylbenzene
Concen: 19.66 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

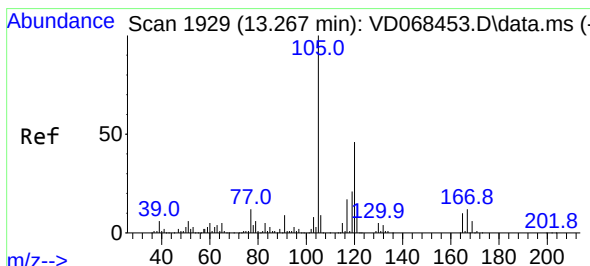
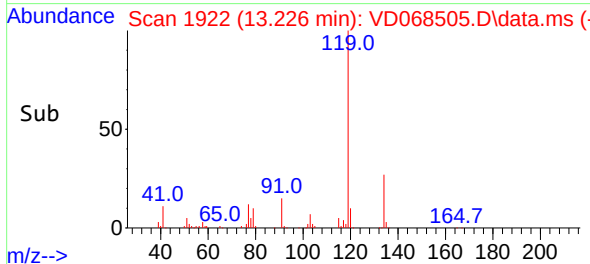
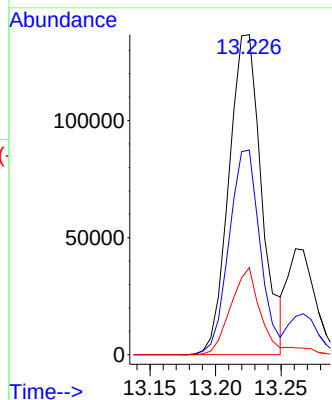
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01



Tgt Ion:119 Resp: 237444
Ion Ratio Lower Upper
119 100
91 61.1 31.1 93.5
134 26.0 13.3 39.8

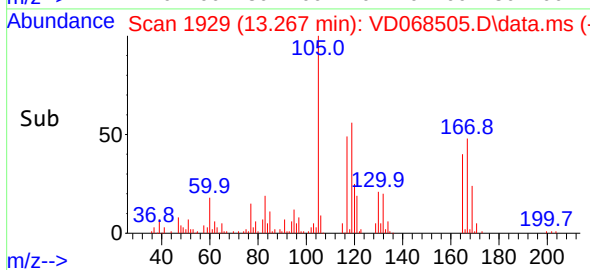
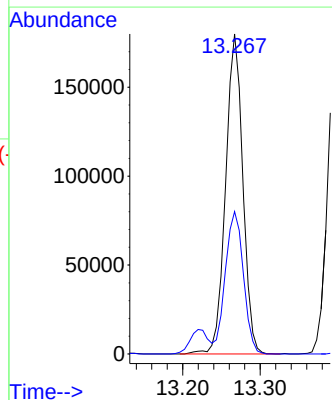
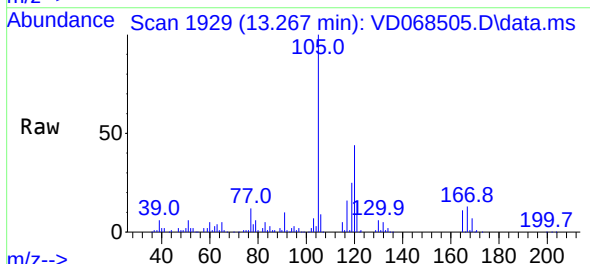
Manual Integrations
APPROVED

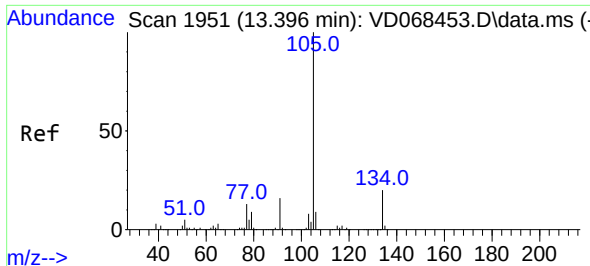
MMDadoda
3/4/2021 2:04:17 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.57 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

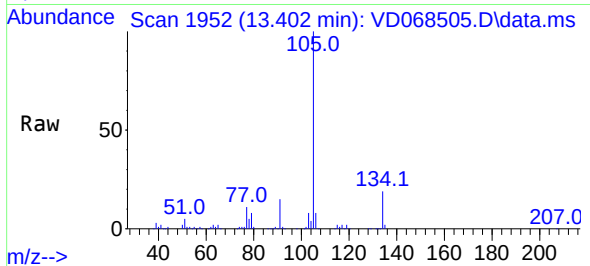
Tgt Ion:105 Resp: 278042
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 19.83 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068505.D
 Acq: 03 Mar 2021 11:28

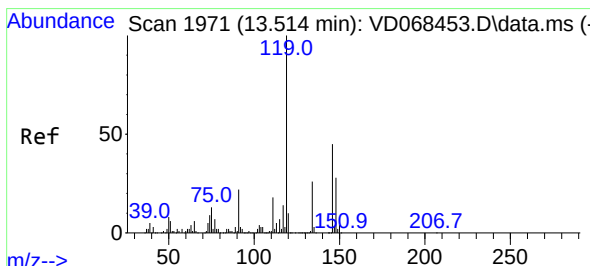
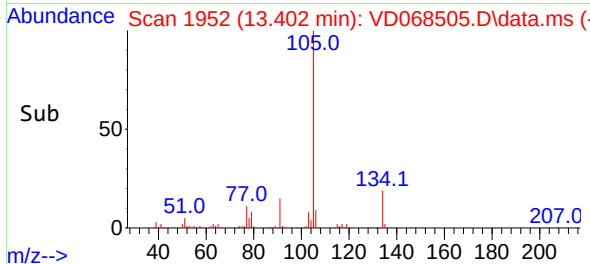
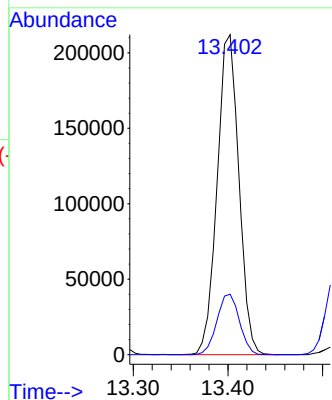
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0303SBS01



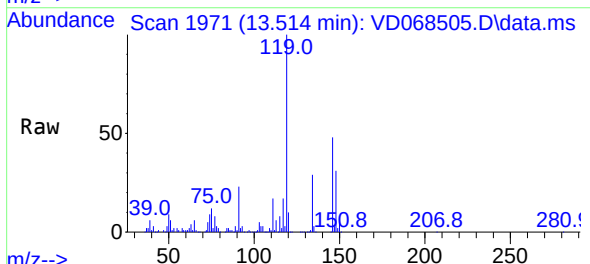
Tgt Ion:105 Resp: 338372
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.9

Manual Integrations
 APPROVED

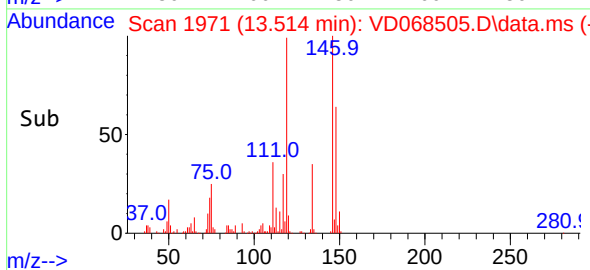
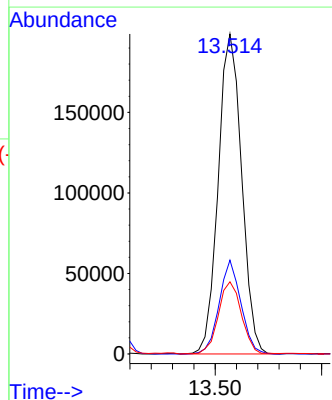
MMDadoda
 3/4/2021 2:04:17 PM

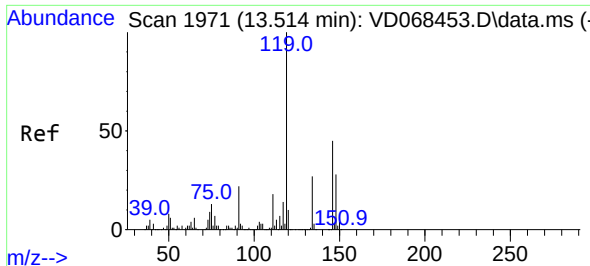


#86
 p-Isopropyltoluene
 Concen: 19.55 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068505.D
 Acq: 03 Mar 2021 11:28



Tgt Ion:119 Resp: 302873
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.9 38.7
 91 22.0 11.7 35.0





#87

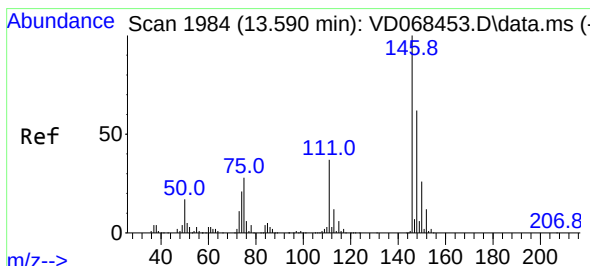
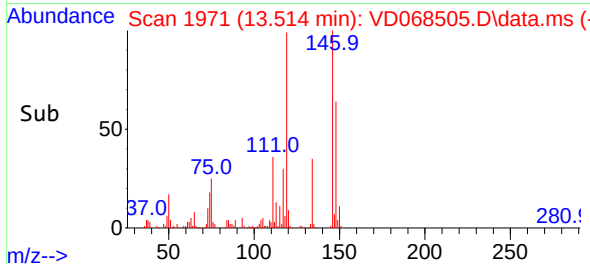
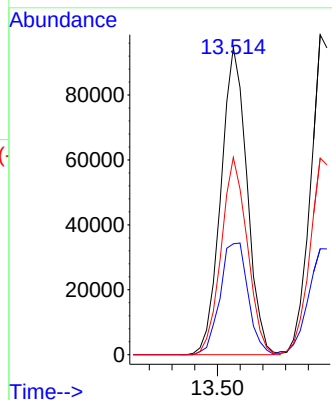
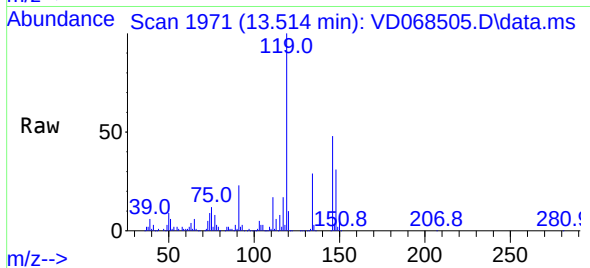
1,3-Dichlorobenzene
Concen: 19.81 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:146 Resp: 151155
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 64.1 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

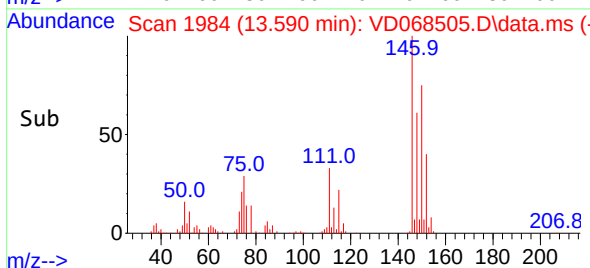
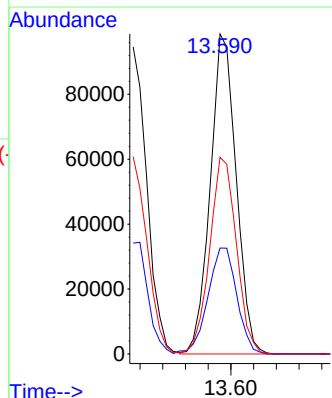
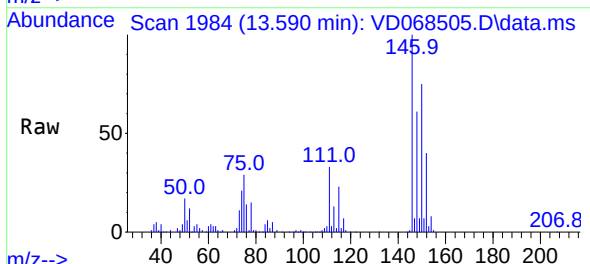
MMDadoda
3/4/2021 2:04:17 PM

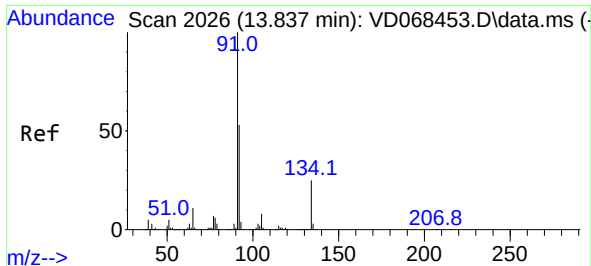


#88

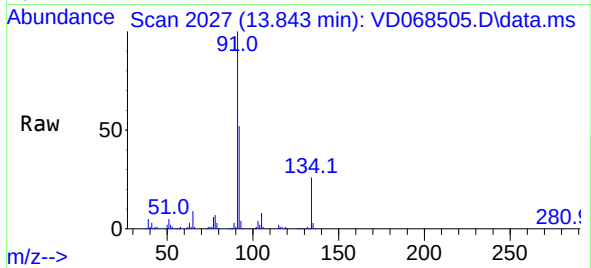
1,4-Dichlorobenzene
Concen: 20.68 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:146 Resp: 156312
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 63.3 31.9 95.7

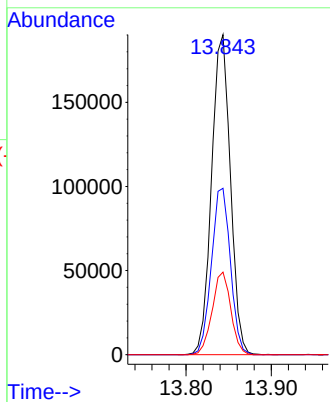
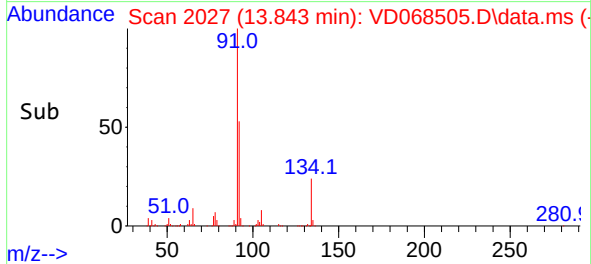




#89
n-Butylbenzene
Concen: 19.52 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



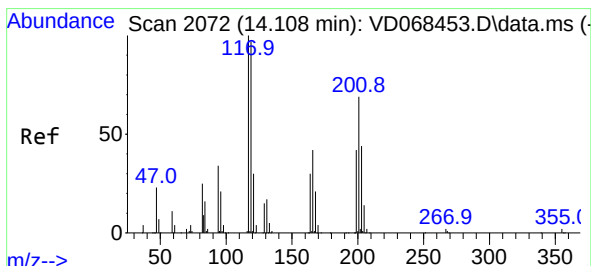
Tgt Ion: 91 Resp: 291724
Ion Ratio Lower Upper
91 100
92 52.5 27.2 81.6
134 25.6 13.9 41.7



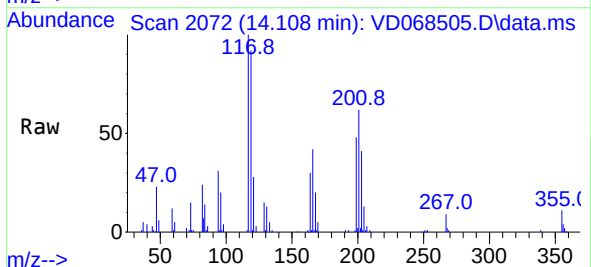
Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

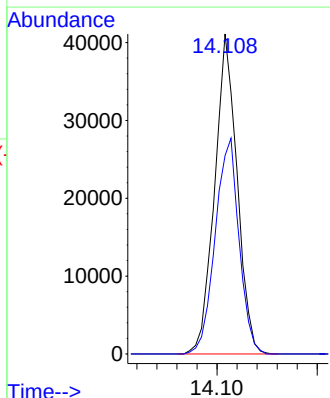
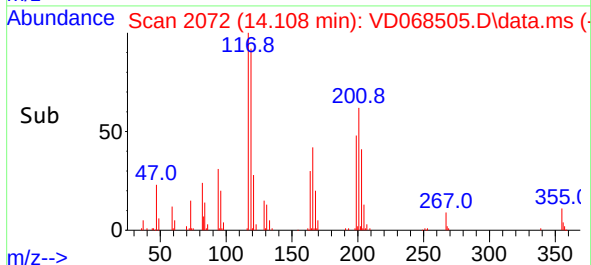
MMDadoda
3/4/2021 2:04:17 PM

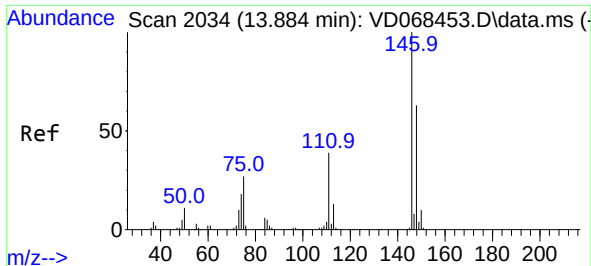


#90
Hexachloroethane
Concen: 20.79 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

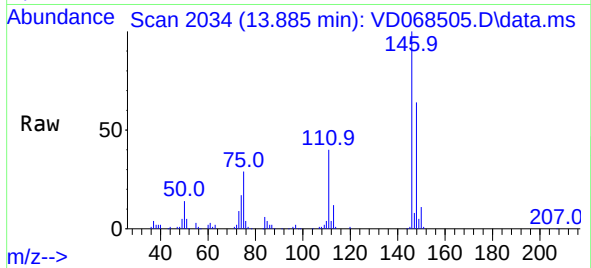


Tgt Ion: 117 Resp: 63992
Ion Ratio Lower Upper
117 100
201 71.3 39.5 118.5

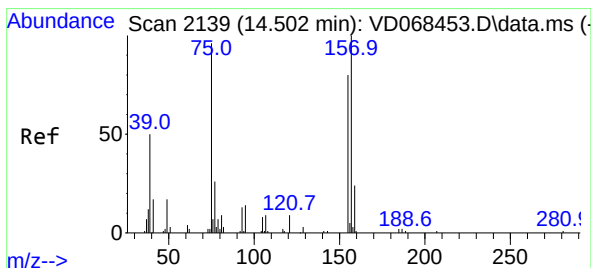
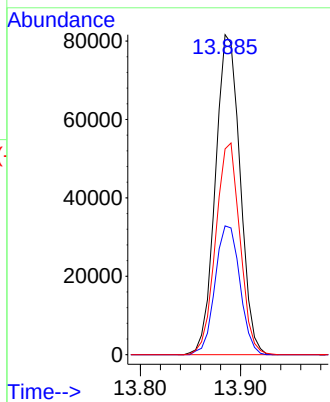
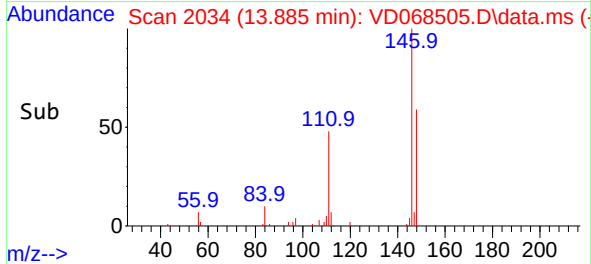




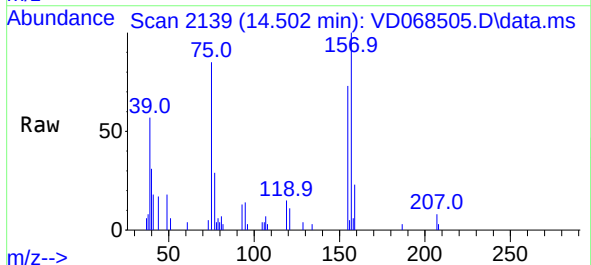
#91
1,2-Dichlorobenzene
Concen: 21.31 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



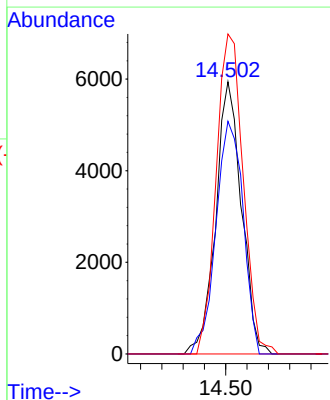
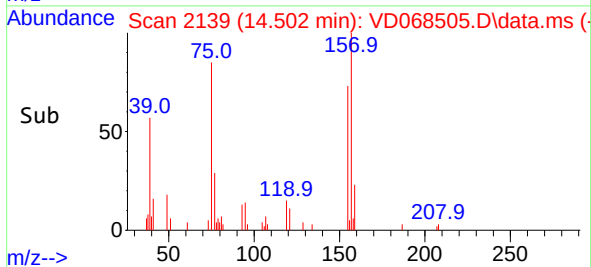
Tgt Ion:146 Resp: 139454
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 65.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.98 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



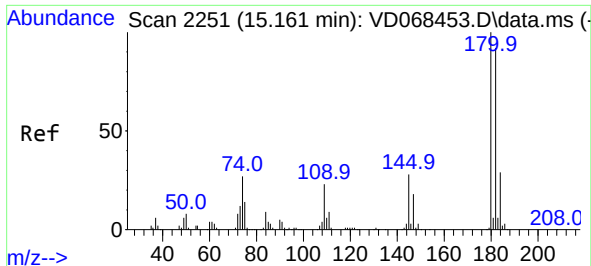
Tgt Ion: 75 Resp: 9961
Ion Ratio Lower Upper
75 100
155 90.0 48.0 144.2
157 123.2 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

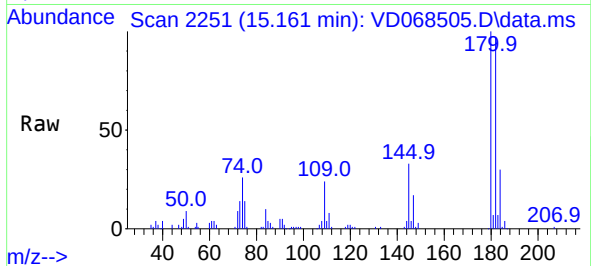
Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



#93
1,2,4-Trichlorobenzene
Concen: 20.41 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

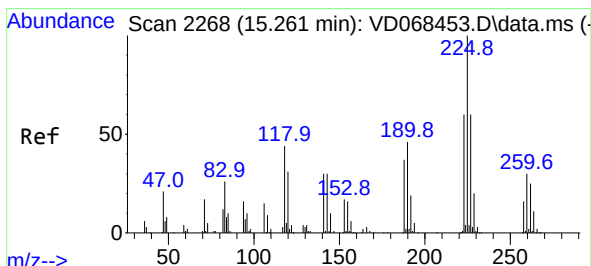
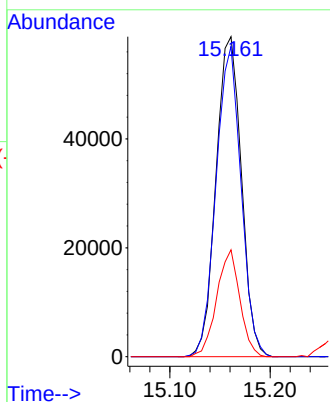
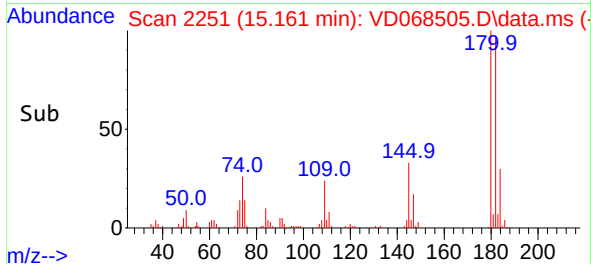
Instrument :
MSVOA_D
ClientSampled :
VD0303SBS01



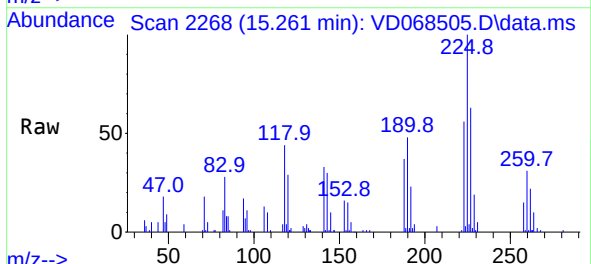
Tgt Ion:180 Resp: 103158
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 30.5 15.2 45.5

Manual Integrations
APPROVED

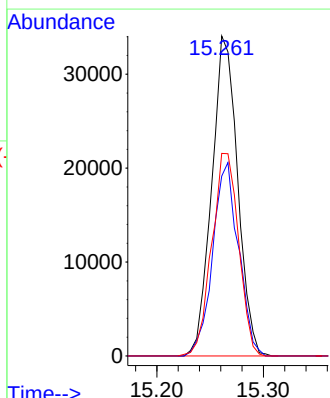
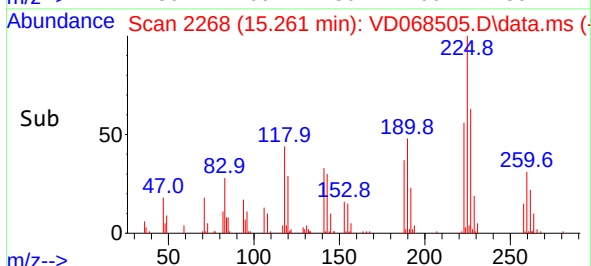
MMDadoda
3/4/2021 2:04:17 PM

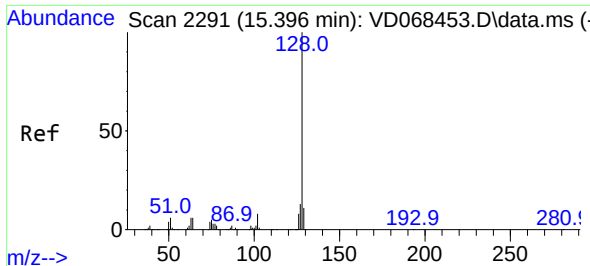


#94
Hexachlorobutadiene
Concen: 20.48 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28



Tgt Ion:225 Resp: 57463
Ion Ratio Lower Upper
225 100
223 60.4 31.9 95.5
227 65.6 32.1 96.5





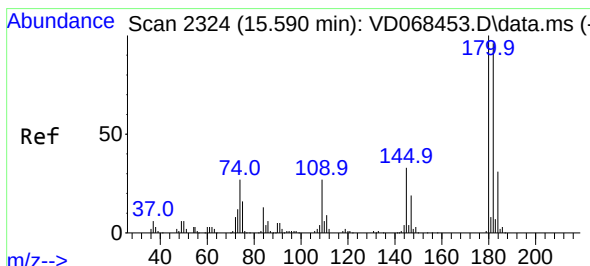
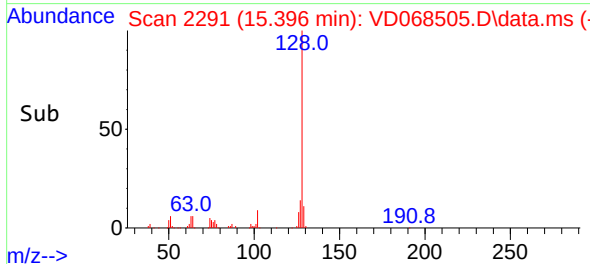
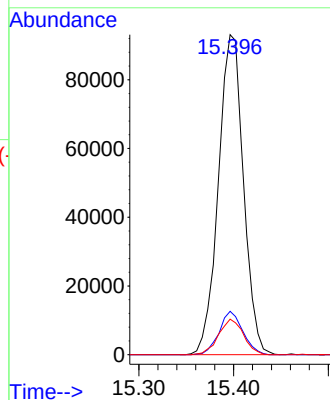
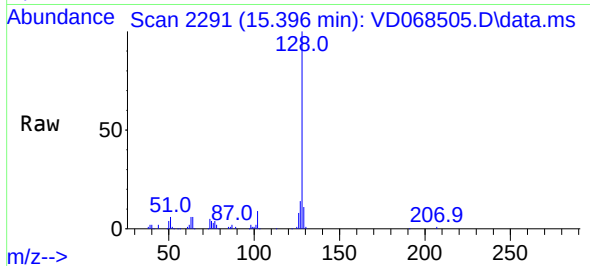
#95
Naphthalene
Concen: 18.74 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:128 Resp: 171482
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0303SBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.39 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068505.D
Acq: 03 Mar 2021 11:28

Tgt Ion:180 Resp: 89233
Ion Ratio Lower Upper
180 100
182 92.3 48.3 144.8
145 31.9 16.7 50.1

