

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068428.D
 Acq On : 24 Feb 2021 10:51
 Operator : VA/SY
 Sample : VD0224SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0224SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:42 PM

Quant Time: Feb 25 00:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	354060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	615779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179050	49.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.94%		
35) Dibromofluoromethane	7.920	113	183190	50.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.24%		
50) Toluene-d8	10.338	98	740768	48.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.80%		
62) 4-Bromofluorobenzene	12.632	95	239130	48.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	67046	20.66	ug/l	94
3) Chloromethane	2.209	50	79425	20.56	ug/l	92
4) Vinyl Chloride	2.350	62	100743	21.79	ug/l	98
5) Bromomethane	2.756	94	69893	21.15	ug/l	97
6) Chloroethane	2.915	64	65038	21.53	ug/l	97
7) Trichlorofluoromethane	3.273	101	123015	21.61	ug/l	100
8) Diethyl Ether	3.709	74	35347	21.15	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	76014	21.95	ug/l	94
10) Methyl Iodide	4.309	142	66405	20.42	ug/l	93
11) Tert butyl alcohol	5.226	59	23361	128.73	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	71033	21.09	ug/l	86
13) Acrolein	3.920	56	17280	83.27	ug/l	100
14) Allyl chloride	4.720	41	90995	20.78	ug/l	98
15) Acrylonitrile	5.420	53	79614	110.36	ug/l	98
16) Acetone	4.162	43	59930	107.32	ug/l #	87
17) Carbon Disulfide	4.409	76	200205	20.53	ug/l	98
18) Methyl Acetate	4.720	43	32974	21.51	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	163609	21.53	ug/l	95
20) Methylene Chloride	4.962	84	88863	21.15	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	84272	21.62	ug/l	97
22) Diisopropyl ether	6.367	45	193735	20.00	ug/l	94
23) Vinyl Acetate	6.309	43	494056	98.76	ug/l	99
24) 1,1-Dichloroethane	6.267	63	134017	20.22	ug/l	98
25) 2-Butanone	7.220	43	81783	104.74	ug/l	96
26) 2,2-Dichloropropane	7.208	77	116688	20.58	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	90415	20.41	ug/l	98
28) Bromochloromethane	7.544	49	54682	19.89	ug/l	84
29) Tetrahydrofuran	7.561	42	51690	102.34	ug/l	98
30) Chloroform	7.714	83	143420	20.80	ug/l	98
31) Cyclohexane	7.985	56	115612	20.36	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	124867	20.96	ug/l	94
36) 1,1-Dichloropropene	8.114	75	110420	20.27	ug/l	95
37) Ethyl Acetate	7.303	43	37208	20.21	ug/l	96
38) Carbon Tetrachloride	8.097	117	108399	20.86	ug/l	96
39) Methylcyclohexane	9.355	83	134733	20.16	ug/l	97
40) Benzene	8.350	78	314139	20.22	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068428.D
 Acq On : 24 Feb 2021 10:51
 Operator : VA/SY
 Sample : VD0224SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0224SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:42 PM

Quant Time: Feb 25 00:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22412	21.15	ug/l #	94
42) 1,2-Dichloroethane	8.426	62	85058	20.52	ug/l	97
43) Isopropyl Acetate	8.456	43	72173	20.47	ug/l	98
44) Trichloroethene	9.114	130	84292	19.93	ug/l	94
45) 1,2-Dichloropropane	9.385	63	77954	20.56	ug/l	99
46) Dibromomethane	9.473	93	41702	20.27	ug/l	93
47) Bromodichloromethane	9.667	83	109088	20.46	ug/l	97
48) Methyl methacrylate	9.461	41	32845	18.67	ug/l #	85
49) 1,4-Dioxane	9.461	88	9782	407.06	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	187230	103.42	ug/l	97
52) Toluene	10.402	92	205123	20.53	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	100409	20.35	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	122269	20.28	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	60178	21.18	ug/l #	89
56) Ethyl methacrylate	10.661	69	67797	20.11	ug/l	98
57) 1,3-Dichloropropane	10.949	76	102763	20.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	183975	101.91	ug/l	92
59) 2-Hexanone	10.985	43	128273	104.81	ug/l	99
60) Dibromochloromethane	11.138	129	73119	20.74	ug/l	99
61) 1,2-Dibromoethane	11.249	107	56036	20.41	ug/l	94
64) Tetrachloroethene	10.873	164	69872	20.55	ug/l	93
65) Chlorobenzene	11.673	112	218496	20.56	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	78096	21.07	ug/l	97
67) Ethyl Benzene	11.744	91	390178	20.48	ug/l	100
68) m/p-Xylenes	11.855	106	297056	41.26	ug/l	98
69) o-Xylene	12.179	106	138455	20.96	ug/l	94
70) Styrene	12.196	104	235456	20.49	ug/l	98
71) Bromoform	12.361	173	39533	20.75	ug/l #	99
73) Isopropylbenzene	12.479	105	384167	20.45	ug/l	99
74) N-amyl acetate	12.285	43	66013	19.90	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	67022	20.59	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	45918m	18.76	ug/l	
77) Bromobenzene	12.761	156	84891	20.23	ug/l	90
78) n-propylbenzene	12.820	91	456546	20.30	ug/l	98
79) 2-Chlorotoluene	12.908	91	248824	19.98	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	313929	20.45	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	20315	20.81	ug/l	95
82) 4-Chlorotoluene	13.002	91	264987	20.13	ug/l	97
83) tert-Butylbenzene	13.220	119	267035	20.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	306694	20.05	ug/l	97
85) sec-Butylbenzene	13.402	105	381666	20.50	ug/l	98
86) p-Isopropyltoluene	13.514	119	344011	20.57	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	165196	20.35	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	165126	20.44	ug/l	99
89) n-Butylbenzene	13.838	91	329295	20.18	ug/l	97
90) Hexachloroethane	14.108	117	63352	20.87	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	142022	20.17	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10577	22.22	ug/l	91
93) 1,2,4-Trichlorobenzene	15.161	180	113372	24.59	ug/l	98
94) Hexachlorobutadiene	15.267	225	64362	25.38	ug/l	98
95) Naphthalene	15.402	128	207852	24.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	99233	24.67	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
Data File : VD068428.D
Acq On : 24 Feb 2021 10:51
Operator : VA/SY
Sample : VD0224SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

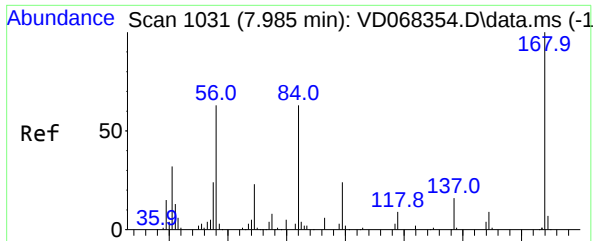
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM

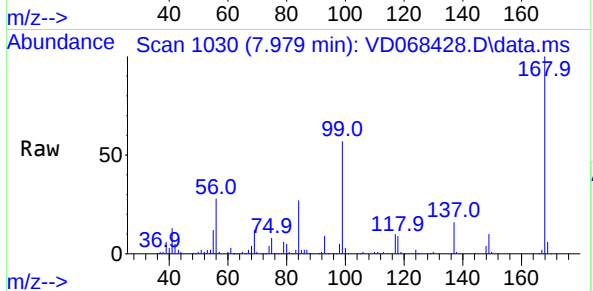
Quant Time: Feb 25 00:09:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

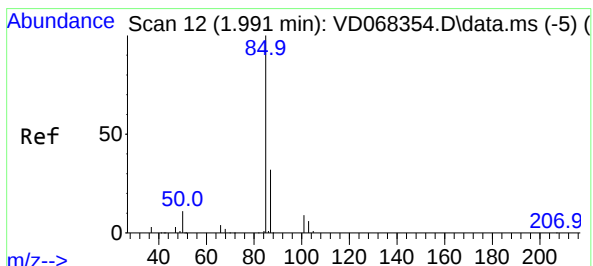
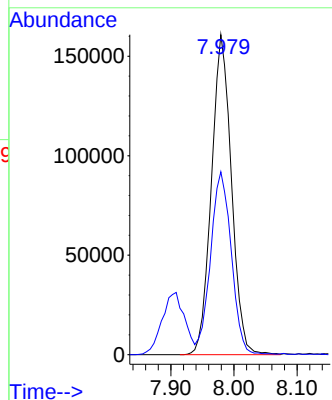
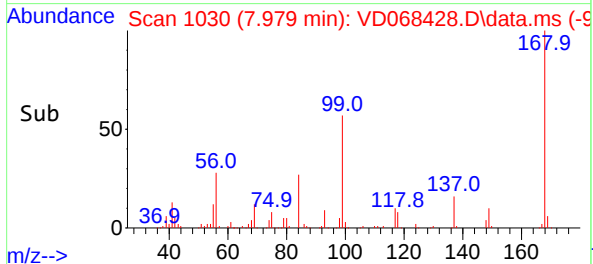
(#) = qualifier out of range (m) = manual integration (+) = signals summed



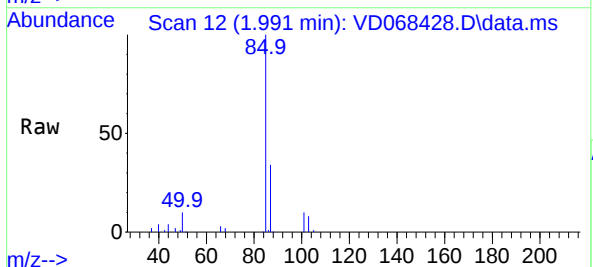
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



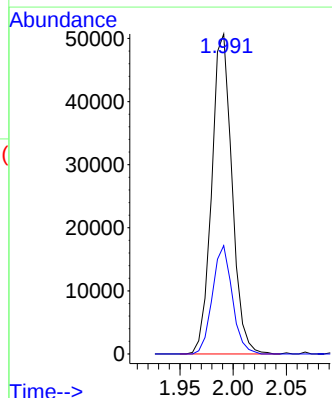
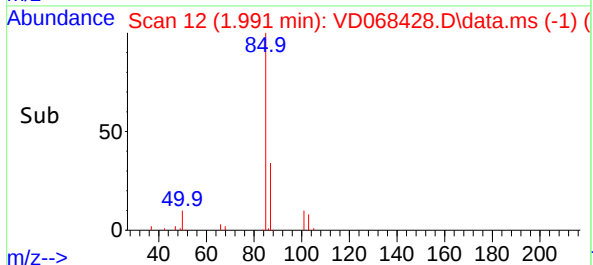
Tgt Ion:168 Resp: 354060
Ion Ratio Lower Upper
168 100
99 56.9 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 20.66 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



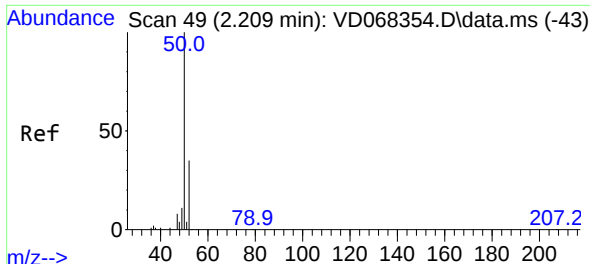
Tgt Ion: 85 Resp: 67046
Ion Ratio Lower Upper
85 100
87 33.9 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



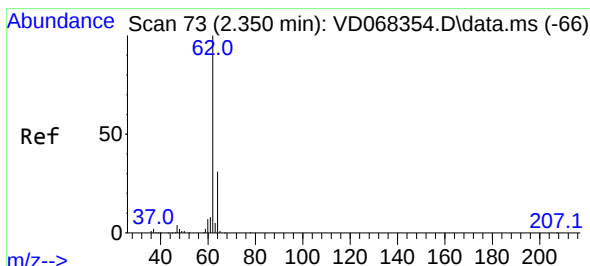
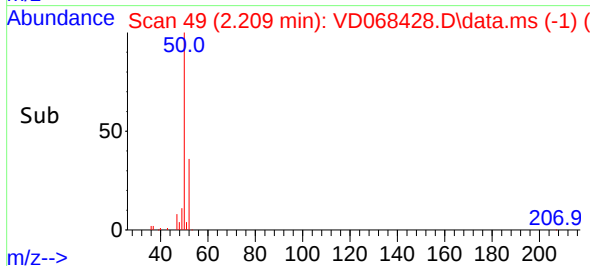
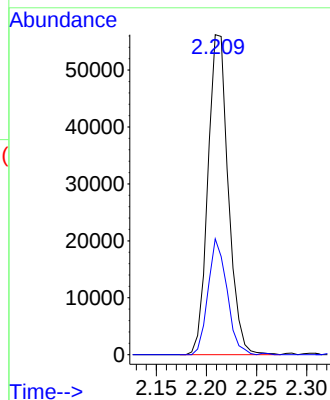
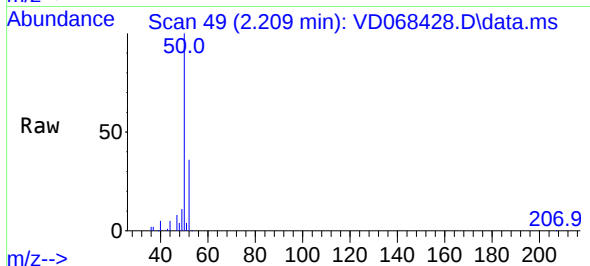
#3
Chloromethane
Concen: 20.56 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 50 Resp: 79425
Ion Ratio Lower Upper
50 100
52 36.2 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

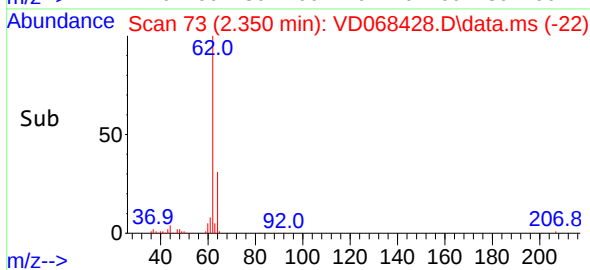
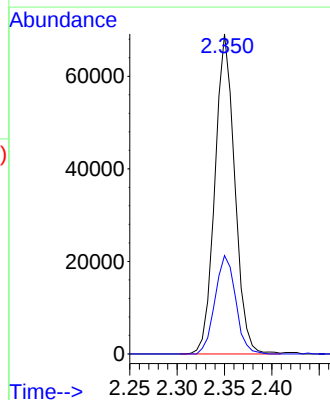
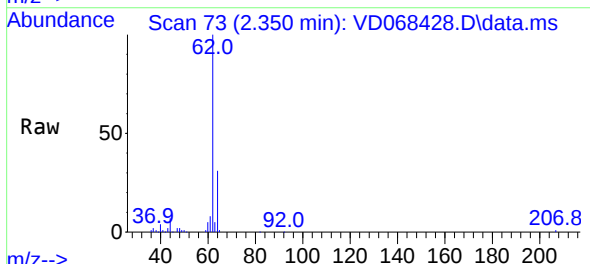
Manual Integrations
APPROVED

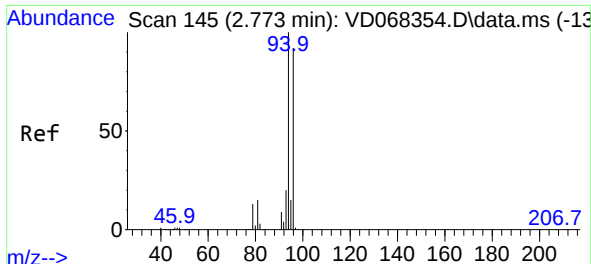
MMDadoda
2/25/2021 12:16:42 PM



#4
Vinyl Chloride
Concen: 21.79 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

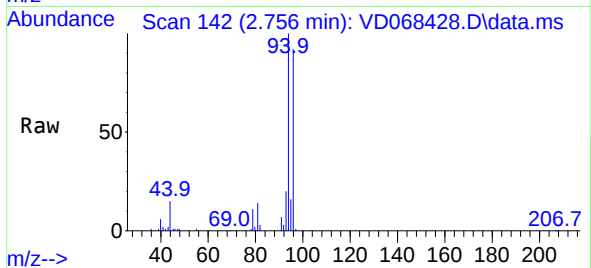
Tgt Ion: 62 Resp: 100743
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





#5
Bromomethane
Concen: 21.15 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

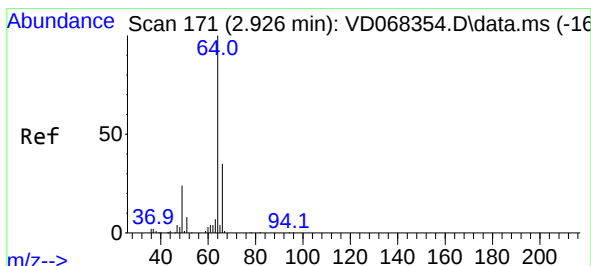
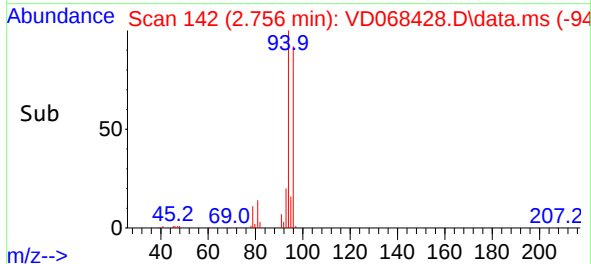
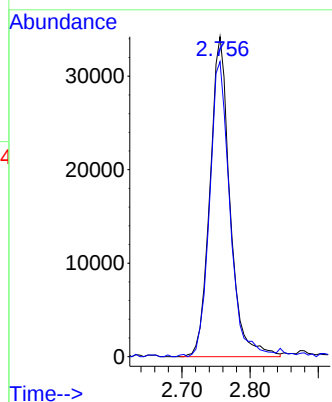
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion: 94 Resp: 69893
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.8

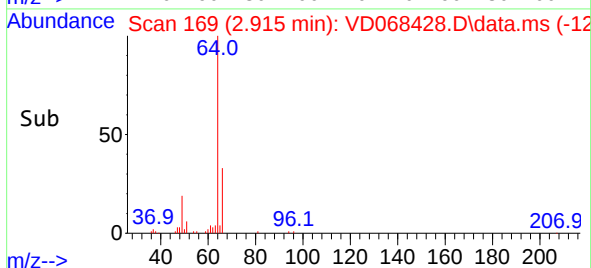
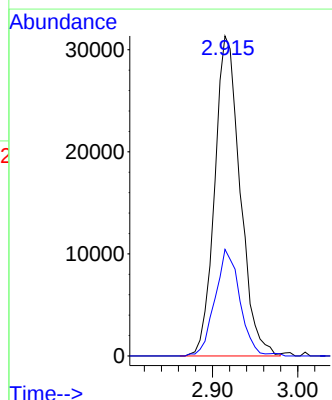
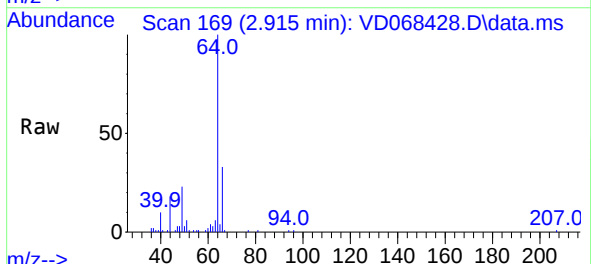
Manual Integrations
APPROVED

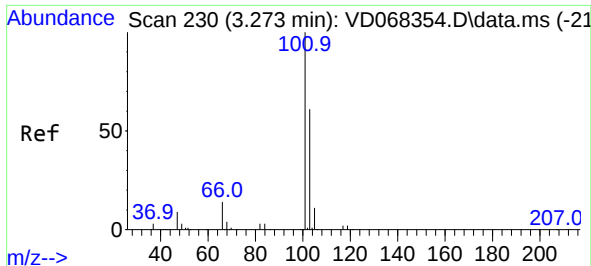
MMDadoda
2/25/2021 12:16:42 PM



#6
Chloroethane
Concen: 21.53 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 64 Resp: 65038
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





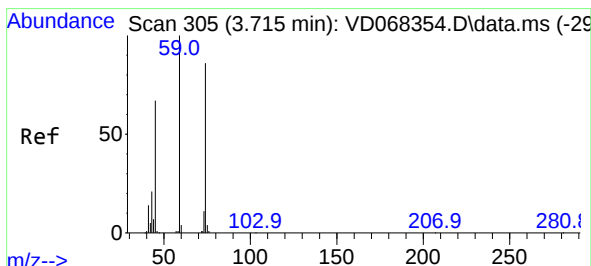
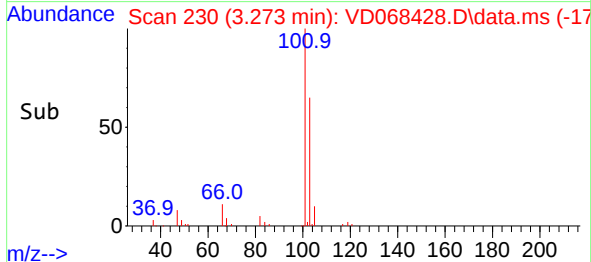
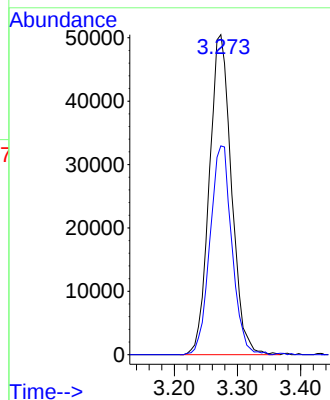
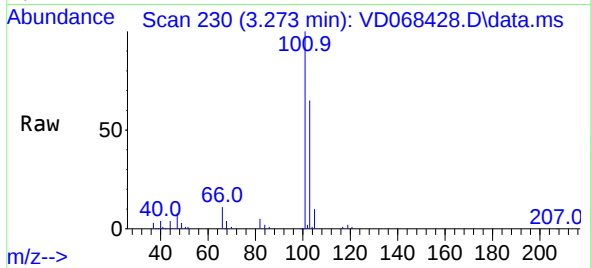
#7
Trichlorofluoromethane
Concen: 21.61 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:101 Resp: 123015
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

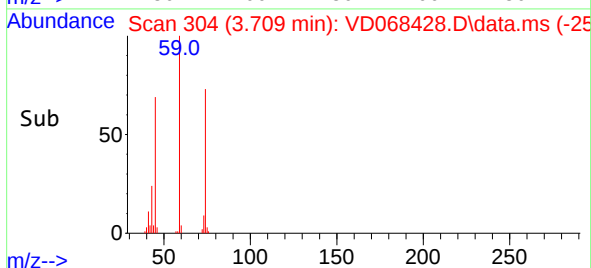
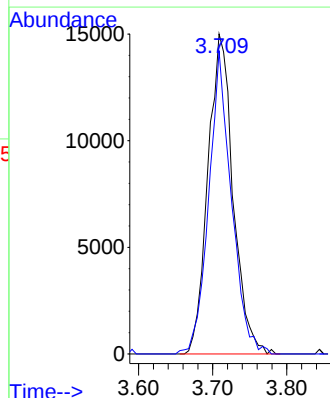
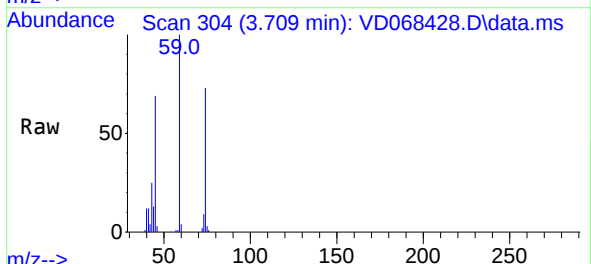
Manual Integrations
APPROVED

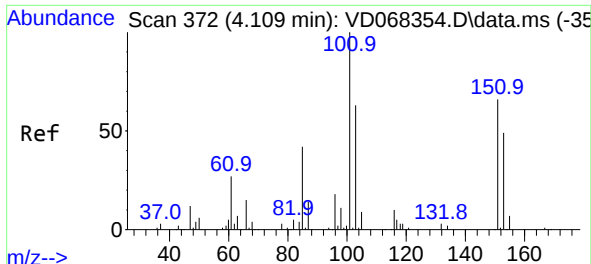
MMDadoda
2/25/2021 12:16:42 PM



#8
Diethyl Ether
Concen: 21.15 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 74 Resp: 35347
Ion Ratio Lower Upper
74 100
45 85.6 42.1 126.4





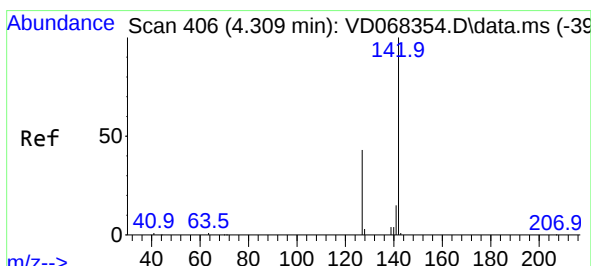
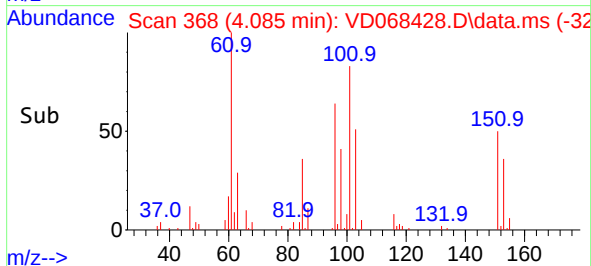
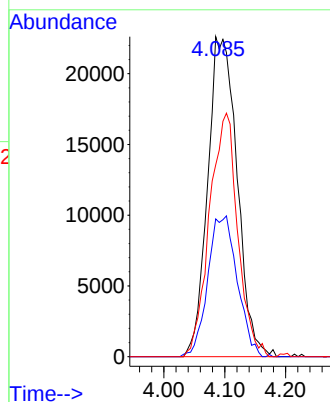
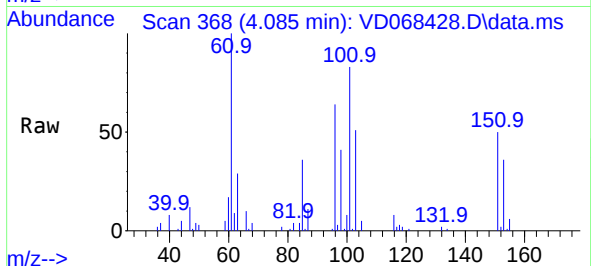
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.95 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.024 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:	101	Resp:	76014
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.0	51.0
151	72.9	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

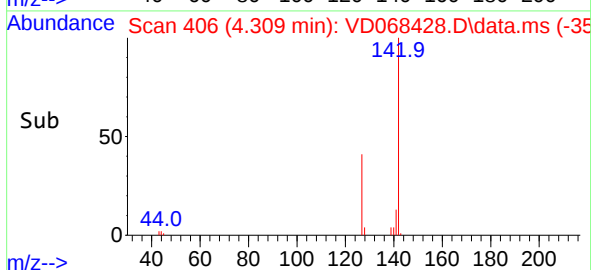
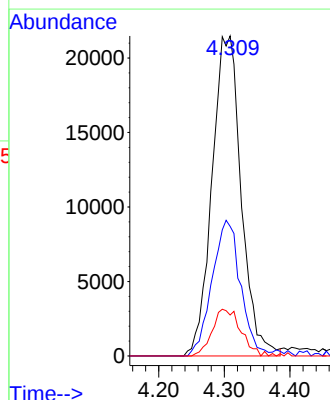
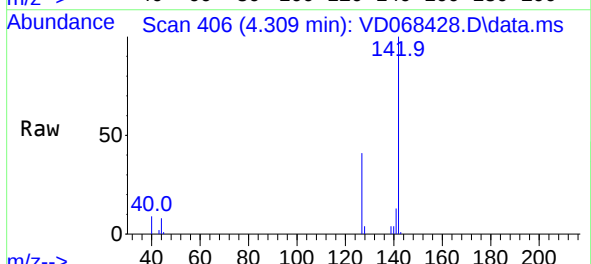
Manual Integrations
APPROVED

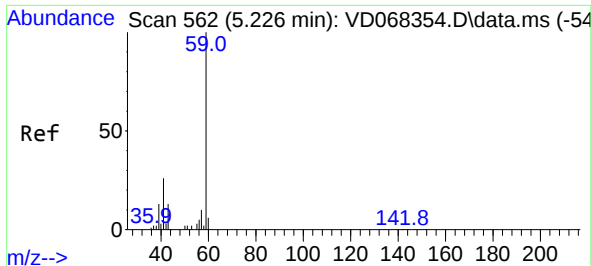
MMDadoda
2/25/2021 12:16:42 PM



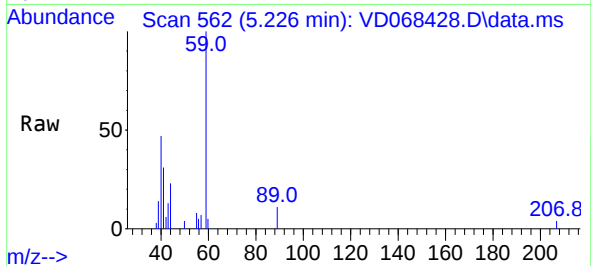
#10
Methyl Iodide
Concen: 20.42 ug/l
RT: 4.309 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:	142	Resp:	66405
Ion	Ratio	Lower	Upper
142	100		
127	41.2	37.9	56.9
141	14.4	11.5	17.3

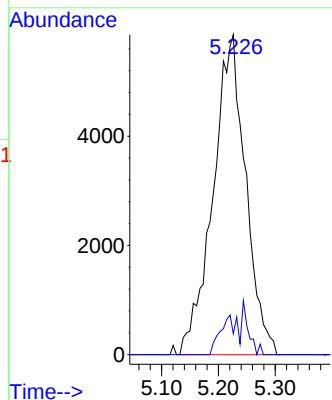
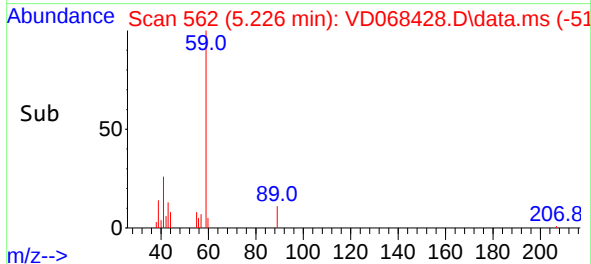




#11
Tert butyl alcohol
Concen: 128.73 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



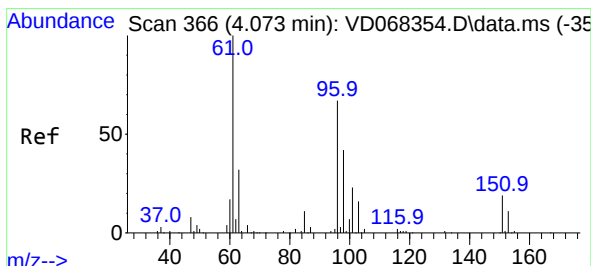
Tgt Ion: 59 Resp: 23361
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.2#



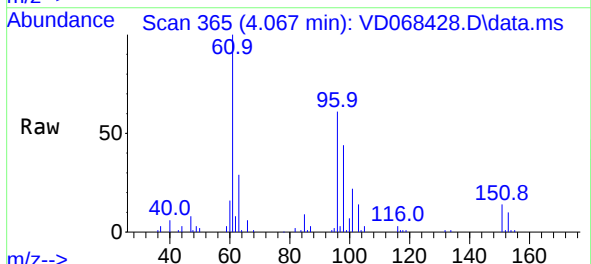
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

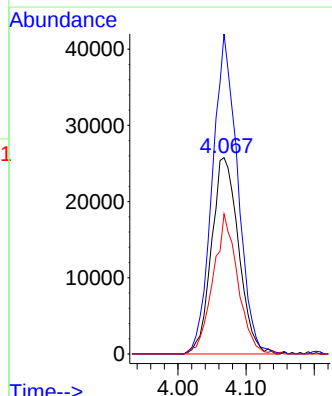
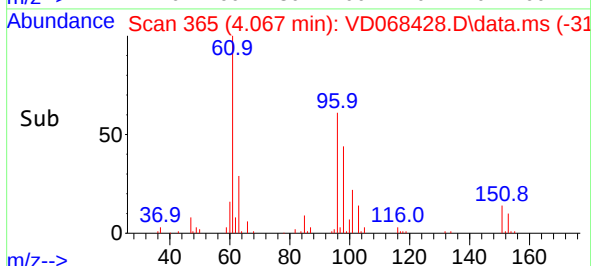
MMDadoda
2/25/2021 12:16:42 PM

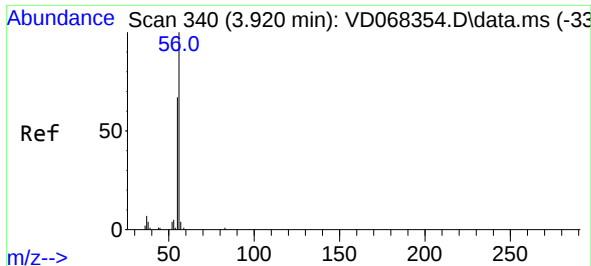


#12
1,1-Dichloroethene
Concen: 21.09 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion: 96 Resp: 71033
Ion Ratio Lower Upper
96 100
61 162.9 116.2 174.4
98 71.3 48.6 73.0





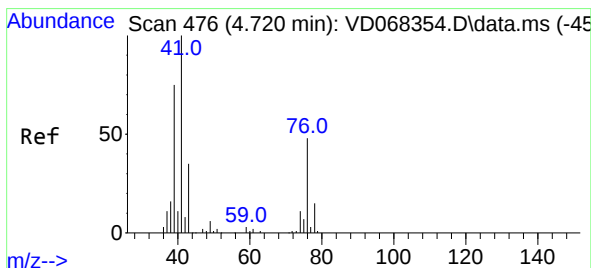
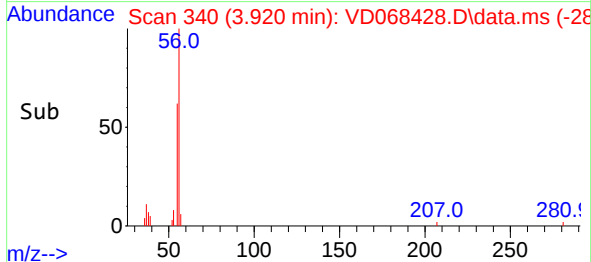
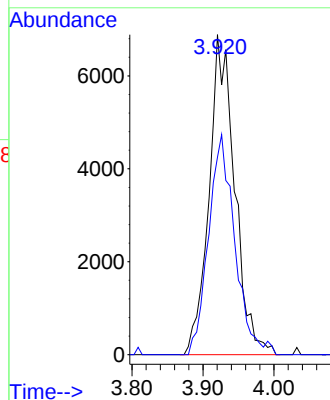
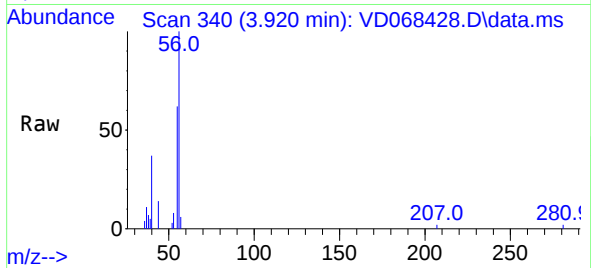
#13
Acrolein
Concen: 83.27 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 56 Resp: 17280
Ion Ratio Lower Upper
56 100
55 70.5 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

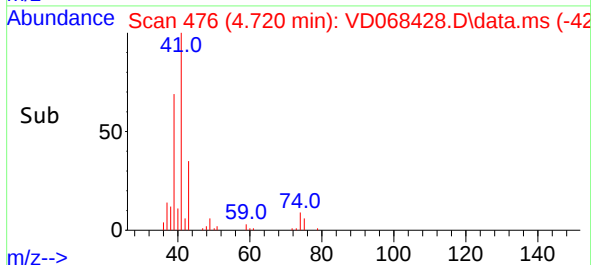
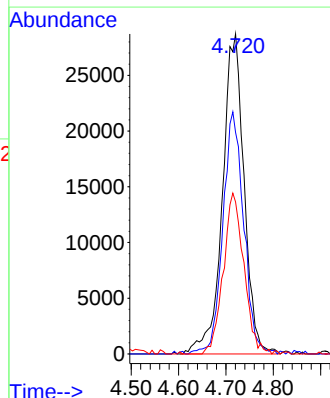
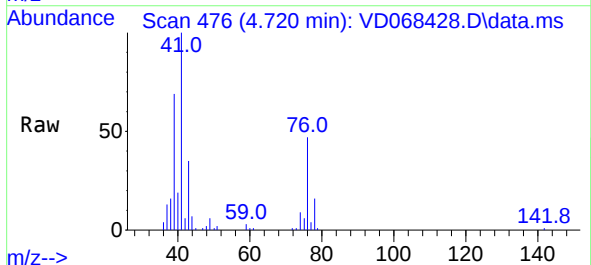
Manual Integrations
APPROVED

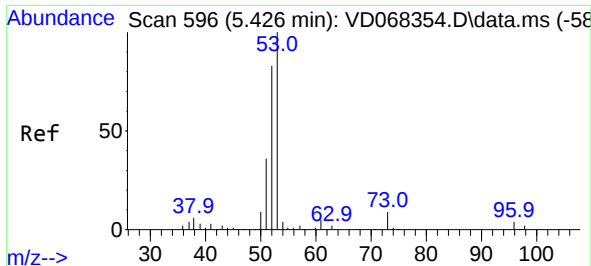
MMDadoda
2/25/2021 12:16:42 PM



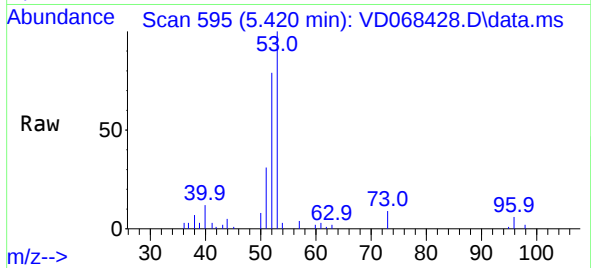
#14
Allyl chloride
Concen: 20.78 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 41 Resp: 90995
Ion Ratio Lower Upper
41 100
39 73.0 56.3 84.5
76 47.8 38.9 58.3

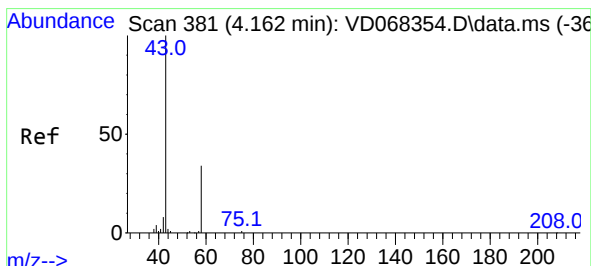
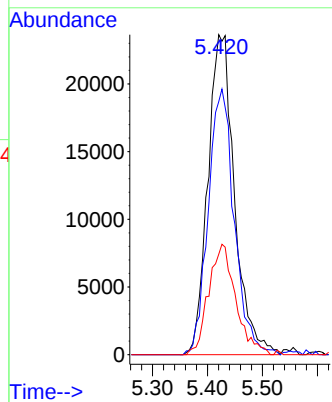
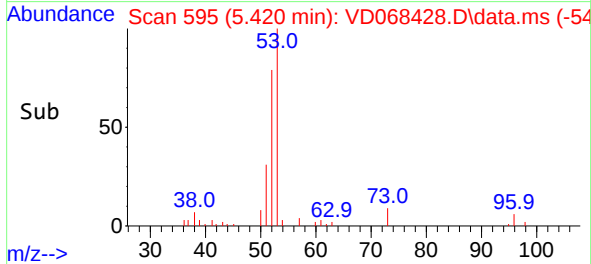




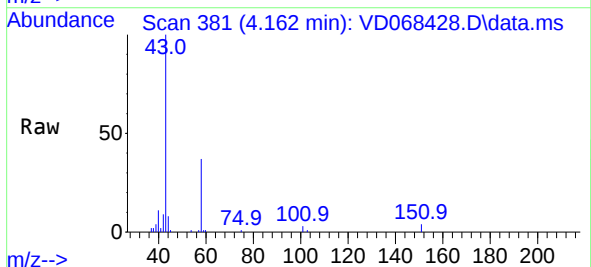
#15
Acrylonitrile
Concen: 110.36 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



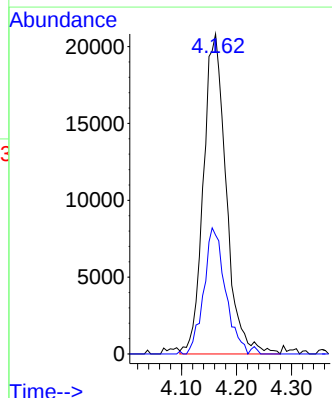
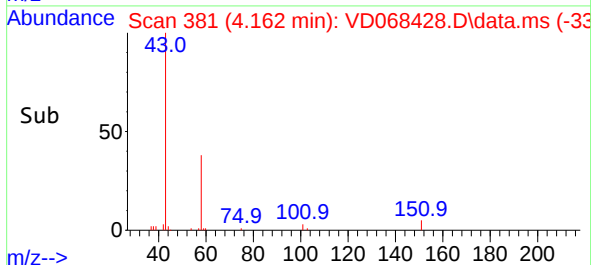
Tgt Ion: 53 Resp: 79614
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.2
51 35.2 29.0 43.4



#16
Acetone
Concen: 107.32 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



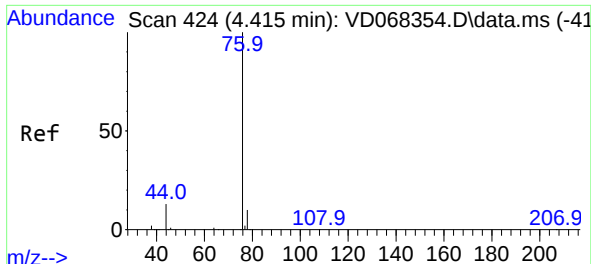
Tgt Ion: 43 Resp: 59930
Ion Ratio Lower Upper
43 100
58 37.1 24.2 36.4#



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

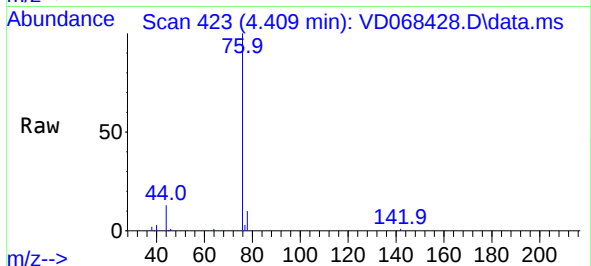
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



#17
Carbon Disulfide
Concen: 20.53 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

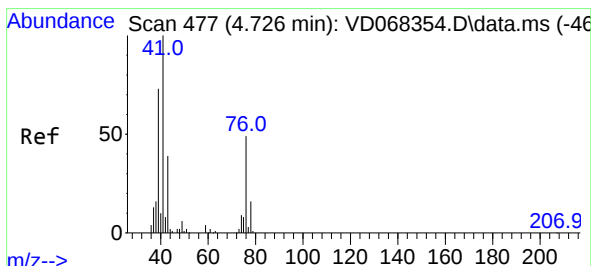
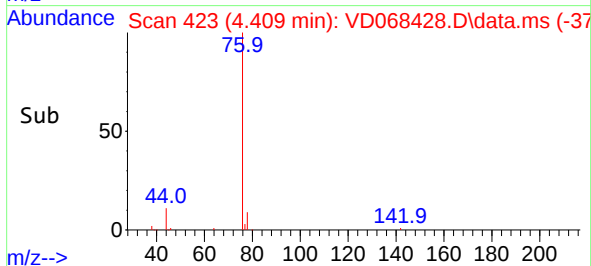
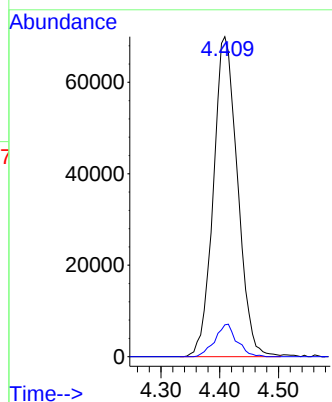
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion: 76 Resp: 200205
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

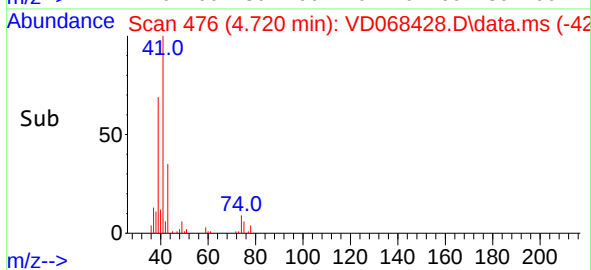
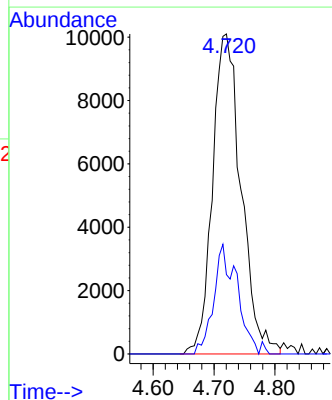
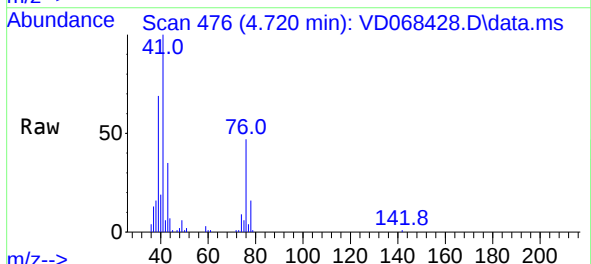
Manual Integrations
APPROVED

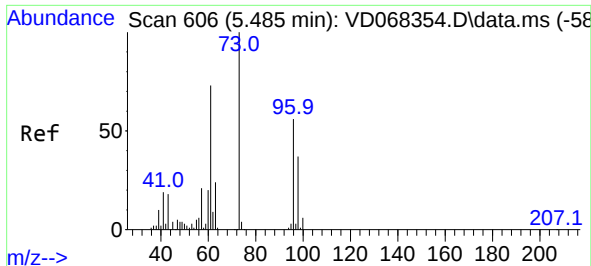
MMDadoda
2/25/2021 12:16:42 PM



#18
Methyl Acetate
Concen: 21.51 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

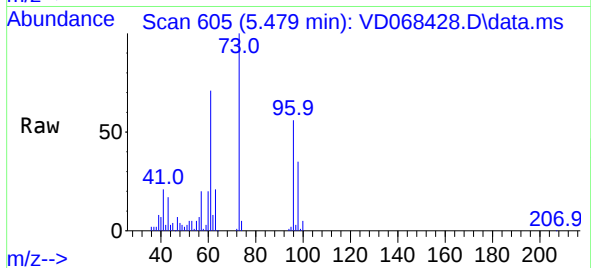
Tgt Ion: 43 Resp: 32974
Ion Ratio Lower Upper
43 100
74 28.0 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 21.53 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

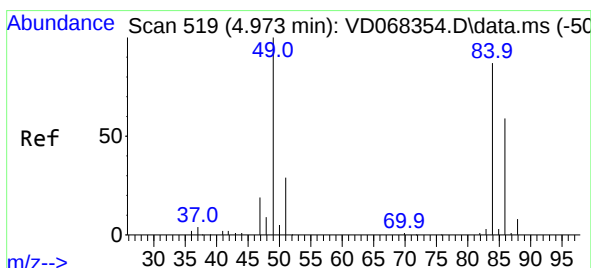
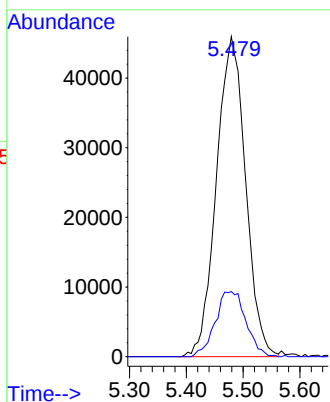
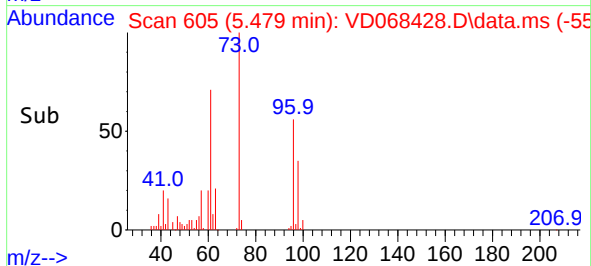
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



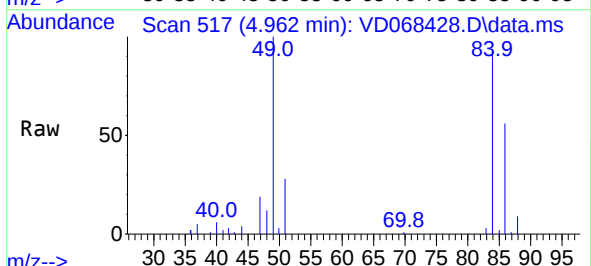
Tgt Ion: 73 Resp: 163609
Ion Ratio Lower Upper
73 100
57 20.4 14.4 21.6

Manual Integrations
APPROVED

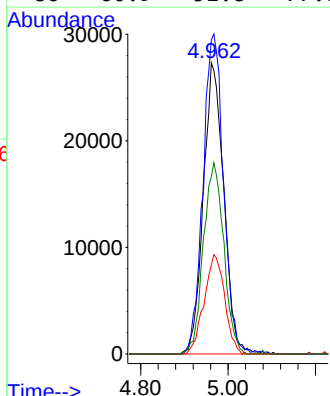
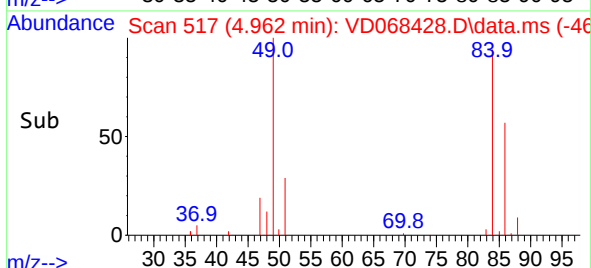
MMDadoda
2/25/2021 12:16:42 PM

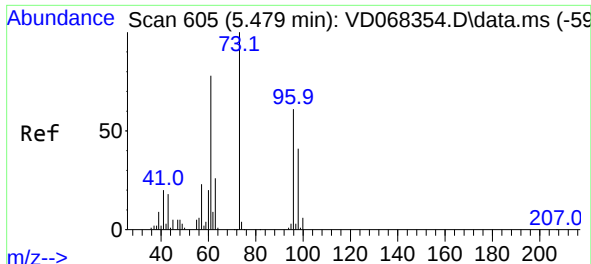


#20
Methylene Chloride
Concen: 21.15 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



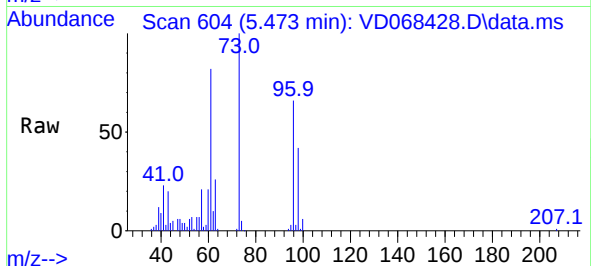
Tgt Ion: 84 Resp: 88863
Ion Ratio Lower Upper
84 100
49 107.8 77.4 116.2
51 30.6 26.1 39.1
86 60.9 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 21.62 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

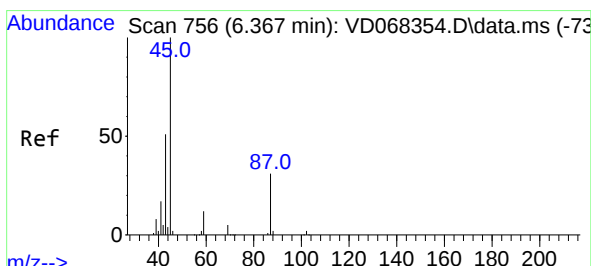
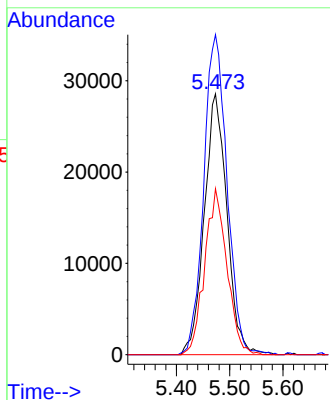
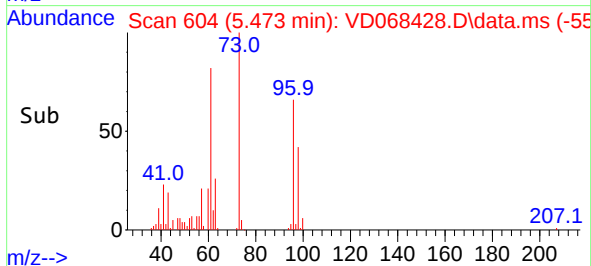
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



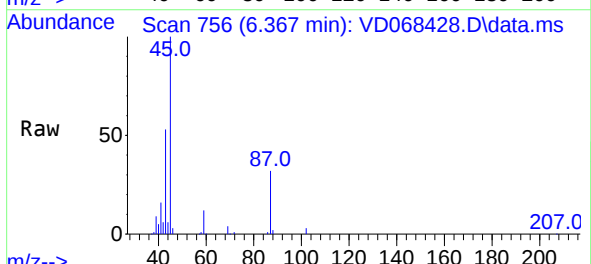
Tgt Ion: 96 Resp: 84272
Ion Ratio Lower Upper
96 100
61 122.7 96.7 145.1
98 63.6 47.6 71.4

Manual Integrations
APPROVED

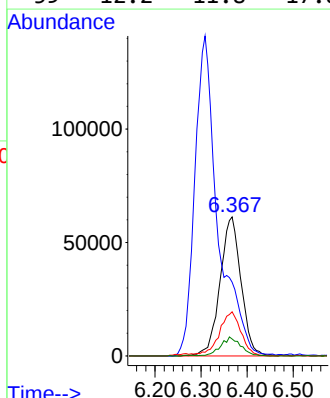
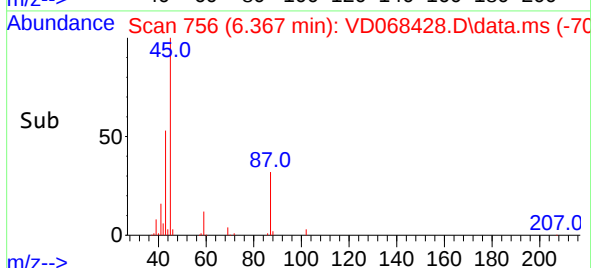
MMDadoda
2/25/2021 12:16:42 PM

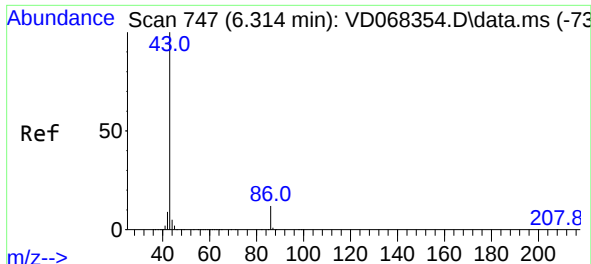


#22
Diisopropyl ether
Concen: 20.00 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



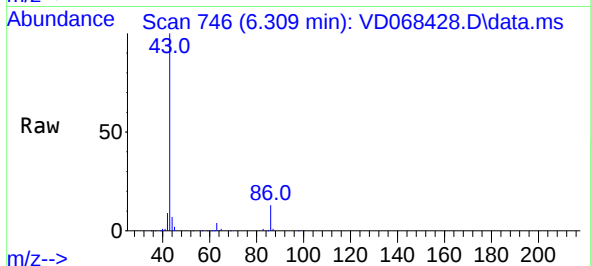
Tgt Ion: 45 Resp: 193735
Ion Ratio Lower Upper
45 100
43 51.9 43.9 65.9
87 31.8 29.9 44.9
59 12.2 11.8 17.8





#23
 Vinyl Acetate
 Concen: 98.76 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068428.D
 Acq: 24 Feb 2021 10:51

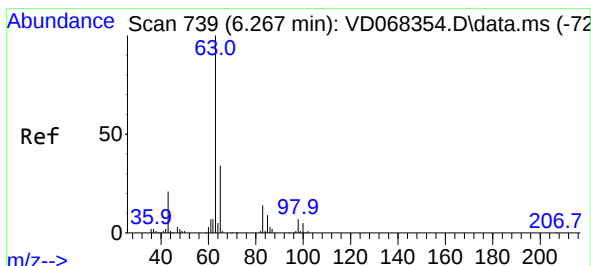
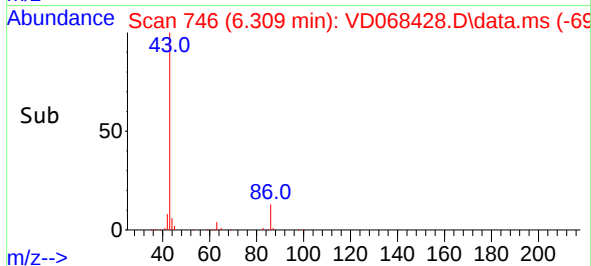
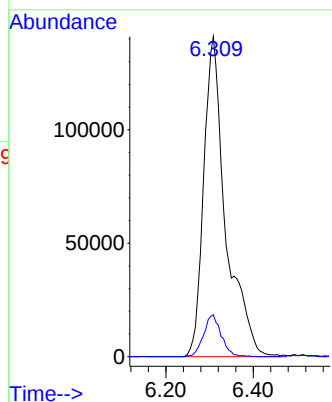
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0224SBS01



Tgt Ion: 43 Resp: 494056
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.8 16.2

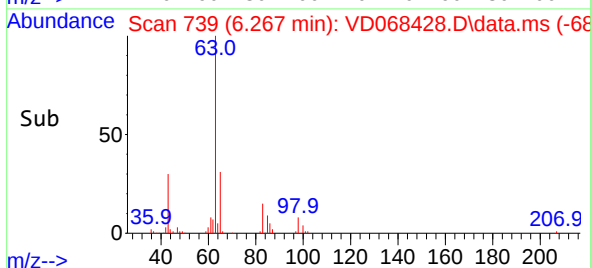
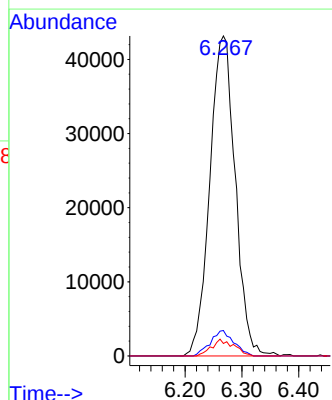
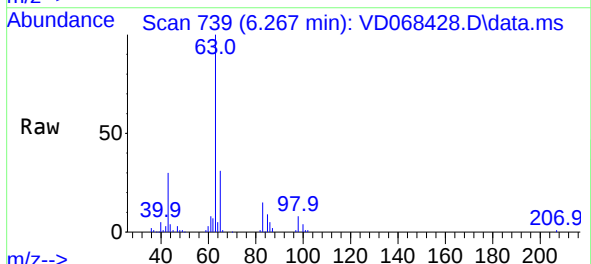
Manual Integrations
 APPROVED

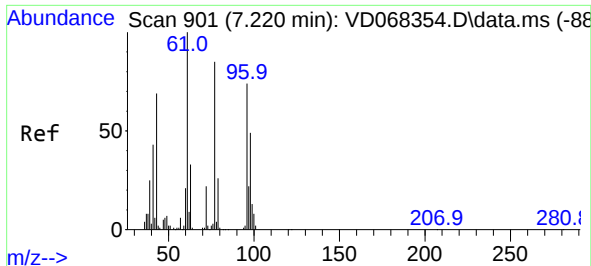
MMDadoda
 2/25/2021 12:16:42 PM



#24
 1,1-Dichloroethane
 Concen: 20.22 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068428.D
 Acq: 24 Feb 2021 10:51

Tgt Ion: 63 Resp: 134017
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 3.9 2.6 8.0





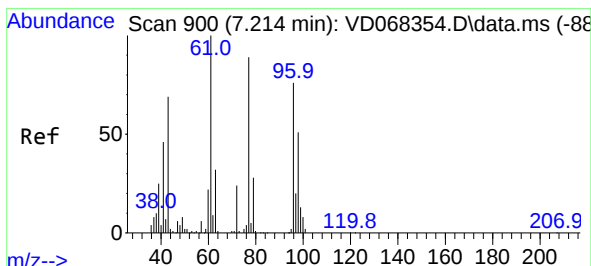
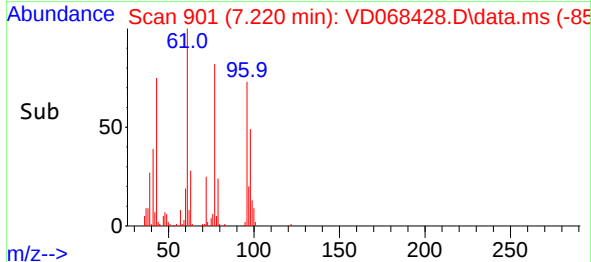
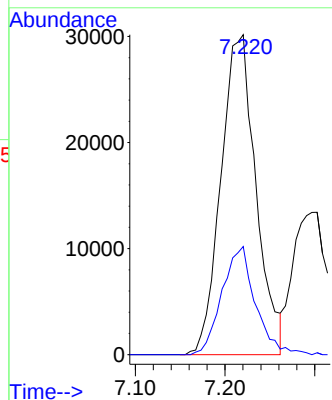
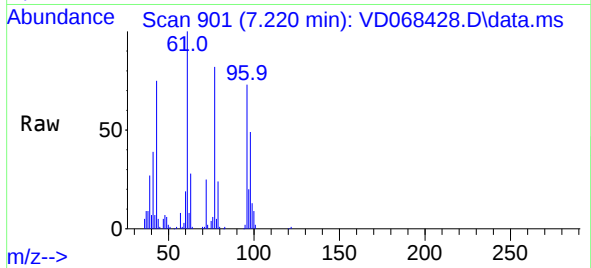
#25
2-Butanone
Concen: 104.74 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 43 Resp: 81783
Ion Ratio Lower Upper
43 100
72 33.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

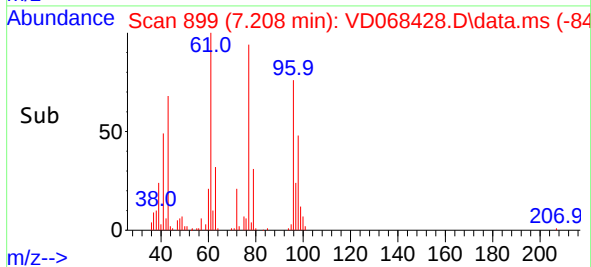
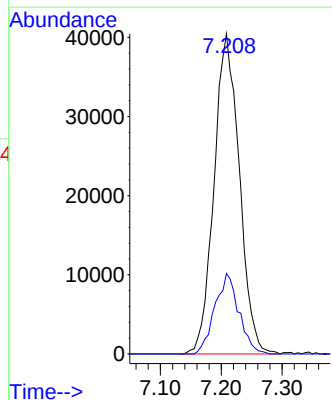
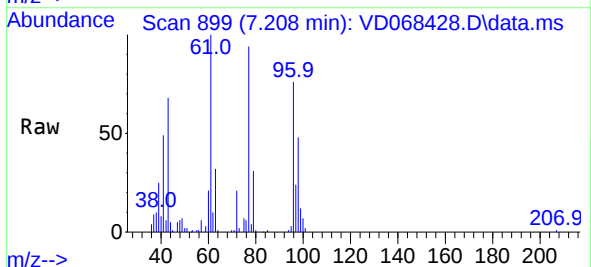
Manual Integrations
APPROVED

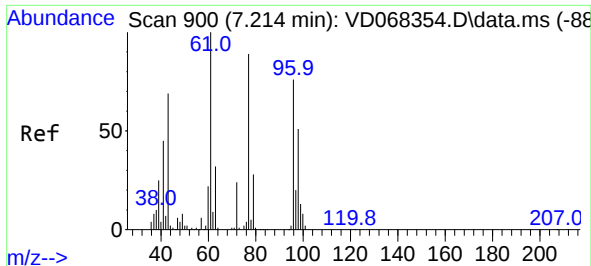
MMDadoda
2/25/2021 12:16:42 PM



#26
2,2-Dichloropropane
Concen: 20.58 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

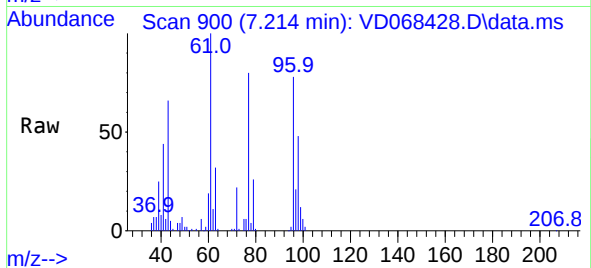
Tgt Ion: 77 Resp: 116688
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.41 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

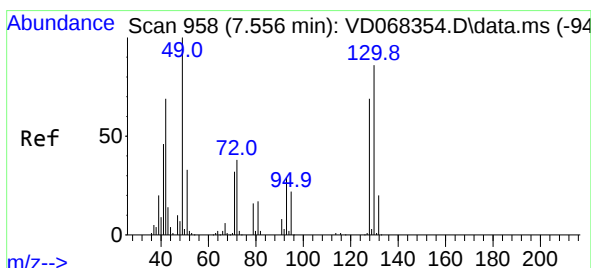
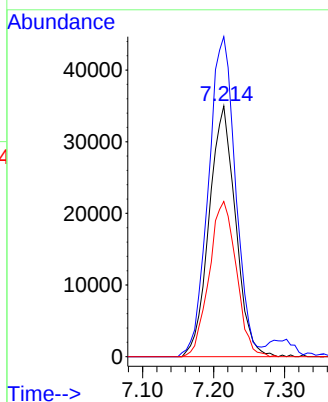
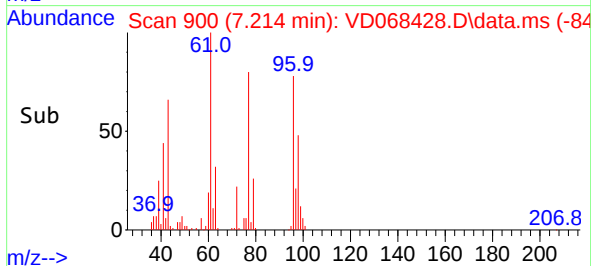
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



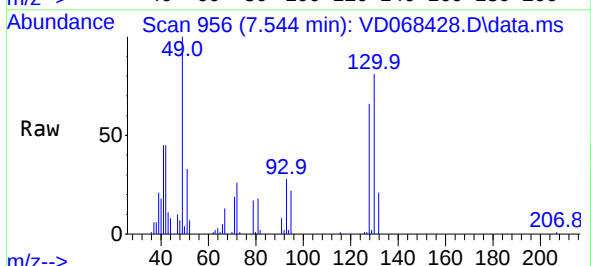
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	257.4
98	63.6	0.0	126.6

Manual Integrations
APPROVED

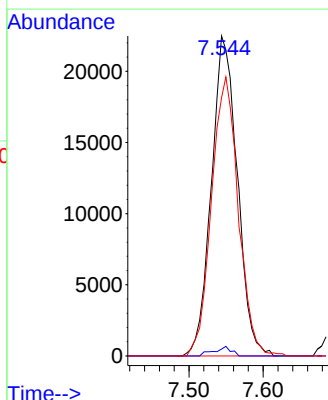
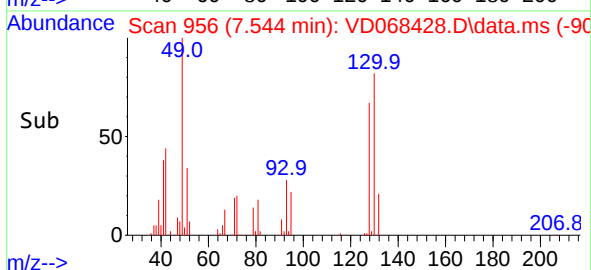
MMDadoda
2/25/2021 12:16:42 PM

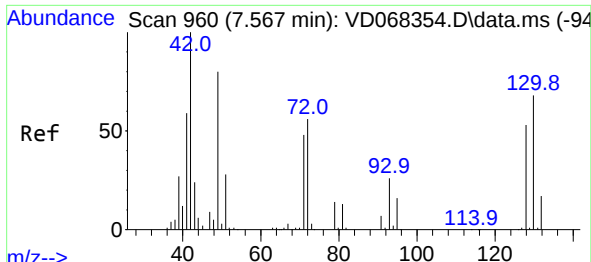


#28
Bromochloromethane
Concen: 19.89 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.012 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	90.0	85.5	128.3





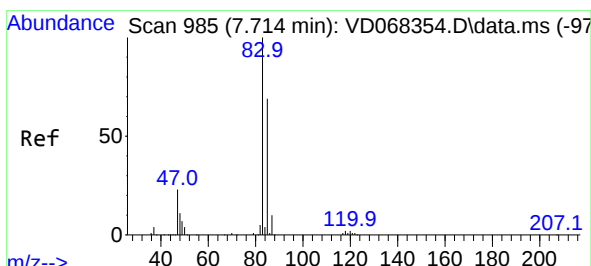
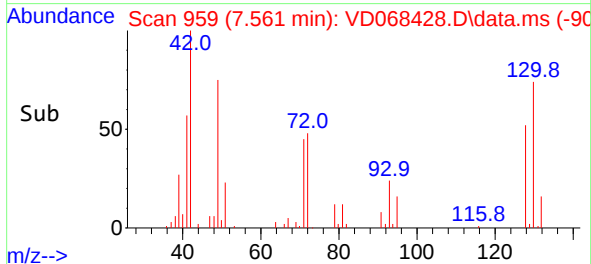
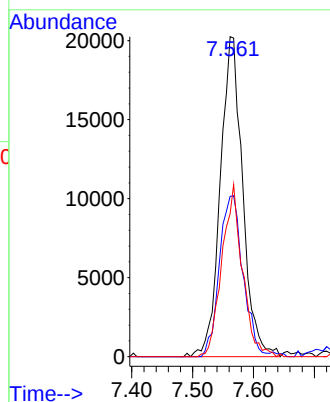
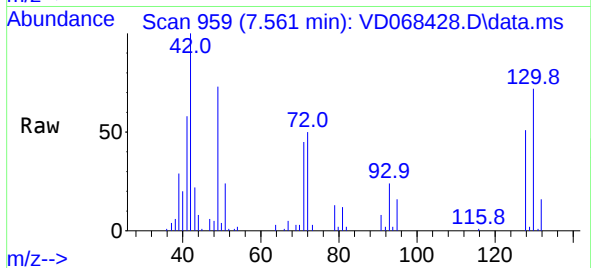
#29
Tetrahydrofuran
Concen: 102.34 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 42 Resp: 51690
Ion Ratio Lower Upper
42 100
72 53.0 43.4 65.0
71 49.5 40.8 61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

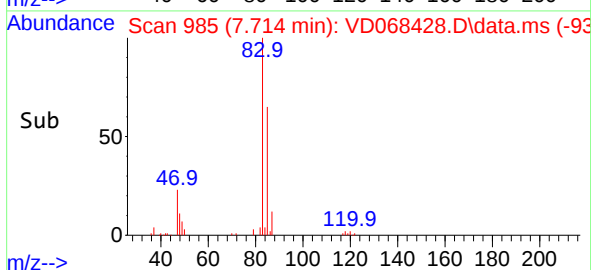
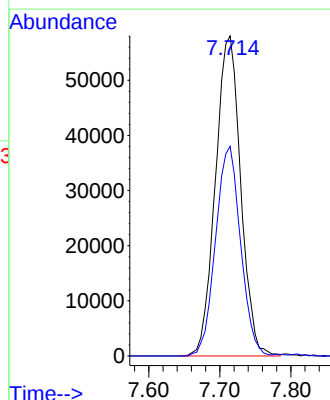
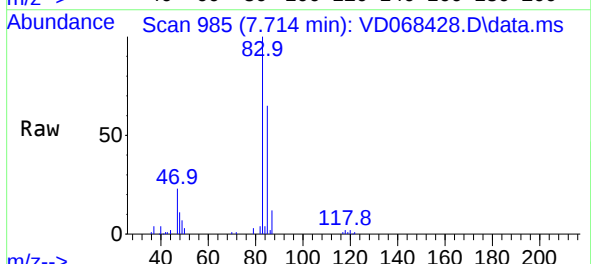
Manual Integrations
APPROVED

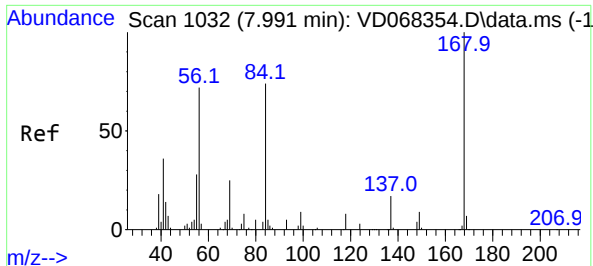
MMDadoda
2/25/2021 12:16:42 PM



#30
Chloroform
Concen: 20.80 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

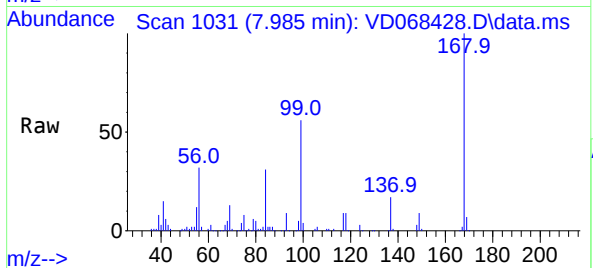
Tgt Ion: 83 Resp: 143420
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.0





#31
Cyclohexane
Concen: 20.36 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

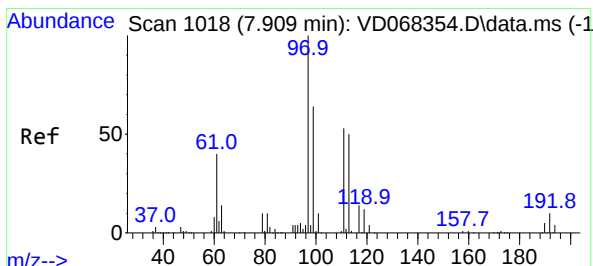
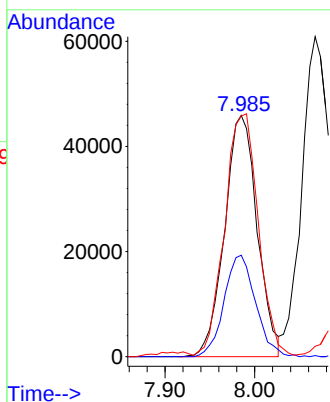
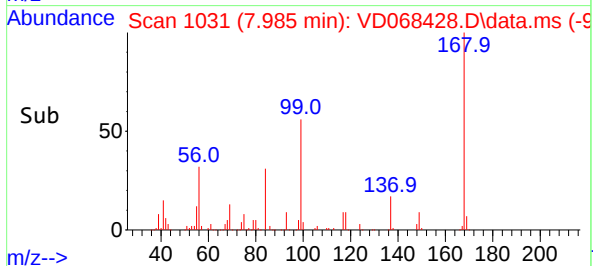
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



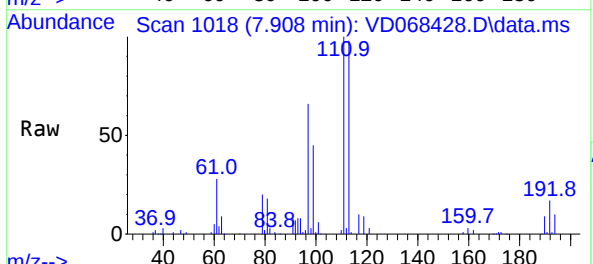
Tgt Ion: 56 Resp: 115612
Ion Ratio Lower Upper
56 100
69 42.0 30.1 45.1
84 98.3 82.1 123.1

Manual Integrations
APPROVED

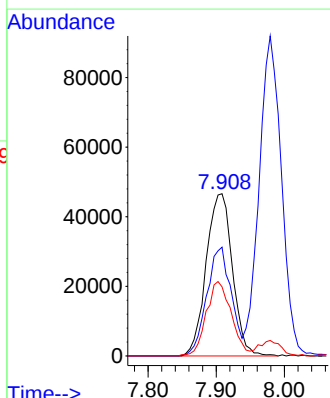
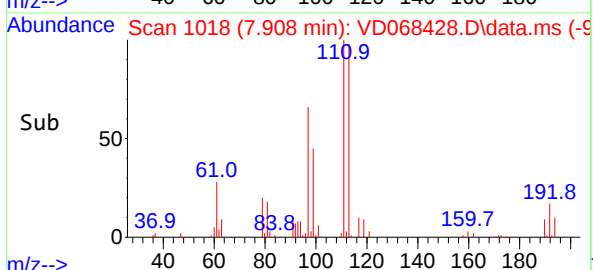
MMDadoda
2/25/2021 12:16:42 PM

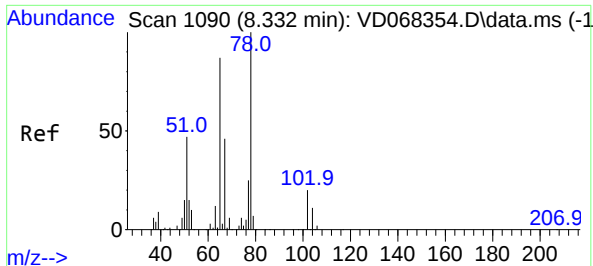


#32
1,1,1-Trichloroethane
Concen: 20.96 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



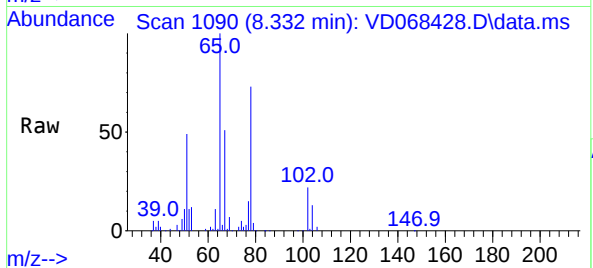
Tgt Ion: 97 Resp: 124867
Ion Ratio Lower Upper
97 100
99 62.6 52.1 78.1
61 43.7 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 49.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

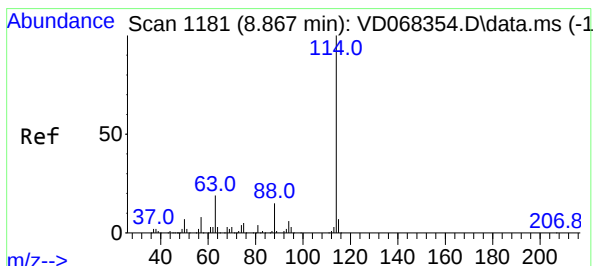
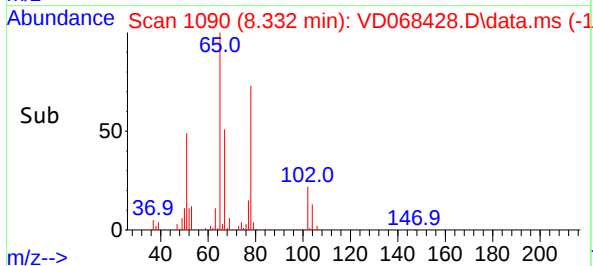
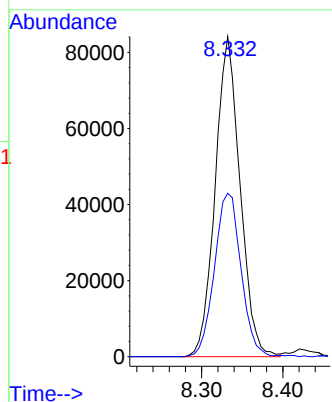
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



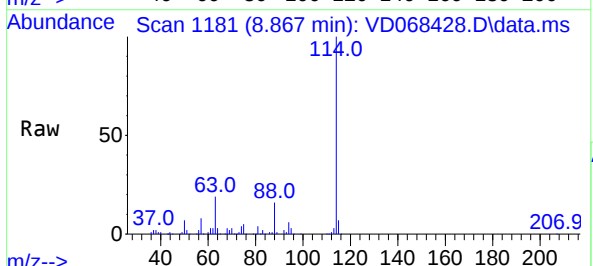
Tgt Ion: 65 Resp: 179050
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0

Manual Integrations
APPROVED

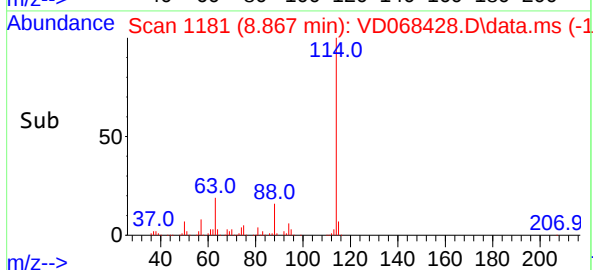
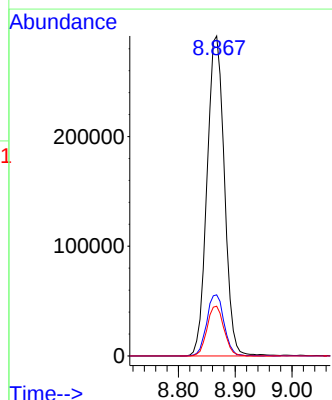
MMDadoda
2/25/2021 12:16:42 PM

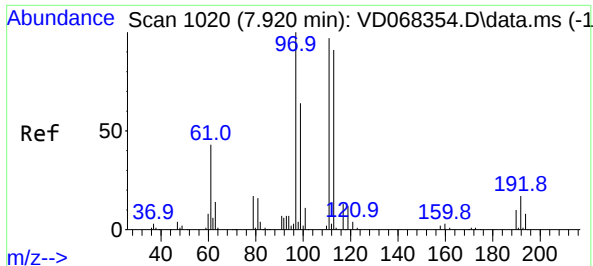


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

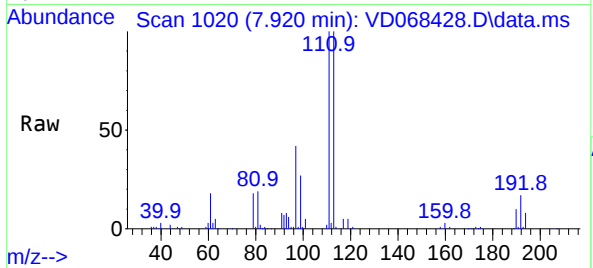


Tgt Ion: 114 Resp: 615779
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 15.6 0.0 31.6

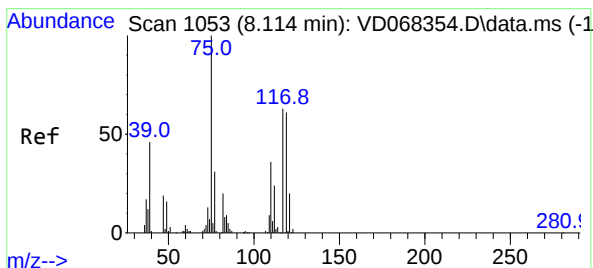
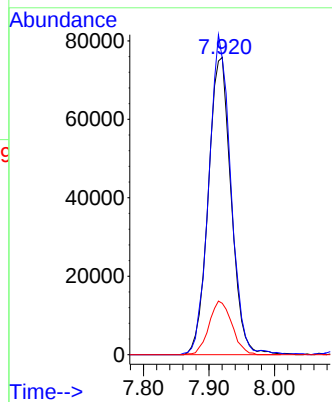
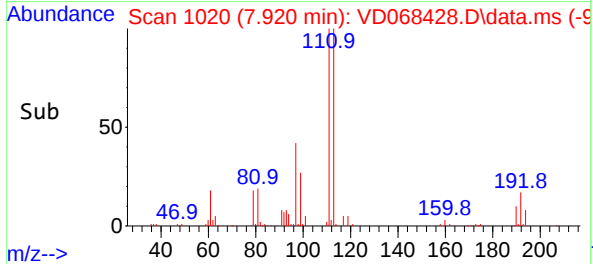




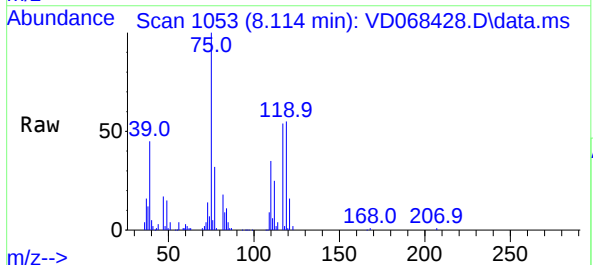
#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



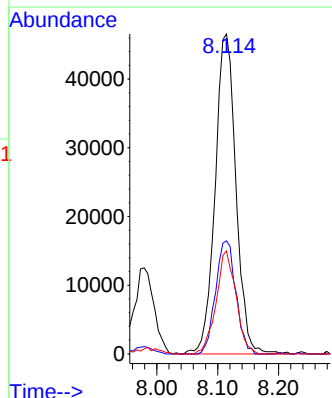
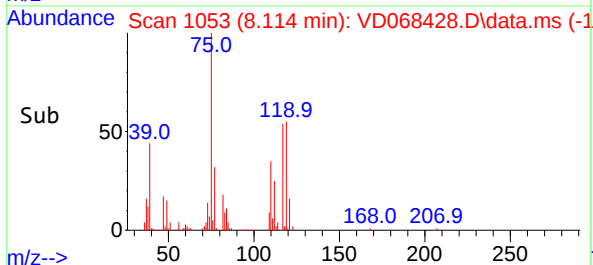
Tgt Ion:113 Resp: 183190
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 20.27 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



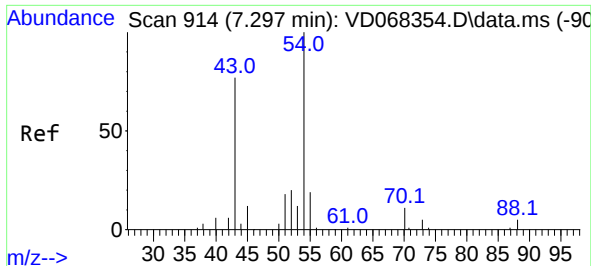
Tgt Ion: 75 Resp: 110420
Ion Ratio Lower Upper
75 100
110 34.4 19.4 58.2
77 30.8 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

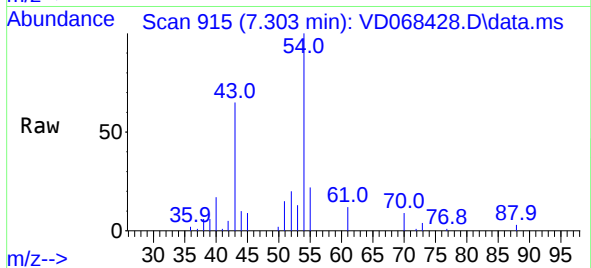
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



#37
Ethyl Acetate
Concen: 20.21 ug/l
RT: 7.303 min Scan# 915
Delta R.T. 0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

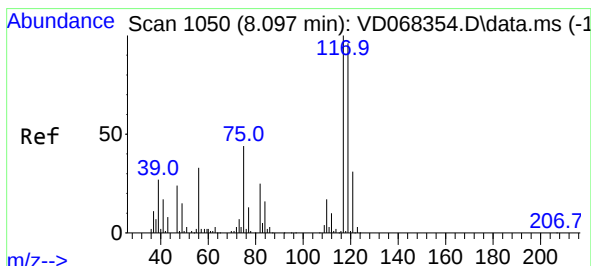
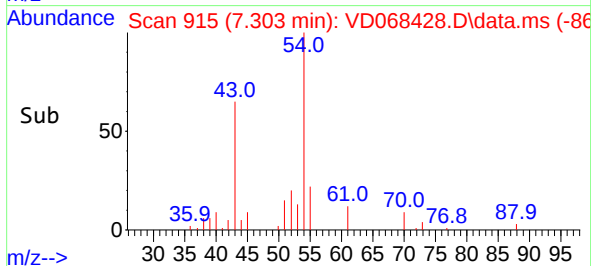
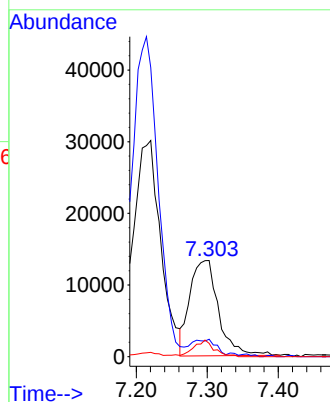
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion: 43 Resp: 37208
Ion Ratio Lower Upper
43 100
61 13.8 12.9 19.3
70 12.8 11.0 16.6

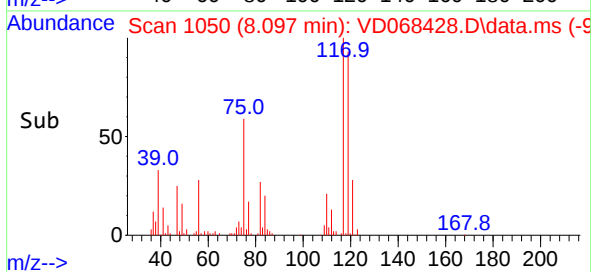
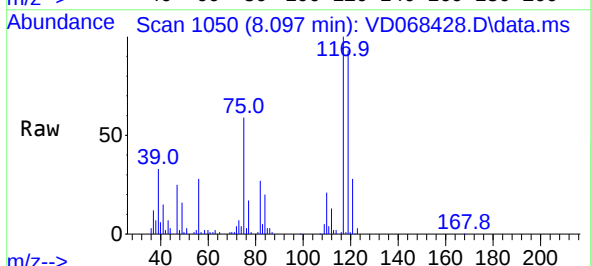
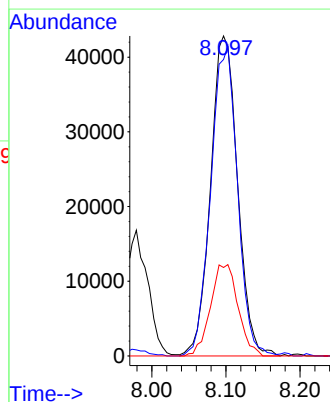
Manual Integrations
APPROVED

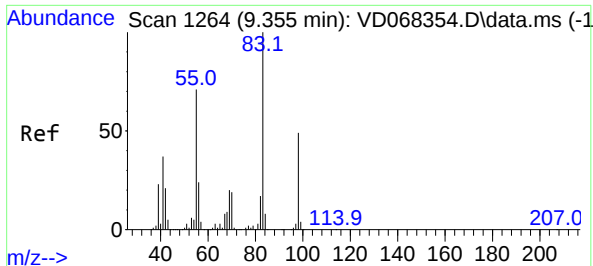
MMDadoda
2/25/2021 12:16:42 PM



#38
Carbon Tetrachloride
Concen: 20.86 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 117 Resp: 108399
Ion Ratio Lower Upper
117 100
119 92.7 77.3 115.9
121 27.6 24.7 37.1





#39

Methylcyclohexane

Concen: 20.16 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068428.D

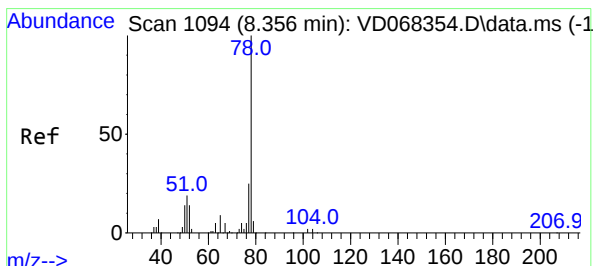
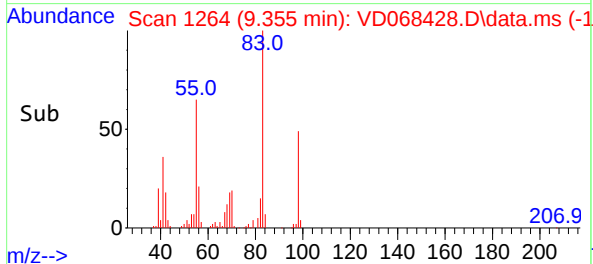
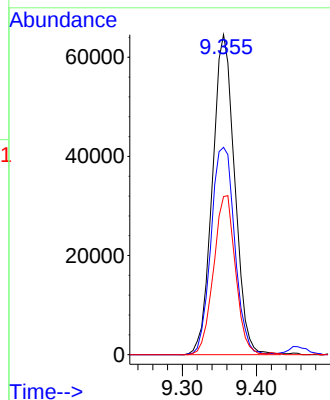
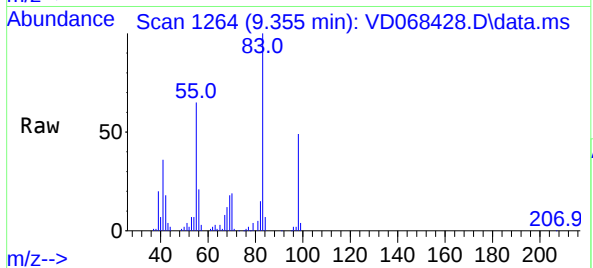
Acq: 24 Feb 2021 10:51

Tgt Ion:	83	Resp:	134733
Ion	Ratio	Lower	Upper
83	100		
55	64.8	55.2	82.8
98	49.4	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



#40

Benzene

Concen: 20.22 ug/l

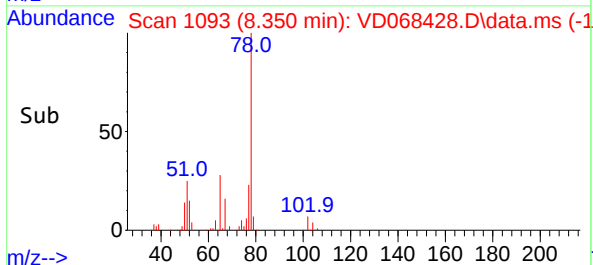
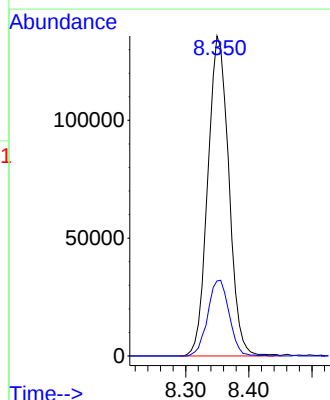
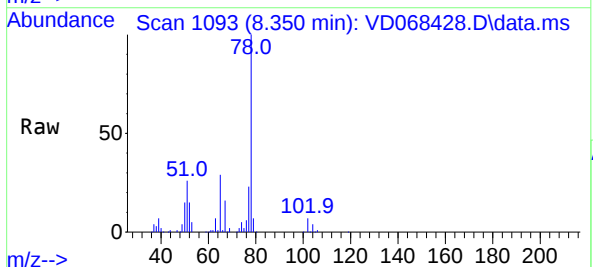
RT: 8.350 min Scan# 1093

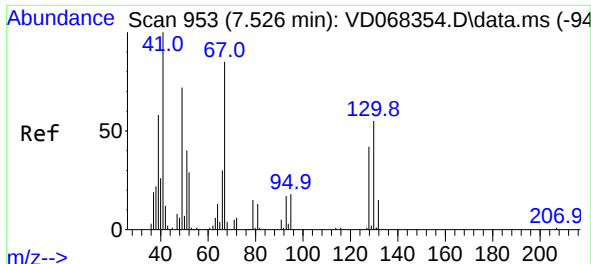
Delta R.T. -0.006 min

Lab File: VD068428.D

Acq: 24 Feb 2021 10:51

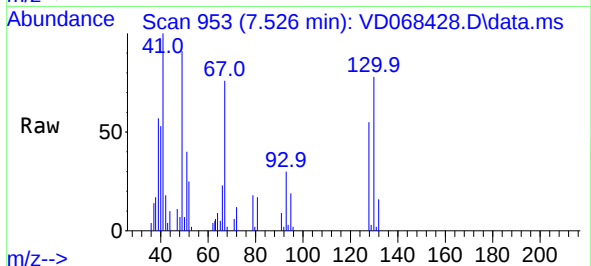
Tgt Ion:	78	Resp:	314139
Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.8	26.6





#41
Methacrylonitrile
Concen: 21.15 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

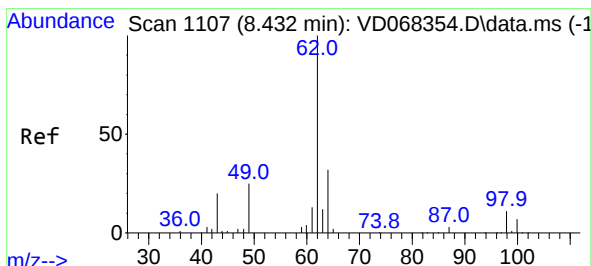
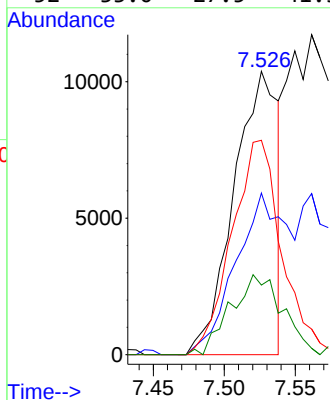
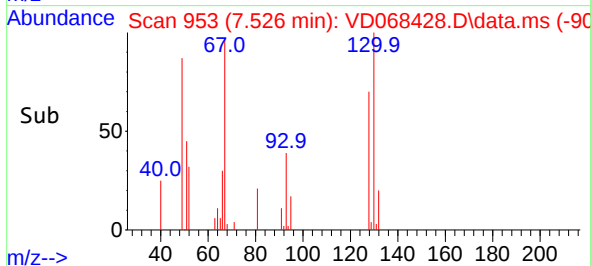
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



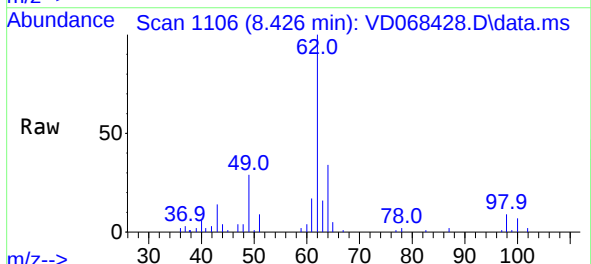
Tgt Ion: 41 Resp: 22412
Ion Ratio Lower Upper
41 100
39 68.2 45.2 67.8#
67 85.9 67.4 101.2
52 33.0 27.5 41.3

Manual Integrations
APPROVED

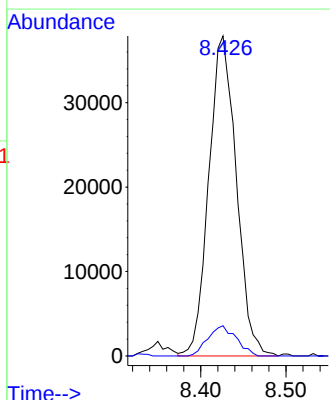
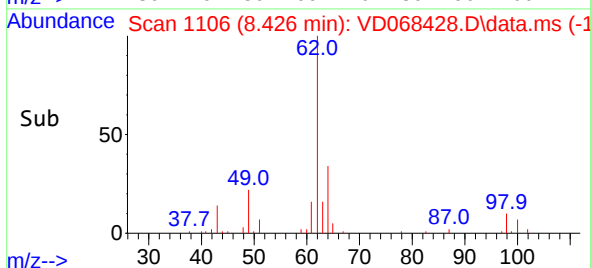
MMDadoda
2/25/2021 12:16:42 PM

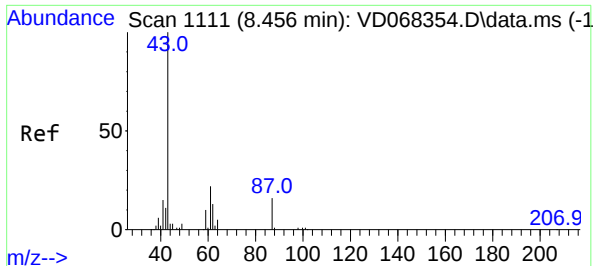


#42
1,2-Dichloroethane
Concen: 20.52 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



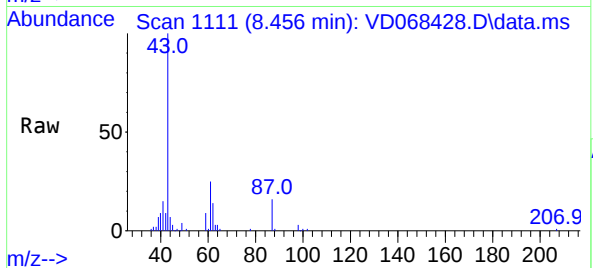
Tgt Ion: 62 Resp: 85058
Ion Ratio Lower Upper
62 100
98 9.8 0.0 21.8



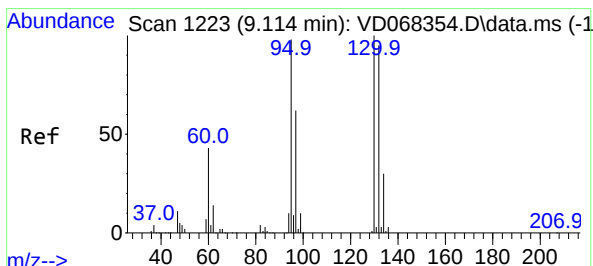
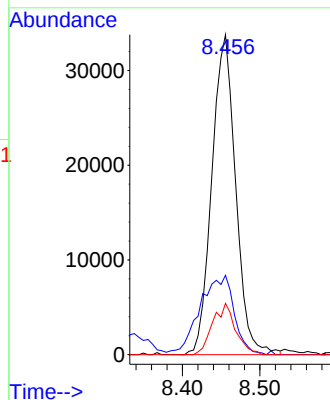
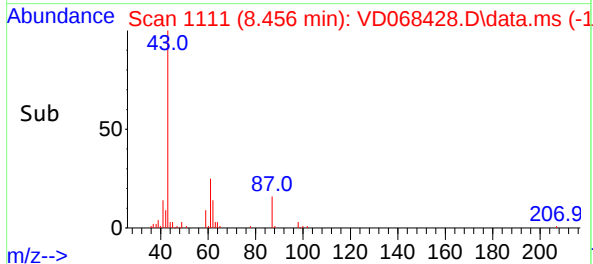


#43

Isopropyl Acetate
Concen: 20.47 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

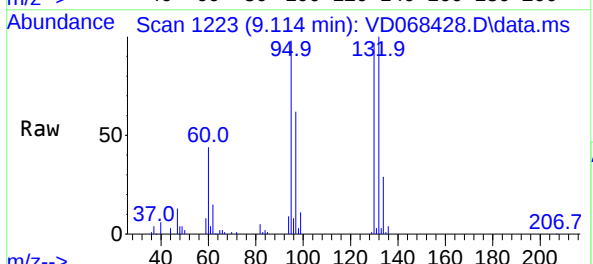


Tgt Ion:	43	Resp:	72173
Ion	Ratio	Lower	Upper
43	100		
61	35.6	28.7	43.1
87	15.5	13.9	20.9

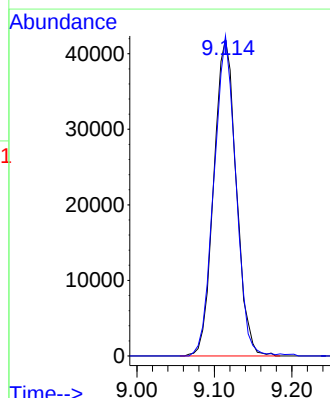
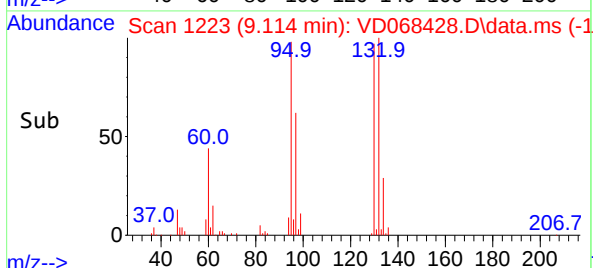


#44

Trichloroethene
Concen: 19.93 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



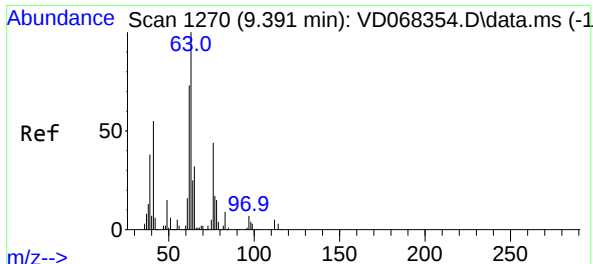
Tgt Ion:	130	Resp:	84292
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	191.2



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



#45

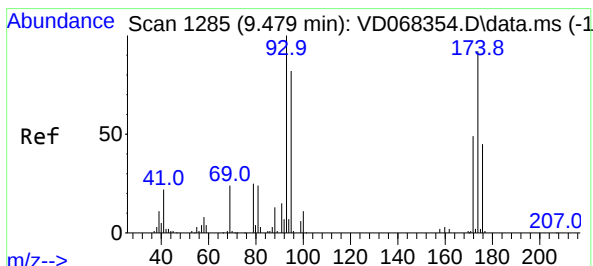
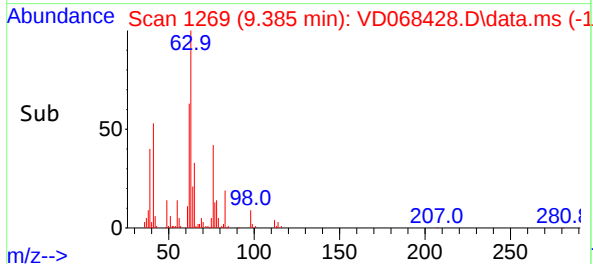
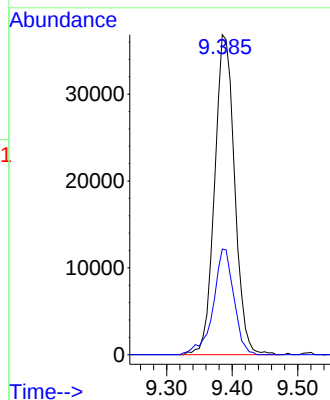
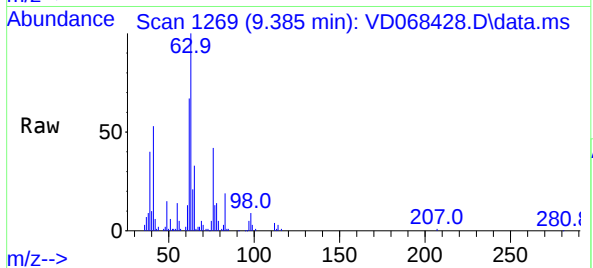
1,2-Dichloropropane
Concen: 20.56 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 63 Resp: 77954
Ion Ratio Lower Upper
63 100
65 33.0 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

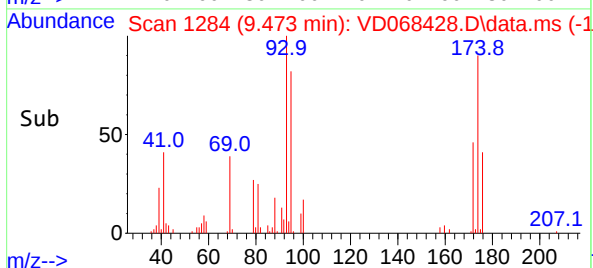
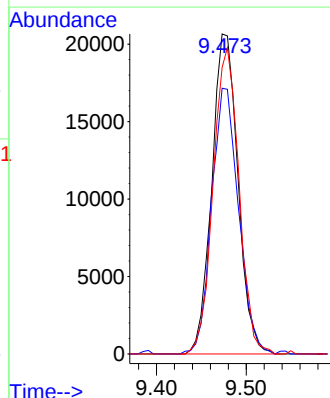
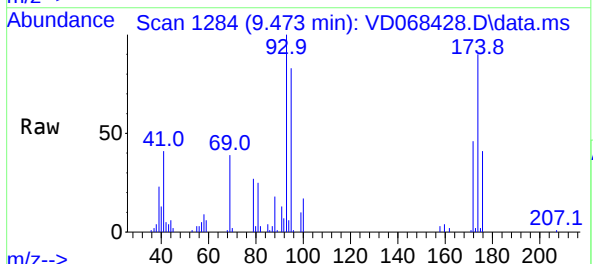
MMDadoda
2/25/2021 12:16:42 PM



#46

Dibromomethane
Concen: 20.27 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

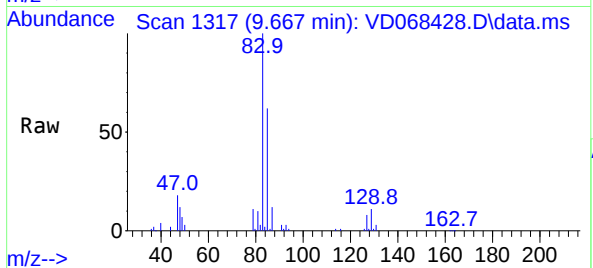
Tgt Ion: 93 Resp: 41702
Ion Ratio Lower Upper
93 100
95 86.2 67.3 100.9
174 94.7 84.6 127.0





#47
Bromodichloromethane
Concen: 20.46 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

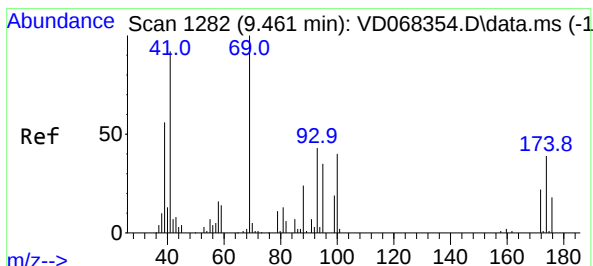
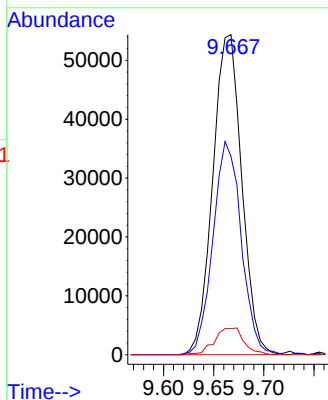
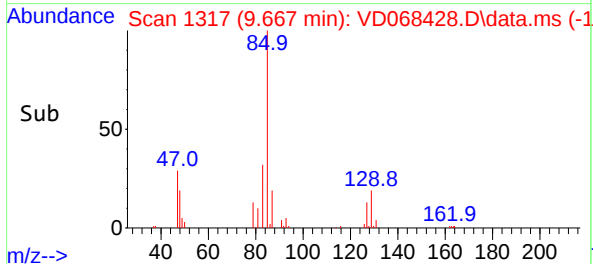
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



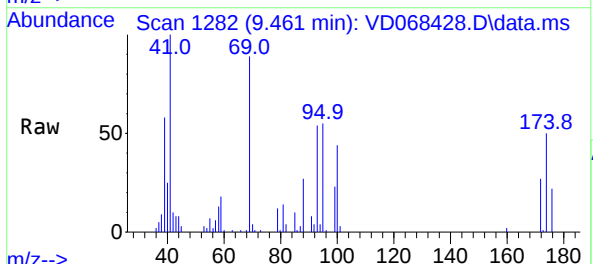
Tgt Ion: 83 Resp: 109088
Ion Ratio Lower Upper
83 100
85 61.9 51.6 77.4
127 8.1 7.4 11.0

Manual Integrations
APPROVED

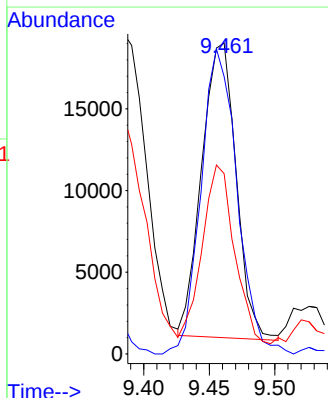
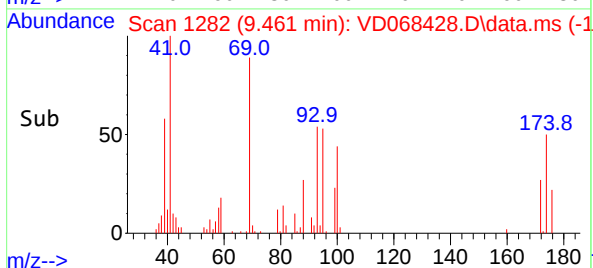
MMDadoda
2/25/2021 12:16:42 PM

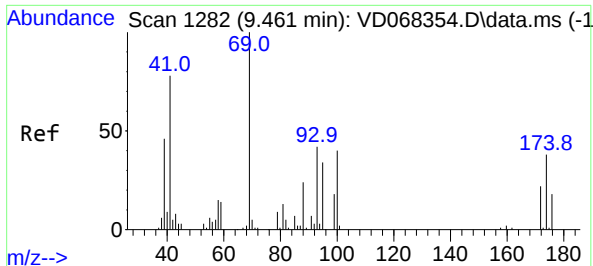


#48
Methyl methacrylate
Concen: 18.67 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion: 41 Resp: 32845
Ion Ratio Lower Upper
41 100
69 109.1 77.1 115.7
39 65.3 41.5 62.3





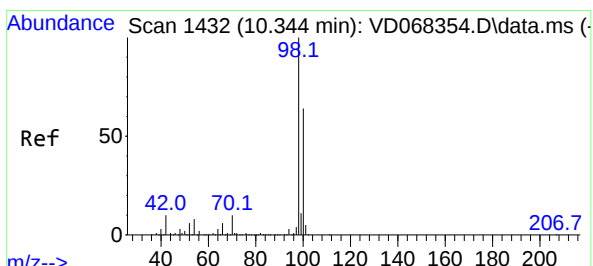
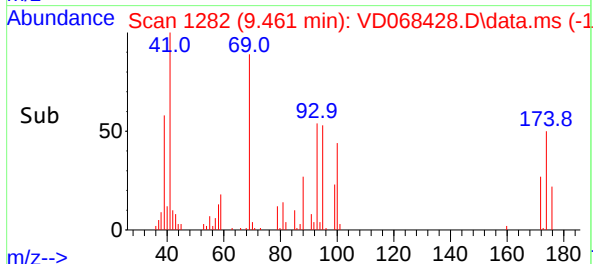
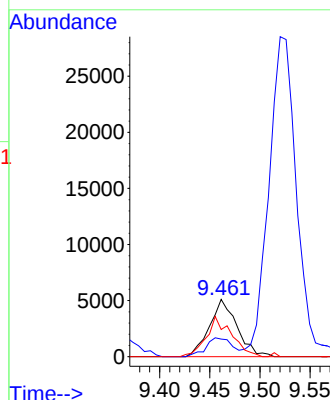
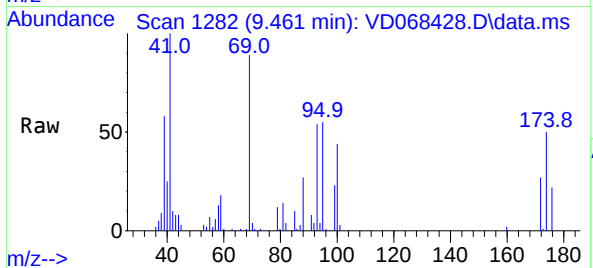
#49
1,4-Dioxane
Concen: 407.06 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 88 Resp: 9782
Ion Ratio Lower Upper
88 100
43 31.0 22.1 33.1
58 64.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

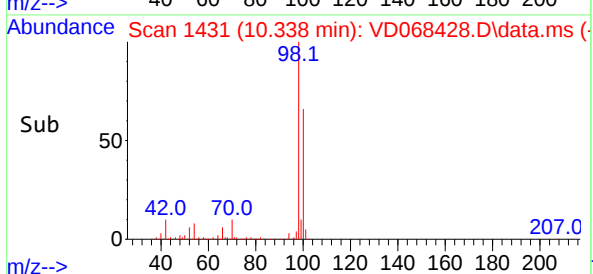
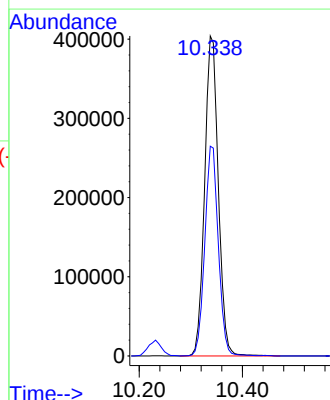
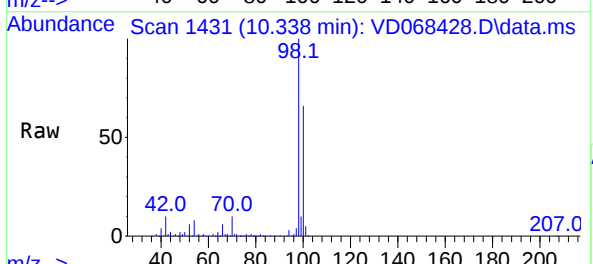
Manual Integrations
APPROVED

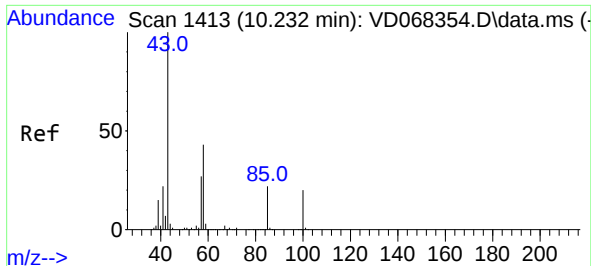
MMDadoda
2/25/2021 12:16:42 PM



#50
Toluene-d8
Concen: 48.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 98 Resp: 740768
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4





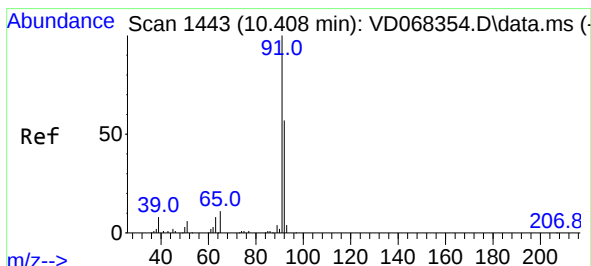
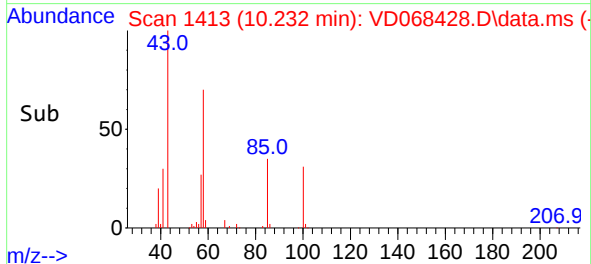
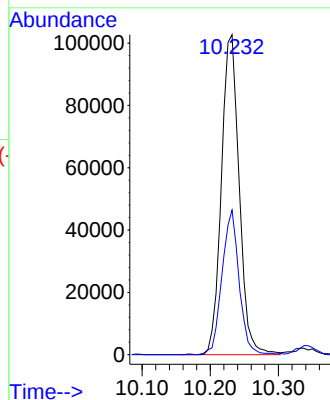
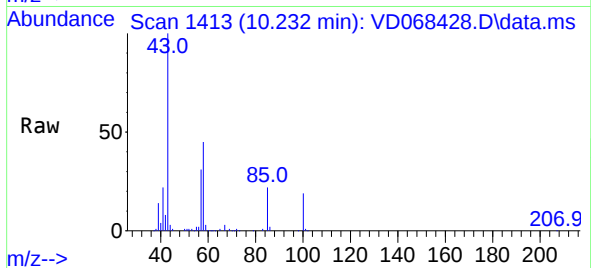
#51
4-Methyl-2-Pentanone
Concen: 103.42 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 43 Resp: 187230
Ion Ratio Lower Upper
43 100
58 43.3 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

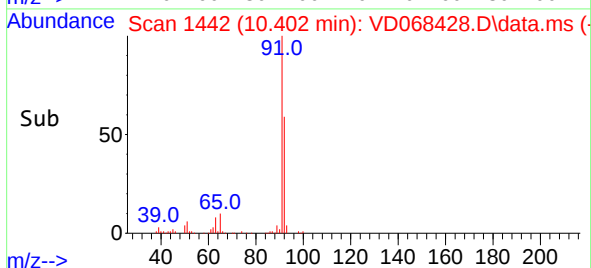
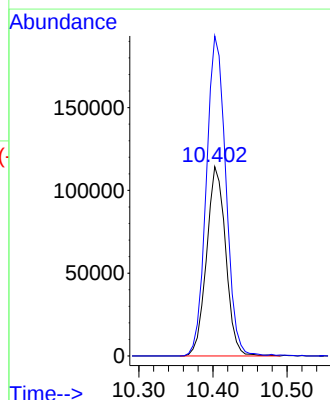
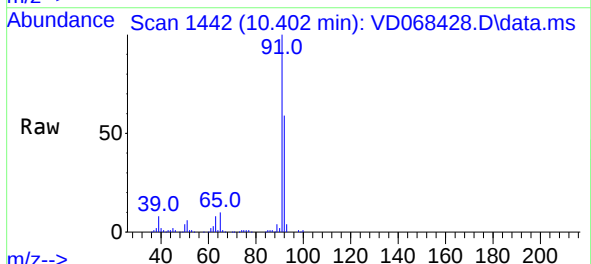
Manual Integrations
APPROVED

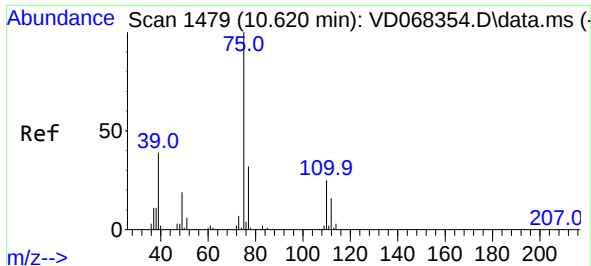
MMDadoda
2/25/2021 12:16:42 PM



#52
Toluene
Concen: 20.53 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

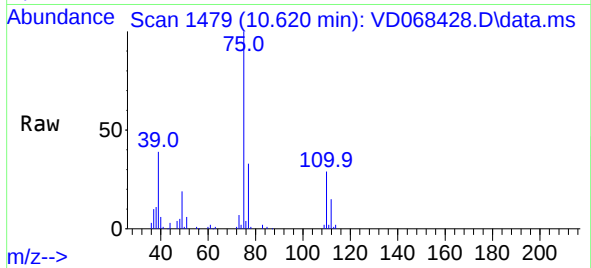
Tgt Ion: 92 Resp: 205123
Ion Ratio Lower Upper
92 100
91 172.5 134.1 201.1





#53
t-1,3-Dichloropropene
Concen: 20.35 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

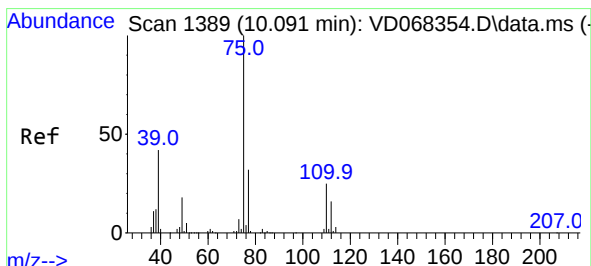
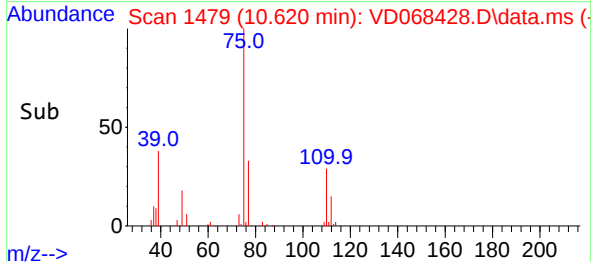
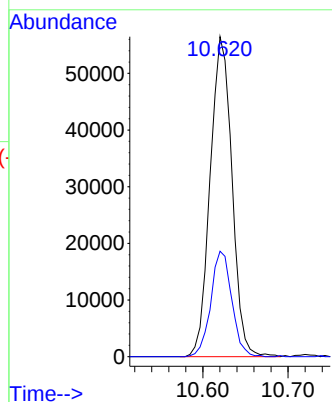
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion: 75 Resp: 100409
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4

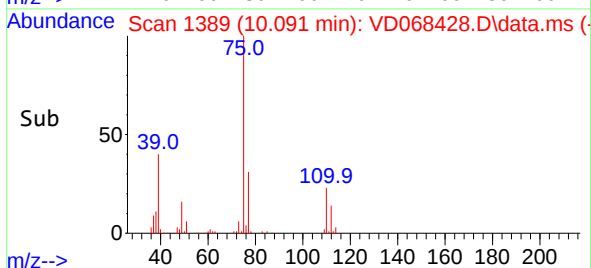
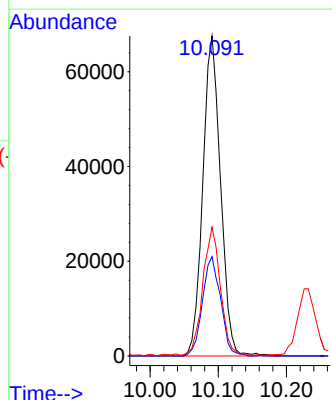
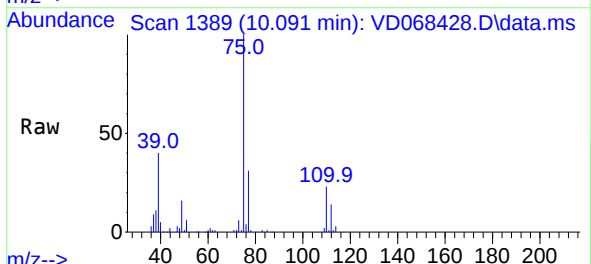
Manual Integrations
APPROVED

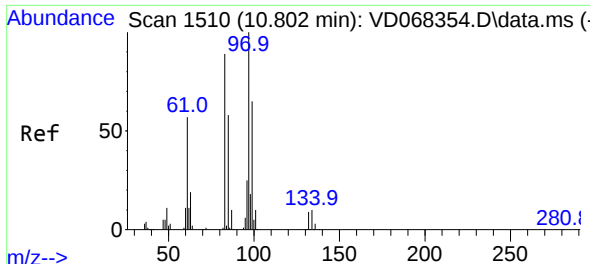
MMDadoda
2/25/2021 12:16:42 PM



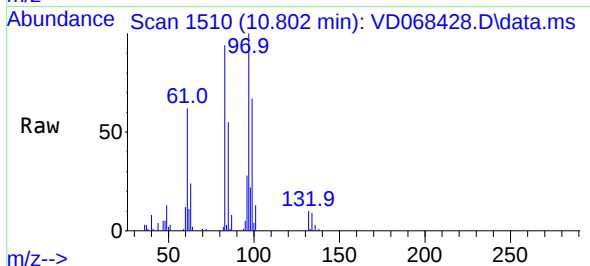
#54
cis-1,3-Dichloropropene
Concen: 20.28 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 75 Resp: 122269
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 40.0 31.4 47.0

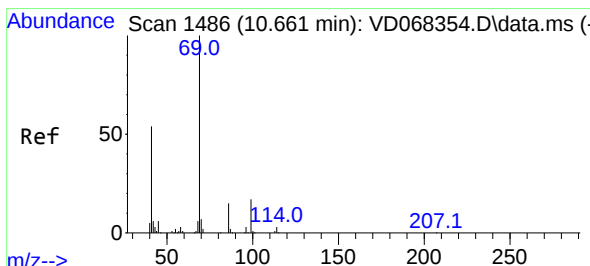
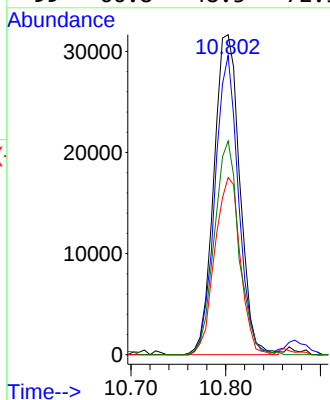
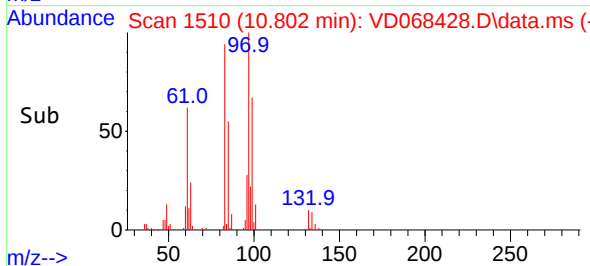




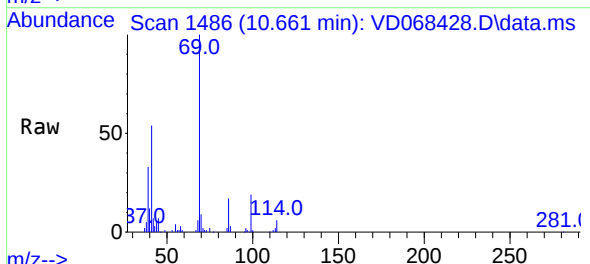
#55
1,1,2-Trichloroethane
Concen: 21.18 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



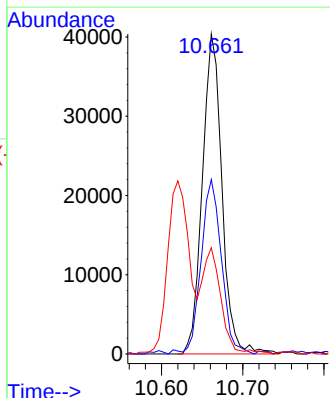
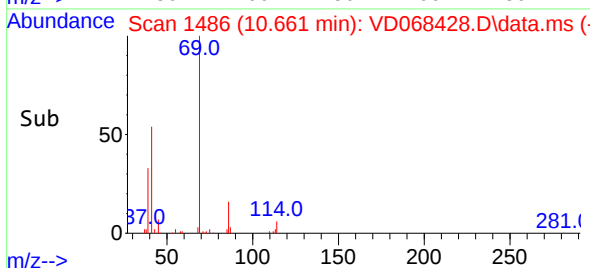
Tgt Ion: 97 Resp: 60178
Ion Ratio Lower Upper
97 100
83 93.5 61.8 92.6#
85 55.3 42.2 63.2
99 66.8 48.3 72.5



#56
Ethyl methacrylate
Concen: 20.11 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



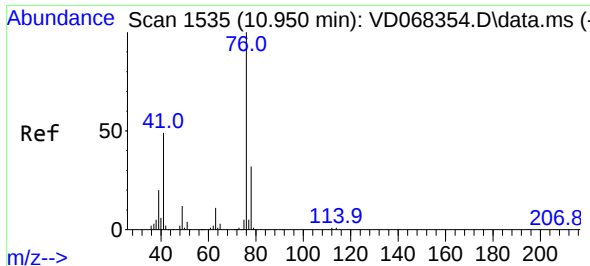
Tgt Ion: 69 Resp: 67797
Ion Ratio Lower Upper
69 100
41 56.7 44.9 67.3
39 29.4 21.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

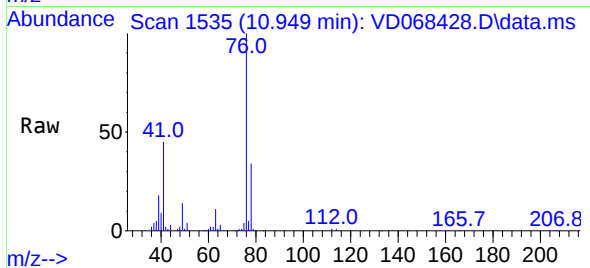
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM



#57
1,3-Dichloropropane
Concen: 20.61 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

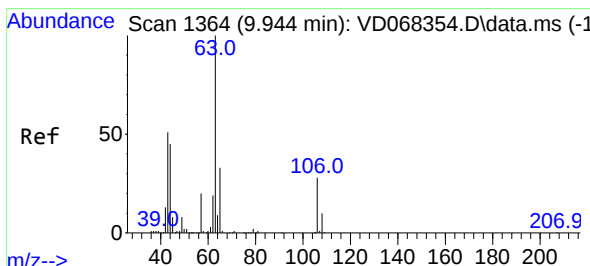
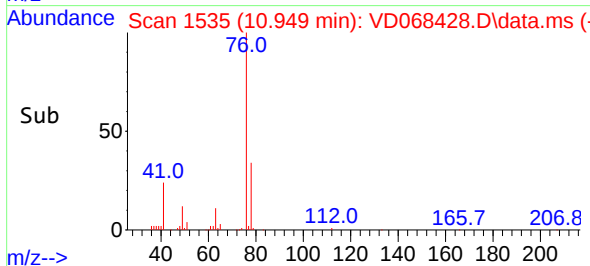
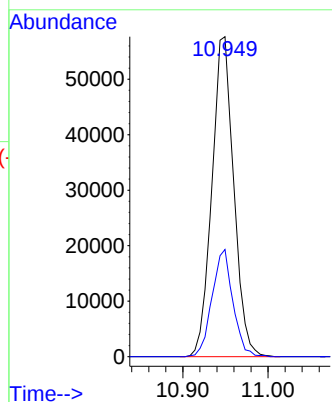
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion: 76 Resp: 102763
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

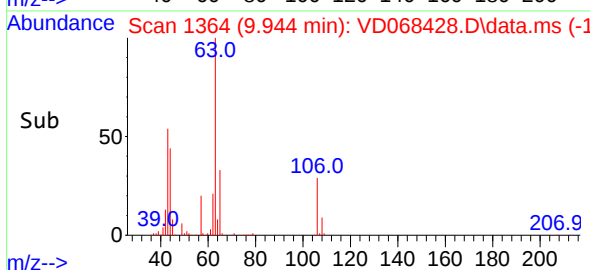
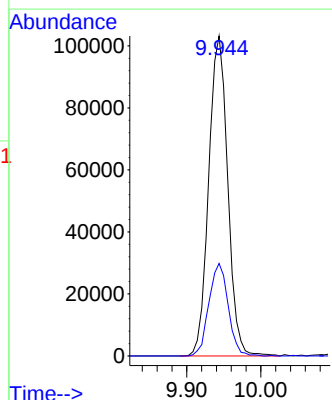
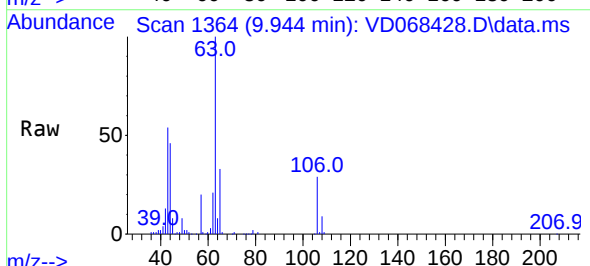
Manual Integrations
APPROVED

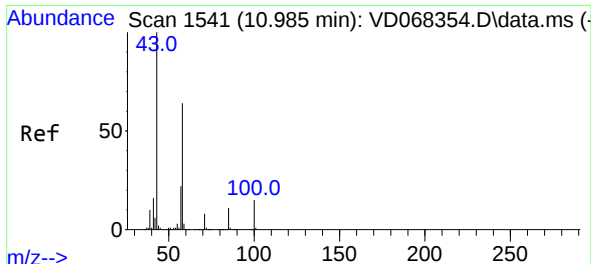
MMDadoda
2/25/2021 12:16:42 PM



#58
2-Chloroethyl Vinyl ether
Concen: 101.91 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 63 Resp: 183975
Ion Ratio Lower Upper
63 100
106 29.3 27.0 40.4





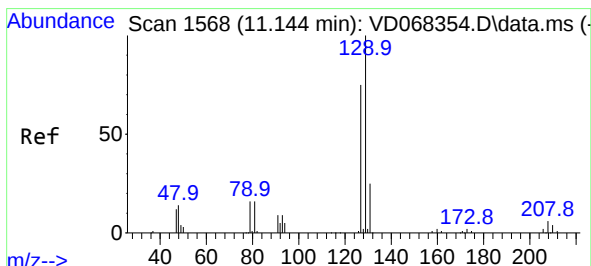
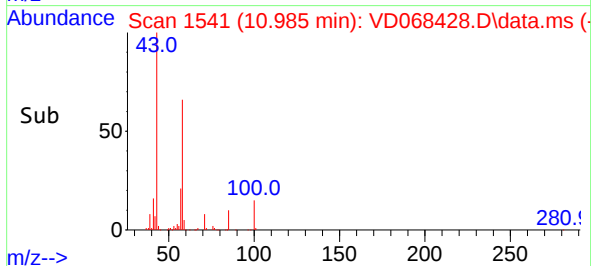
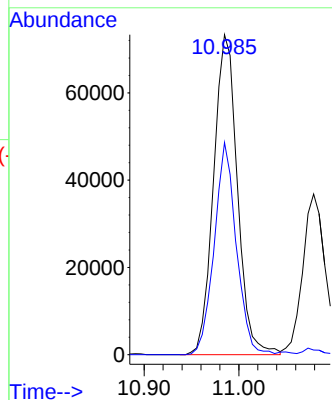
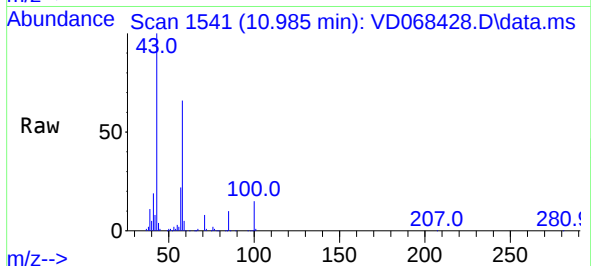
#59
2-Hexanone
Concen: 104.81 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 43 Resp: 128273
Ion Ratio Lower Upper
43 100
58 61.3 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

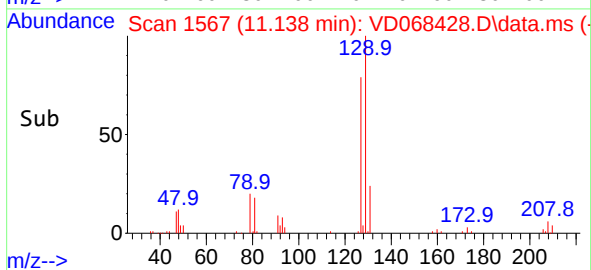
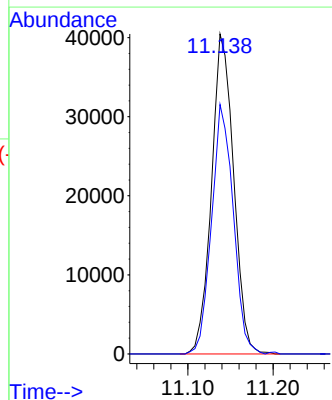
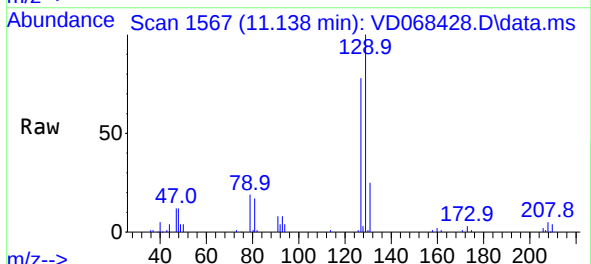
Manual Integrations
APPROVED

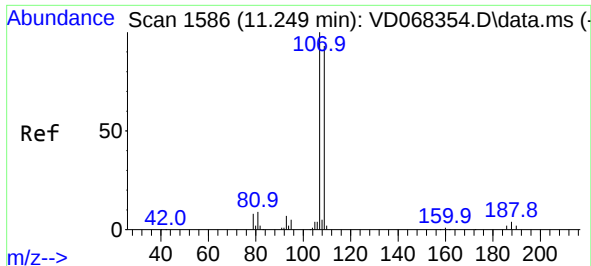
MMDadoda
2/25/2021 12:16:42 PM



#60
Dibromochloromethane
Concen: 20.74 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

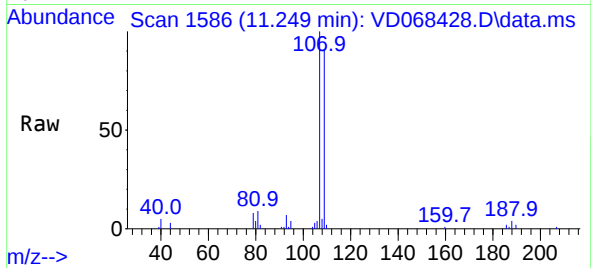
Tgt Ion:129 Resp: 73119
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.41 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

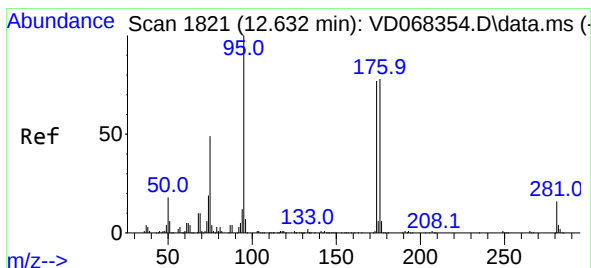
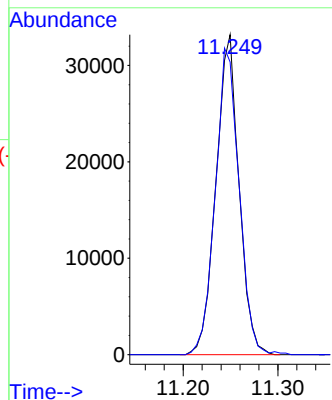
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



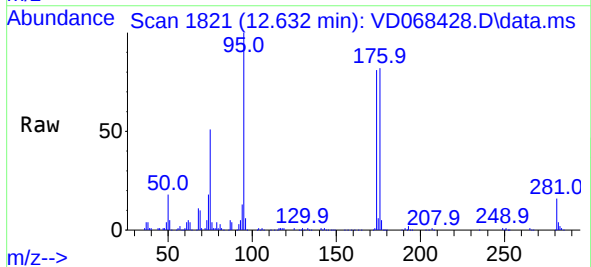
Tgt Ion:107 Resp: 56036
Ion Ratio Lower Upper
107 100
109 99.2 74.8 112.2

Manual Integrations
APPROVED

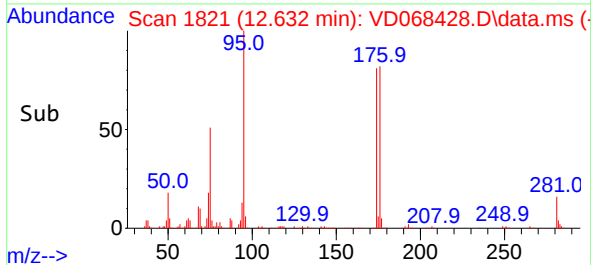
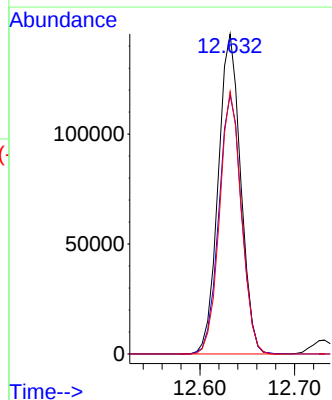
MMDadoda
2/25/2021 12:16:42 PM

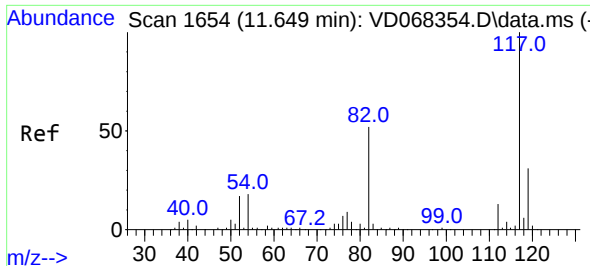


#62
4-Bromofluorobenzene
Concen: 48.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



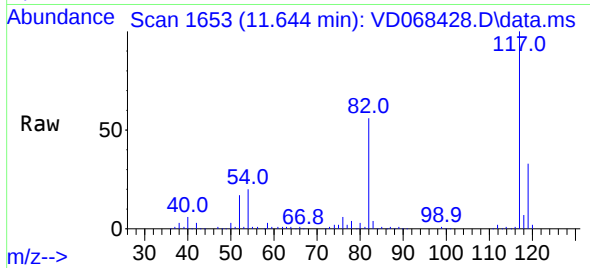
Tgt Ion: 95 Resp: 239130
Ion Ratio Lower Upper
95 100
174 82.0 0.0 172.4
176 79.4 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

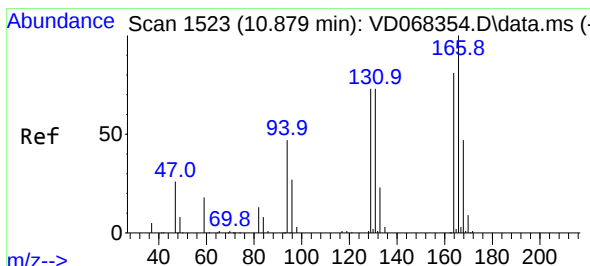
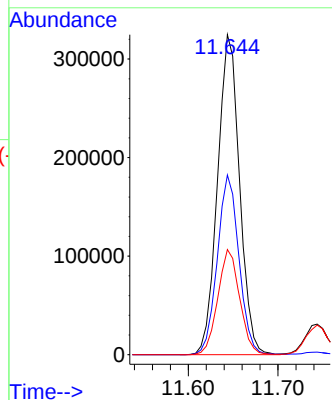
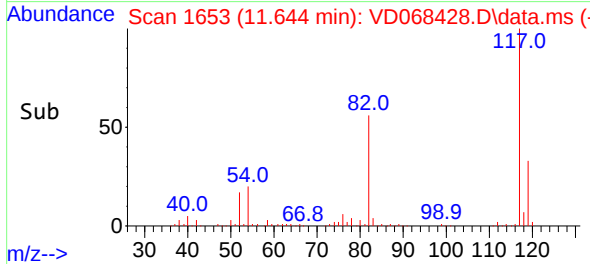
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



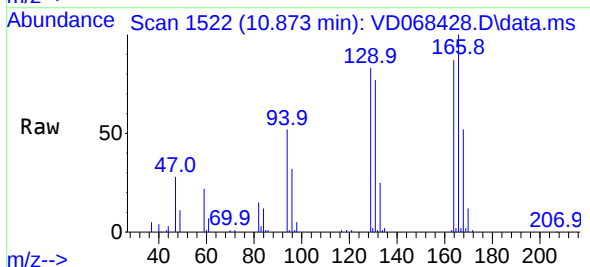
Tgt Ion:117 Resp: 552606
Ion Ratio Lower Upper
117 100
82 56.1 41.4 62.0
119 32.8 26.1 39.1

Manual Integrations
APPROVED

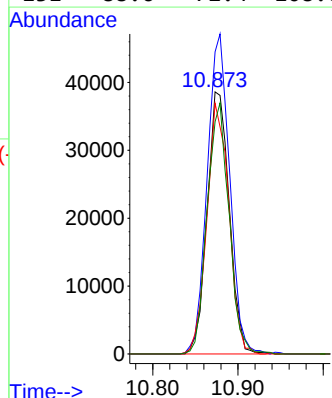
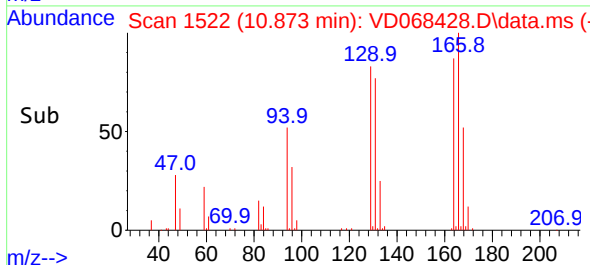
MMDadoda
2/25/2021 12:16:42 PM

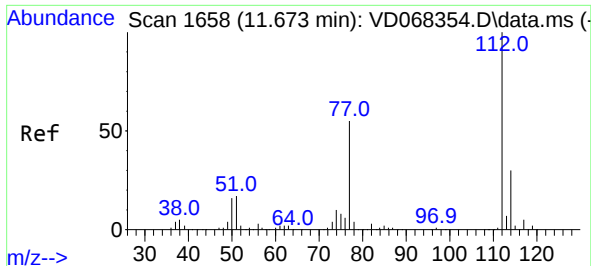


#64
Tetrachloroethene
Concen: 20.55 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



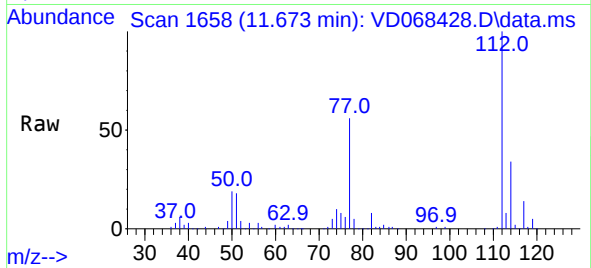
Tgt Ion:164 Resp: 69872
Ion Ratio Lower Upper
164 100
166 115.2 105.5 158.3
129 95.6 75.6 113.4
131 88.6 72.4 108.6





#65
Chlorobenzene
Concen: 20.56 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

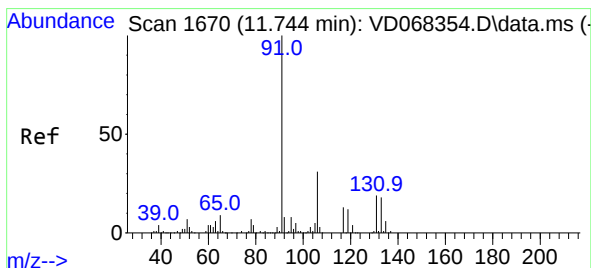
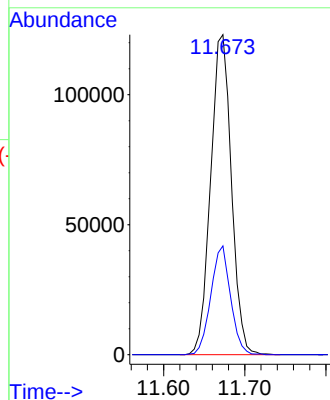
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



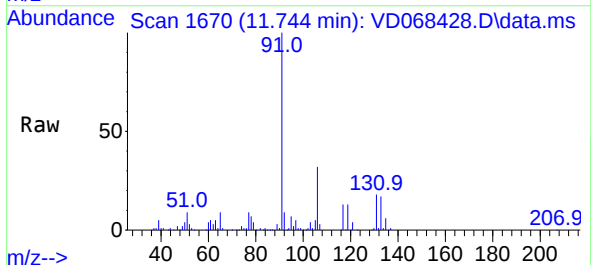
Tgt Ion:112 Resp: 218496
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5

Manual Integrations
APPROVED

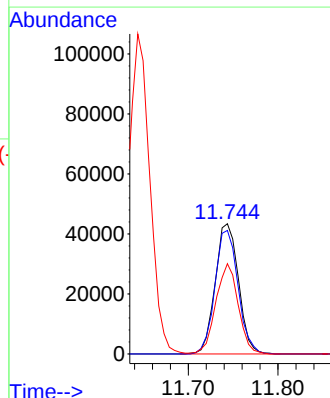
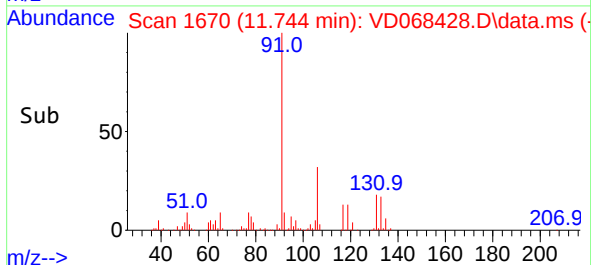
MMDadoda
2/25/2021 12:16:42 PM

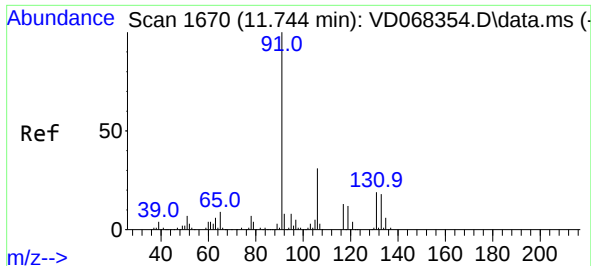


#66
1,1,1,2-Tetrachloroethane
Concen: 21.07 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion:131 Resp: 78096
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 66.7 31.6 94.8





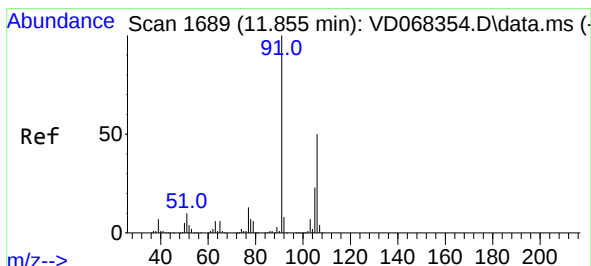
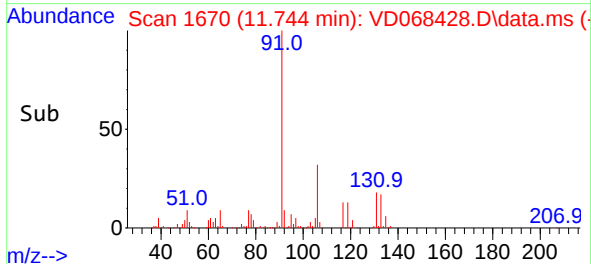
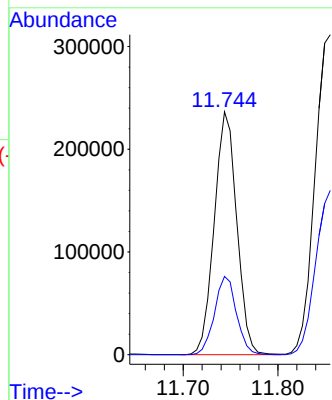
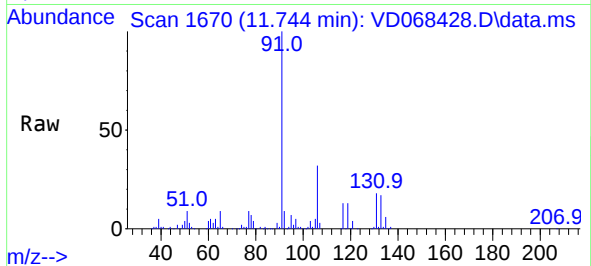
#67
Ethyl Benzene
Concen: 20.48 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 91 Resp: 390178
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

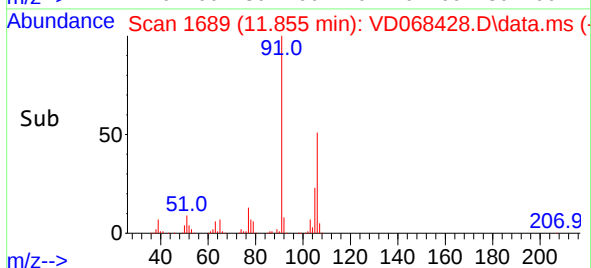
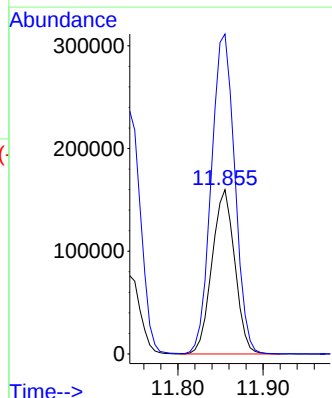
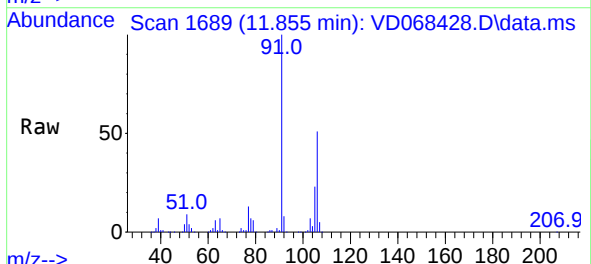
Manual Integrations
APPROVED

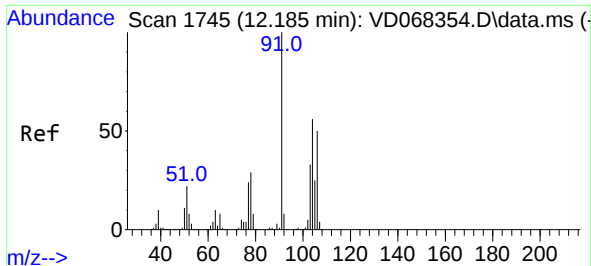
MMDadoda
2/25/2021 12:16:42 PM



#68
m/p-Xylenes
Concen: 41.26 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:106 Resp: 297056
Ion Ratio Lower Upper
106 100
91 201.3 159.1 238.7





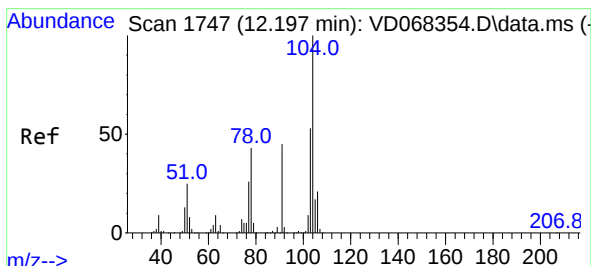
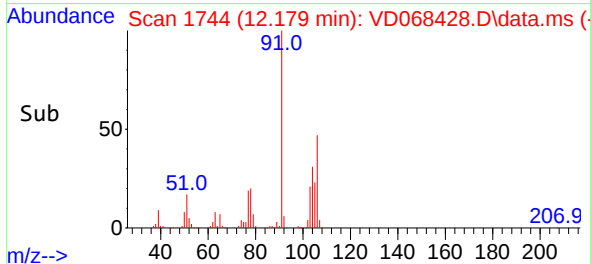
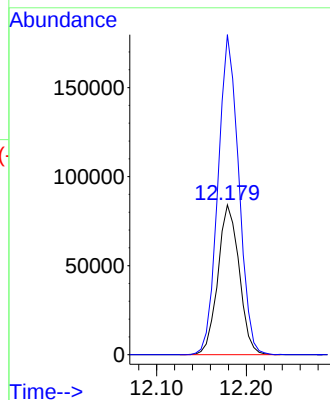
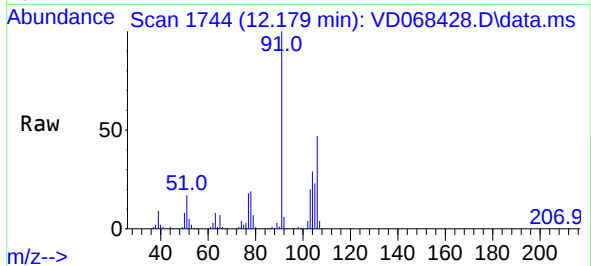
#69
o-Xylene
Concen: 20.96 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:106 Resp: 138455
Ion Ratio Lower Upper
106 100
91 208.1 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

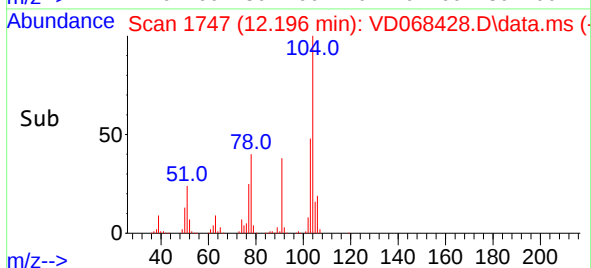
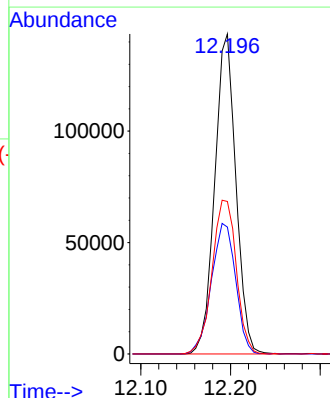
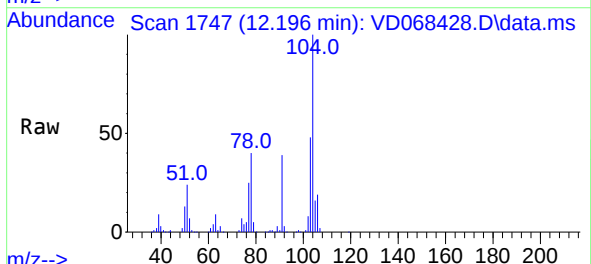
Manual Integrations
APPROVED

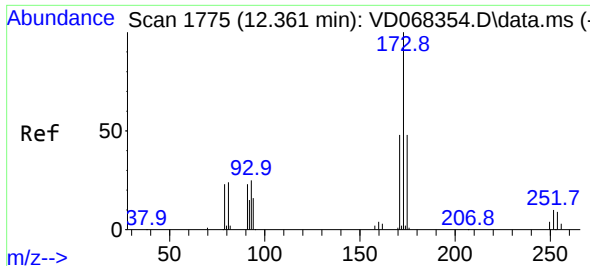
MMDadoda
2/25/2021 12:16:42 PM



#70
Styrene
Concen: 20.49 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:104 Resp: 235456
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 55.0 43.1 64.7





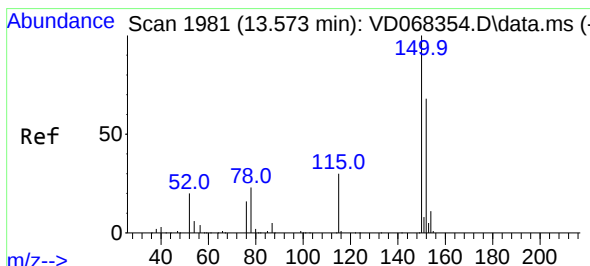
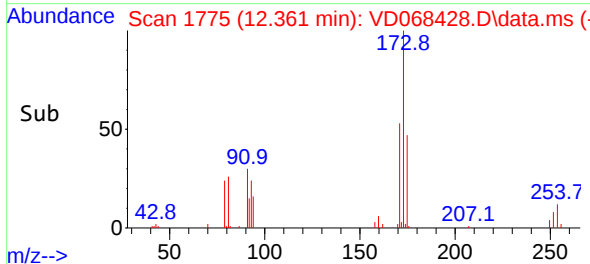
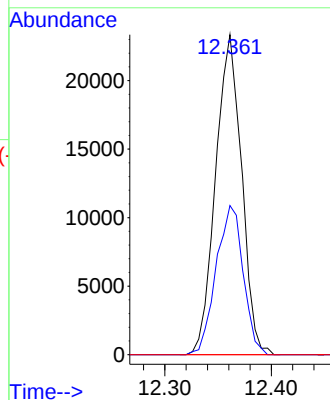
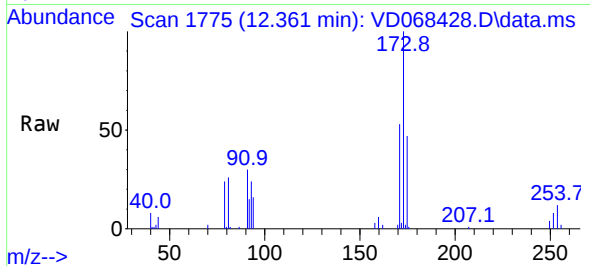
#71
Bromoform
Concen: 20.75 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:173 Resp: 39533
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

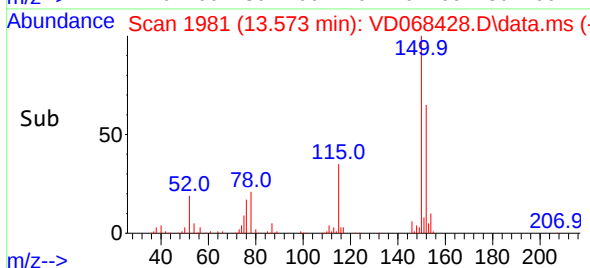
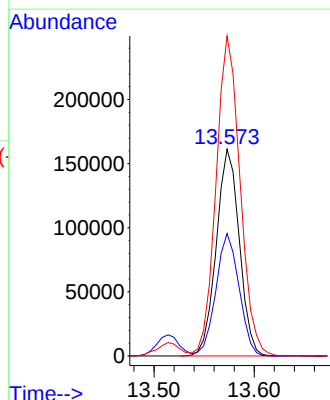
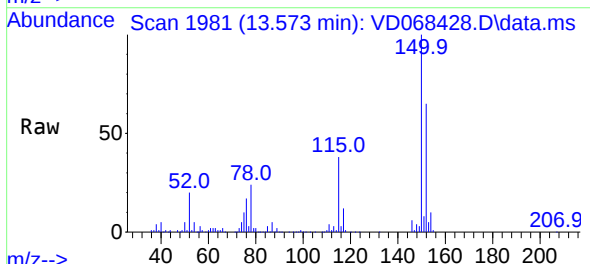
Manual Integrations
APPROVED

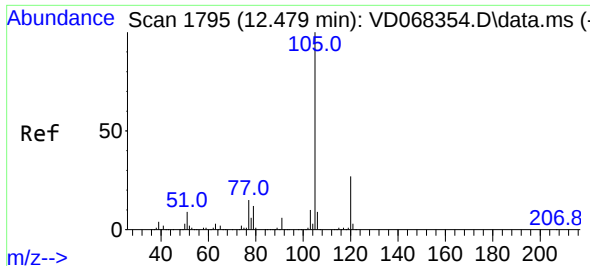
MMDadoda
2/25/2021 12:16:42 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

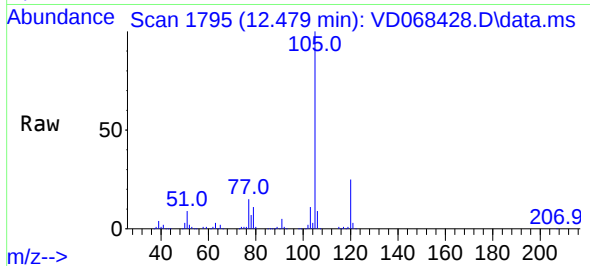
Tgt Ion:152 Resp: 257166
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 161.3 0.0 344.4





#73
Isopropylbenzene
Concen: 20.45 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

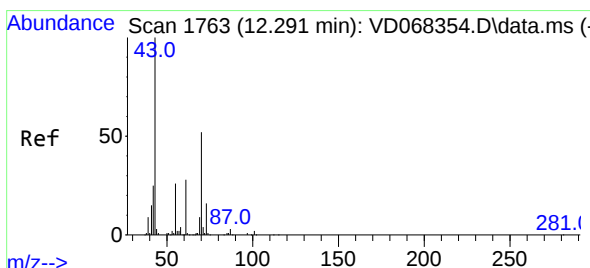
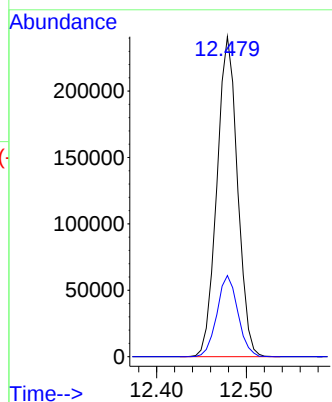
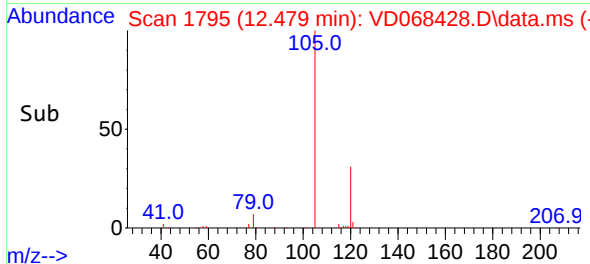
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



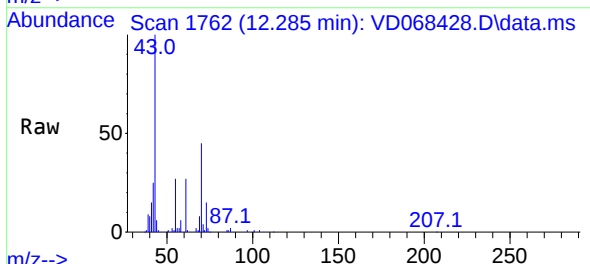
Tgt Ion:105 Resp: 384167
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.6

Manual Integrations
APPROVED

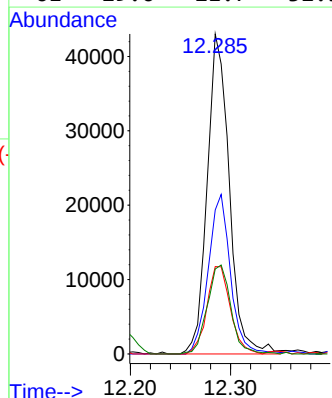
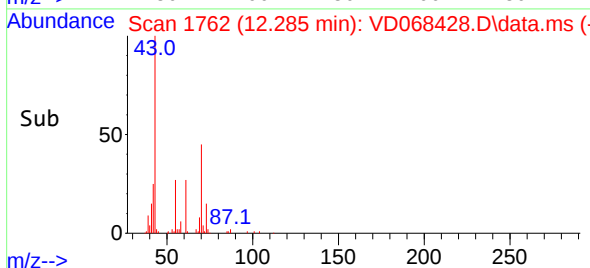
MMDadoda
2/25/2021 12:16:42 PM

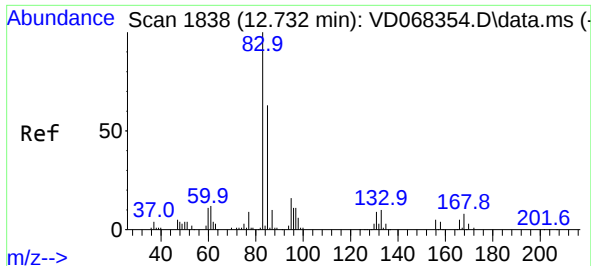


#74
N-ethyl acetate
Concen: 19.90 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion: 43 Resp: 66013
Ion Ratio Lower Upper
43 100
70 50.2 41.8 62.8
55 29.0 24.2 36.4
61 29.6 21.7 32.5





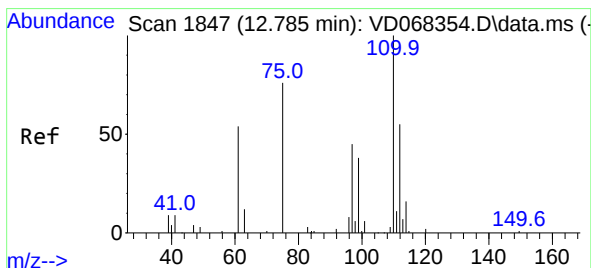
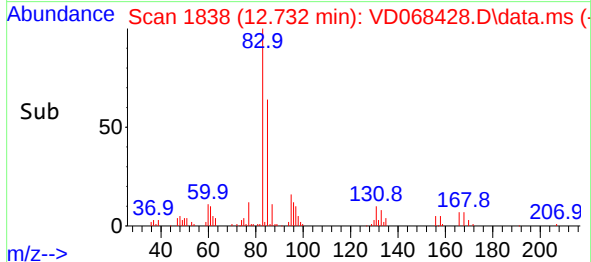
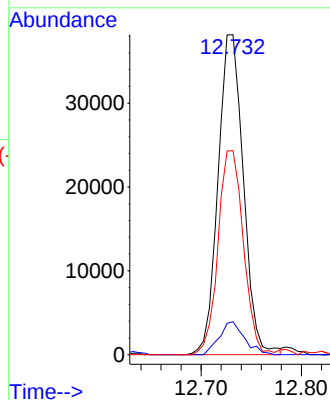
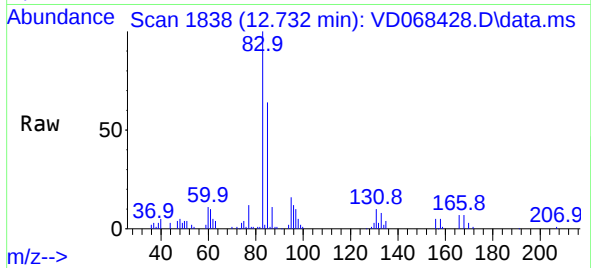
#75
1,1,2,2-Tetrachloroethane
Concen: 20.59 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 83 Resp: 67022
Ion Ratio Lower Upper
83 100
131 10.3 5.8 17.4
85 63.7 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

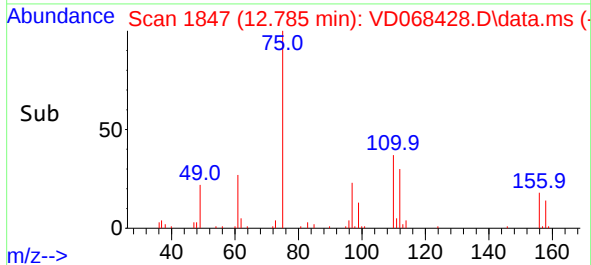
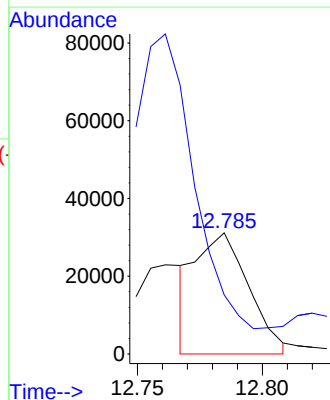
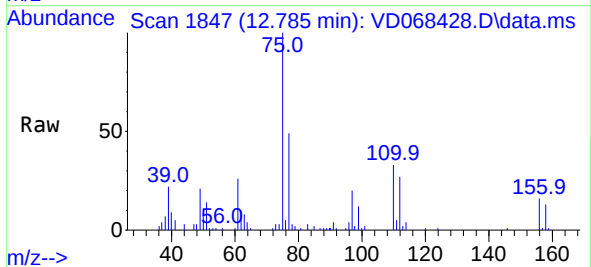
Manual Integrations
APPROVED

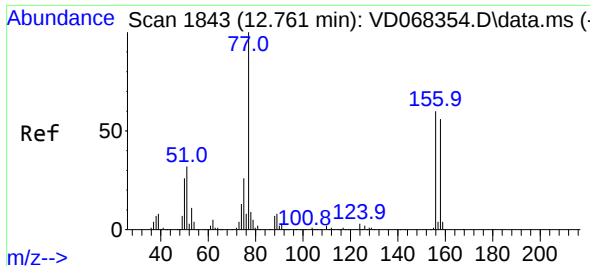
MMDadoda
2/25/2021 12:16:42 PM



#76
1,2,3-Trichloropropane
Concen: 18.76 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 75 Resp: 45918
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





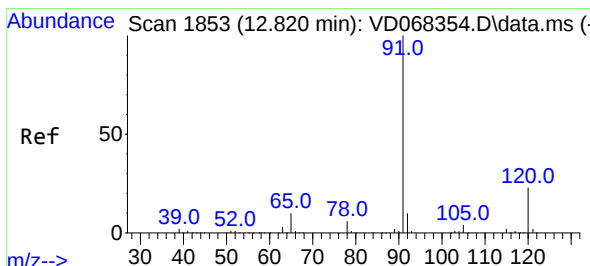
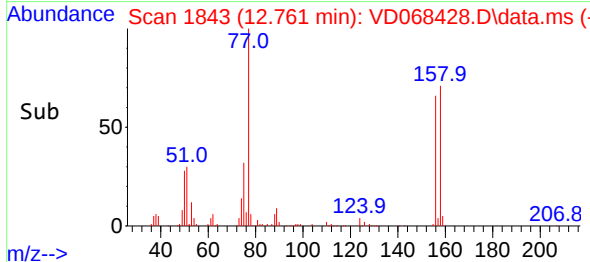
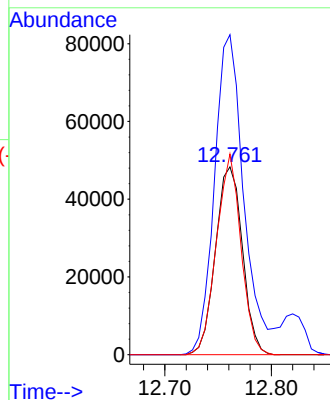
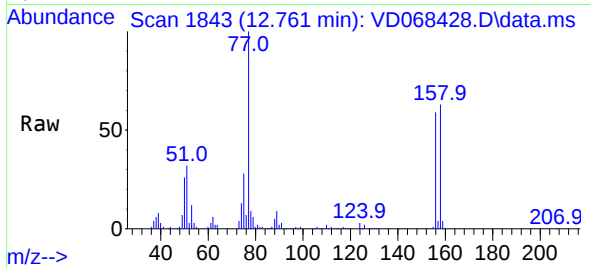
#77
Bromobenzene
Concen: 20.23 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:156 Resp: 84891
Ion Ratio Lower Upper
156 100
77 186.2 82.8 248.3
158 97.5 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

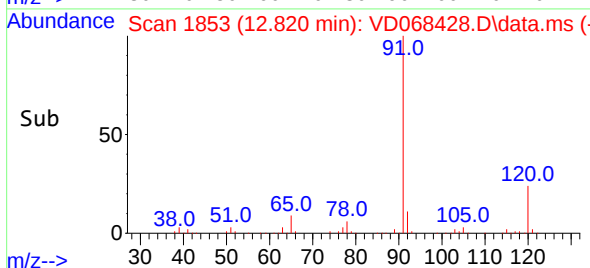
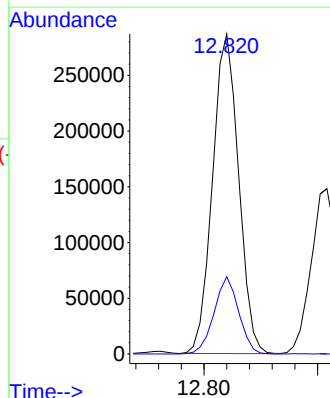
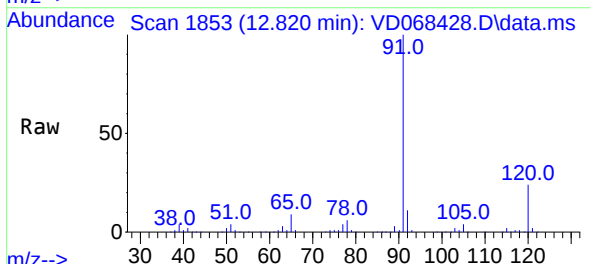
Manual Integrations
APPROVED

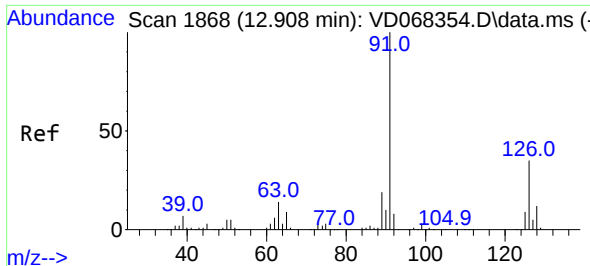
MMDadoda
2/25/2021 12:16:42 PM



#78
n-propylbenzene
Concen: 20.30 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 91 Resp: 456546
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0





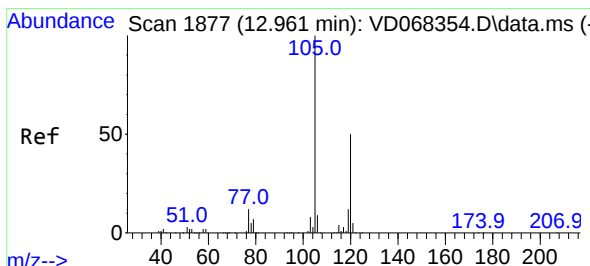
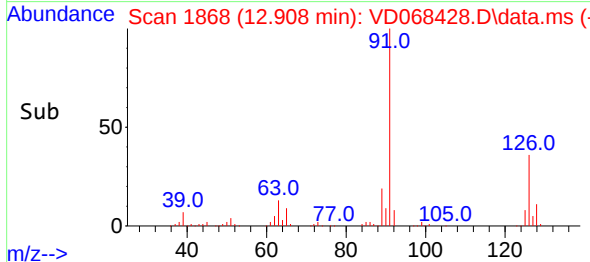
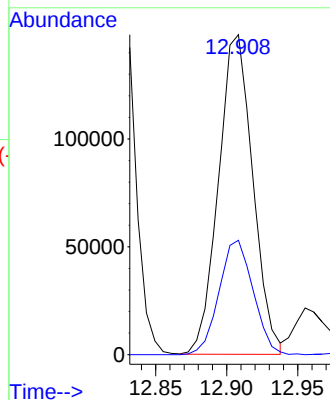
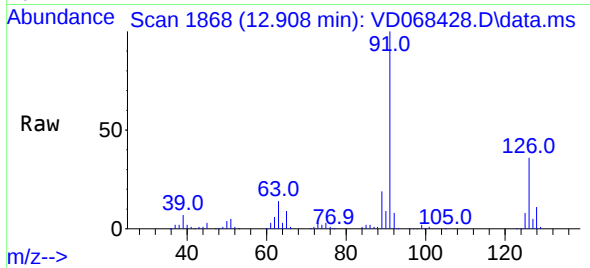
#79
2-Chlorotoluene
Concen: 19.98 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion: 91 Resp: 248824
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

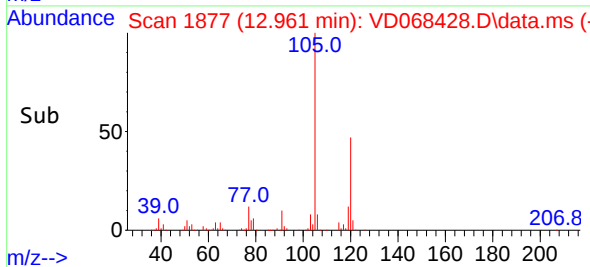
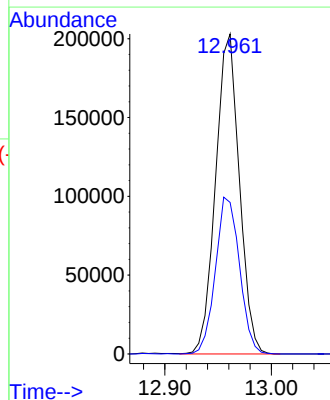
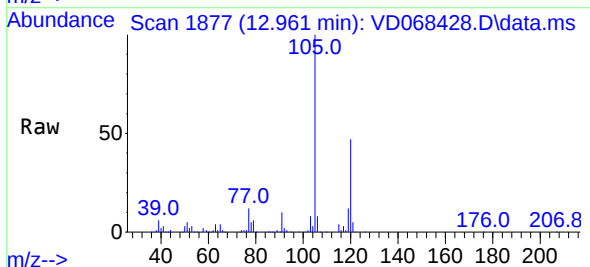
Manual Integrations
APPROVED

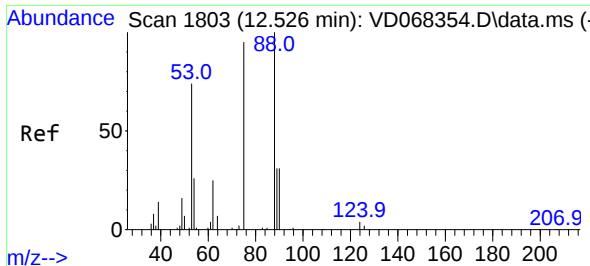
MMDadoda
2/25/2021 12:16:42 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.45 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

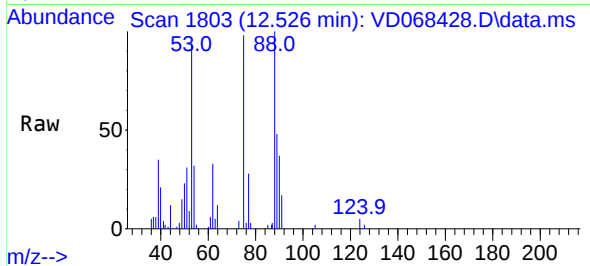
Tgt Ion: 105 Resp: 313929
Ion Ratio Lower Upper
105 100
120 49.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.81 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

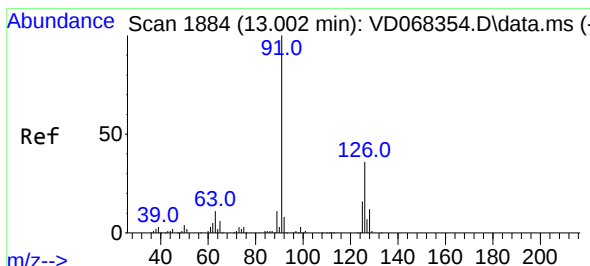
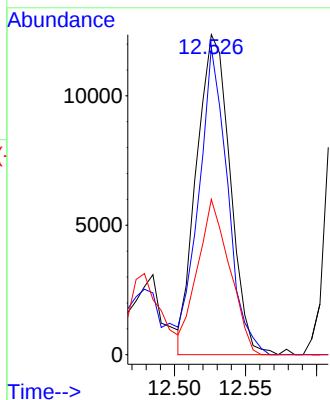
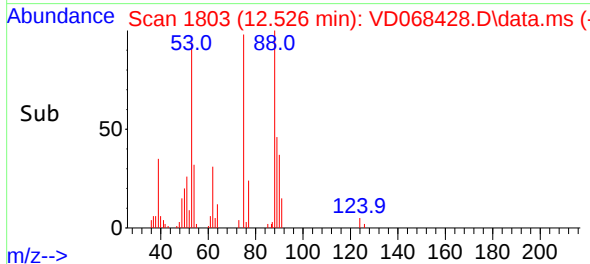
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



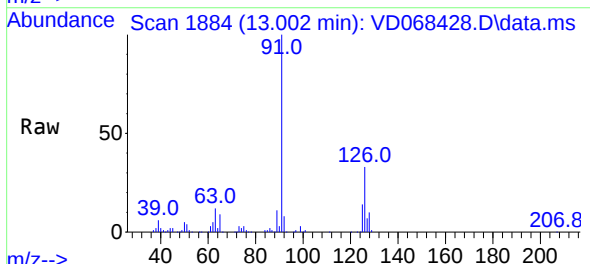
Tgt Ion: 75 Resp: 20315
Ion Ratio Lower Upper
75 100
53 82.5 70.2 105.2
89 46.7 40.3 60.5

Manual Integrations
APPROVED

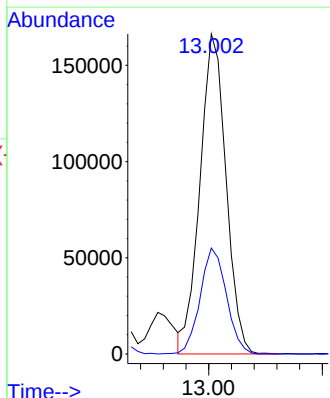
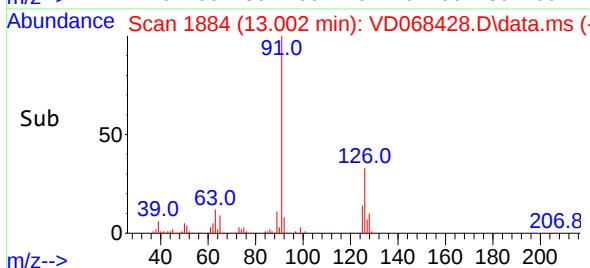
MMDadoda
2/25/2021 12:16:42 PM

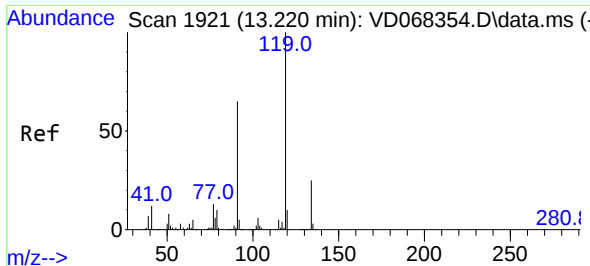


#82
4-Chlorotoluene
Concen: 20.13 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



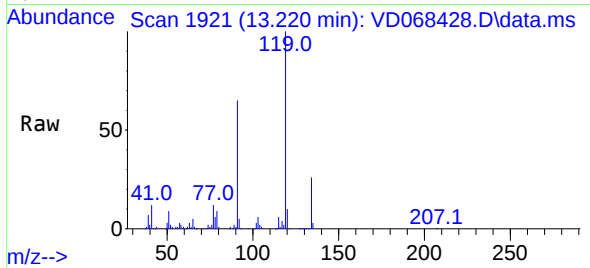
Tgt Ion: 91 Resp: 264987
Ion Ratio Lower Upper
91 100
126 33.4 17.7 53.1





#83
tert-Butylbenzene
Concen: 20.05 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

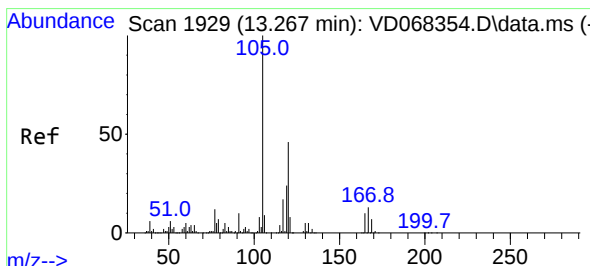
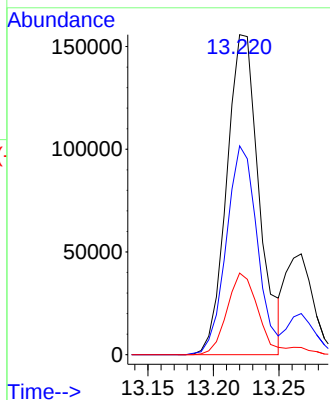
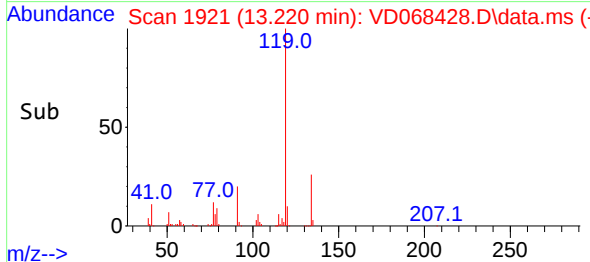
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



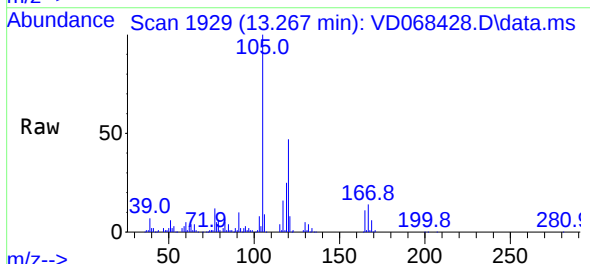
Tgt Ion:119 Resp: 267035
Ion Ratio Lower Upper
119 100
91 62.7 31.1 93.5
134 26.0 13.3 39.8

Manual Integrations
APPROVED

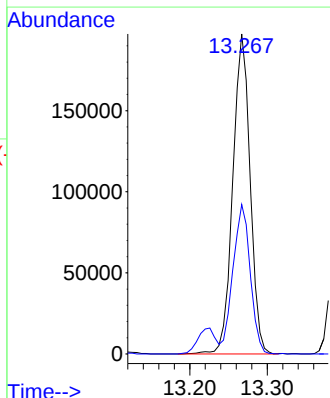
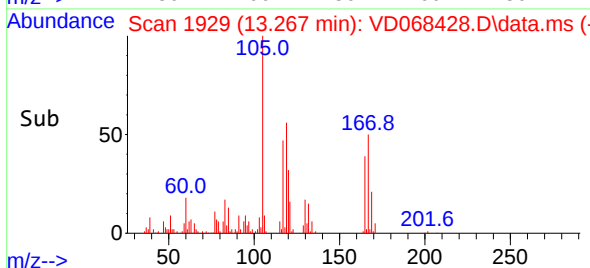
MMDadoda
2/25/2021 12:16:42 PM

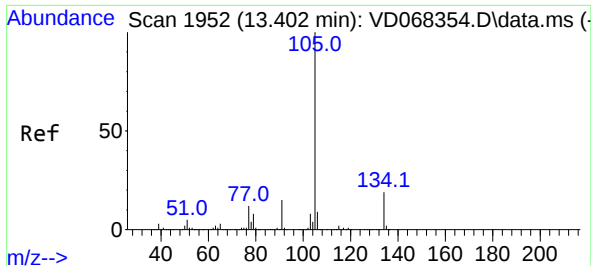


#84
1,2,4-Trimethylbenzene
Concen: 20.05 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



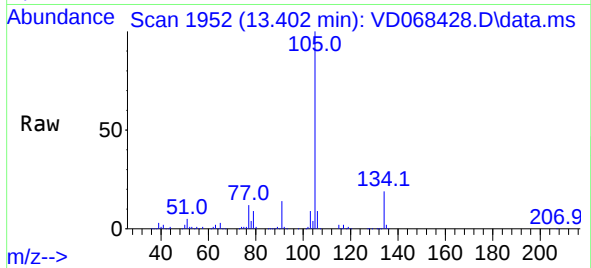
Tgt Ion:105 Resp: 306694
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.0





#85
sec-Butylbenzene
Concen: 20.50 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

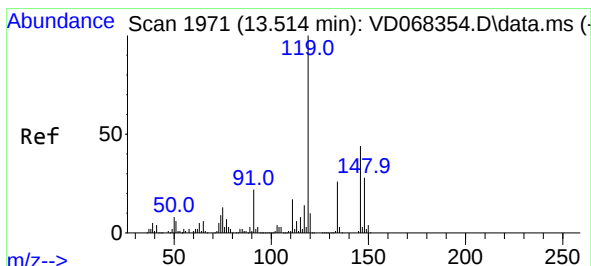
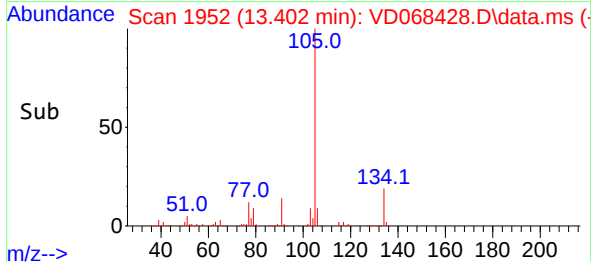
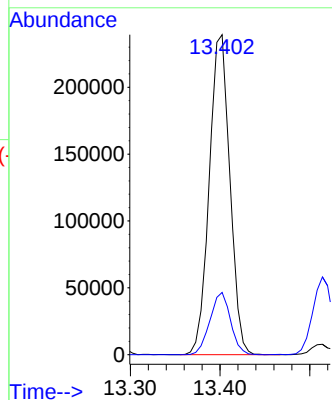
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



Tgt Ion:105 Resp: 381666
Ion Ratio Lower Upper
105 100
134 19.5 10.3 30.9

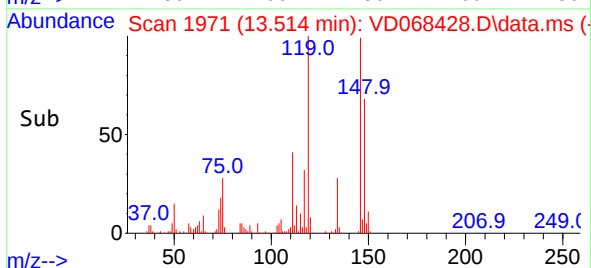
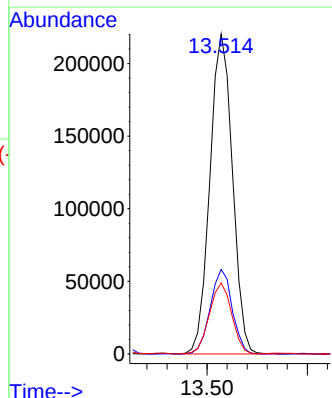
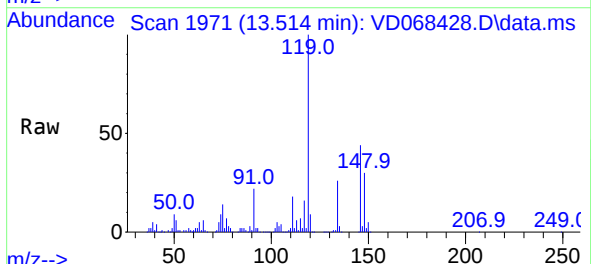
Manual Integrations
APPROVED

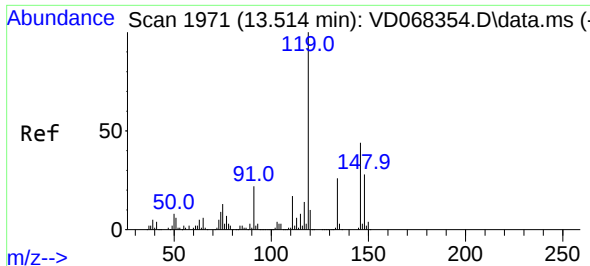
MMDadoda
2/25/2021 12:16:42 PM



#86
p-Isopropyltoluene
Concen: 20.57 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:119 Resp: 344011
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.7
91 22.0 11.7 35.0





#87

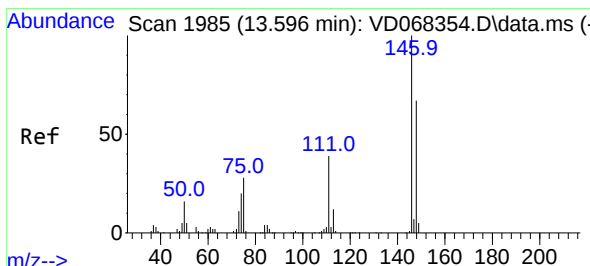
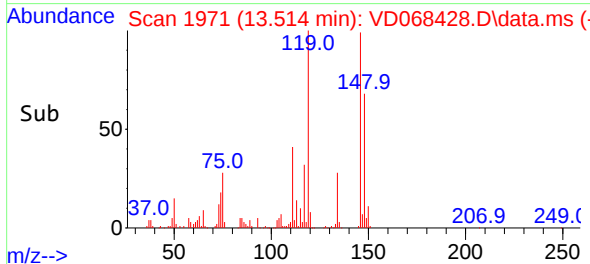
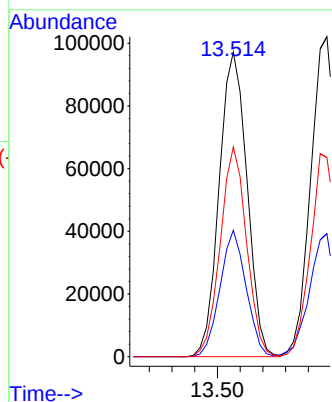
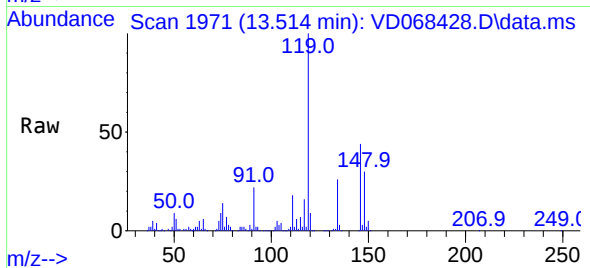
1,3-Dichlorobenzene
Concen: 20.35 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:146 Resp: 165196
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 65.2 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

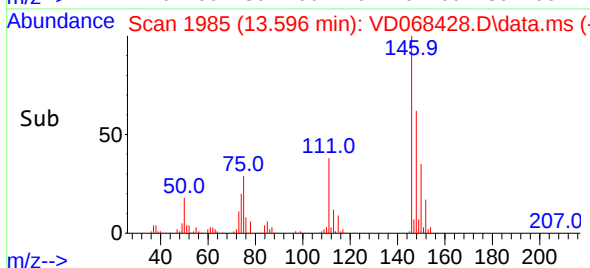
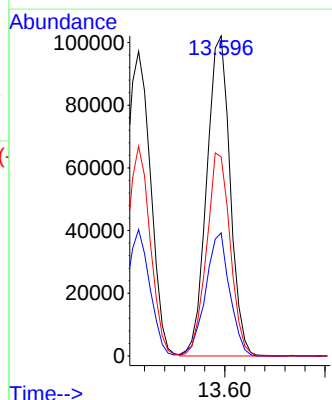
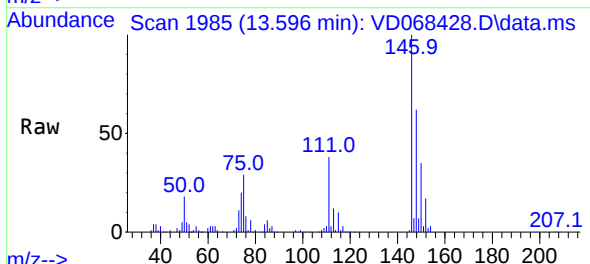
MMDadoda
2/25/2021 12:16:42 PM

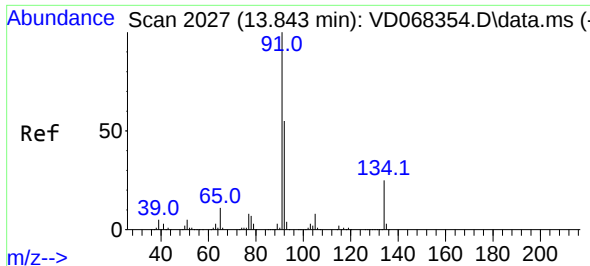


#88

1,4-Dichlorobenzene
Concen: 20.44 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

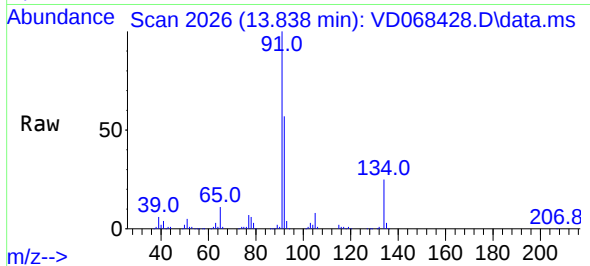
Tgt Ion:146 Resp: 165126
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.1
148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 20.18 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

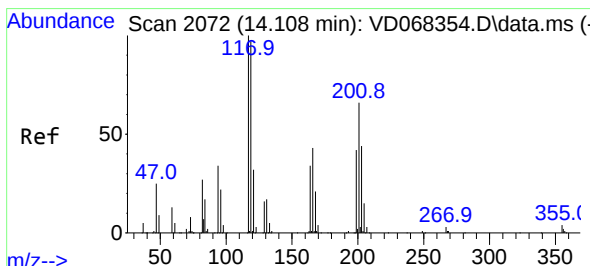
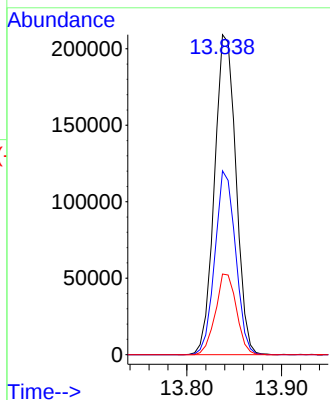
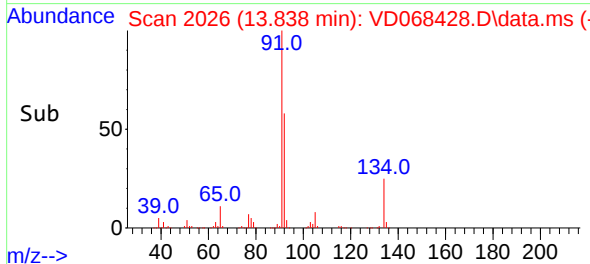
Instrument :
MSVOA_D
ClientSampleID :
VD0224SBS01



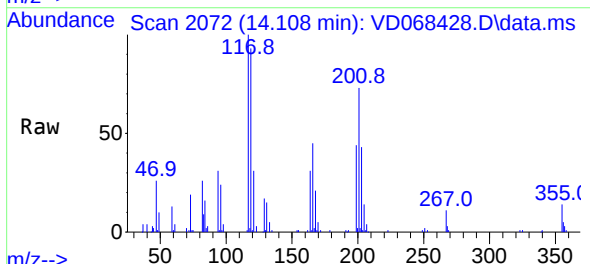
Tgt Ion: 91 Resp: 329295
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.6
134 24.7 13.9 41.7

Manual Integrations
APPROVED

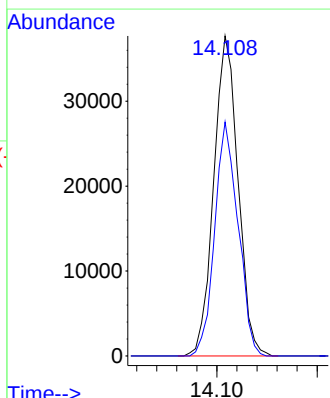
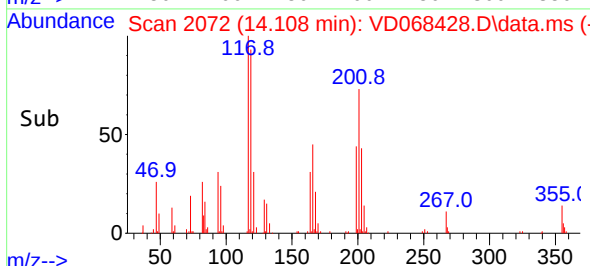
MMDadoda
2/25/2021 12:16:42 PM

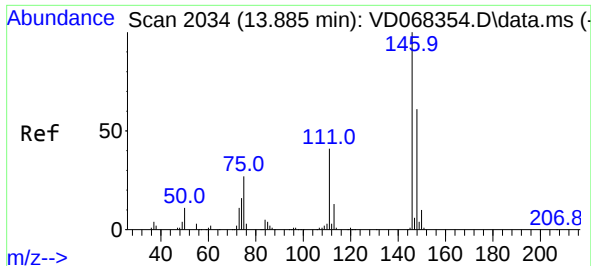


#90
Hexachloroethane
Concen: 20.87 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



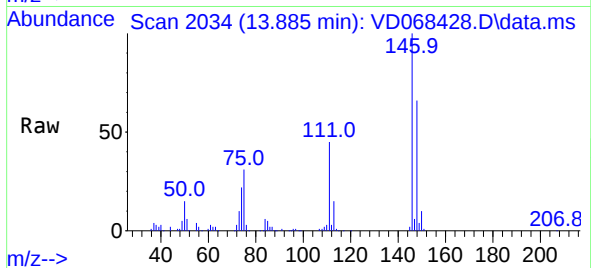
Tgt Ion: 117 Resp: 63352
Ion Ratio Lower Upper
117 100
201 70.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 20.17 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

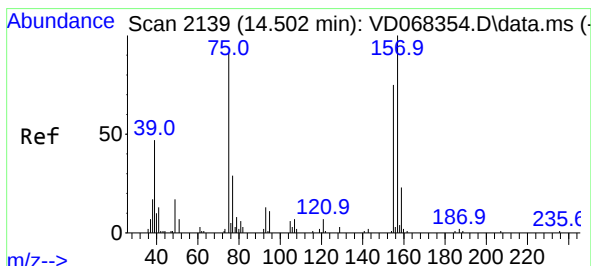
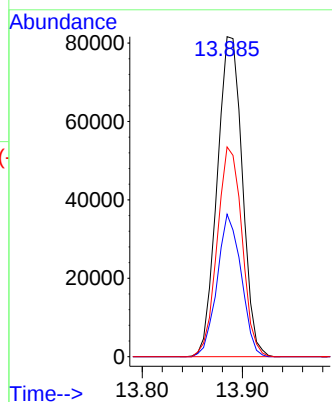
Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01



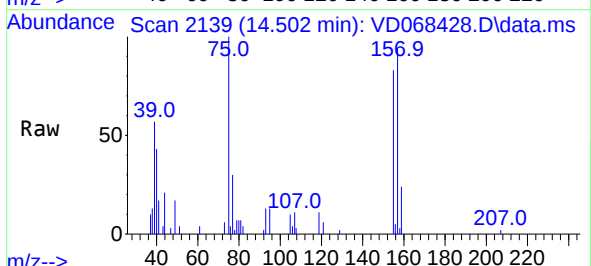
Tgt Ion:146 Resp: 142022
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 64.7 31.7 95.1

Manual Integrations
APPROVED

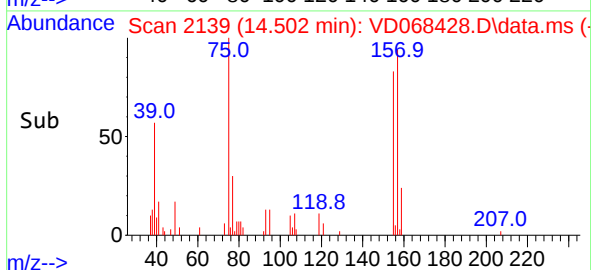
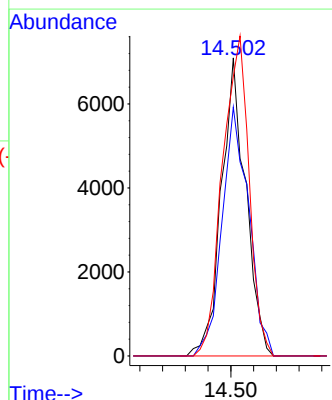
MMDadoda
2/25/2021 12:16:42 PM

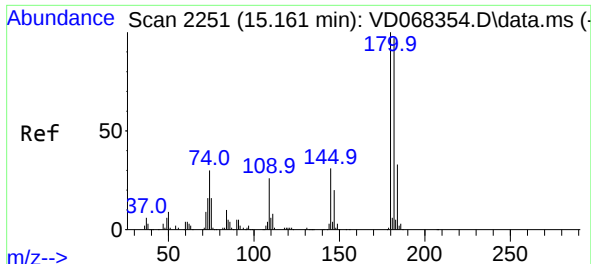


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.22 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion: 75 Resp: 10577
Ion Ratio Lower Upper
75 100
155 91.1 48.0 144.2
157 116.9 65.0 194.8





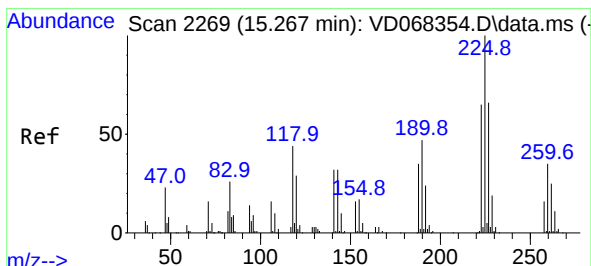
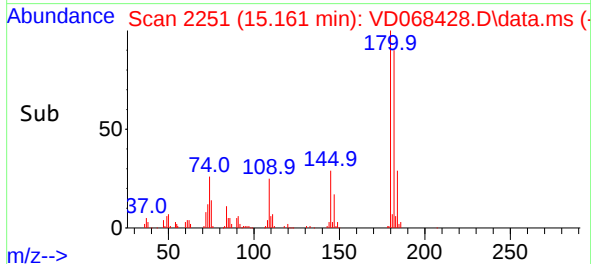
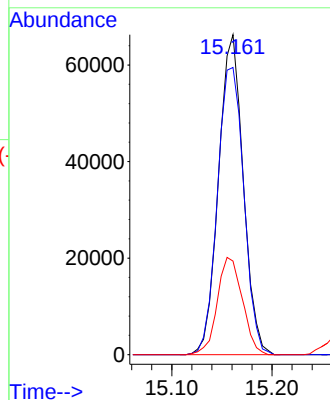
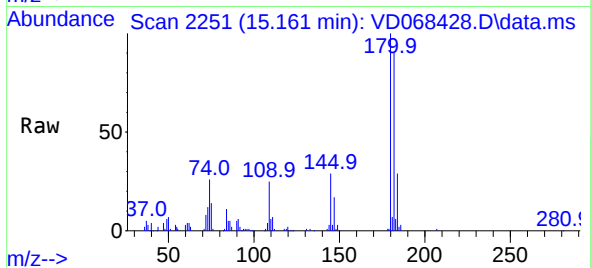
#93
1,2,4-Trichlorobenzene
Concen: 24.59 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:180 Resp: 113372
Ion Ratio Lower Upper
180 100
182 96.0 46.8 140.4
145 31.0 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

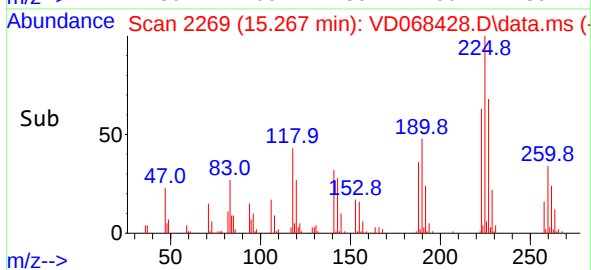
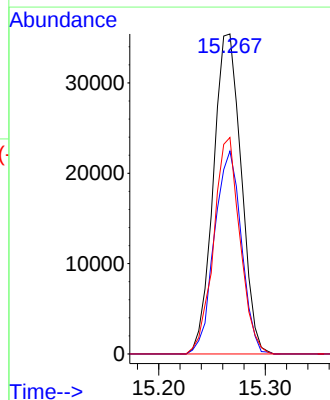
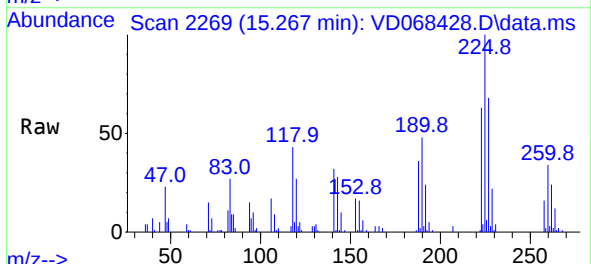
Manual Integrations
APPROVED

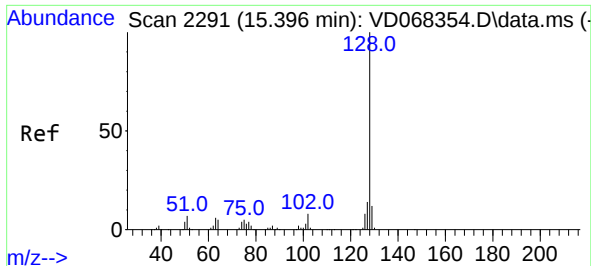
MMDadoda
2/25/2021 12:16:42 PM



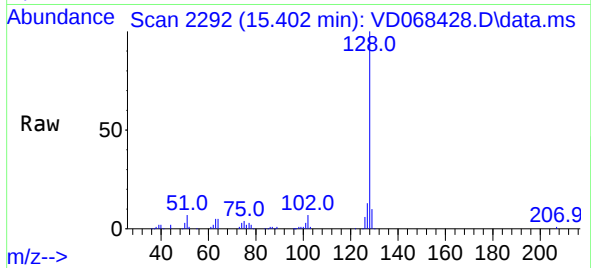
#94
Hexachlorobutadiene
Concen: 25.38 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51

Tgt Ion:225 Resp: 64362
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.5
227 63.9 32.1 96.5

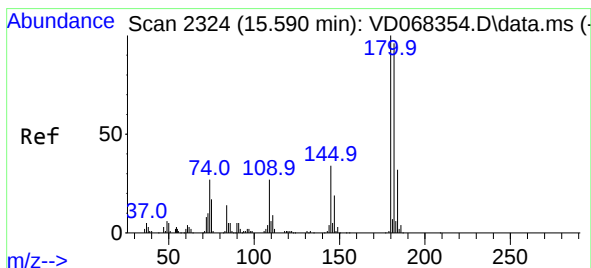
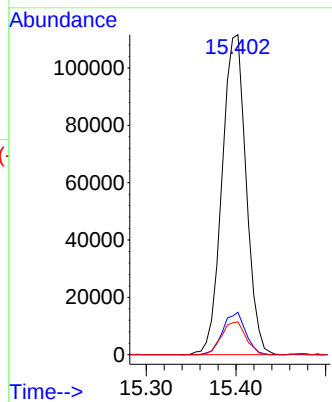
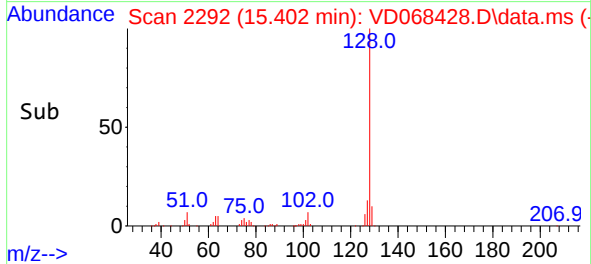




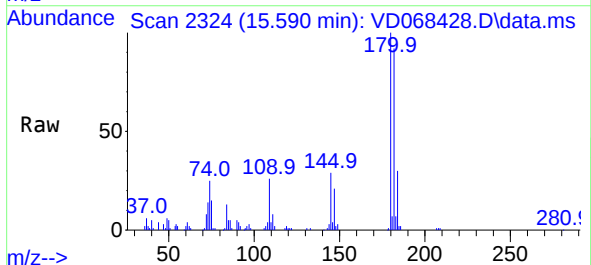
#95
Naphthalene
Concen: 24.25 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



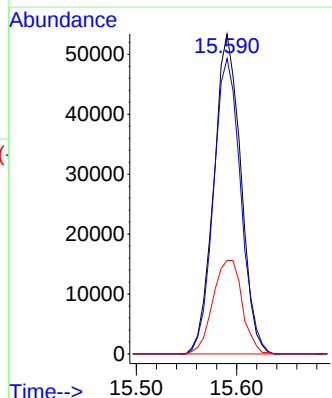
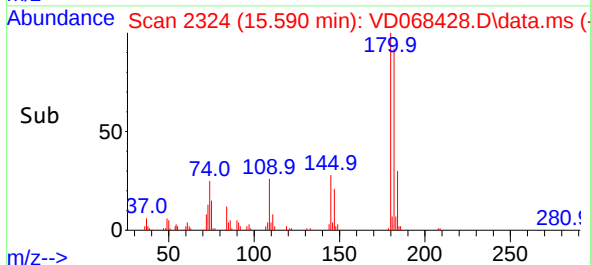
Tgt Ion:128 Resp: 207852
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 24.67 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068428.D
Acq: 24 Feb 2021 10:51



Tgt Ion:180 Resp: 99233
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.8
145 31.9 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VD0224SBS01

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:42 PM