

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068392.D
 Acq On : 17 Feb 2021 19:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Feb 18 00:15:17 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	327870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	596473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	564221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	265717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192796	57.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.04%			
35) Dibromofluoromethane	7.920	113	190624	53.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.68%			
50) Toluene-d8	10.344	98	773086	52.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.36%			
62) 4-Bromofluorobenzene	12.632	95	259503	54.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	127307	42.37	ug/l	95
3) Chloromethane	2.209	50	168980	47.24	ug/l	99
4) Vinyl Chloride	2.350	62	197965	46.23	ug/l	100
5) Bromomethane	2.773	94	150057	49.03	ug/l	96
6) Chloroethane	2.926	64	135280	48.37	ug/l	99
7) Trichlorofluoromethane	3.279	101	240186	45.57	ug/l	100
8) Diethyl Ether	3.709	74	80752	52.17	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	149361	46.57	ug/l	94
10) Methyl Iodide	4.303	142	134488	44.65	ug/l	96
11) Tert butyl alcohol	5.226	59	44166	262.82	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	144014	46.18	ug/l	93
13) Acrolein	3.920	56	52840	274.98	ug/l	98
14) Allyl chloride	4.720	41	207044	51.07	ug/l	98
15) Acrylonitrile	5.426	53	183432	274.57	ug/l	99
16) Acetone	4.156	43	120436	232.89	ug/l	96
17) Carbon Disulfide	4.415	76	408016	45.18	ug/l	99
18) Methyl Acetate	4.720	43	76976	54.24	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	375998	53.44	ug/l #	90
20) Methylene Chloride	4.973	84	193458	54.08	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	176293	48.85	ug/l	95
22) Diisopropyl ether	6.361	45	484319	53.98	ug/l #	95
23) Vinyl Acetate	6.309	43	1268123	273.74	ug/l	99
24) 1,1-Dichloroethane	6.267	63	314392	51.21	ug/l	99
25) 2-Butanone	7.214	43	198714	274.83	ug/l	100
26) 2,2-Dichloropropane	7.214	77	248916	47.40	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	211244	51.49	ug/l	98
28) Bromochloromethane	7.550	49	153118	60.14	ug/l #	79
29) Tetrahydrofuran	7.561	42	129634	277.17	ug/l	98
30) Chloroform	7.714	83	333419	52.22	ug/l	98
31) Cyclohexane	7.985	56	246291	49.36	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	277991	50.39	ug/l	95
36) 1,1-Dichloropropene	8.114	75	237806	45.07	ug/l	96
37) Ethyl Acetate	7.291	43	97357	54.60	ug/l	98
38) Carbon Tetrachloride	8.097	117	228698	45.44	ug/l	99
39) Methylcyclohexane	9.355	83	287057	44.35	ug/l	98
40) Benzene	8.355	78	726456	48.27	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43403	42.29	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	201156	50.10	ug/l	100
43) Isopropyl Acetate	8.455	43	182882	53.56	ug/l	95
44) Trichloroethene	9.114	130	193369	47.21	ug/l	93
45) 1,2-Dichloropropane	9.391	63	186622	50.81	ug/l	93
46) Dibromomethane	9.479	93	101993	51.19	ug/l	90
47) Bromodichloromethane	9.661	83	263112	50.93	ug/l	100
48) Methyl methacrylate	9.455	41	81217	47.66	ug/l #	78
49) 1,4-Dioxane	9.467	88	23545	1011.50	ug/l #	86
51) 4-Methyl-2-Pentanone	10.232	43	481080	274.32	ug/l	100
52) Toluene	10.402	92	471979	48.77	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	245817	51.42	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	294518	50.42	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	142844	51.90	ug/l	95
56) Ethyl methacrylate	10.661	69	181337	55.53	ug/l	97
57) 1,3-Dichloropropane	10.949	76	245359	50.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	485656	277.73	ug/l	93
59) 2-Hexanone	10.985	43	323513	272.90	ug/l	100
60) Dibromochloromethane	11.138	129	177399	51.94	ug/l	99
61) 1,2-Dibromoethane	11.249	107	137202	51.58	ug/l	96
64) Tetrachloroethene	10.879	164	149243	42.99	ug/l	95
65) Chlorobenzene	11.667	112	518368	47.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	186707	49.33	ug/l	98
67) Ethyl Benzene	11.744	91	931430	47.89	ug/l	97
68) m/p-Xylenes	11.855	106	699051	95.09	ug/l	98
69) o-Xylene	12.179	106	334442	49.59	ug/l	98
70) Styrene	12.196	104	584298	49.81	ug/l	100
71) Bromoform	12.361	173	97626	50.20	ug/l #	99
73) Isopropylbenzene	12.479	105	889554	45.83	ug/l	100
74) N-amyl acetate	12.291	43	169353	49.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	187060	55.61	ug/l	90
76) 1,2,3-Trichloropropane	12.785	75	114902m	45.44	ug/l	
77) Bromobenzene	12.761	156	203858	47.02	ug/l	87
78) n-propylbenzene	12.820	91	1073919	46.22	ug/l	97
79) 2-Chlorotoluene	12.908	91	607565	47.22	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	759237	47.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	47804	47.39	ug/l	97
82) 4-Chlorotoluene	13.002	91	636973	46.82	ug/l	98
83) tert-Butylbenzene	13.220	119	630989	45.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	749244	47.42	ug/l	99
85) sec-Butylbenzene	13.402	105	897930	46.67	ug/l	98
86) p-Isopropyltoluene	13.514	119	812143	47.01	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	392860	46.83	ug/l	95
88) 1,4-Dichlorobenzene	13.591	146	392845	47.06	ug/l	100
89) n-Butylbenzene	13.838	91	778345	46.17	ug/l	98
90) Hexachloroethane	14.108	117	151869	48.42	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	351951	48.39	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	26222	53.32	ug/l	84
93) 1,2,4-Trichlorobenzene	15.155	180	233278	48.97	ug/l	97
94) Hexachlorobutadiene	15.267	225	121643	46.42	ug/l	98
95) Naphthalene	15.396	128	471191	53.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	205499	49.45	ug/l	99

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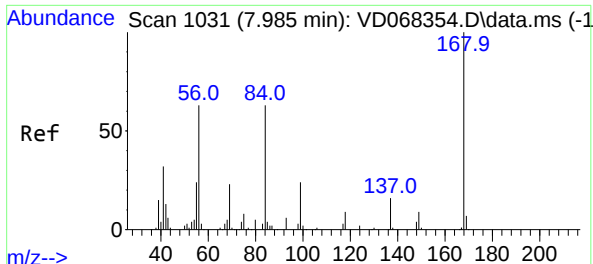
Manual Integrations
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QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



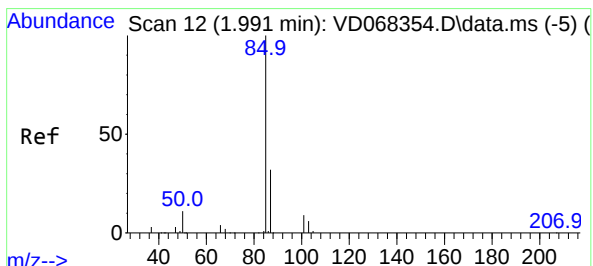
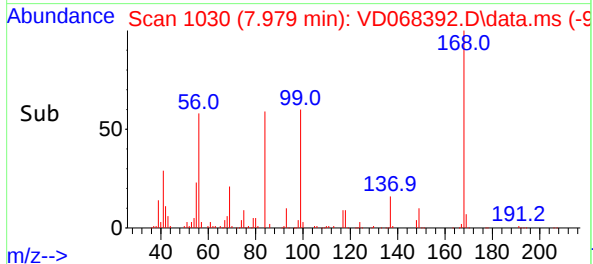
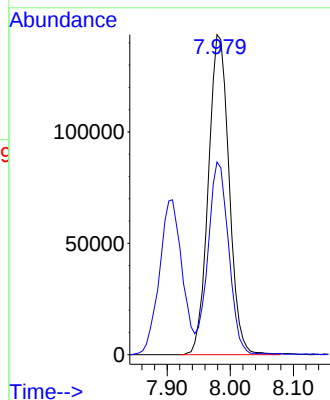
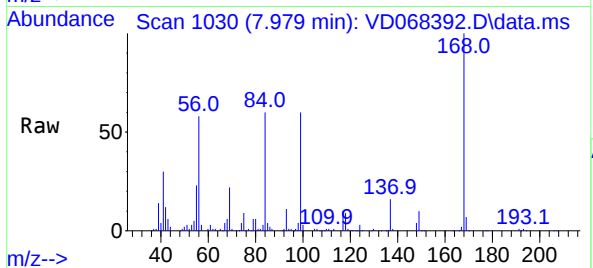
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:168 Resp: 327870
Ion Ratio Lower Upper
168 100
99 59.8 43.5 65.3

Instrument :
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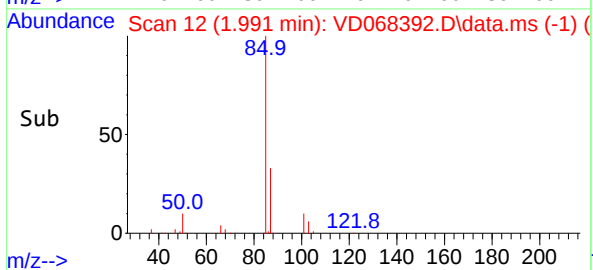
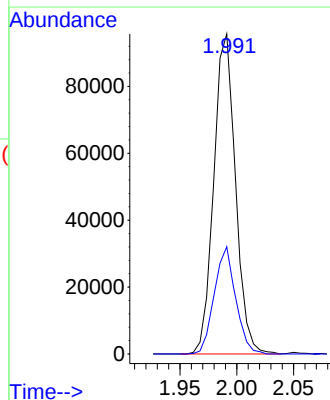
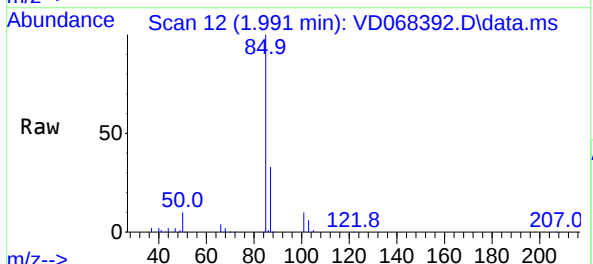
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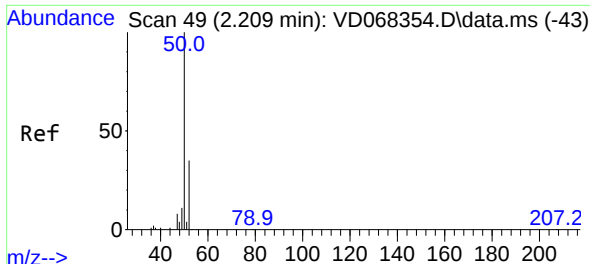
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#2
Dichlorodifluoromethane
Concen: 42.37 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

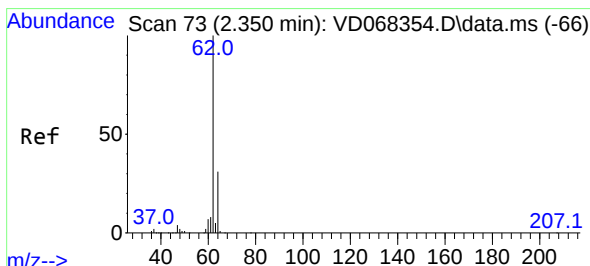
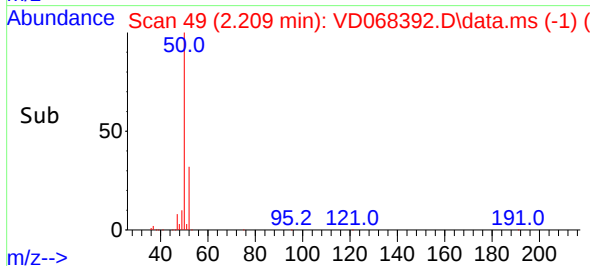
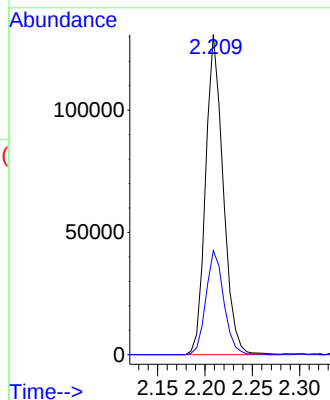
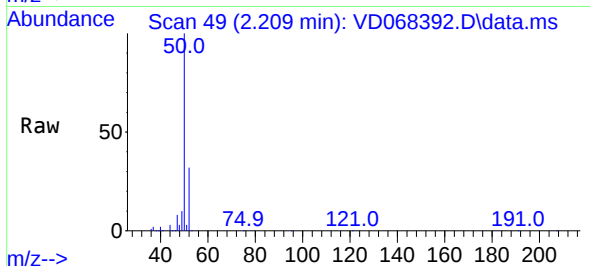
Tgt Ion: 85 Resp: 127307
Ion Ratio Lower Upper
85 100
87 33.5 15.4 46.1





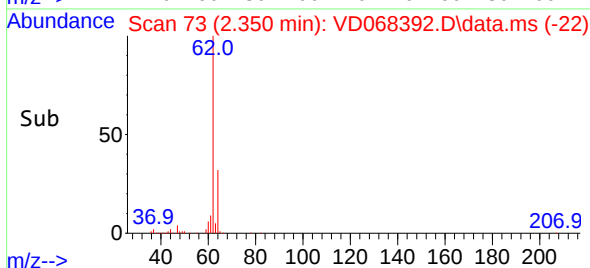
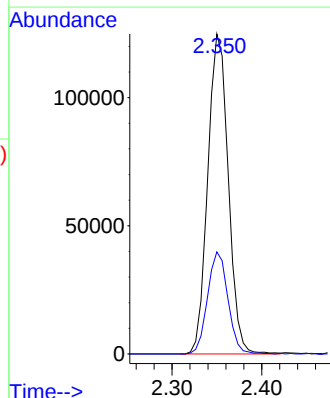
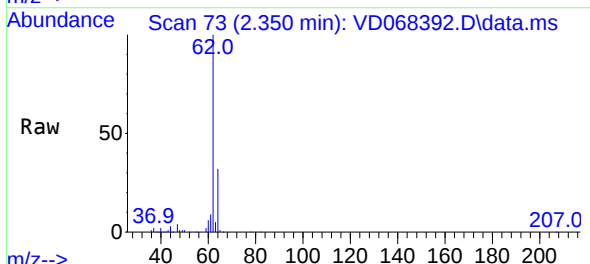
#3
Chloromethane
Concen: 47.24 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 50 Resp: 168980
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 46.23 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

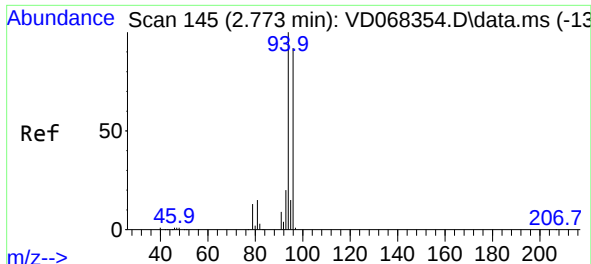
Tgt Ion: 62 Resp: 197965
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2



Instrument :
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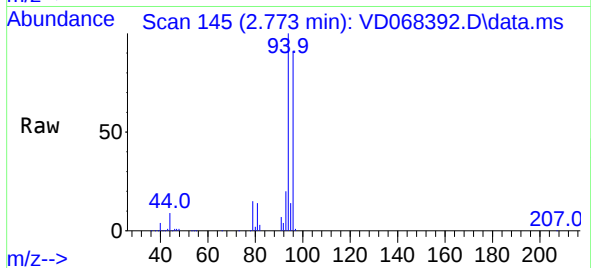
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#5
Bromomethane
Concen: 49.03 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

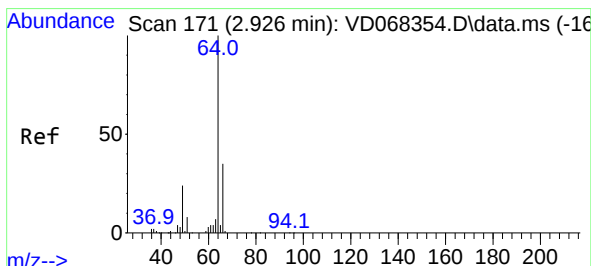
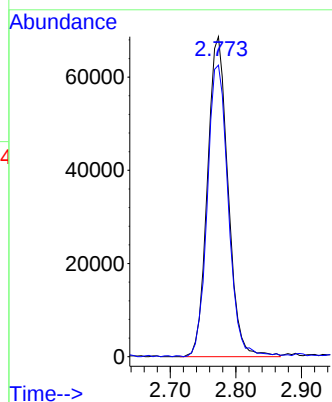
Instrument :
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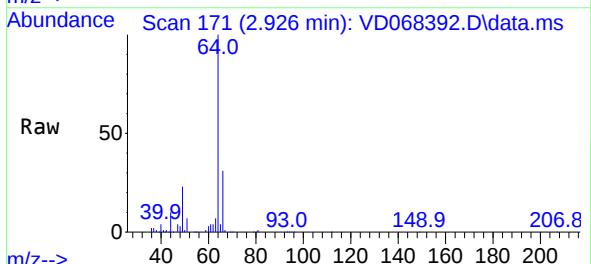
Tgt Ion: 94 Resp: 150057
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.8

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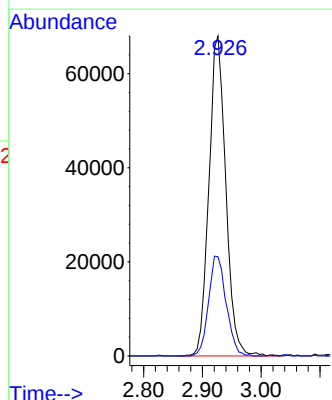
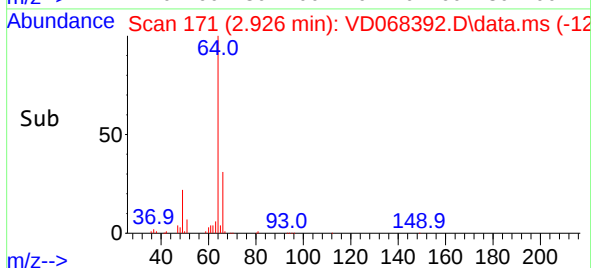
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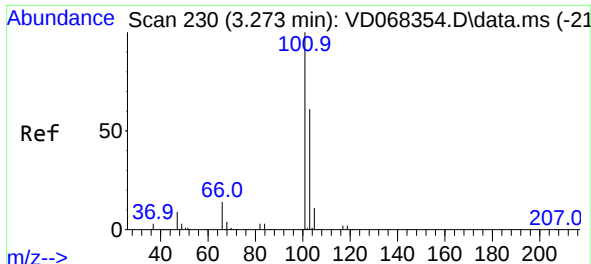


#6
Chloroethane
Concen: 48.37 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 64 Resp: 135280
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





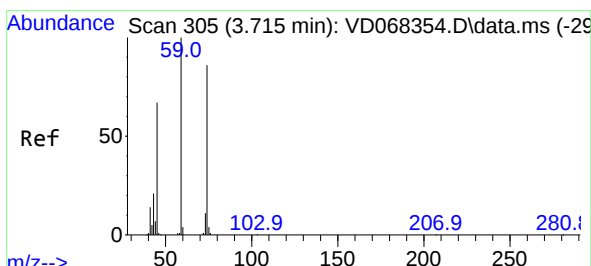
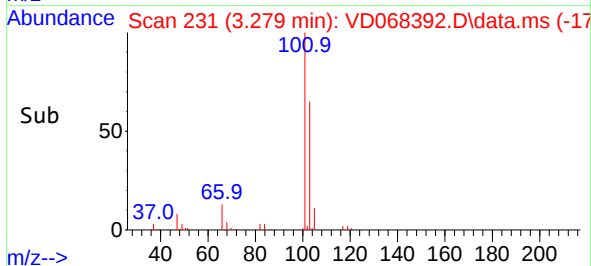
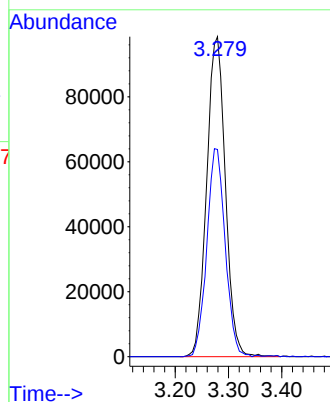
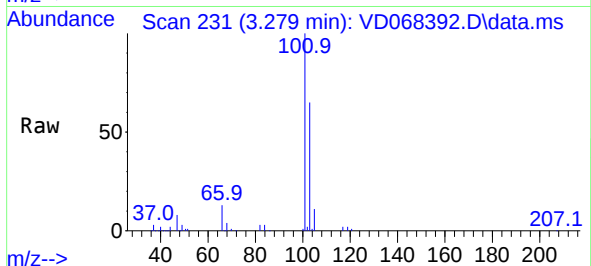
#7
Trichlorofluoromethane
Concen: 45.57 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:101 Resp: 240186
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

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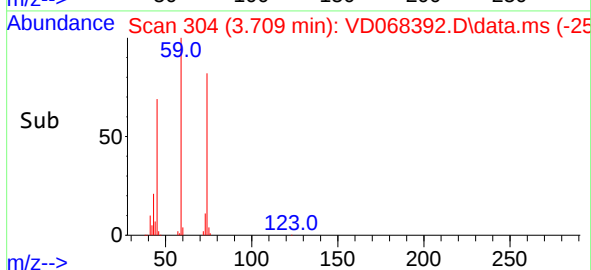
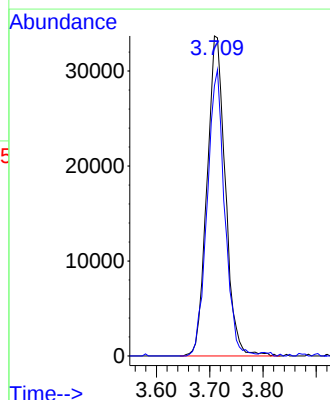
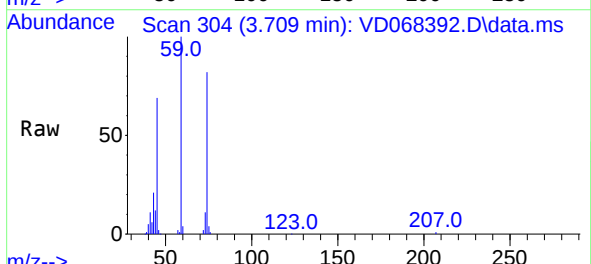
Manual Integrations
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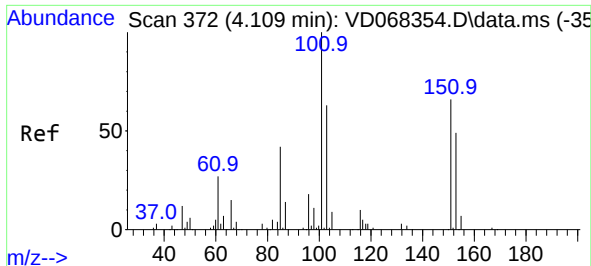
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2/18/2021 2:56:40 PM



#8
Diethyl Ether
Concen: 52.17 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 74 Resp: 80752
Ion Ratio Lower Upper
74 100
45 85.2 42.1 126.4





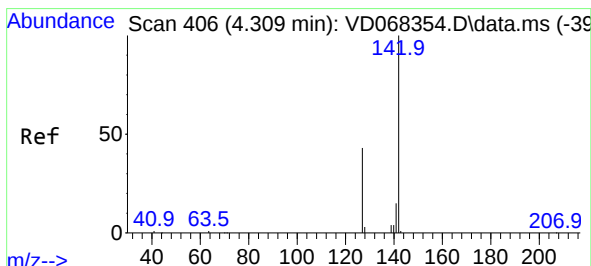
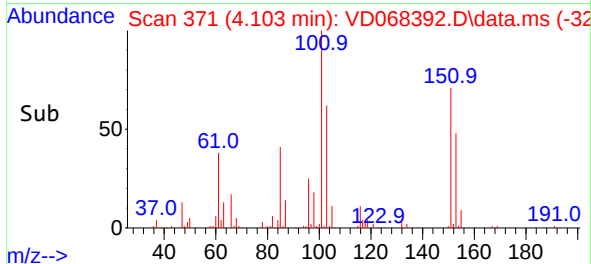
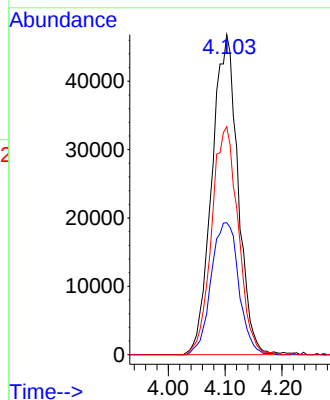
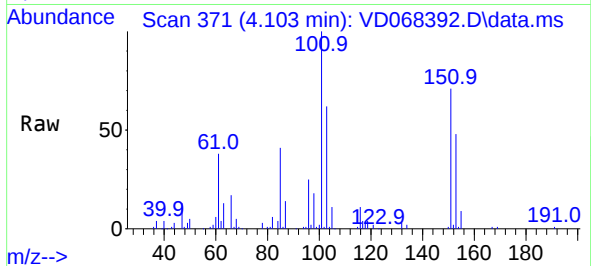
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.57 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.006 min
Lab File: VD068392.D
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Tgt Ion:101 Resp: 149361
Ion Ratio Lower Upper
101 100
85 43.7 34.0 51.0
151 72.3 64.1 96.1

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ClientSampleId :
VSTDCCC050EC

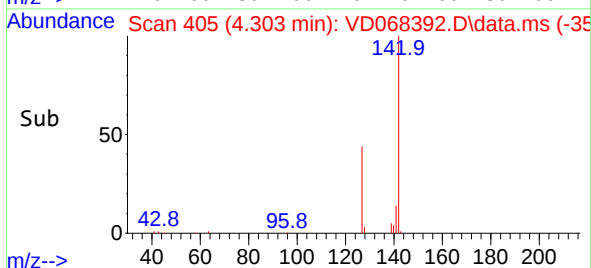
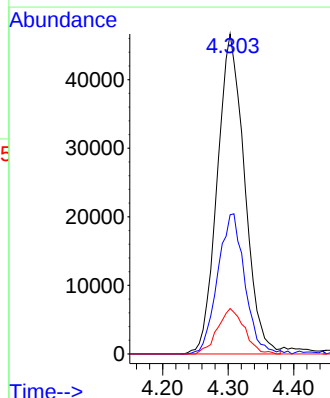
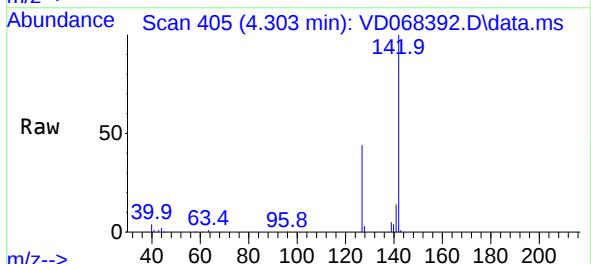
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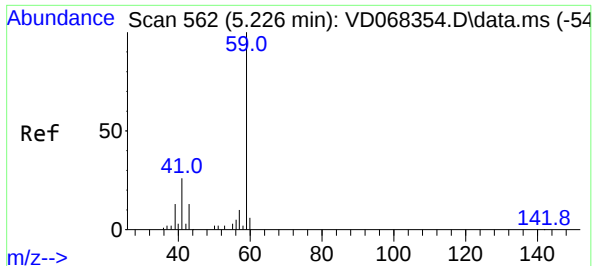
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#10
Methyl Iodide
Concen: 44.65 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

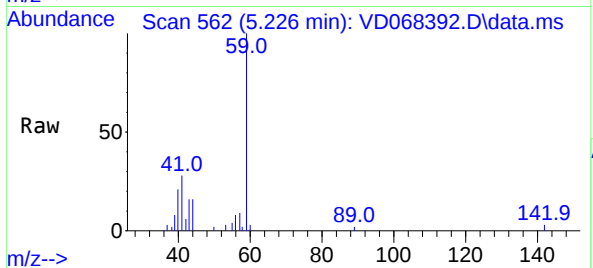
Tgt Ion:142 Resp: 134488
Ion Ratio Lower Upper
142 100
127 43.7 37.9 56.9
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 262.82 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

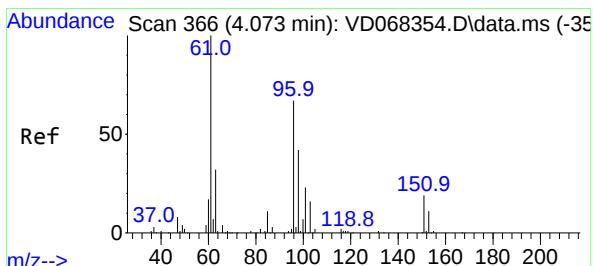
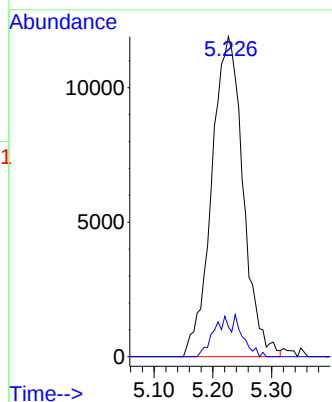
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



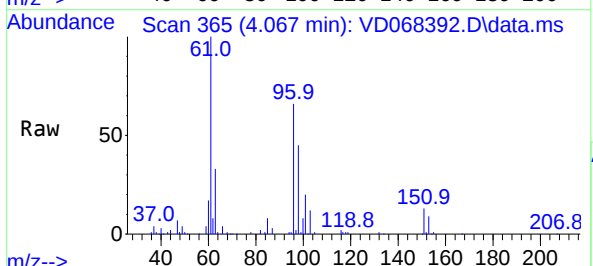
Tgt Ion: 59 Resp: 44166
Ion Ratio Lower Upper
59 100
57 6.8 7.4 11.2#

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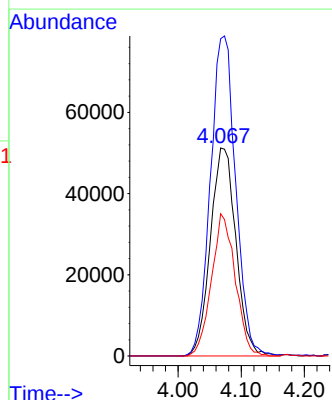
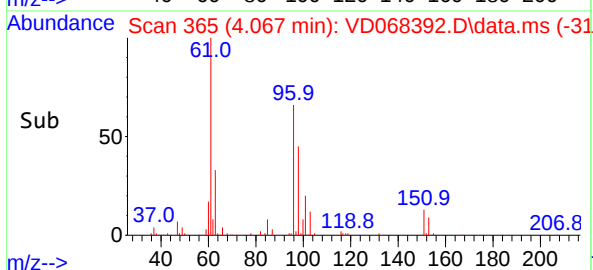
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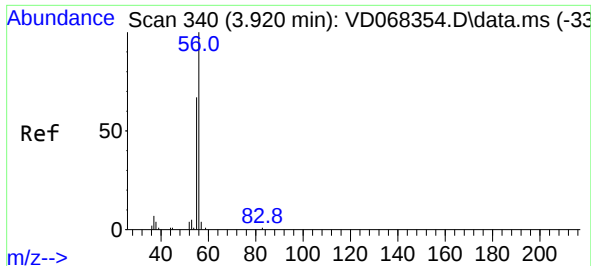


#12
1,1-Dichloroethene
Concen: 46.18 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

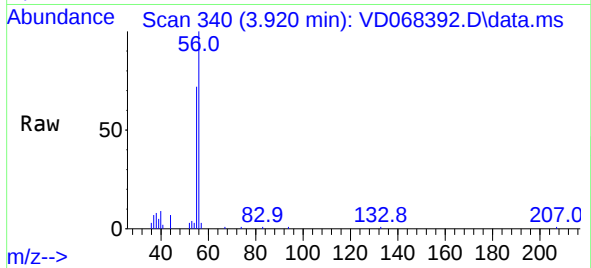


Tgt Ion: 96 Resp: 144014
Ion Ratio Lower Upper
96 100
61 152.5 116.2 174.4
98 68.3 48.6 73.0

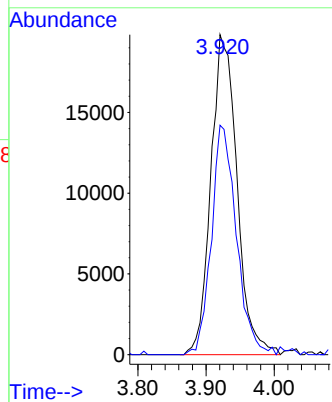
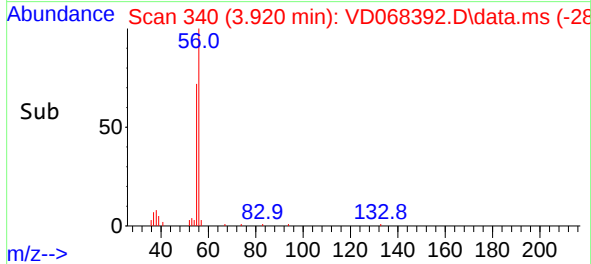




#13
Acrolein
Concen: 274.98 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



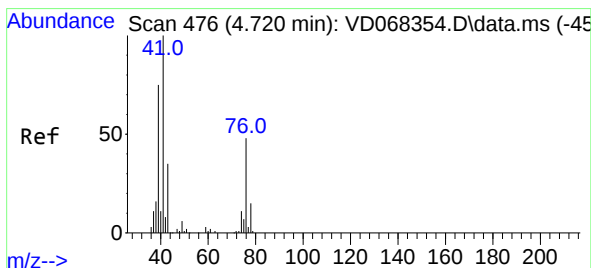
Tgt Ion: 56 Resp: 52840
Ion Ratio Lower Upper
56 100
55 68.6 56.5 84.7



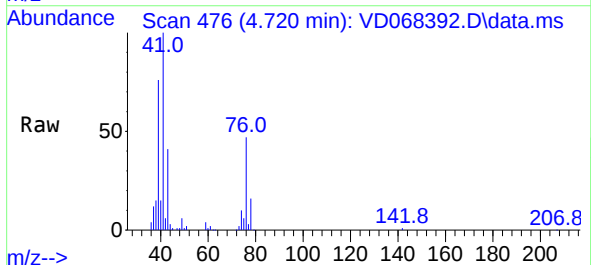
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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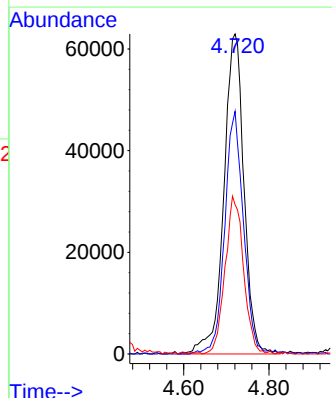
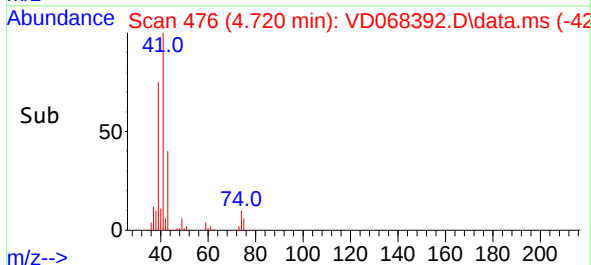
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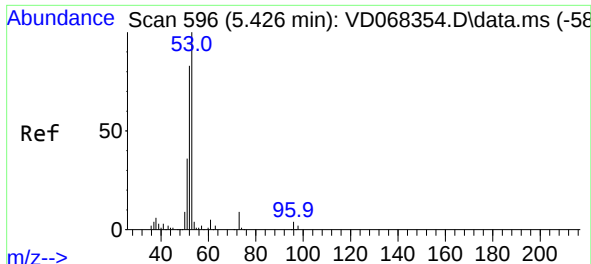


#14
Allyl chloride
Concen: 51.07 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

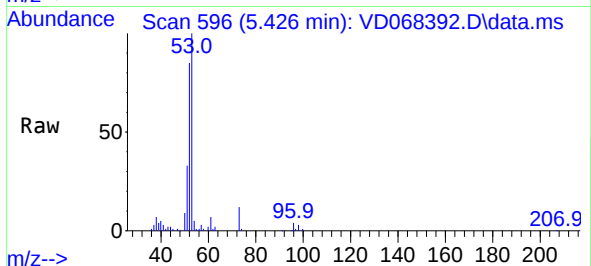


Tgt Ion: 41 Resp: 207044
Ion Ratio Lower Upper
41 100
39 70.9 56.3 84.5
76 45.3 38.9 58.3

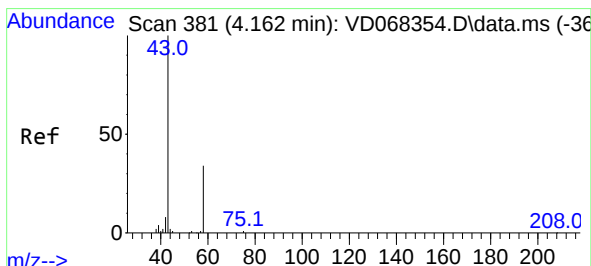
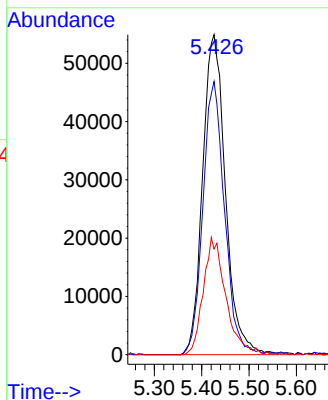
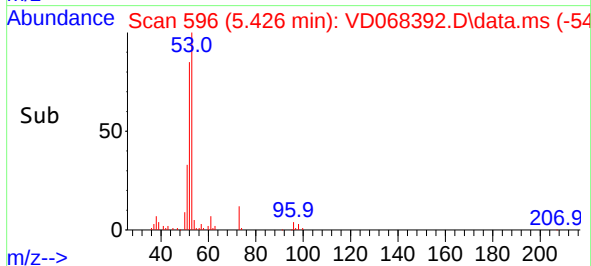




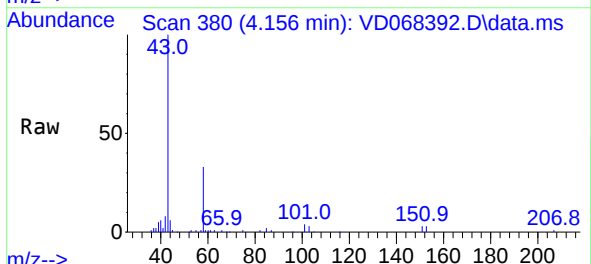
#15
Acrylonitrile
Concen: 274.57 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



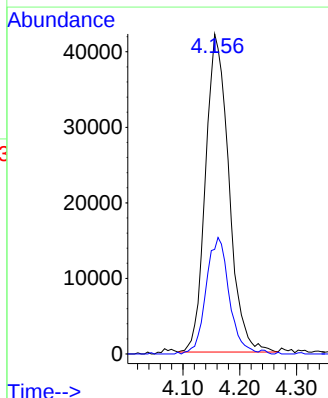
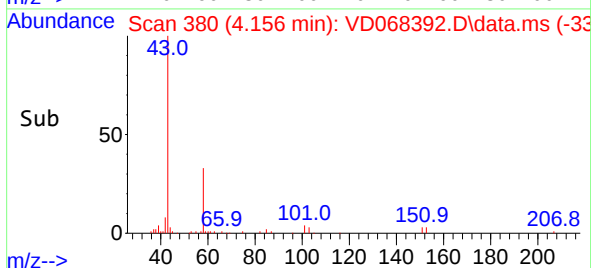
Tgt Ion: 53 Resp: 183432
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.2
51 36.2 29.0 43.4



#16
Acetone
Concen: 232.89 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



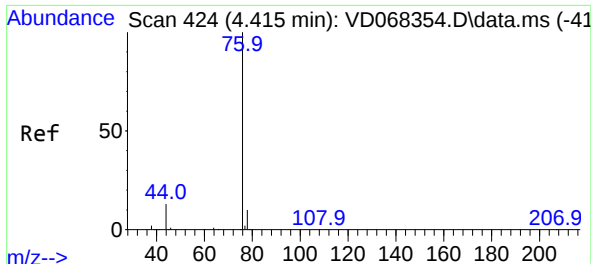
Tgt Ion: 43 Resp: 120436
Ion Ratio Lower Upper
43 100
58 32.3 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

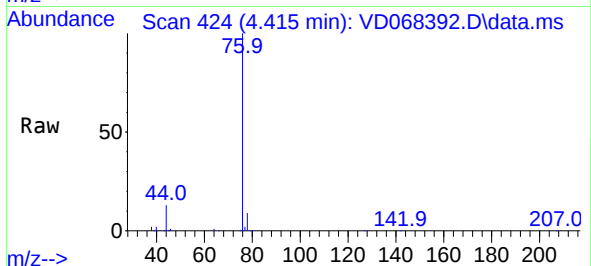
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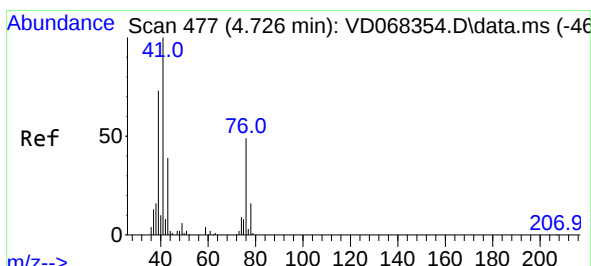
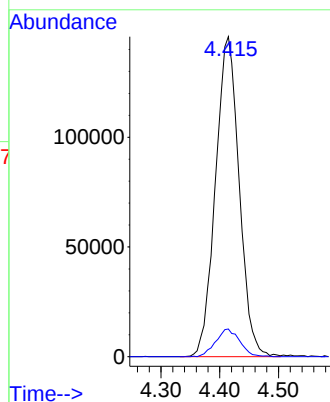
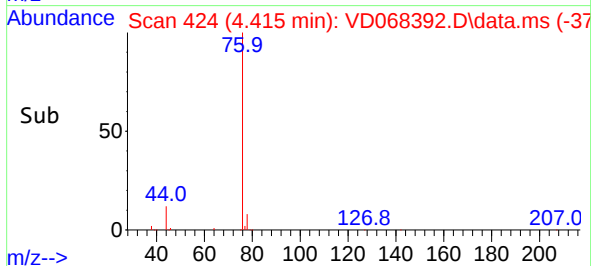


#17
Carbon Disulfide
Concen: 45.18 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

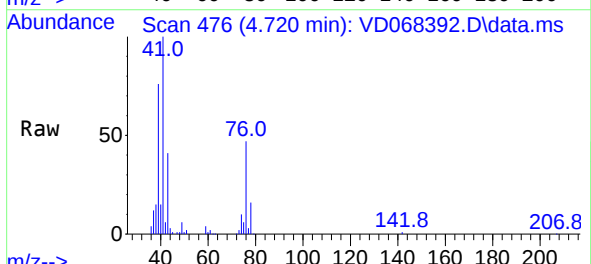
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



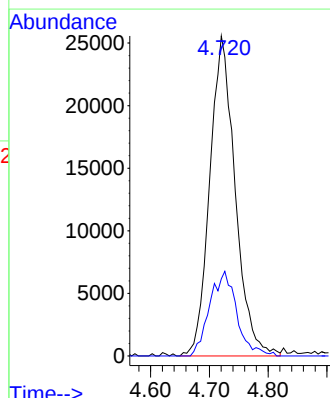
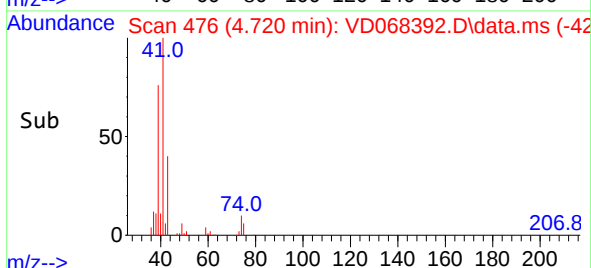
Tgt Ion: 76 Resp: 408016
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

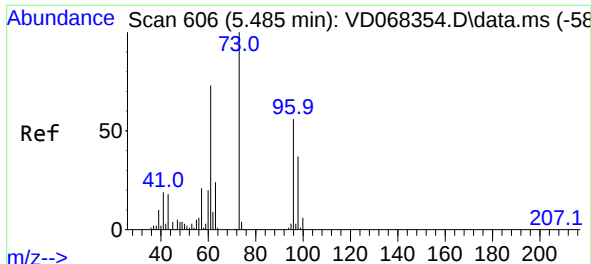


#18
Methyl Acetate
Concen: 54.24 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



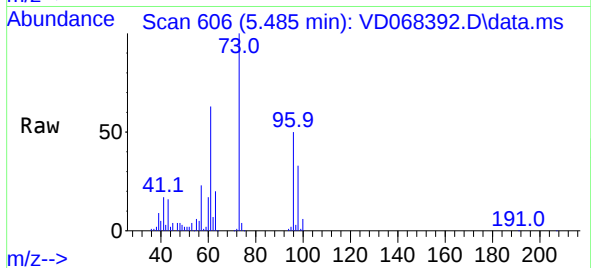
Tgt Ion: 43 Resp: 76976
Ion Ratio Lower Upper
43 100
74 28.2 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 53.44 ug/l
RT: 5.485 min Scan# 606
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

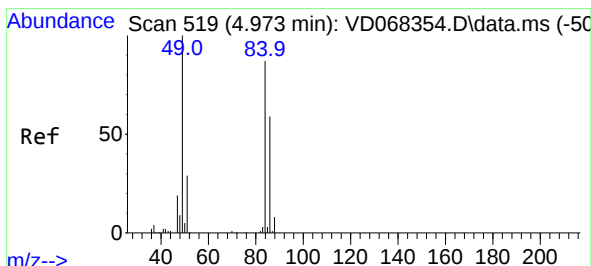
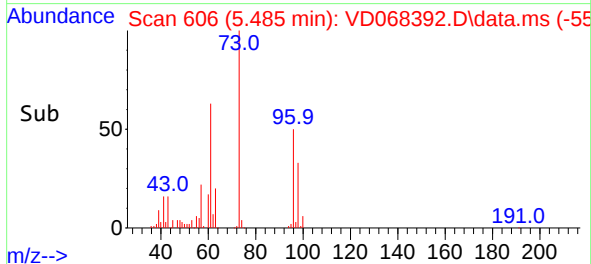
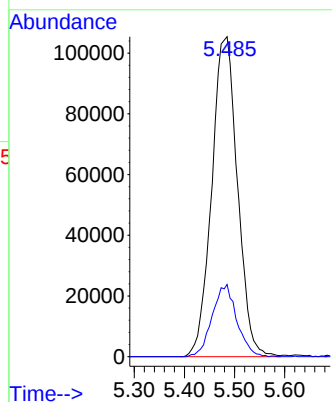
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



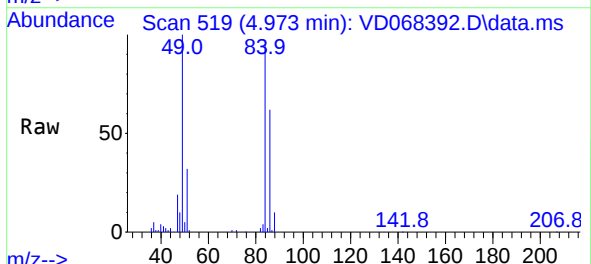
Tgt Ion: 73 Resp: 375998
Ion Ratio Lower Upper
73 100
57 22.6 14.4 21.6#

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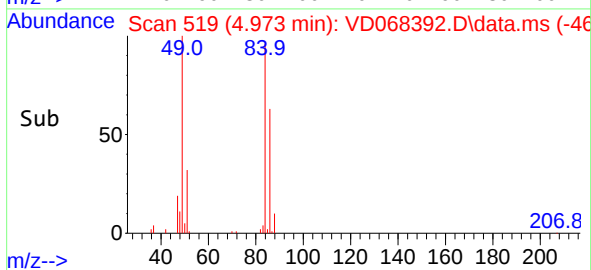
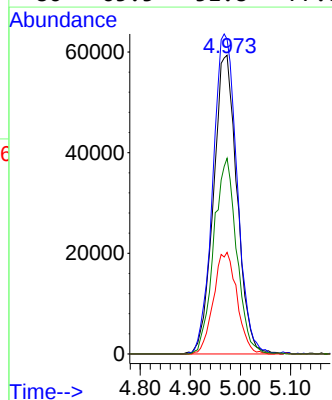
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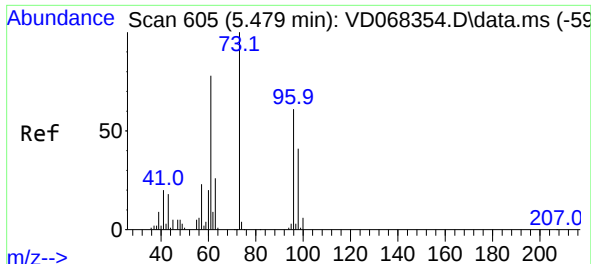


#20
Methylene Chloride
Concen: 54.08 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



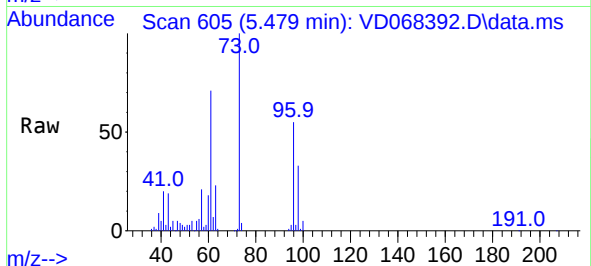
Tgt Ion: 84 Resp: 193458
Ion Ratio Lower Upper
84 100
49 105.4 77.4 116.2
51 34.0 26.1 39.1
86 65.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 48.85 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

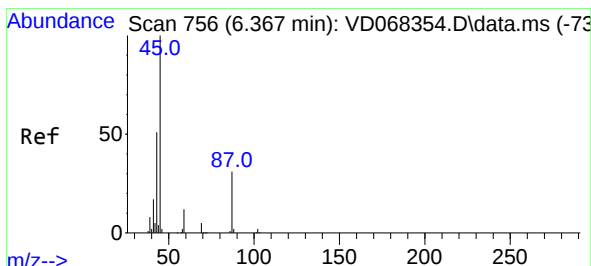
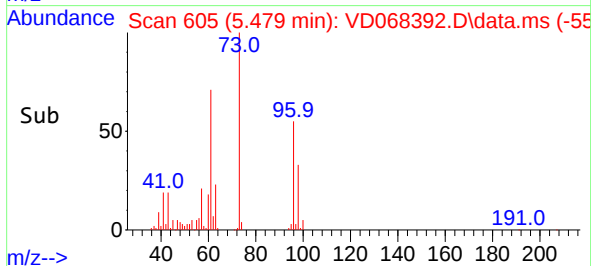
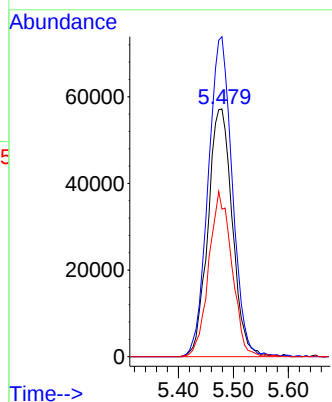
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



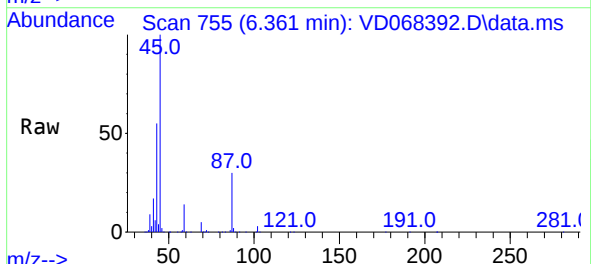
Tgt Ion: 96 Resp: 176293
Ion Ratio Lower Upper
96 100
61 129.2 96.7 145.1
98 59.6 47.6 71.4

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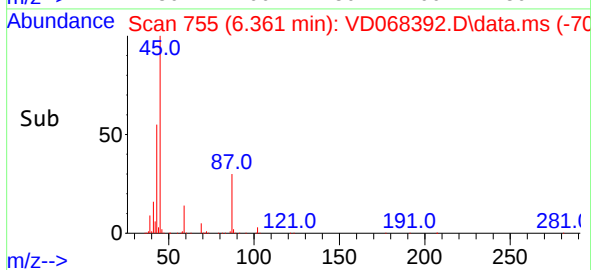
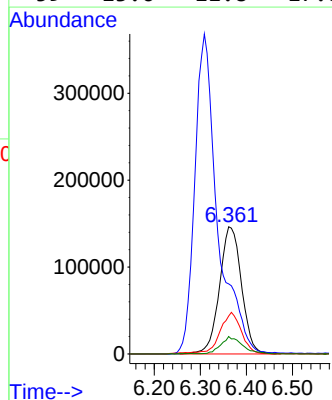
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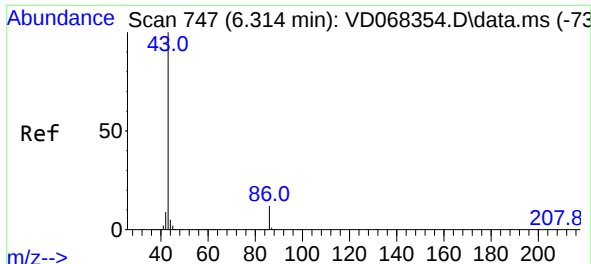


#22
Diisopropyl ether
Concen: 53.98 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 45 Resp: 484319
Ion Ratio Lower Upper
45 100
43 54.3 43.9 65.9
87 29.7 29.9 44.9#
59 13.6 11.8 17.8





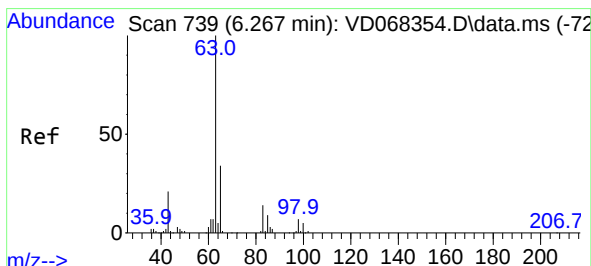
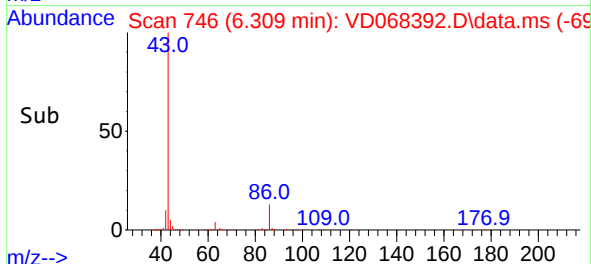
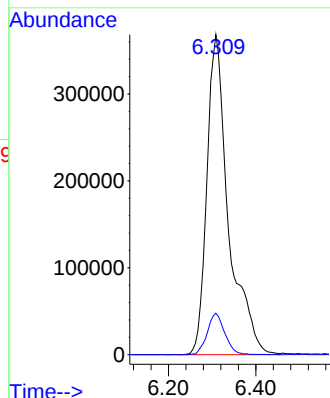
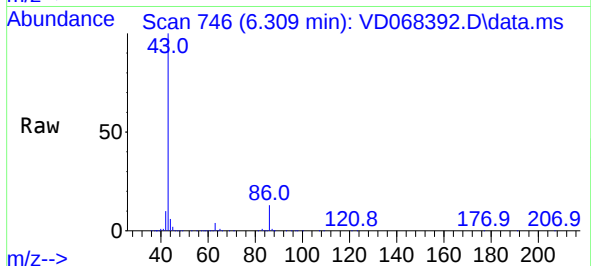
#23
 Vinyl Acetate
 Concen: 273.74 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068392.D
 Acq: 17 Feb 2021 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1268123
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.8 16.2

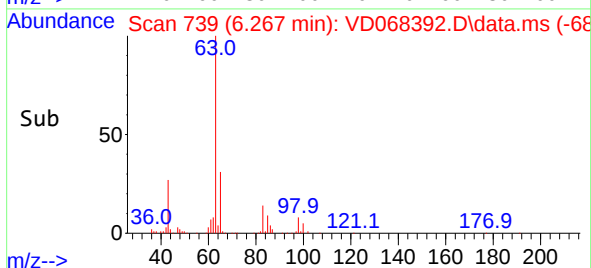
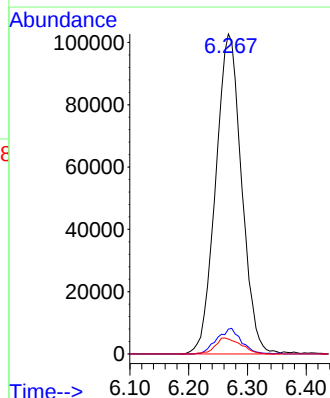
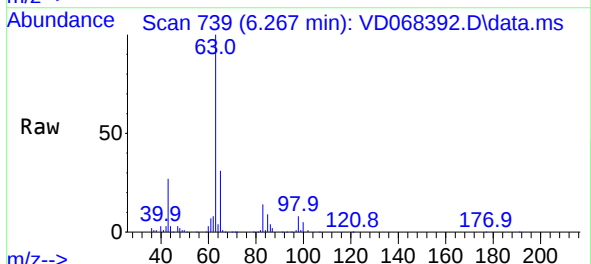
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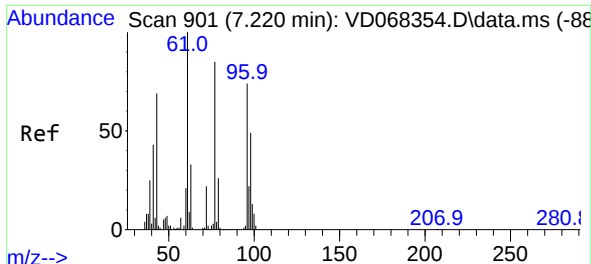
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#24
 1,1-Dichloroethane
 Concen: 51.21 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068392.D
 Acq: 17 Feb 2021 19:24

Tgt Ion: 63 Resp: 314392
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.7 2.6 8.0





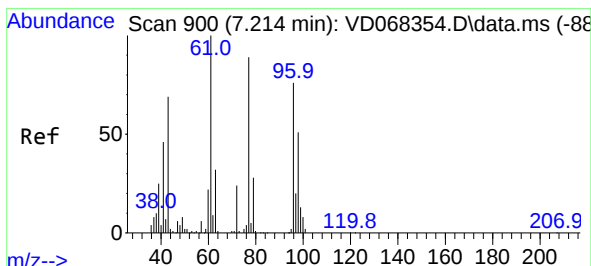
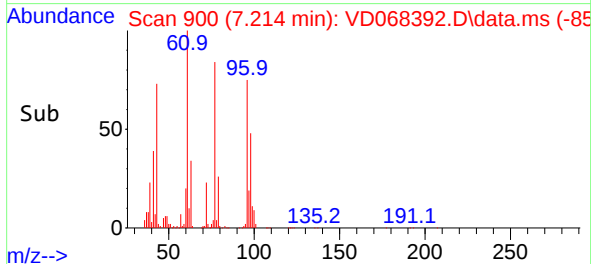
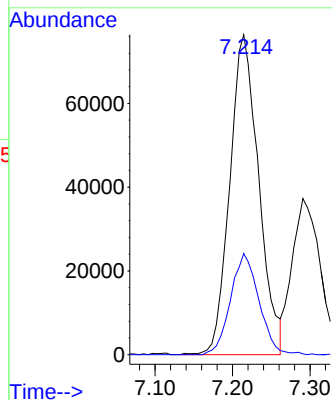
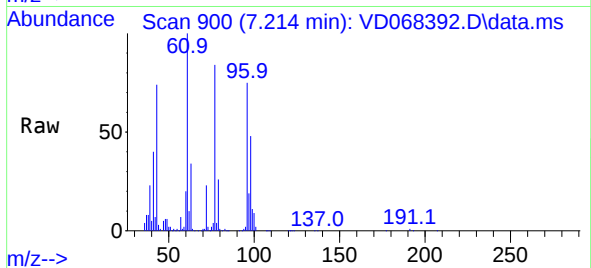
#25
2-Butanone
Concen: 274.83 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 43 Resp: 198714
Ion Ratio Lower Upper
43 100
72 31.6 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

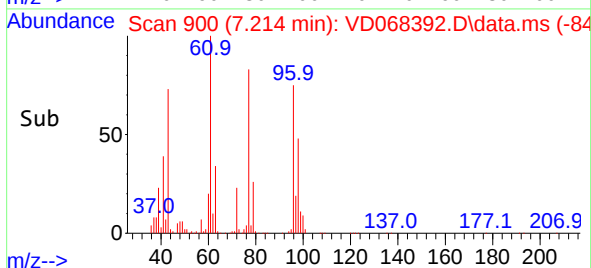
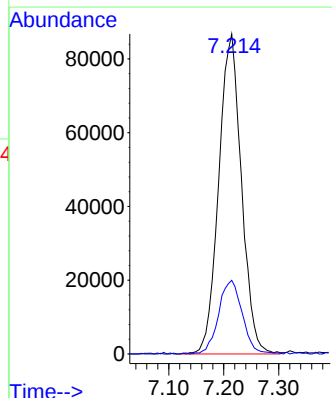
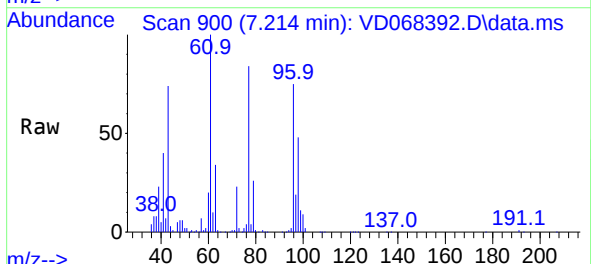
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2/18/2021 2:56:40 PM



#26
2,2-Dichloropropane
Concen: 47.40 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

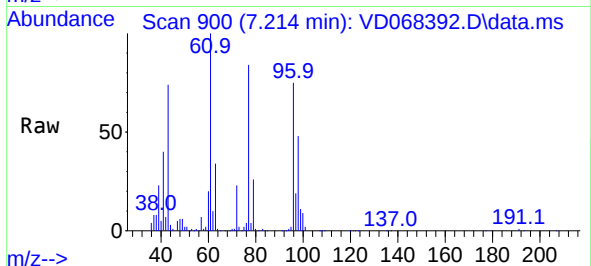
Tgt Ion: 77 Resp: 248916
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 51.49 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

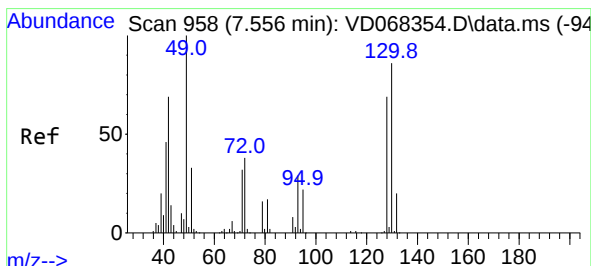
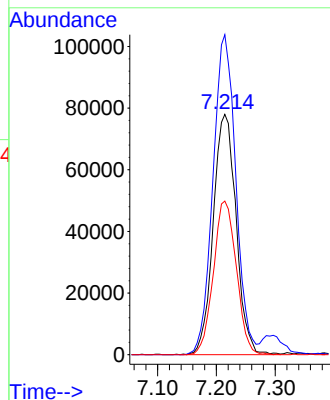
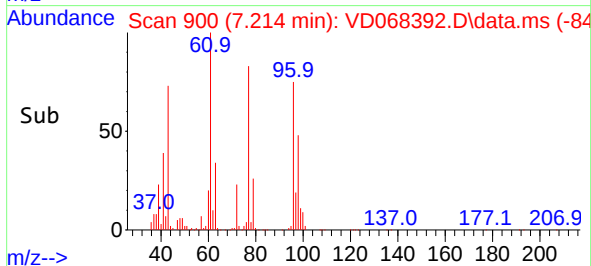
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



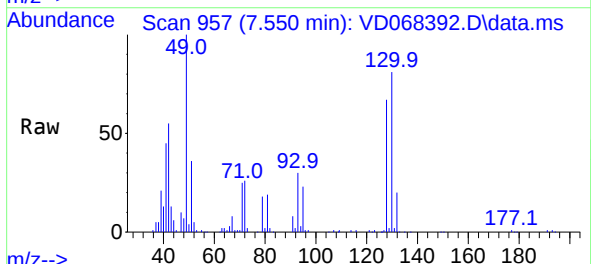
Tgt Ion: 96 Resp: 211244
Ion Ratio Lower Upper
96 100
61 132.4 0.0 257.4
98 64.0 0.0 126.6

Manual Integrations
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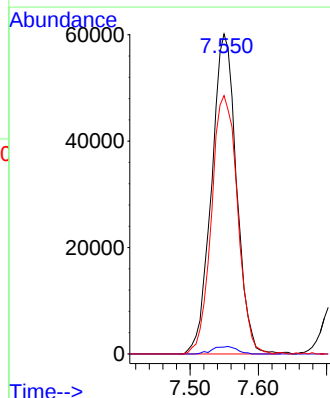
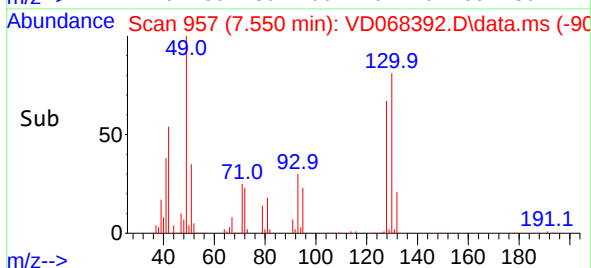
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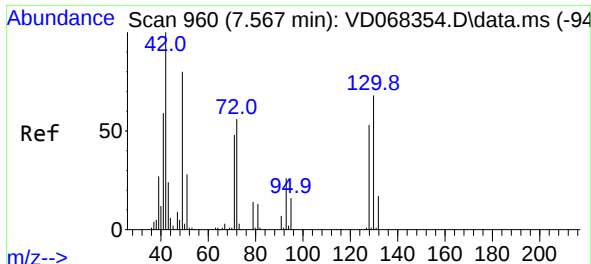


#28
Bromochloromethane
Concen: 60.14 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 49 Resp: 153118
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 84.2 85.5 128.3#





#29
Tetrahydrofuran
Concen: 277.17 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

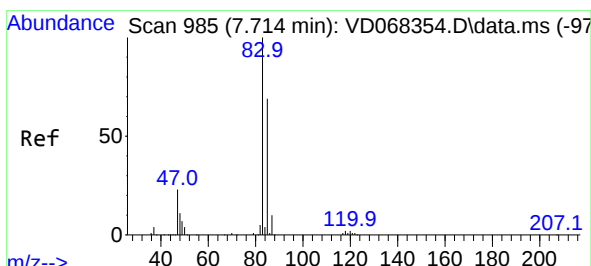
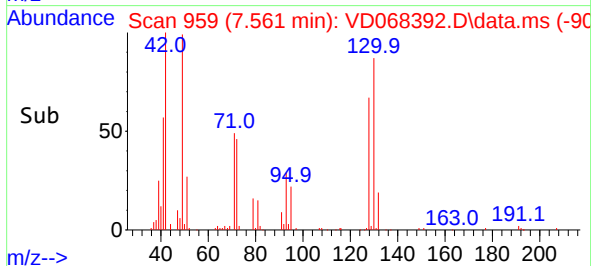
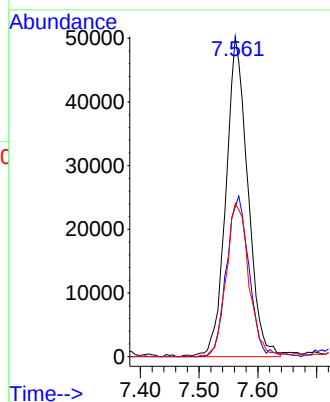
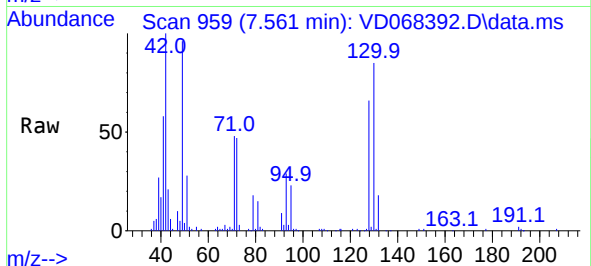
Tgt Ion: 42 Resp: 129634

Ion	Ratio	Lower	Upper
42	100		
72	51.9	43.4	65.0
71	49.9	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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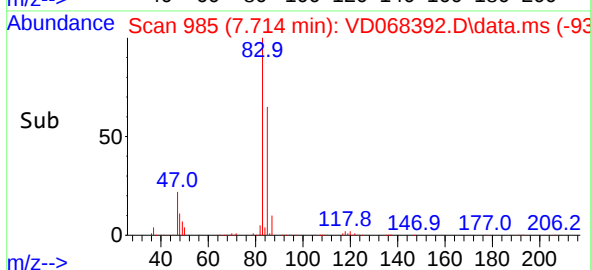
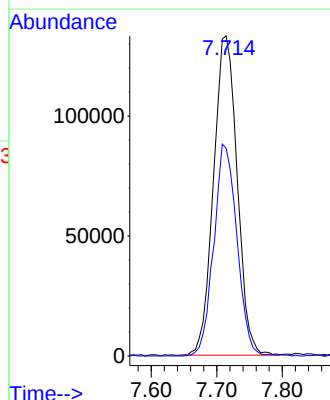
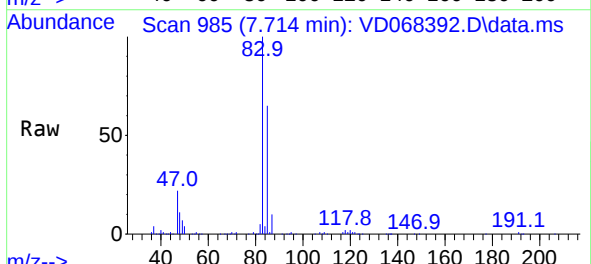
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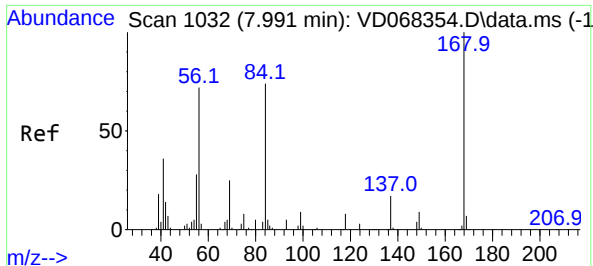


#30
Chloroform
Concen: 52.22 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 83 Resp: 333419

Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.4	80.0





#31

Cyclohexane

Concen: 49.36 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068392.D

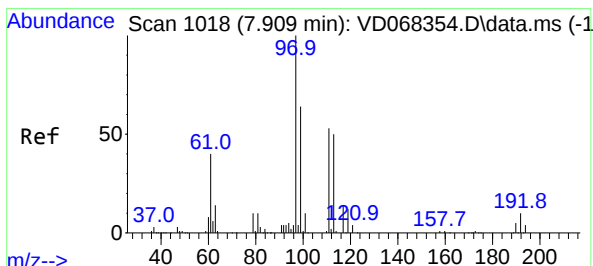
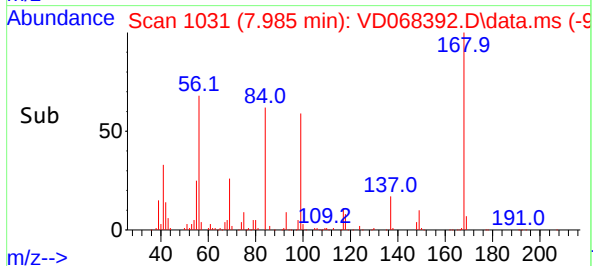
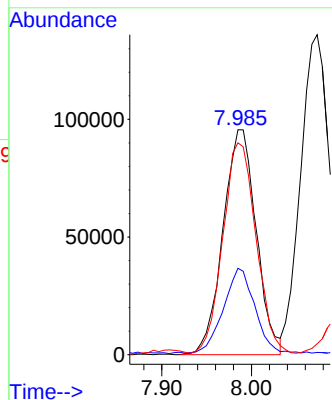
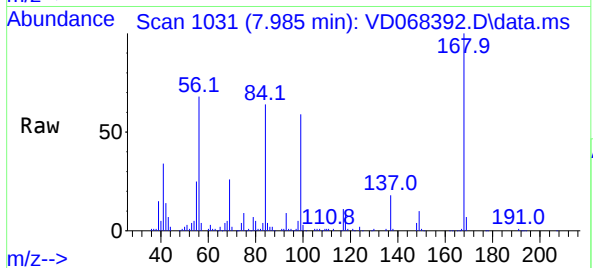
Acq: 17 Feb 2021 19:24

Tgt Ion:	56	Resp:	246291
Ion	Ratio	Lower	Upper
56	100		
69	37.4	30.1	45.1
84	92.6	82.1	123.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.39 ug/l

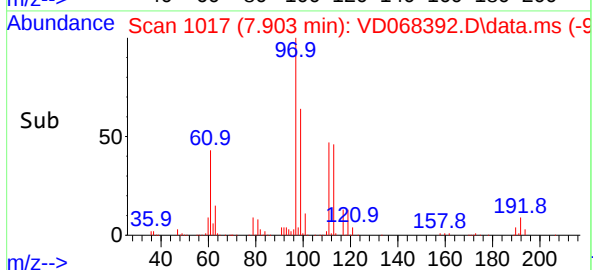
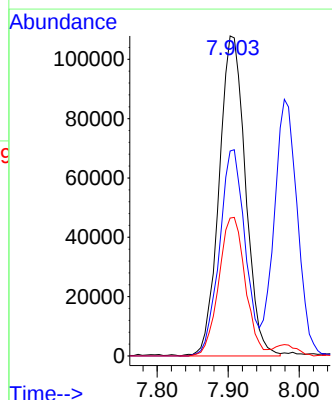
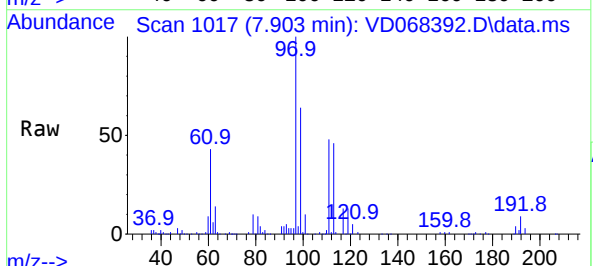
RT: 7.903 min Scan# 1017

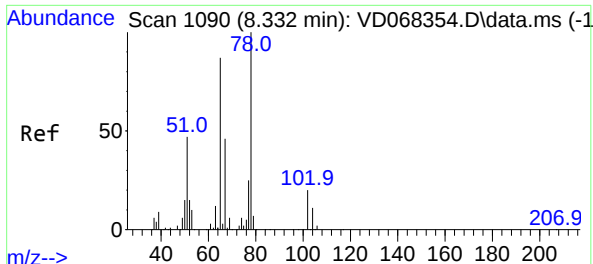
Delta R.T. -0.006 min

Lab File: VD068392.D

Acq: 17 Feb 2021 19:24

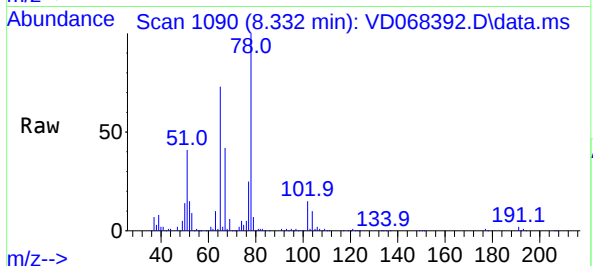
Tgt Ion:	97	Resp:	277991
Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.1	78.1
61	43.6	30.1	45.1





#33
1,2-Dichloroethane-d4
Concen: 57.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

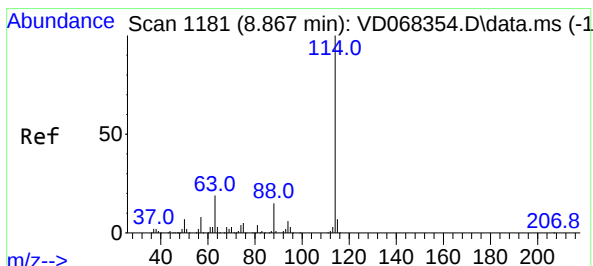
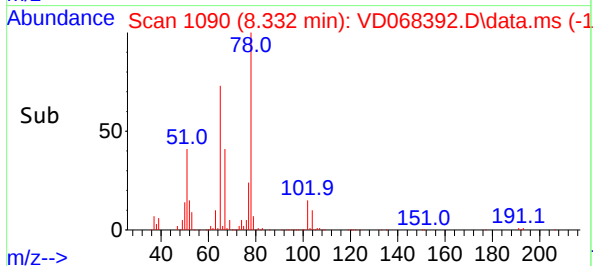
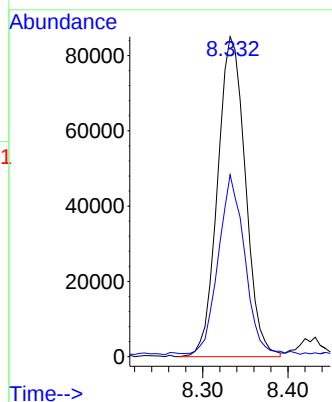
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



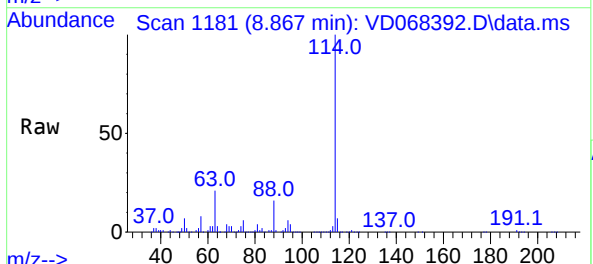
Tgt Ion: 65 Resp: 192796
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

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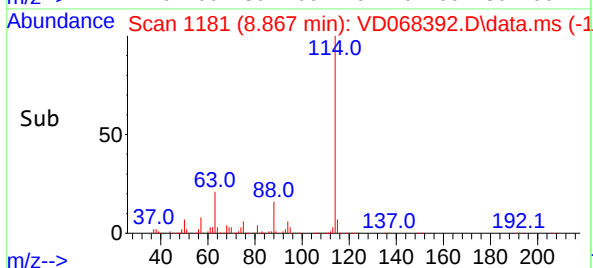
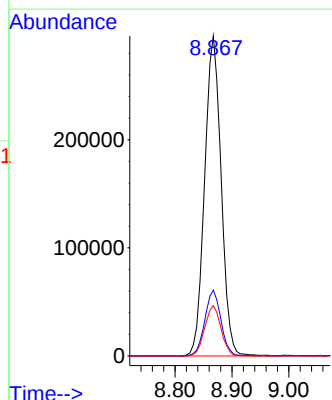
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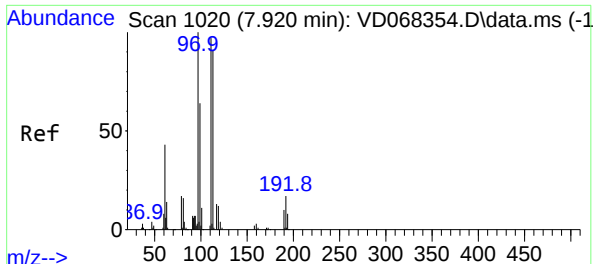


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 114 Resp: 596473
Ion Ratio Lower Upper
114 100
63 20.6 0.0 34.8
88 15.7 0.0 31.6





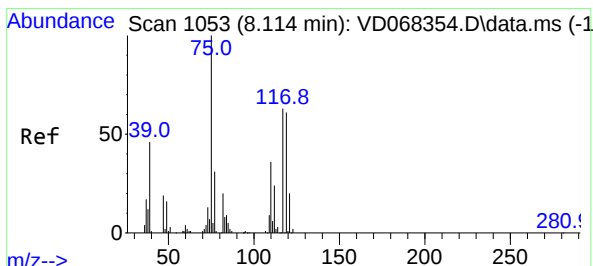
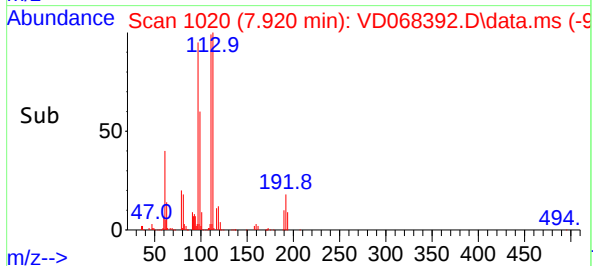
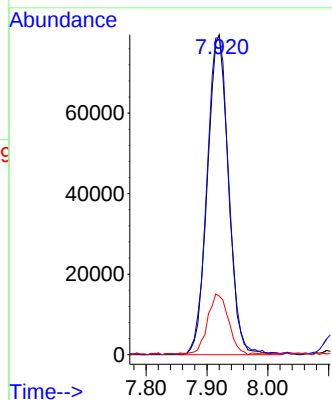
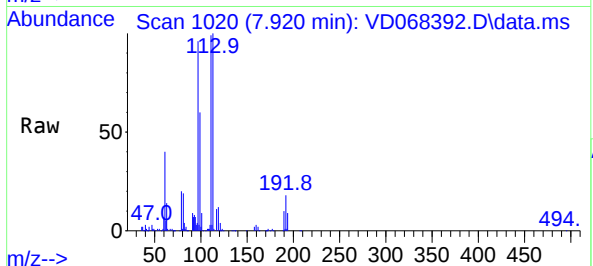
#35
Dibromofluoromethane
Concen: 53.84 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:113 Resp: 190624
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.1 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

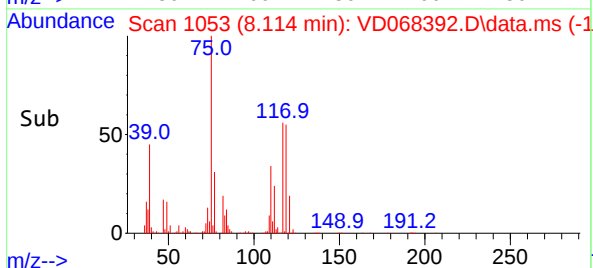
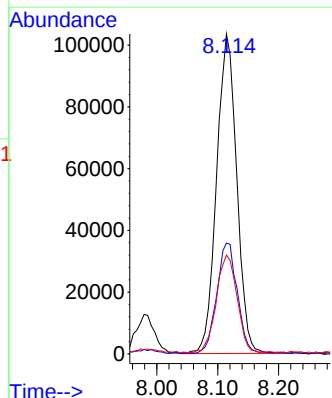
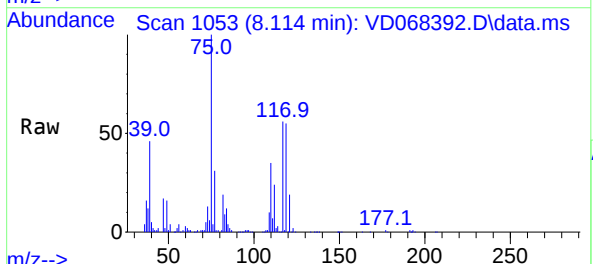
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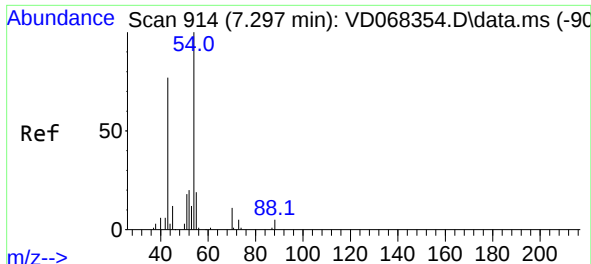
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#36
1,1-Dichloropropene
Concen: 45.07 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 75 Resp: 237806
Ion Ratio Lower Upper
75 100
110 35.1 19.4 58.2
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 54.60 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068392.D

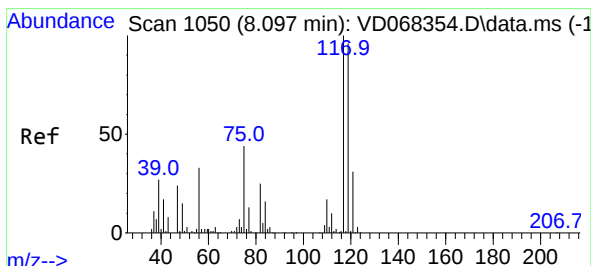
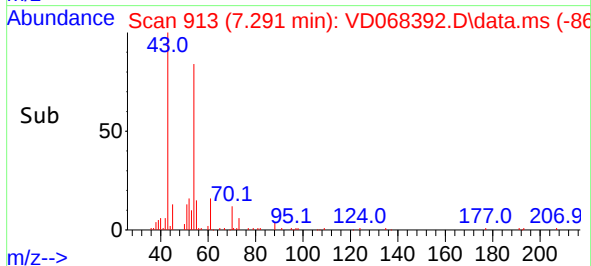
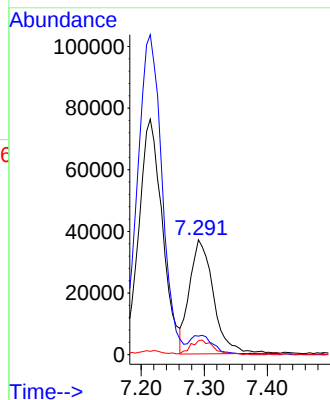
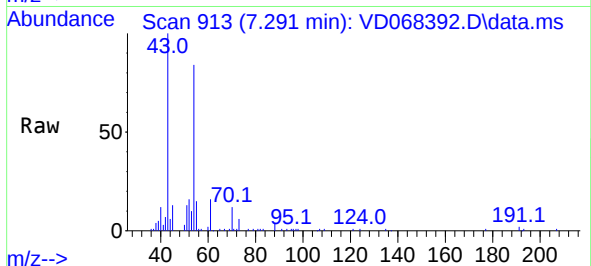
Acq: 17 Feb 2021 19:24

Tgt Ion:	43	Resp:	97357
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.9	19.3
70	12.3	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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2/18/2021 2:56:40 PM



#38

Carbon Tetrachloride

Concen: 45.44 ug/l

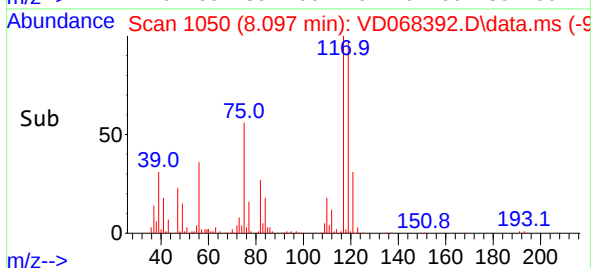
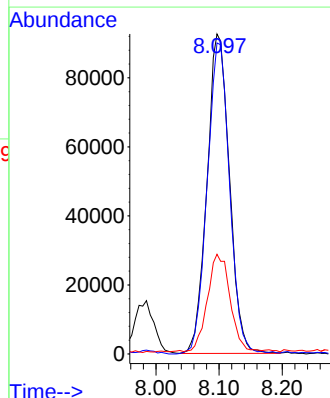
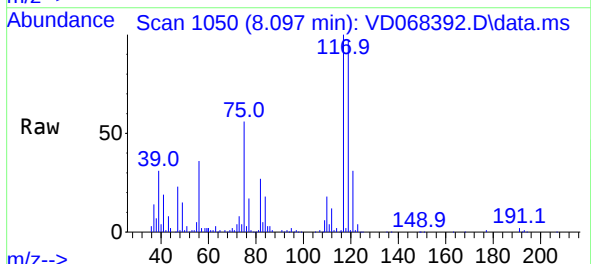
RT: 8.097 min Scan# 1050

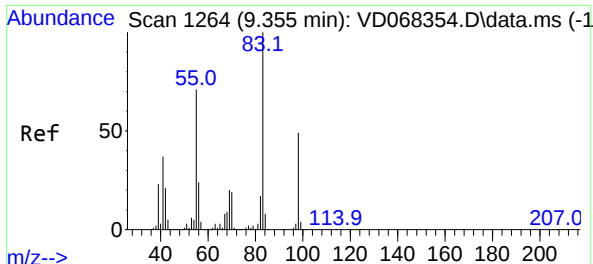
Delta R.T. -0.000 min

Lab File: VD068392.D

Acq: 17 Feb 2021 19:24

Tgt Ion:	117	Resp:	228698
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.3	115.9
121	30.6	24.7	37.1





#39

Methylcyclohexane

Concen: 44.35 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068392.D

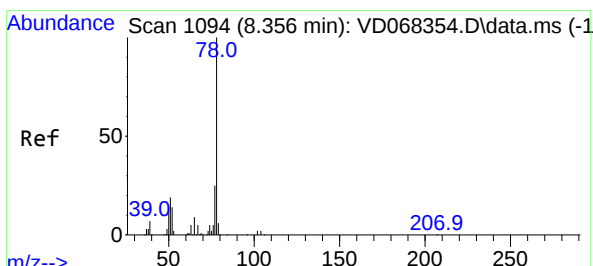
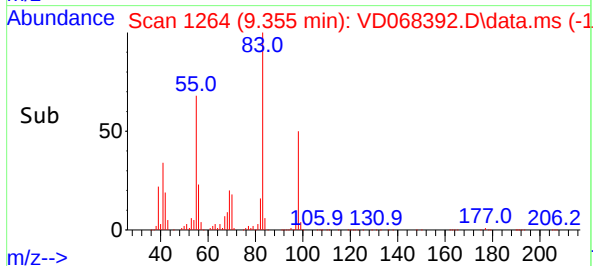
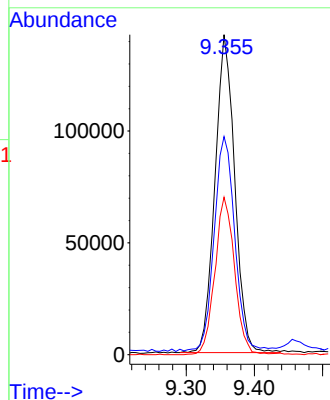
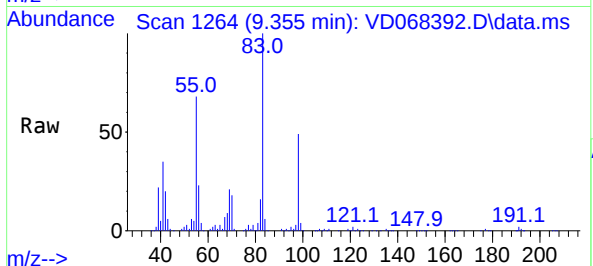
Acq: 17 Feb 2021 19:24

Tgt Ion:	83	Resp:	287057
Ion	Ratio	Lower	Upper
83	100		
55	66.9	55.2	82.8
98	49.5	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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2/18/2021 2:56:40 PM



#40

Benzene

Concen: 48.27 ug/l

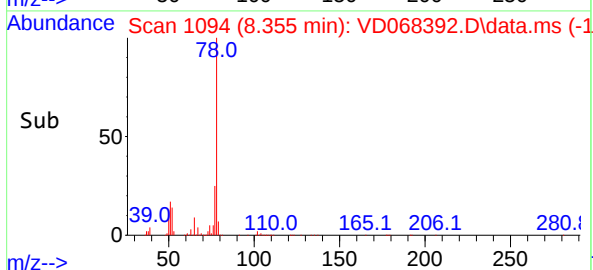
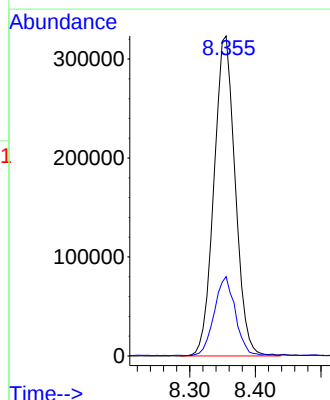
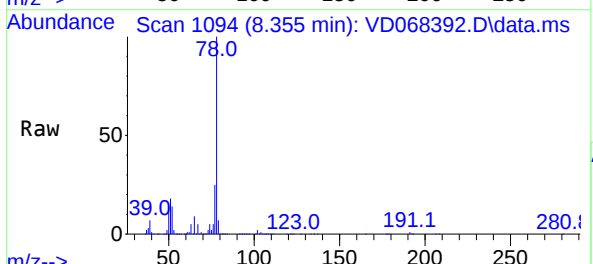
RT: 8.355 min Scan# 1094

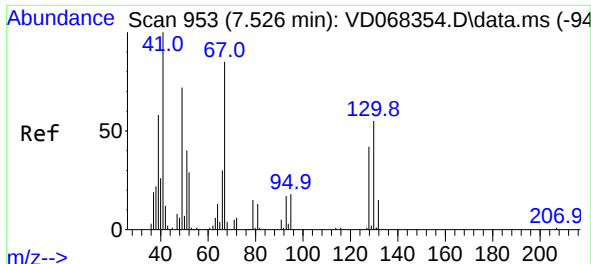
Delta R.T. -0.000 min

Lab File: VD068392.D

Acq: 17 Feb 2021 19:24

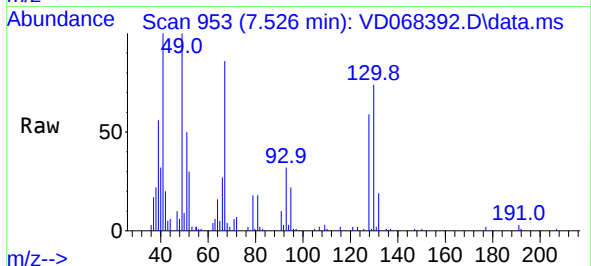
Tgt Ion:	78	Resp:	726456
Ion	Ratio	Lower	Upper
78	100		
77	24.6	17.8	26.6





#41
Methacrylonitrile
Concen: 42.29 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

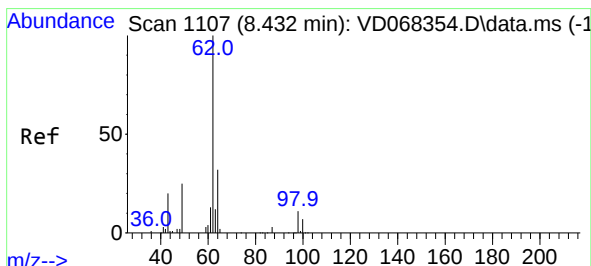
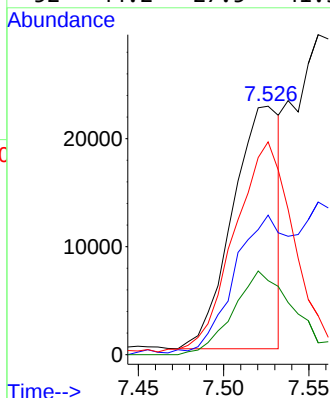
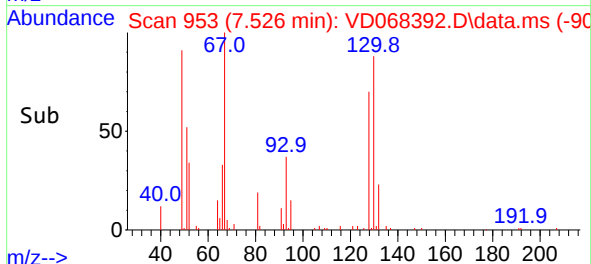
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



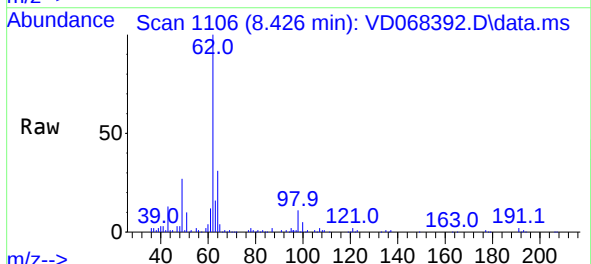
Tgt Ion: 41 Resp: 43403
Ion Ratio Lower Upper
41 100
39 62.7 45.2 67.8
67 111.2 67.4 101.2#
52 44.2 27.5 41.3#

Manual Integrations
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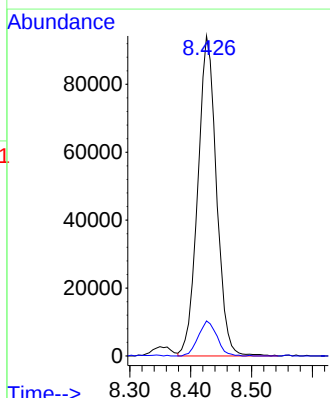
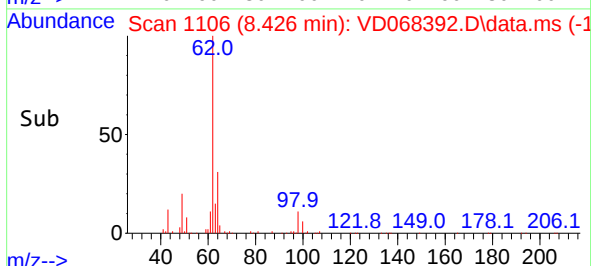
SAM
2/18/2021 2:56:40 PM

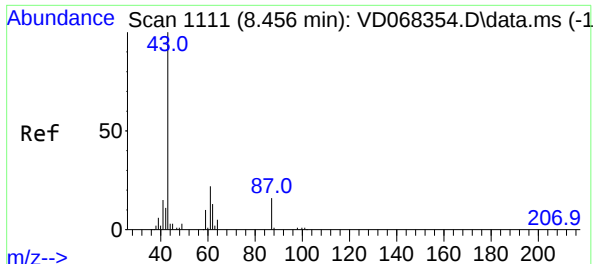


#42
1,2-Dichloroethane
Concen: 50.10 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



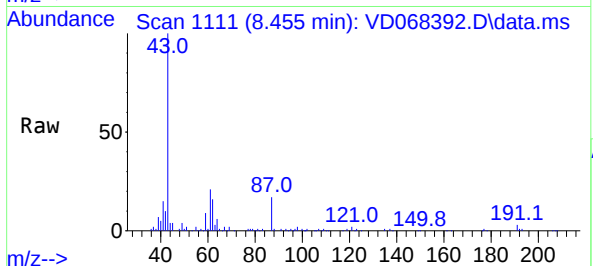
Tgt Ion: 62 Resp: 201156
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 53.56 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

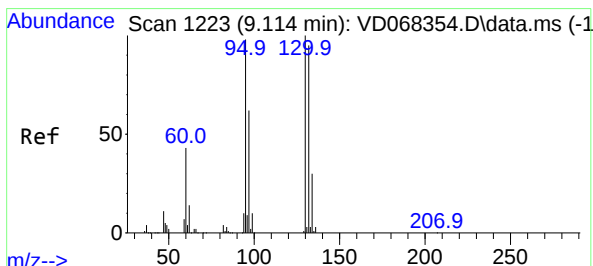
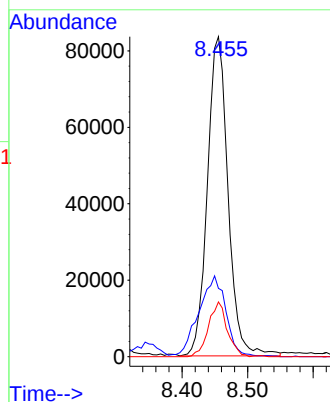
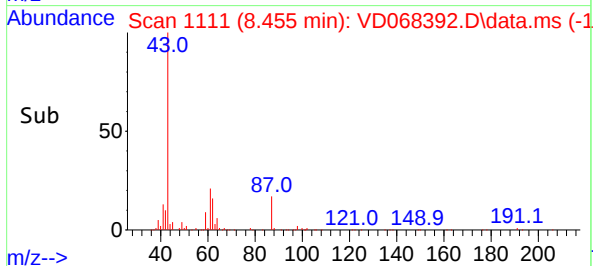
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



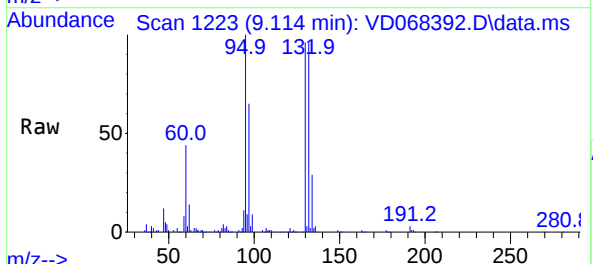
Tgt Ion: 43 Resp: 182882
Ion Ratio Lower Upper
43 100
61 32.5 28.7 43.1
87 15.5 13.9 20.9

Manual Integrations
APPROVED

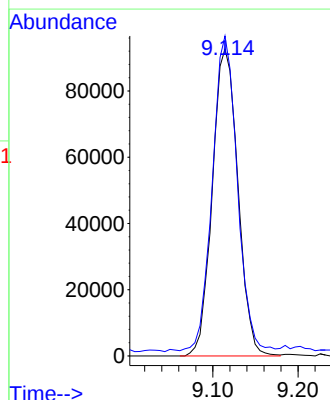
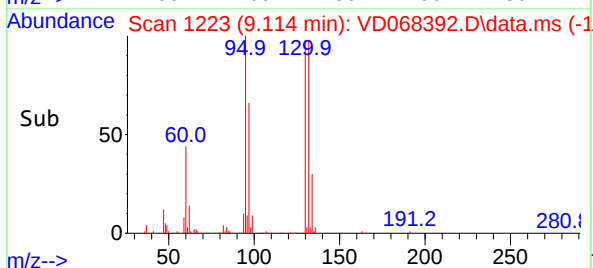
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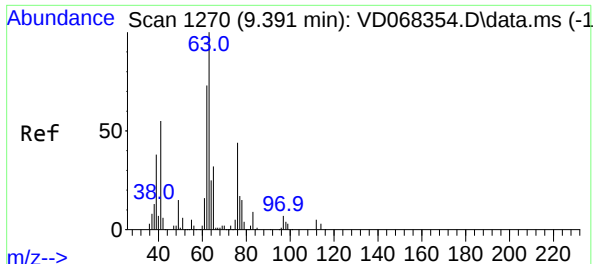


#44
Trichloroethene
Concen: 47.21 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion:130 Resp: 193369
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2





#45

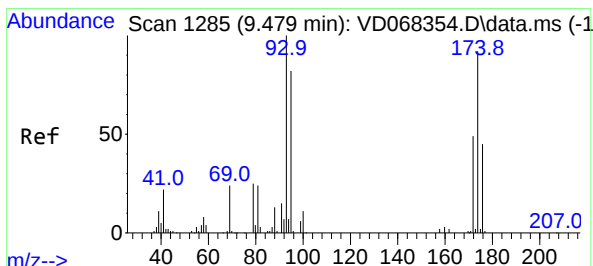
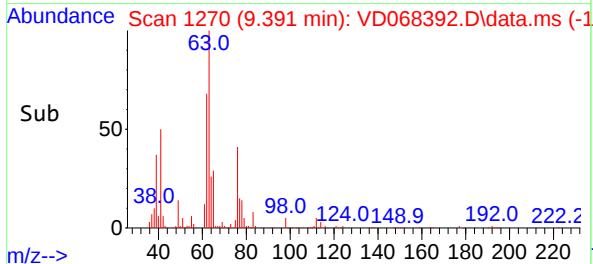
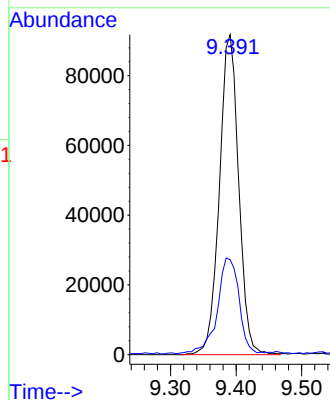
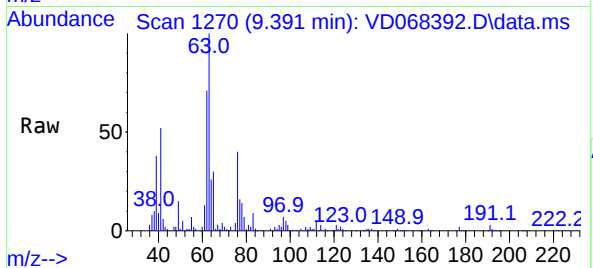
1,2-Dichloropropane
Concen: 50.81 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 63 Resp: 186622
Ion Ratio Lower Upper
63 100
65 29.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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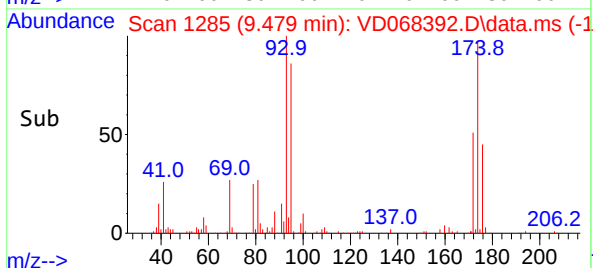
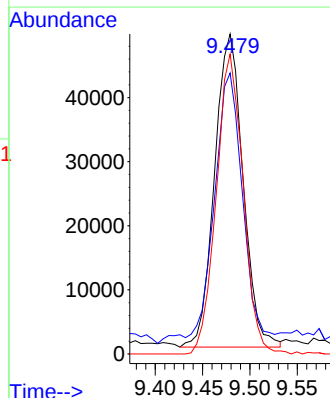
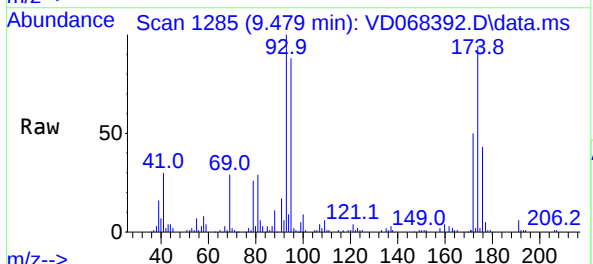
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2/18/2021 2:56:40 PM



#46

Dibromomethane
Concen: 51.19 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

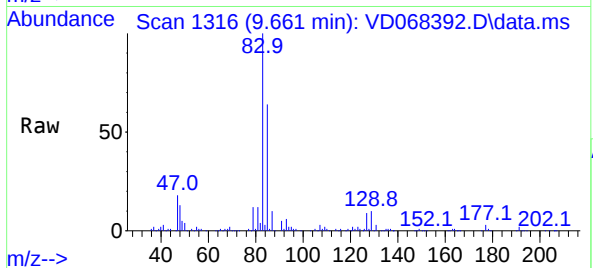
Tgt Ion: 93 Resp: 101993
Ion Ratio Lower Upper
93 100
95 81.2 67.3 100.9
174 90.5 84.6 127.0





#47
Bromodichloromethane
Concen: 50.93 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

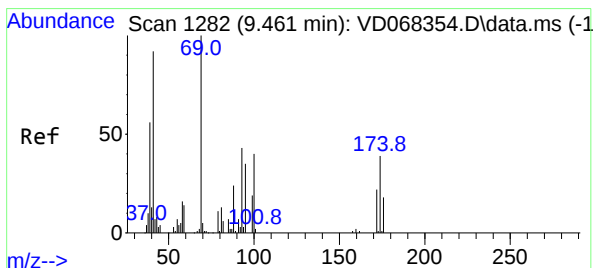
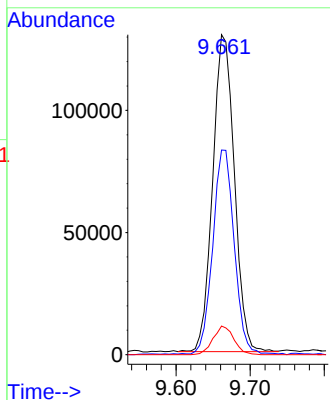
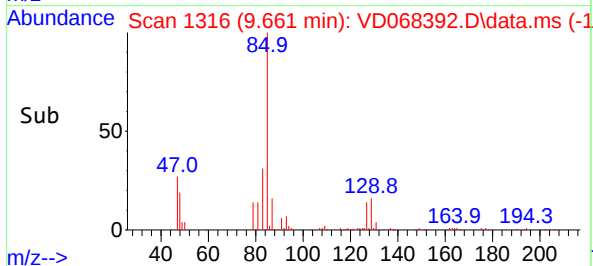
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



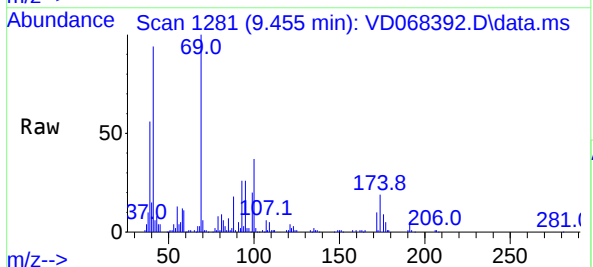
Tgt Ion: 83 Resp: 263112
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4
127 9.1 7.4 11.0

Manual Integrations
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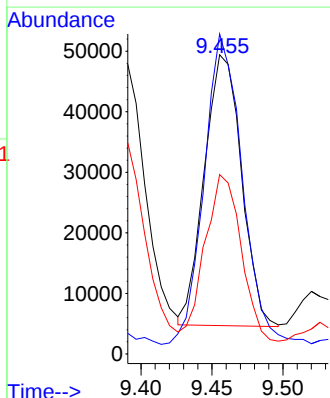
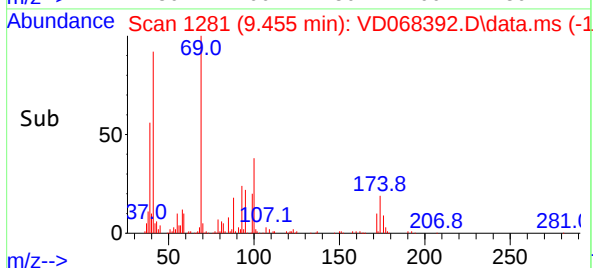
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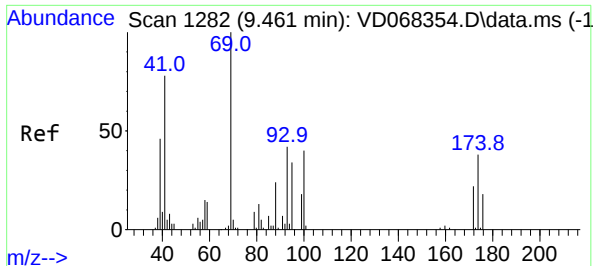


#48
Methyl methacrylate
Concen: 47.66 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 41 Resp: 81217
Ion Ratio Lower Upper
41 100
69 118.8 77.1 115.7#
39 66.1 41.5 62.3#





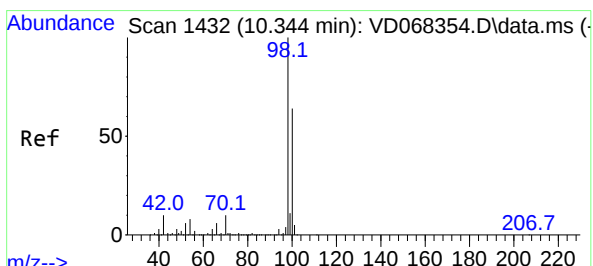
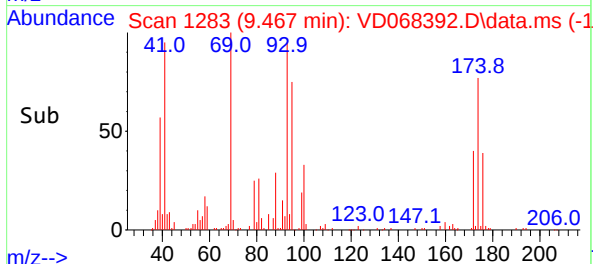
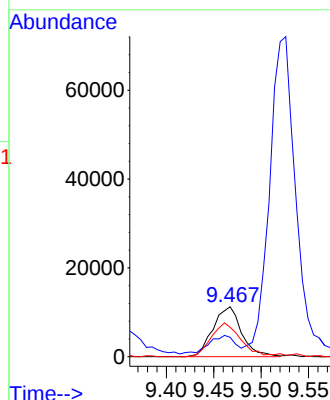
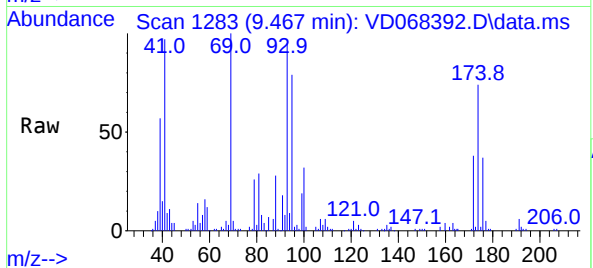
#49
1,4-Dioxane
Concen: 1011.50 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 88 Resp: 23545
Ion Ratio Lower Upper
88 100
43 34.1 22.1 33.1#
58 69.1 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

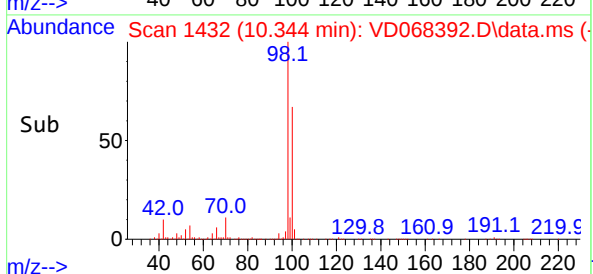
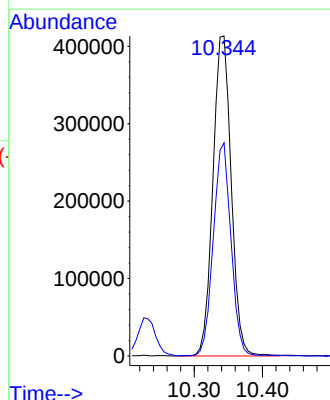
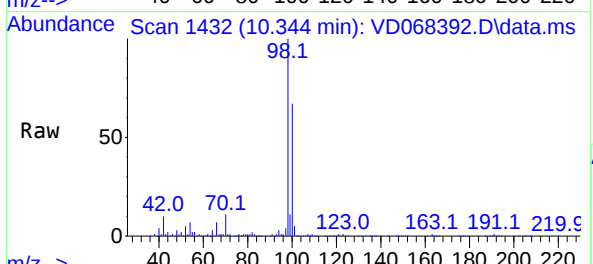
Manual Integrations
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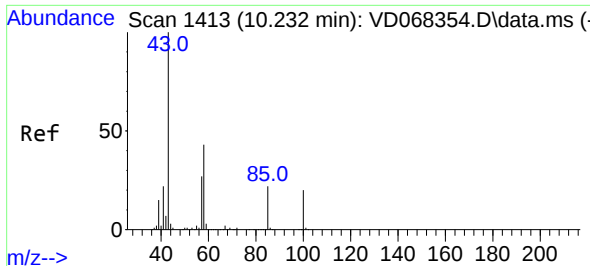
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#50
Toluene-d8
Concen: 52.68 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 98 Resp: 773086
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4





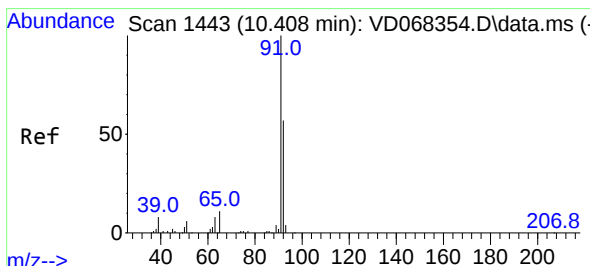
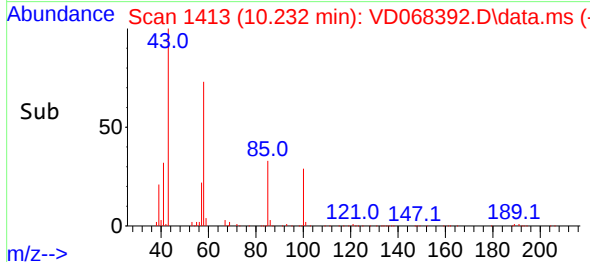
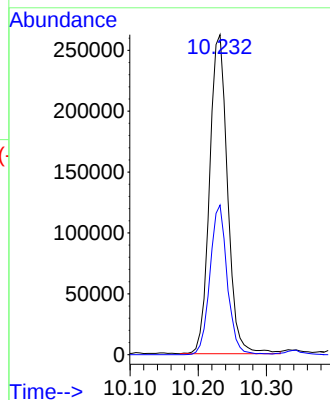
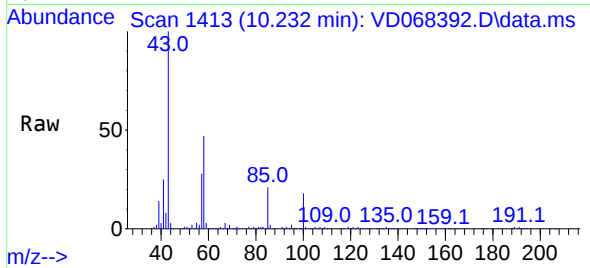
#51
4-Methyl-2-Pentanone
Concen: 274.32 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 43 Resp: 481080
Ion Ratio Lower Upper
43 100
58 45.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

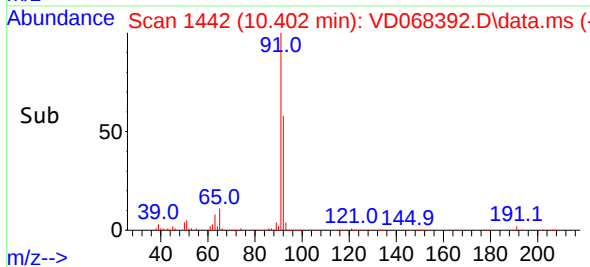
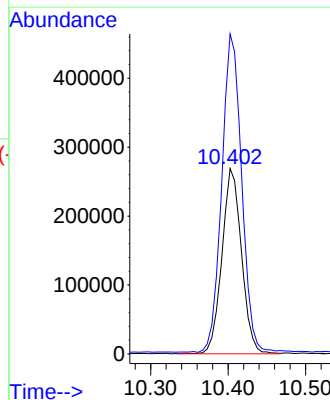
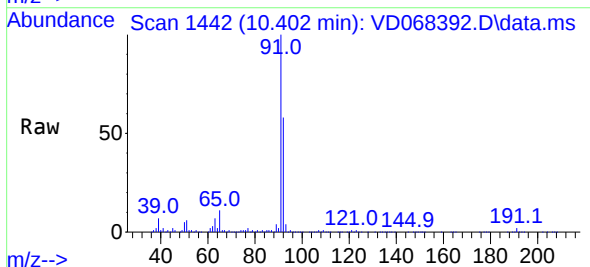
Manual Integrations
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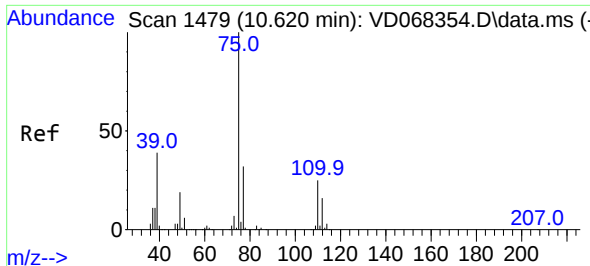
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2/18/2021 2:56:40 PM



#52
Toluene
Concen: 48.77 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 92 Resp: 471979
Ion Ratio Lower Upper
92 100
91 174.5 134.1 201.1





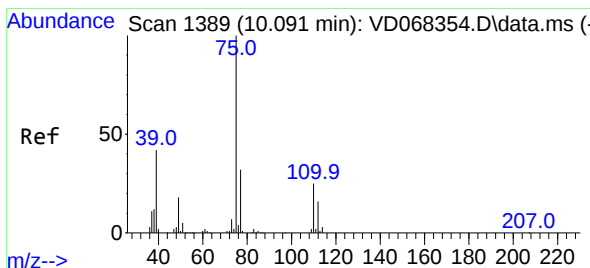
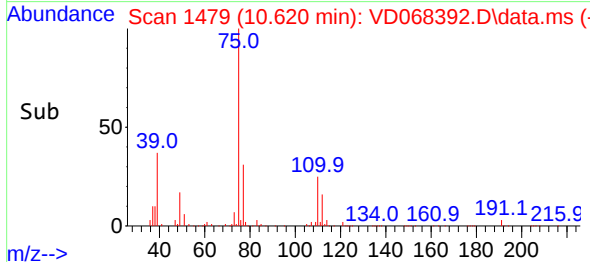
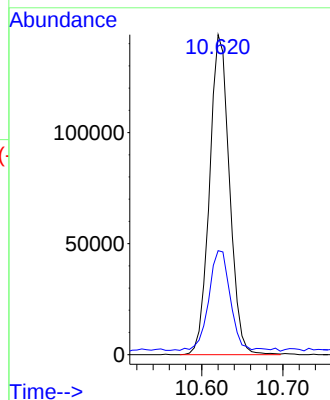
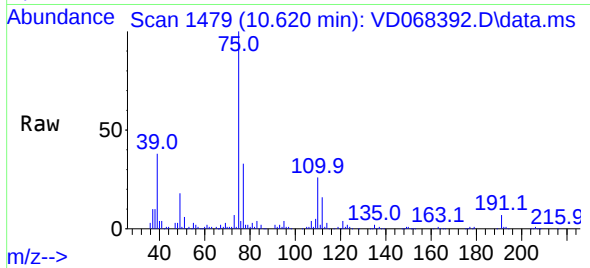
#53
t-1,3-Dichloropropene
Concen: 51.42 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 75 Resp: 245817
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

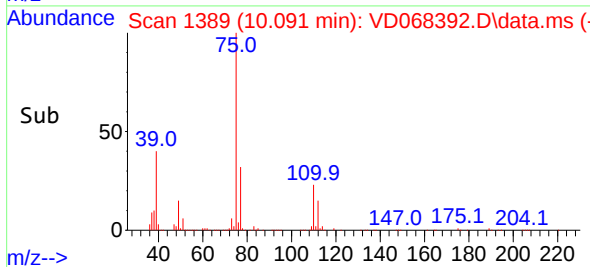
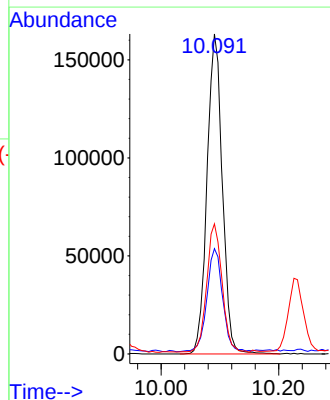
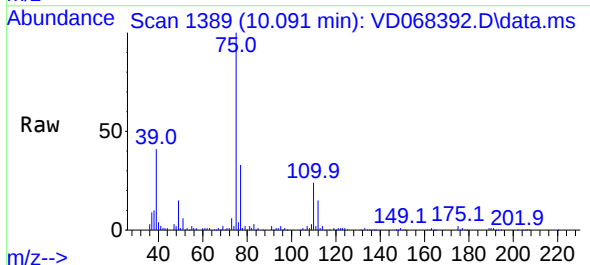
Manual Integrations
APPROVED

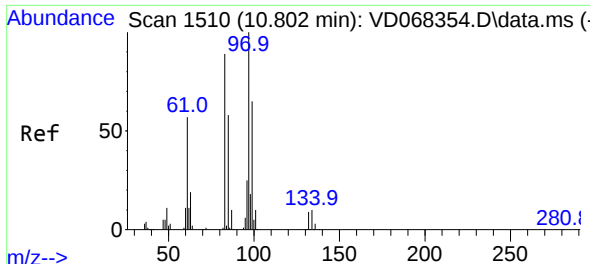
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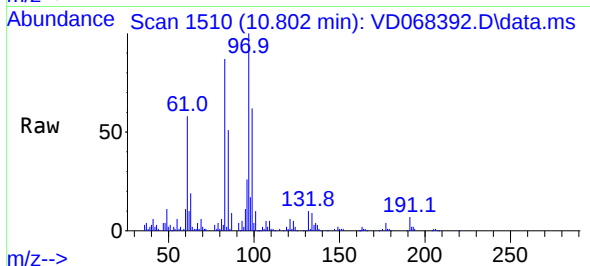
#54
cis-1,3-Dichloropropene
Concen: 50.42 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 75 Resp: 294518
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 40.0 31.4 47.0



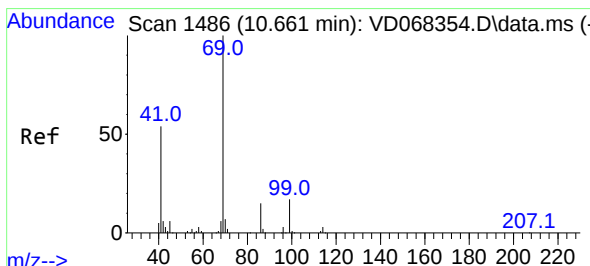
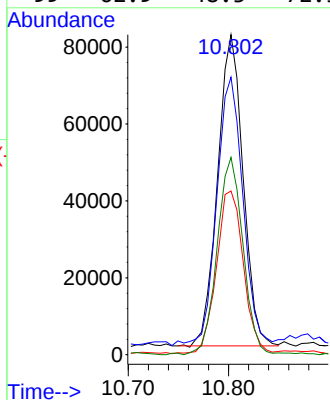
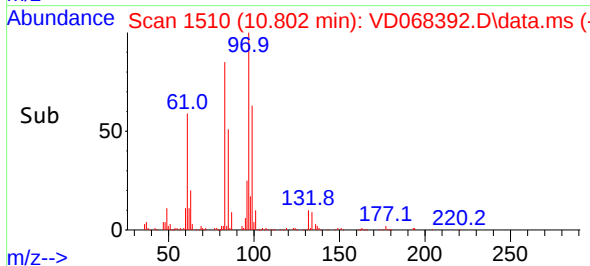


#55
1,1,2-Trichloroethane
Concen: 51.90 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

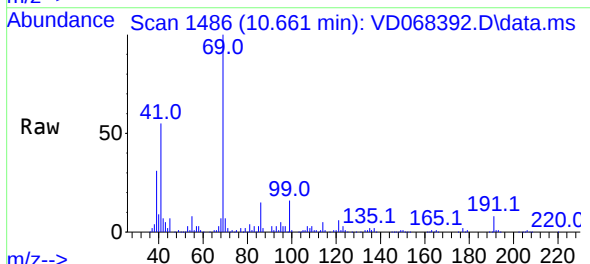


Tgt Ion: 97 Resp: 142844

Ion	Ratio	Lower	Upper
97	100		
83	84.7	61.8	92.6
85	52.0	42.2	63.2
99	62.9	48.3	72.5

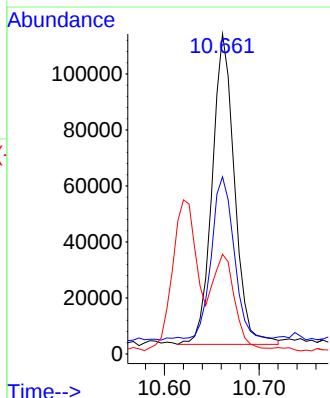
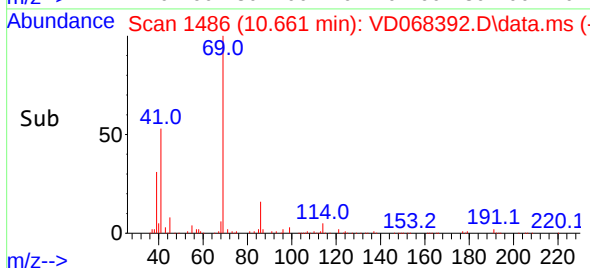


#56
Ethyl methacrylate
Concen: 55.53 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 69 Resp: 181337

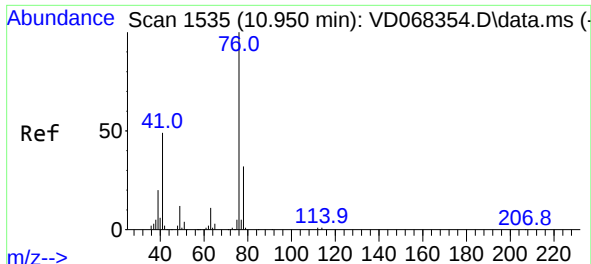
Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.9	67.3
39	29.6	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

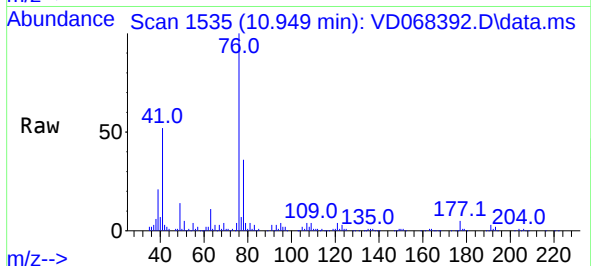
Manual Integrations
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2/18/2021 2:56:40 PM



#57
1,3-Dichloropropane
Concen: 50.80 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

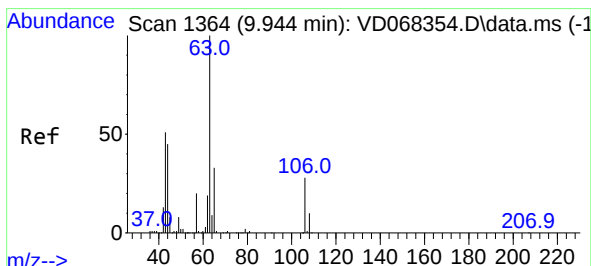
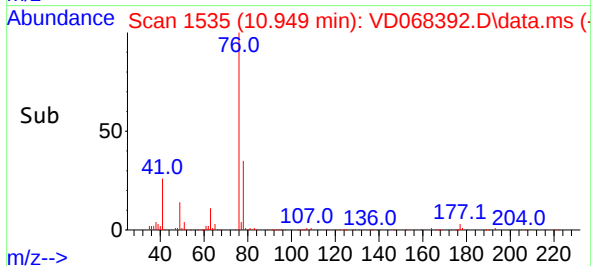
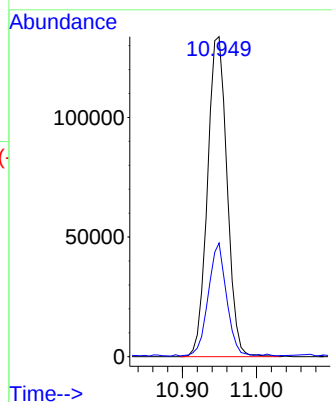
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



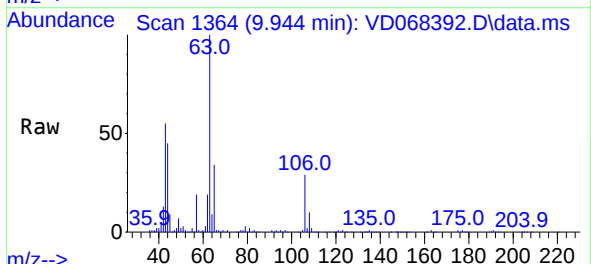
Tgt Ion: 76 Resp: 245359
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

Manual Integrations
APPROVED

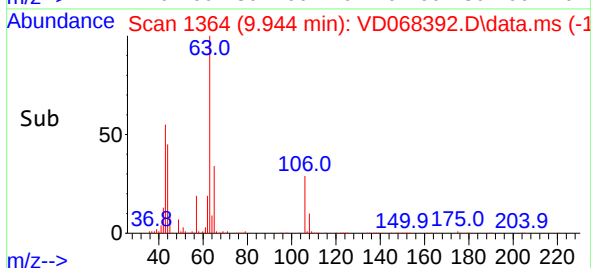
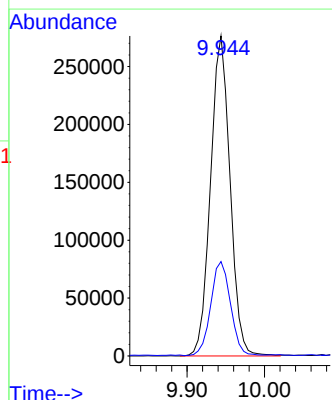
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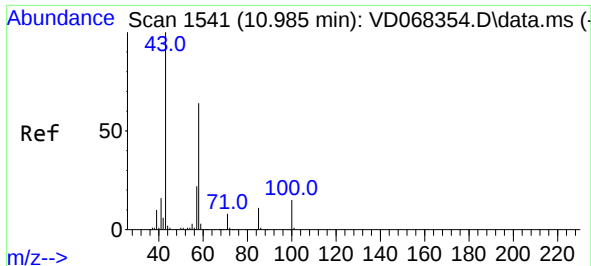


#58
2-Chloroethyl Vinyl ether
Concen: 277.73 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 63 Resp: 485656
Ion Ratio Lower Upper
63 100
106 29.7 27.0 40.4





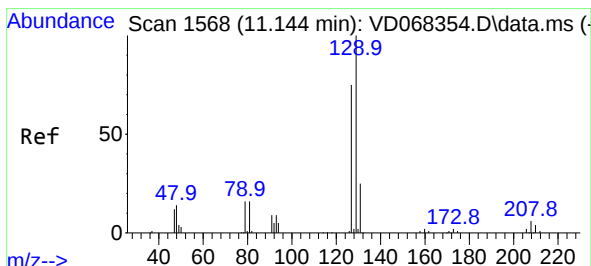
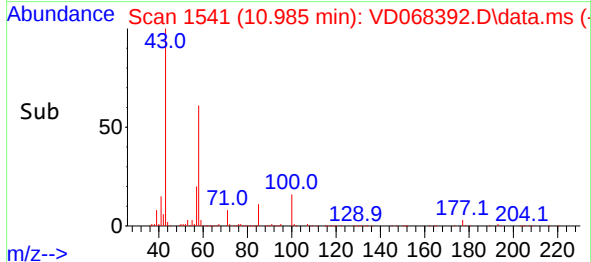
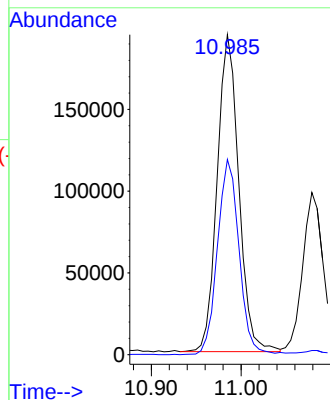
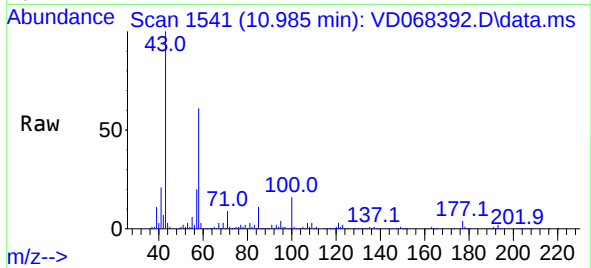
#59
2-Hexanone
Concen: 272.90 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 43 Resp: 323513
Ion Ratio Lower Upper
43 100
58 61.8 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

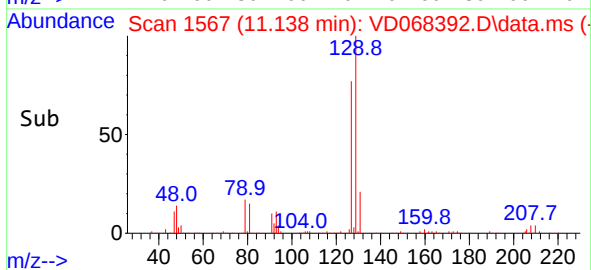
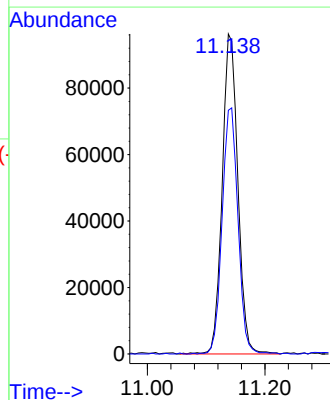
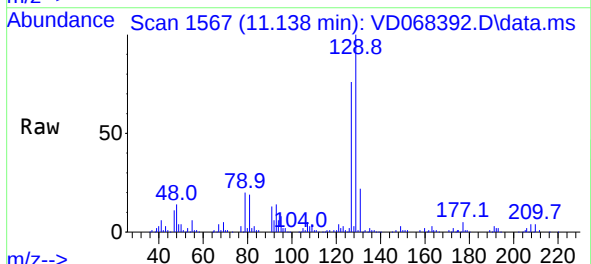
Manual Integrations
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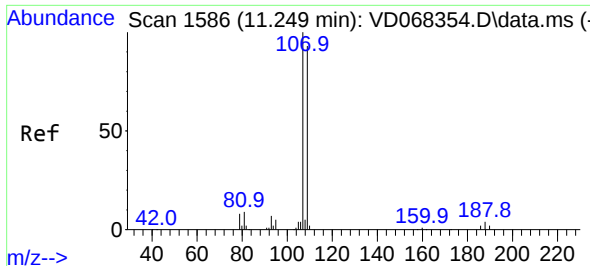
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#60
Dibromochloromethane
Concen: 51.94 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:129 Resp: 177399
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





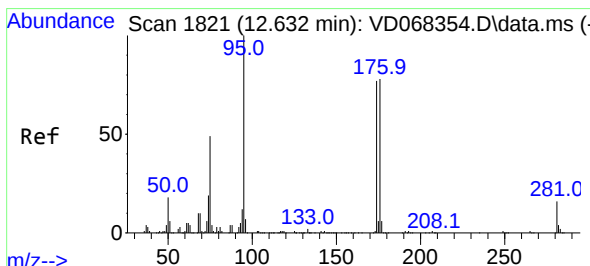
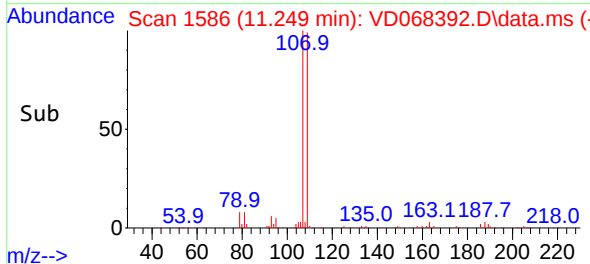
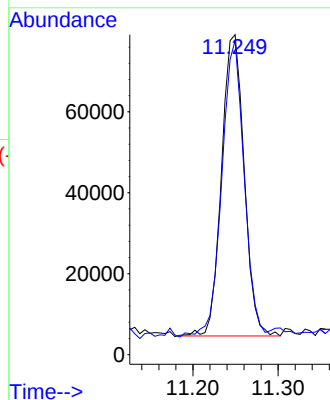
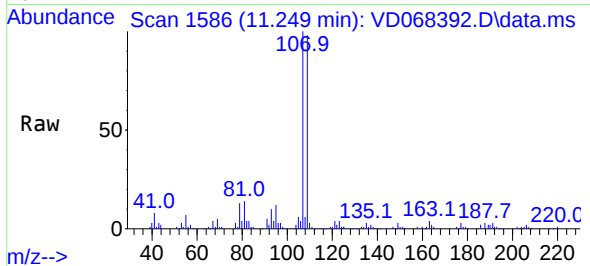
#61
1,2-Dibromoethane
Concen: 51.58 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:107 Resp: 137202
Ion Ratio Lower Upper
107 100
109 97.8 74.8 112.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

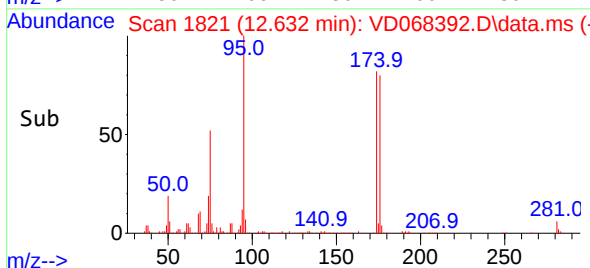
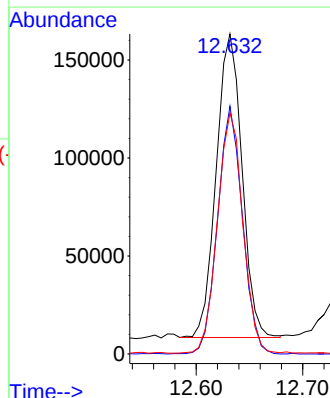
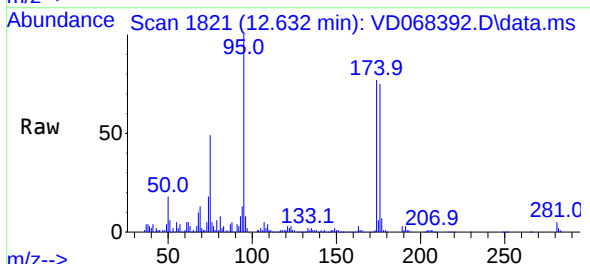
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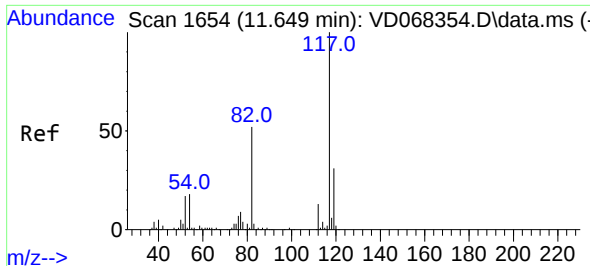
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2/18/2021 2:56:40 PM



#62
4-Bromofluorobenzene
Concen: 54.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

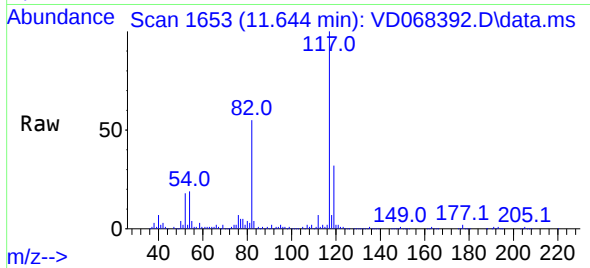
Tgt Ion: 95 Resp: 259503
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 78.2 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

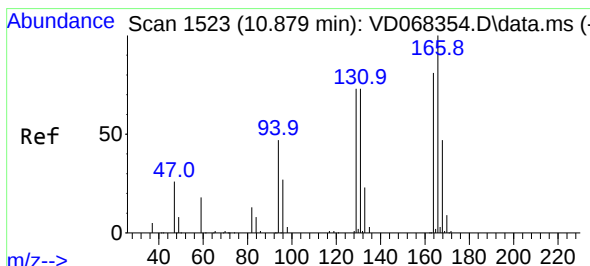
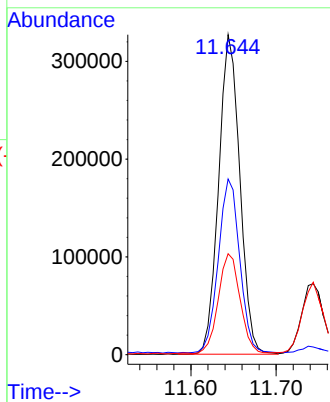
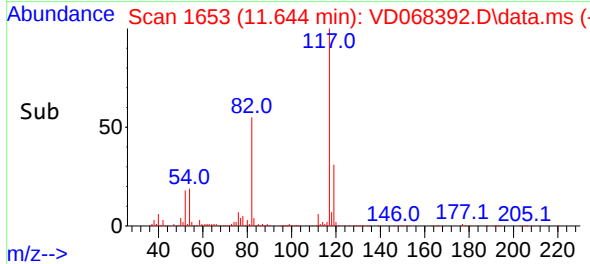
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



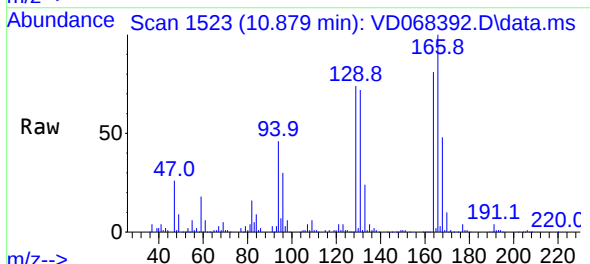
Tgt Ion:117 Resp: 564221
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 31.2 26.1 39.1

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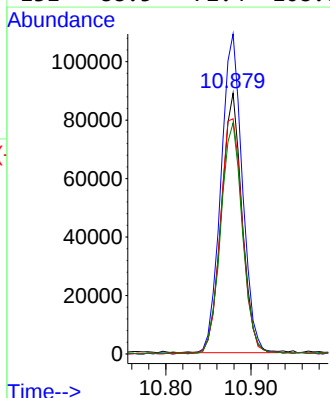
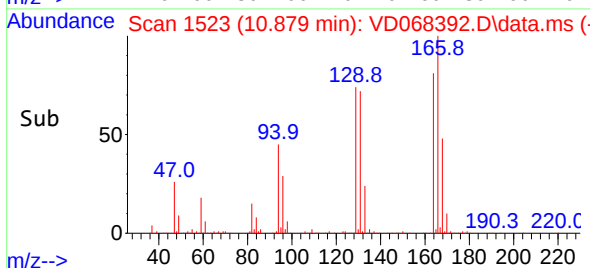
SAM
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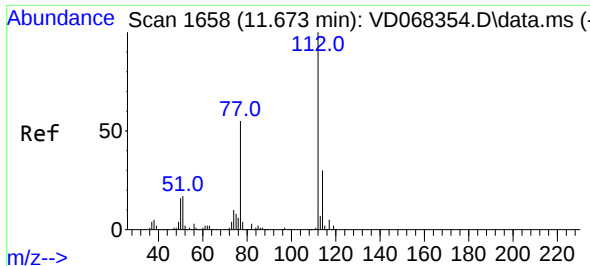


#64
Tetrachloroethene
Concen: 42.99 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion:164 Resp: 149243
Ion Ratio Lower Upper
164 100
166 123.0 105.5 158.3
129 90.4 75.6 113.4
131 88.5 72.4 108.6





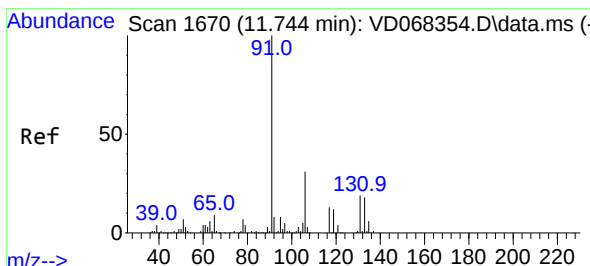
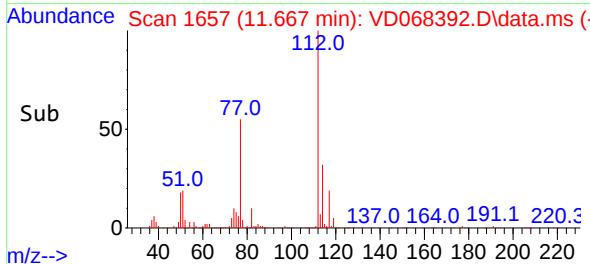
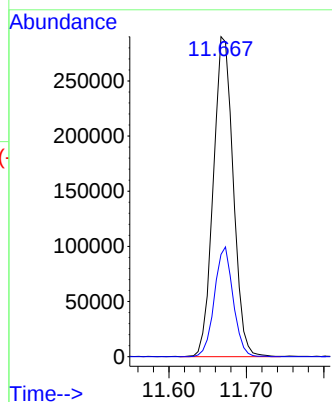
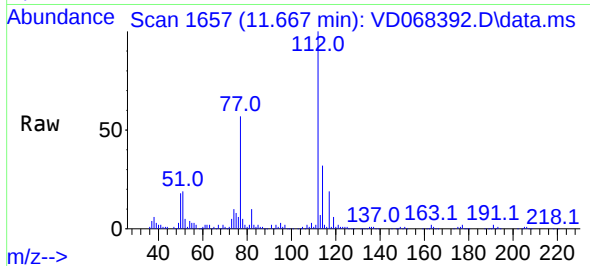
#65
Chlorobenzene
Concen: 47.78 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 518368
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

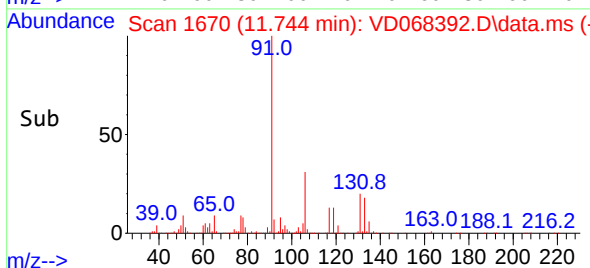
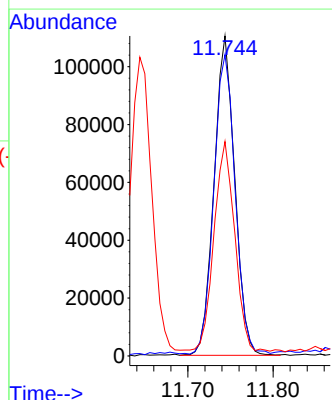
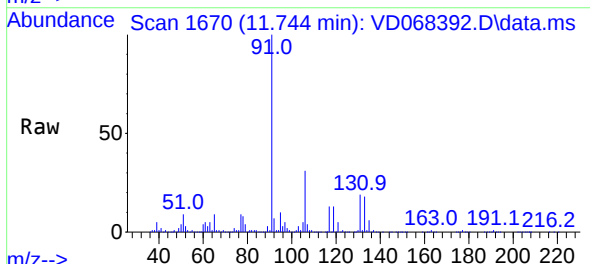
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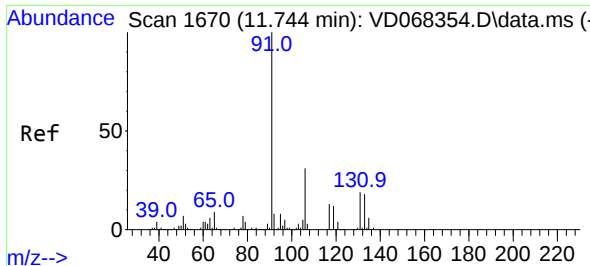
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2/18/2021 2:56:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.33 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:131 Resp: 186707
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 66.1 31.6 94.8





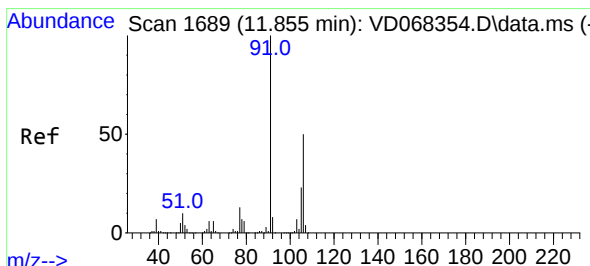
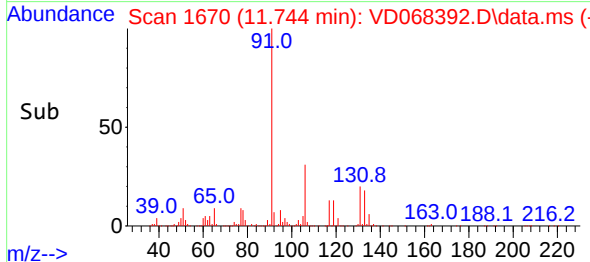
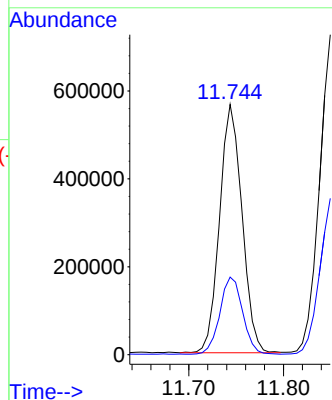
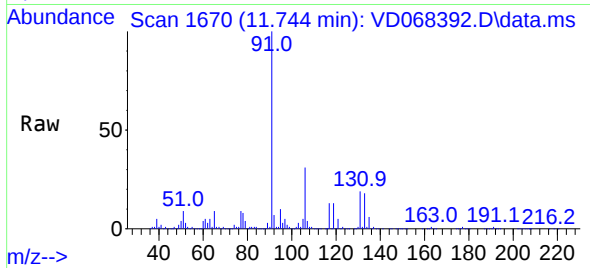
#67
Ethyl Benzene
Concen: 47.89 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 91 Resp: 931430
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

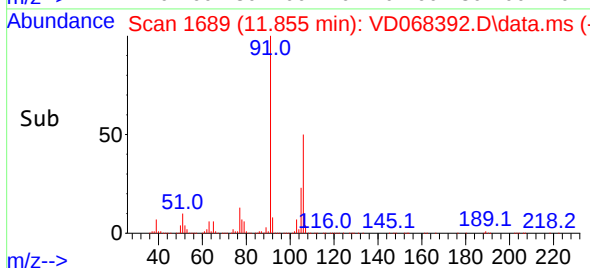
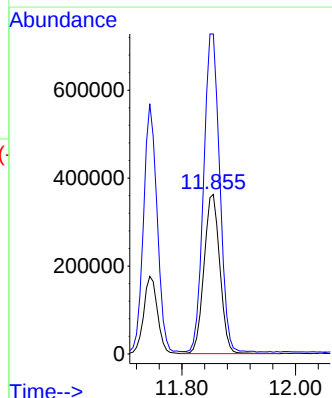
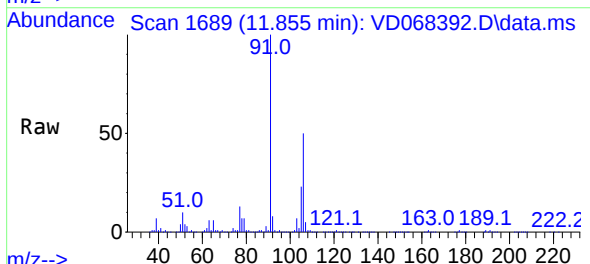
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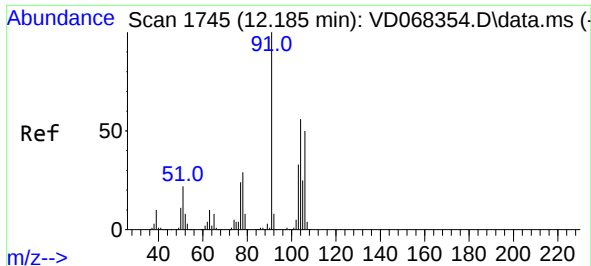
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2/18/2021 2:56:40 PM



#68
m/p-Xylenes
Concen: 95.09 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 106 Resp: 699051
Ion Ratio Lower Upper
106 100
91 201.9 159.1 238.7





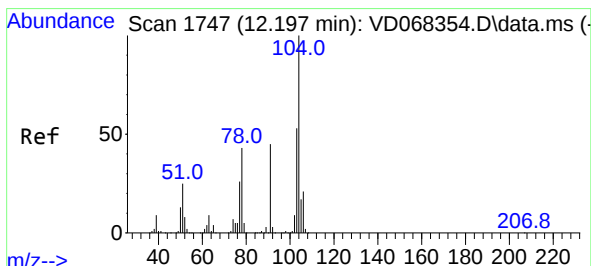
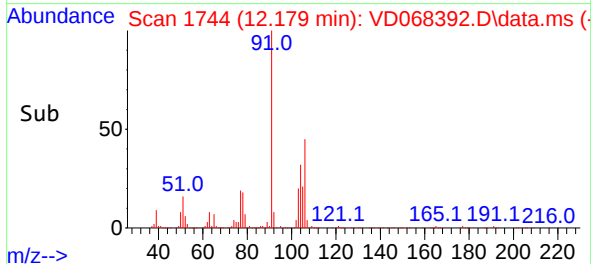
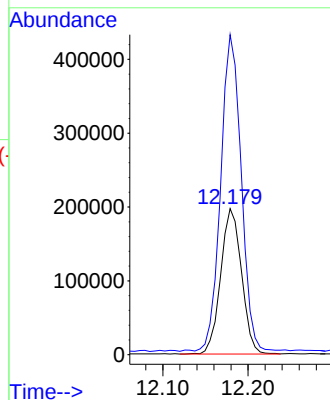
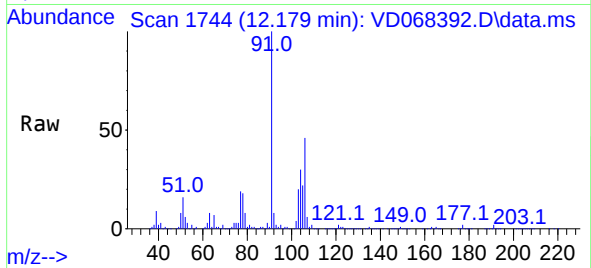
#69
o-Xylene
Concen: 49.59 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:106 Resp: 334442
Ion Ratio Lower Upper
106 100
91 214.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

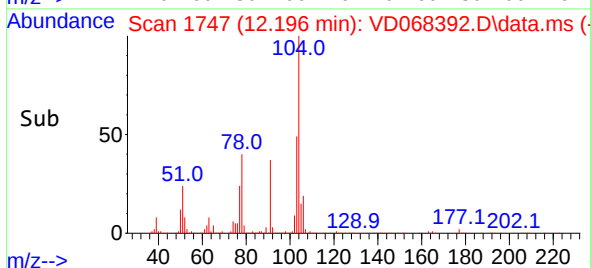
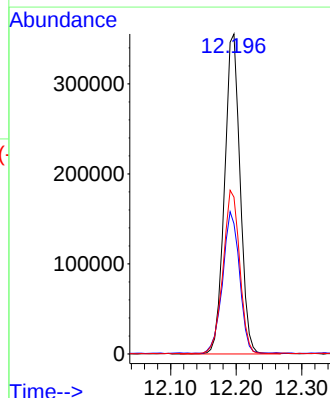
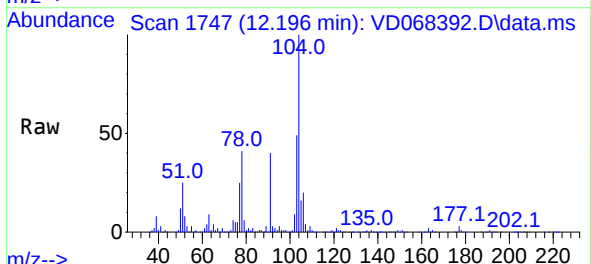
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2/18/2021 2:56:40 PM



#70
Styrene
Concen: 49.81 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:104 Resp: 584298
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 54.5 43.1 64.7





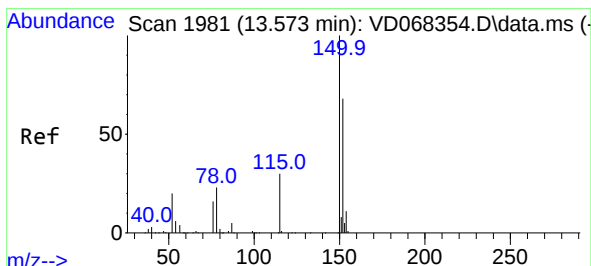
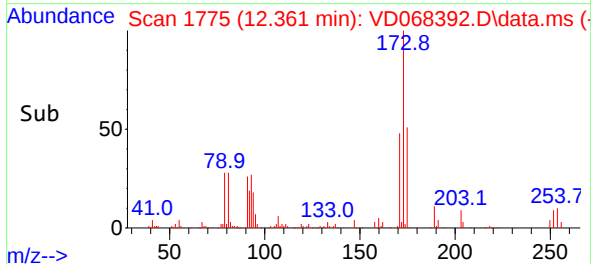
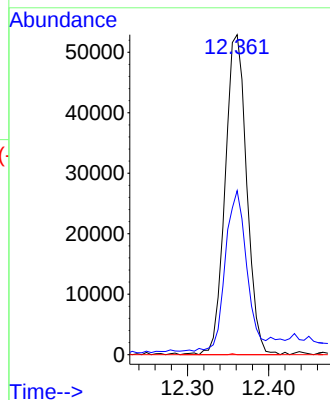
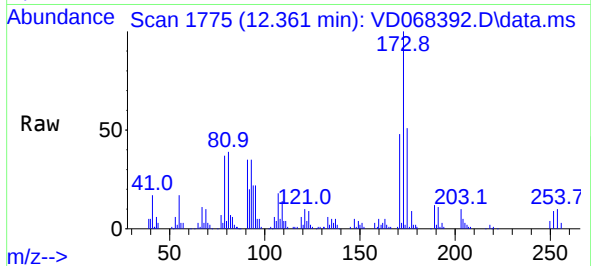
#71
Bromoform
Concen: 50.20 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:173 Resp: 97626
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

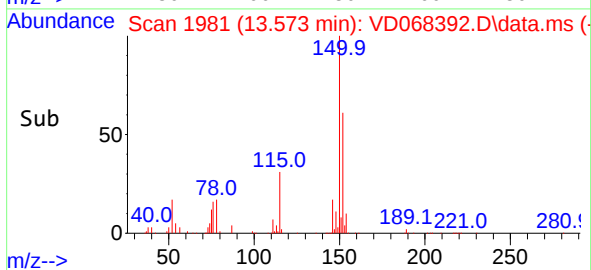
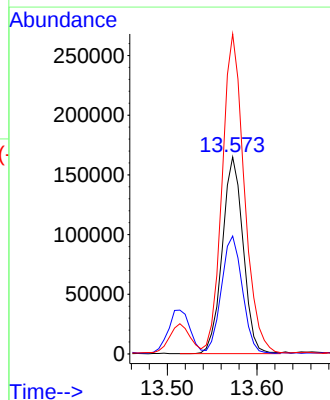
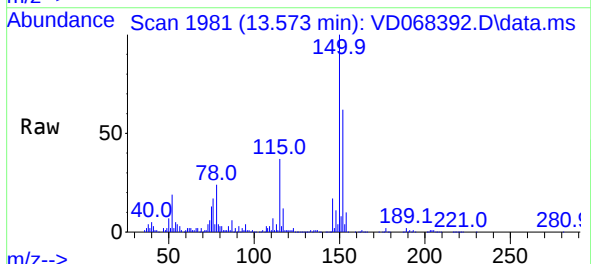
Manual Integrations
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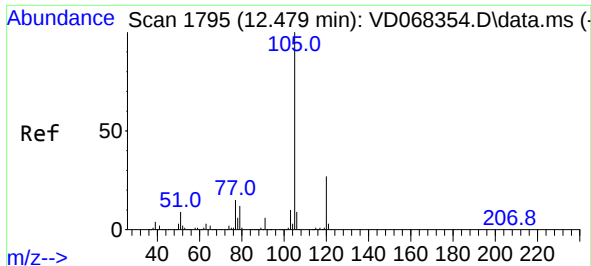
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2/18/2021 2:56:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

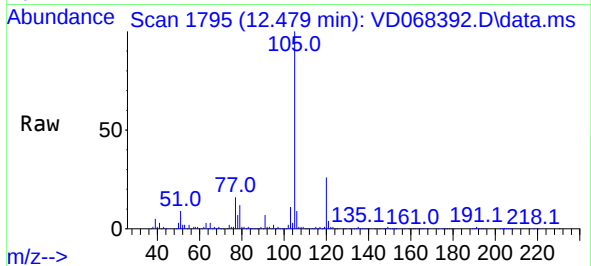
Tgt Ion:152 Resp: 265717
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 171.3 0.0 344.4





#73
Isopropylbenzene
Concen: 45.83 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

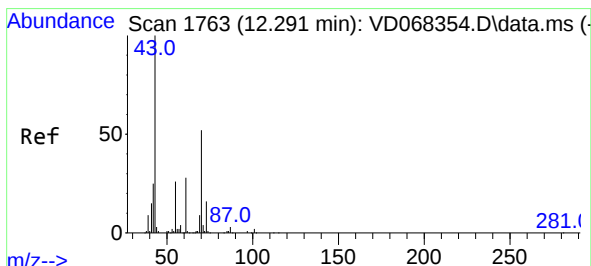
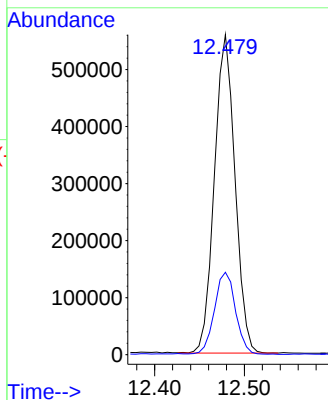
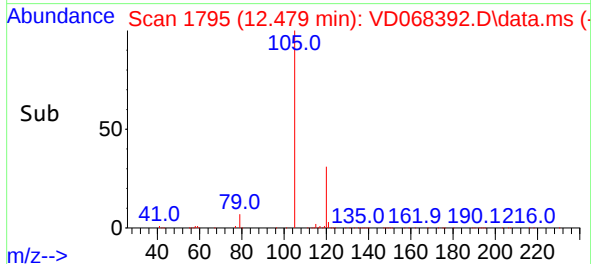
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



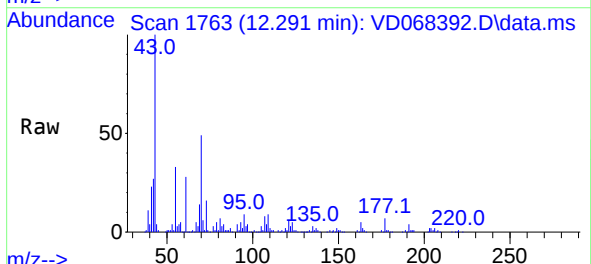
Tgt Ion:105 Resp: 889554
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

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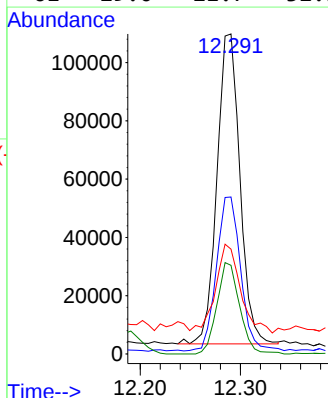
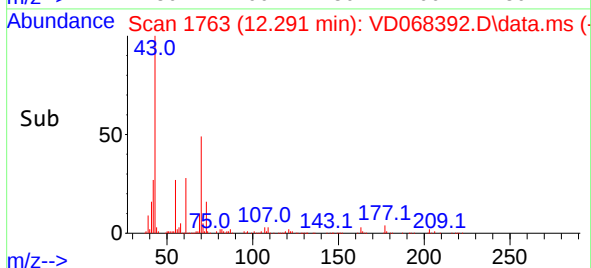
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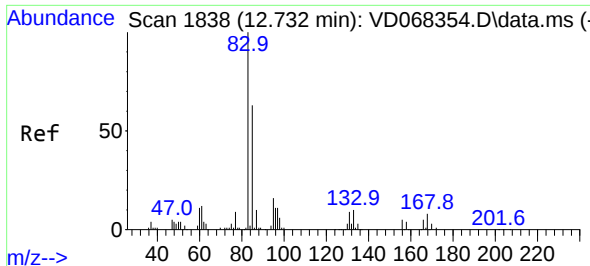


#74
N-ethyl acetate
Concen: 49.41 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 43 Resp: 169353
Ion Ratio Lower Upper
43 100
70 52.2 41.8 62.8
55 31.0 24.2 36.4
61 29.0 21.7 32.5





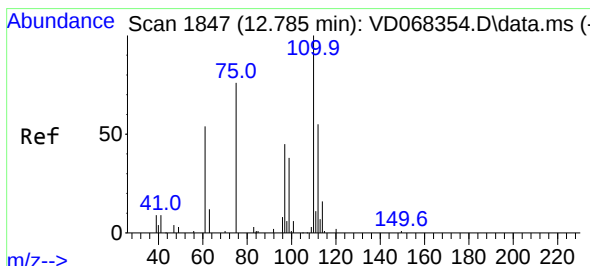
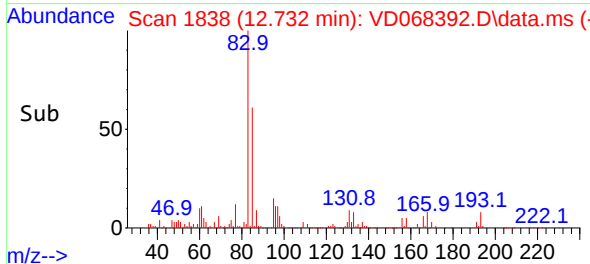
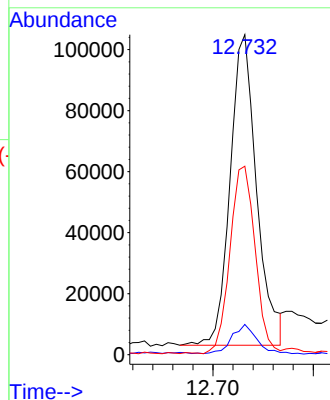
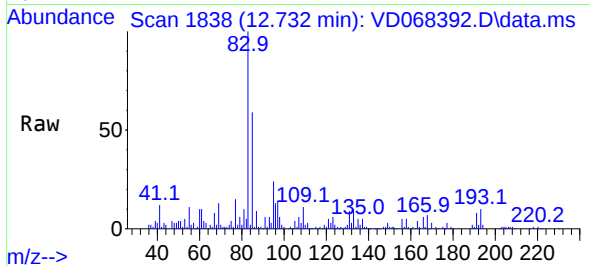
#75
1,1,2,2-Tetrachloroethane
Concen: 55.61 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 83 Resp: 187060
Ion Ratio Lower Upper
83 100
131 9.0 5.8 17.4
85 56.7 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

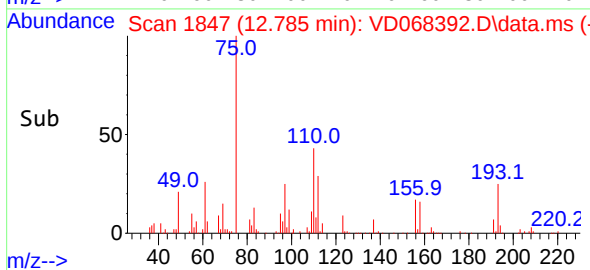
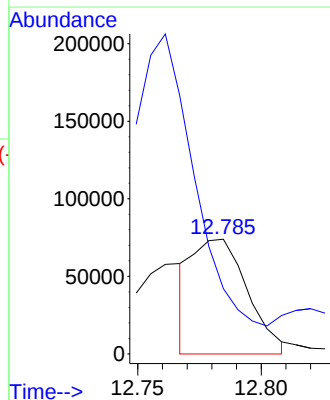
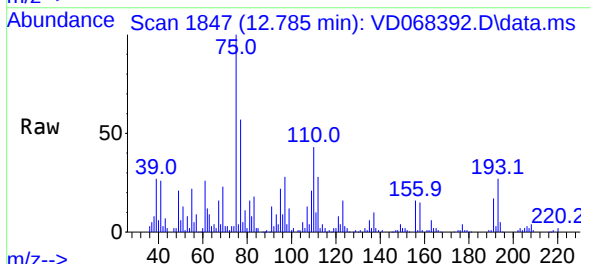
Manual Integrations
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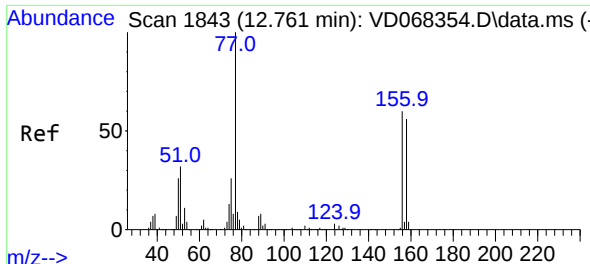
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2/18/2021 2:56:40 PM



#76
1,2,3-Trichloropropane
Concen: 45.44 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 75 Resp: 114902
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.02 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

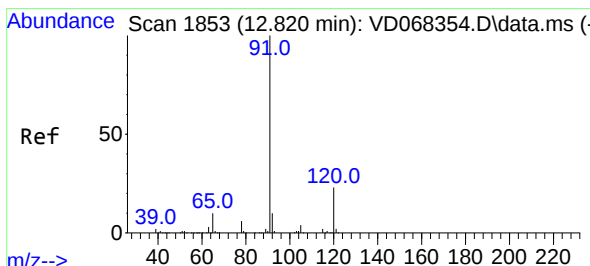
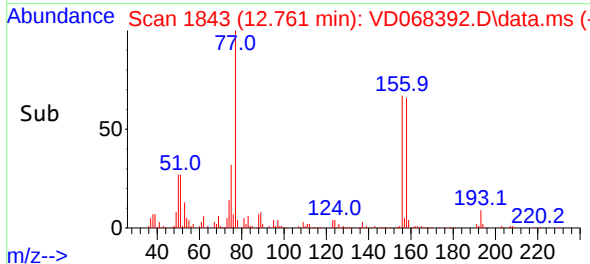
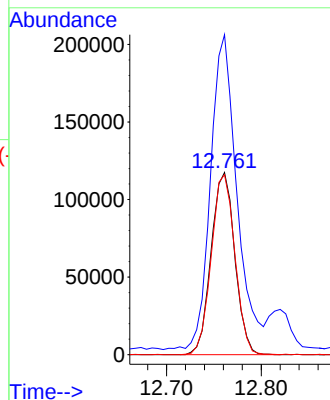
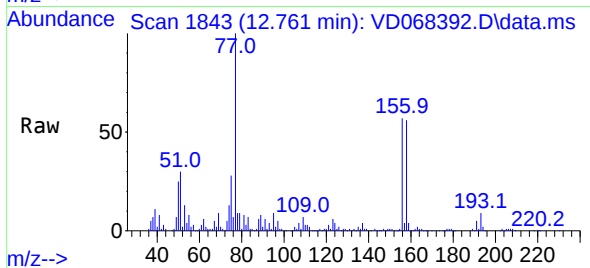
Tgt Ion:156 Resp: 203858

Ion	Ratio	Lower	Upper
156	100		
77	191.5	82.8	248.3
158	98.6	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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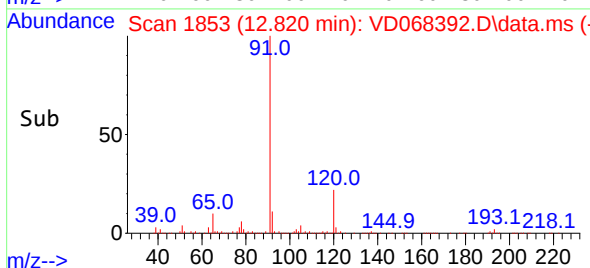
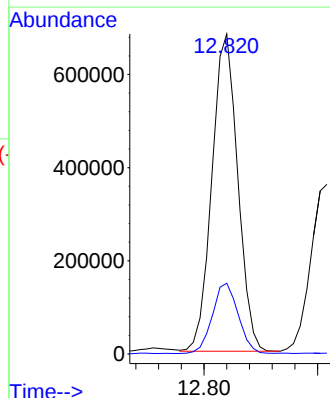
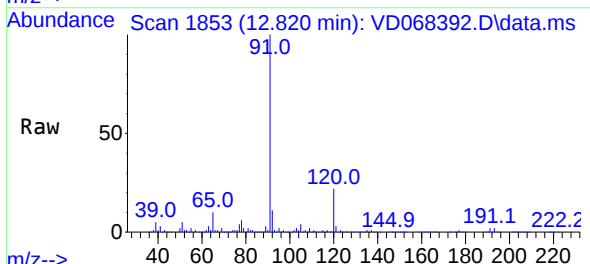
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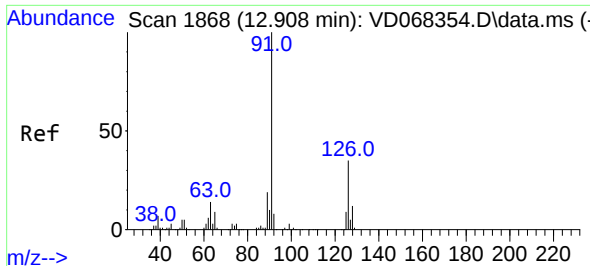


#78
n-propylbenzene
Concen: 46.22 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 91 Resp: 1073919

Ion	Ratio	Lower	Upper
91	100		
120	22.3	12.0	36.0





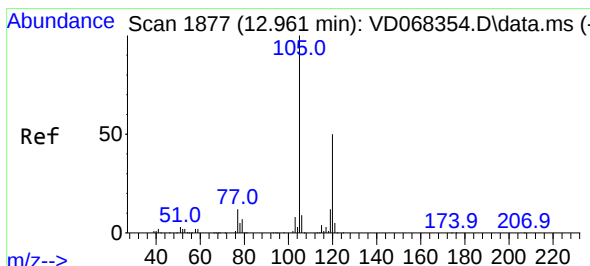
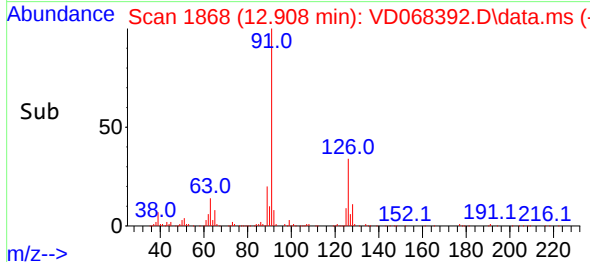
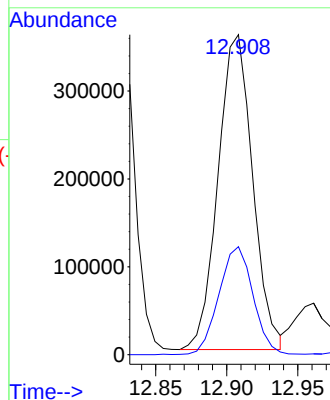
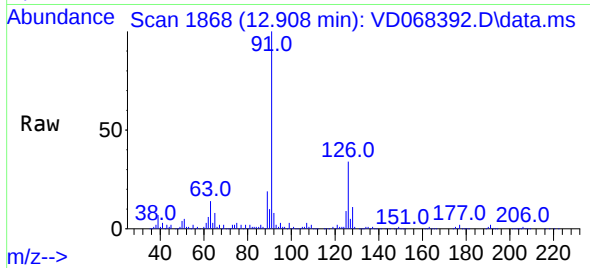
#79
2-Chlorotoluene
Concen: 47.22 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 91 Resp: 607565
Ion Ratio Lower Upper
91 100
126 33.9 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

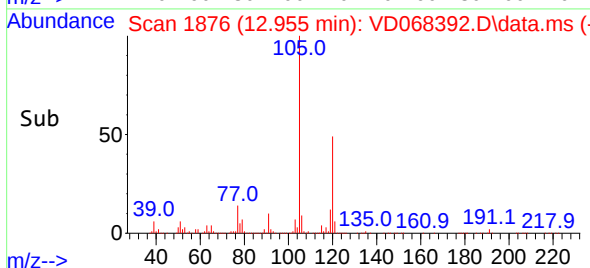
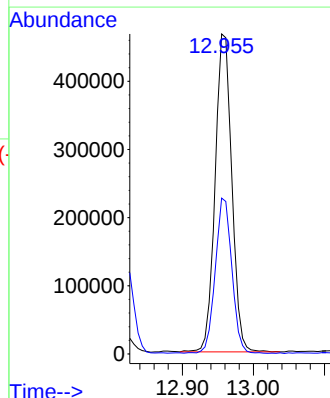
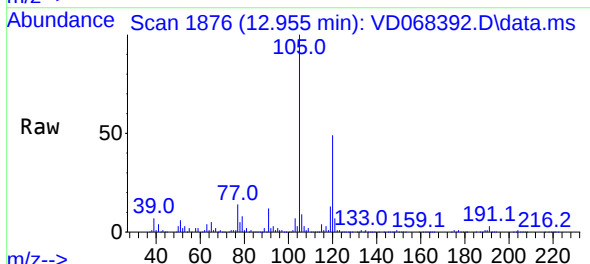
Manual Integrations
APPROVED

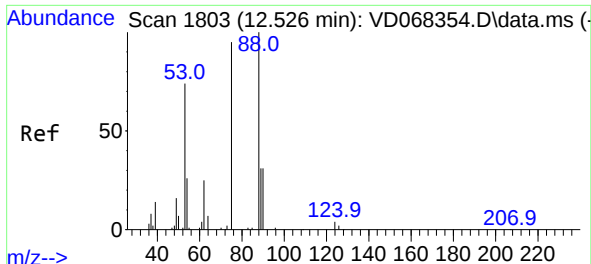
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#80
1,3,5-Trimethylbenzene
Concen: 47.87 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

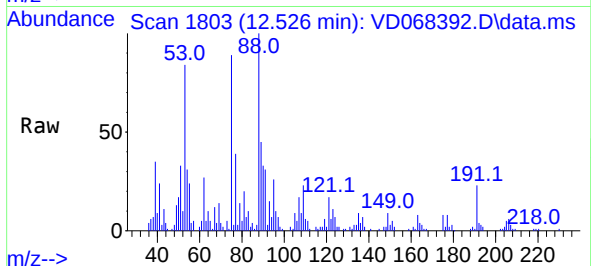
Tgt Ion: 105 Resp: 759237
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.39 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

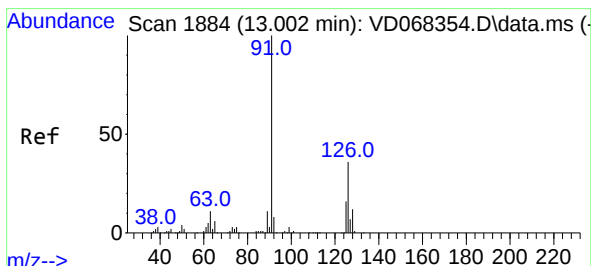
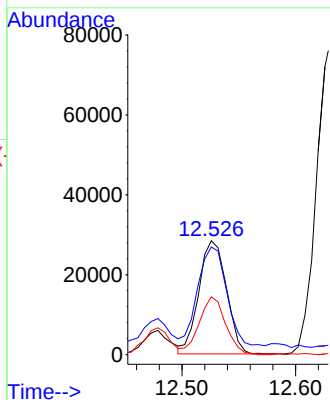
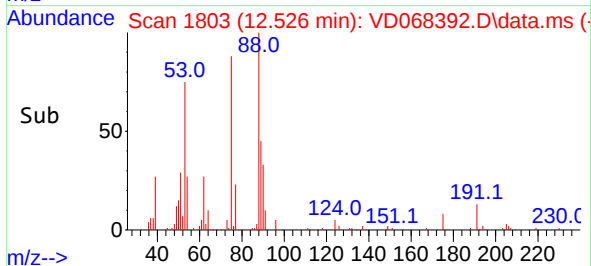
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



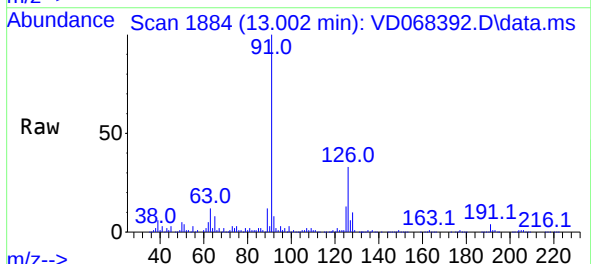
Tgt Ion: 75 Resp: 47804
Ion Ratio Lower Upper
75 100
53 90.6 70.2 105.2
89 49.2 40.3 60.5

Manual Integrations
APPROVED

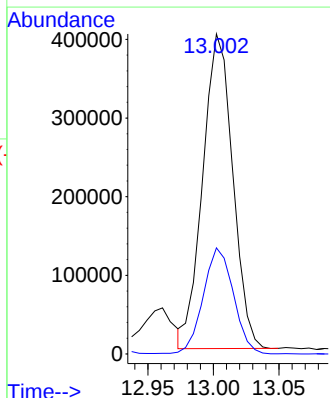
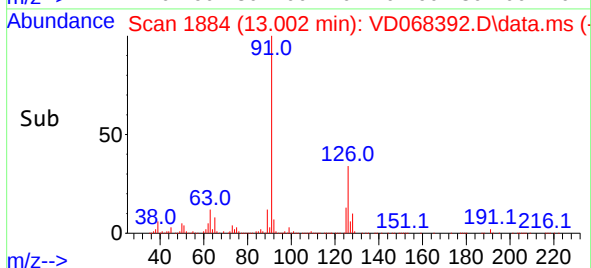
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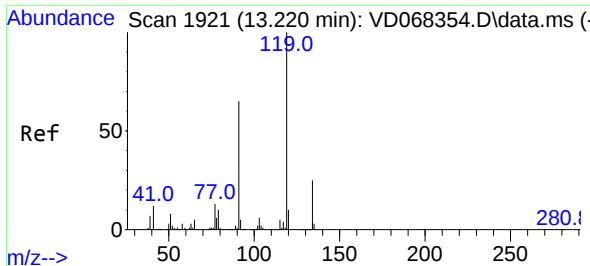


#82
4-Chlorotoluene
Concen: 46.82 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



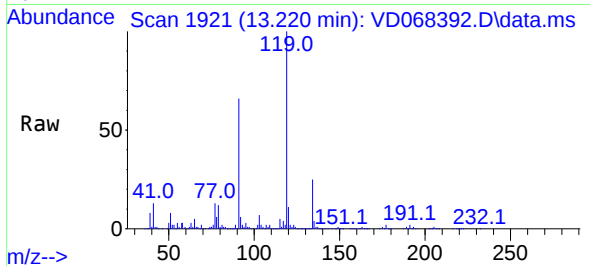
Tgt Ion: 91 Resp: 636973
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1





#83
tert-Butylbenzene
Concen: 45.86 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

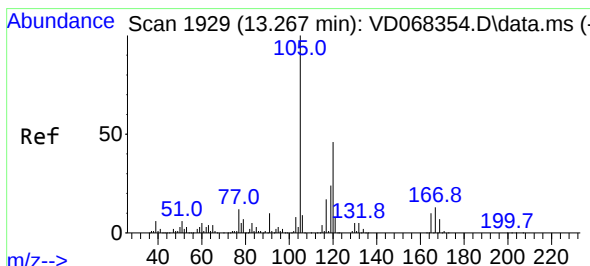
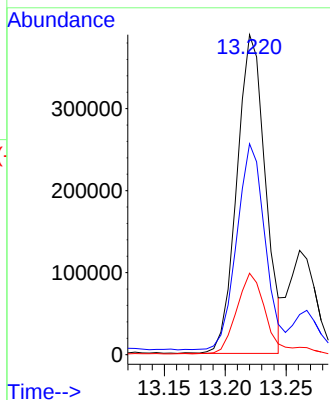
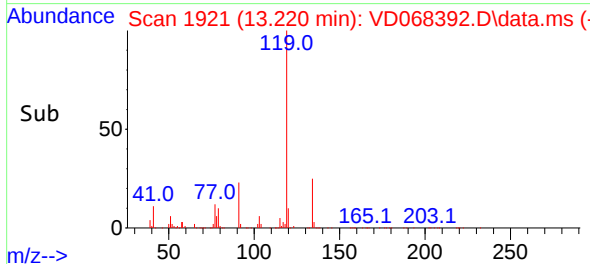
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



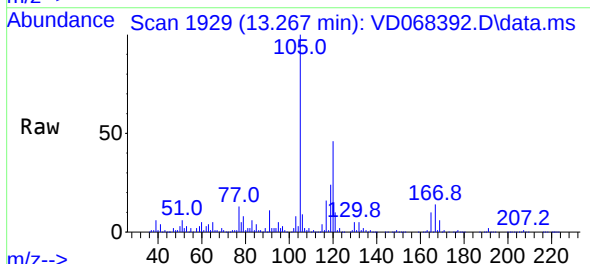
Tgt Ion:119 Resp: 630989
Ion Ratio Lower Upper
119 100
91 64.3 31.1 93.5
134 27.0 13.3 39.8

Manual Integrations
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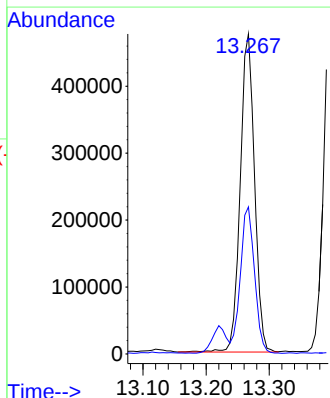
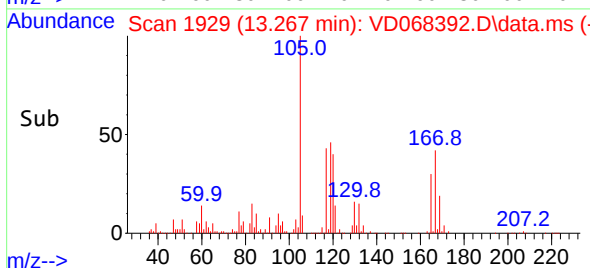
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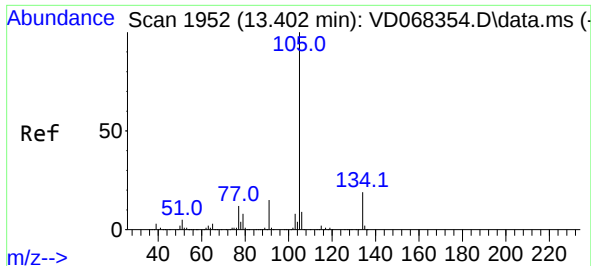


#84
1,2,4-Trimethylbenzene
Concen: 47.42 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



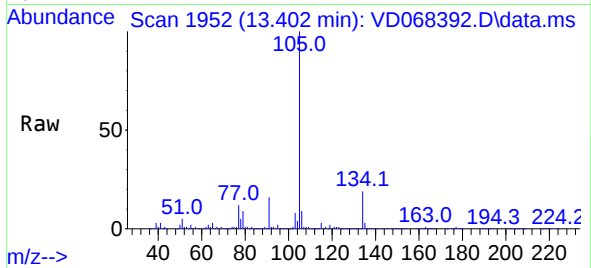
Tgt Ion:105 Resp: 749244
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0





#85
sec-Butylbenzene
Concen: 46.67 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

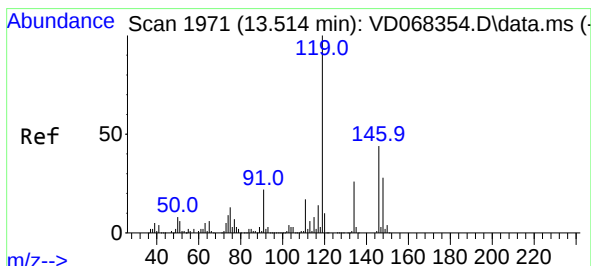
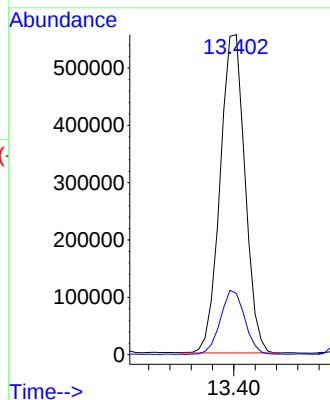
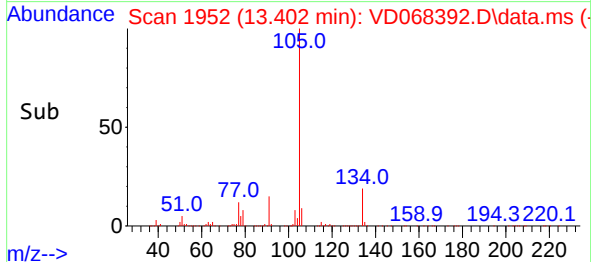
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



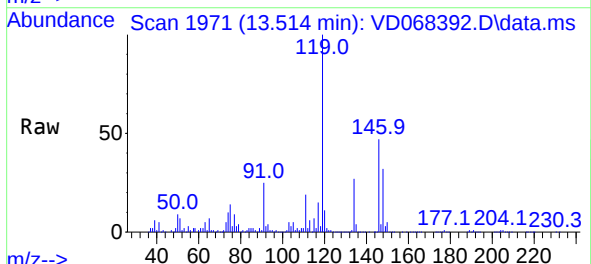
Tgt Ion:105 Resp: 897930
Ion Ratio Lower Upper
105 100
134 19.8 10.3 30.9

Manual Integrations
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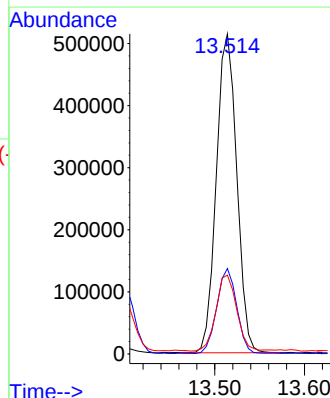
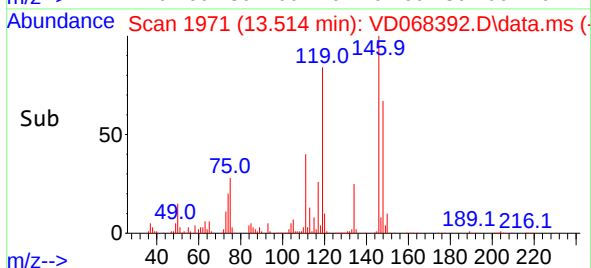
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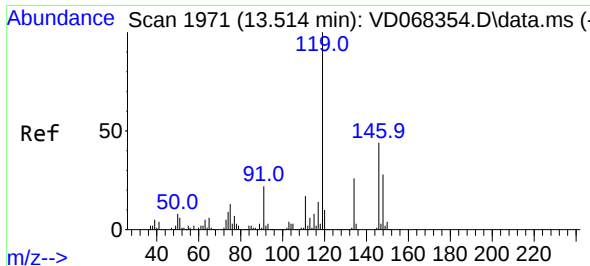


#86
p-Isopropyltoluene
Concen: 47.01 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion:119 Resp: 812143
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.7
91 24.1 11.7 35.0





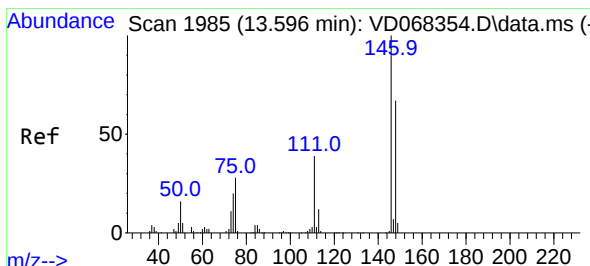
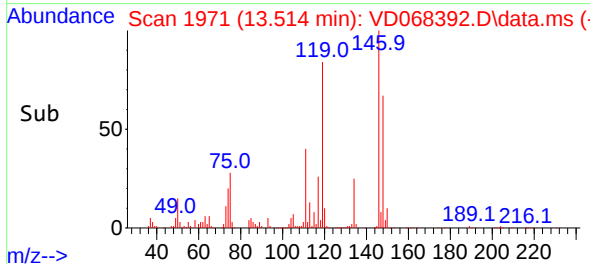
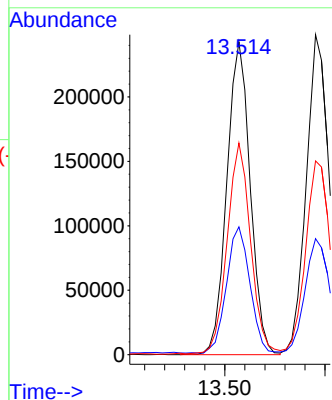
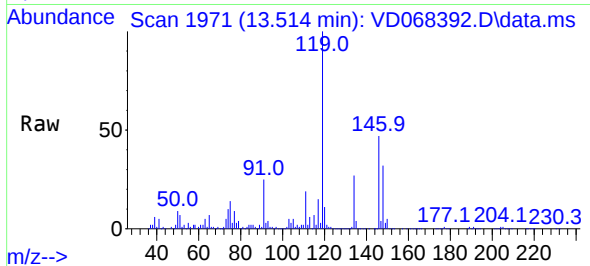
#87
1,3-Dichlorobenzene
Concen: 46.83 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:146 Resp: 392860
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 68.0 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

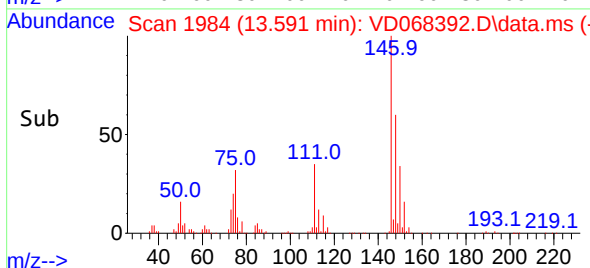
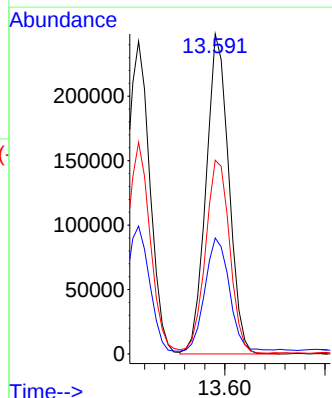
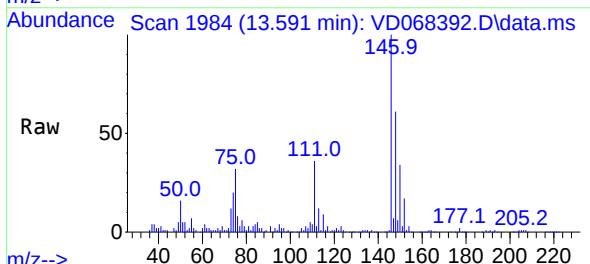
Manual Integrations
APPROVED

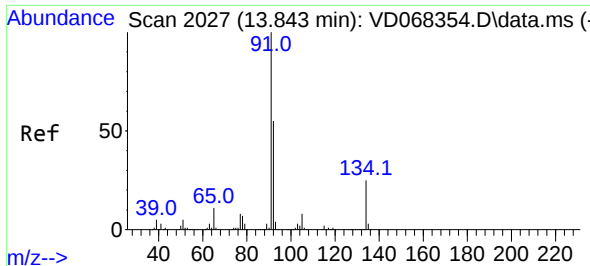
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#88
1,4-Dichlorobenzene
Concen: 47.06 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:146 Resp: 392845
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.0 31.9 95.7





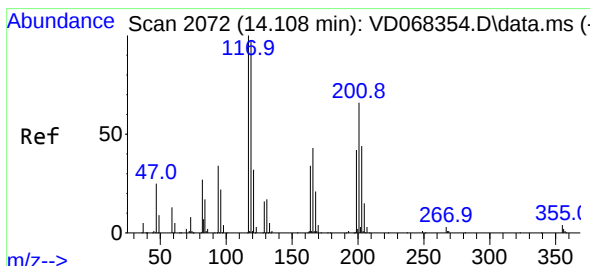
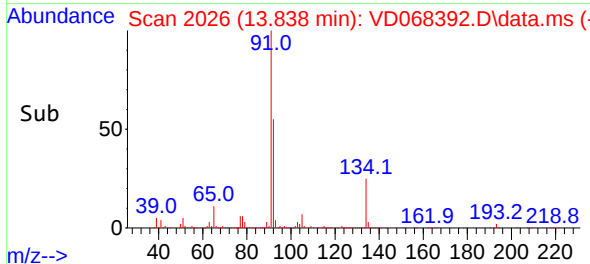
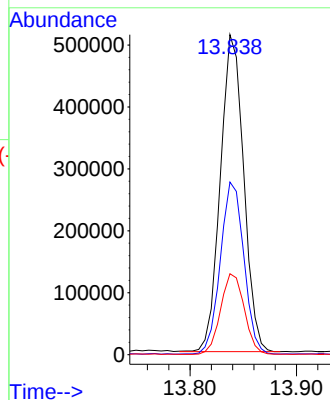
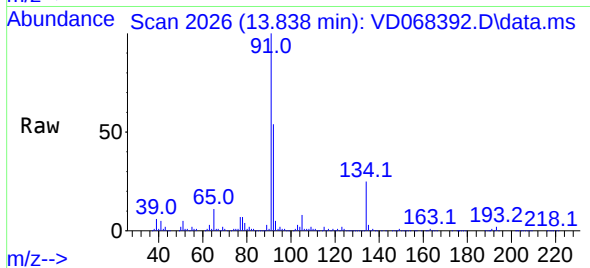
#89
n-Butylbenzene
Concen: 46.17 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 91 Resp: 778345
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 25.8 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

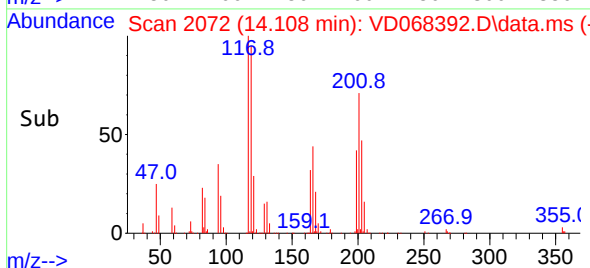
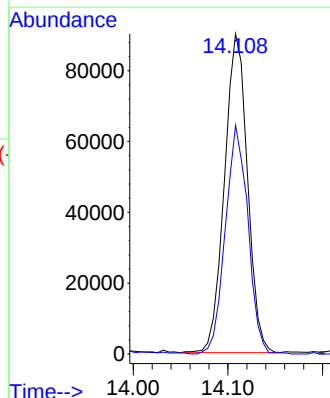
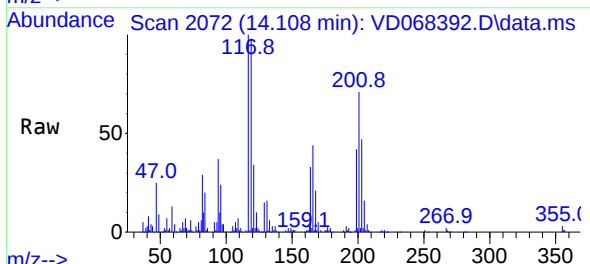
Manual Integrations
APPROVED

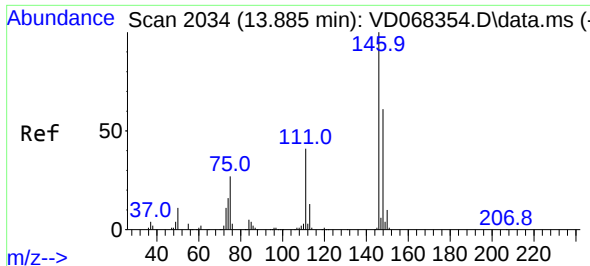
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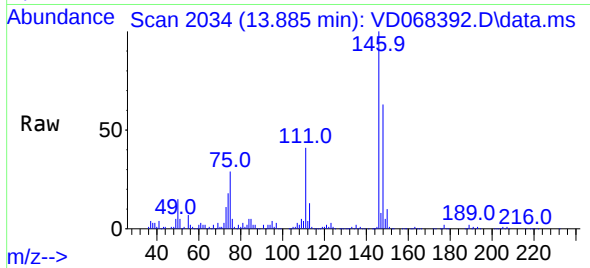
#90
Hexachloroethane
Concen: 48.42 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion: 117 Resp: 151869
Ion Ratio Lower Upper
117 100
201 70.4 39.5 118.5

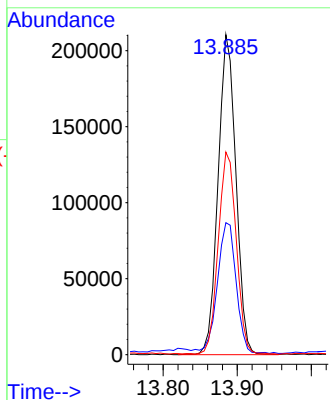
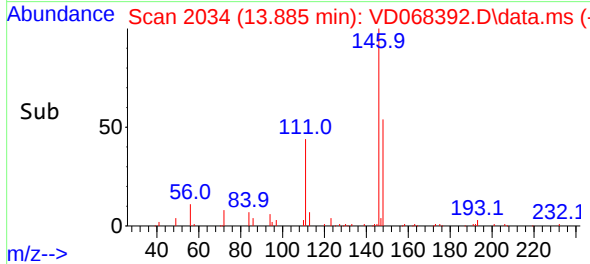




#91
1,2-Dichlorobenzene
Concen: 48.39 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



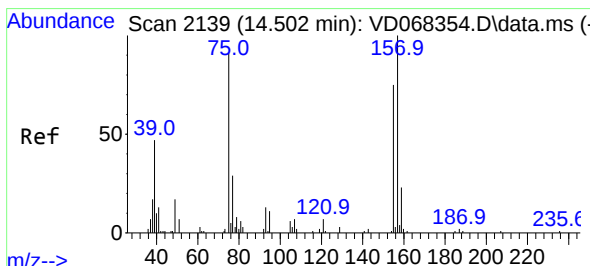
Tgt Ion:146 Resp: 351951
Ion Ratio Lower Upper
146 100
111 42.7 20.3 60.9
148 63.9 31.7 95.1



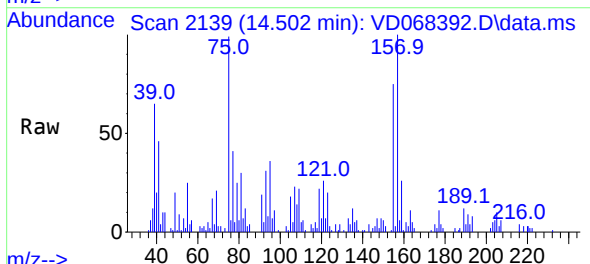
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

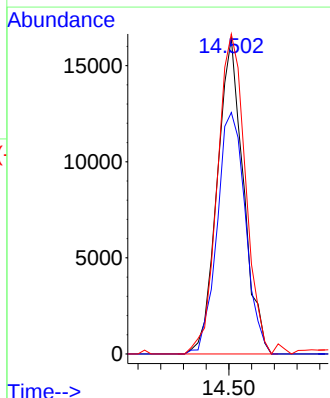
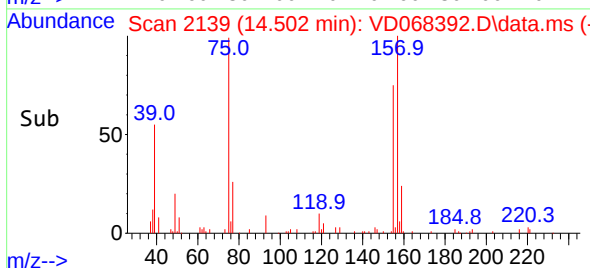
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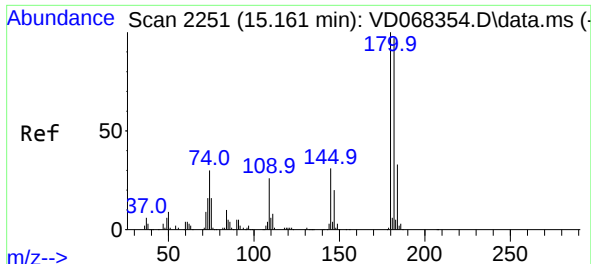


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.32 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24



Tgt Ion: 75 Resp: 26222
Ion Ratio Lower Upper
75 100
155 82.8 48.0 144.2
157 108.6 65.0 194.8





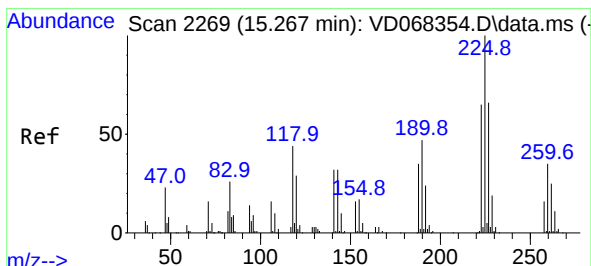
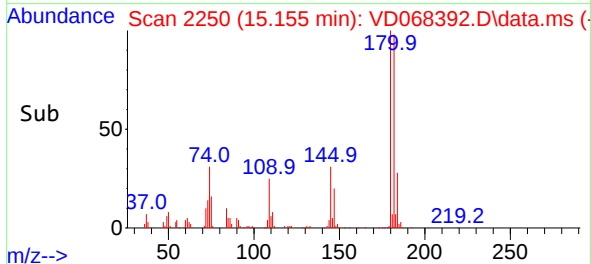
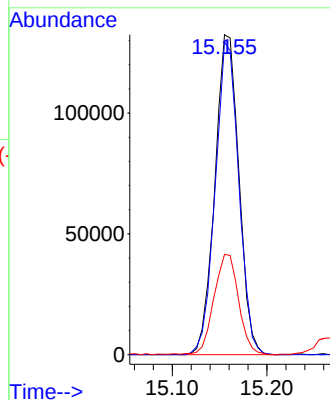
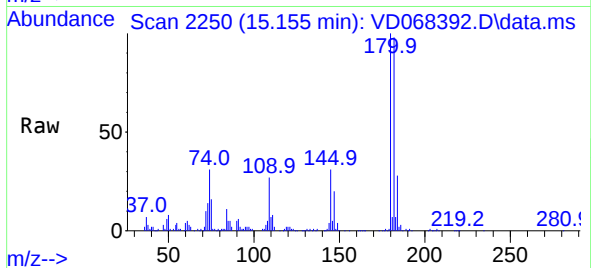
#93
1,2,4-Trichlorobenzene
Concen: 48.97 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:180 Resp: 233278
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.4
145 32.3 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

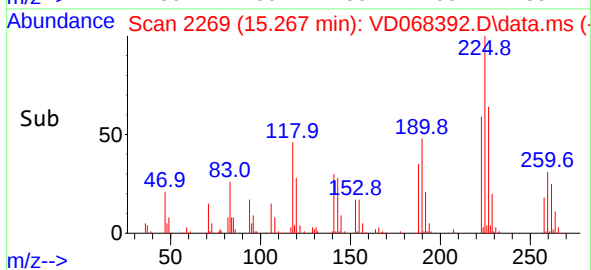
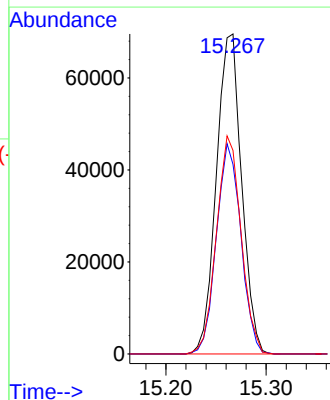
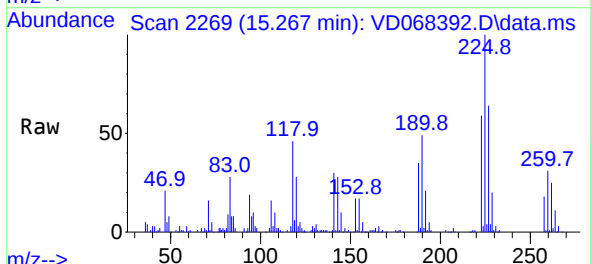
Manual Integrations
APPROVED

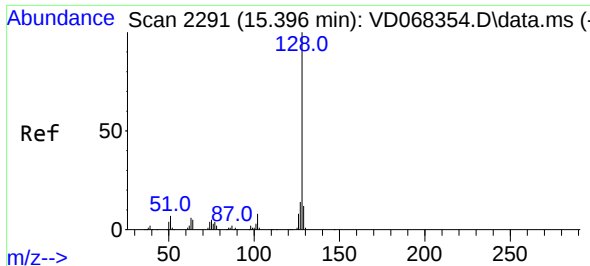
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#94
Hexachlorobutadiene
Concen: 46.42 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:225 Resp: 121643
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.5
227 66.7 32.1 96.5





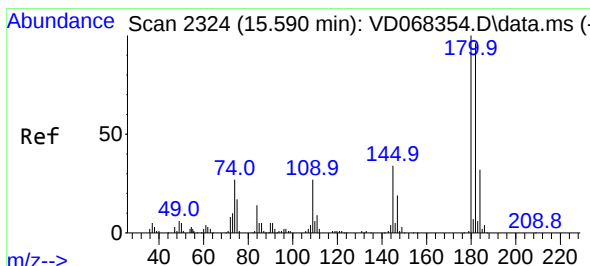
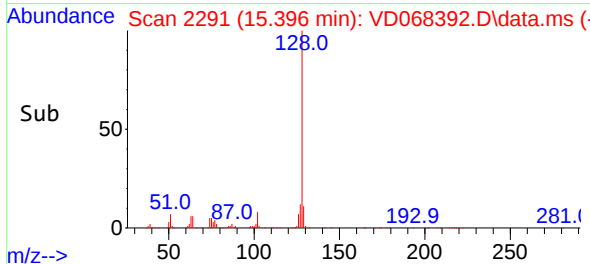
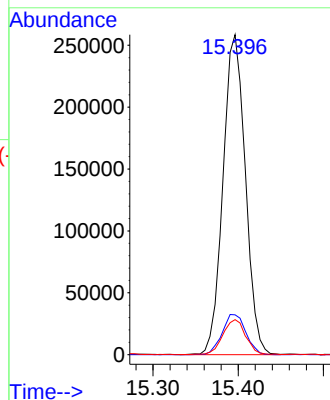
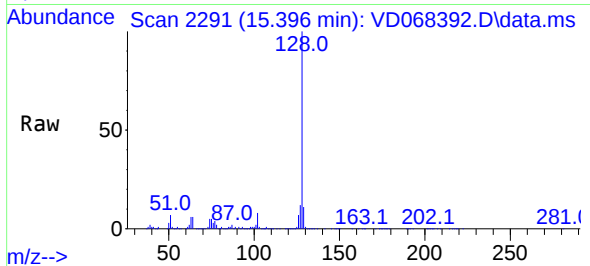
#95
Naphthalene
Concen: 53.20 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:128 Resp: 471191
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.4 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

SAM
2/18/2021 2:56:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.45 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068392.D
Acq: 17 Feb 2021 19:24

Tgt Ion:180 Resp: 205499
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.8
145 32.8 16.7 50.1

