

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021221\
 Data File : VD068355.D
 Acq On : 12 Feb 2021 12:31
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 2/15/2021 10:25:28 AM

Quant Time: Feb 12 12:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 12:24:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	429738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	732798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	679095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310801	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	459122	109.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 218.42%#	
35) Dibromofluoromethane	7.920	113	470322	113.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 226.84%#	
50) Toluene-d8	10.344	98	1912719	113.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 227.76%#	
62) 4-Bromofluorobenzene	12.632	95	613255	104.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 208.58%#	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	344394	70.93	ug/l	97
3) Chloromethane	2.209	50	413987	77.86	ug/l	96
4) Vinyl Chloride	2.350	62	517476	87.01	ug/l	97
5) Bromomethane	2.756	94	359356	87.74	ug/l	99
6) Chloroethane	2.921	64	340439	92.77	ug/l	96
7) Trichlorofluoromethane	3.273	101	639214	82.43	ug/l	97
8) Diethyl Ether	3.709	74	198476	86.67	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	392901	86.44	ug/l	94
10) Methyl Iodide	4.303	142	441445	102.96	ug/l	94
11) Tert butyl alcohol	5.226	59	107761	201.89	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	375296	82.52	ug/l	94
13) Acrolein	3.926	56	141360	443.81	ug/l	98
14) Allyl chloride	4.715	41	508160	77.98	ug/l	97
15) Acrylonitrile	5.420	53	432413	474.09	ug/l	98
16) Acetone	4.162	43	332605	462.34	ug/l	95
17) Carbon Disulfide	4.415	76	1073070	74.63	ug/l	100
18) Methyl Acetate	4.720	43	181997	97.26	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	911155	86.94	ug/l #	91
20) Methylene Chloride	4.968	84	449730	77.97	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	441650	84.37	ug/l	93
22) Diisopropyl ether	6.367	45	1153849	86.68	ug/l	94
23) Vinyl Acetate	6.309	43	3159570	447.19	ug/l	98
24) 1,1-Dichloroethane	6.267	63	767567	88.11	ug/l	99
25) 2-Butanone	7.214	43	472646	440.89	ug/l	100
26) 2,2-Dichloropropane	7.214	77	655989	80.73	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	511129	89.60	ug/l	96
28) Bromochloromethane	7.550	49	340108	108.86	ug/l	81
29) Tetrahydrofuran	7.567	42	302338	437.42	ug/l	98
30) Chloroform	7.714	83	799337	90.38	ug/l	100
31) Cyclohexane	7.985	56	631921	74.25	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	690035	87.12	ug/l	96
36) 1,1-Dichloropropene	8.114	75	602329	84.21	ug/l	98
37) Ethyl Acetate	7.297	43	220028	87.05	ug/l	97
38) Carbon Tetrachloride	8.103	117	593756	88.44	ug/l	98
39) Methylcyclohexane	9.356	83	758676	81.98	ug/l	99
40) Benzene	8.356	78	1772436	88.28	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	120891	79.85	ug/l	93
42) 1,2-Dichloroethane	8.426	62	479751	89.38	ug/l	99
43) Isopropyl Acetate	8.456	43	429632	82.40	ug/l	97
44) Trichloroethene	9.114	130	476332	86.48	ug/l	100
45) 1,2-Dichloropropane	9.391	63	437787	89.12	ug/l	99
46) Dibromomethane	9.479	93	235702	94.10	ug/l	93
47) Bromodichloromethane	9.667	83	619494	91.71	ug/l	99
48) Methyl methacrylate	9.456	41	218280	85.42	ug/l	96
49) 1,4-Dioxane	9.467	88	56047	1893.17	ug/l	98
51) 4-Methyl-2-Pentanone	10.232	43	1103748	450.42	ug/l	99
52) Toluene	10.408	92	1163383	89.11	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	591322	87.56	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	702728	87.17	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	332799	93.63	ug/l	93
56) Ethyl methacrylate	10.661	69	415959	88.93	ug/l	98
57) 1,3-Dichloropropane	10.950	76	578576	92.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	1132135	507.20	ug/l	92
59) 2-Hexanone	10.985	43	755285	445.20	ug/l	99
60) Dibromochloromethane	11.144	129	414873	93.28	ug/l	99
61) 1,2-Dibromoethane	11.250	107	322909	92.39	ug/l	100
64) Tetrachloroethene	10.879	164	377223	81.38	ug/l	96
65) Chlorobenzene	11.673	112	1237669	88.07	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	445218	90.24	ug/l	97
67) Ethyl Benzene	11.744	91	2273772	87.63	ug/l	99
68) m/p-Xylenes	11.855	106	1717141	175.49	ug/l	100
69) o-Xylene	12.179	106	805600	88.55	ug/l	95
70) Styrene	12.197	104	1386898	89.40	ug/l	98
71) Bromoform	12.361	173	226177	90.00	ug/l #	99
73) Isopropylbenzene	12.479	105	2179848	86.51	ug/l	100
74) N-amyl acetate	12.285	43	408565	79.49	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	370596	91.68	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	279562m	96.13	ug/l	
77) Bromobenzene	12.761	156	479379	88.65	ug/l	90
78) n-propylbenzene	12.820	91	2602844	87.23	ug/l	97
79) 2-Chlorotoluene	12.908	91	1436474	85.91	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	1778556	84.85	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	121933	85.38	ug/l	95
82) 4-Chlorotoluene	13.002	91	1513383	86.92	ug/l	97
83) tert-Butylbenzene	13.220	119	1579225	88.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	1803813	86.69	ug/l	99
85) sec-Butylbenzene	13.402	105	2182075	87.35	ug/l	99
86) p-Isopropyltoluene	13.514	119	1994288	88.06	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	938127	89.87	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	913302	89.00	ug/l	99
89) n-Butylbenzene	13.844	91	1917200	88.22	ug/l	98
90) Hexachloroethane	14.108	117	365063	89.74	ug/l	89
91) 1,2-Dichlorobenzene	13.885	146	812815	90.95	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	54991	83.96	ug/l	90
93) 1,2,4-Trichlorobenzene	15.161	180	544447	89.26	ug/l	100
94) Hexachlorobutadiene	15.261	225	298806	88.16	ug/l	99
95) Naphthalene	15.396	128	1049728	91.61	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	471536	91.20	ug/l	98

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

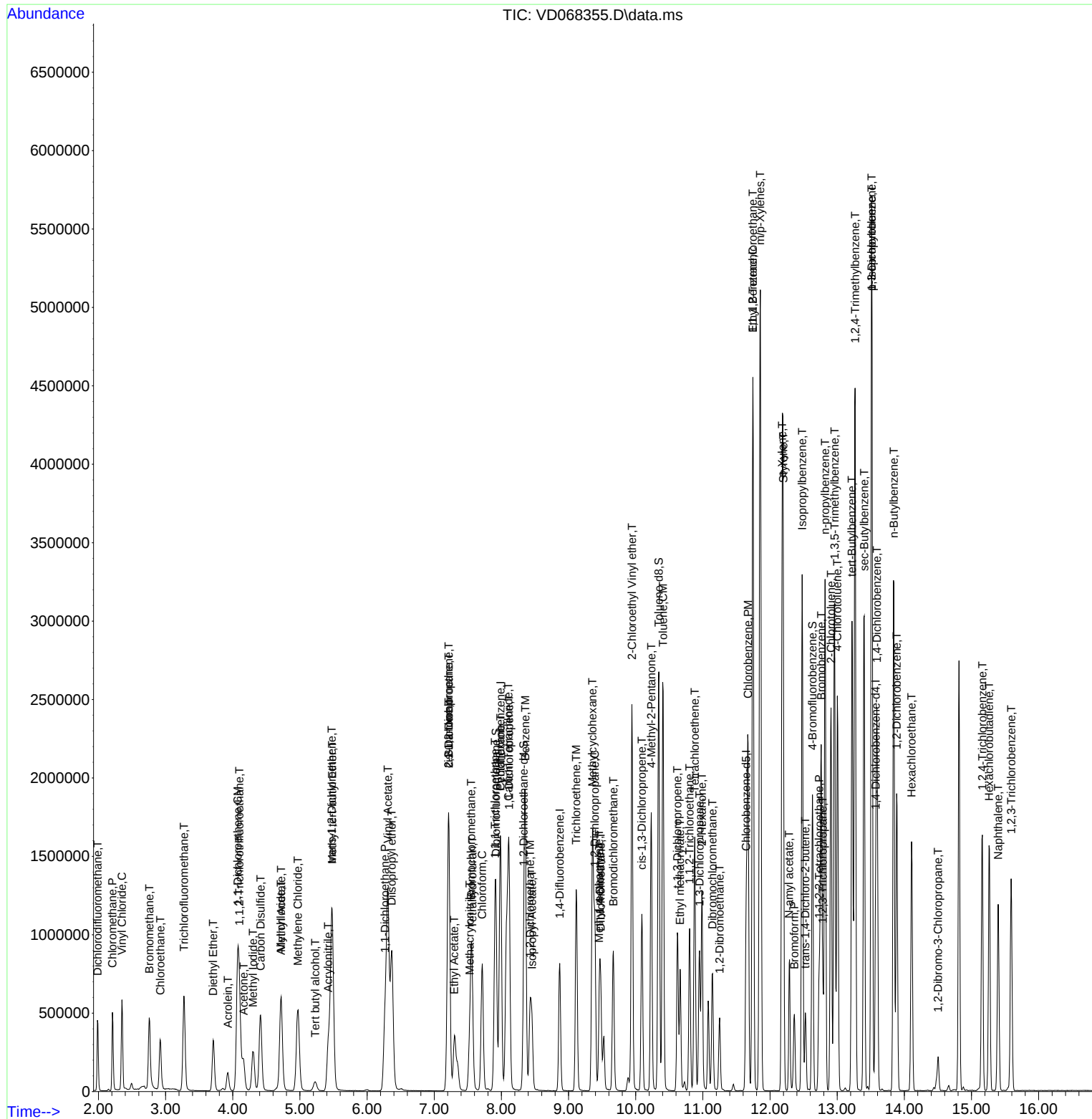
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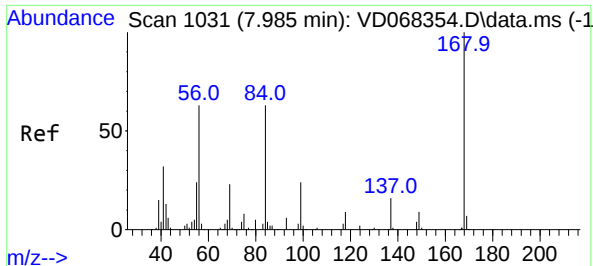
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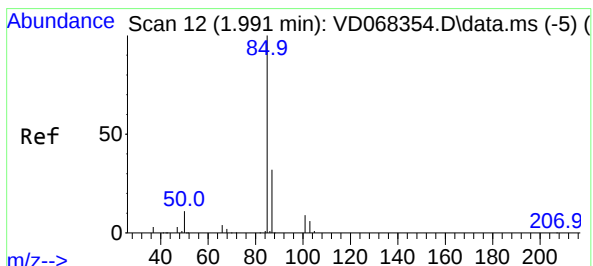
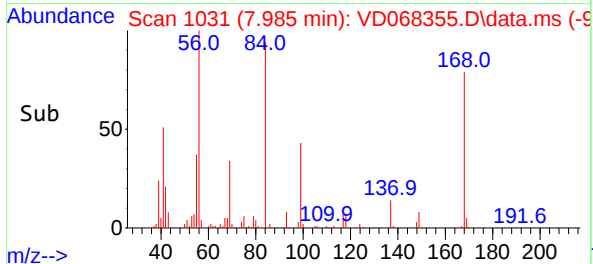
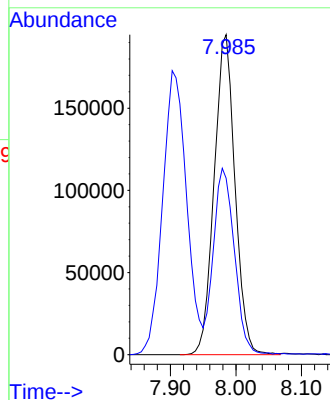
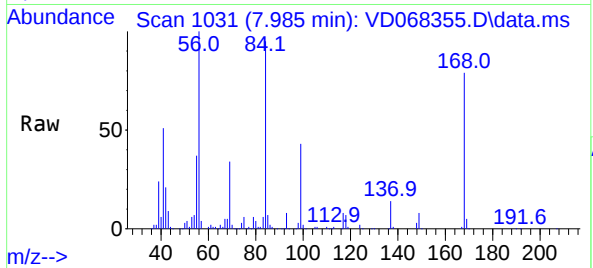
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 168 Resp: 429738
Ion Ratio Lower Upper
168 100
99 54.9 43.5 65.3

Instrument :
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ClientSampleId :
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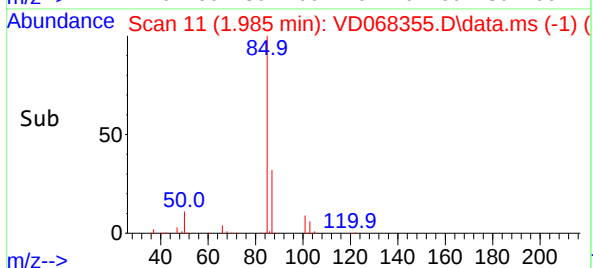
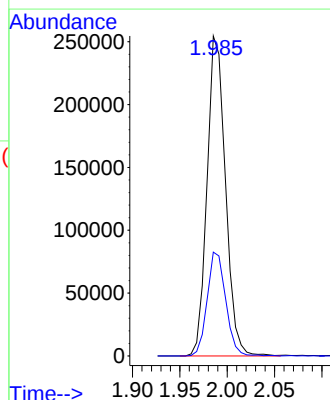
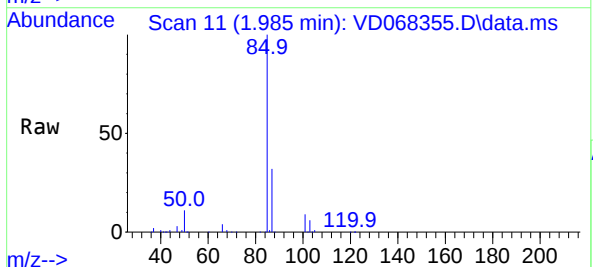
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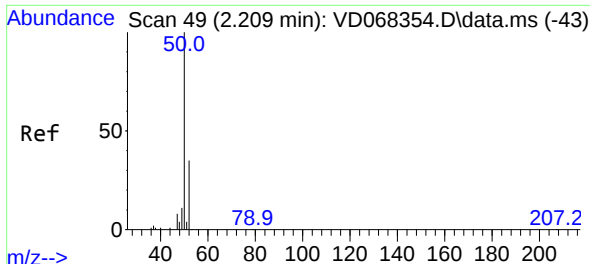
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#2
Dichlorodifluoromethane
Concen: 70.93 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

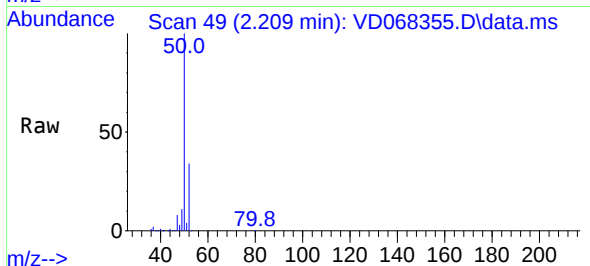
Tgt Ion: 85 Resp: 344394
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.1



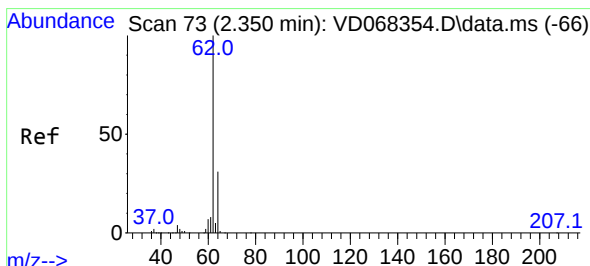
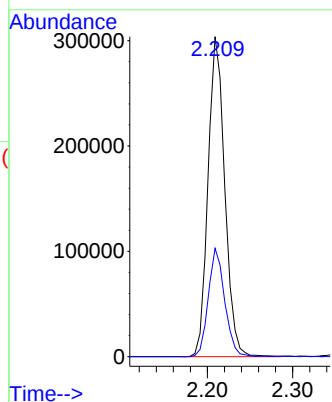
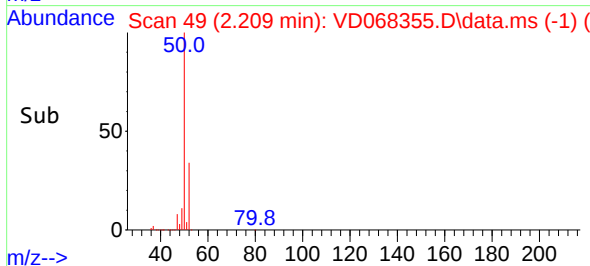


#3
Chloromethane
Concen: 77.86 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

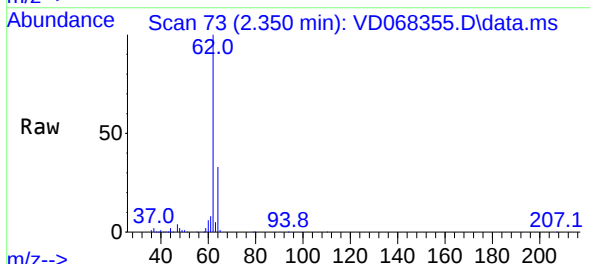
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



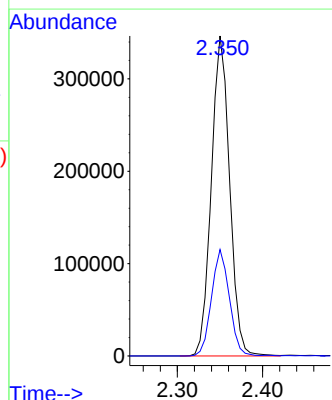
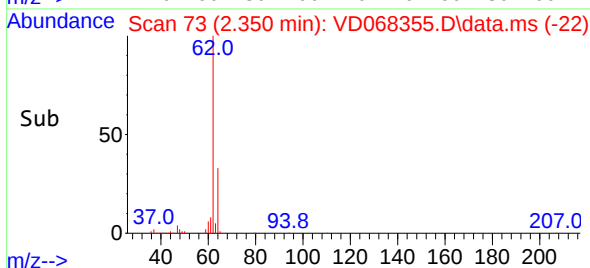
Tgt Ion: 50 Resp: 413987
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

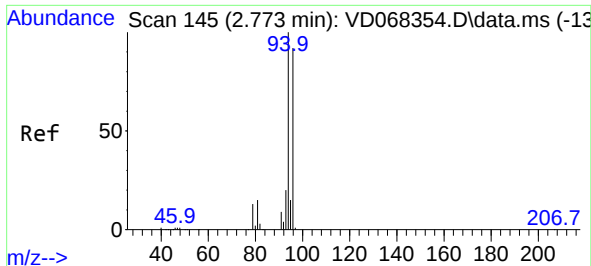


#4
Vinyl Chloride
Concen: 87.01 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



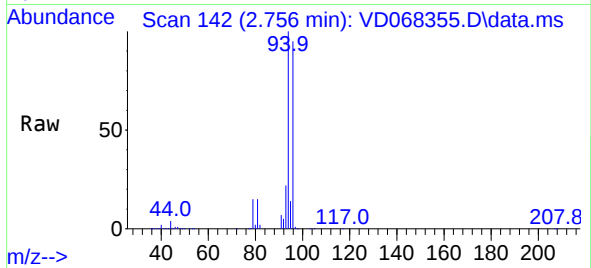
Tgt Ion: 62 Resp: 517476
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2





#5
Bromomethane
Concen: 87.74 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

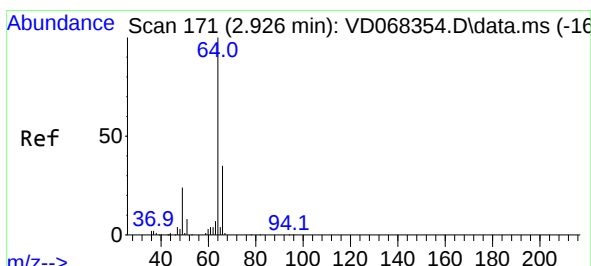
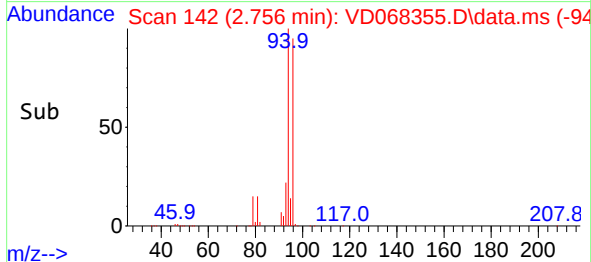
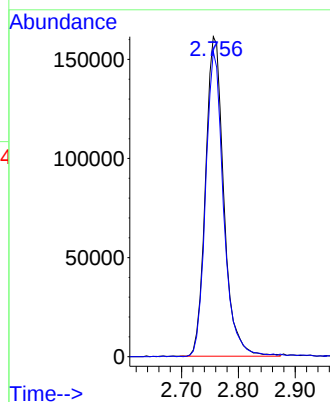
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Tgt Ion: 94 Resp: 359356
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.8

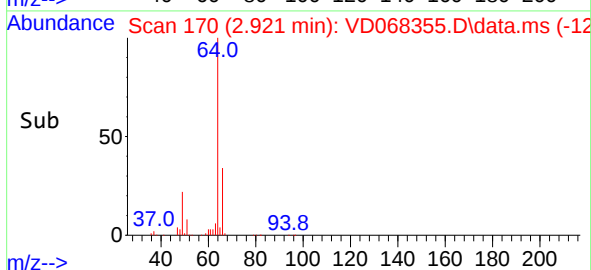
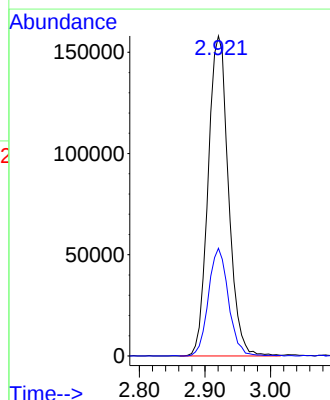
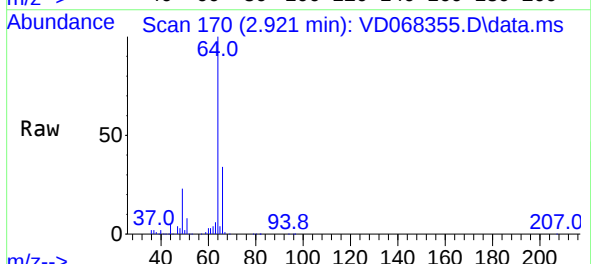
Manual Integrations
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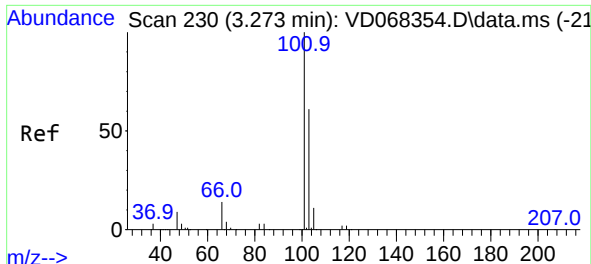
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#6
Chloroethane
Concen: 92.77 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 64 Resp: 340439
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





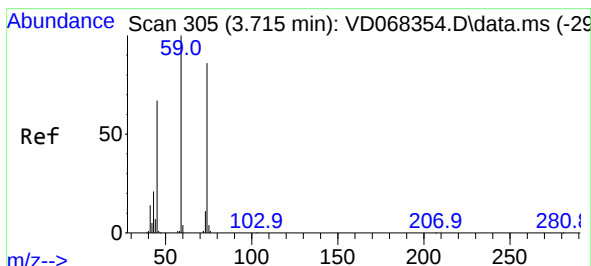
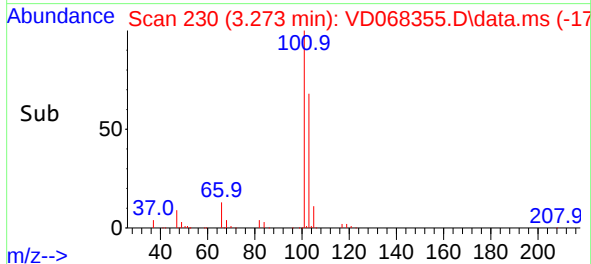
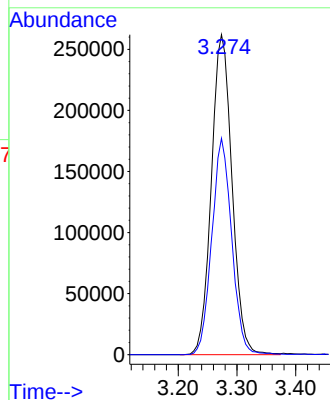
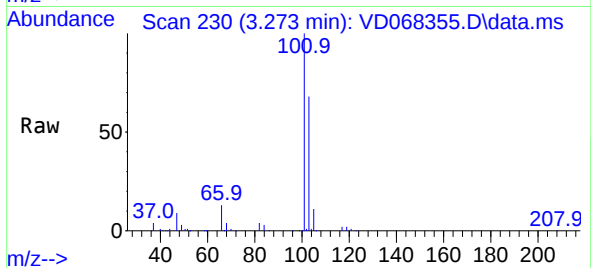
#7
Trichlorofluoromethane
Concen: 82.43 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:101 Resp: 639214
Ion Ratio Lower Upper
101 100
103 67.6 52.0 78.0

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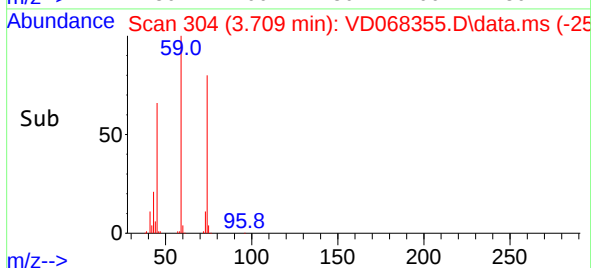
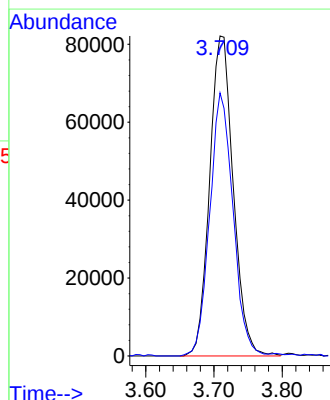
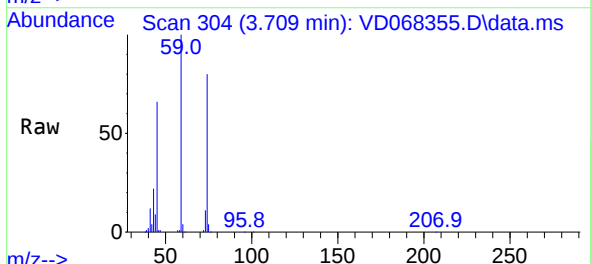
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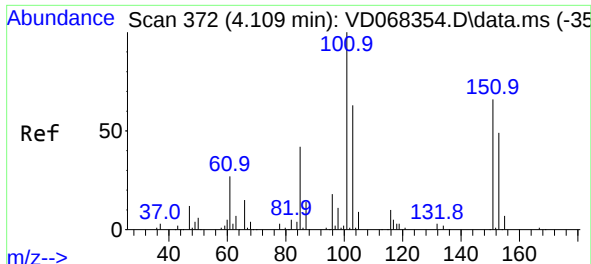
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2/15/2021 10:25:28 AM



#8
Diethyl Ether
Concen: 86.67 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 74 Resp: 198476
Ion Ratio Lower Upper
74 100
45 81.0 42.1 126.4





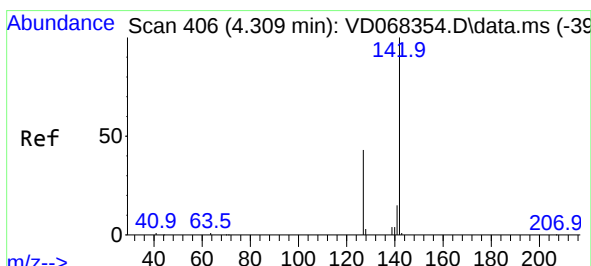
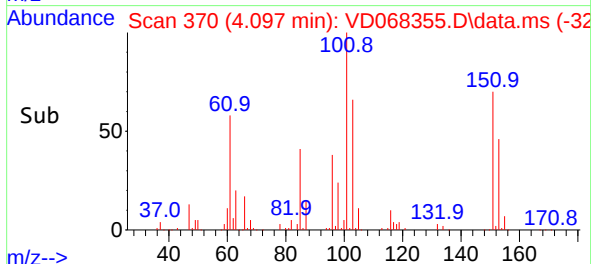
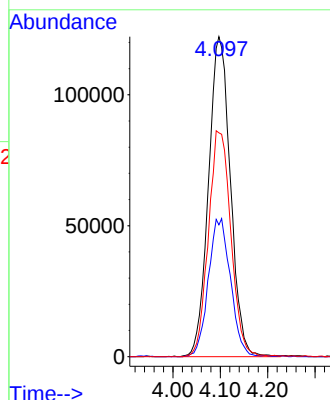
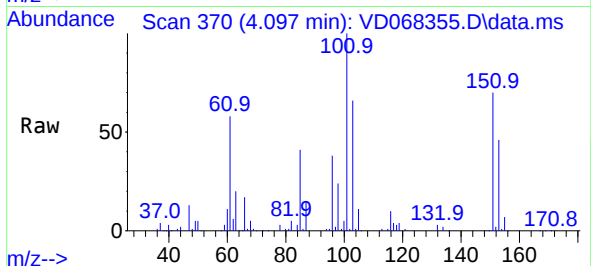
#9
1,1,2-Trichlorotrifluoroethane
Concen: 86.44 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:101 Resp: 392901
Ion Ratio Lower Upper
101 100
85 43.6 34.0 51.0
151 72.3 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

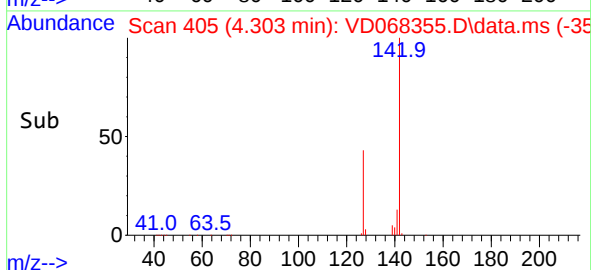
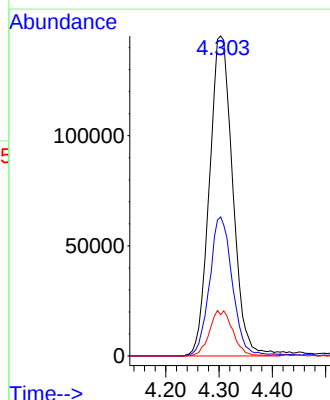
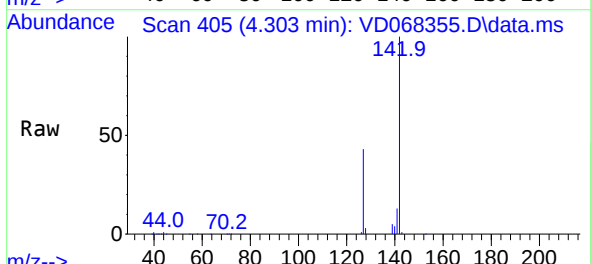
Manual Integrations
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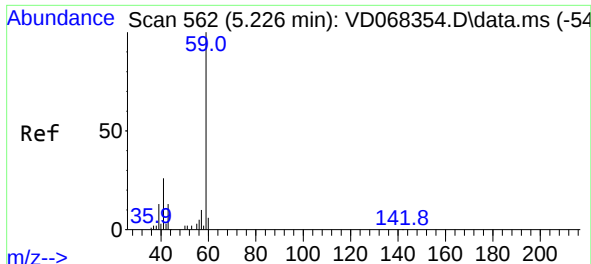
MMDadoda
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#10
Methyl Iodide
Concen: 102.96 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

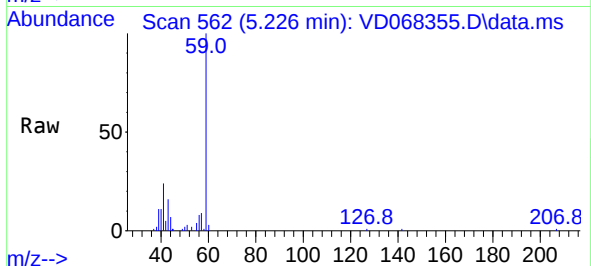
Tgt Ion:142 Resp: 441445
Ion Ratio Lower Upper
142 100
127 42.4 37.9 56.9
141 14.1 11.5 17.3



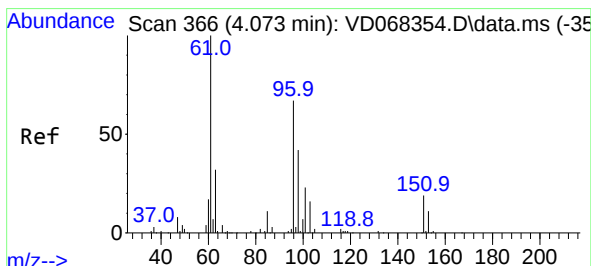
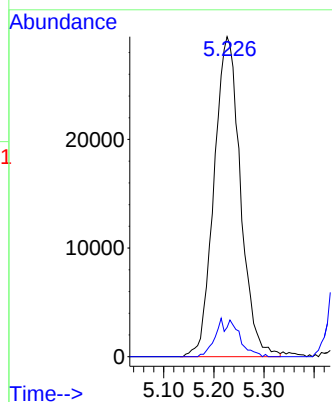
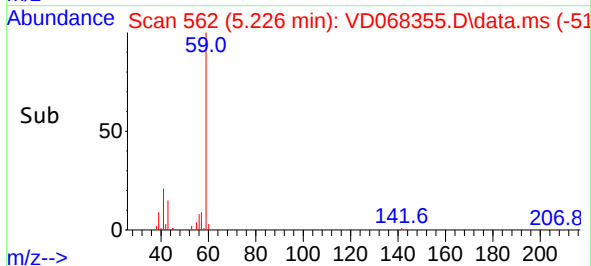


#11
Tert butyl alcohol
Concen: 201.89 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

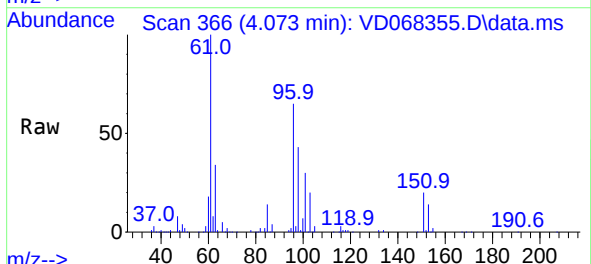
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



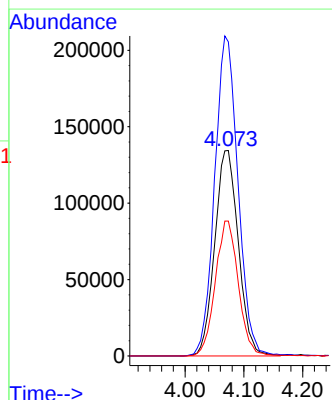
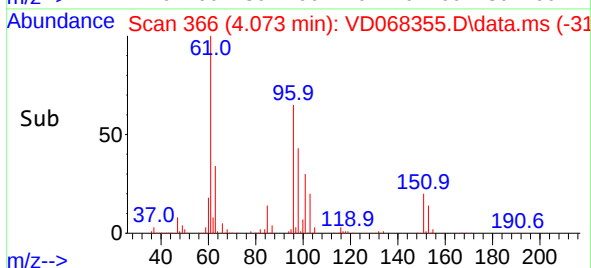
Tgt Ion: 59 Resp: 107761
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

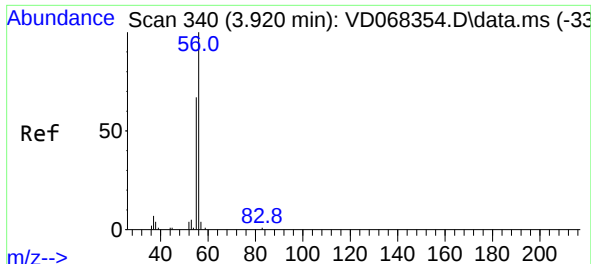


#12
1,1-Dichloroethene
Concen: 82.52 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion: 96 Resp: 375296
Ion Ratio Lower Upper
96 100
61 152.8 116.2 174.4
98 65.7 48.6 73.0





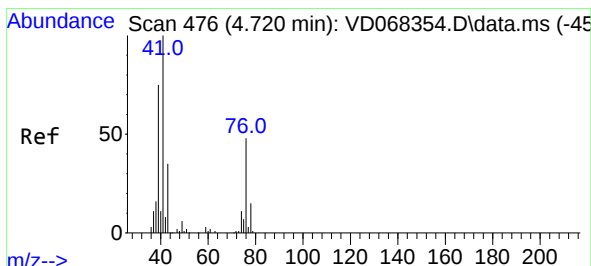
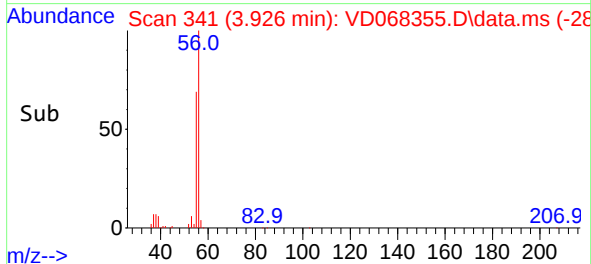
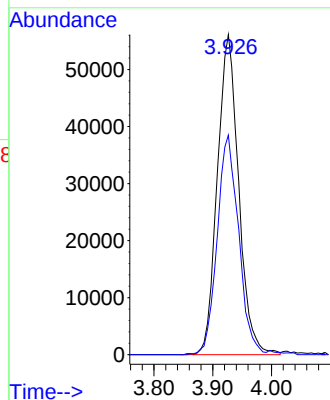
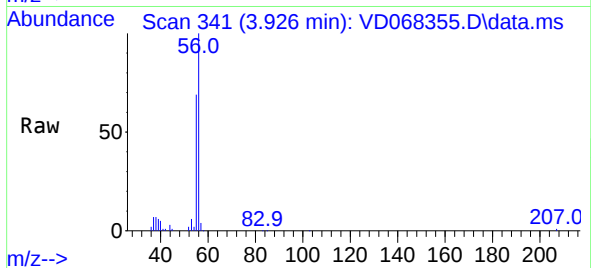
#13
Acrolein
Concen: 443.81 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 56 Resp: 141360
Ion Ratio Lower Upper
56 100
55 68.9 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

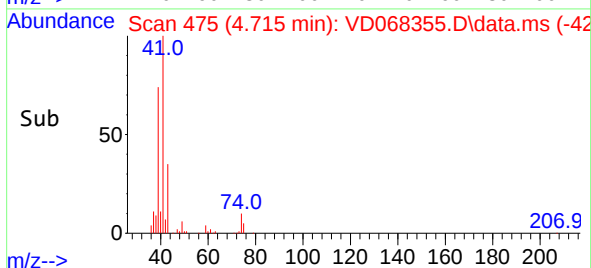
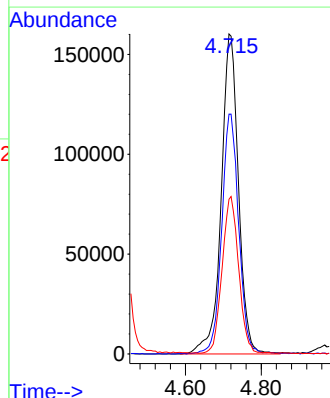
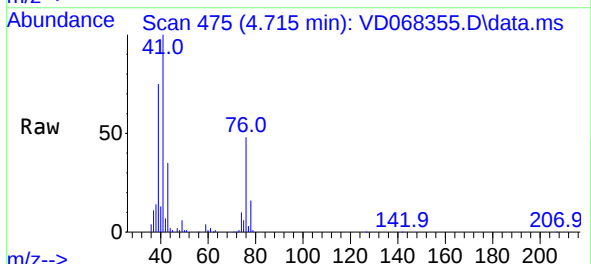
Manual Integrations
APPROVED

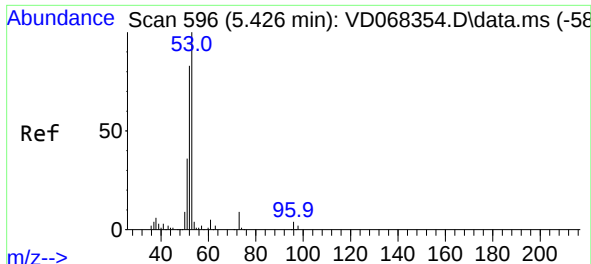
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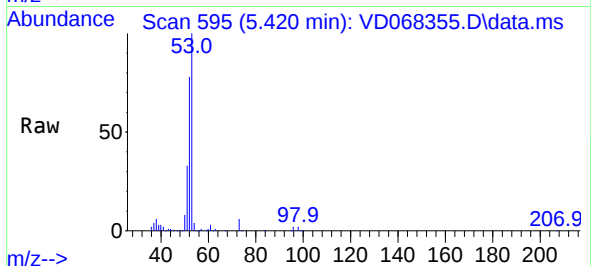
#14
Allyl chloride
Concen: 77.98 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 41 Resp: 508160
Ion Ratio Lower Upper
41 100
39 73.7 56.3 84.5
76 47.1 38.9 58.3

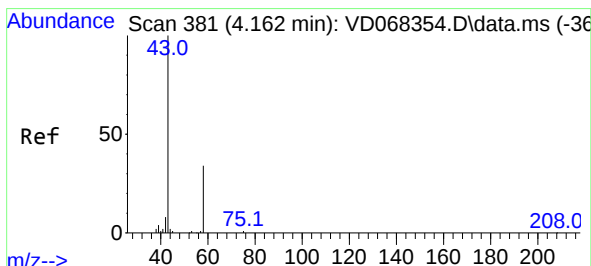
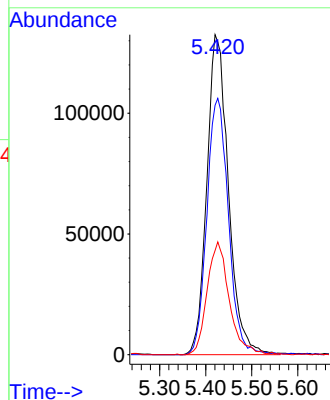
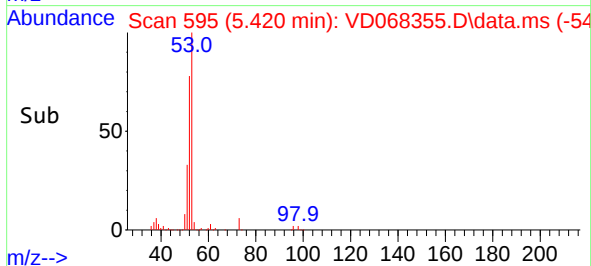




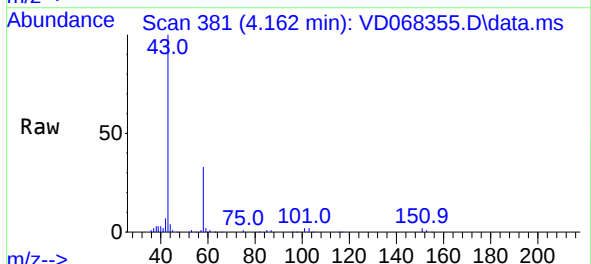
#15
Acrylonitrile
Concen: 474.09 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



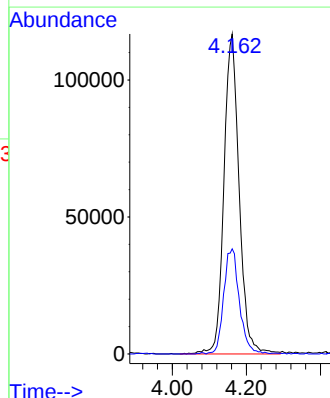
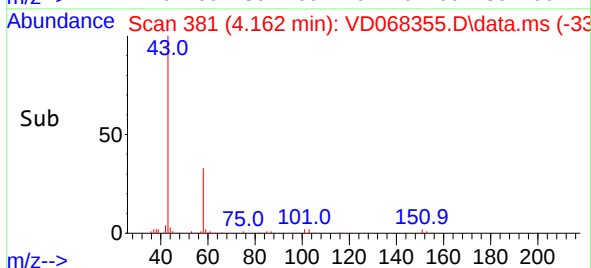
Tgt Ion: 53 Resp: 432413
Ion Ratio Lower Upper
53 100
52 80.0 66.2 99.2
51 36.0 29.0 43.4



#16
Acetone
Concen: 462.34 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



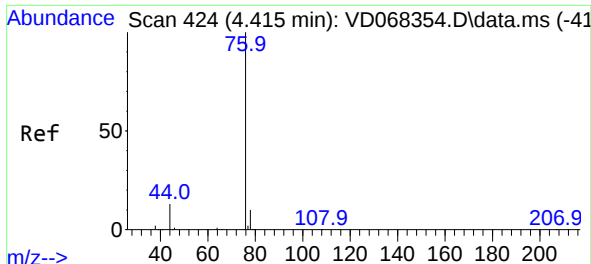
Tgt Ion: 43 Resp: 332605
Ion Ratio Lower Upper
43 100
58 32.9 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

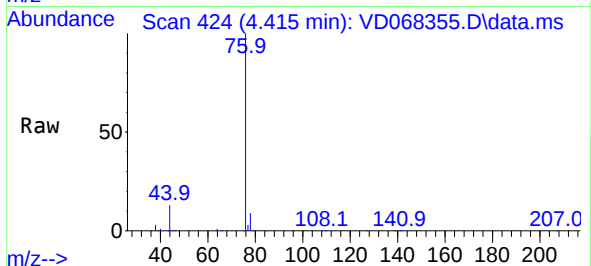
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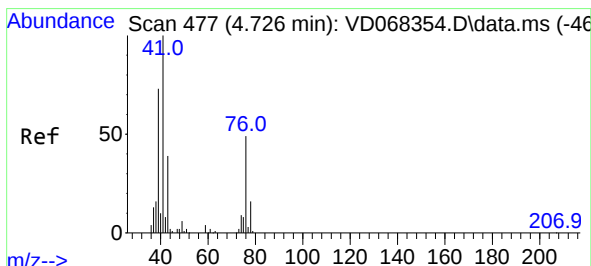
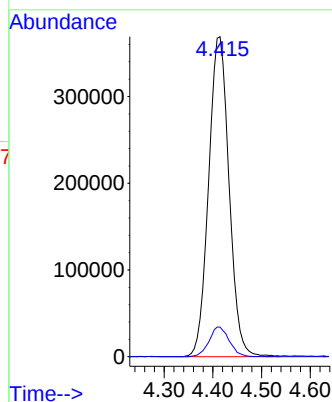
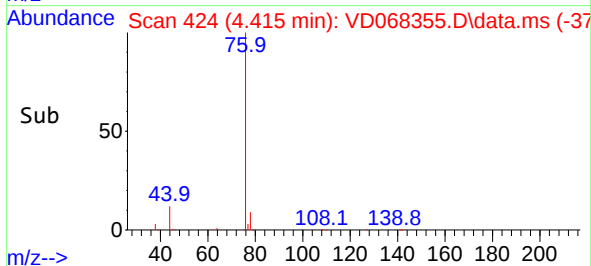


#17
Carbon Disulfide
Concen: 74.63 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

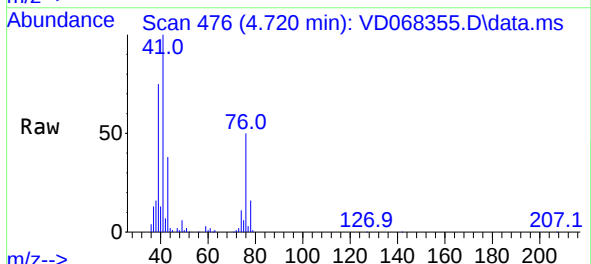
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



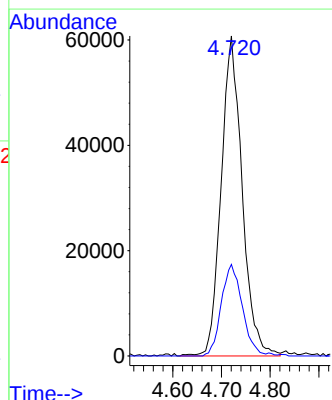
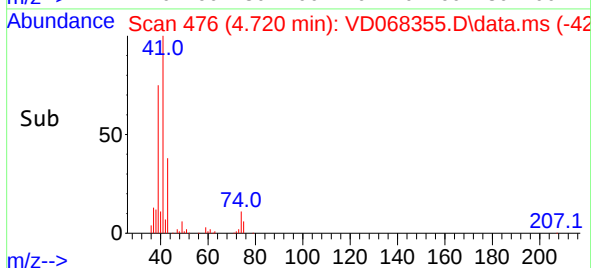
Tgt Ion: 76 Resp: 1073070
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

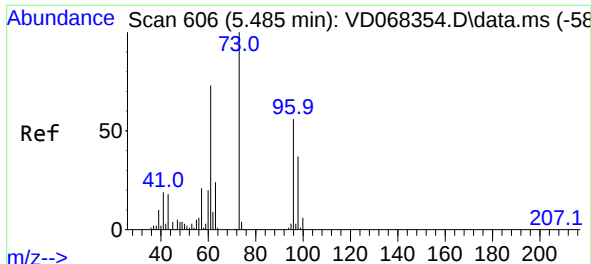


#18
Methyl Acetate
Concen: 97.26 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



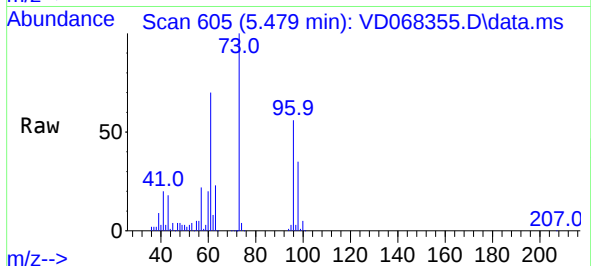
Tgt Ion: 43 Resp: 181997
Ion Ratio Lower Upper
43 100
74 28.8 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 86.94 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

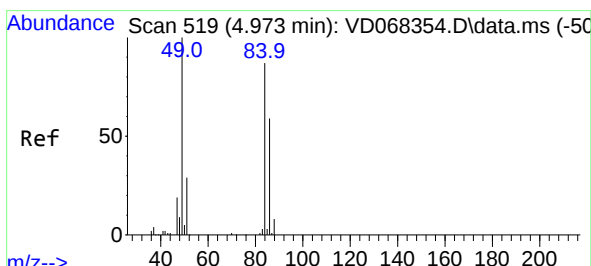
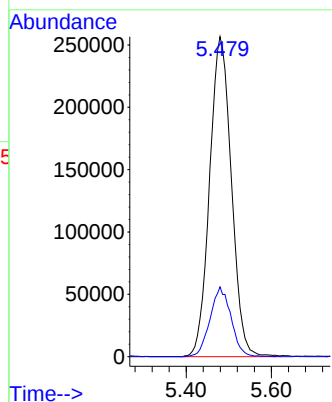
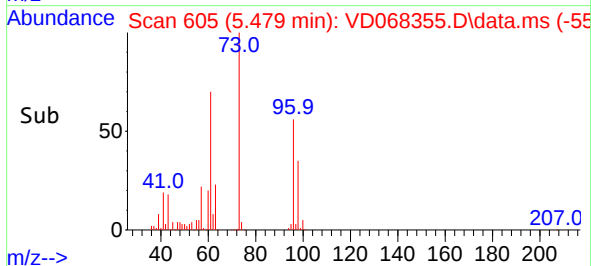
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



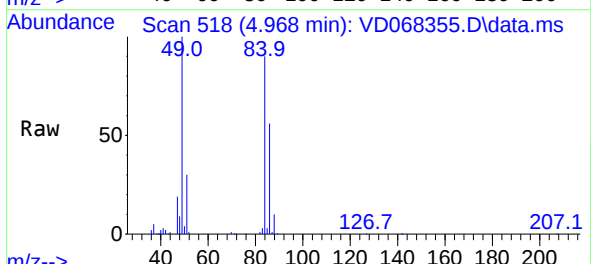
Tgt Ion: 73 Resp: 911155
Ion Ratio Lower Upper
73 100
57 21.8 14.4 21.6#

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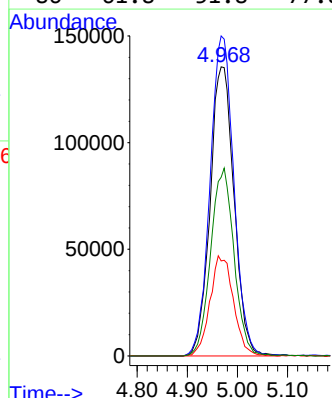
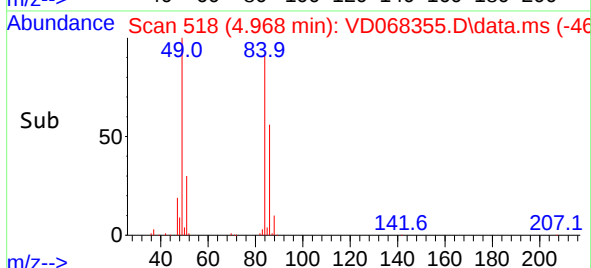
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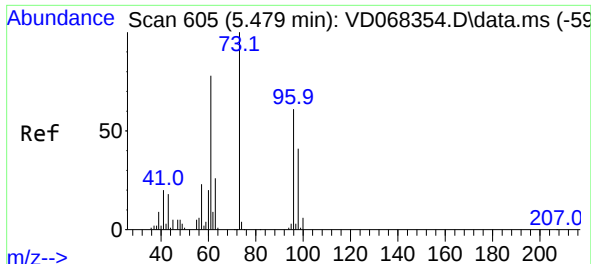


#20
Methylene Chloride
Concen: 77.97 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



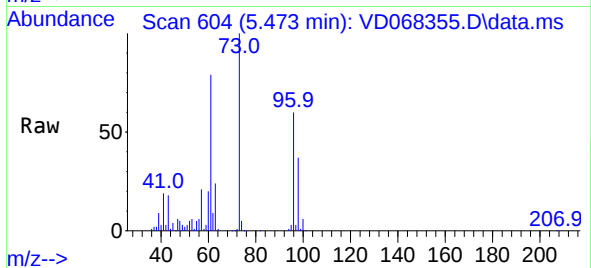
Tgt Ion: 84 Resp: 449730
Ion Ratio Lower Upper
84 100
49 110.7 77.4 116.2
51 32.9 26.1 39.1
86 61.8 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 84.37 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

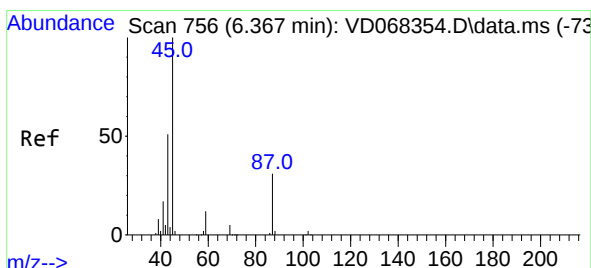
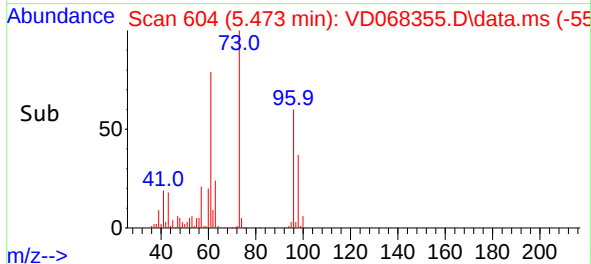
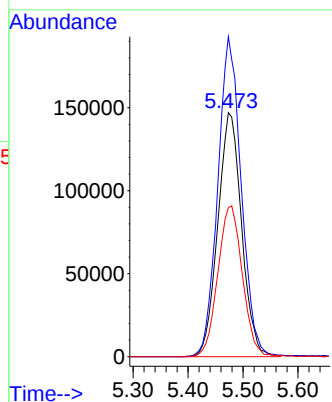
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 441650
Ion Ratio Lower Upper
96 100
61 131.2 96.7 145.1
98 61.1 47.6 71.4

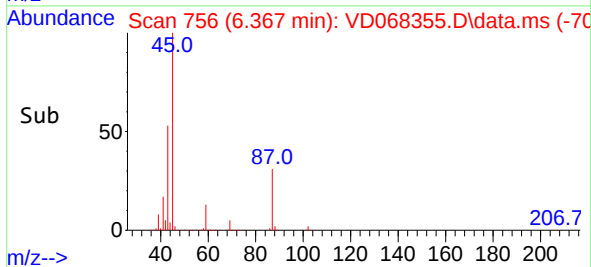
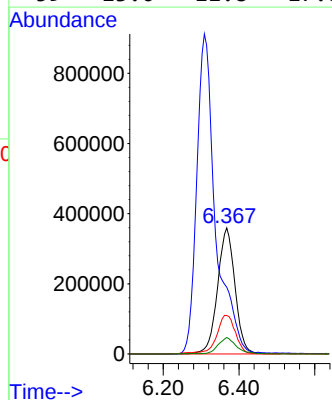
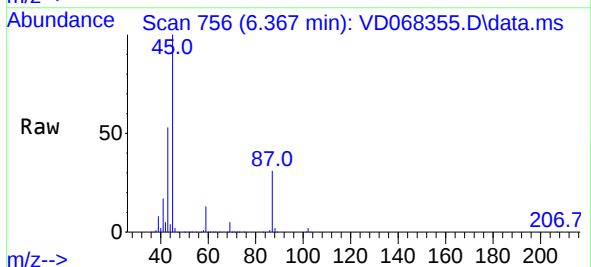
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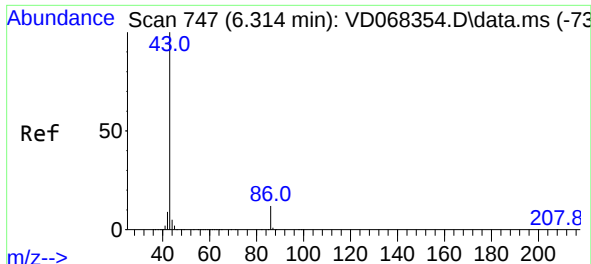
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#22
Diisopropyl ether
Concen: 86.68 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

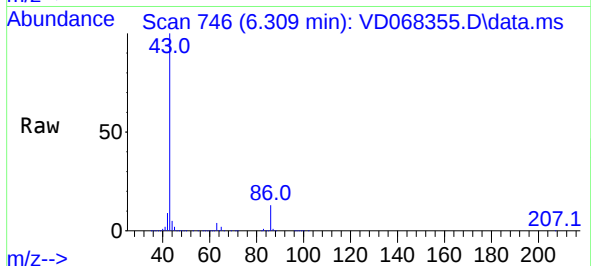
Tgt Ion: 45 Resp: 1153849
Ion Ratio Lower Upper
45 100
43 52.5 43.9 65.9
87 30.4 29.9 44.9
59 13.0 11.8 17.8





#23
Vinyl Acetate
Concen: 447.19 ug/l
RT: 6.309 min Scan# 746
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

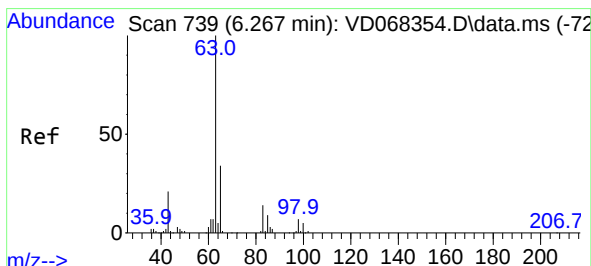
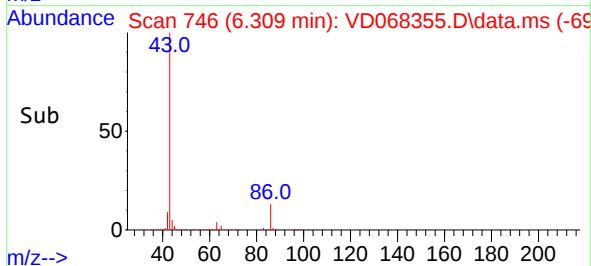
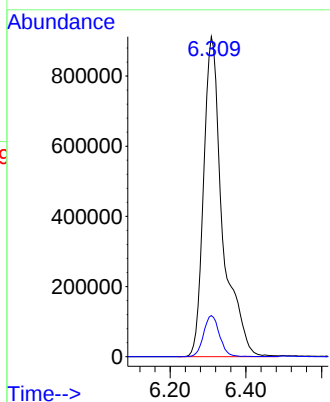
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 3159570
Ion Ratio Lower Upper
43 100
86 12.8 10.8 16.2

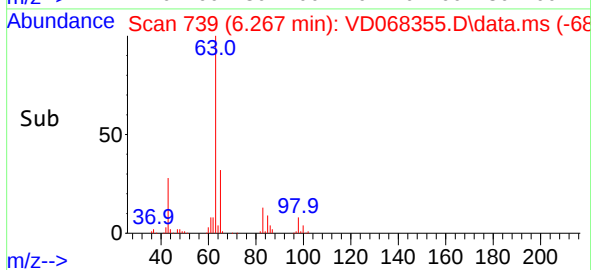
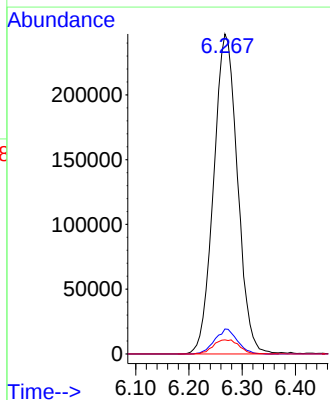
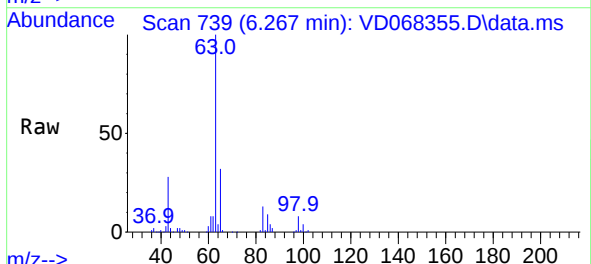
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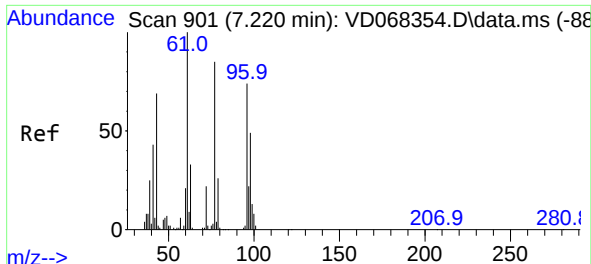
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#24
1,1-Dichloroethane
Concen: 88.11 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 63 Resp: 767567
Ion Ratio Lower Upper
63 100
98 7.8 3.8 11.4
100 4.4 2.6 8.0





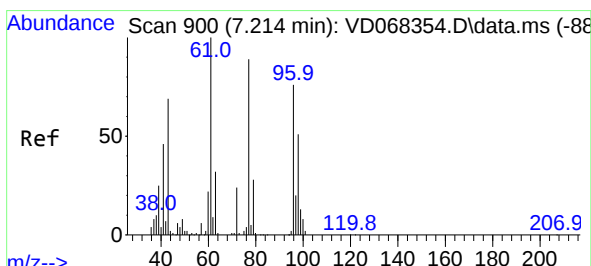
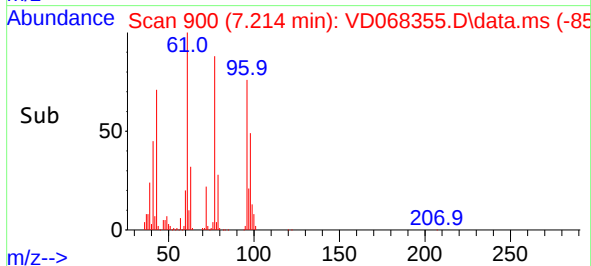
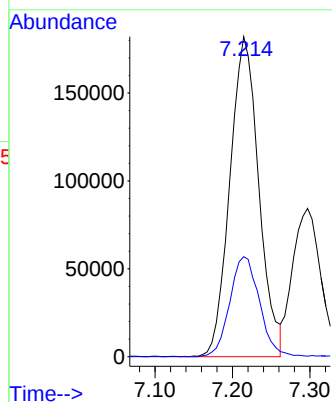
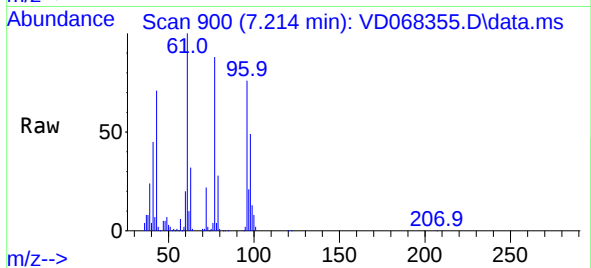
#25
2-Butanone
Concen: 440.89 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 43 Resp: 472646
Ion Ratio Lower Upper
43 100
72 31.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

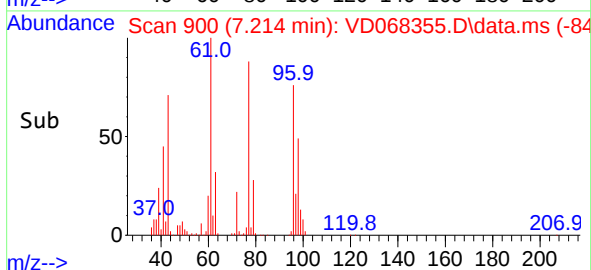
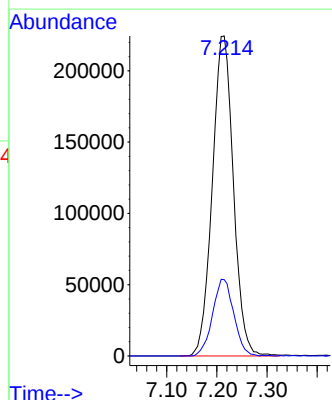
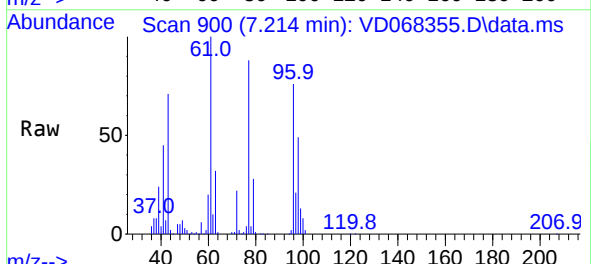
Manual Integrations
APPROVED

MMDadoda
2/15/2021 10:25:28 AM



#26
2,2-Dichloropropane
Concen: 80.73 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

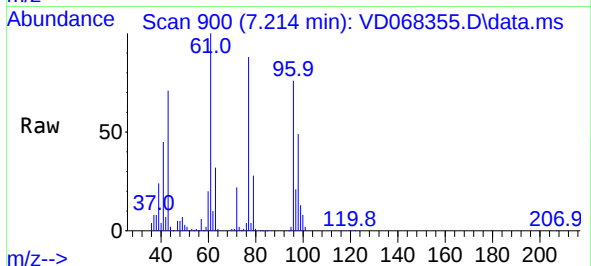
Tgt Ion: 77 Resp: 655989
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 89.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

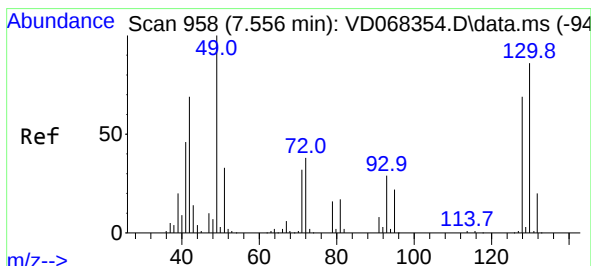
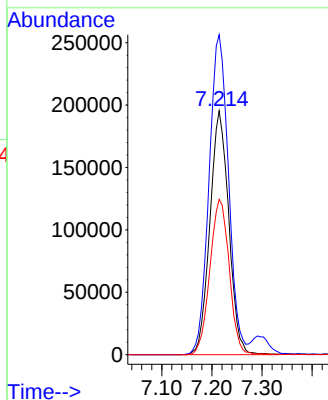
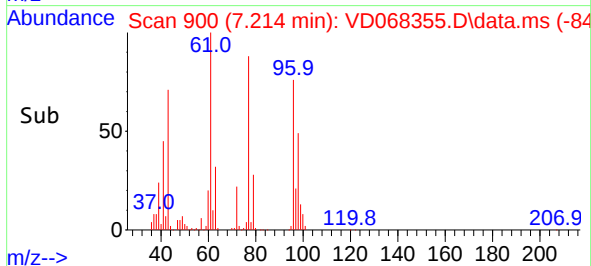
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



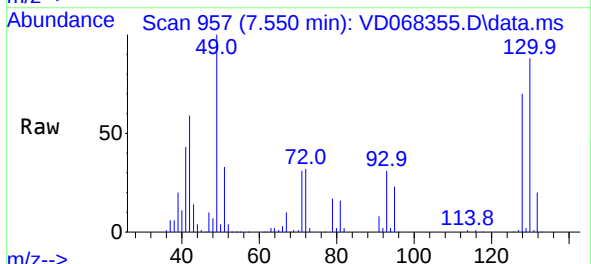
Tgt Ion: 96 Resp: 511129
Ion Ratio Lower Upper
96 100
61 135.0 0.0 257.4
98 65.0 0.0 126.6

Manual Integrations
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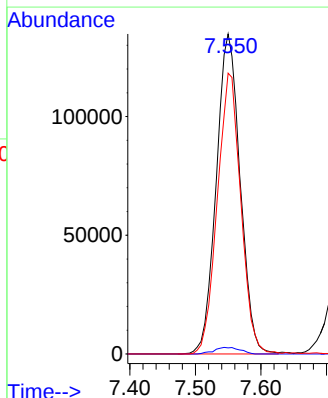
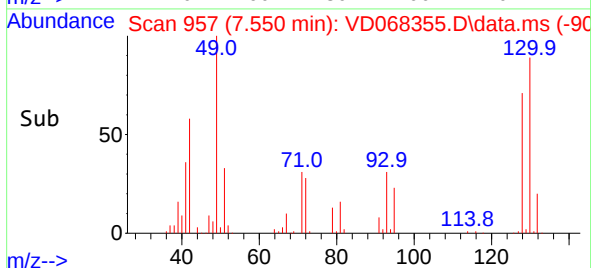
MMDadoda
2/15/2021 10:25:28 AM

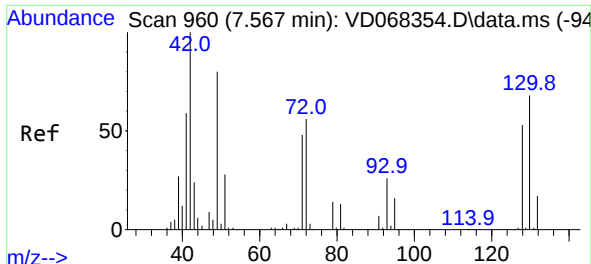


#28
Bromochloromethane
Concen: 108.86 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion: 49 Resp: 340108
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 86.2 85.5 128.3





#29

Tetrahydrofuran

Concen: 437.42 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.000 min

Lab File: VD068355.D

Acq: 12 Feb 2021 12:31

Tgt Ion: 42 Resp: 302338

Ion	Ratio	Lower	Upper
42	100		
72	52.5	43.4	65.0
71	49.8	40.8	61.2

Instrument :

MSVOA_D

ClientSampleId :

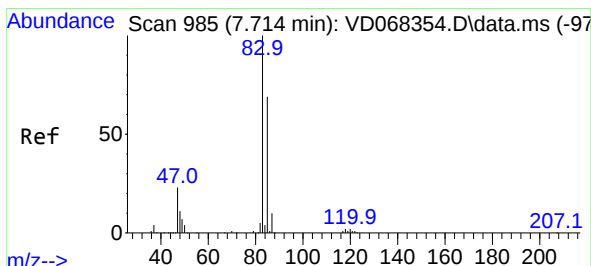
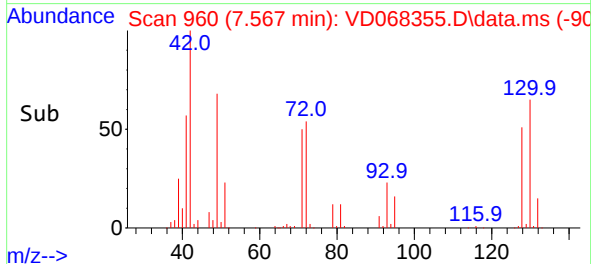
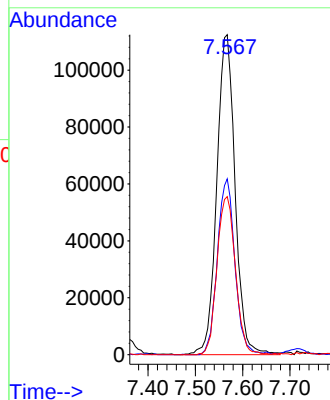
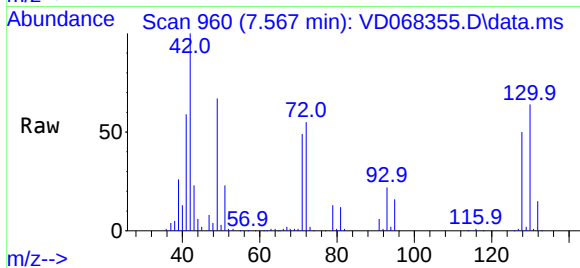
VSTDIC100

Manual Integrations

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MMDadoda

2/15/2021 10:25:28 AM



#30

Chloroform

Concen: 90.38 ug/l

RT: 7.714 min Scan# 985

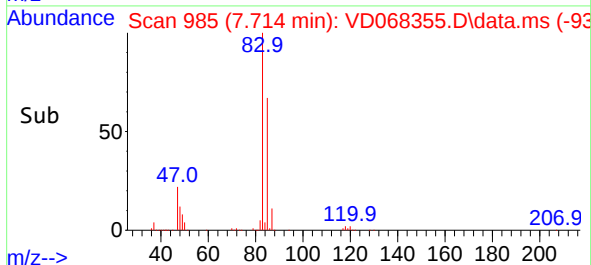
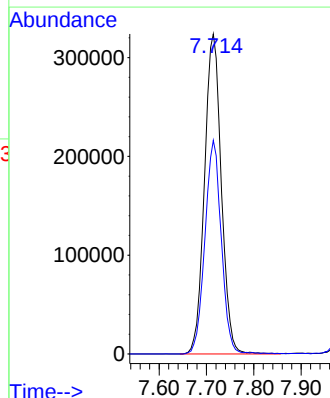
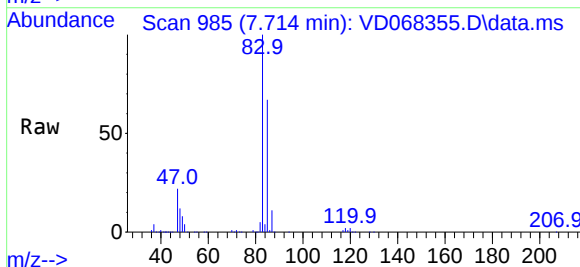
Delta R.T. 0.000 min

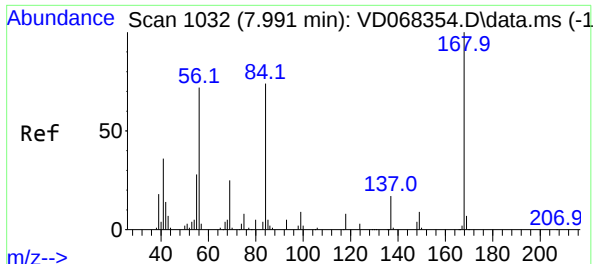
Lab File: VD068355.D

Acq: 12 Feb 2021 12:31

Tgt Ion: 83 Resp: 799337

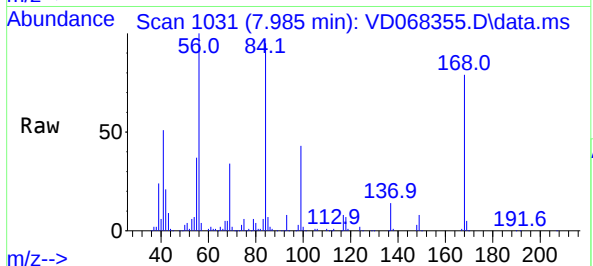
Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.4	80.0





#31
Cyclohexane
Concen: 74.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

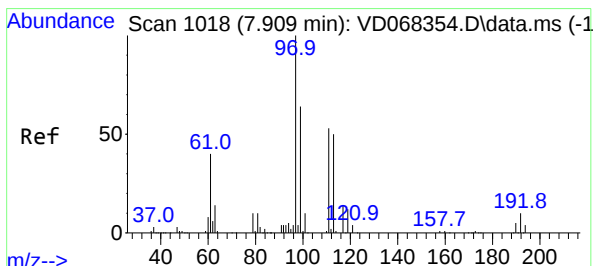
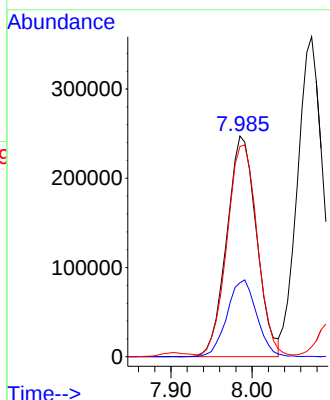
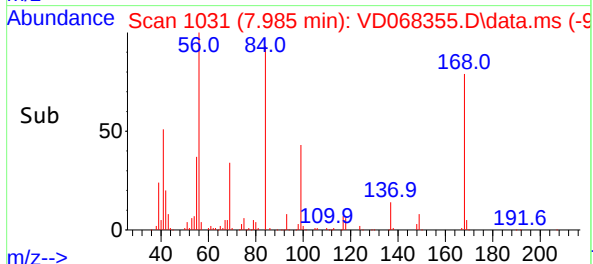
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



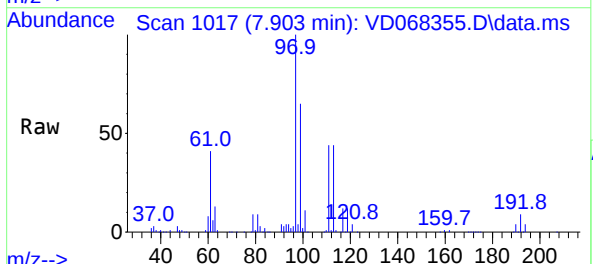
Tgt Ion: 56 Resp: 631921
Ion Ratio Lower Upper
56 100
69 33.5 30.1 45.1
84 93.6 82.1 123.1

Manual Integrations
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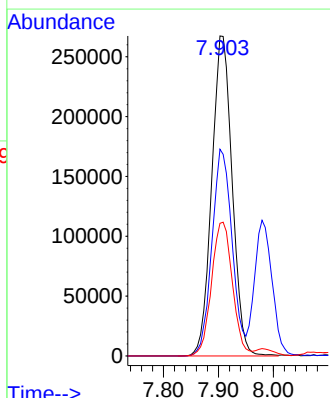
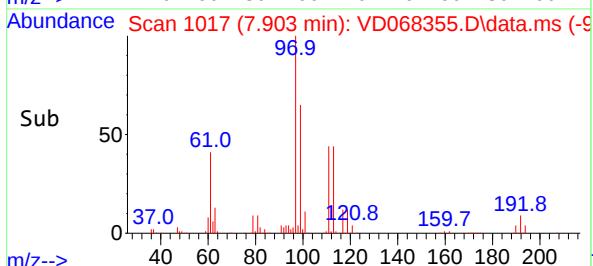
MMDadoda
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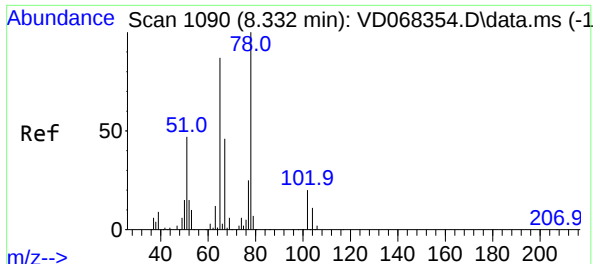


#32
1,1,1-Trichloroethane
Concen: 87.12 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



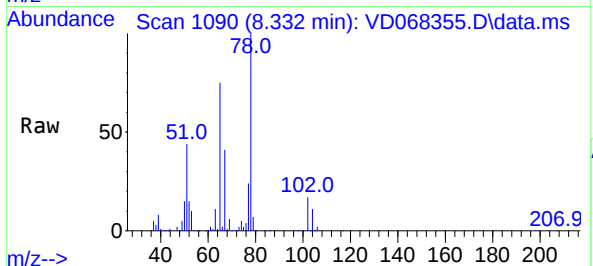
Tgt Ion: 97 Resp: 690035
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 42.9 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 109.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

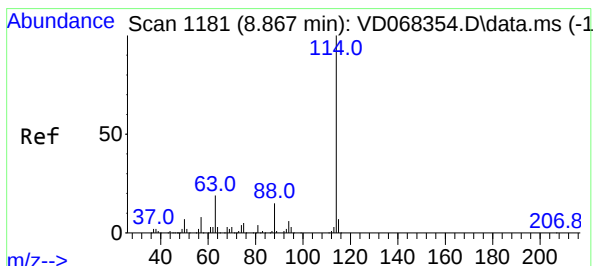
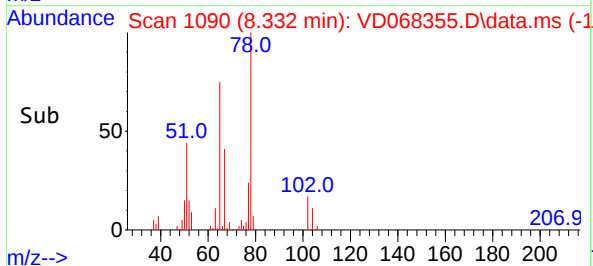
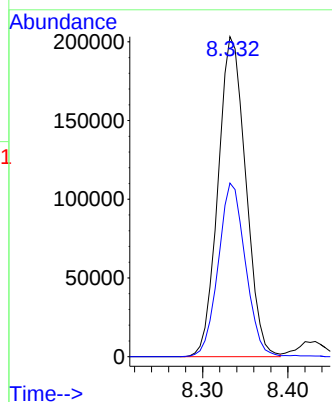
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



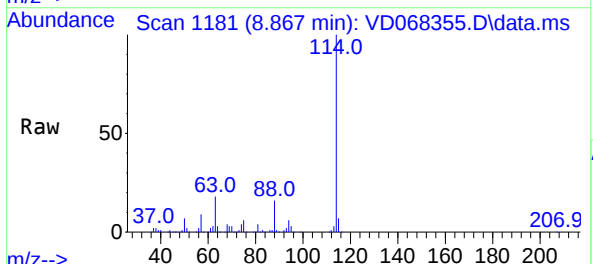
Tgt Ion: 65 Resp: 459122
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

Manual Integrations
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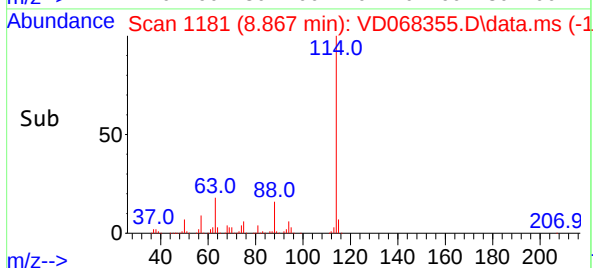
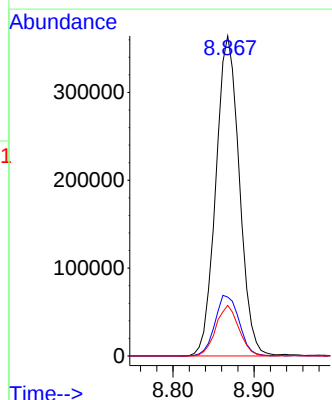
MMDadoda
2/15/2021 10:25:28 AM

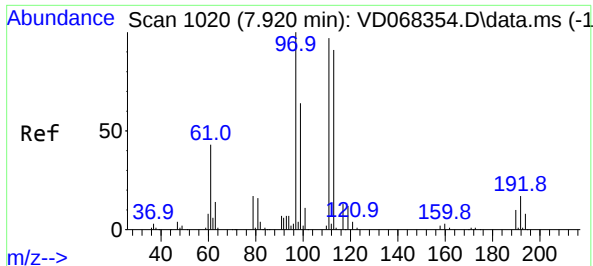


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion: 114 Resp: 732798
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.8 0.0 31.6





#35

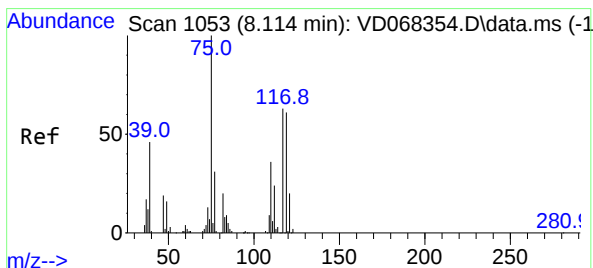
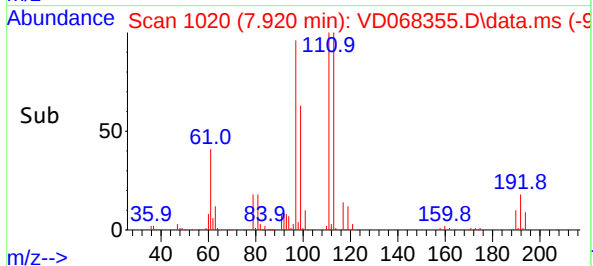
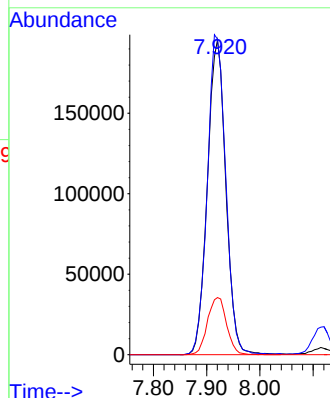
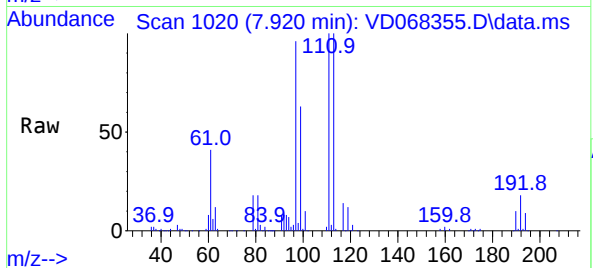
Dibromofluoromethane
Concen: 113.42 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:113 Resp: 470322
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.8 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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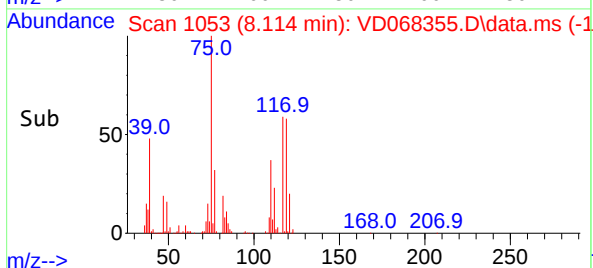
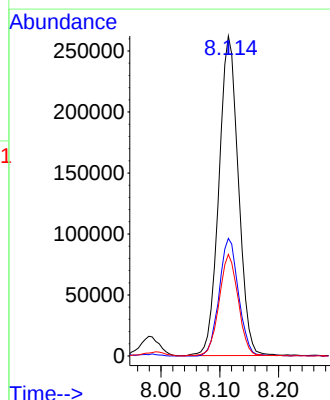
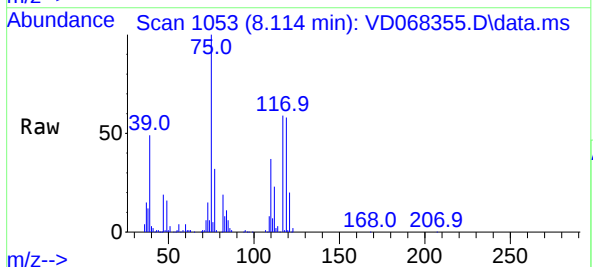
MMDadoda
2/15/2021 10:25:28 AM

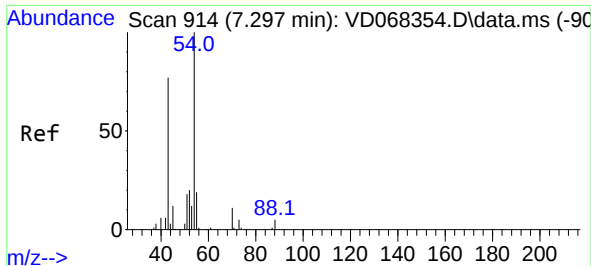


#36

1,1-Dichloropropene
Concen: 84.21 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 75 Resp: 602329
Ion Ratio Lower Upper
75 100
110 36.6 19.4 58.2
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 87.05 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD068355.D

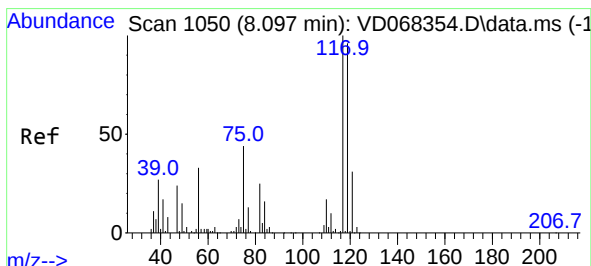
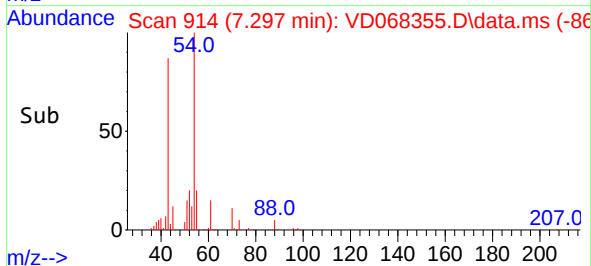
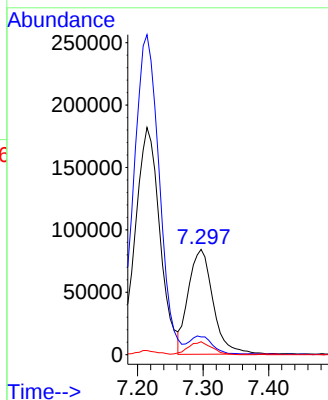
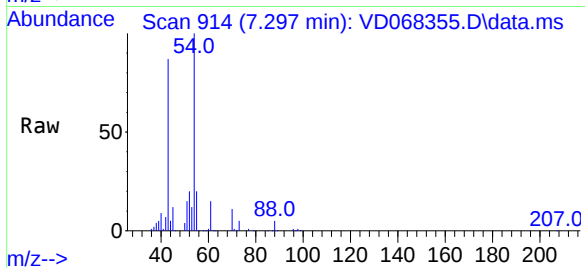
Acq: 12 Feb 2021 12:31

Tgt Ion:	43	Resp:	220028
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.9	19.3
70	11.7	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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2/15/2021 10:25:28 AM



#38

Carbon Tetrachloride

Concen: 88.44 ug/l

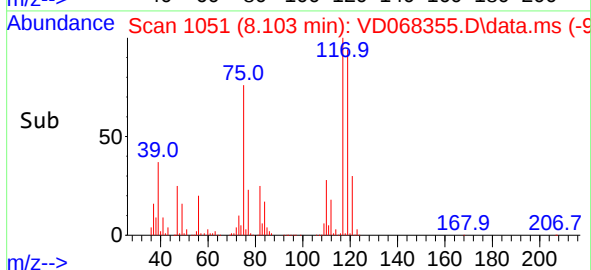
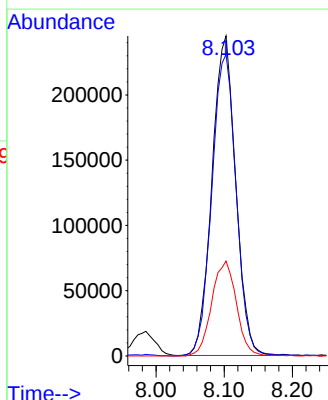
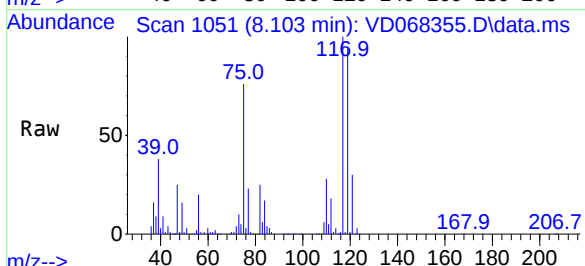
RT: 8.103 min Scan# 1051

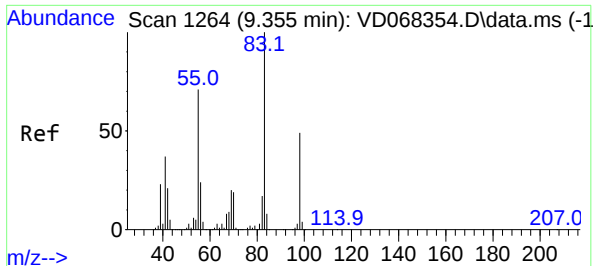
Delta R.T. 0.006 min

Lab File: VD068355.D

Acq: 12 Feb 2021 12:31

Tgt Ion:	117	Resp:	593756
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.3	115.9
121	29.7	24.7	37.1





#39

Methylcyclohexane

Concen: 81.98 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068355.D

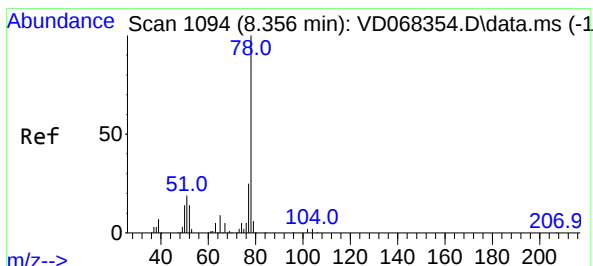
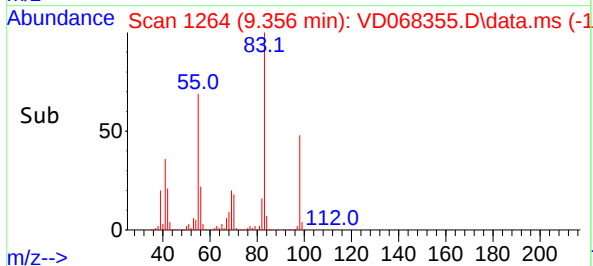
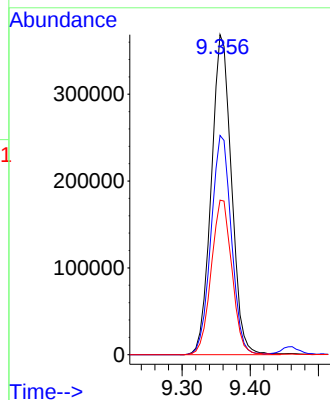
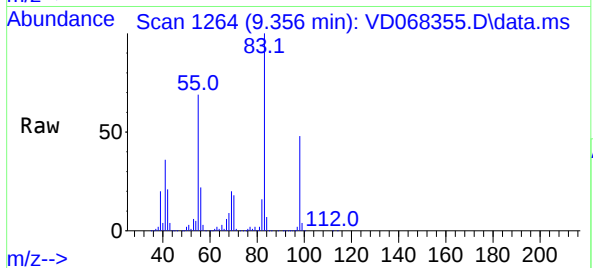
Acq: 12 Feb 2021 12:31

Tgt Ion:	83	Resp:	758676
Ion	Ratio	Lower	Upper
83	100		
55	68.5	55.2	82.8
98	48.3	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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#40

Benzene

Concen: 88.28 ug/l

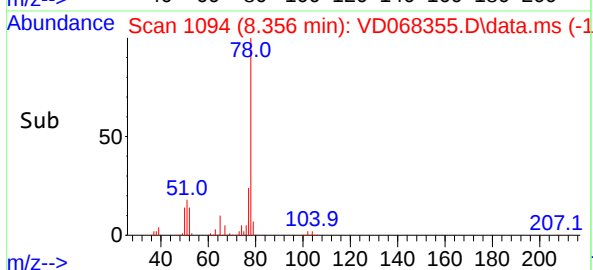
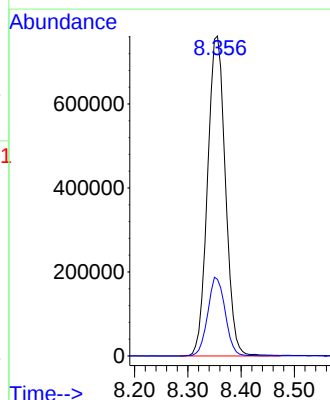
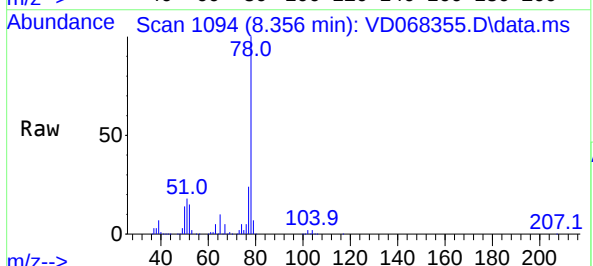
RT: 8.356 min Scan# 1094

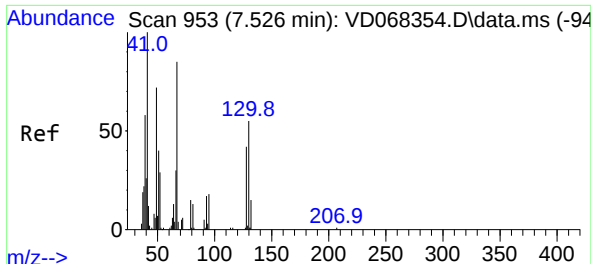
Delta R.T. 0.000 min

Lab File: VD068355.D

Acq: 12 Feb 2021 12:31

Tgt Ion:	78	Resp:	1772436
Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.6





#41
Methacrylonitrile
Concen: 79.85 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

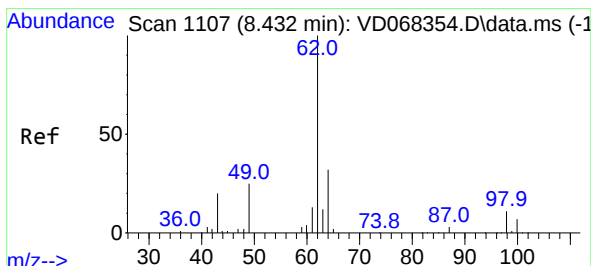
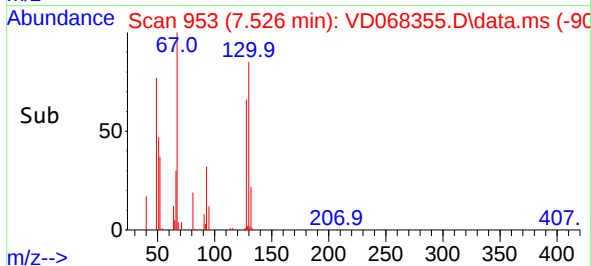
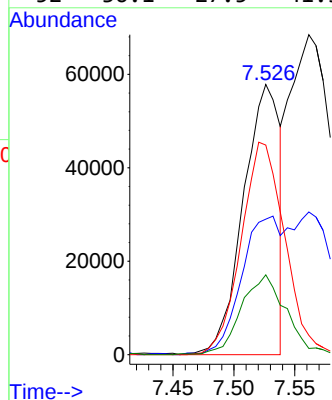
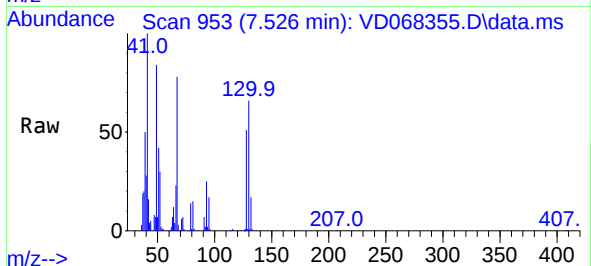
Tgt Ion: 41 Resp: 120891

Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.2	67.8
67	94.4	67.4	101.2
52	36.1	27.5	41.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
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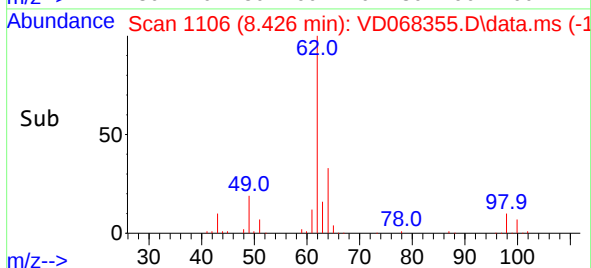
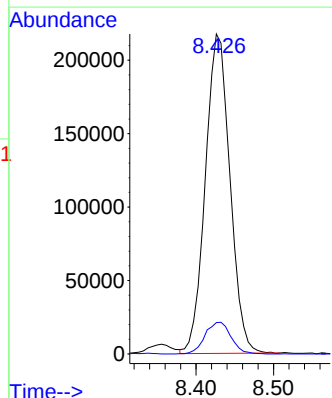
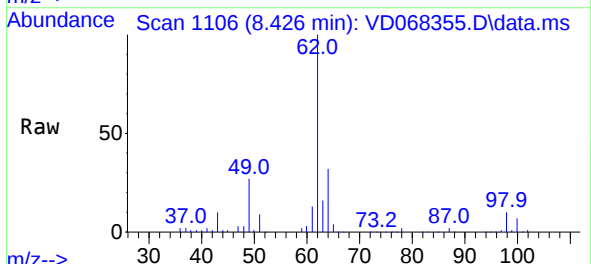
MMDadoda
2/15/2021 10:25:28 AM

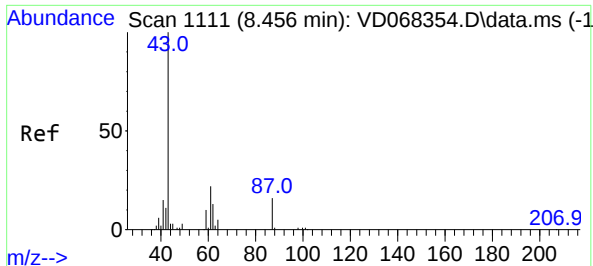


#42
1,2-Dichloroethane
Concen: 89.38 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 62 Resp: 479751

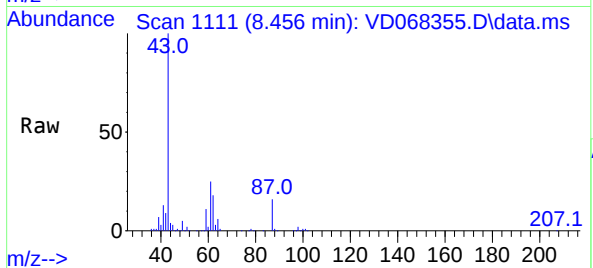
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8





#43
Isopropyl Acetate
Concen: 82.40 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

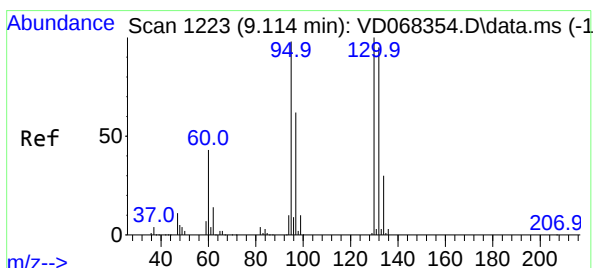
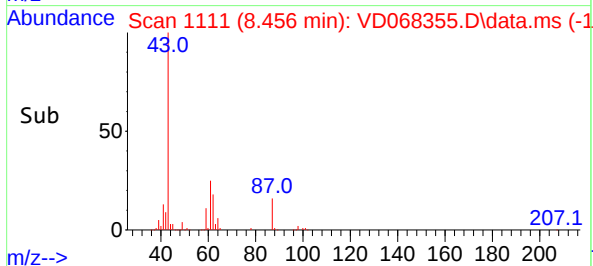
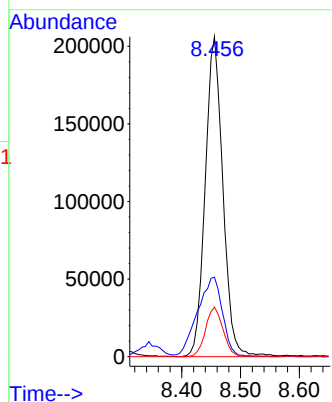
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 429632
Ion Ratio Lower Upper
43 100
61 34.8 28.7 43.1
87 15.3 13.9 20.9

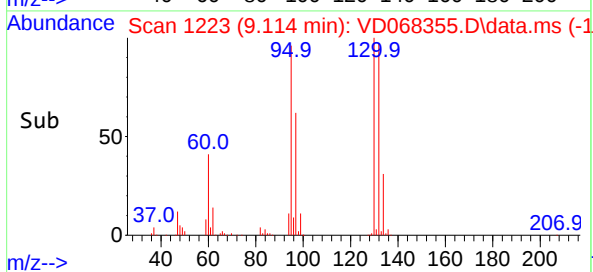
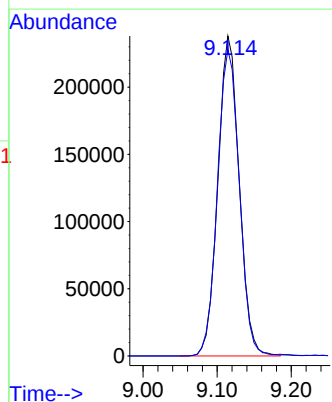
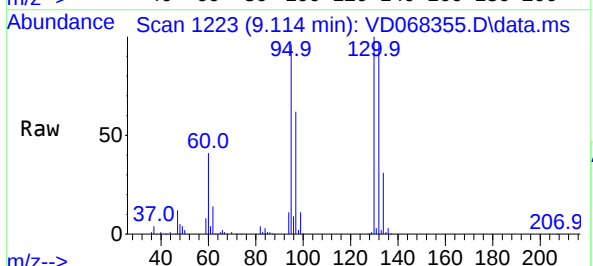
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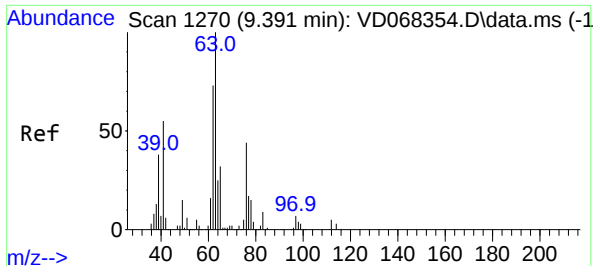
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#44
Trichloroethene
Concen: 86.48 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:130 Resp: 476332
Ion Ratio Lower Upper
130 100
95 95.8 0.0 191.2





#45

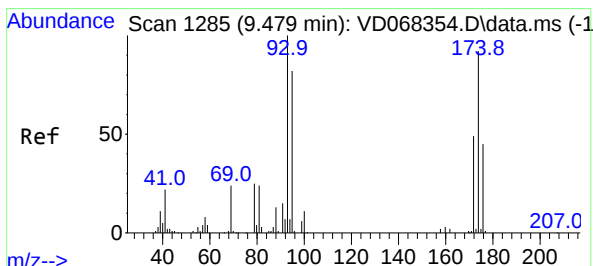
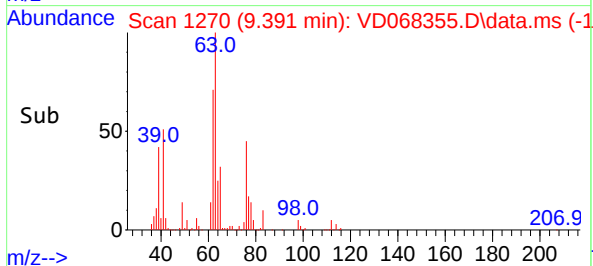
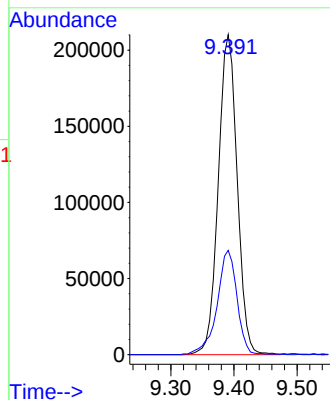
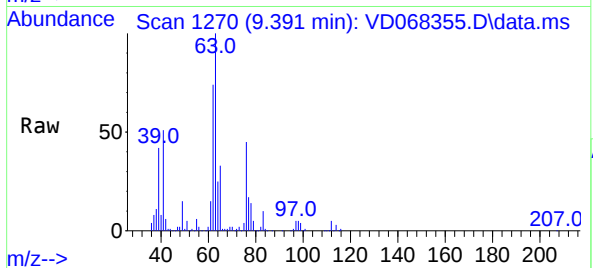
1,2-Dichloropropane
Concen: 89.12 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 63 Resp: 437787
Ion Ratio Lower Upper
63 100
65 32.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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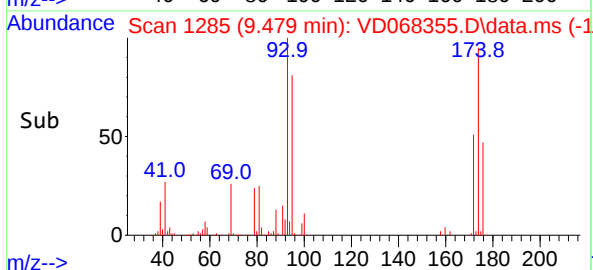
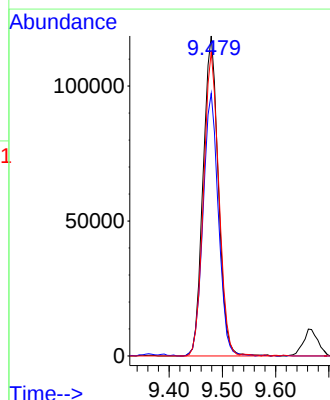
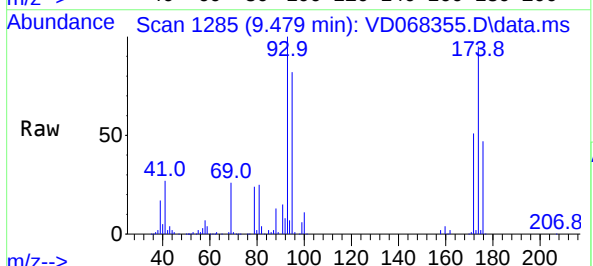
MMDadoda
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#46

Dibromomethane
Concen: 94.10 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

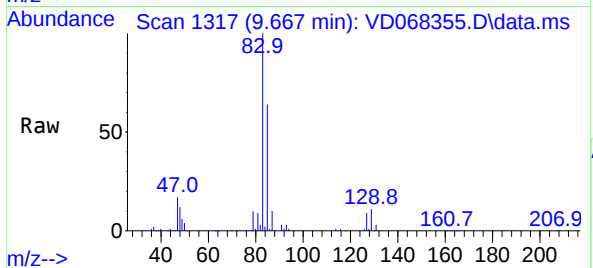
Tgt Ion: 93 Resp: 235702
Ion Ratio Lower Upper
93 100
95 82.4 67.3 100.9
174 94.9 84.6 127.0





#47
Bromodichloromethane
Concen: 91.71 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

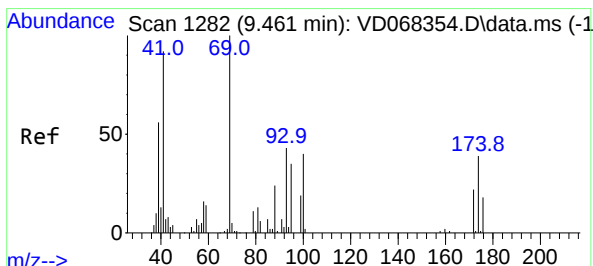
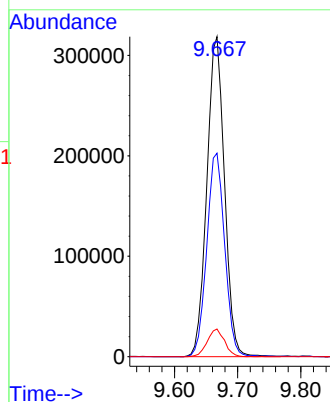
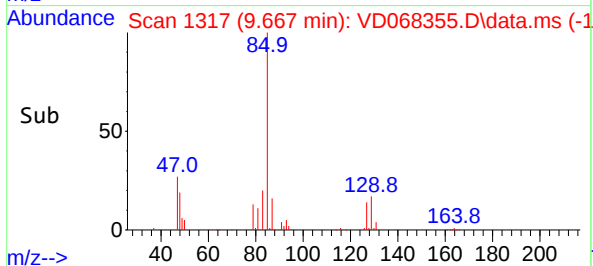
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



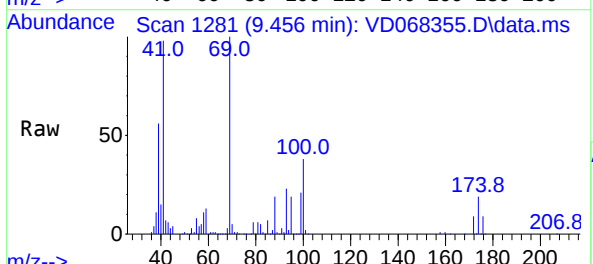
Tgt Ion: 83 Resp: 619494
Ion Ratio Lower Upper
83 100
85 63.6 51.6 77.4
127 8.6 7.4 11.0

Manual Integrations
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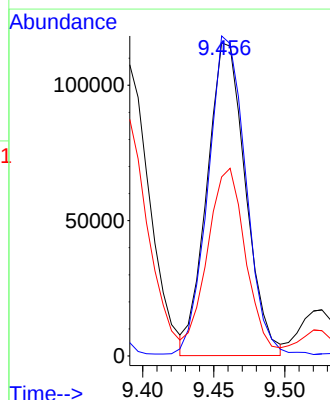
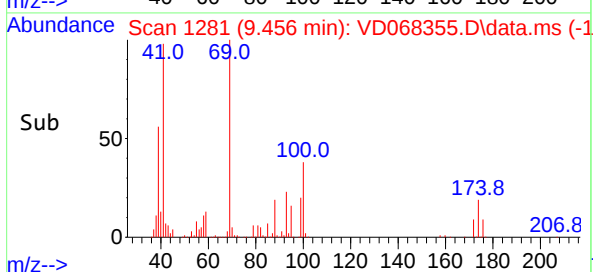
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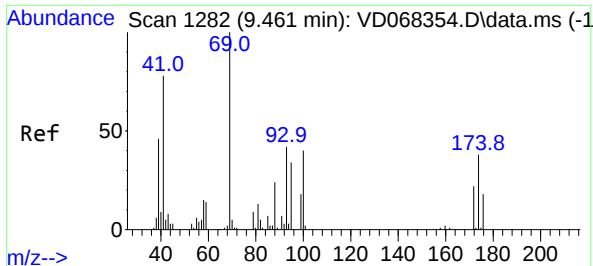


#48
Methyl methacrylate
Concen: 85.42 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

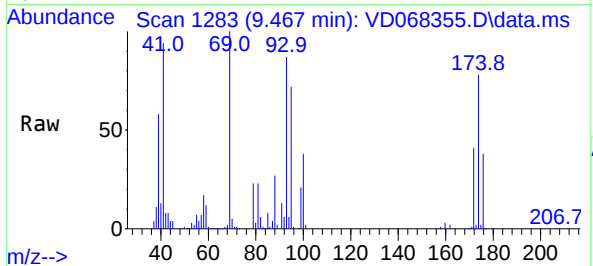


Tgt Ion: 41 Resp: 218280
Ion Ratio Lower Upper
41 100
69 100.9 77.1 115.7
39 54.3 41.5 62.3

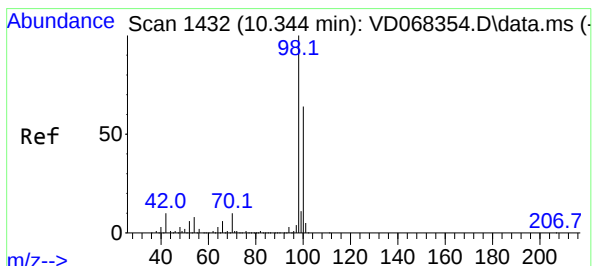
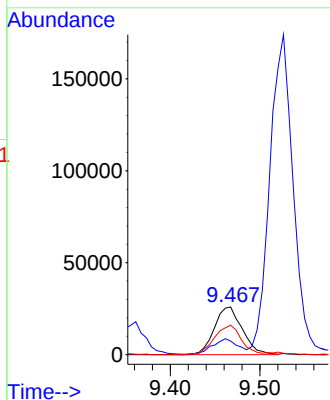
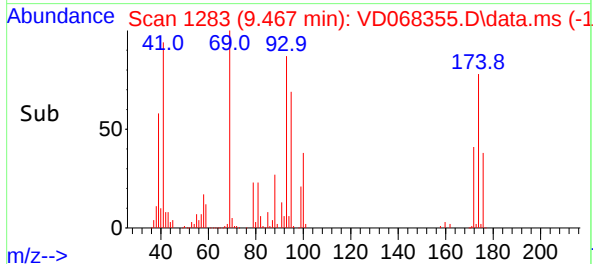




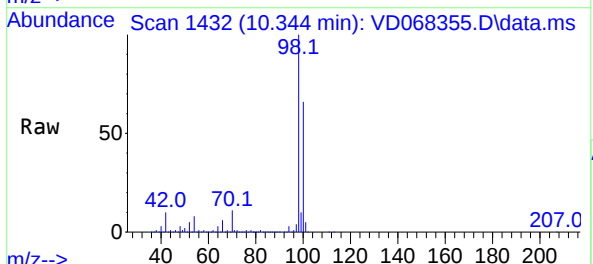
#49
1,4-Dioxane
Concen: 1893.17 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



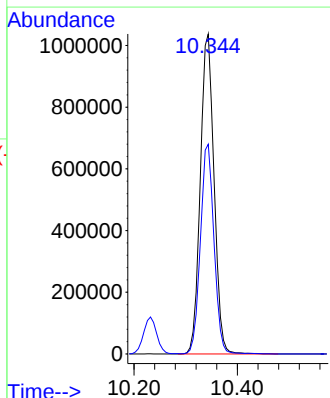
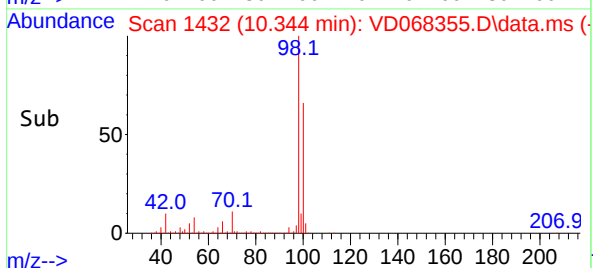
Tgt Ion: 88 Resp: 56047
Ion Ratio Lower Upper
88 100
43 29.0 22.1 33.1
58 59.2 46.7 70.1



#50
Toluene-d8
Concen: 113.88 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



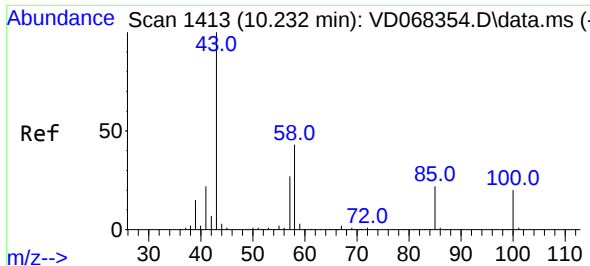
Tgt Ion: 98 Resp: 1912719
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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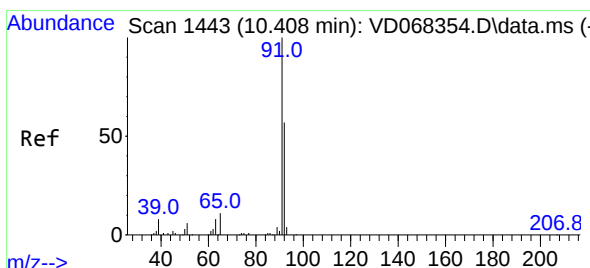
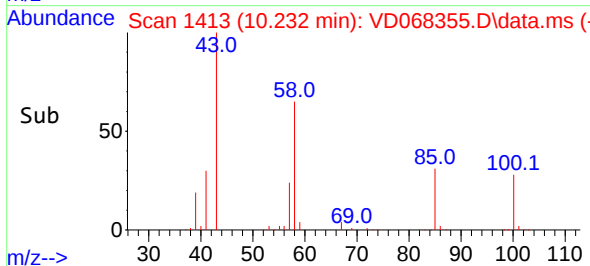
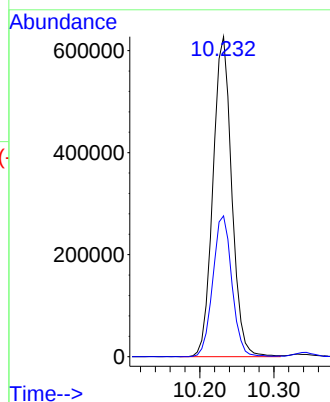
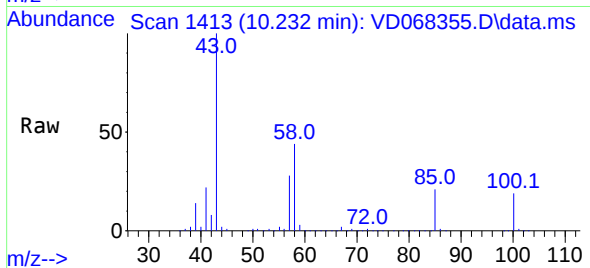
#51
4-Methyl-2-Pentanone
Concen: 450.42 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 43 Resp: 1103748
Ion Ratio Lower Upper
43 100
58 44.8 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

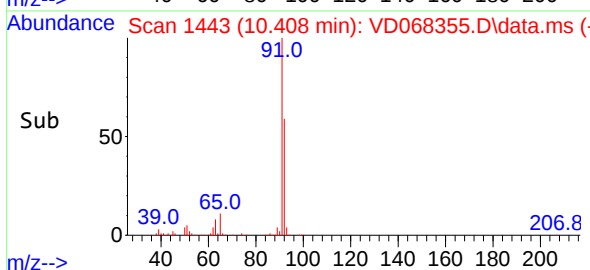
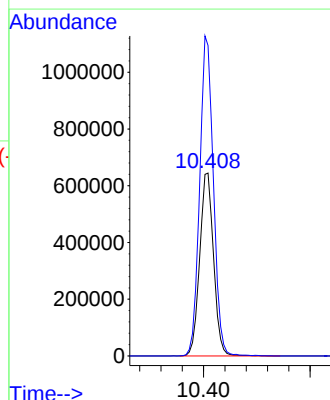
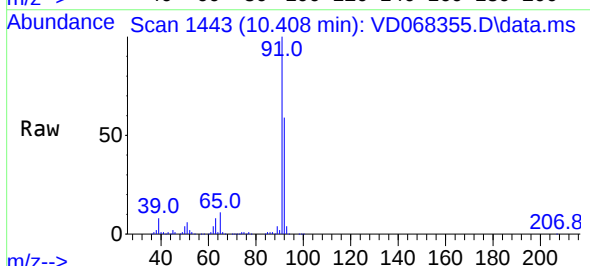
Manual Integrations
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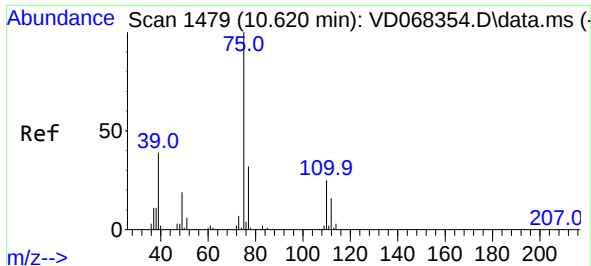
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#52
Toluene
Concen: 89.11 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

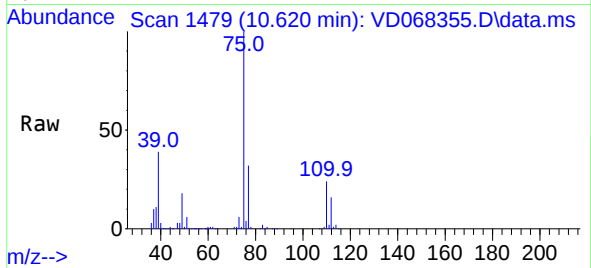
Tgt Ion: 92 Resp: 1163383
Ion Ratio Lower Upper
92 100
91 173.0 134.1 201.1





#53
t-1,3-Dichloropropene
Concen: 87.56 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

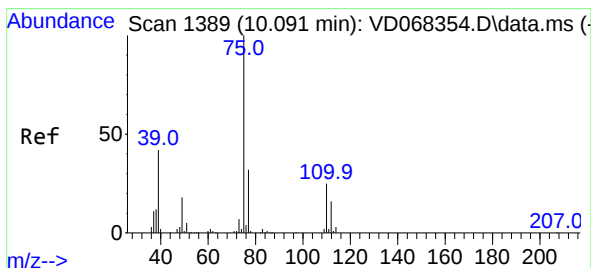
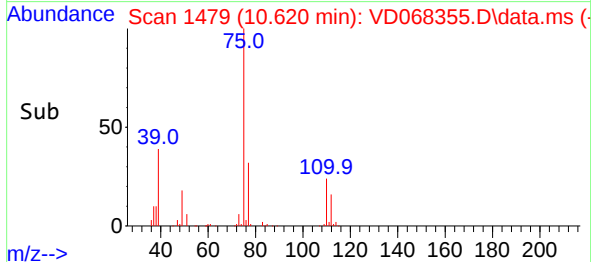
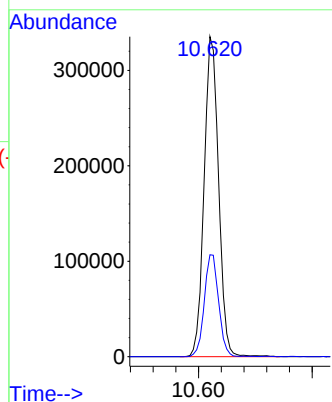
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



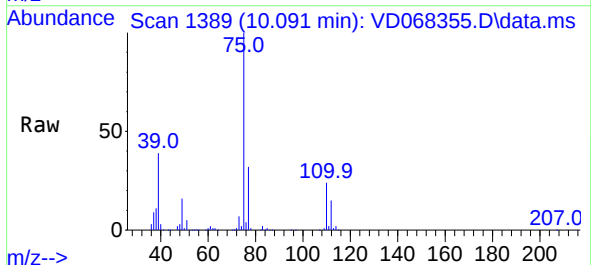
Tgt Ion: 75 Resp: 591322
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

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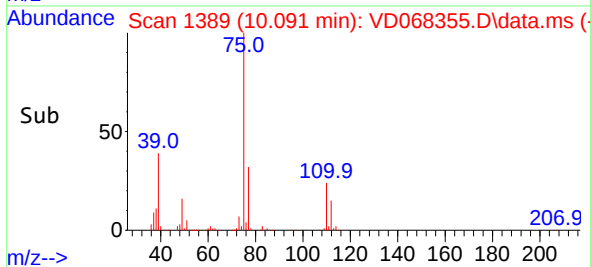
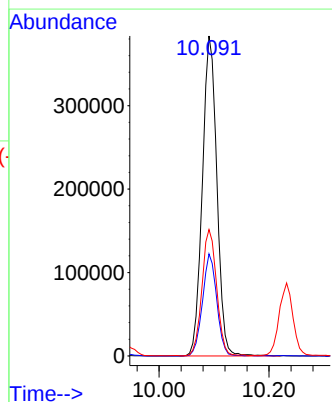
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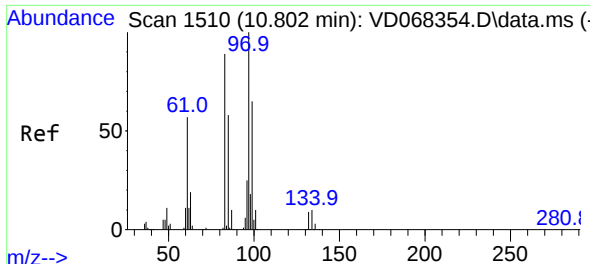


#54
cis-1,3-Dichloropropene
Concen: 87.17 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



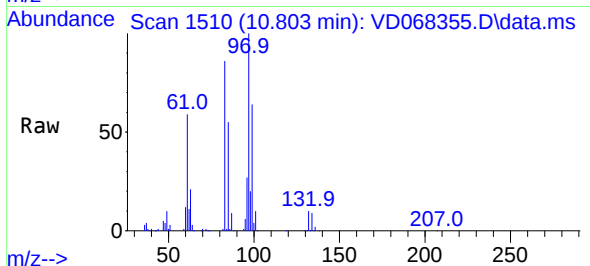
Tgt Ion: 75 Resp: 702728
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 39.4 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 93.63 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

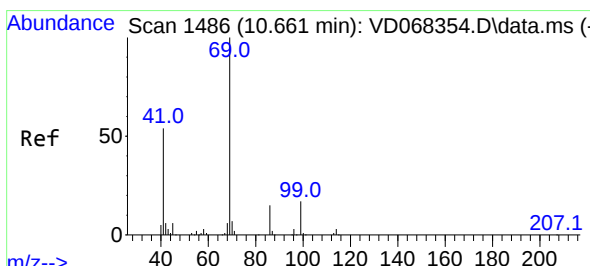
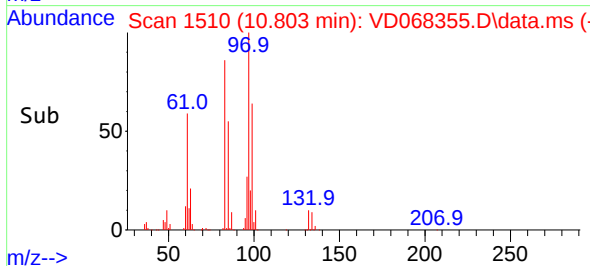
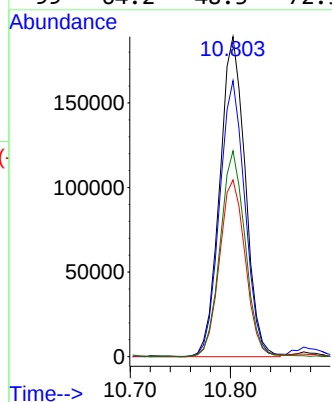


Tgt Ion: 97 Resp: 332799

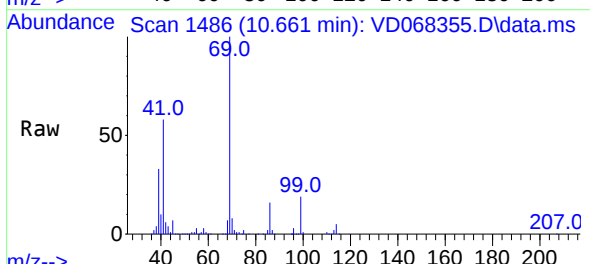
Ion	Ratio	Lower	Upper
97	100		
83	86.2	61.8	92.6
85	55.3	42.2	63.2
99	64.2	48.3	72.5

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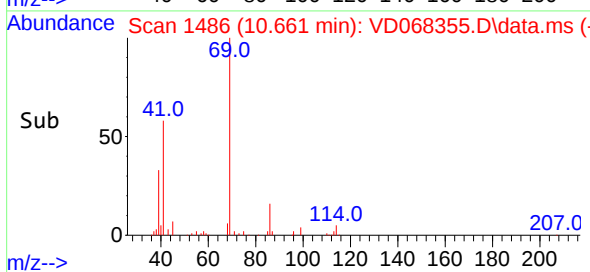
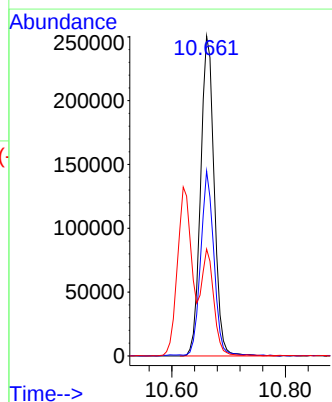


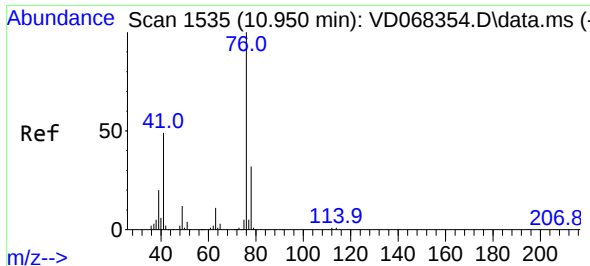
#56
Ethyl methacrylate
Concen: 88.93 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion: 69 Resp: 415959

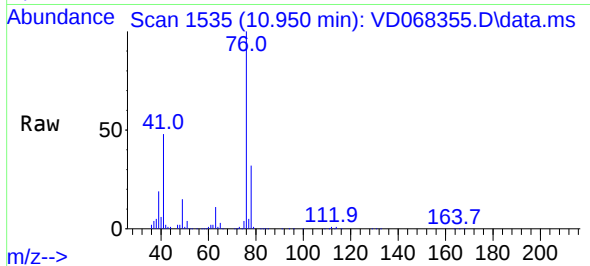
Ion	Ratio	Lower	Upper
69	100		
41	56.2	44.9	67.3
39	30.6	21.9	32.9





#57
1,3-Dichloropropane
Concen: 92.59 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

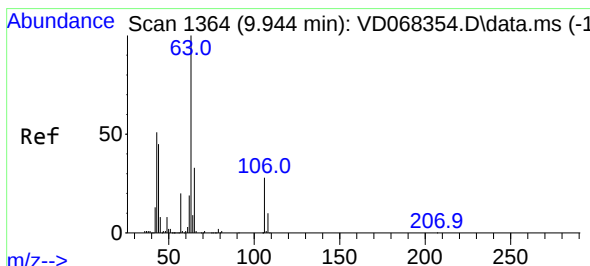
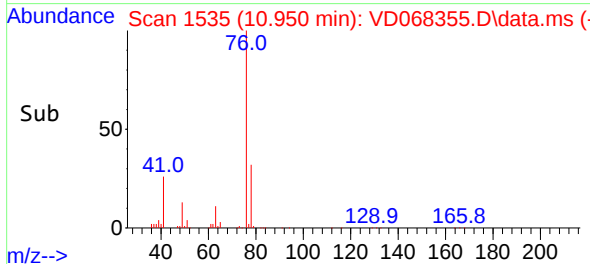
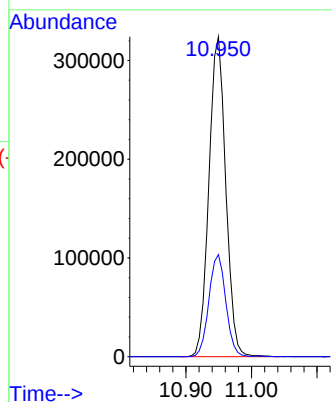
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 578576
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

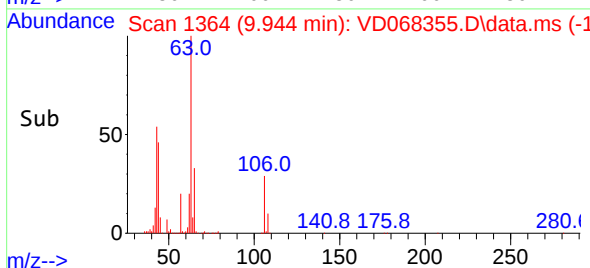
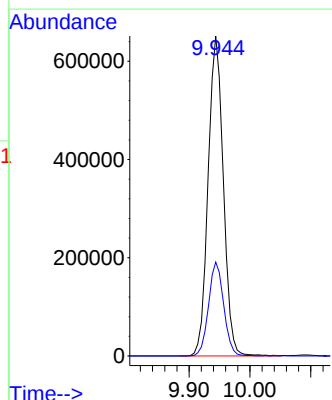
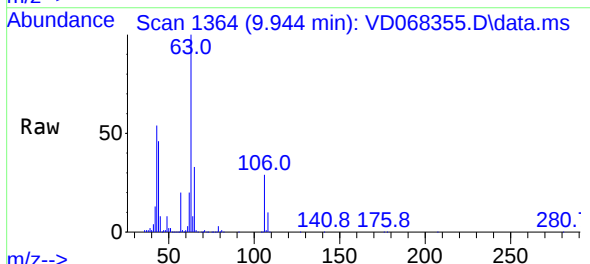
Manual Integrations
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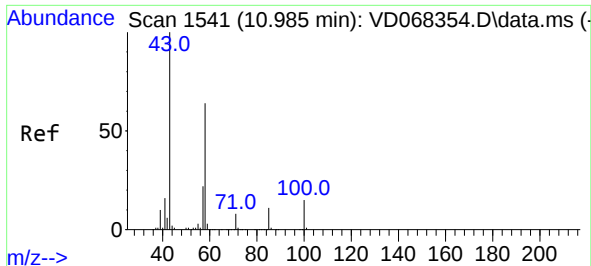
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 507.20 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 63 Resp: 1132135
Ion Ratio Lower Upper
63 100
106 29.2 27.0 40.4





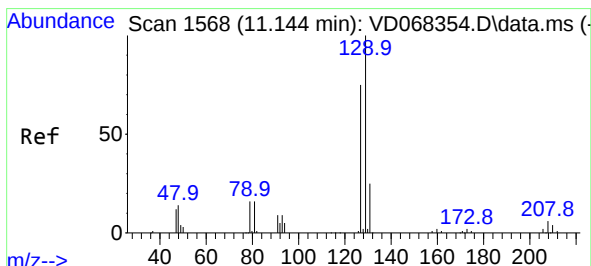
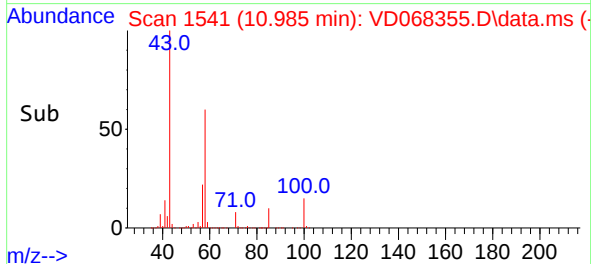
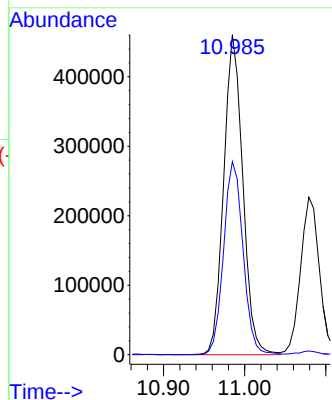
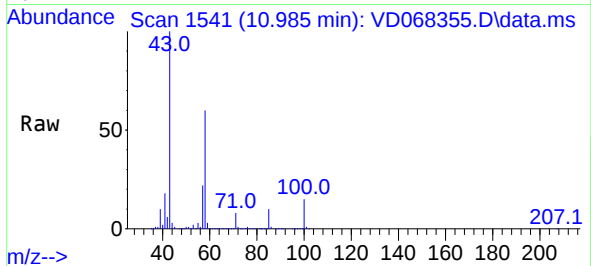
#59
2-Hexanone
Concen: 445.20 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 43 Resp: 755285
Ion Ratio Lower Upper
43 100
58 61.3 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

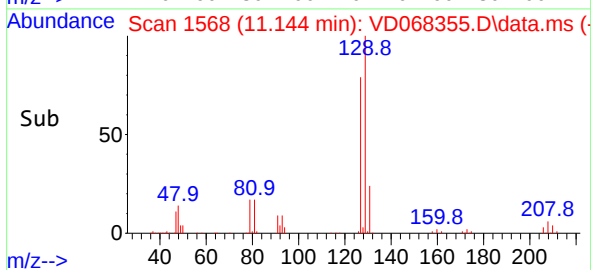
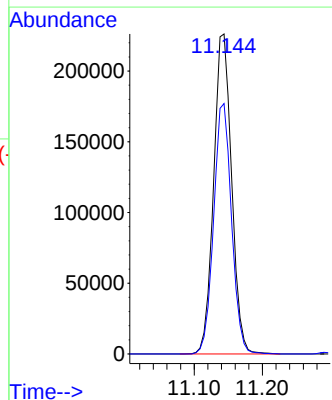
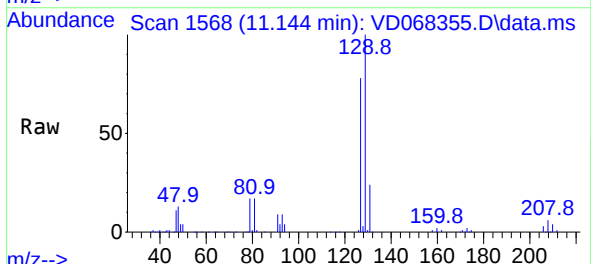
Manual Integrations
APPROVED

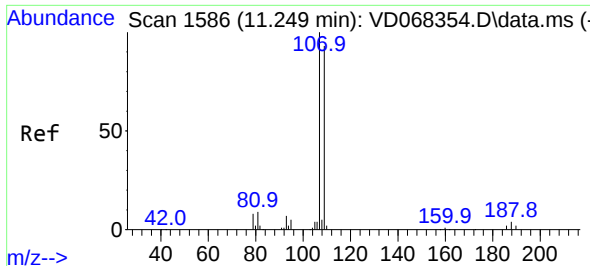
MMDadoda
2/15/2021 10:25:28 AM



#60
Dibromochloromethane
Concen: 93.28 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

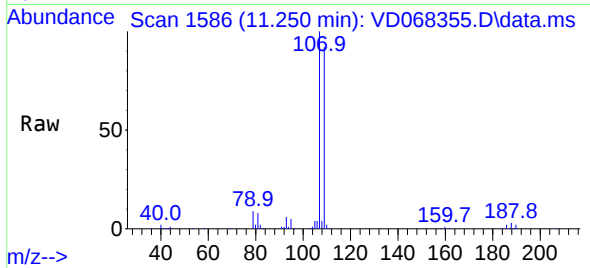
Tgt Ion: 129 Resp: 414873
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 92.39 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

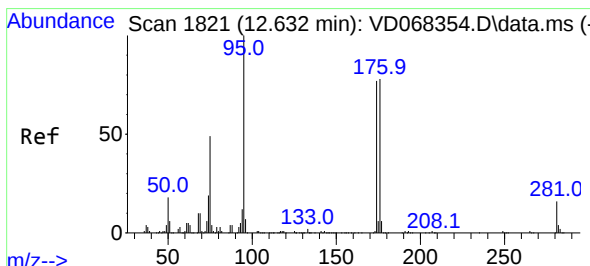
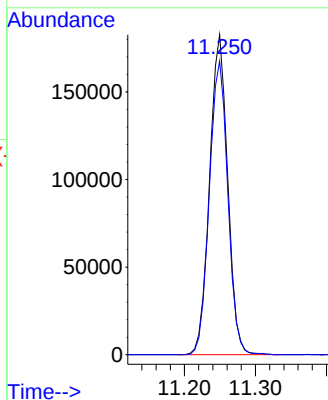
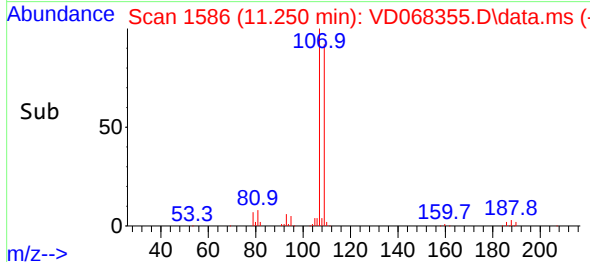
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



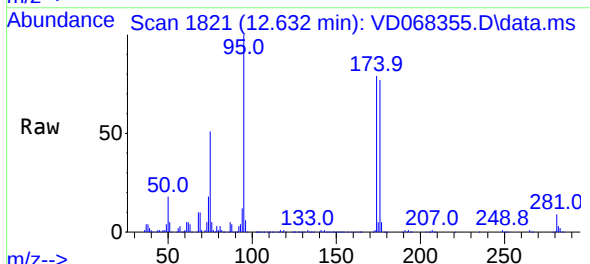
Tgt Ion:107 Resp: 322909
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

Manual Integrations
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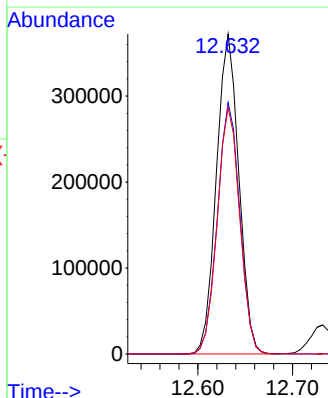
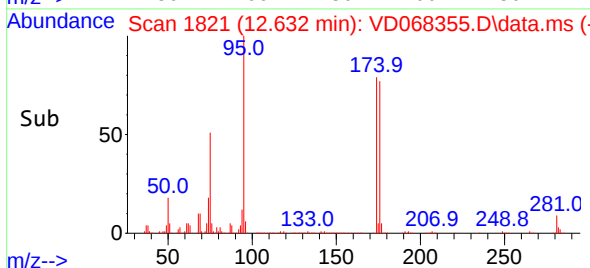
MMDadoda
2/15/2021 10:25:28 AM

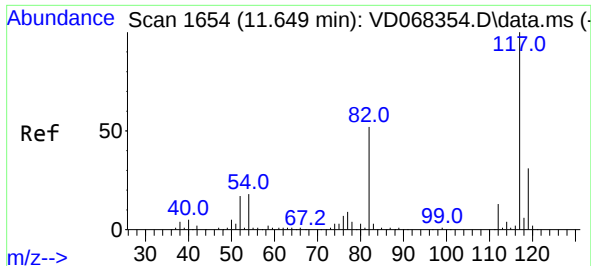


#62
4-Bromofluorobenzene
Concen: 104.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



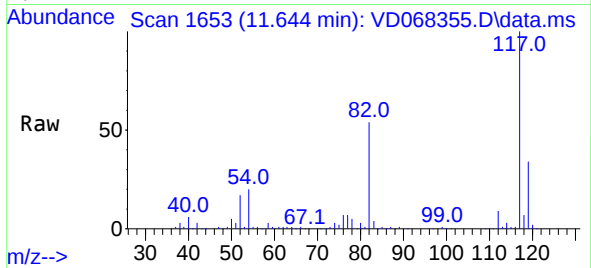
Tgt Ion: 95 Resp: 613255
Ion Ratio Lower Upper
95 100
174 78.6 0.0 172.4
176 77.0 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

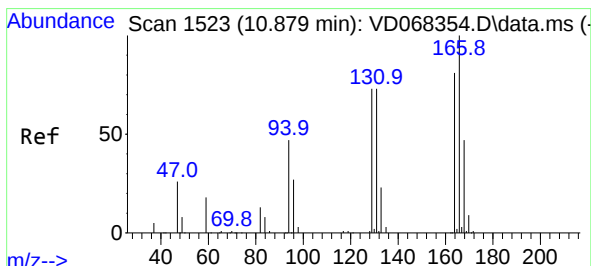
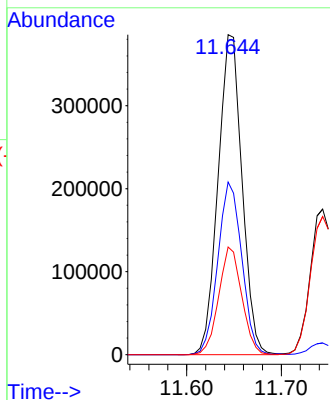
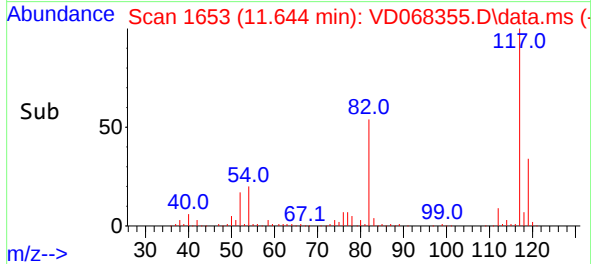
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



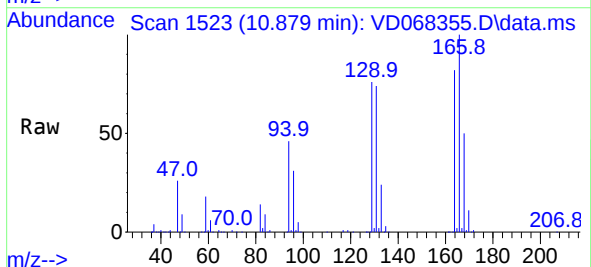
Tgt Ion:117 Resp: 679095
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 33.6 26.1 39.1

Manual Integrations
APPROVED

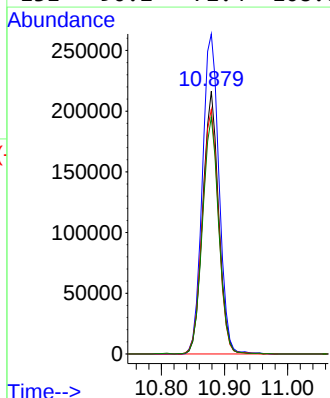
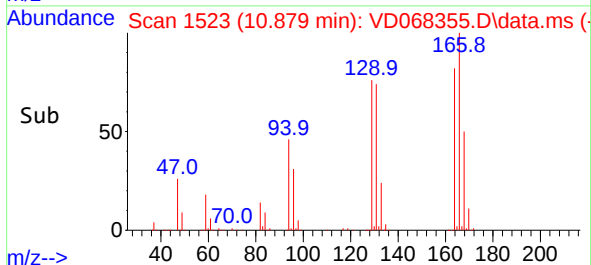
MMDadoda
2/15/2021 10:25:28 AM

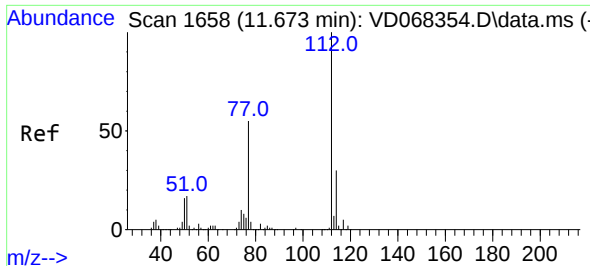


#64
Tetrachloroethene
Concen: 81.38 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



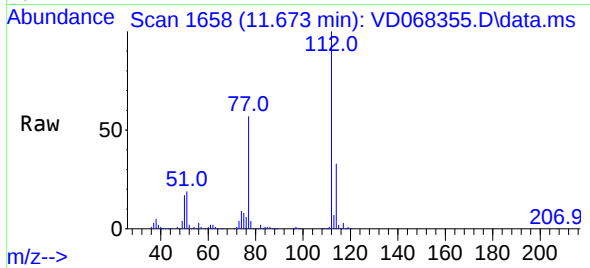
Tgt Ion:164 Resp: 377223
Ion Ratio Lower Upper
164 100
166 121.8 105.5 158.3
129 93.1 75.6 113.4
131 90.2 72.4 108.6





#65
Chlorobenzene
Concen: 88.07 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

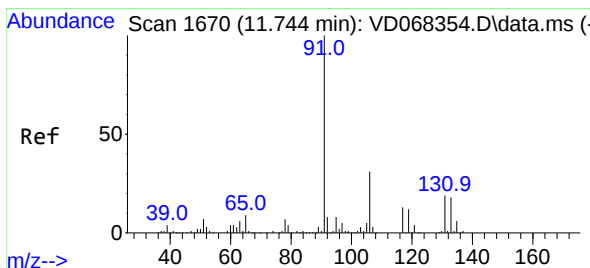
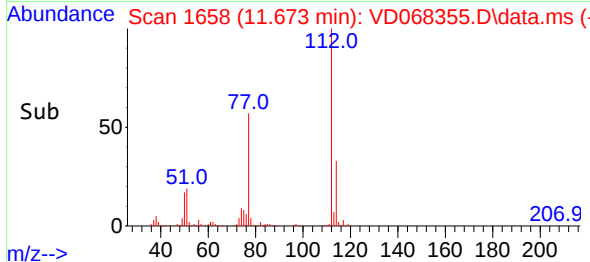
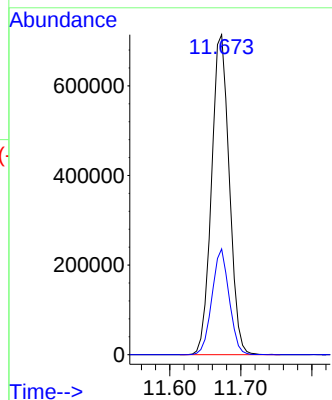
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



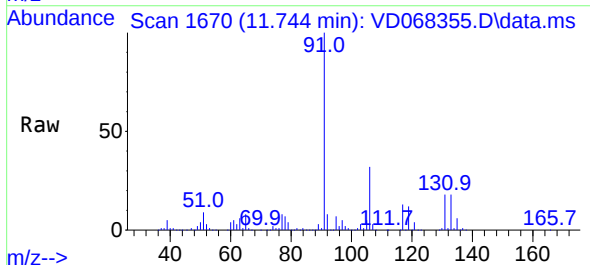
Tgt Ion:112 Resp: 1237669
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

Manual Integrations
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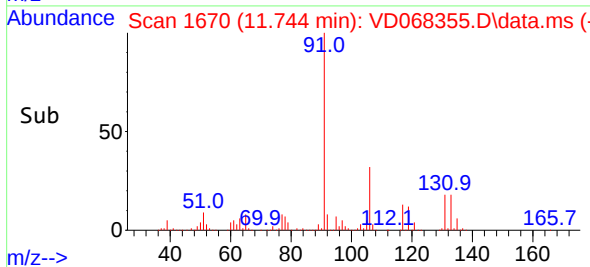
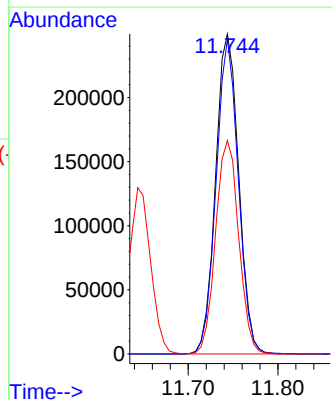
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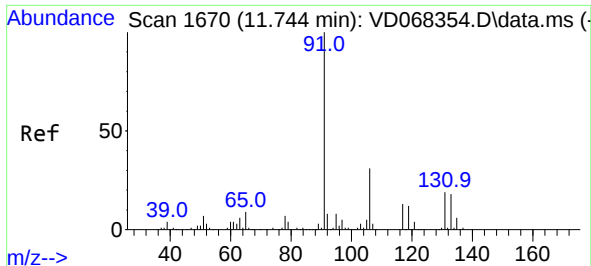


#66
1,1,1,2-Tetrachloroethane
Concen: 90.24 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion:131 Resp: 445218
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 66.9 31.6 94.8





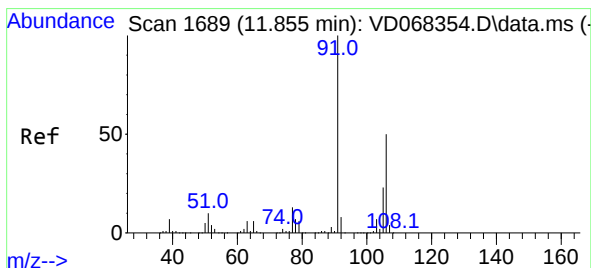
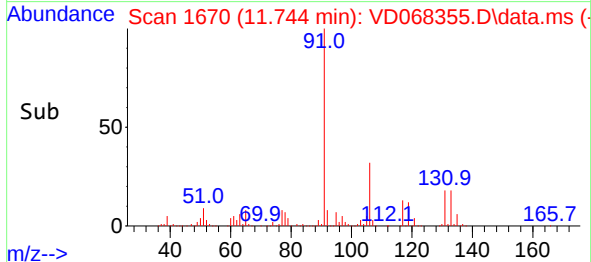
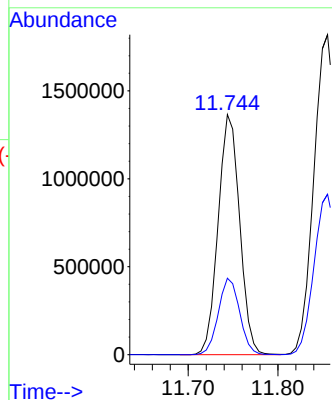
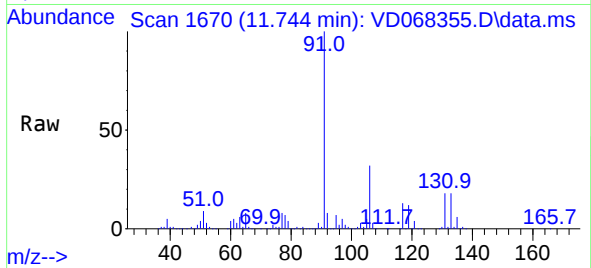
#67
Ethyl Benzene
Concen: 87.63 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 91 Resp: 2273772
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

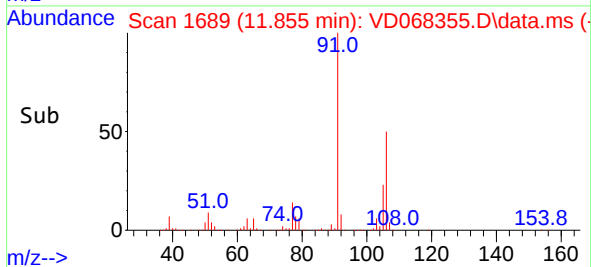
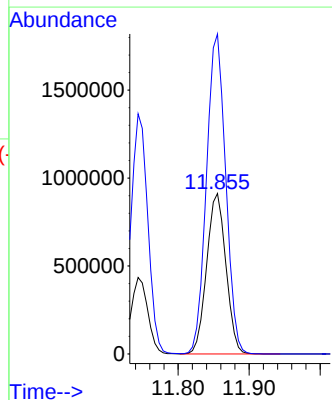
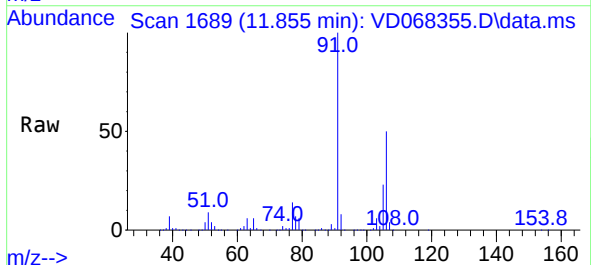
Manual Integrations
APPROVED

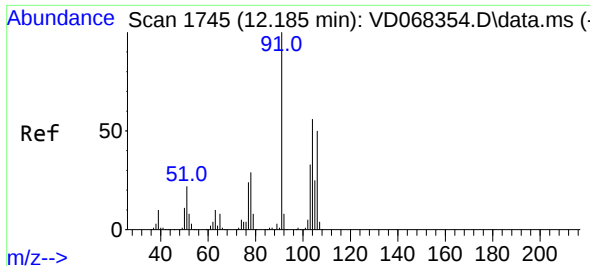
MMDadoda
2/15/2021 10:25:28 AM



#68
m/p-Xylenes
Concen: 175.49 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:106 Resp: 1717141
Ion Ratio Lower Upper
106 100
91 199.4 159.1 238.7





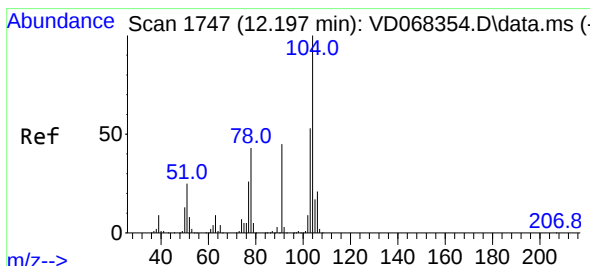
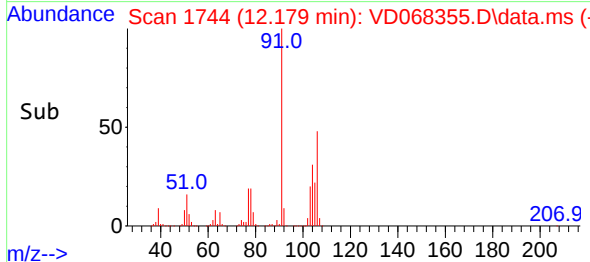
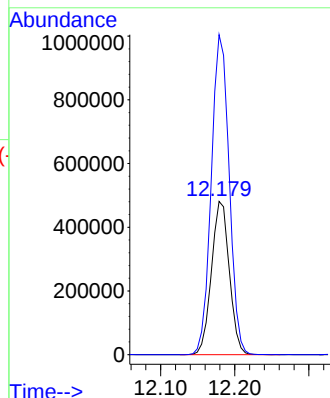
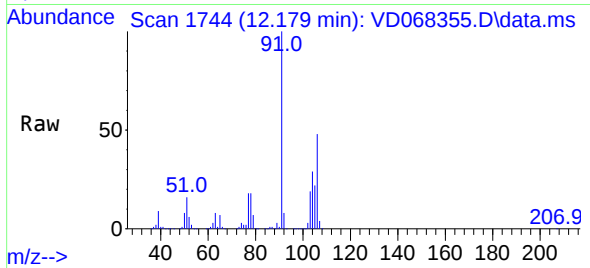
#69
o-Xylene
Concen: 88.55 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:106 Resp: 805600
Ion Ratio Lower Upper
106 100
91 209.1 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

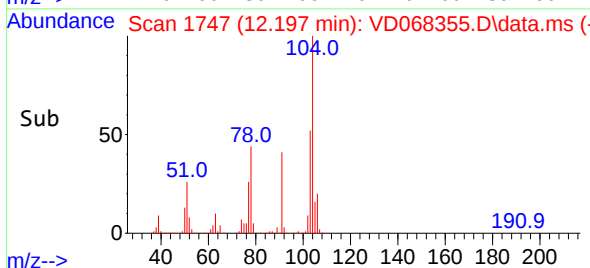
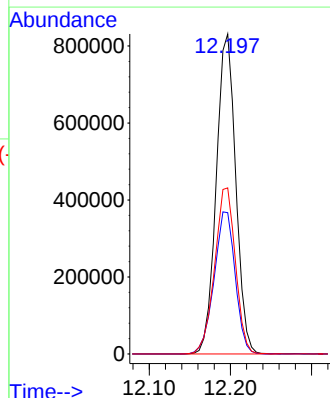
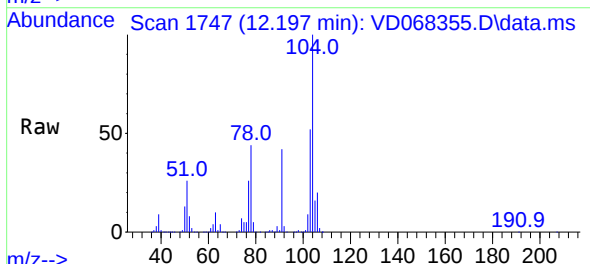
Manual Integrations
APPROVED

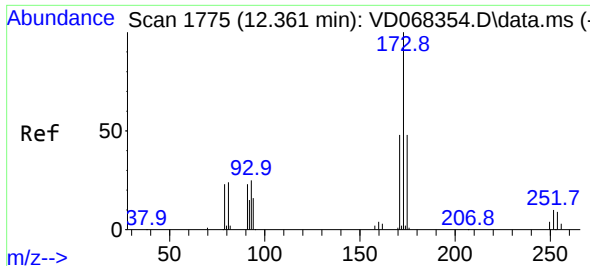
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#70
Styrene
Concen: 89.40 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:104 Resp: 1386898
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 55.5 43.1 64.7





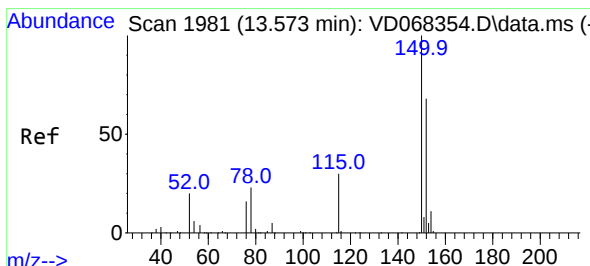
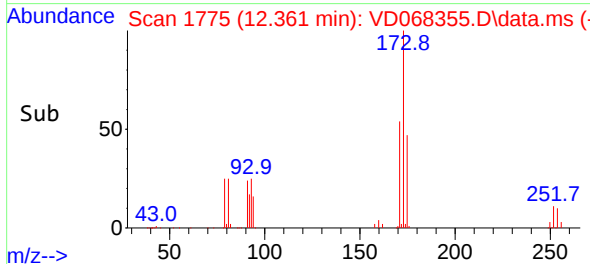
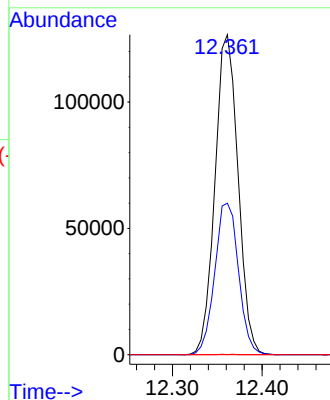
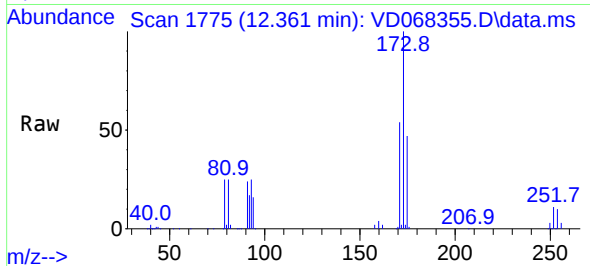
#71
Bromoform
Concen: 90.00 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:173 Resp: 226177
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

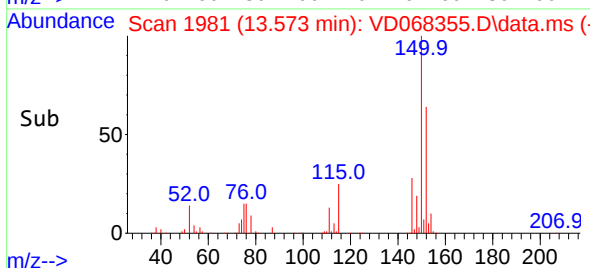
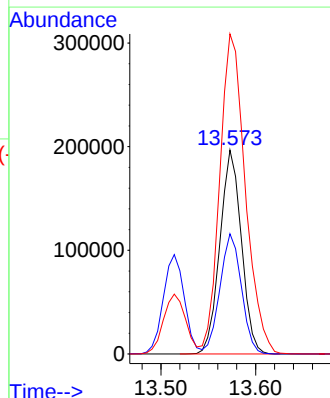
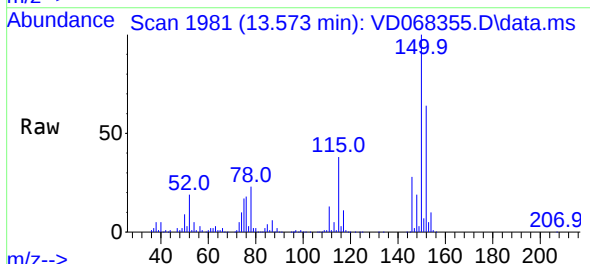
Manual Integrations
APPROVED

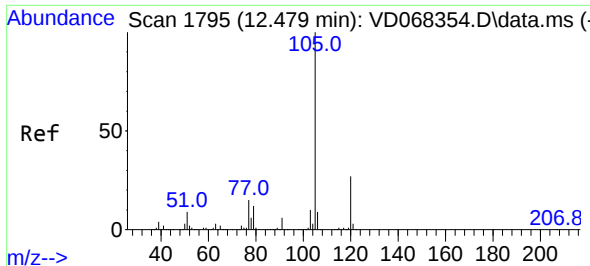
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

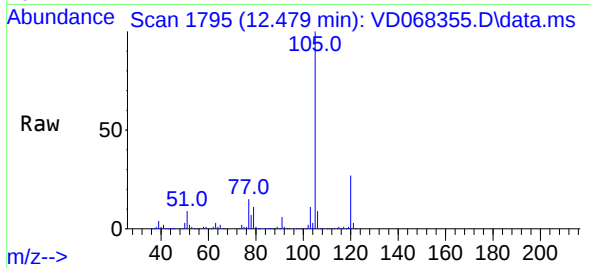
Tgt Ion:152 Resp: 310801
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 186.6 0.0 344.4





#73
Isopropylbenzene
Concen: 86.51 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

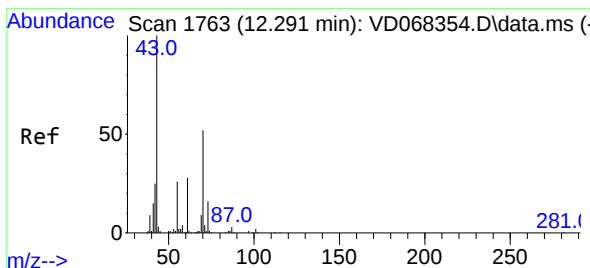
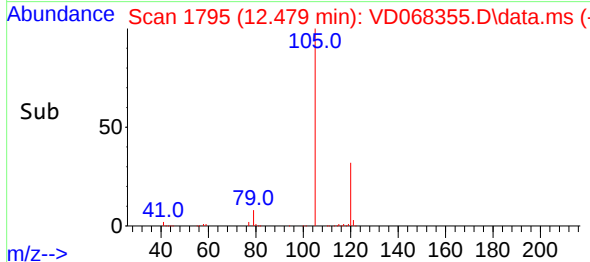
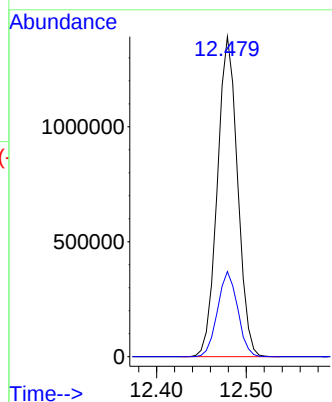
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



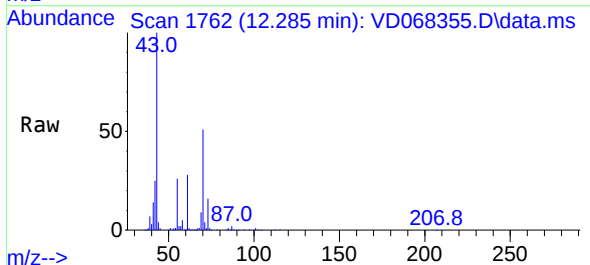
Tgt Ion:105 Resp: 2179848
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

Manual Integrations
APPROVED

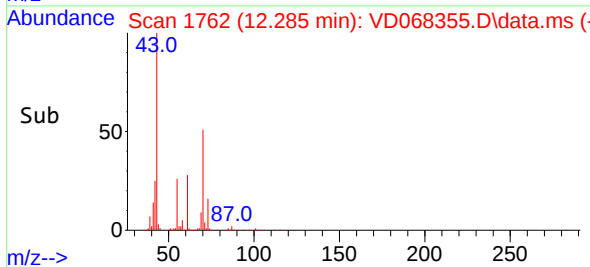
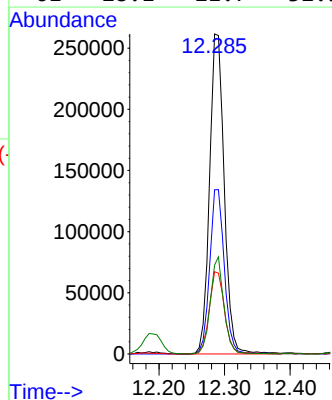
MMDadoda
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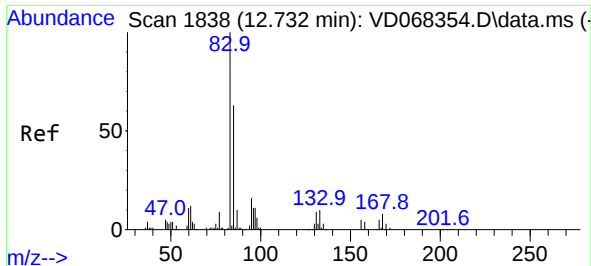


#74
N-ethyl acetate
Concen: 79.49 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



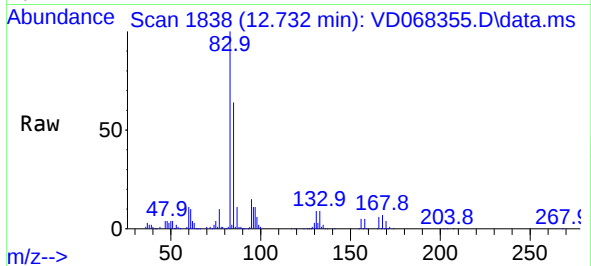
Tgt Ion: 43 Resp: 408565
Ion Ratio Lower Upper
43 100
70 51.2 41.8 62.8
55 26.6 24.2 36.4
61 28.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 91.68 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

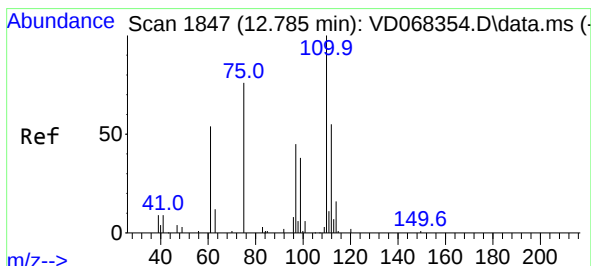
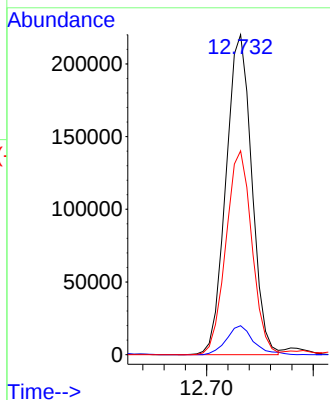
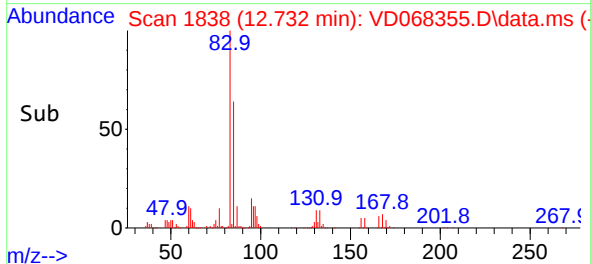
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



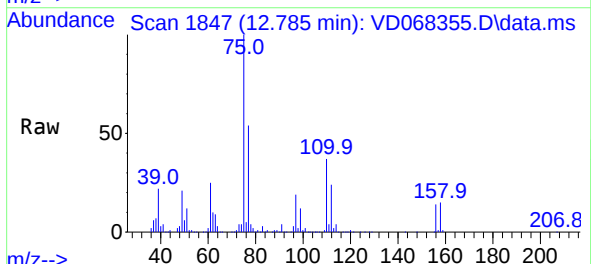
Tgt Ion: 83 Resp: 370596
Ion Ratio Lower Upper
83 100
131 9.4 5.8 17.4
85 64.4 32.4 97.2

Manual Integrations
APPROVED

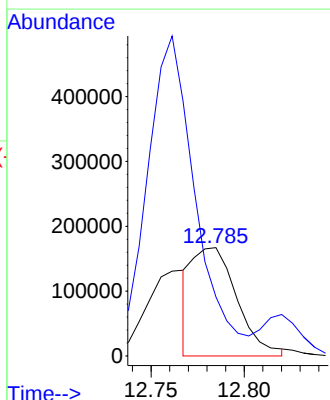
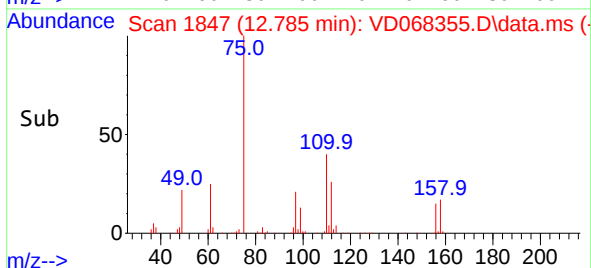
MMDadoda
2/15/2021 10:25:28 AM

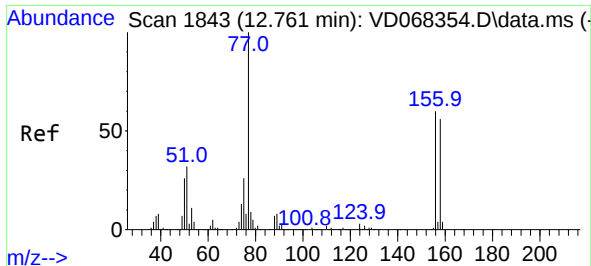


#76
1,2,3-Trichloropropane
Concen: 96.13 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion: 75 Resp: 279562
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 88.65 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

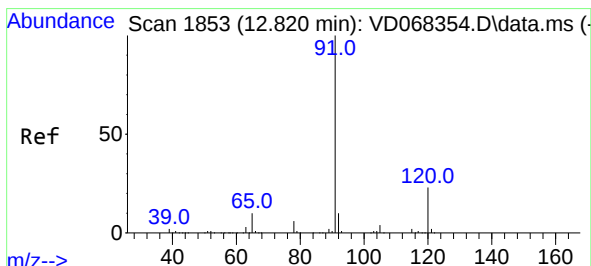
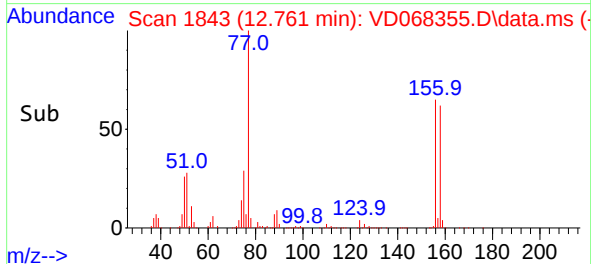
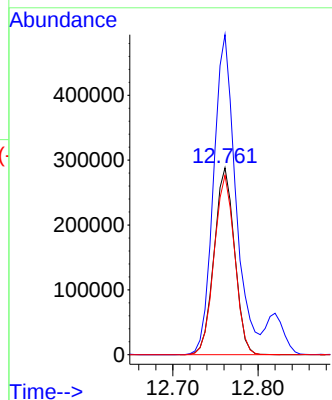
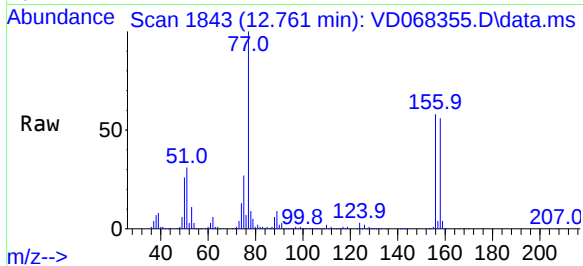
Tgt Ion: 156 Resp: 479379

Ion	Ratio	Lower	Upper
156	100		
77	186.7	82.8	248.3
158	96.6	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

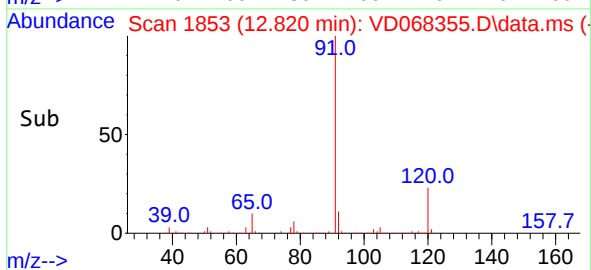
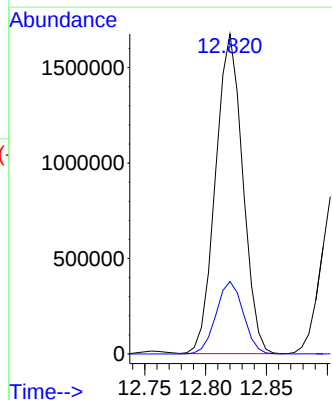
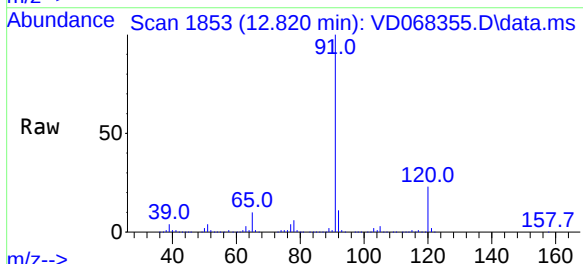
MMDadoda
2/15/2021 10:25:28 AM

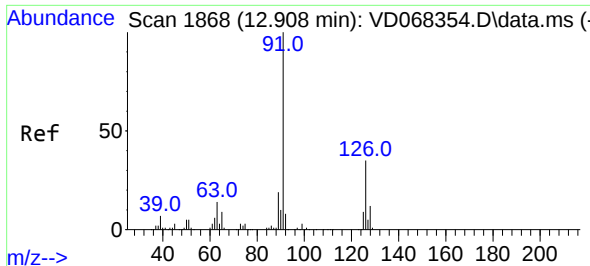


#78
n-propylbenzene
Concen: 87.23 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion: 91 Resp: 2602844

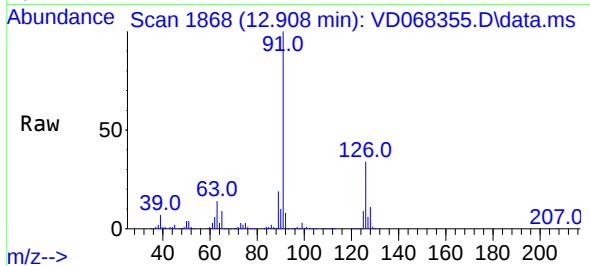
Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.0	36.0





#79
2-Chlorotoluene
Concen: 85.91 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

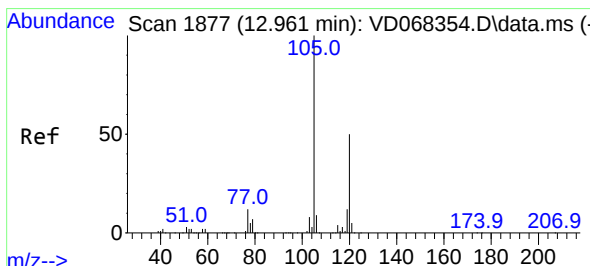
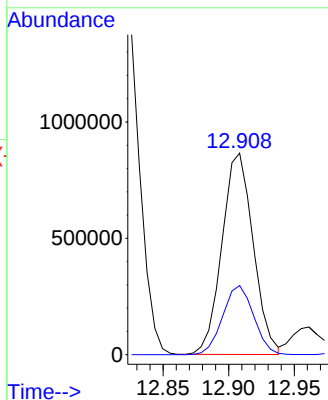
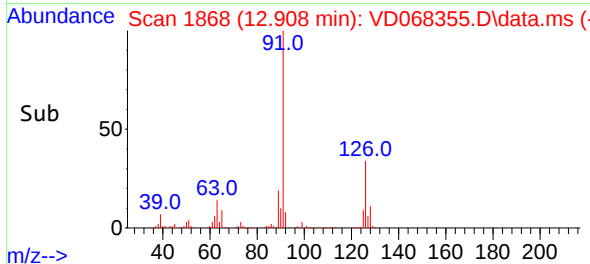
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



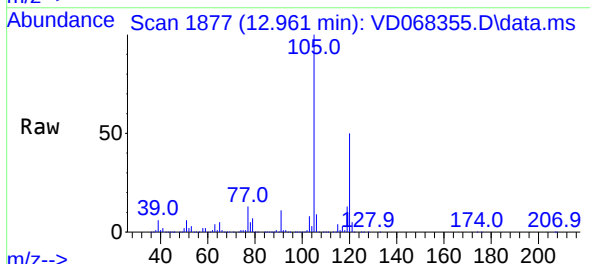
Tgt Ion: 91 Resp: 1436474
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.5

Manual Integrations
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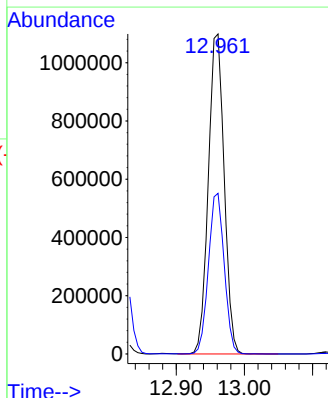
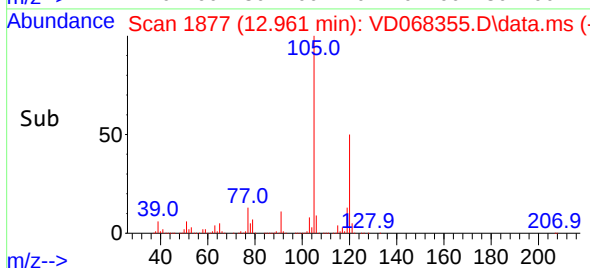
MMDadoda
2/15/2021 10:25:28 AM

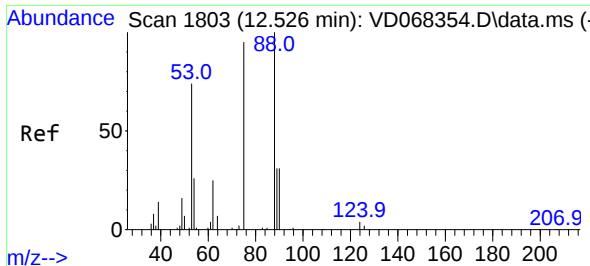


#80
1,3,5-Trimethylbenzene
Concen: 84.85 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



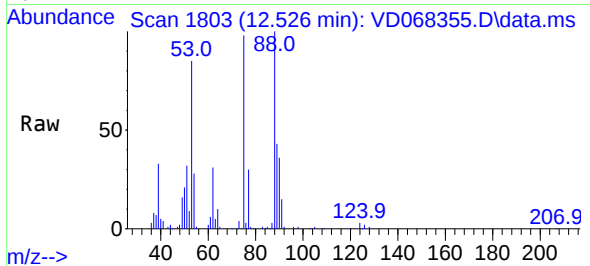
Tgt Ion:105 Resp: 1778556
Ion Ratio Lower Upper
105 100
120 49.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 85.38 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

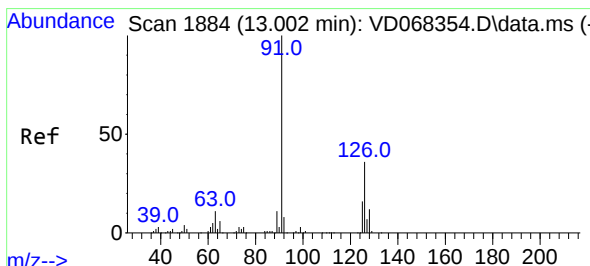
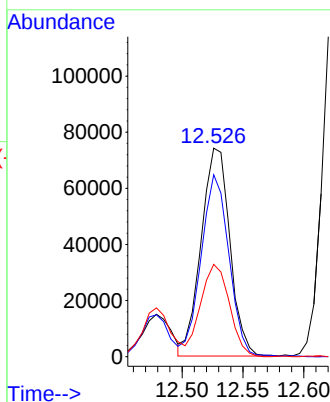
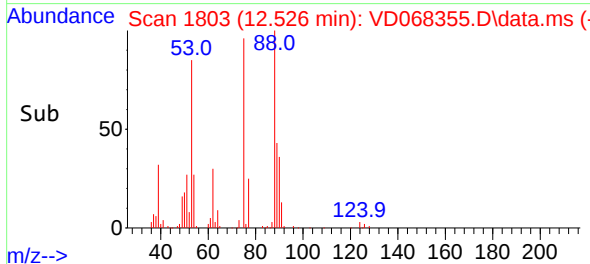
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



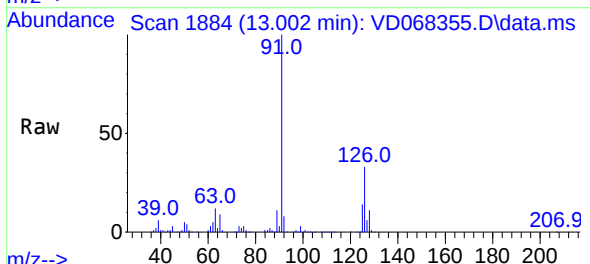
Tgt Ion: 75 Resp: 121933
Ion Ratio Lower Upper
75 100
53 85.1 70.2 105.2
89 44.1 40.3 60.5

Manual Integrations
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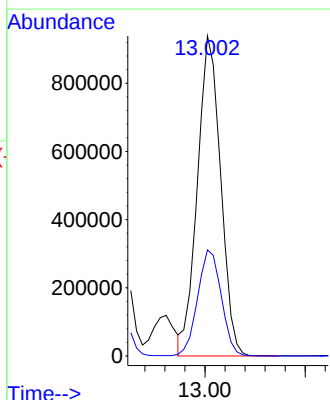
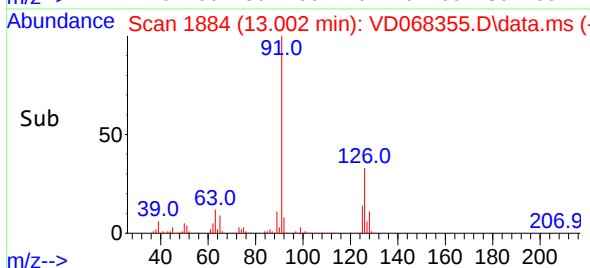
MMDadoda
2/15/2021 10:25:28 AM

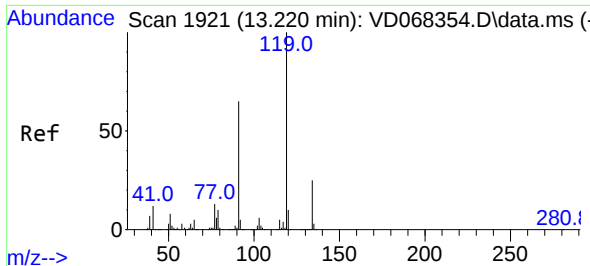


#82
4-Chlorotoluene
Concen: 86.92 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



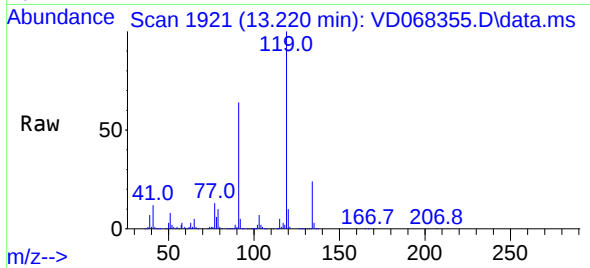
Tgt Ion: 91 Resp: 1513383
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1





#83
tert-Butylbenzene
Concen: 88.86 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

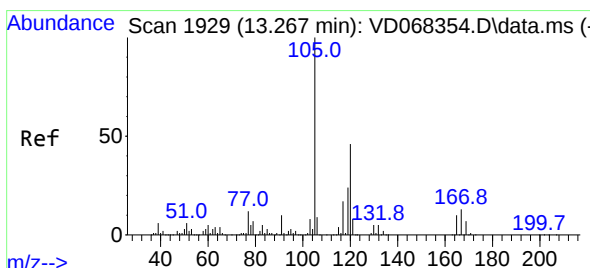
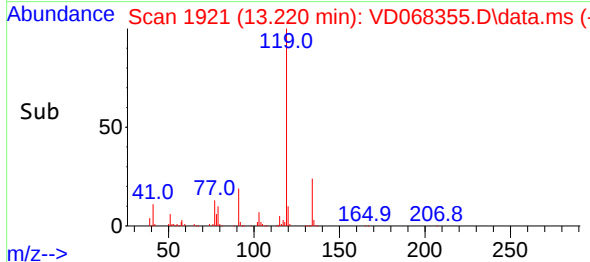
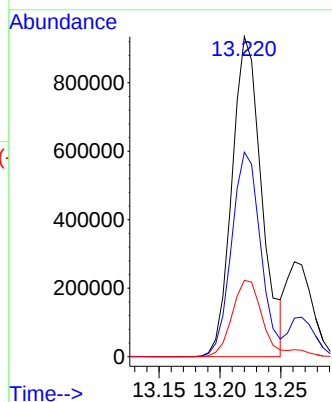
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



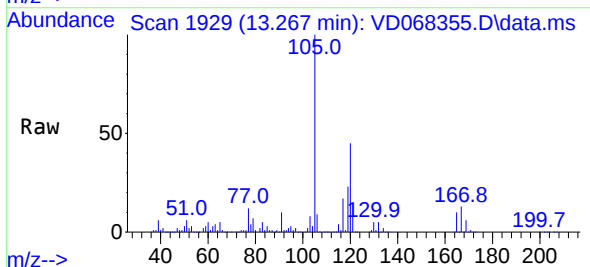
Tgt Ion:119 Resp: 1579225
Ion Ratio Lower Upper
119 100
91 62.8 31.1 93.5
134 25.5 13.3 39.8

Manual Integrations
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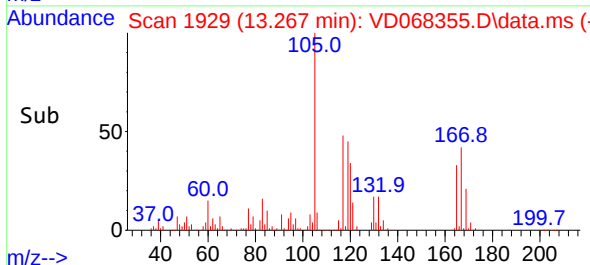
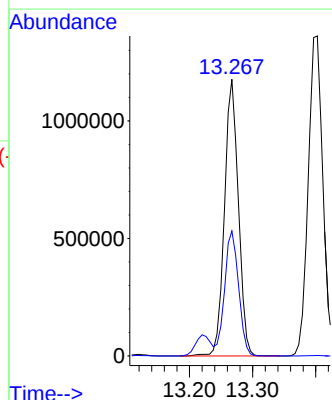
MMDadoda
2/15/2021 10:25:28 AM

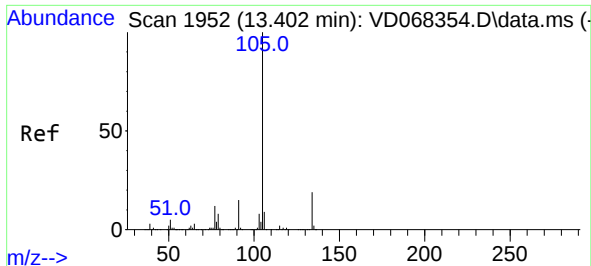


#84
1,2,4-Trimethylbenzene
Concen: 86.69 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion:105 Resp: 1803813
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





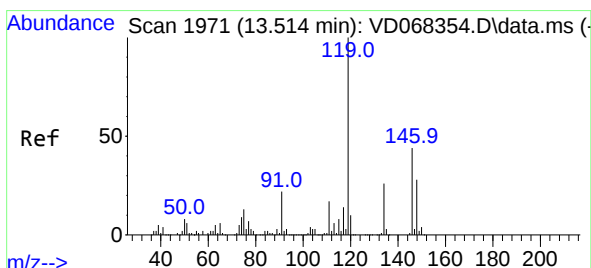
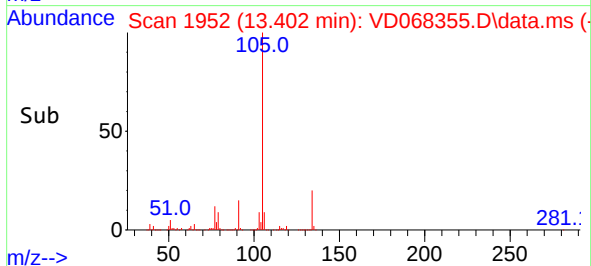
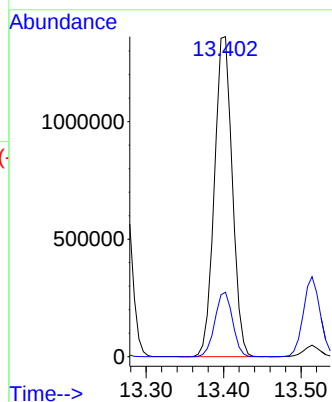
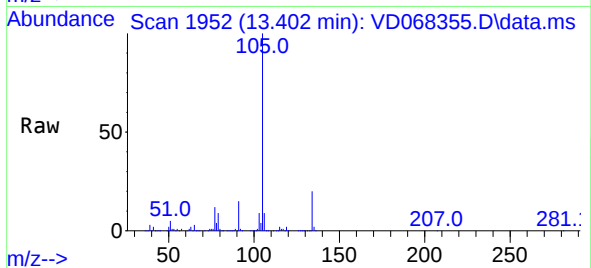
#85
sec-Butylbenzene
Concen: 87.35 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 2182075
Ion Ratio Lower Upper
105 100
134 19.9 10.3 30.9

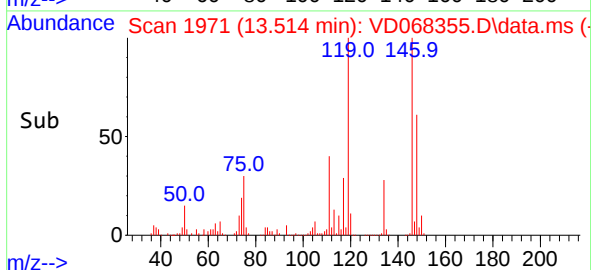
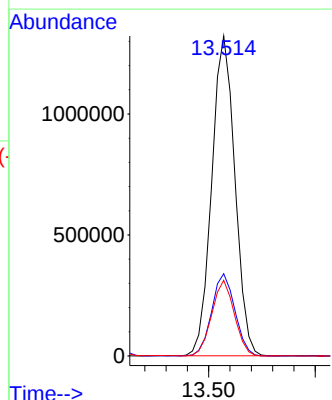
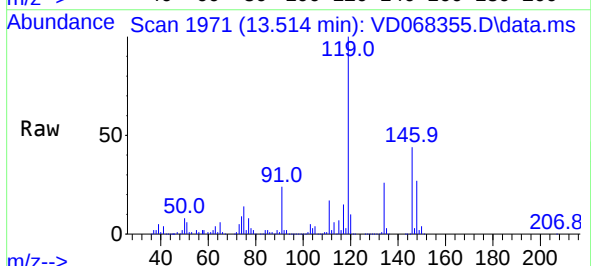
Manual Integrations
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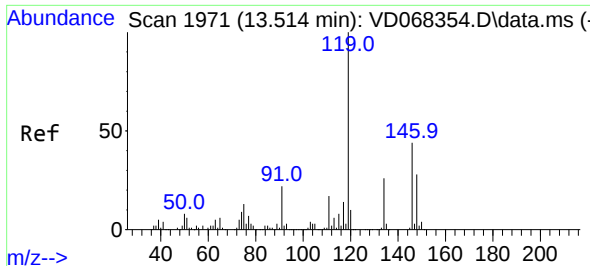
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2/15/2021 10:25:28 AM



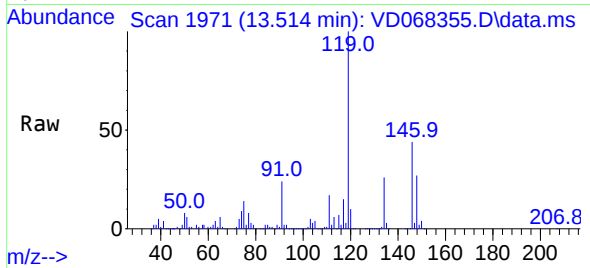
#86
p-Isopropyltoluene
Concen: 88.06 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:119 Resp: 1994288
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.7
91 23.0 11.7 35.0

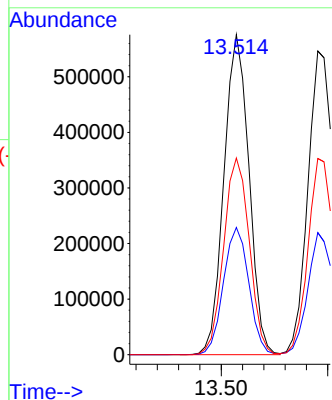




#87
1,3-Dichlorobenzene
Concen: 89.87 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



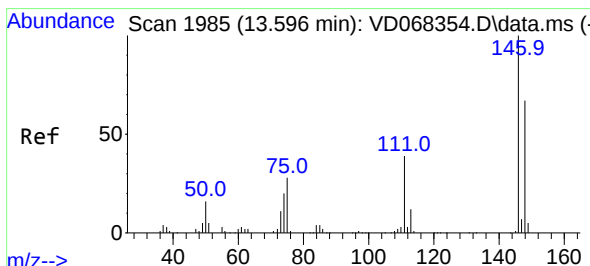
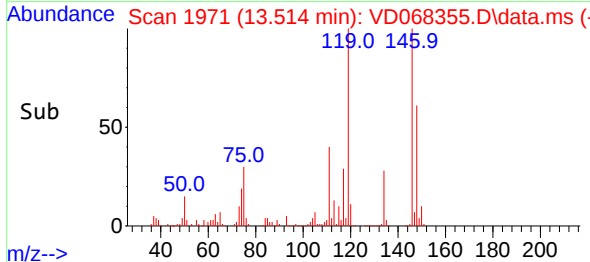
Tgt Ion:146 Resp: 938127
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.0 31.6 95.0



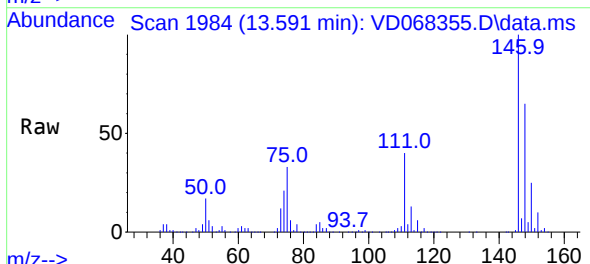
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

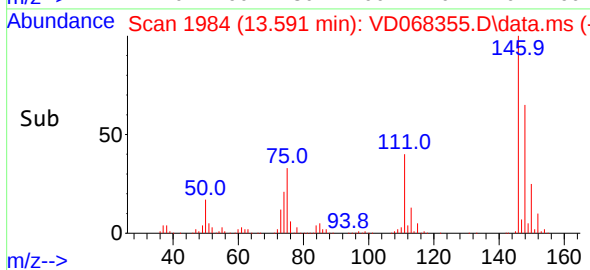
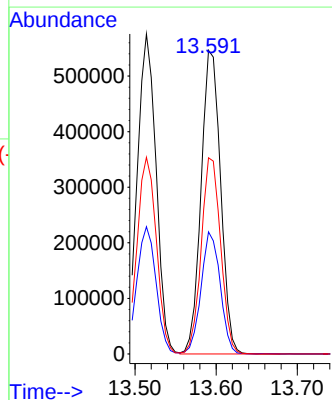
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2/15/2021 10:25:28 AM

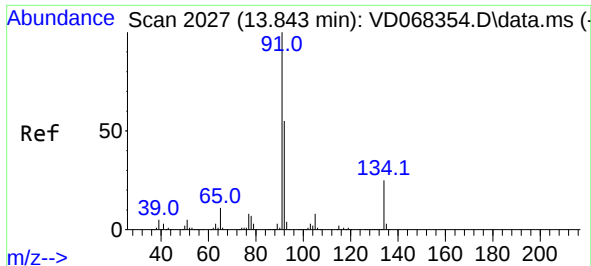


#88
1,4-Dichlorobenzene
Concen: 89.00 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



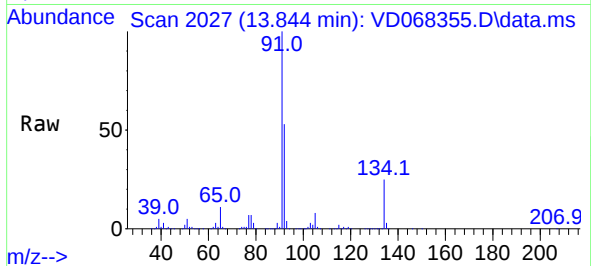
Tgt Ion:146 Resp: 913302
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 88.22 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

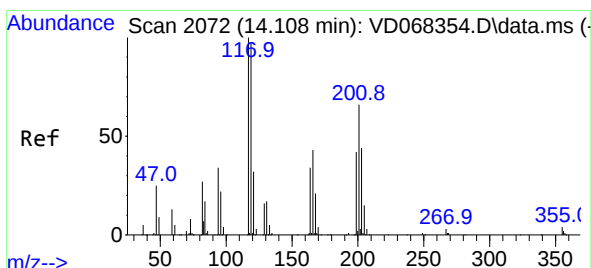
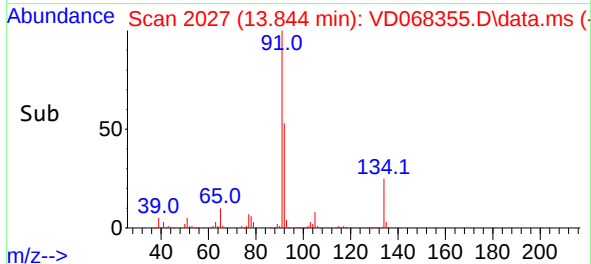
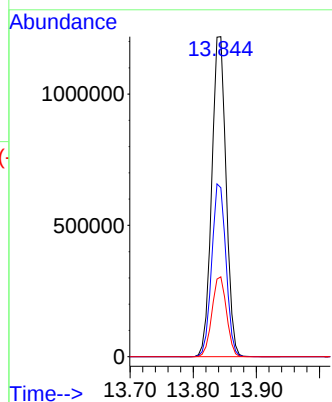
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1917200
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 25.4 13.9 41.7

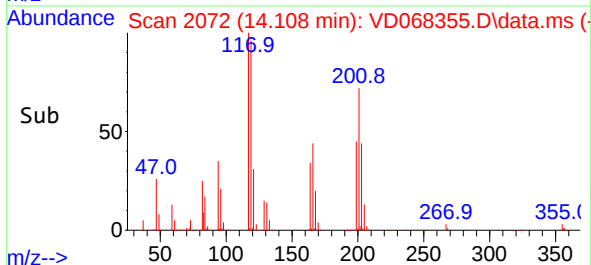
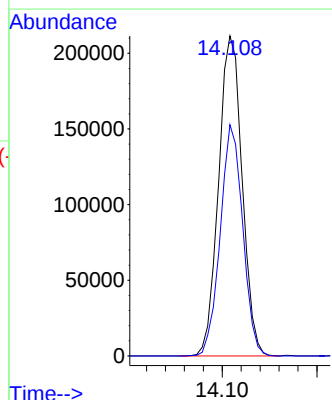
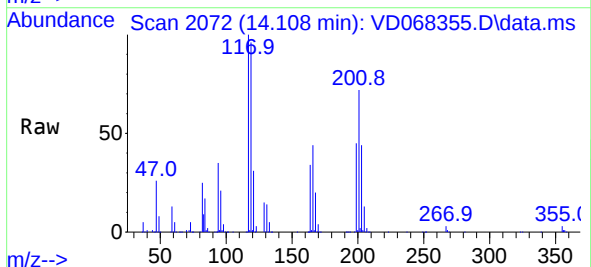
Manual Integrations
APPROVED

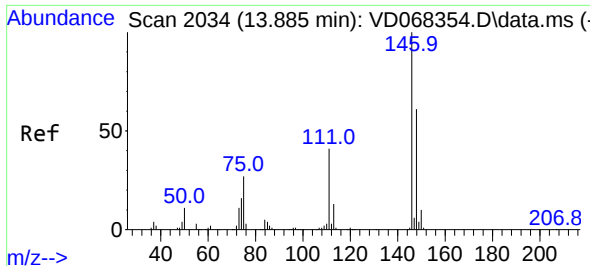
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2/15/2021 10:25:28 AM



#90
Hexachloroethane
Concen: 89.74 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

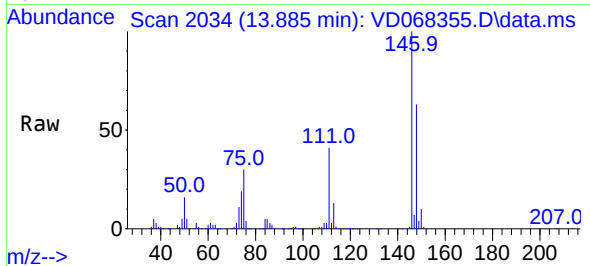
Tgt Ion: 117 Resp: 365063
Ion Ratio Lower Upper
117 100
201 69.0 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 90.95 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

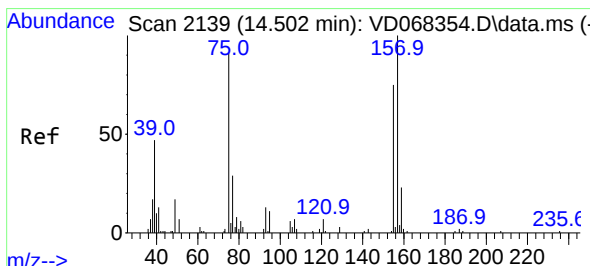
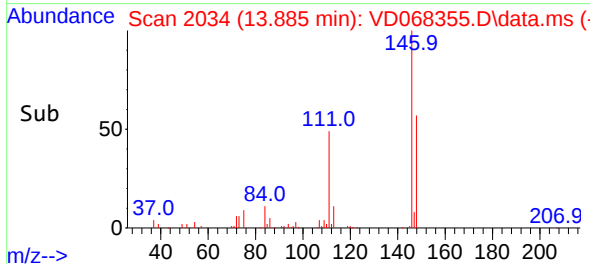
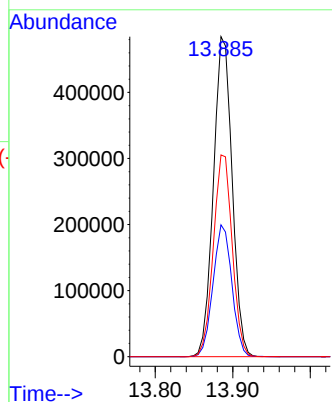
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



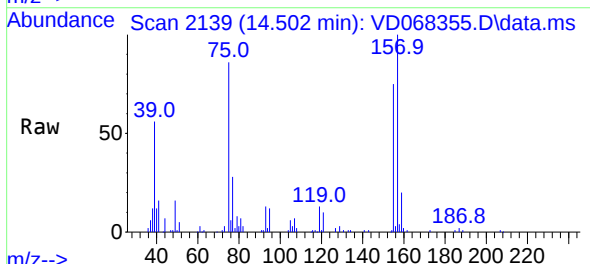
Tgt Ion:146 Resp: 812815
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 63.5 31.7 95.1

Manual Integrations
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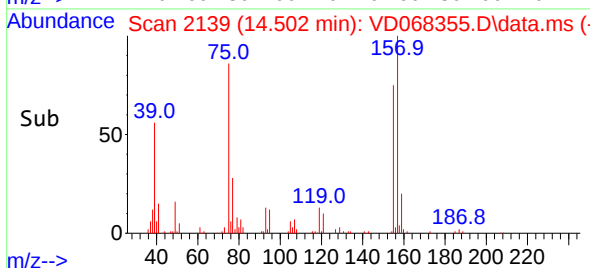
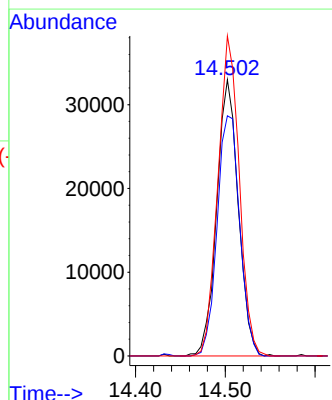
MMDadoda
2/15/2021 10:25:28 AM

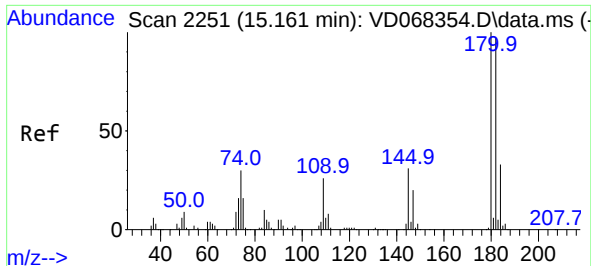


#92
1,2-Dibromo-3-Chloropropane
Concen: 83.96 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



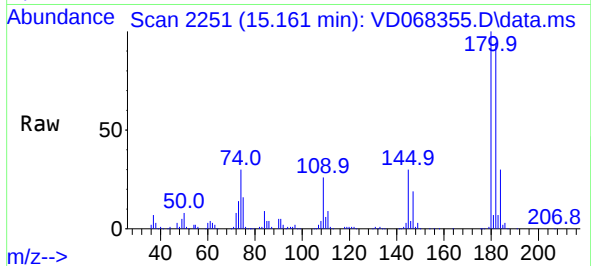
Tgt Ion: 75 Resp: 54991
Ion Ratio Lower Upper
75 100
155 90.9 48.0 144.2
157 114.9 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 89.26 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

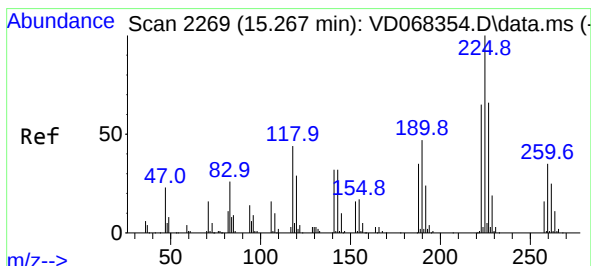
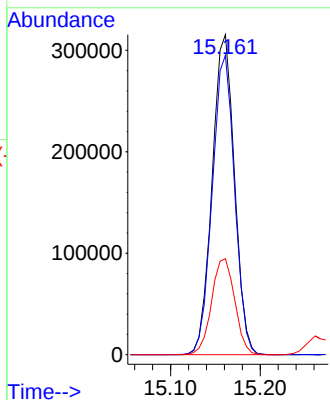
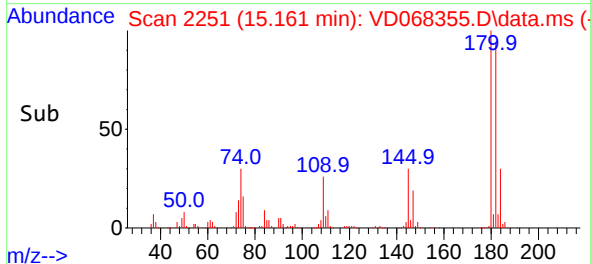
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



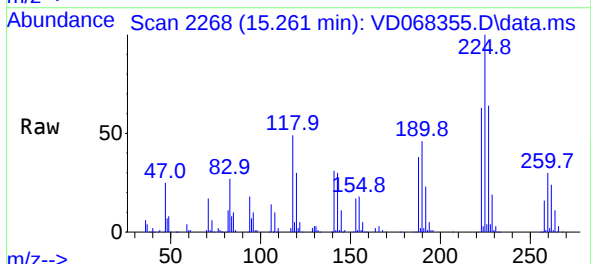
Tgt Ion:180 Resp: 544447
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.4
145 31.2 15.2 45.5

Manual Integrations
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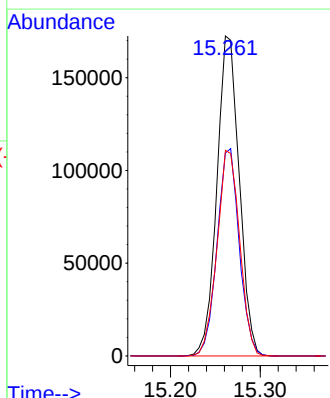
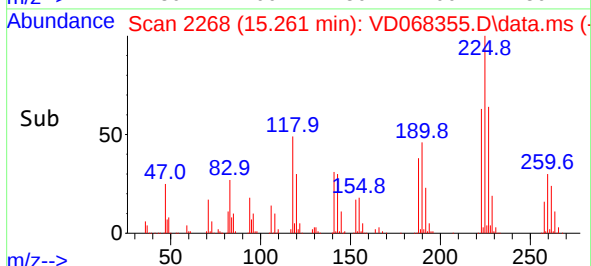
MMDadoda
2/15/2021 10:25:28 AM

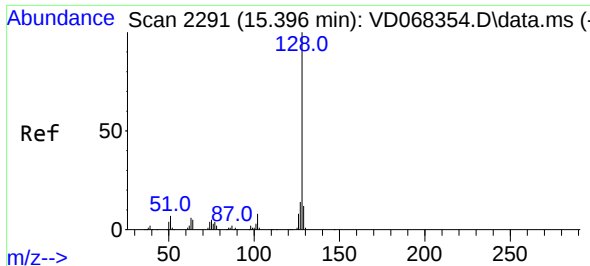


#94
Hexachlorobutadiene
Concen: 88.16 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31



Tgt Ion:225 Resp: 298806
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.5
227 65.0 32.1 96.5





#95
Naphthalene
Concen: 91.61 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

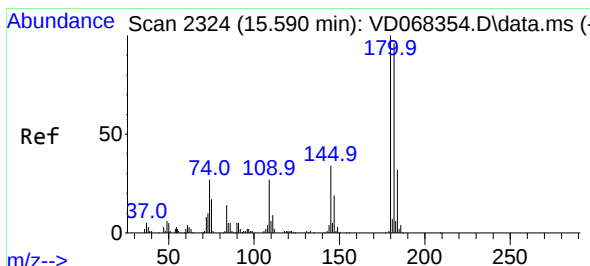
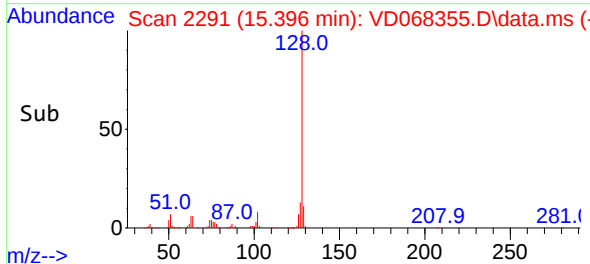
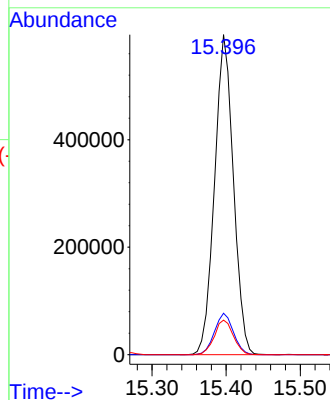
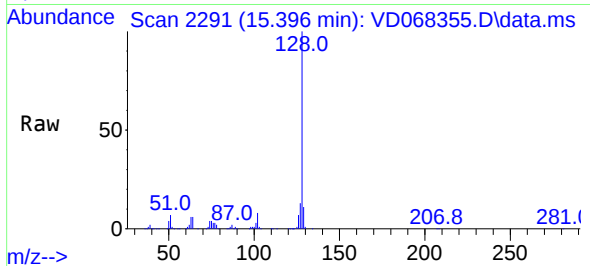
Tgt Ion:128 Resp: 1049728

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
2/15/2021 10:25:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 91.20 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068355.D
Acq: 12 Feb 2021 12:31

Tgt Ion:180 Resp: 471536

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.3	144.8
145	32.8	16.7	50.1

