

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
 Data File : VD068626.D
 Acq On : 16 Mar 2021 12:38
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Manual Integrations
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 3/17/2021 11:47:36 AM

Quant Time: Mar 17 01:05:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	258229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	443832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	401554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	228637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	117931	45.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.42%		
35) Dibromofluoromethane	7.914	113	125312	46.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.74%		
50) Toluene-d8	10.344	98	477468	44.84	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.68%		
62) 4-Bromofluorobenzene	12.632	95	165642	48.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.52%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	52501	20.95	ug/l	98
3) Chloromethane	2.215	50	64399	20.33	ug/l	98
4) Vinyl Chloride	2.350	62	80905	21.52	ug/l	96
5) Bromomethane	2.756	94	56988	21.28	ug/l	91
6) Chloroethane	2.920	64	53277	21.91	ug/l	96
7) Trichlorofluoromethane	3.273	101	97475	22.72	ug/l	96
8) Diethyl Ether	3.709	74	26579	20.81	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	55813	21.35	ug/l	95
10) Methyl Iodide	4.297	142	51809	18.33	ug/l	96
11) Tert butyl alcohol	5.232	59	14723	106.88	ug/l	95
12) 1,1-Dichloroethene	4.073	96	55286	21.32	ug/l	96
13) Acrolein	3.920	56	15415	78.30	ug/l	98
14) Allyl chloride	4.720	41	66430	19.84	ug/l	97
15) Acrylonitrile	5.432	53	61820	114.68	ug/l	98
16) Acetone	4.161	43	41632	101.59	ug/l #	79
17) Carbon Disulfide	4.409	76	167925	19.76	ug/l	98
18) Methyl Acetate	4.720	43	21784	20.62	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	134835	23.98	ug/l	92
20) Methylene Chloride	4.967	84	70762	20.65	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	73656	23.79	ug/l	94
22) Diisopropyl ether	6.361	45	153079	20.76	ug/l	90
23) Vinyl Acetate	6.308	43	380198	99.38	ug/l	99
24) 1,1-Dichloroethane	6.267	63	106021	20.98	ug/l	98
25) 2-Butanone	7.214	43	59781	101.48	ug/l	99
26) 2,2-Dichloropropane	7.214	77	93884	22.30	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	69846	20.55	ug/l	96
28) Bromochloromethane	7.550	49	39217	19.88	ug/l	80
29) Tetrahydrofuran	7.567	42	37337	97.60	ug/l	99
30) Chloroform	7.714	83	114302	21.41	ug/l	96
31) Cyclohexane	7.991	56	92225	19.66	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	101040	22.18	ug/l	96
36) 1,1-Dichloropropene	8.114	75	87362	20.71	ug/l	98
37) Ethyl Acetate	7.297	43	27668	19.77	ug/l	98
38) Carbon Tetrachloride	8.102	117	85817	21.65	ug/l	98
39) Methylcyclohexane	9.355	83	103888	19.97	ug/l	99
40) Benzene	8.355	78	251586	20.79	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	17282m	21.27	ug/l	
42) 1,2-Dichloroethane	8.432	62	66415	20.87	ug/l	99
43) Isopropyl Acetate	8.455	43	53952	20.97	ug/l	97
44) Trichloroethene	9.114	130	66340	19.97	ug/l	87
45) 1,2-Dichloropropane	9.385	63	60169	20.80	ug/l	98
46) Dibromomethane	9.473	93	33114	21.04	ug/l	94
47) Bromodichloromethane	9.661	83	88303	21.69	ug/l	96
48) Methyl methacrylate	9.455	41	28007	20.42	ug/l	97
49) 1,4-Dioxane	9.467	88	7367	410.45	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	138137	102.61	ug/l	100
52) Toluene	10.402	92	162749	21.06	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	80231	21.32	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	98609	21.48	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	47173	21.66	ug/l #	89
56) Ethyl methacrylate	10.661	69	51409	20.53	ug/l	99
57) 1,3-Dichloropropane	10.943	76	80617	21.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	121108	96.42	ug/l	94
59) 2-Hexanone	10.985	43	91913	102.43	ug/l	98
60) Dibromochloromethane	11.143	129	56563	20.98	ug/l	98
61) 1,2-Dibromoethane	11.243	107	45550	21.37	ug/l	95
64) Tetrachloroethene	10.879	164	57191	21.81	ug/l	95
65) Chlorobenzene	11.673	112	173516	21.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	62099	21.85	ug/l	97
67) Ethyl Benzene	11.743	91	309018	21.17	ug/l	97
68) m/p-Xylenes	11.855	106	244904	44.18	ug/l	99
69) o-Xylene	12.179	106	112306	22.00	ug/l	95
70) Styrene	12.196	104	195768	22.42	ug/l	98
71) Bromoform	12.355	173	32925	22.80	ug/l #	99
73) Isopropylbenzene	12.479	105	305083	17.99	ug/l	100
74) N-amyl acetate	12.285	43	50303	17.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	54287	18.61	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	37953m	18.70	ug/l	
77) Bromobenzene	12.761	156	75066	19.40	ug/l	93
78) n-propylbenzene	12.820	91	395248	19.51	ug/l	97
79) 2-Chlorotoluene	12.908	91	222902	19.82	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	269040	19.36	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	16331	18.78	ug/l	93
82) 4-Chlorotoluene	13.002	91	230355	19.47	ug/l	99
83) tert-Butylbenzene	13.220	119	234973	19.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	272183	19.55	ug/l	99
85) sec-Butylbenzene	13.396	105	332491	19.89	ug/l	98
86) p-Isopropyltoluene	13.514	119	321185	21.17	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	156395	20.92	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	158266	21.37	ug/l	99
89) n-Butylbenzene	13.837	91	305941	20.90	ug/l	97
90) Hexachloroethane	14.108	117	52522	17.42	ug/l	91
91) 1,2-Dichlorobenzene	13.884	146	138773	21.65	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9405	18.29	ug/l	88
93) 1,2,4-Trichlorobenzene	15.155	180	95869	19.36	ug/l	96
94) Hexachlorobutadiene	15.261	225	53352	19.41	ug/l	98
95) Naphthalene	15.396	128	158070	17.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	79999	18.66	ug/l	96

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 ALS Vial : 5 Sample Multiplier: 1

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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

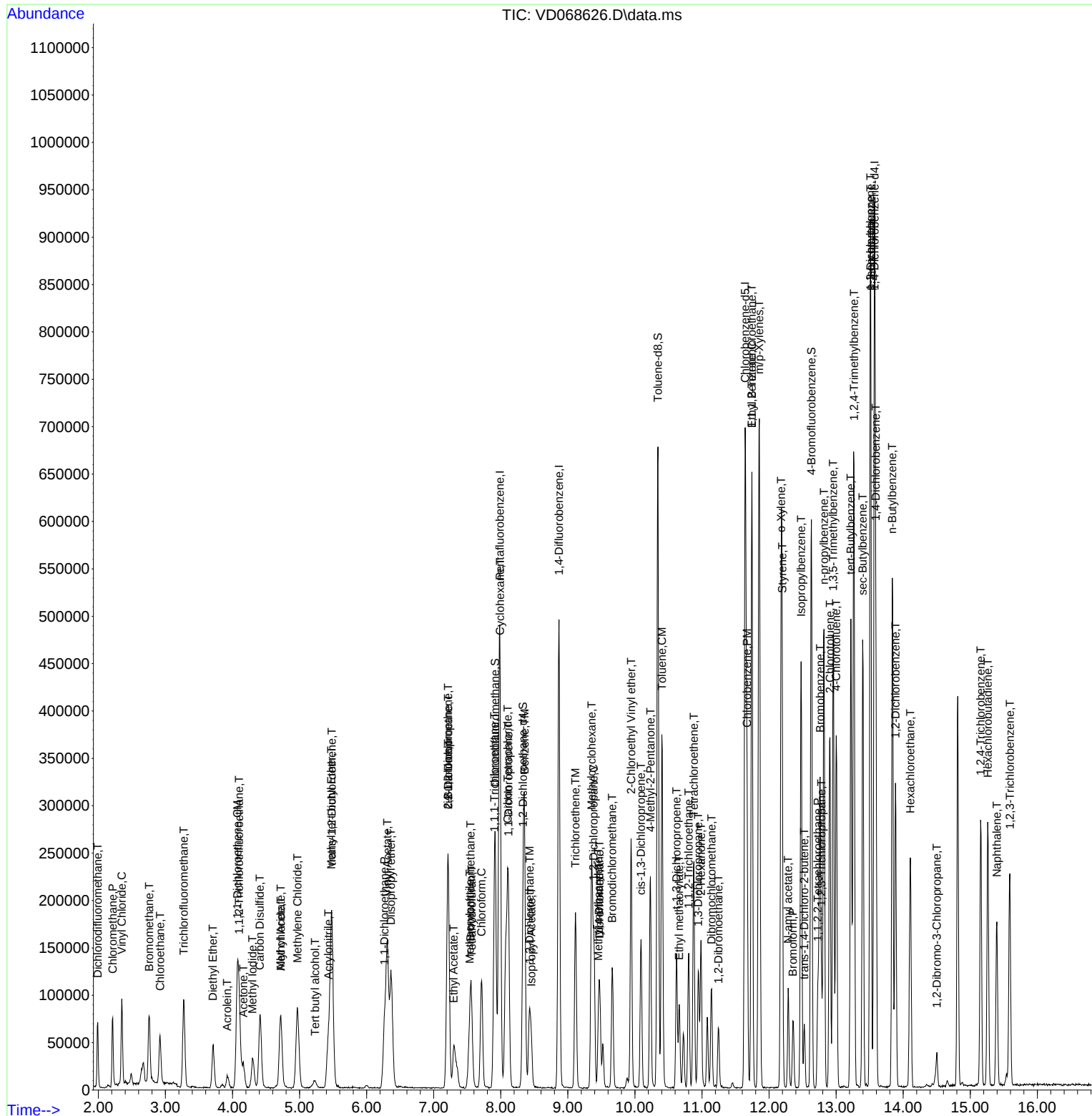
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Data File : VD068626.D
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Sample : VD0316SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

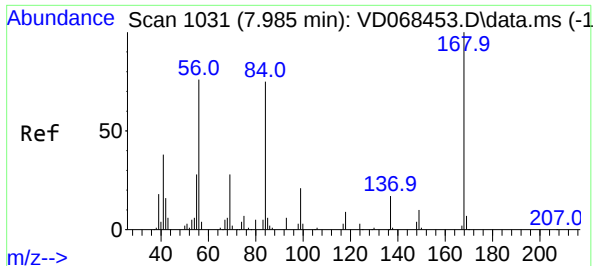
Instrument :
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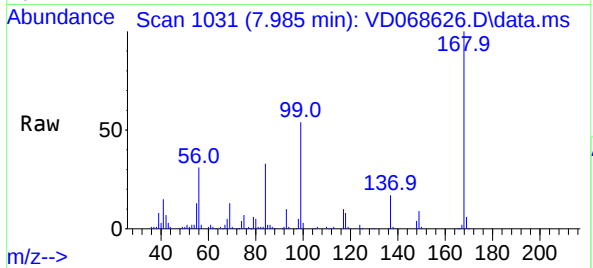
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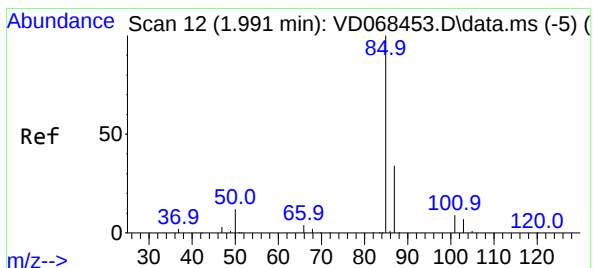
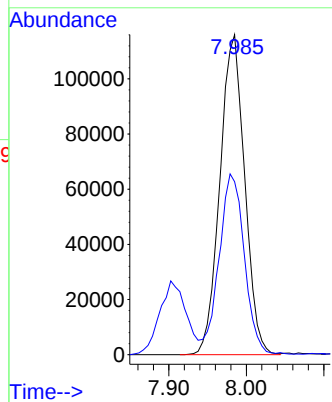
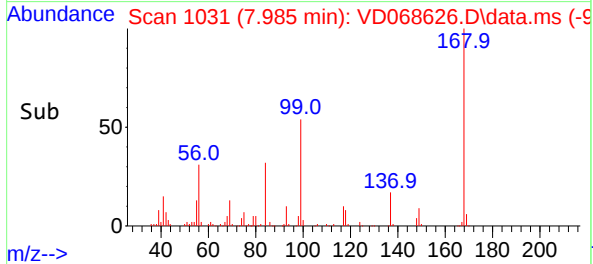




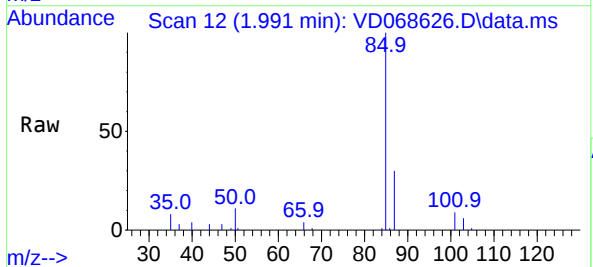
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



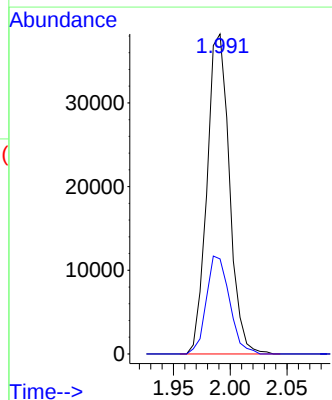
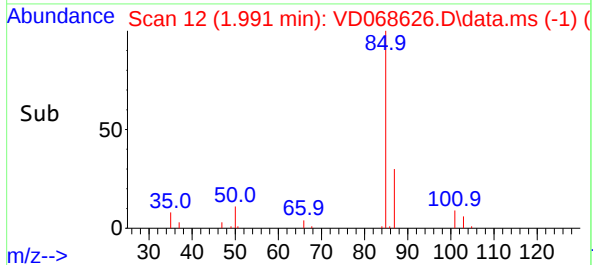
Tgt Ion:168 Resp: 258229
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 20.95 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



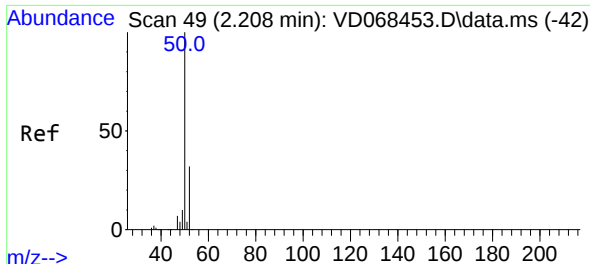
Tgt Ion: 85 Resp: 52501
Ion Ratio Lower Upper
85 100
87 29.7 15.4 46.1



Instrument :
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ClientSampleId :
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3/17/2021 11:47:36 AM



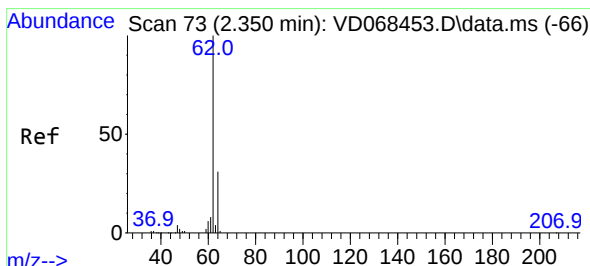
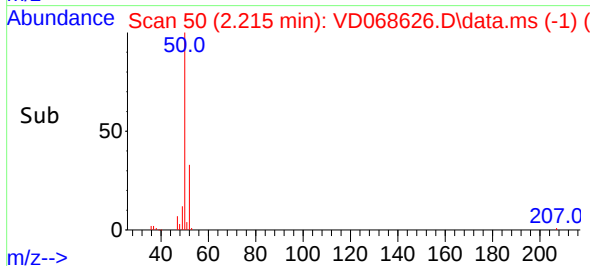
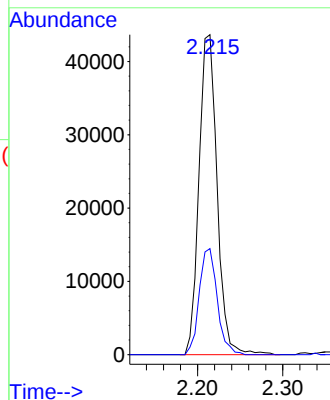
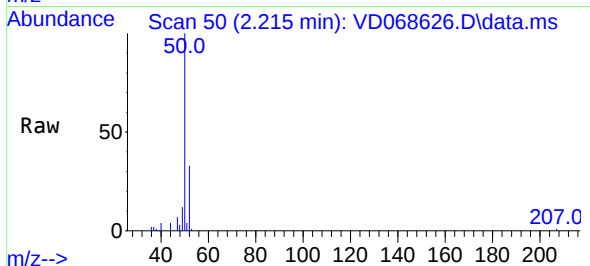
#3
Chloromethane
Concen: 20.33 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 50 Resp: 64399
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

Instrument :
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ClientSampleId :
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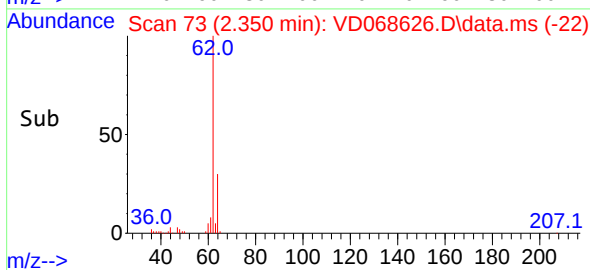
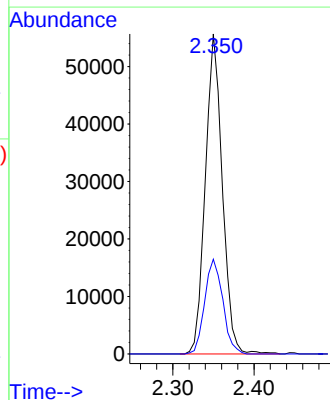
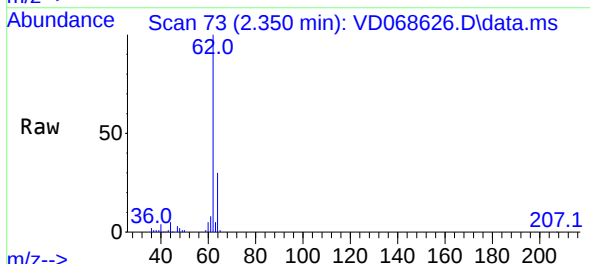
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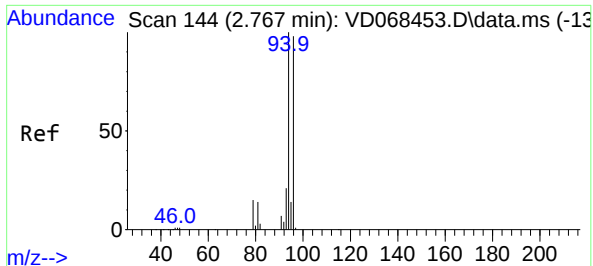
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#4
Vinyl Chloride
Concen: 21.52 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 62 Resp: 80905
Ion Ratio Lower Upper
62 100
64 29.6 25.4 38.2





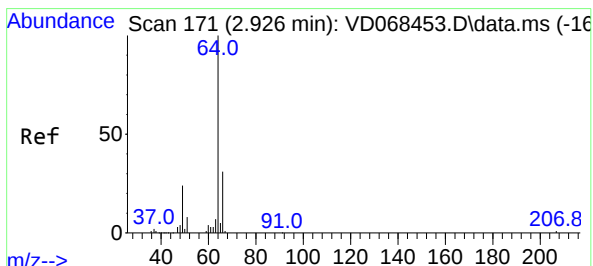
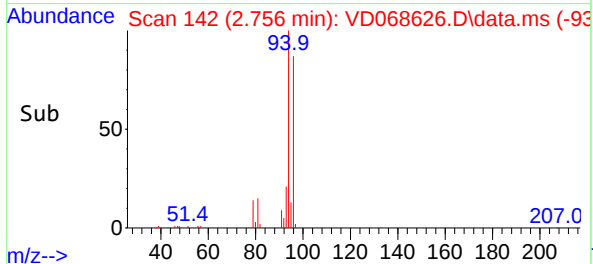
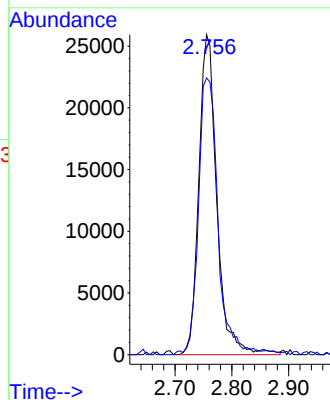
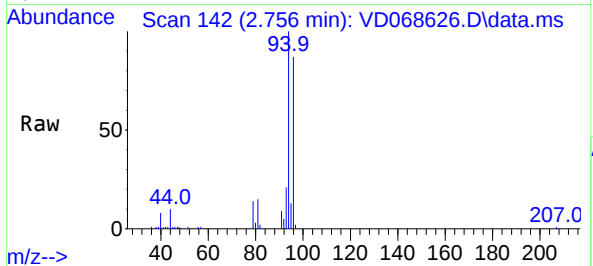
#5
Bromomethane
Concen: 21.28 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 94 Resp: 56988
Ion Ratio Lower Upper
94 100
96 85.9 75.8 113.8

Instrument :
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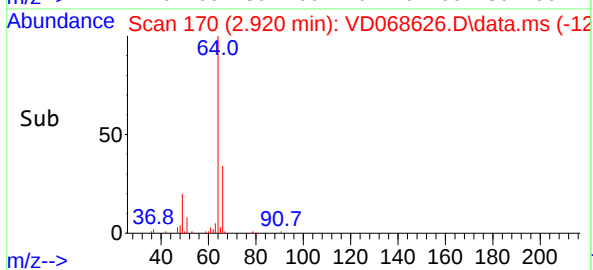
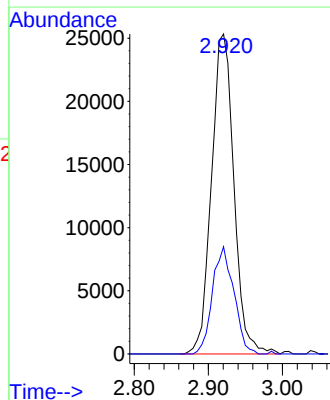
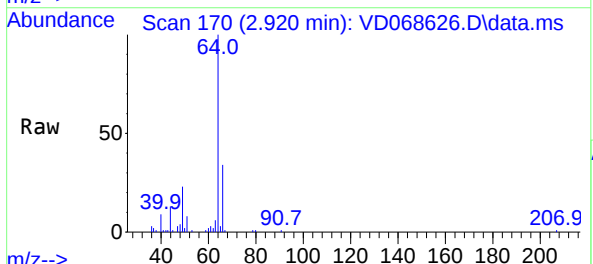
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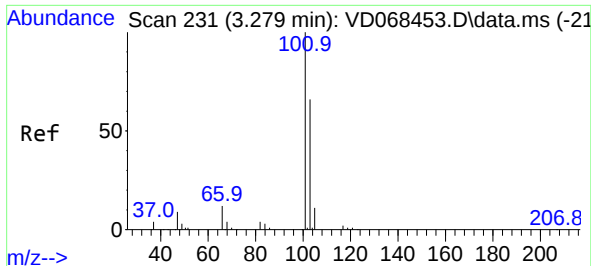
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3/17/2021 11:47:36 AM



#6
Chloroethane
Concen: 21.91 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 64 Resp: 53277
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





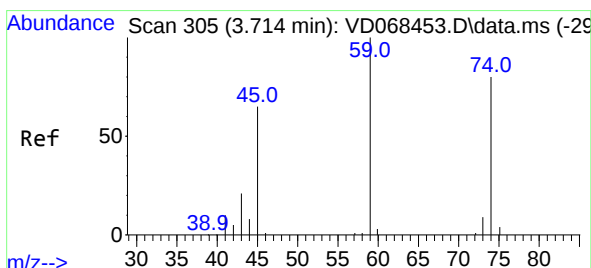
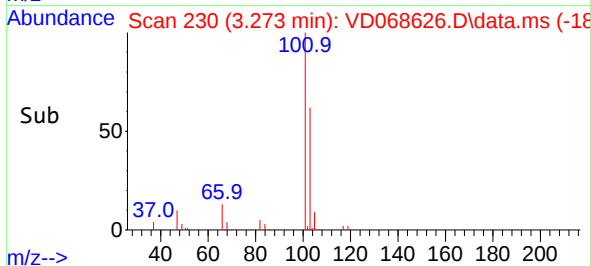
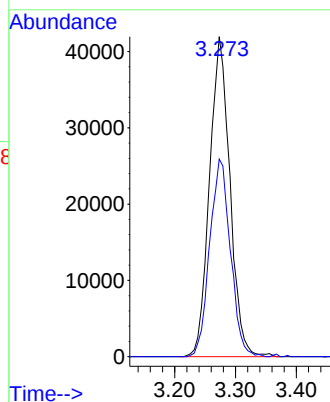
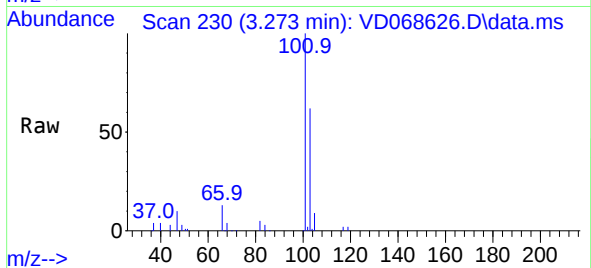
#7
Trichlorofluoromethane
Concen: 22.72 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:101 Resp: 97475
Ion Ratio Lower Upper
101 100
103 61.7 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

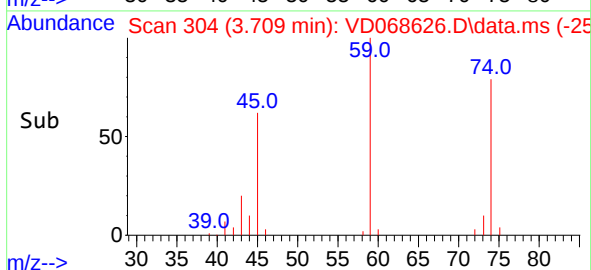
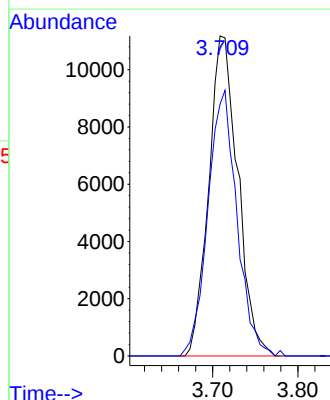
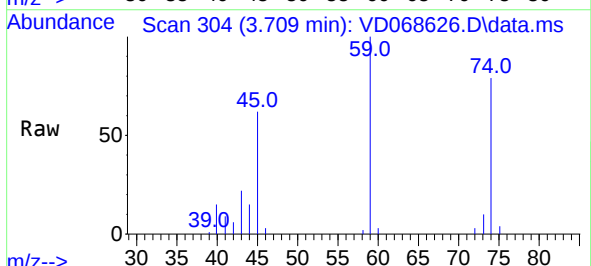
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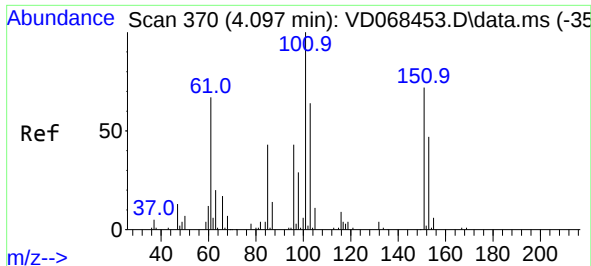
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3/17/2021 11:47:36 AM



#8
Diethyl Ether
Concen: 20.81 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 74 Resp: 26579
Ion Ratio Lower Upper
74 100
45 82.7 42.1 126.4





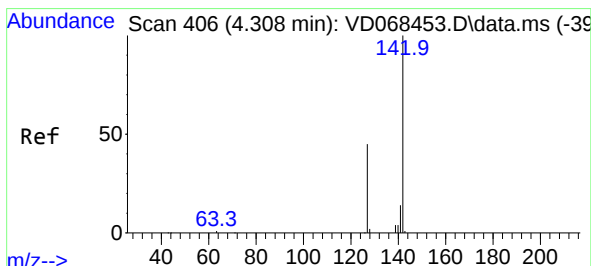
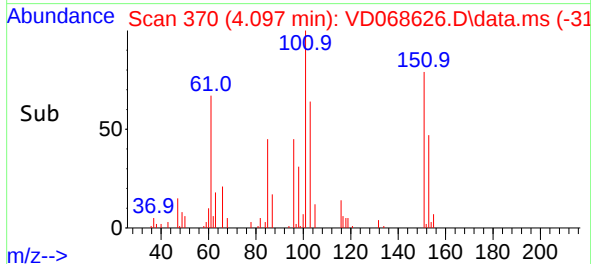
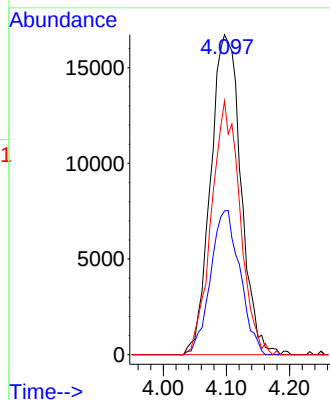
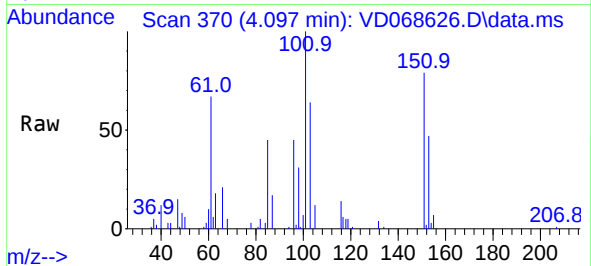
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.35 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:	101	Resp:	55813
Ion	Ratio	Lower	Upper
101	100		
85	43.8	34.0	51.0
151	74.9	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

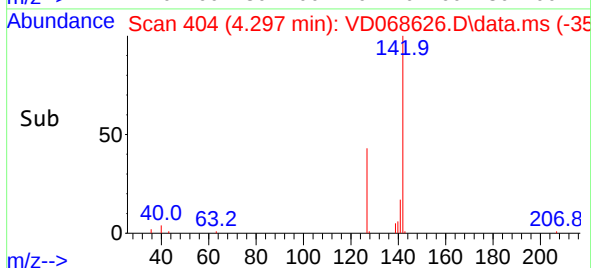
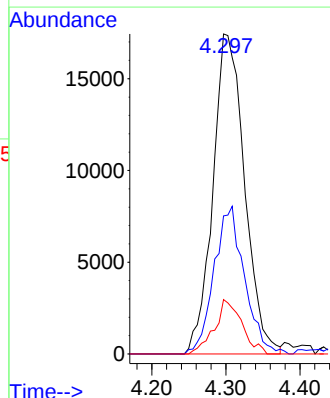
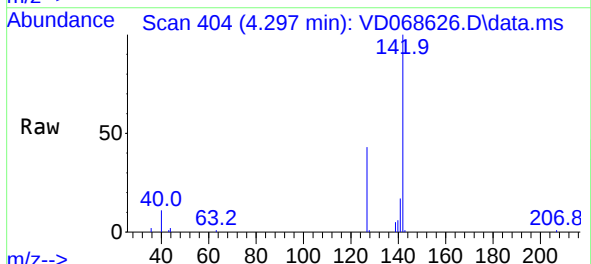
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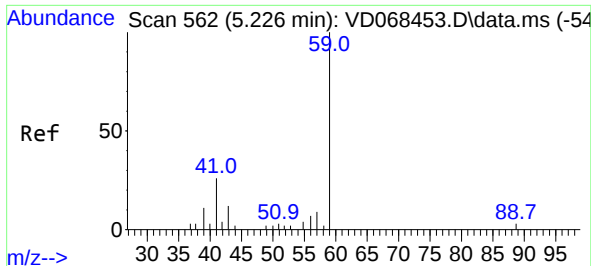
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#10
Methyl Iodide
Concen: 18.33 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

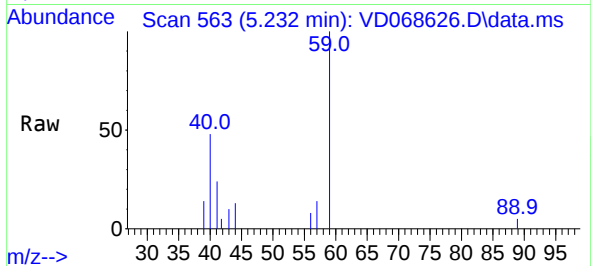
Tgt Ion:	142	Resp:	51809
Ion	Ratio	Lower	Upper
142	100		
127	44.3	37.9	56.9
141	14.7	11.5	17.3





#11
Tert butyl alcohol
Concen: 106.88 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

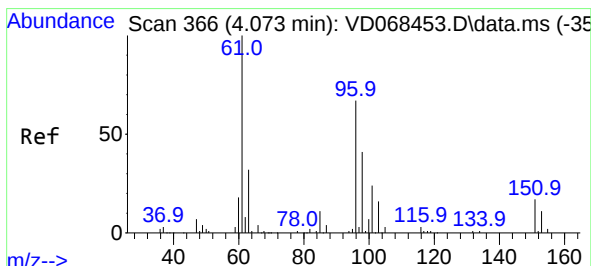
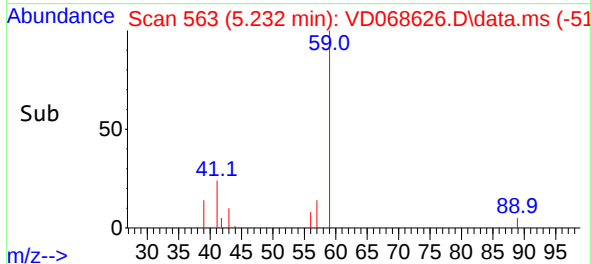
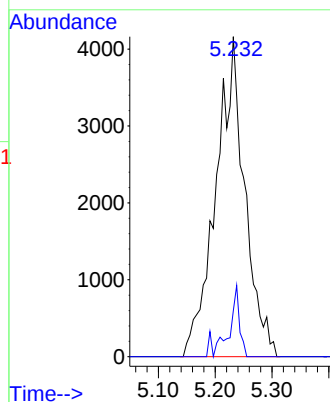
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 59 Resp: 14723
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.2

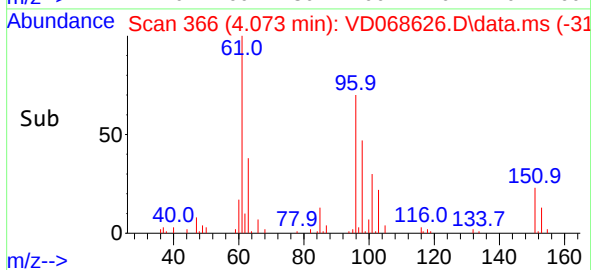
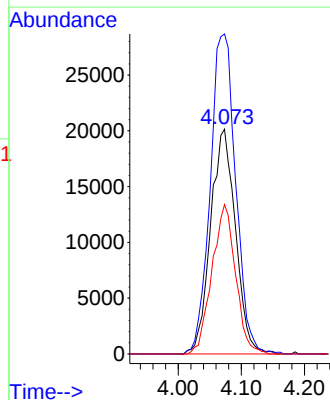
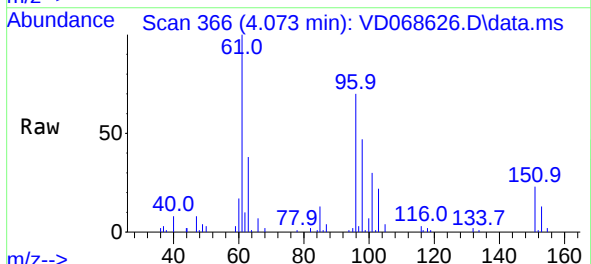
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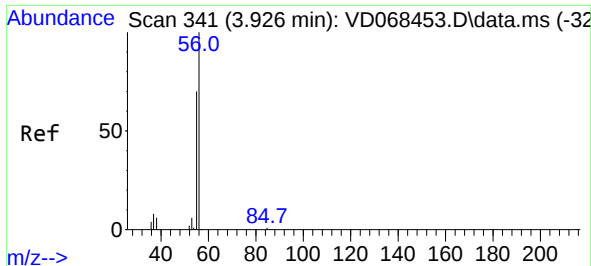
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.32 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 96 Resp: 55286
Ion Ratio Lower Upper
96 100
61 142.4 116.2 174.4
98 66.5 48.6 73.0





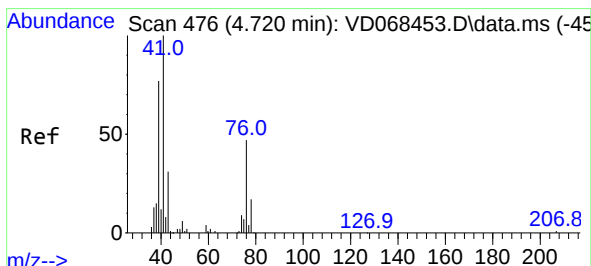
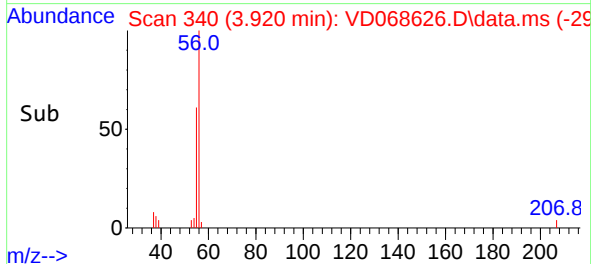
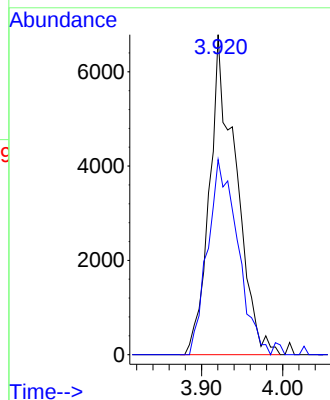
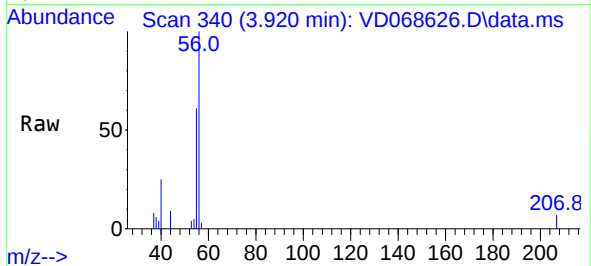
#13
Acrolein
Concen: 78.30 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 56 Resp: 15415
Ion Ratio Lower Upper
56 100
55 69.0 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

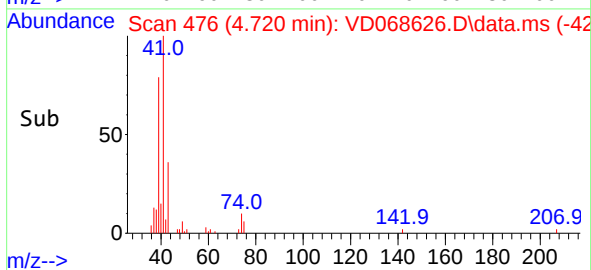
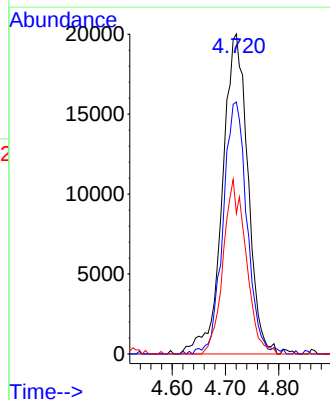
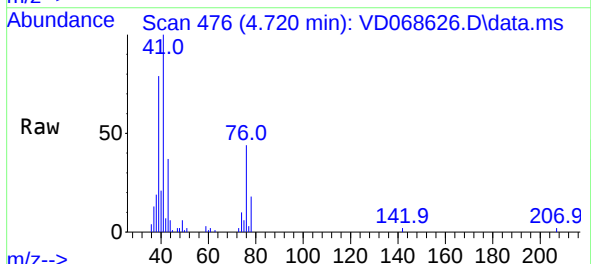
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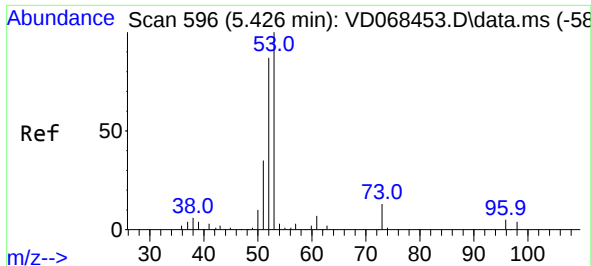
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#14
Allyl chloride
Concen: 19.84 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 41 Resp: 66430
Ion Ratio Lower Upper
41 100
39 73.6 56.3 84.5
76 49.0 38.9 58.3





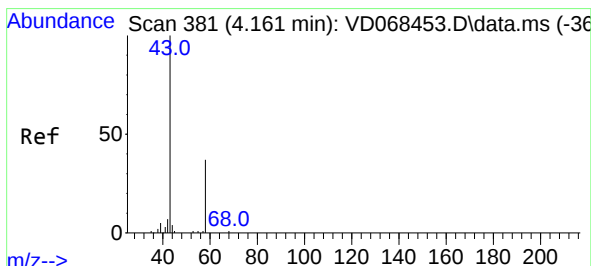
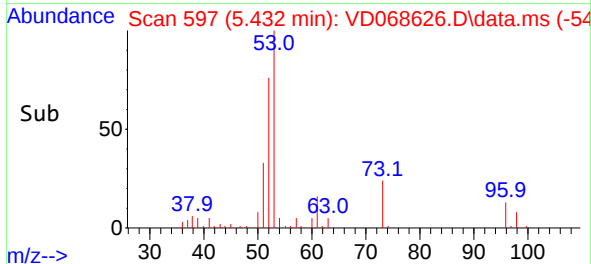
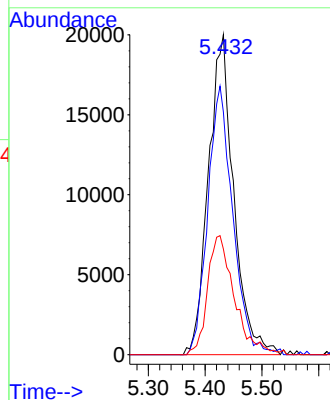
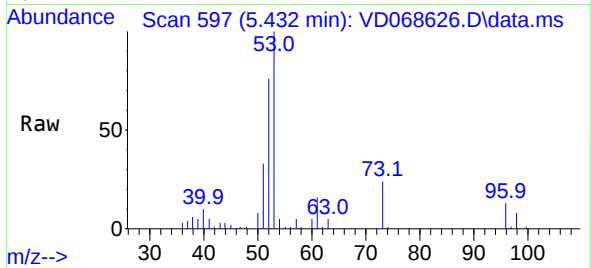
#15
Acrylonitrile
Concen: 114.68 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 53	Resp: 61820		
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	39.7	29.0	43.4

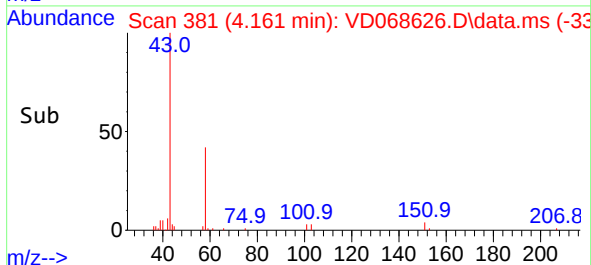
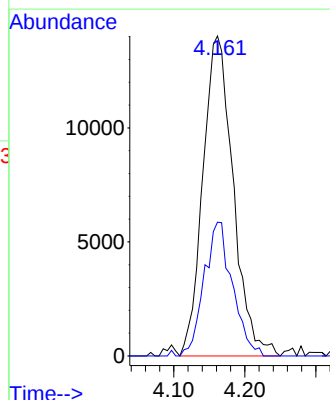
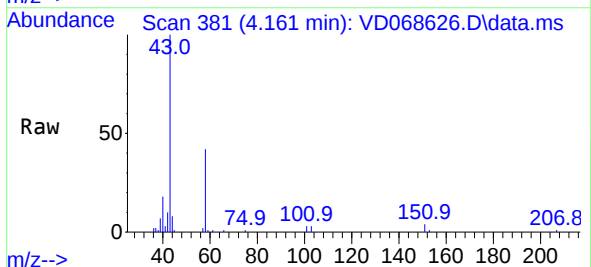
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

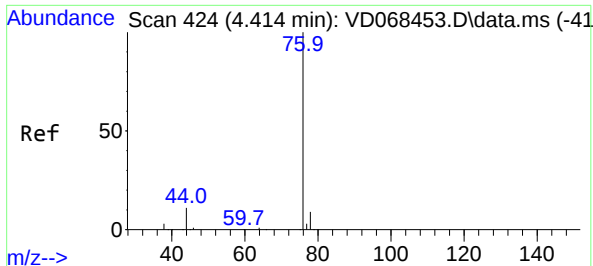
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#16
Acetone
Concen: 101.59 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38





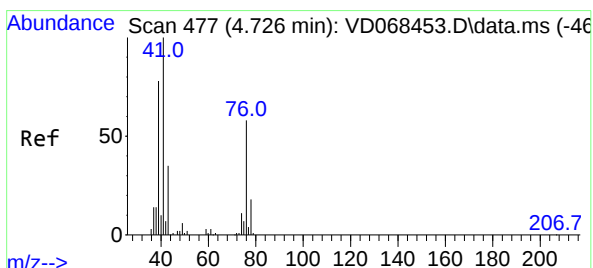
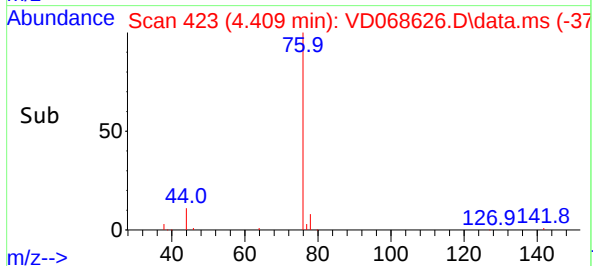
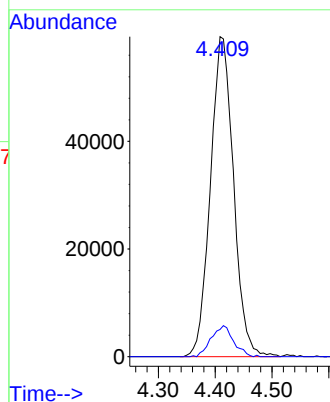
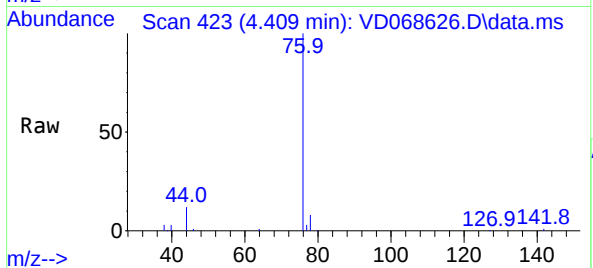
#17
Carbon Disulfide
Concen: 19.76 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 76 Resp: 167925
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

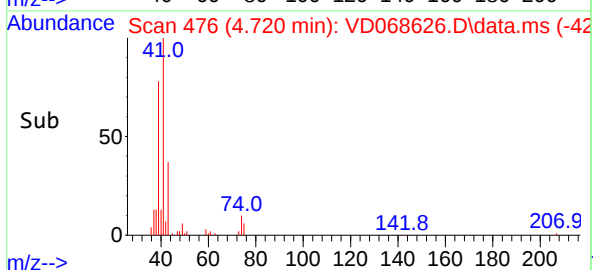
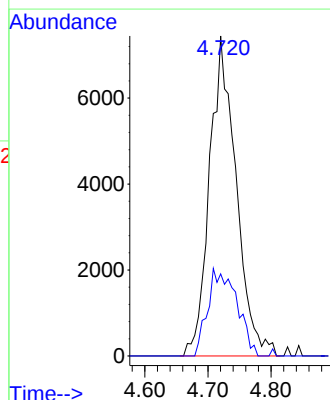
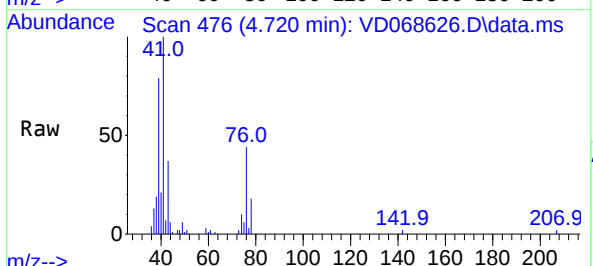
Manual Integrations
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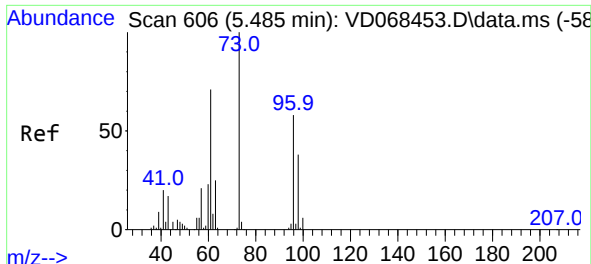
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#18
Methyl Acetate
Concen: 20.62 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

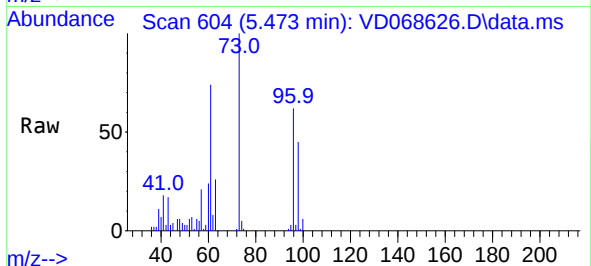
Tgt Ion: 43 Resp: 21784
Ion Ratio Lower Upper
43 100
74 29.7 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 23.98 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

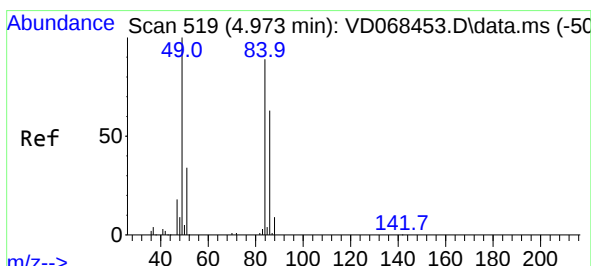
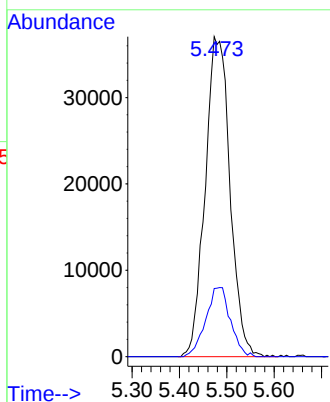
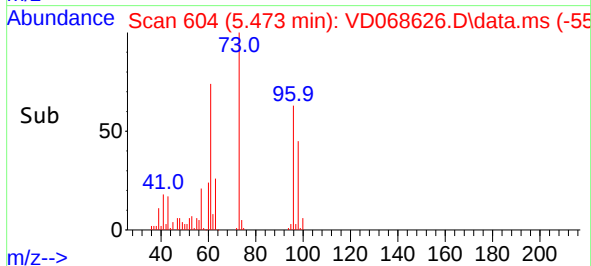
Instrument :
MSVOA_D
ClientSampleID :
VD0316SBSD01



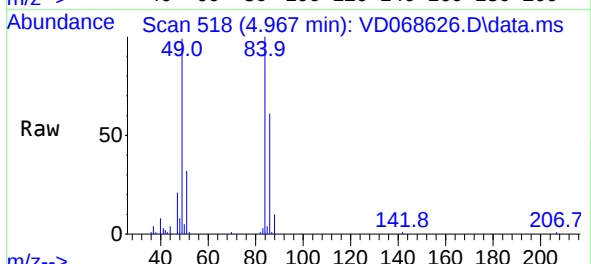
Tgt Ion: 73 Resp: 134835
Ion Ratio Lower Upper
73 100
57 21.3 14.4 21.6

Manual Integrations
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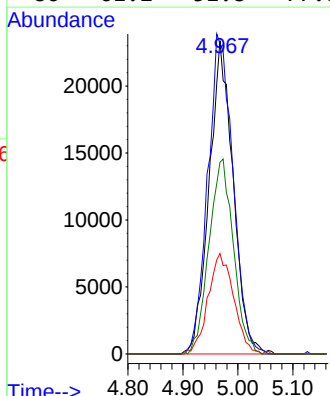
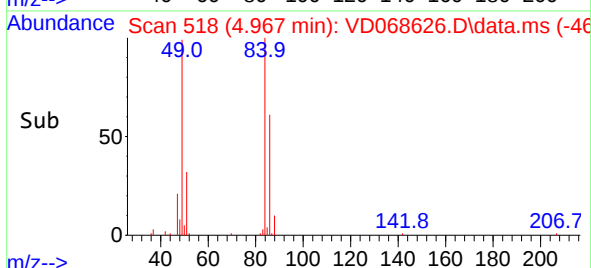
MMDadoda
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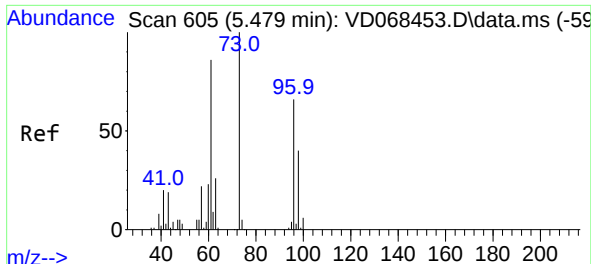


#20
Methylene Chloride
Concen: 20.65 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

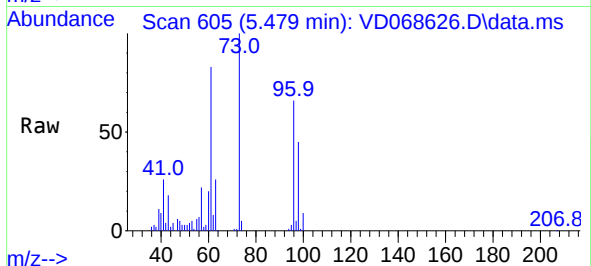


Tgt Ion: 84 Resp: 70762
Ion Ratio Lower Upper
84 100
49 99.1 77.4 116.2
51 32.0 26.1 39.1
86 61.2 51.8 77.8

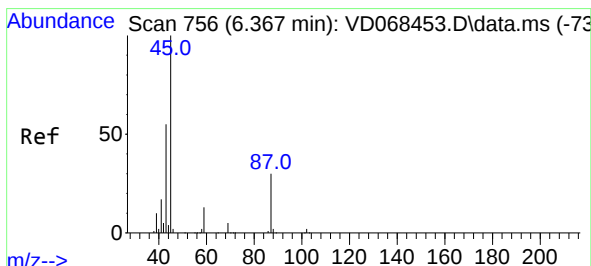
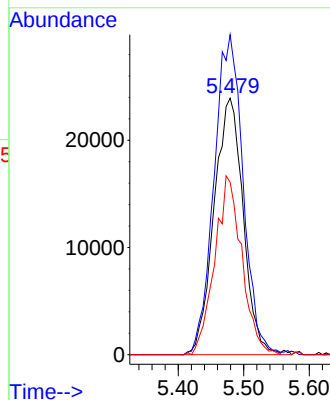
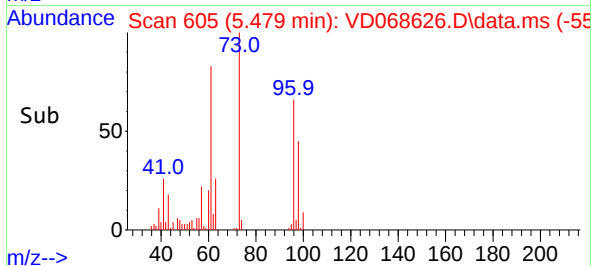




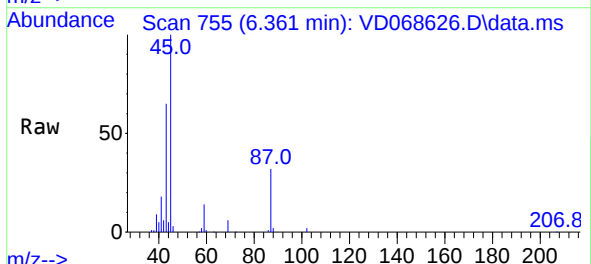
#21
trans-1,2-Dichloroethene
Concen: 23.79 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



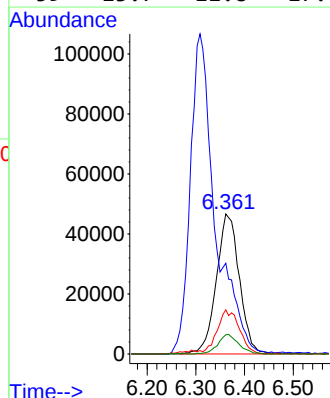
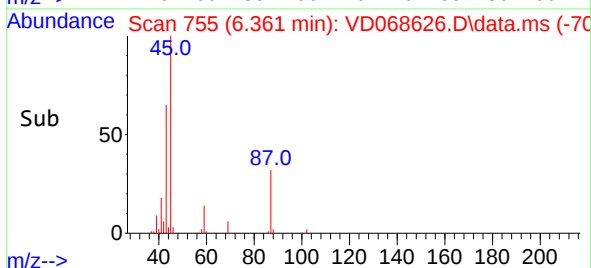
Tgt Ion: 96 Resp: 73656
Ion Ratio Lower Upper
96 100
61 124.8 96.7 145.1
98 67.2 47.6 71.4



#22
Diisopropyl ether
Concen: 20.76 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



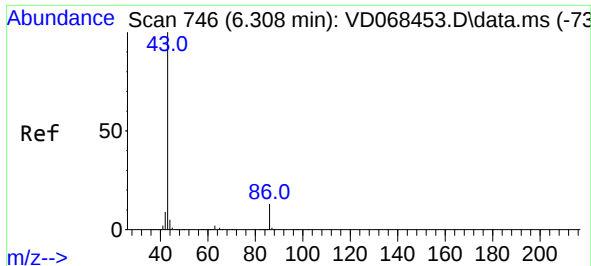
Tgt Ion: 45 Resp: 153079
Ion Ratio Lower Upper
45 100
43 63.6 43.9 65.9
87 31.5 29.9 44.9
59 13.7 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

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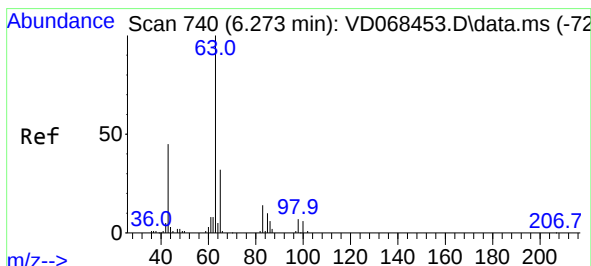
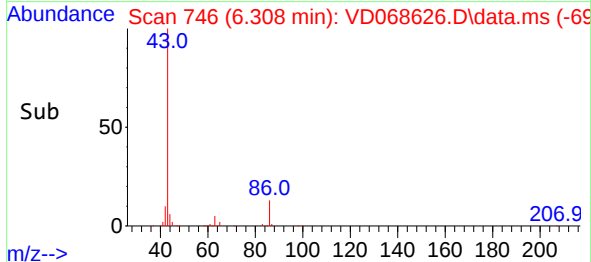
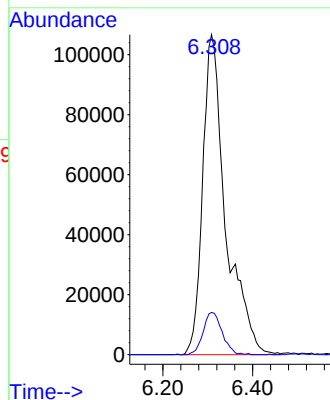
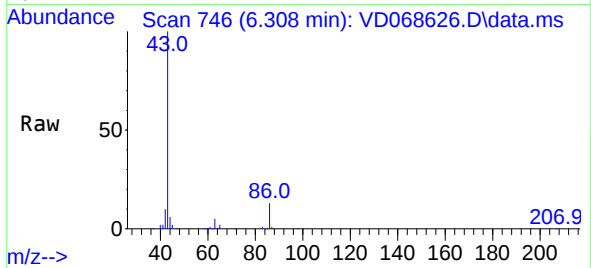
#23
 Vinyl Acetate
 Concen: 99.38 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068626.D
 Acq: 16 Mar 2021 12:38

Tgt Ion: 43 Resp: 380198
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBSD01

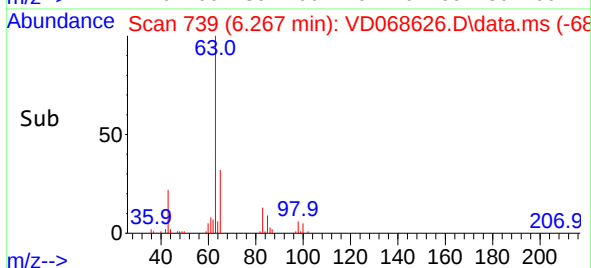
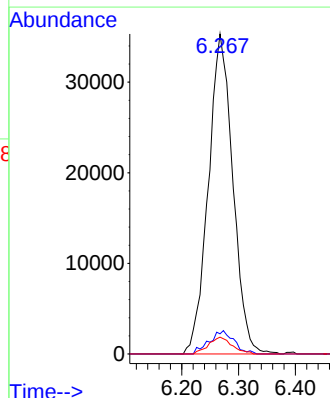
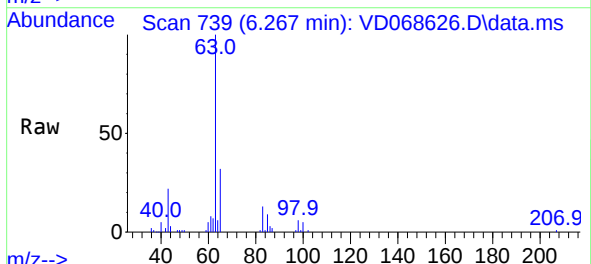
Manual Integrations
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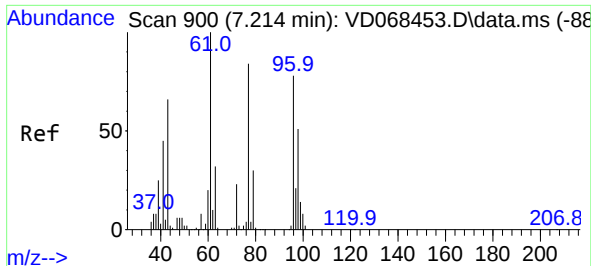
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#24
 1,1-Dichloroethane
 Concen: 20.98 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068626.D
 Acq: 16 Mar 2021 12:38

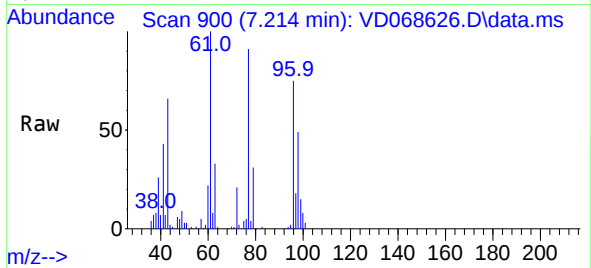
Tgt Ion: 63 Resp: 106021
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 5.3 2.6 8.0





#25
2-Butanone
Concen: 101.48 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

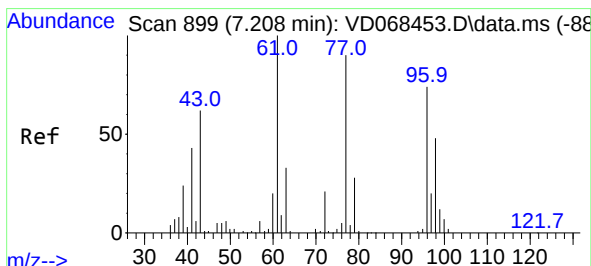
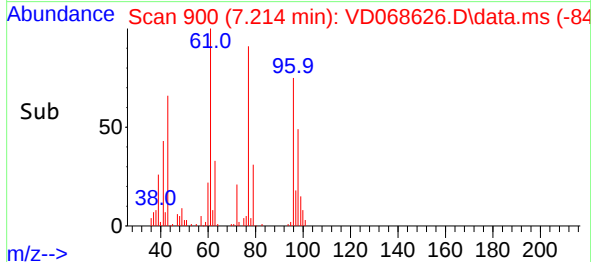
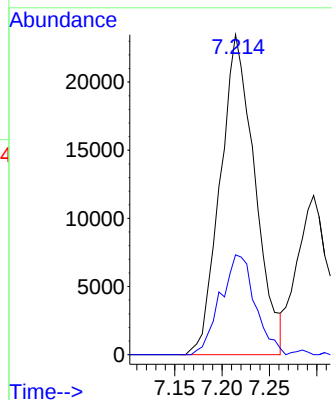
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 43 Resp: 59781
Ion Ratio Lower Upper
43 100
72 31.7 25.1 37.7

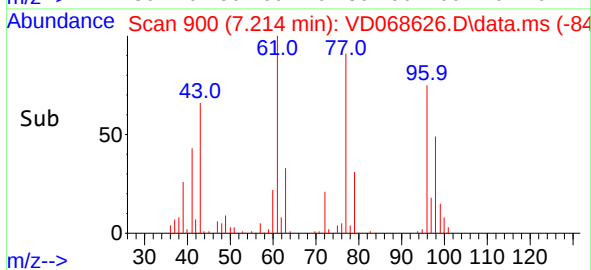
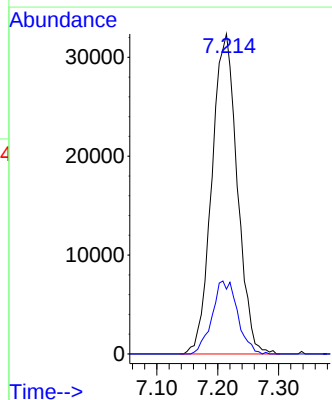
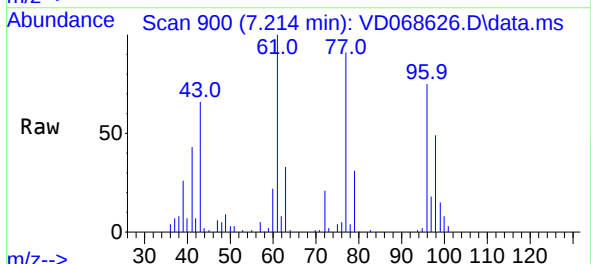
Manual Integrations
APPROVED

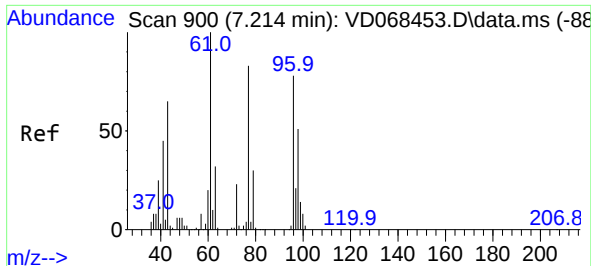
MMDadoda
3/17/2021 11:47:36 AM



#26
2,2-Dichloropropane
Concen: 22.30 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

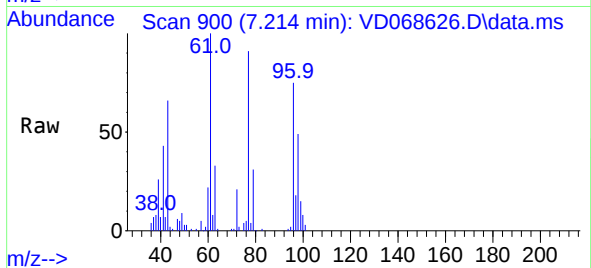
Tgt Ion: 77 Resp: 93884
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.55 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

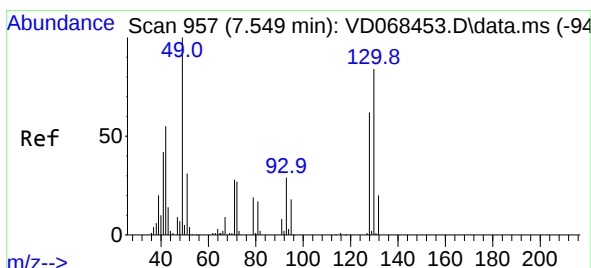
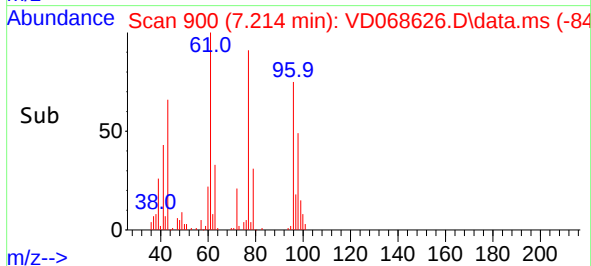
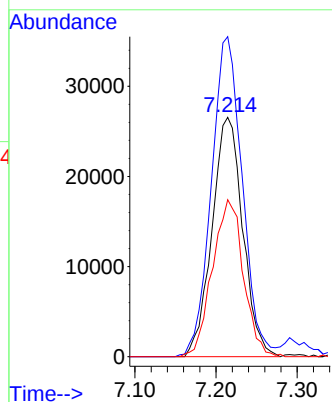
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



Tgt Ion: 96 Resp: 69846
Ion Ratio Lower Upper
96 100
61 134.3 0.0 257.4
98 66.2 0.0 126.6

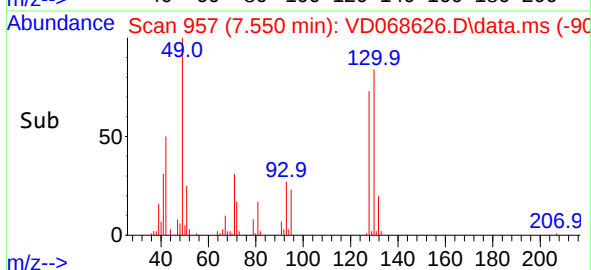
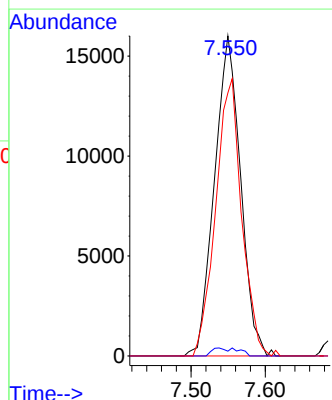
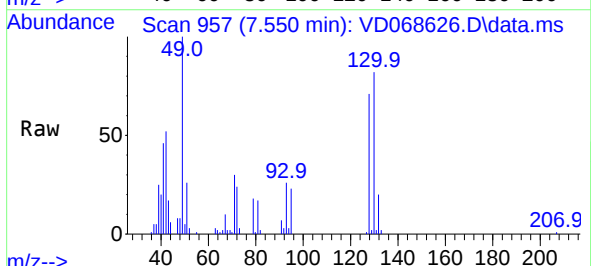
Manual Integrations
APPROVED

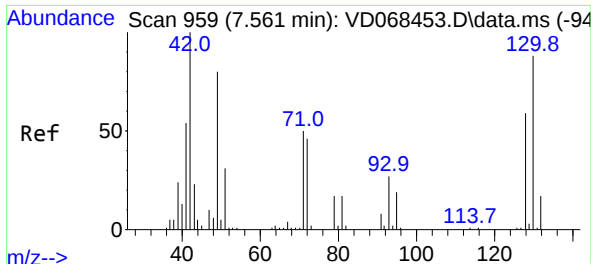
MMDadoda
3/17/2021 11:47:36 AM



#28
Bromochloromethane
Concen: 19.88 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 49 Resp: 39217
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.8
130 86.0 85.5 128.3





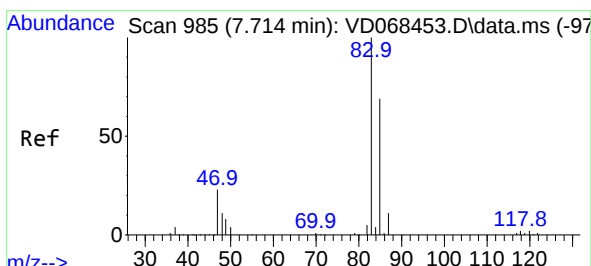
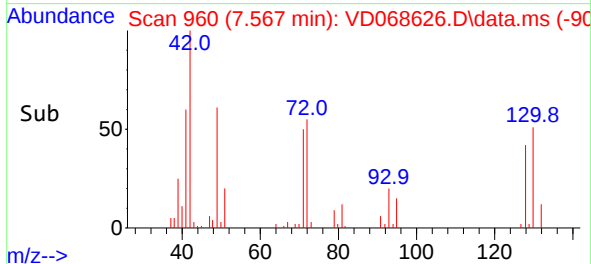
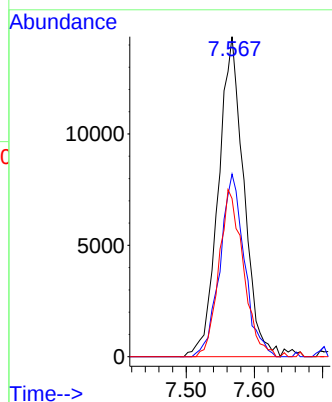
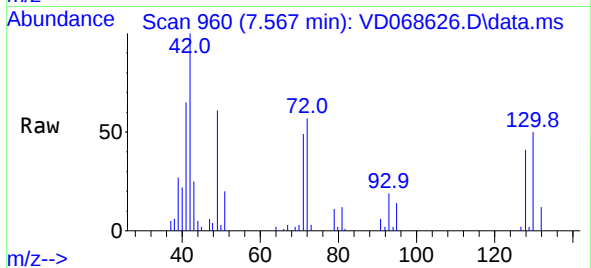
#29
Tetrahydrofuran
Concen: 97.60 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 42 Resp: 37337
Ion Ratio Lower Upper
42 100
72 54.9 43.4 65.0
71 50.2 40.8 61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

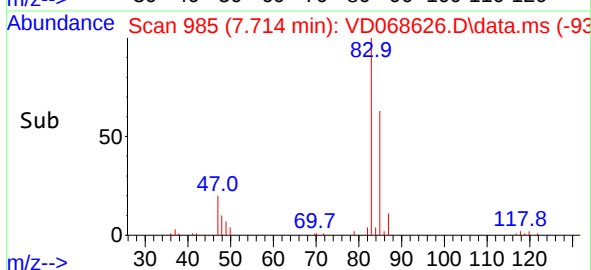
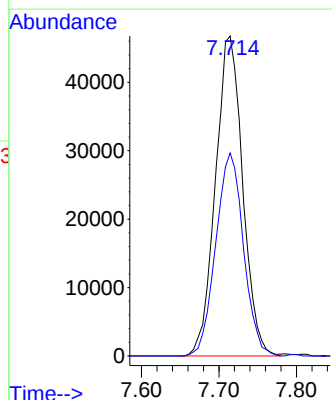
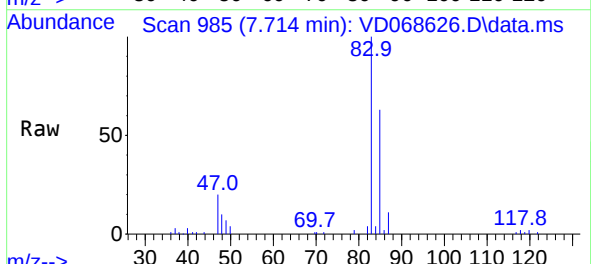
Manual Integrations
APPROVED

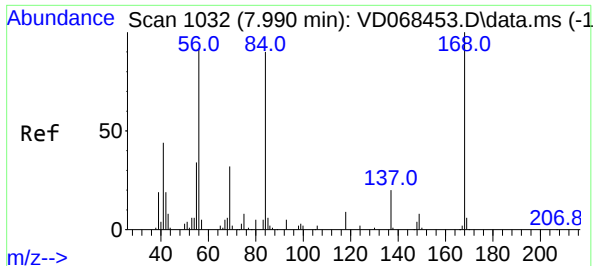
MMDadoda
3/17/2021 11:47:36 AM



#30
Chloroform
Concen: 21.41 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

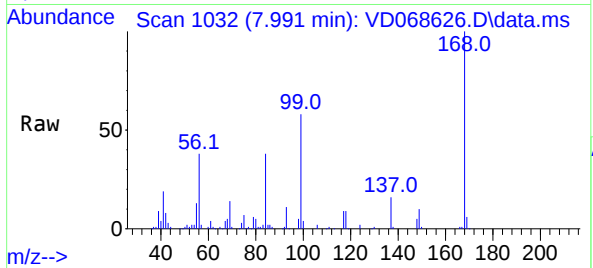
Tgt Ion: 83 Resp: 114302
Ion Ratio Lower Upper
83 100
85 63.4 53.4 80.0





#31
Cyclohexane
Concen: 19.66 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

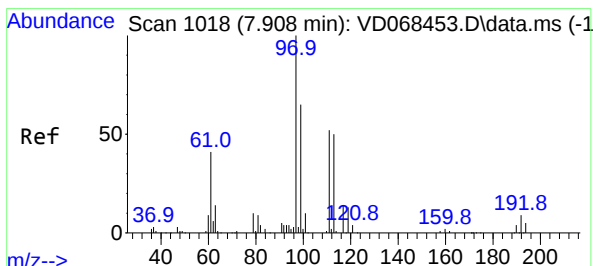
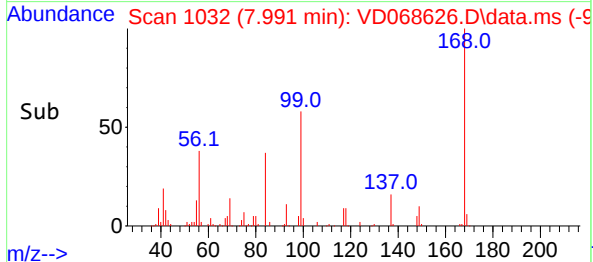
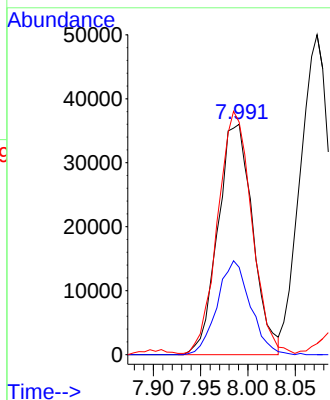
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



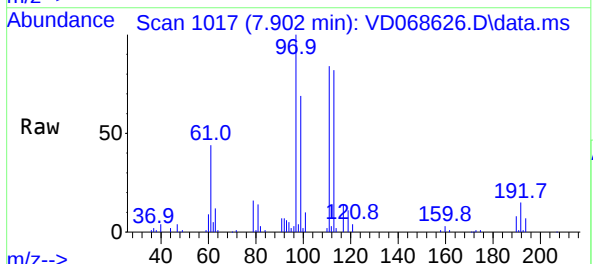
Tgt Ion: 56 Resp: 92225
Ion Ratio Lower Upper
56 100
69 37.9 30.1 45.1
84 100.3 82.1 123.1

Manual Integrations
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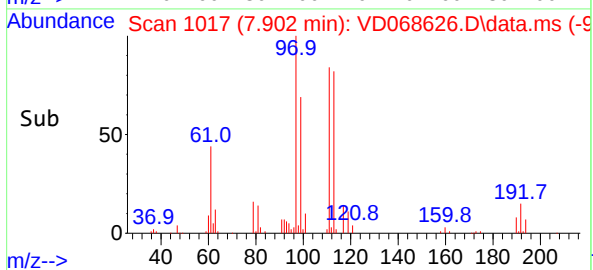
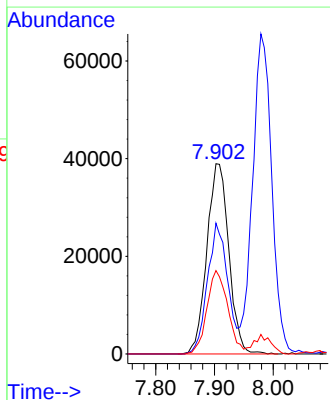
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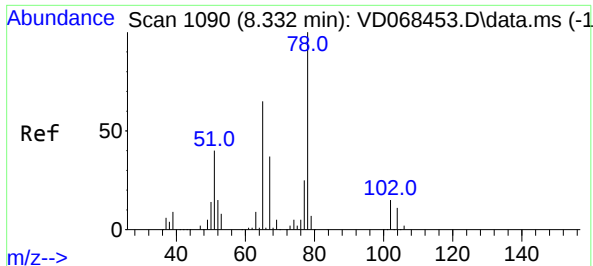


#32
1,1,1-Trichloroethane
Concen: 22.18 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



Tgt Ion: 97 Resp: 101040
Ion Ratio Lower Upper
97 100
99 62.8 52.1 78.1
61 41.6 30.1 45.1





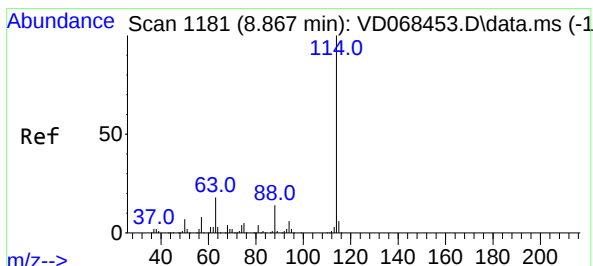
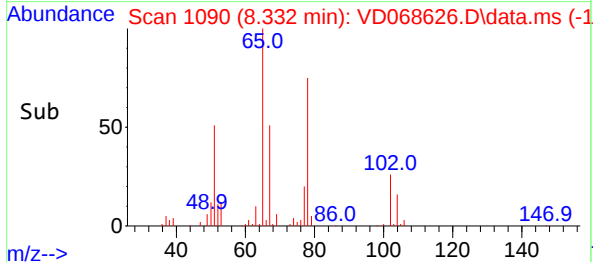
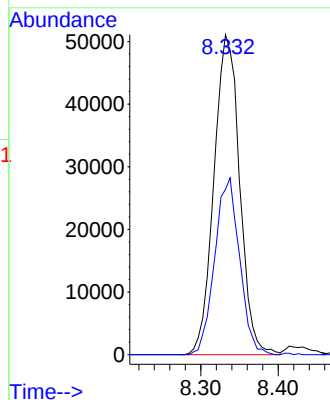
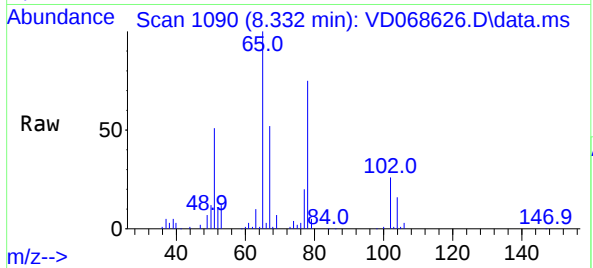
#33
1,2-Dichloroethane-d4
Concen: 45.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 65 Resp: 117931
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

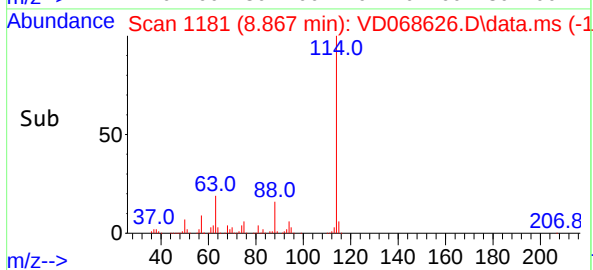
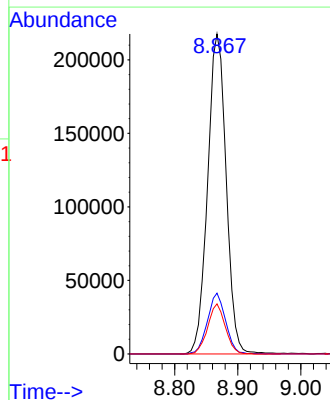
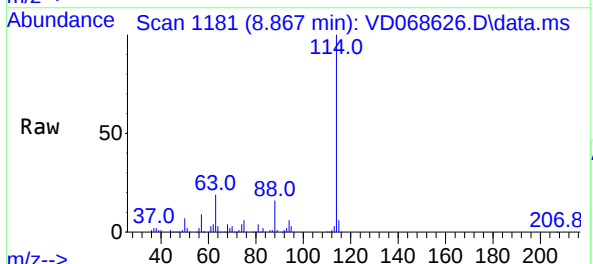
Manual Integrations
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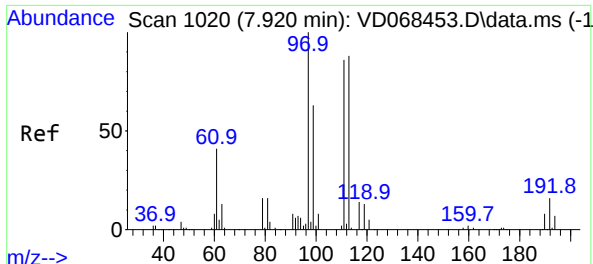
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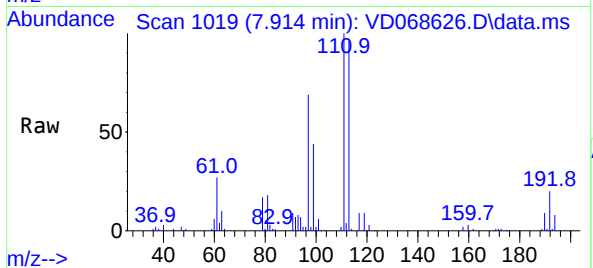
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 114 Resp: 443832
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.7 0.0 31.6

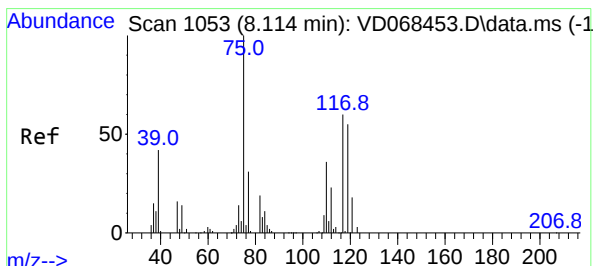
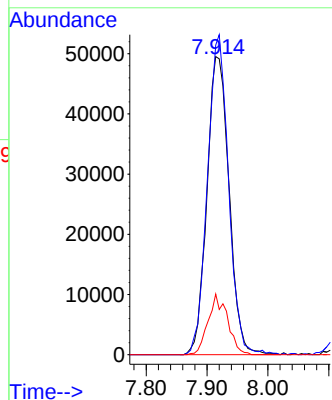
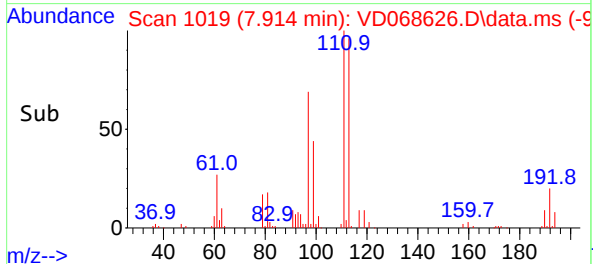




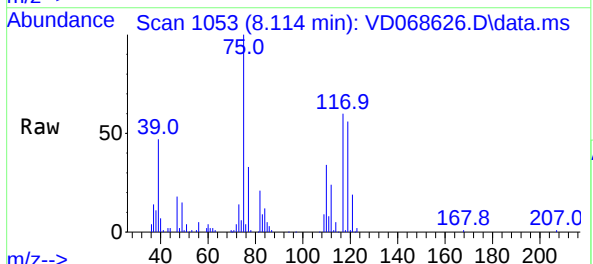
#35
Dibromofluoromethane
Concen: 46.87 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



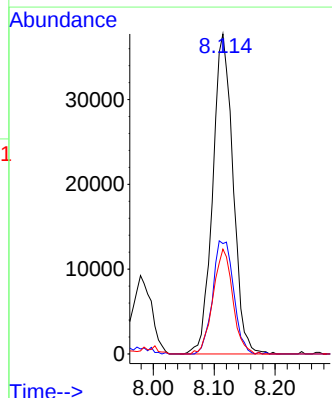
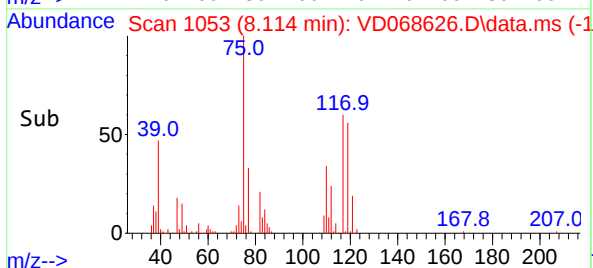
Tgt Ion:113 Resp: 125312
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 17.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 20.71 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



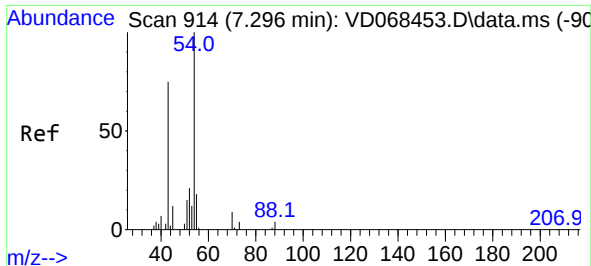
Tgt Ion: 75 Resp: 87362
Ion Ratio Lower Upper
75 100
110 36.4 19.4 58.2
77 31.8 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

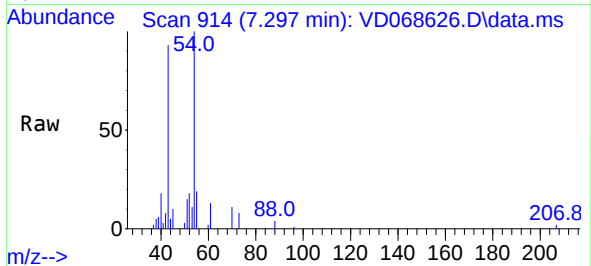
Manual Integrations
APPROVED

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3/17/2021 11:47:36 AM



#37
Ethyl Acetate
Concen: 19.77 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

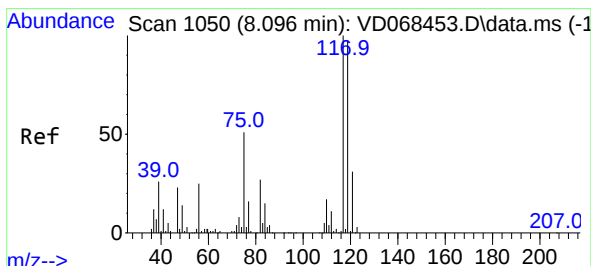
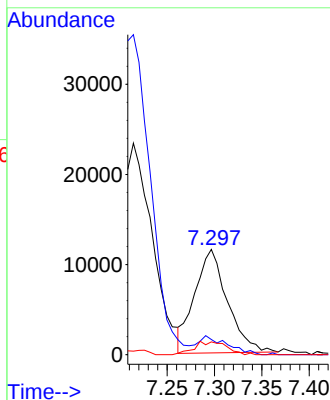
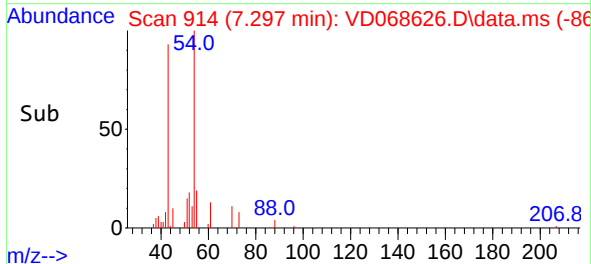
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



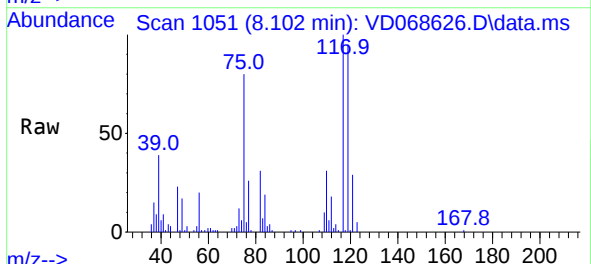
Tgt Ion:	43	Resp:	27668
Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.9	19.3
70	12.6	11.0	16.6

Manual Integrations
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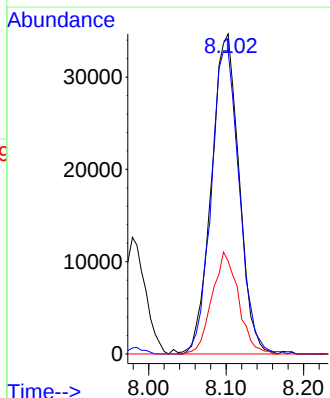
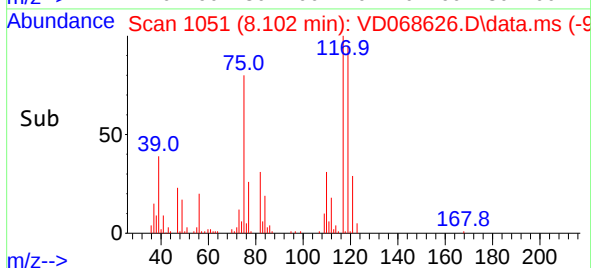
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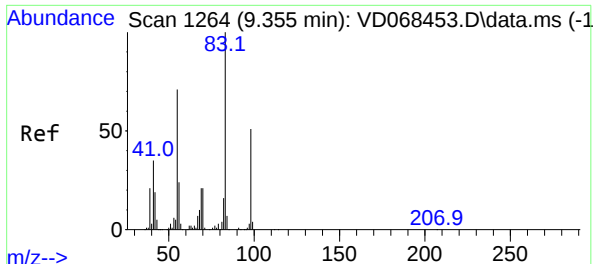


#38
Carbon Tetrachloride
Concen: 21.65 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



Tgt Ion:	117	Resp:	85817
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
121	29.0	24.7	37.1





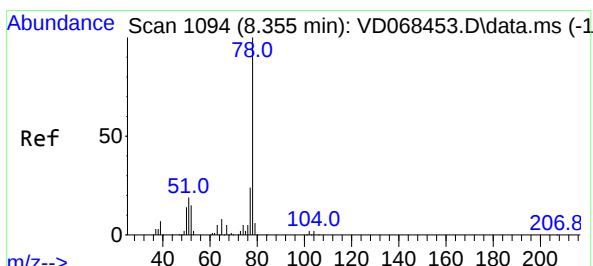
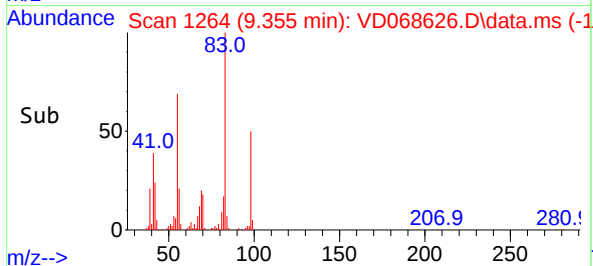
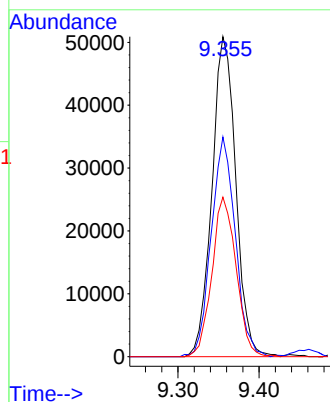
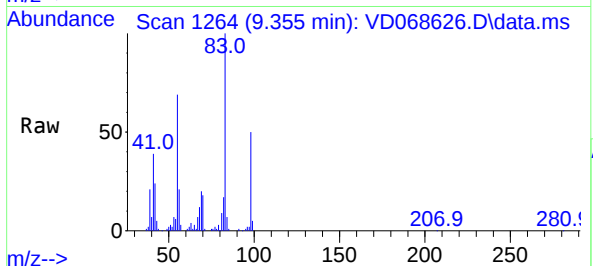
#39
Methylcyclohexane
Concen: 19.97 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 83 Resp: 103888
Ion Ratio Lower Upper
83 100
55 68.7 55.2 82.8
98 49.9 39.1 58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

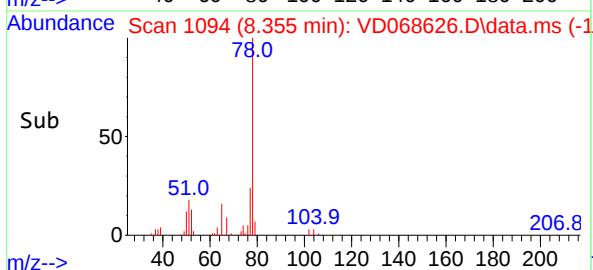
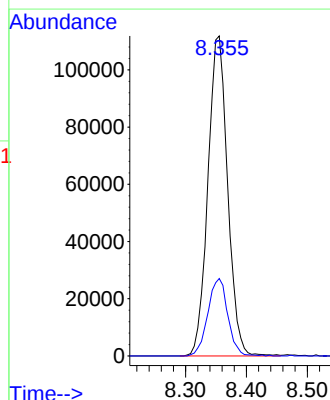
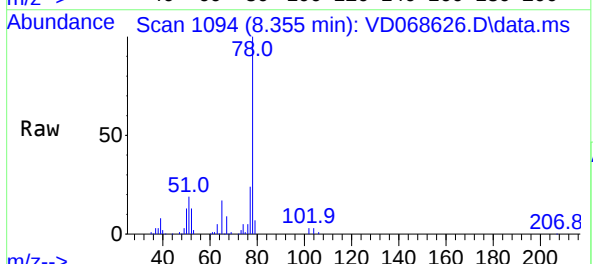
Manual Integrations
APPROVED

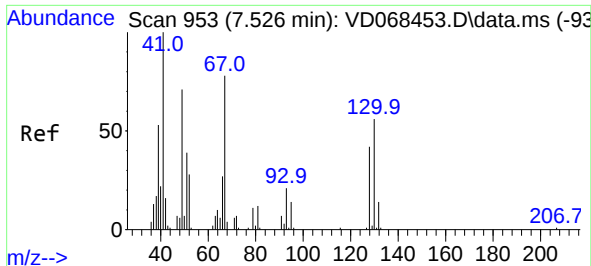
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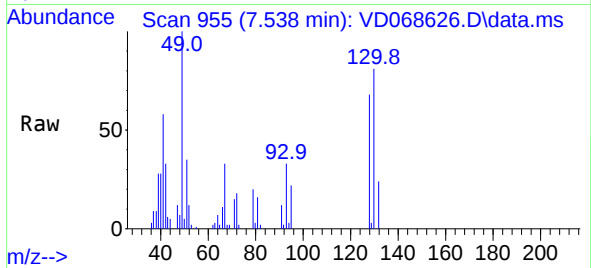
#40
Benzene
Concen: 20.79 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 78 Resp: 251586
Ion Ratio Lower Upper
78 100
77 24.2 17.8 26.6



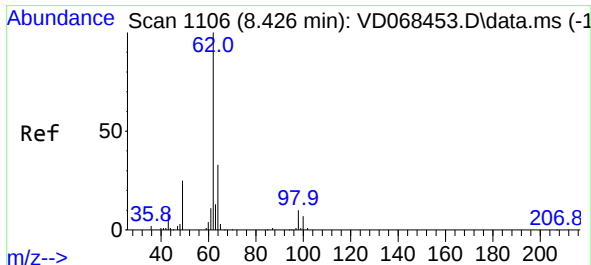
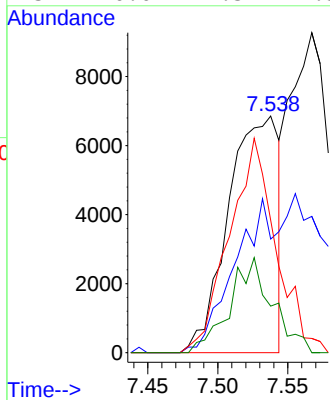
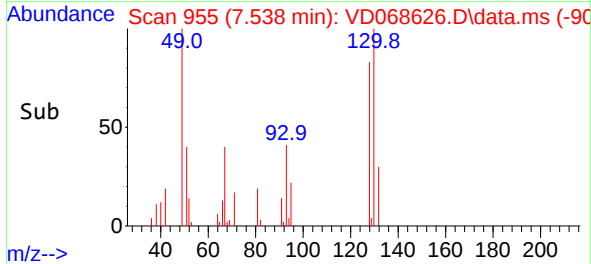


#41
Methacrylonitrile
Concen: 21.27 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

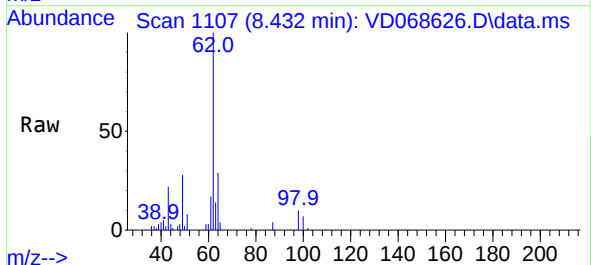


Tgt Ion: 41 Resp: 17282

Ion	Ratio	Lower	Upper
41	100		
39	59.1	45.2	67.8
67	0.0	67.4	101.2#
52	0.0	27.5	41.3#

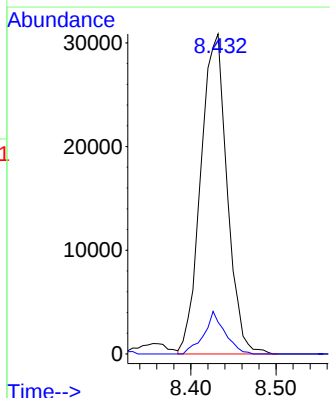
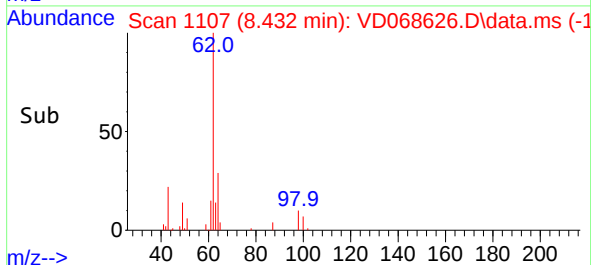


#42
1,2-Dichloroethane
Concen: 20.87 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



Tgt Ion: 62 Resp: 66415

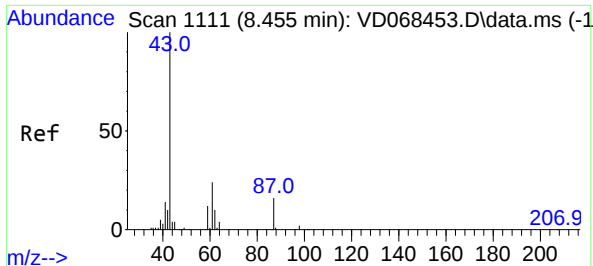
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

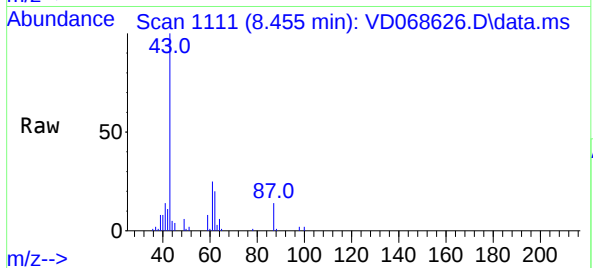
Manual Integrations
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3/17/2021 11:47:36 AM



#43
Isopropyl Acetate
Concen: 20.97 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

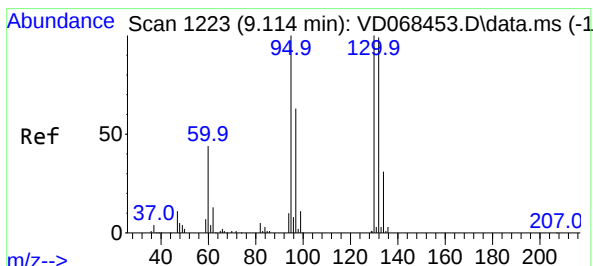
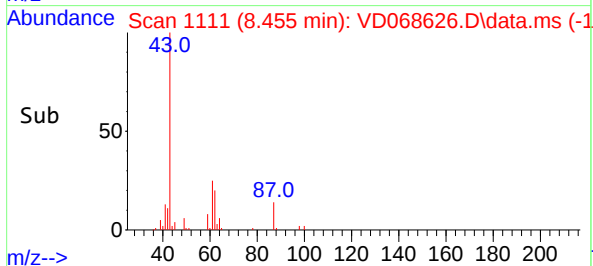
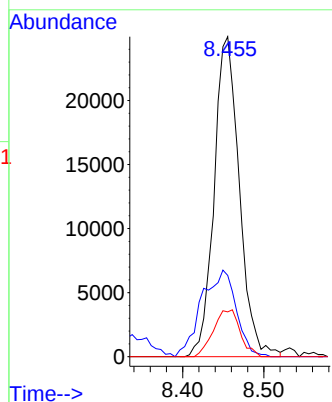
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



Tgt Ion: 43 Resp: 53952
Ion Ratio Lower Upper
43 100
61 37.2 28.7 43.1
87 15.6 13.9 20.9

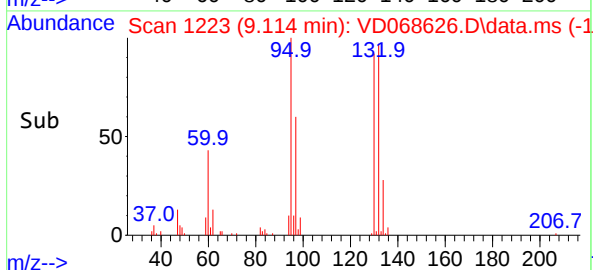
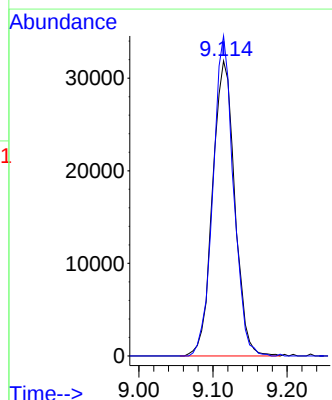
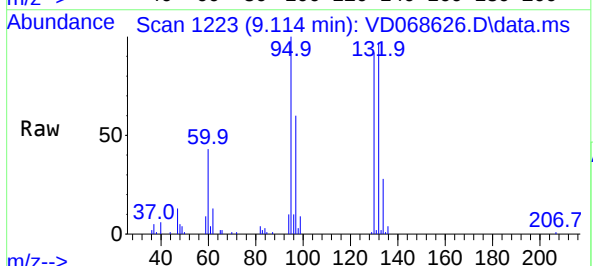
Manual Integrations
APPROVED

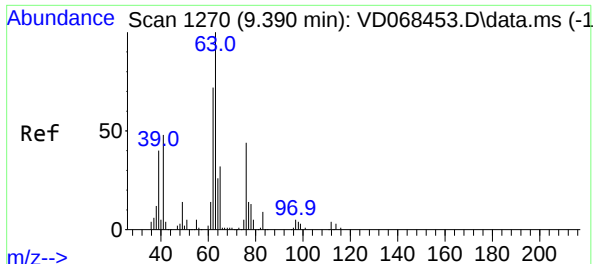
MMDadoda
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#44
Trichloroethene
Concen: 19.97 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:130 Resp: 66340
Ion Ratio Lower Upper
130 100
95 108.5 0.0 191.2





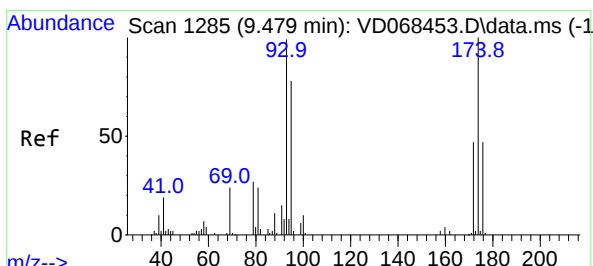
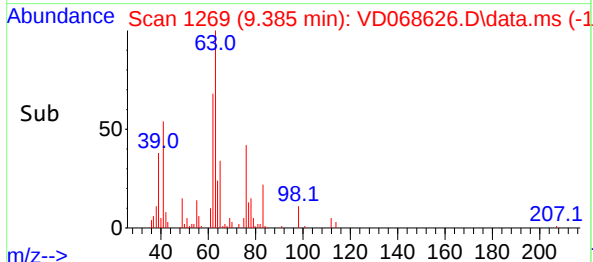
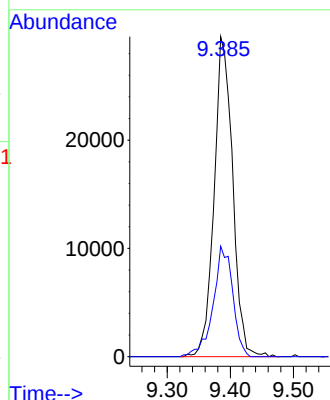
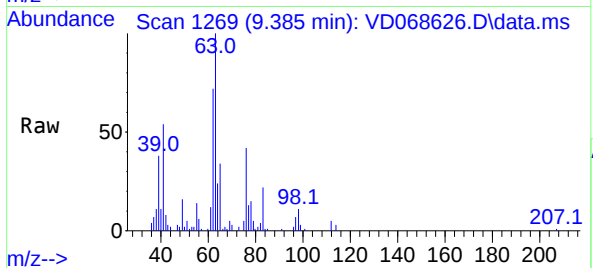
#45
1,2-Dichloropropane
Concen: 20.80 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 63 Resp: 60169
Ion Ratio Lower Upper
63 100
65 34.5 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

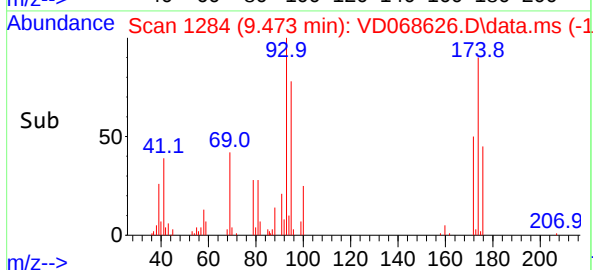
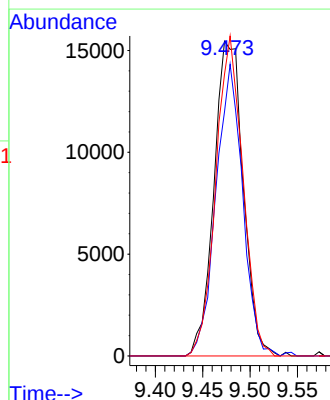
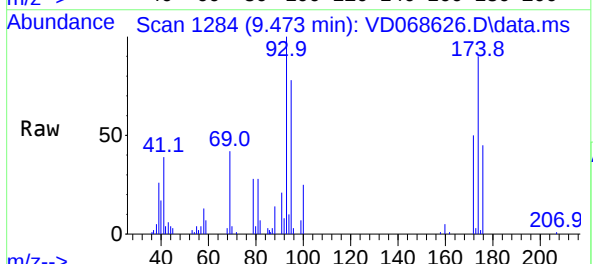
Manual Integrations
APPROVED

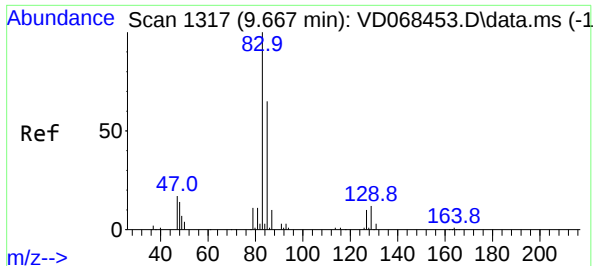
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3/17/2021 11:47:36 AM



#46
Dibromomethane
Concen: 21.04 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 93 Resp: 33114
Ion Ratio Lower Upper
93 100
95 84.6 67.3 100.9
174 94.4 84.6 127.0





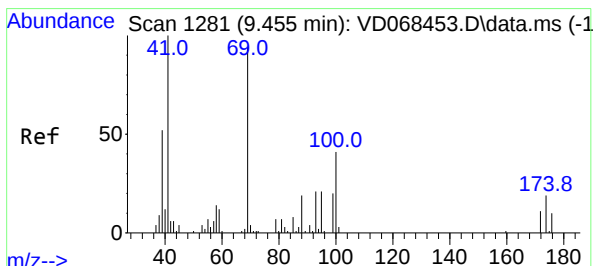
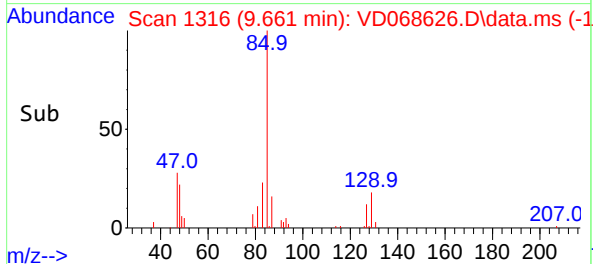
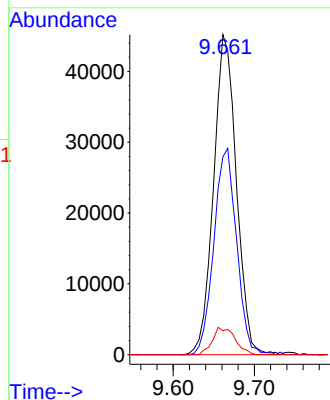
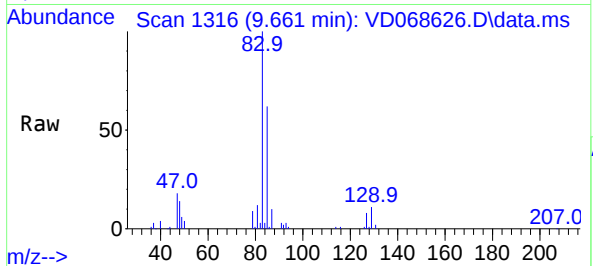
#47
Bromodichloromethane
Concen: 21.69 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:	83	Resp:	88303
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.6	77.4
127	7.5	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

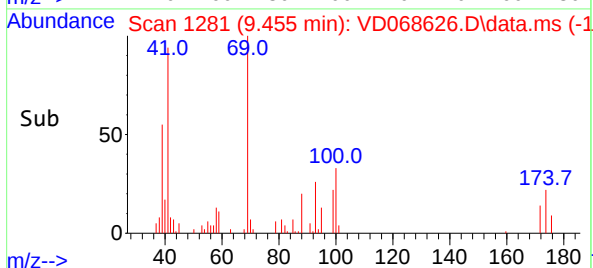
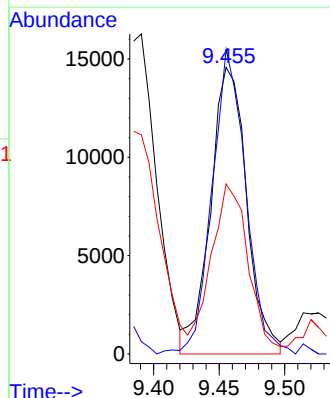
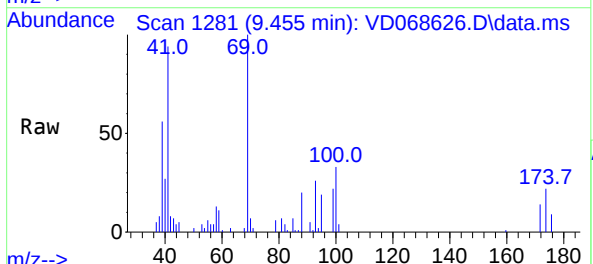
Manual Integrations
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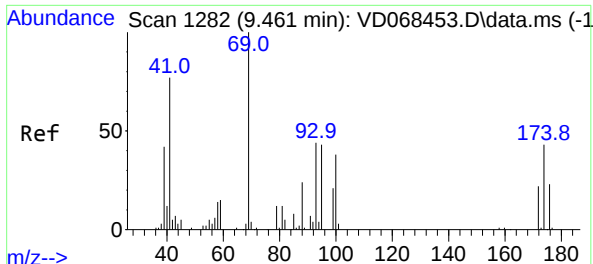
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3/17/2021 11:47:36 AM



#48
Methyl methacrylate
Concen: 20.42 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:	41	Resp:	28007
Ion	Ratio	Lower	Upper
41	100		
69	98.6	77.1	115.7
39	55.2	41.5	62.3





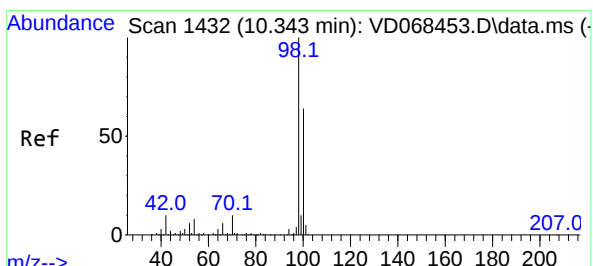
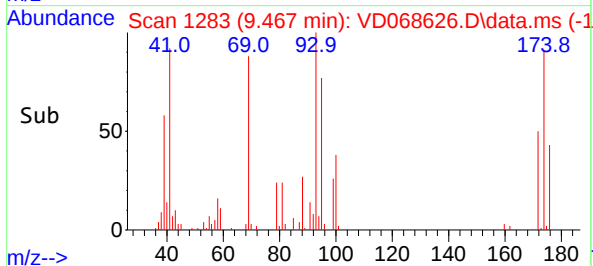
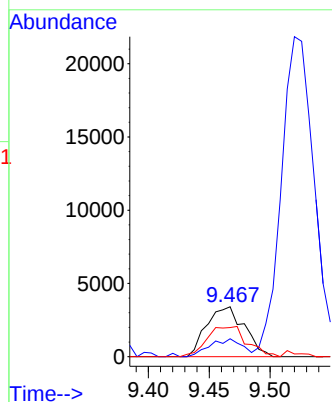
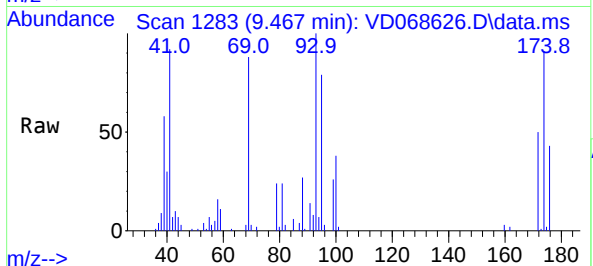
#49
1,4-Dioxane
Concen: 410.45 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 88 Resp: 7367
Ion Ratio Lower Upper
88 100
43 30.8 22.1 33.1
58 63.6 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

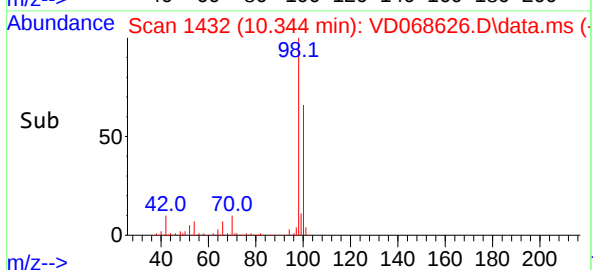
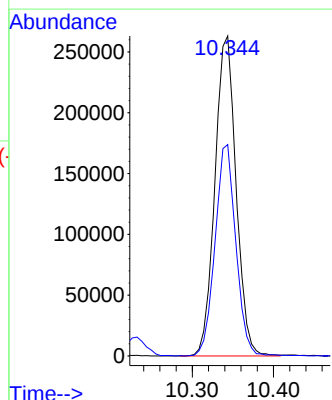
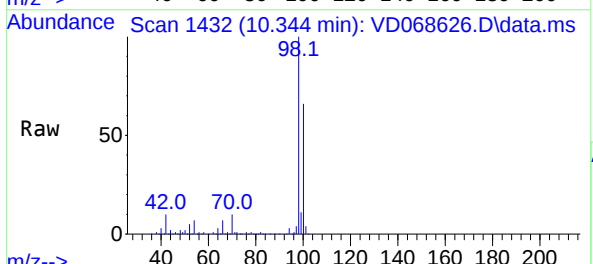
Manual Integrations
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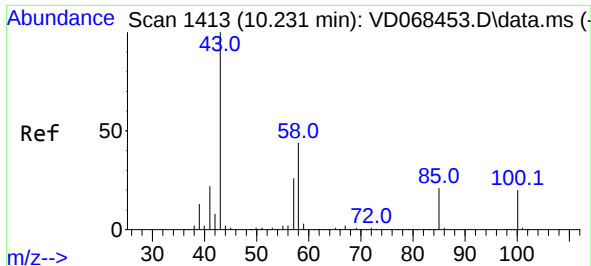
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3/17/2021 11:47:36 AM



#50
Toluene-d8
Concen: 44.84 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 98 Resp: 477468
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4





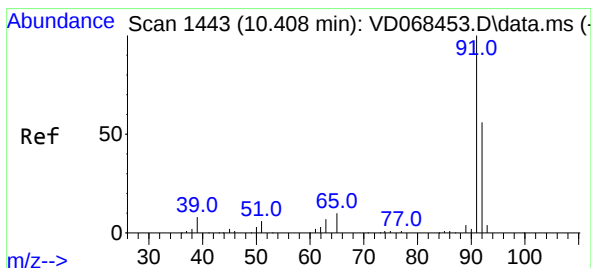
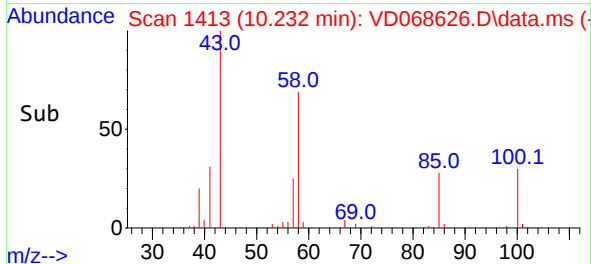
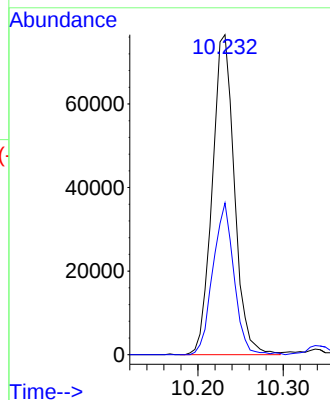
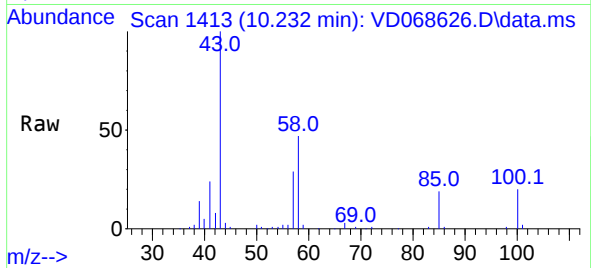
#51
4-Methyl-2-Pentanone
Concen: 102.61 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 43 Resp: 138137
Ion Ratio Lower Upper
43 100
58 45.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

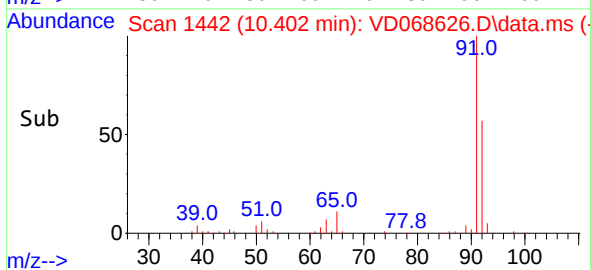
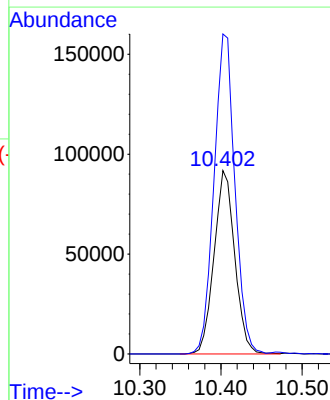
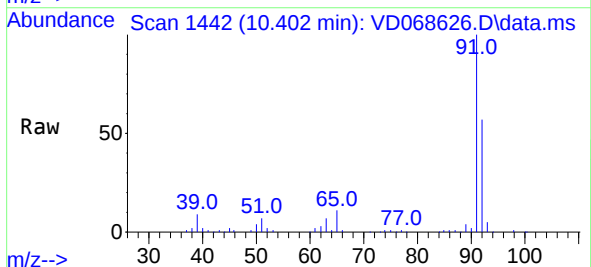
Manual Integrations
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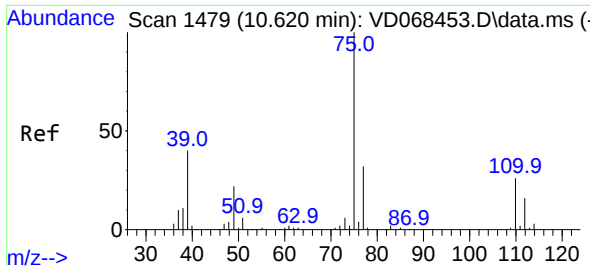
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3/17/2021 11:47:36 AM



#52
Toluene
Concen: 21.06 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 92 Resp: 162749
Ion Ratio Lower Upper
92 100
91 175.9 134.1 201.1





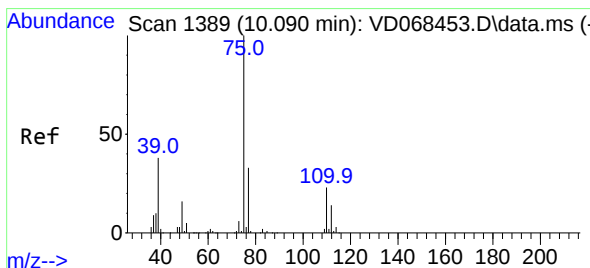
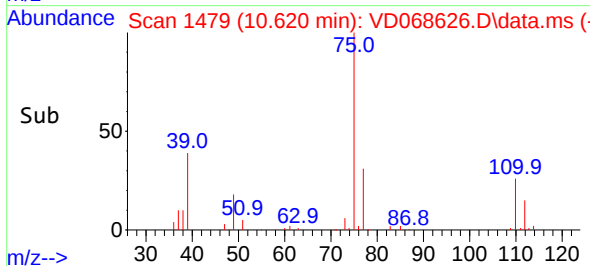
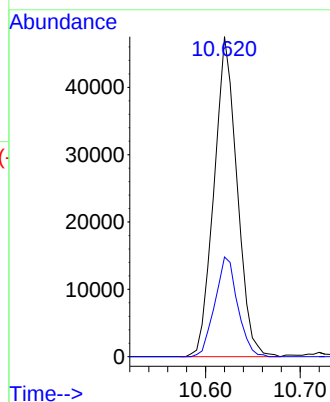
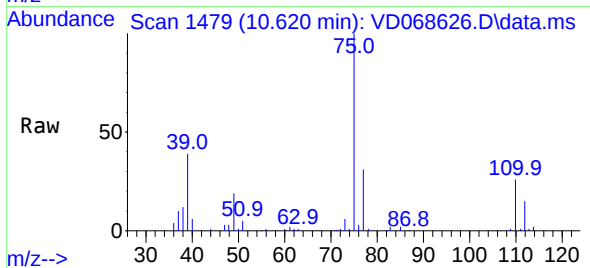
#53
t-1,3-Dichloropropene
Concen: 21.32 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 75 Resp: 80231
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

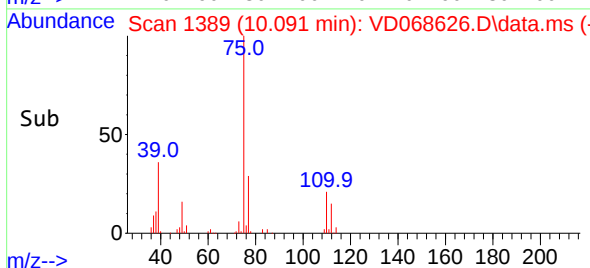
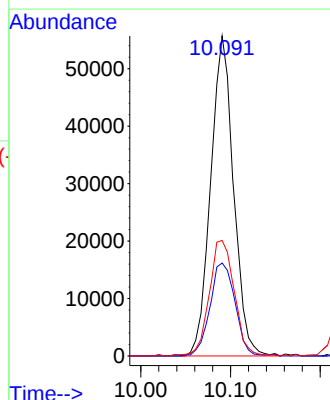
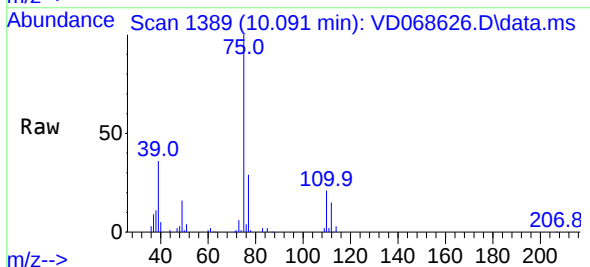
Manual Integrations
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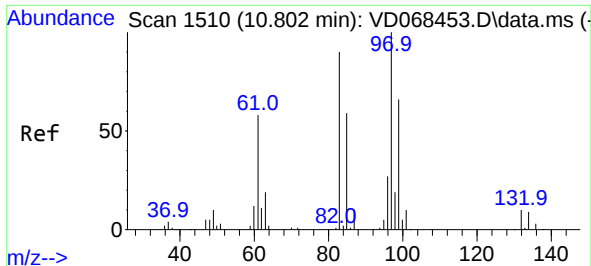
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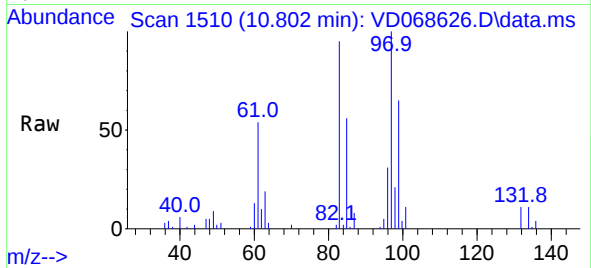
#54
cis-1,3-Dichloropropene
Concen: 21.48 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 75 Resp: 98609
Ion Ratio Lower Upper
75 100
77 29.1 24.6 37.0
39 36.1 31.4 47.0

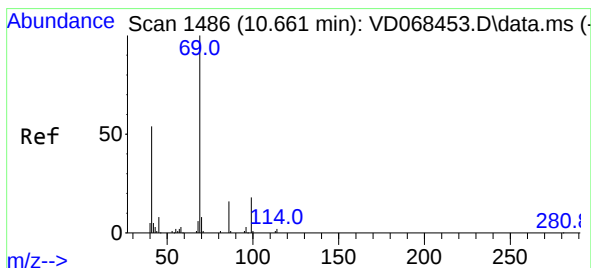
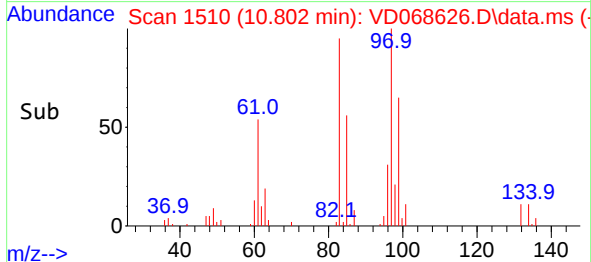
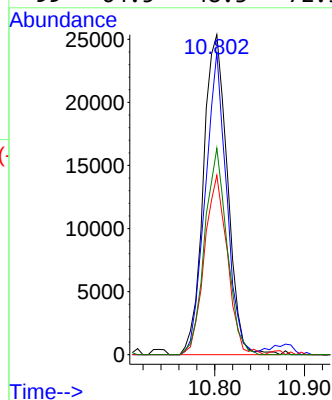




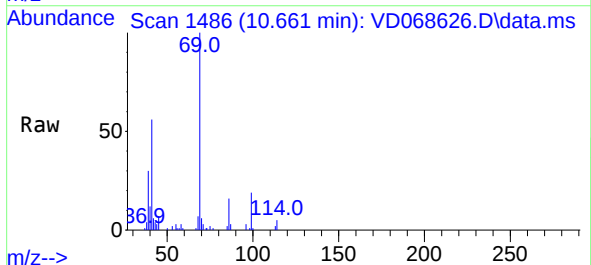
#55
1,1,2-Trichloroethane
Concen: 21.66 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



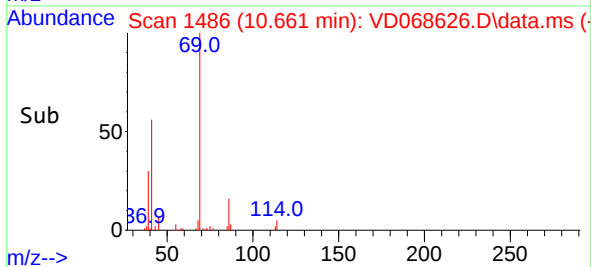
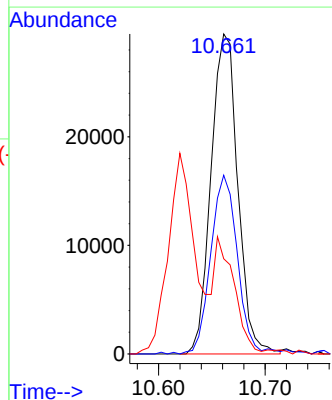
Tgt Ion:	97	Resp:	47173
Ion	Ratio	Lower	Upper
97	100		
83	94.6	61.8	92.6#
85	56.1	42.2	63.2
99	64.5	48.3	72.5



#56
Ethyl methacrylate
Concen: 20.53 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



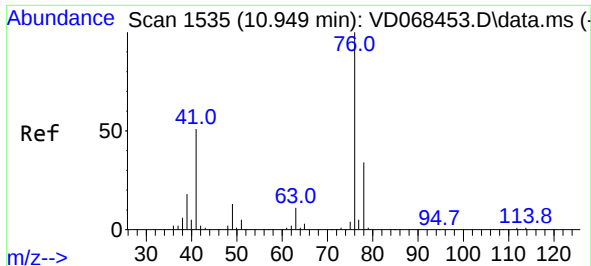
Tgt Ion:	69	Resp:	51409
Ion	Ratio	Lower	Upper
69	100		
41	56.4	44.9	67.3
39	28.7	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Manual Integrations
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3/17/2021 11:47:36 AM



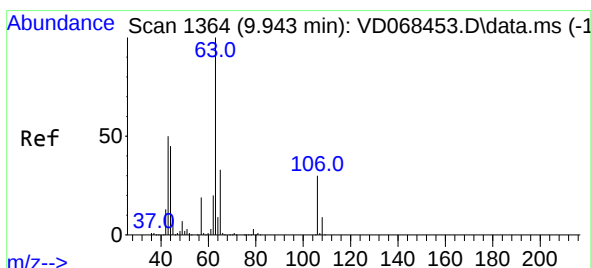
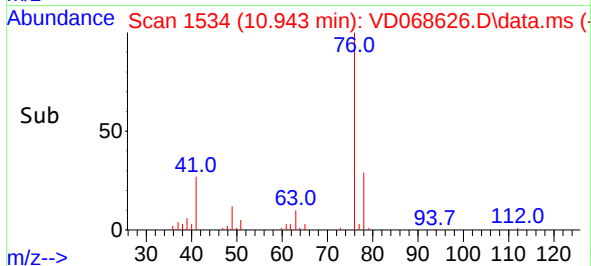
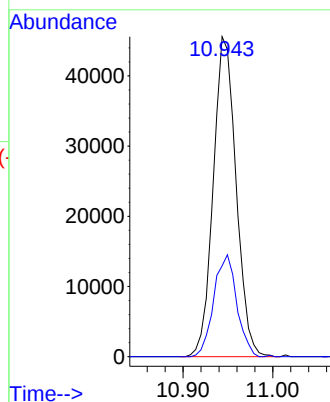
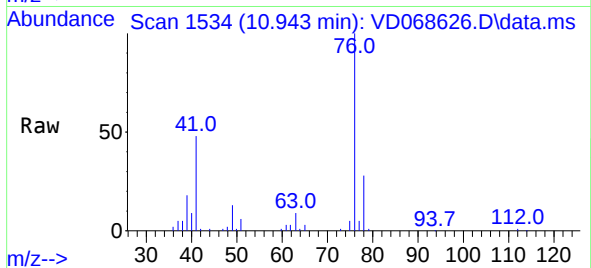
#57
1,3-Dichloropropane
Concen: 21.21 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 76 Resp: 80617
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

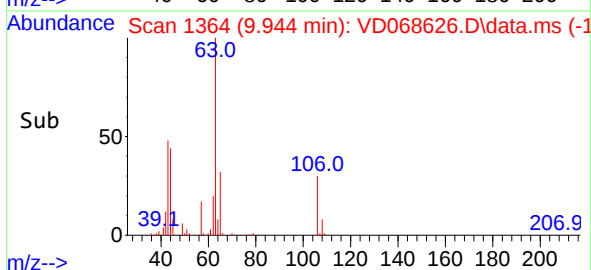
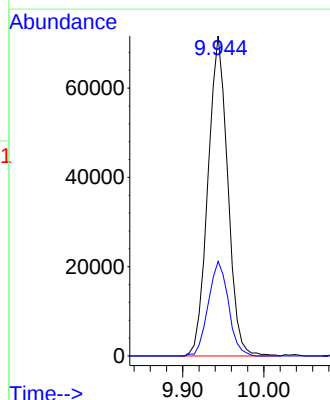
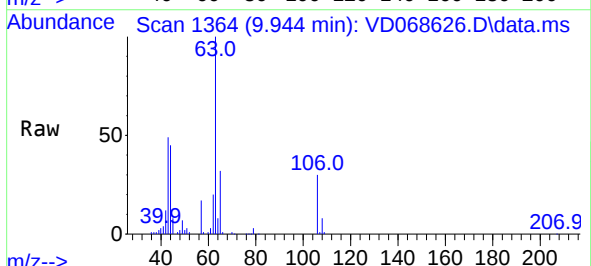
Manual Integrations
APPROVED

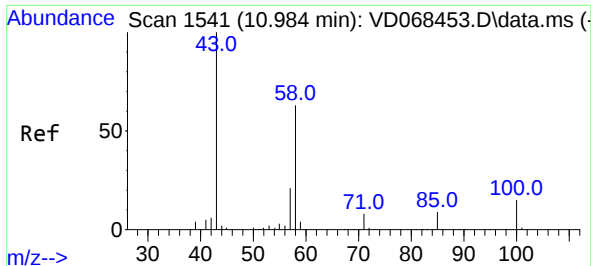
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3/17/2021 11:47:36 AM



#58
2-Chloroethyl Vinyl ether
Concen: 96.42 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 63 Resp: 121108
Ion Ratio Lower Upper
63 100
106 30.0 27.0 40.4





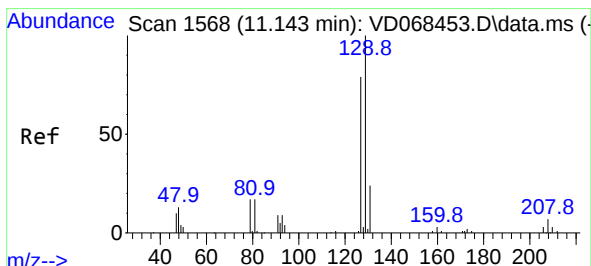
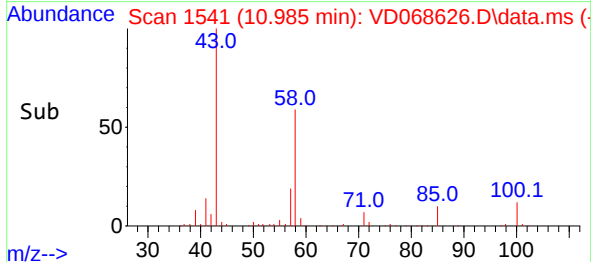
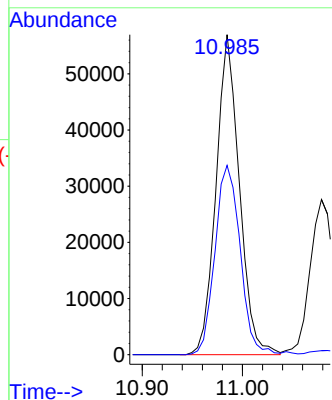
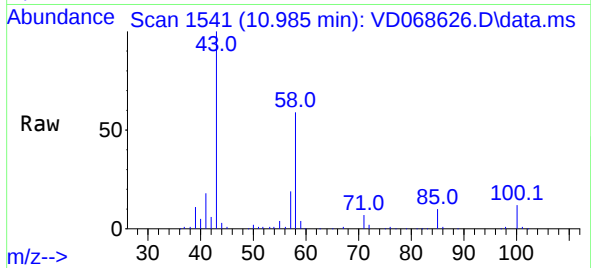
#59
2-Hexanone
Concen: 102.43 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 43 Resp: 91913
Ion Ratio Lower Upper
43 100
58 63.8 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

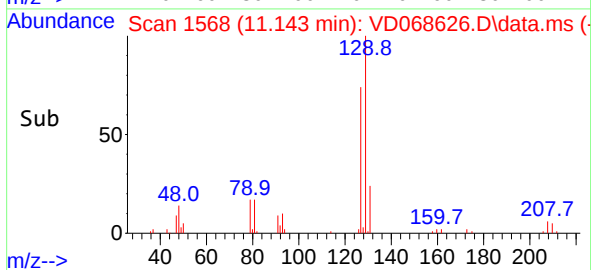
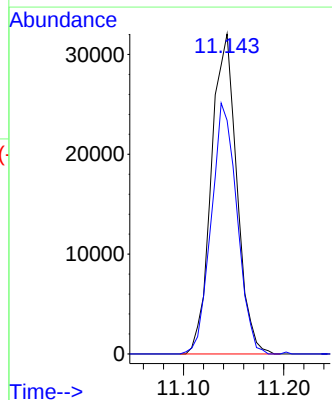
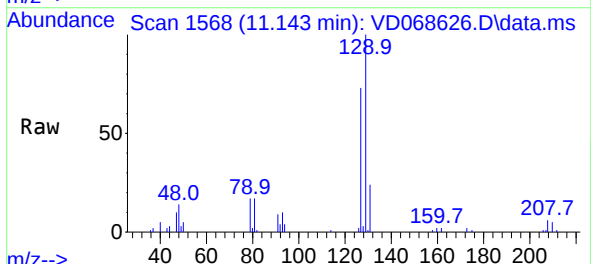
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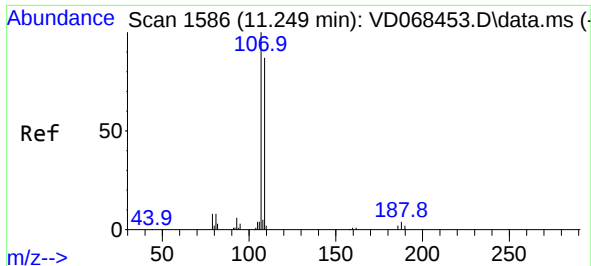
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3/17/2021 11:47:36 AM



#60
Dibromochloromethane
Concen: 20.98 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:129 Resp: 56563
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





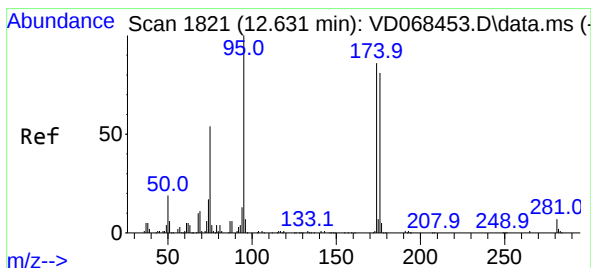
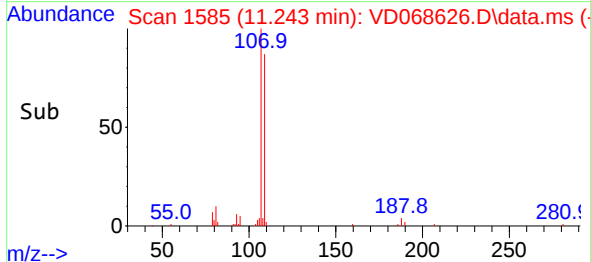
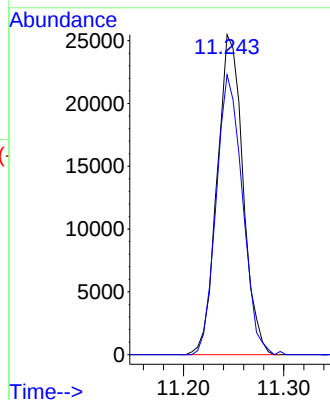
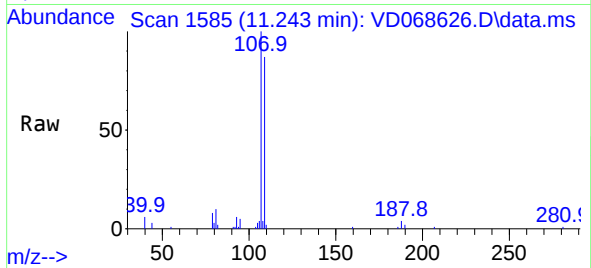
#61
1,2-Dibromoethane
Concen: 21.37 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 107 Resp: 45550
Ion Ratio Lower Upper
107 100
109 88.9 74.8 112.2

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

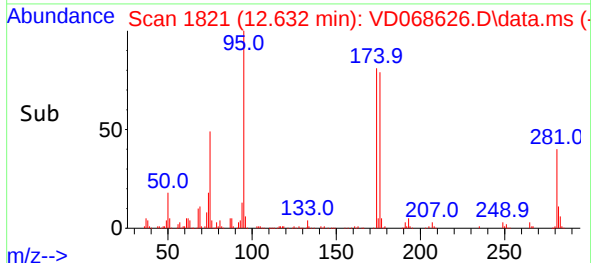
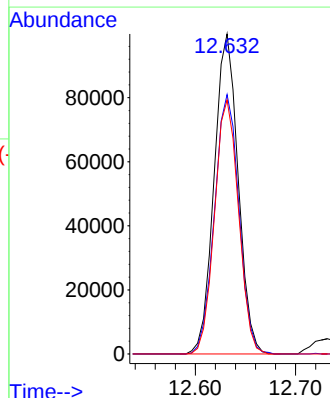
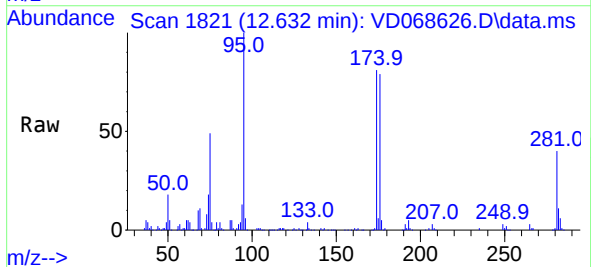
Manual Integrations
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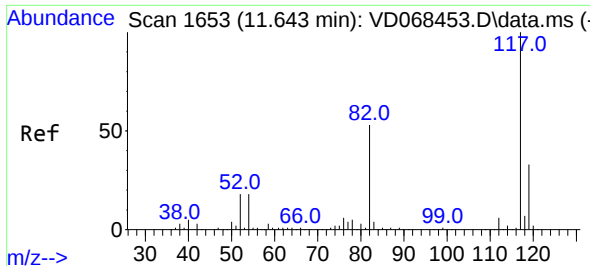
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3/17/2021 11:47:36 AM



#62
4-Bromofluorobenzene
Concen: 48.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

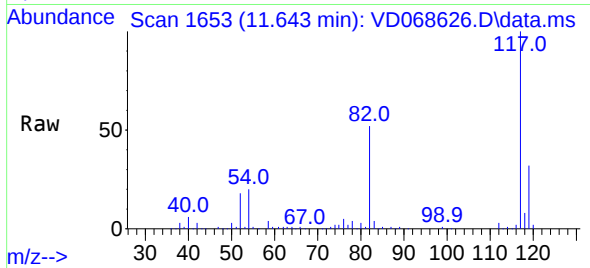
Tgt Ion: 95 Resp: 165642
Ion Ratio Lower Upper
95 100
174 82.6 0.0 172.4
176 79.2 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

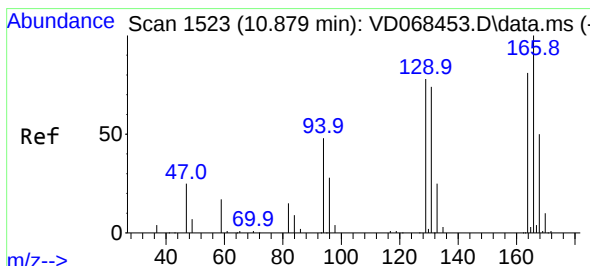
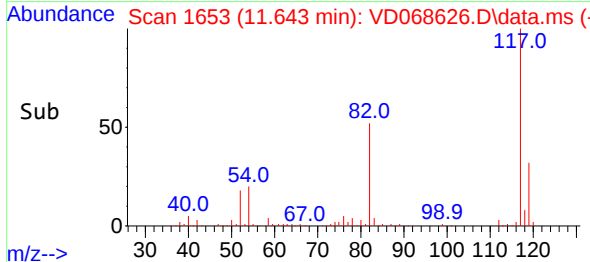
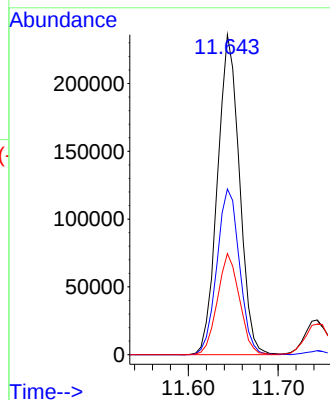
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



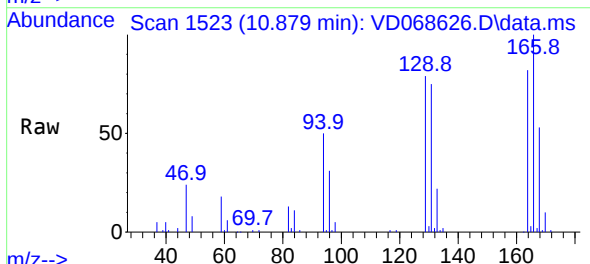
Tgt Ion:117 Resp: 401554
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 31.6 26.1 39.1

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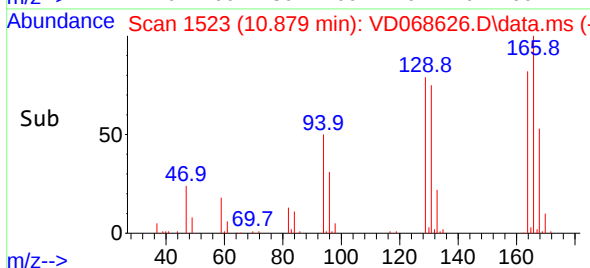
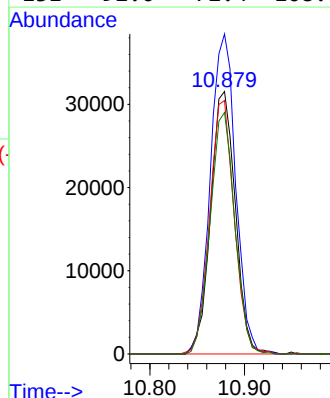
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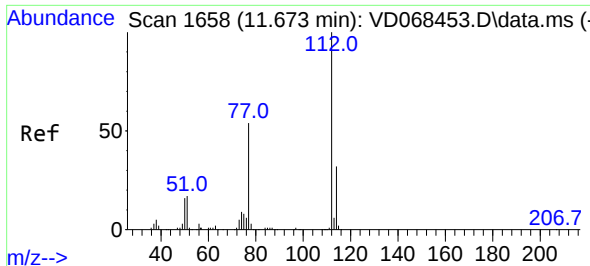


#64
Tetrachloroethene
Concen: 21.81 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



Tgt Ion:164 Resp: 57191
Ion Ratio Lower Upper
164 100
166 121.9 105.5 158.3
129 96.6 75.6 113.4
131 92.0 72.4 108.6





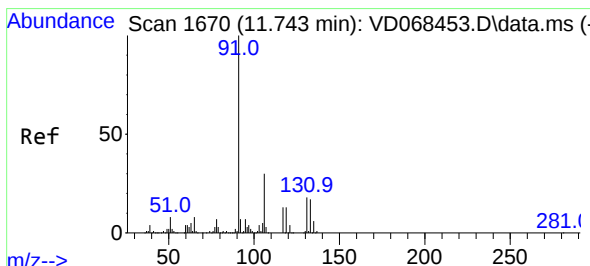
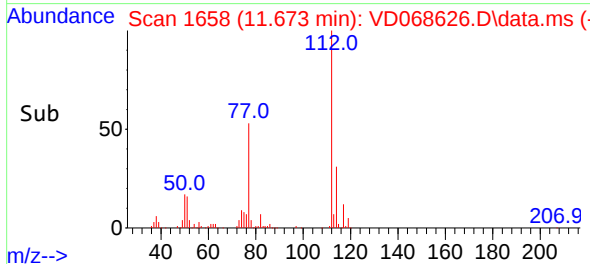
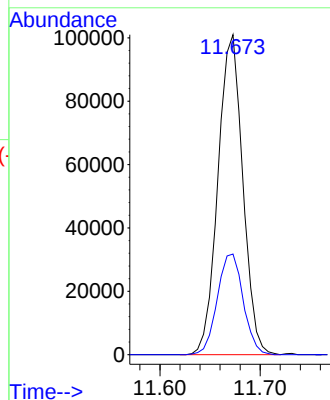
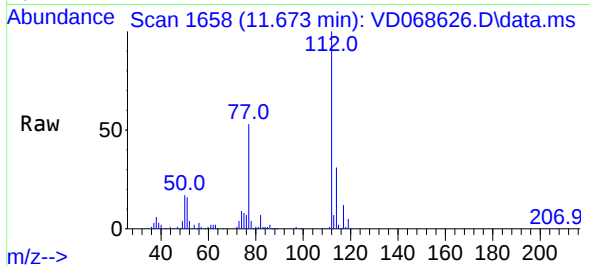
#65
Chlorobenzene
Concen: 21.22 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion:112 Resp: 173516
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

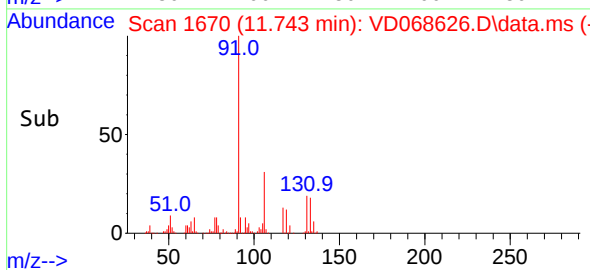
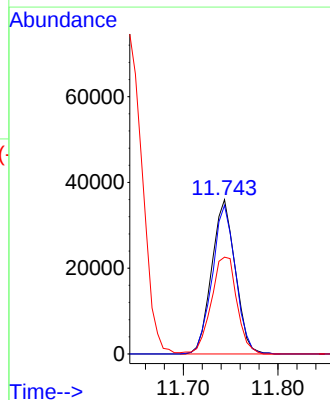
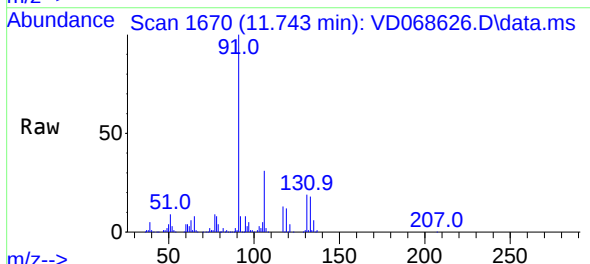
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3/17/2021 11:47:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.85 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:131 Resp: 62099
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 68.5 31.6 94.8





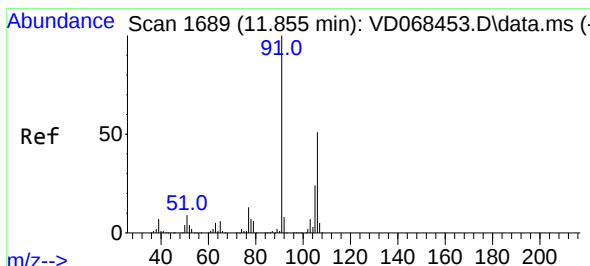
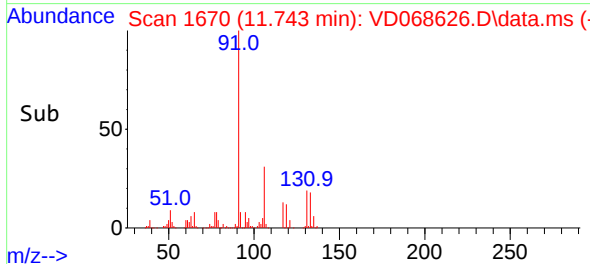
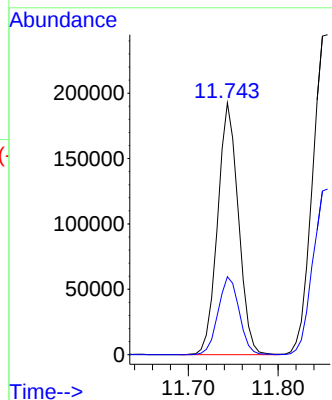
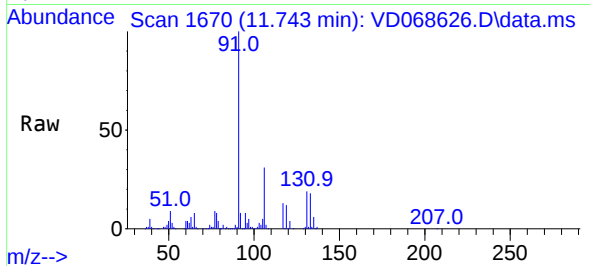
#67
Ethyl Benzene
Concen: 21.17 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 91 Resp: 309018
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

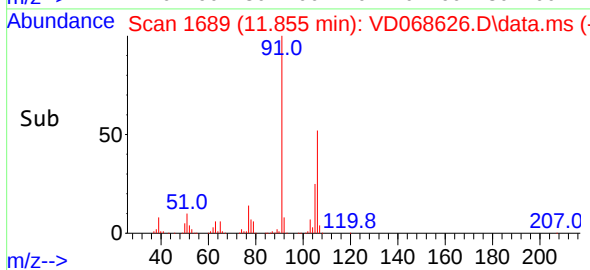
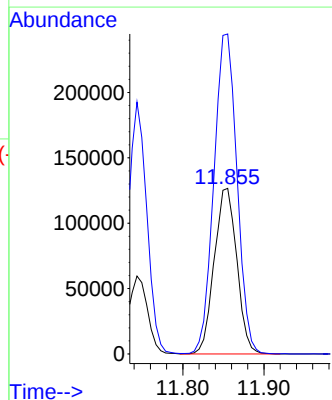
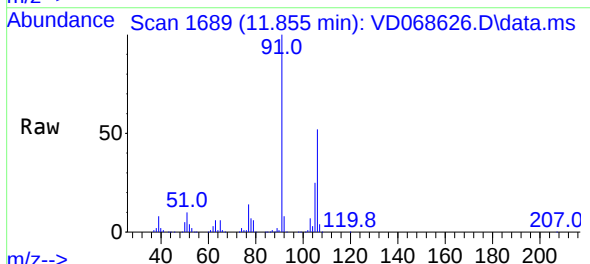
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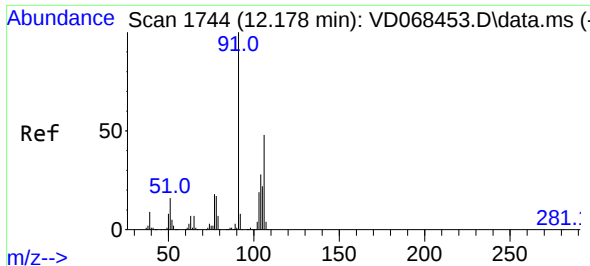
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3/17/2021 11:47:36 AM



#68
m/p-Xylenes
Concen: 44.18 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:106 Resp: 244904
Ion Ratio Lower Upper
106 100
91 197.5 159.1 238.7





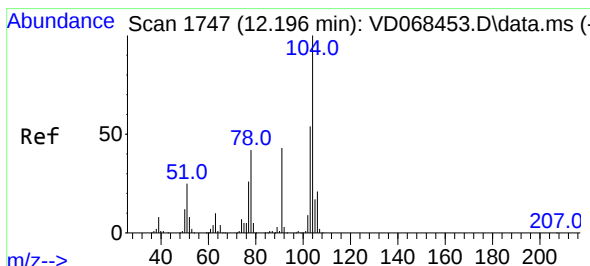
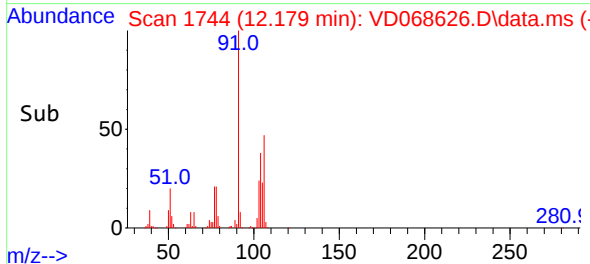
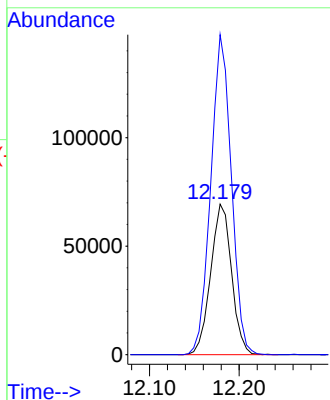
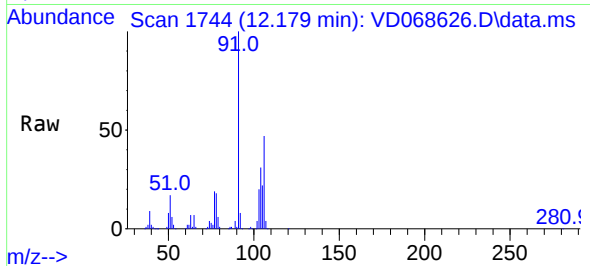
#69
o-Xylene
Concen: 22.00 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:106 Resp: 112306
Ion Ratio Lower Upper
106 100
91 208.9 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

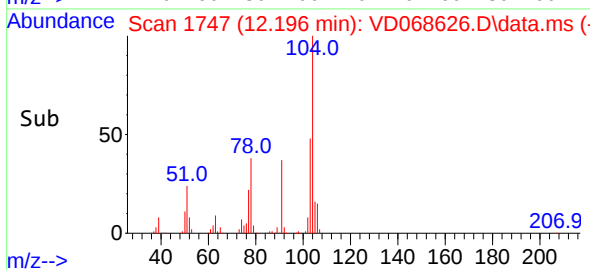
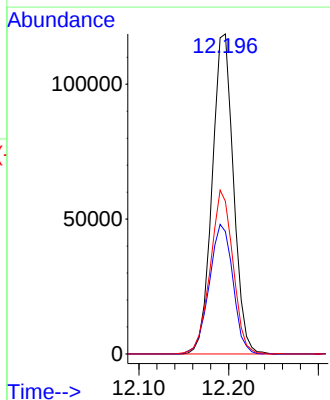
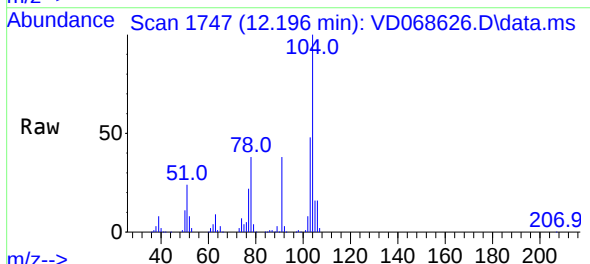
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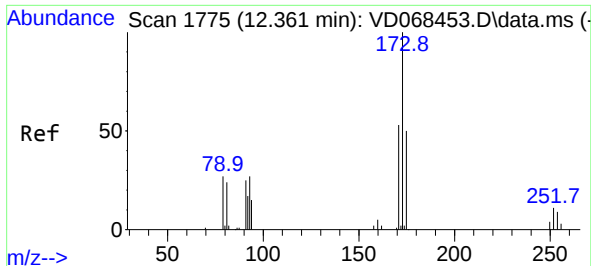
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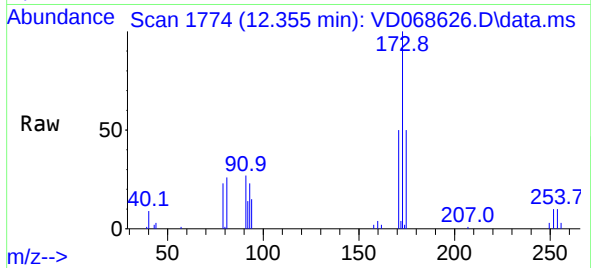
#70
Styrene
Concen: 22.42 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:104 Resp: 195768
Ion Ratio Lower Upper
104 100
78 44.9 38.2 57.2
103 54.6 43.1 64.7

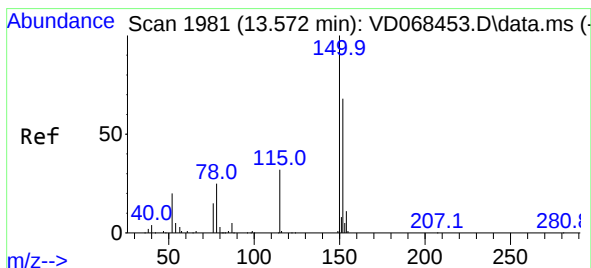
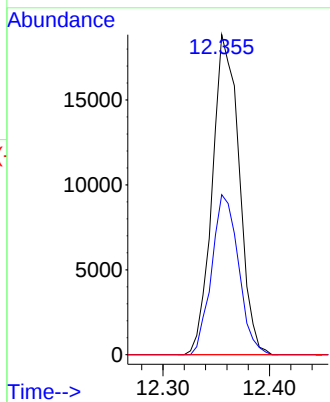
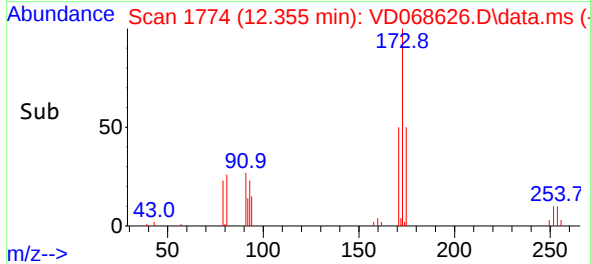




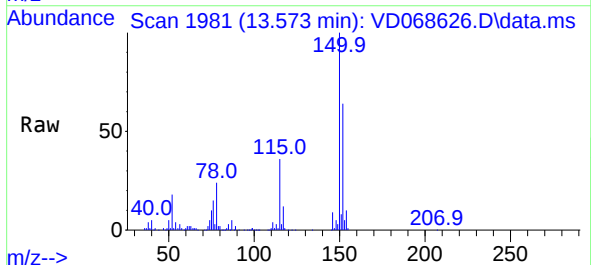
#71
Bromoform
Concen: 22.80 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



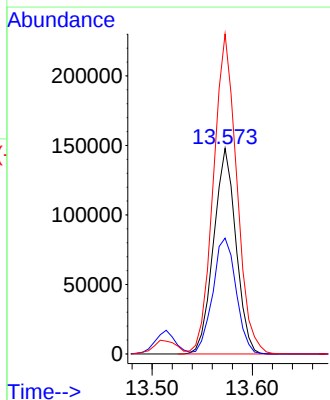
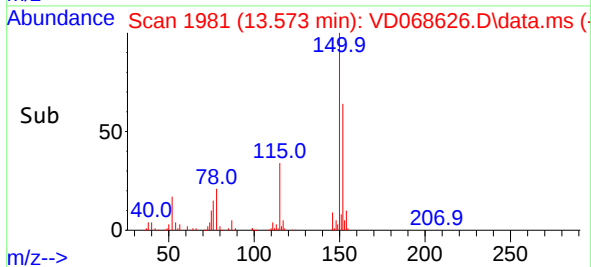
Tgt Ion:173 Resp: 32925
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



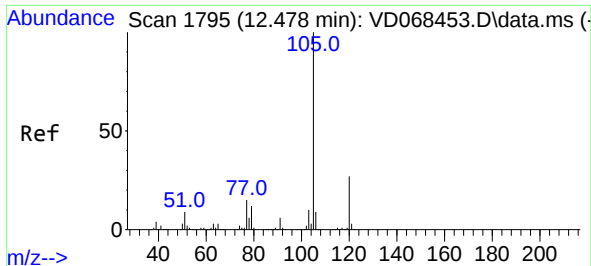
Tgt Ion:152 Resp: 228637
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 162.8 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

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3/17/2021 11:47:36 AM



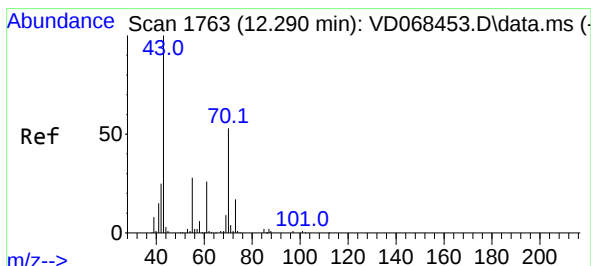
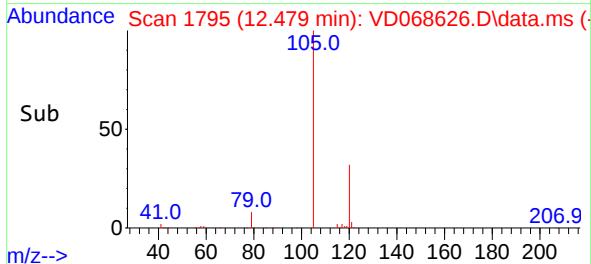
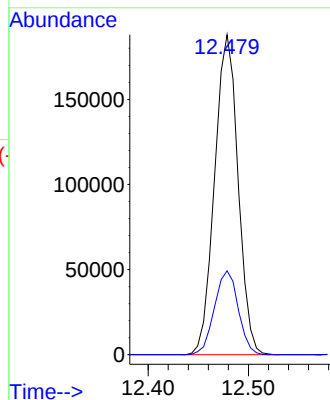
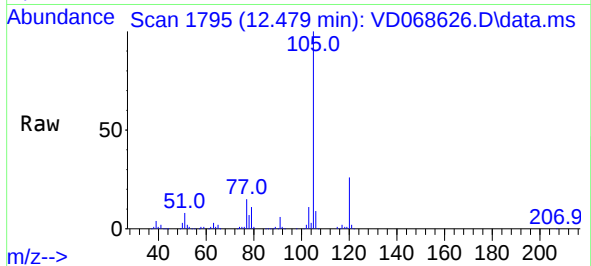
#73
Isopropylbenzene
Concen: 17.99 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 105 Resp: 305083
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

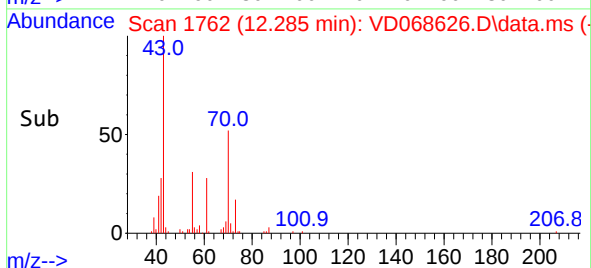
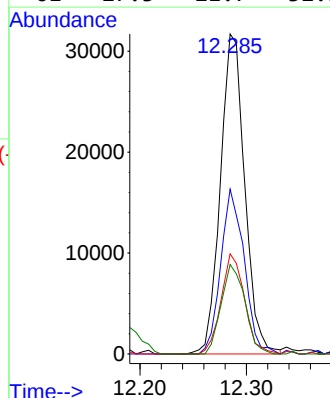
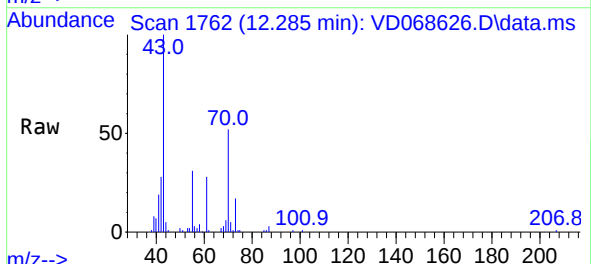
Manual Integrations
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3/17/2021 11:47:36 AM



#74
N-ethyl acetate
Concen: 17.41 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 43 Resp: 50303
Ion Ratio Lower Upper
43 100
70 49.6 41.8 62.8
55 30.1 24.2 36.4
61 27.3 21.7 32.5





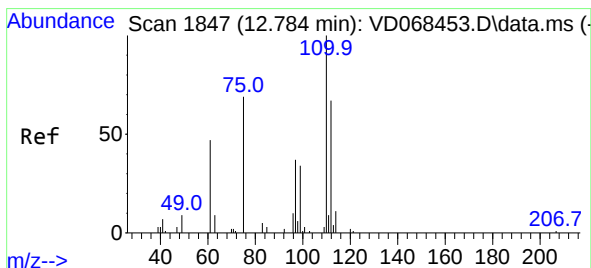
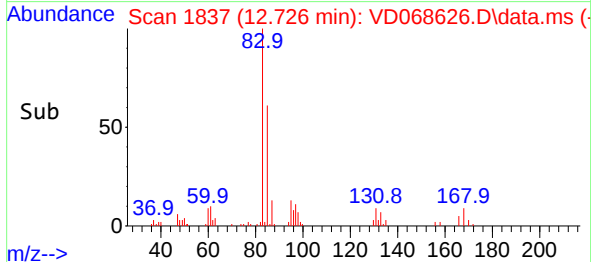
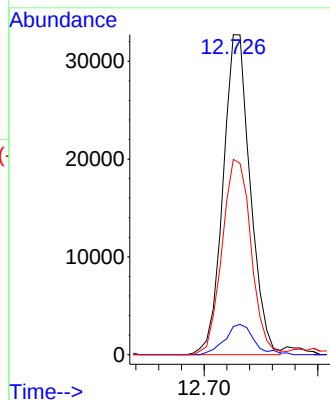
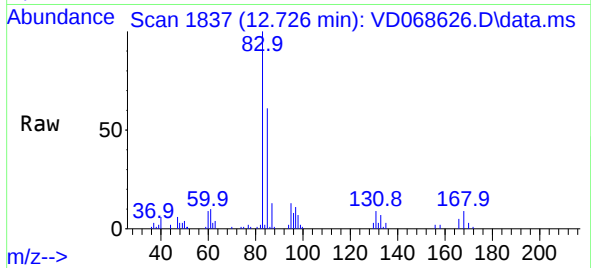
#75
1,1,2,2-Tetrachloroethane
Concen: 18.61 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 83 Resp: 54287
Ion Ratio Lower Upper
83 100
131 10.2 5.8 17.4
85 65.2 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

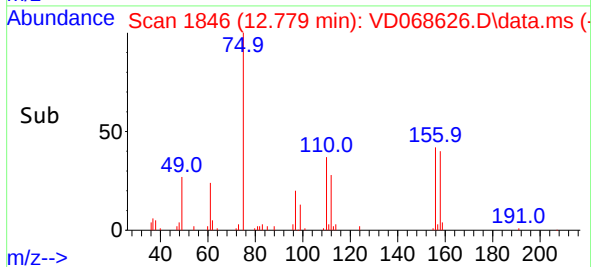
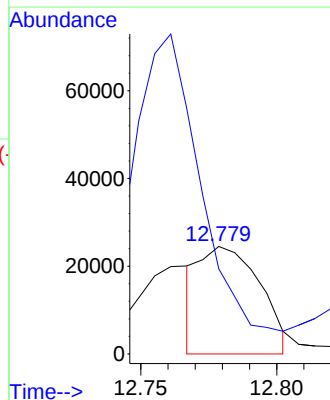
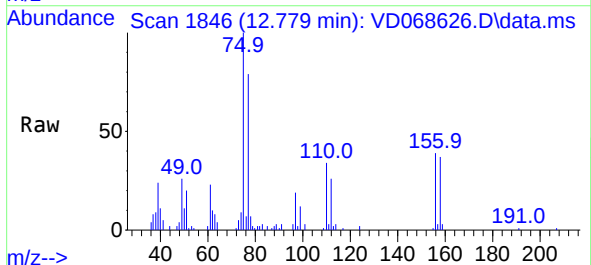
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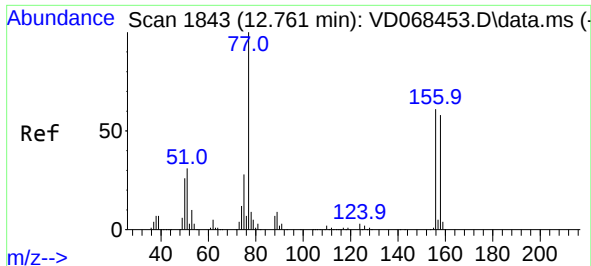
MMDadoda
3/17/2021 11:47:36 AM



#76
1,2,3-Trichloropropane
Concen: 18.70 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 75 Resp: 37953
Ion Ratio Lower Upper
75 100
77 354.0 0.0 0.0#





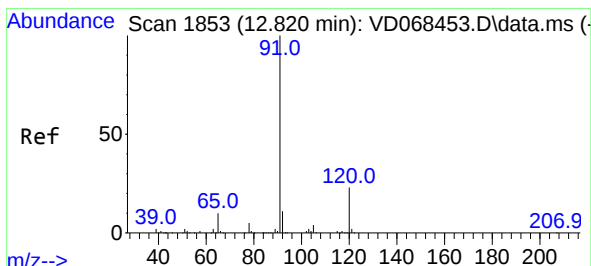
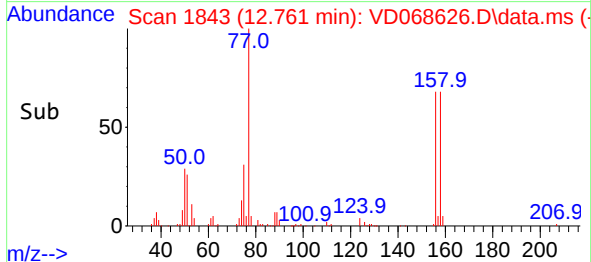
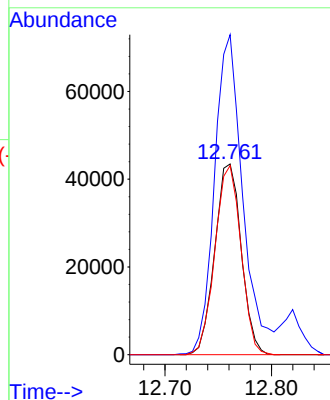
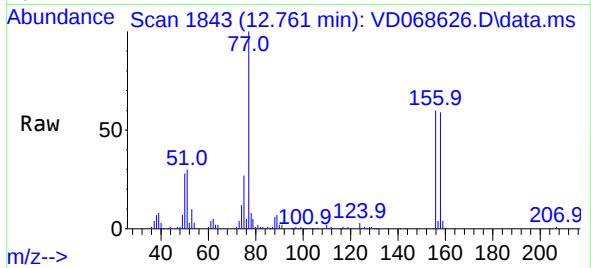
#77
Bromobenzene
Concen: 19.40 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion: 156 Resp: 75066
Ion Ratio Lower Upper
156 100
77 179.0 82.8 248.3
158 97.3 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

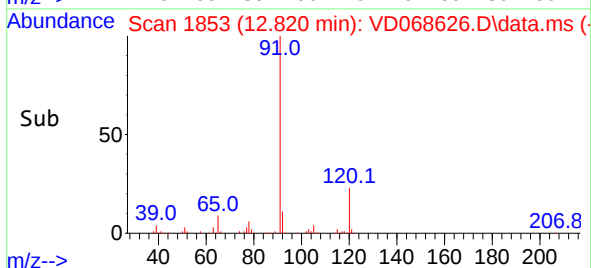
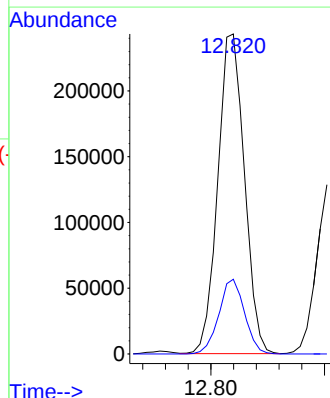
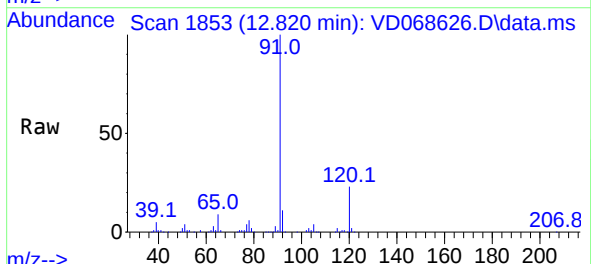
Manual Integrations
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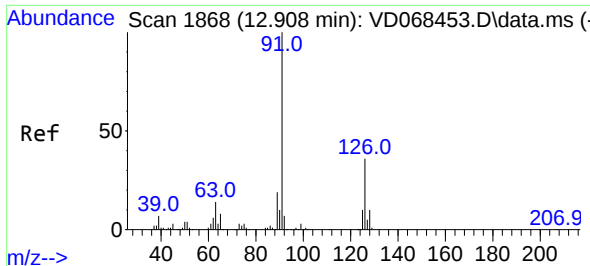
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#78
n-propylbenzene
Concen: 19.51 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

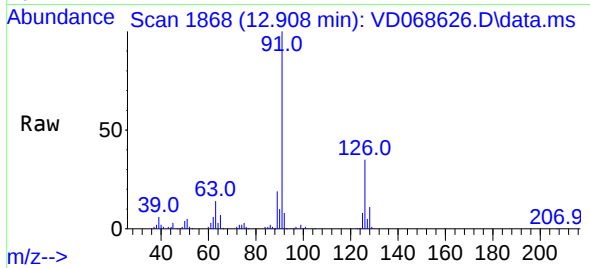
Tgt Ion: 91 Resp: 395248
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.0





#79
2-Chlorotoluene
Concen: 19.82 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

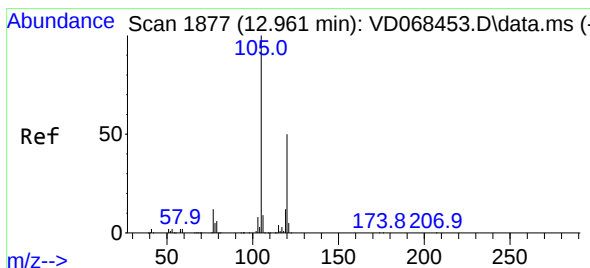
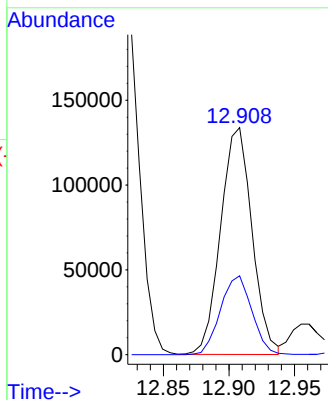
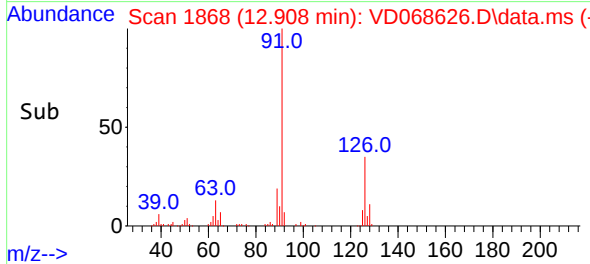
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



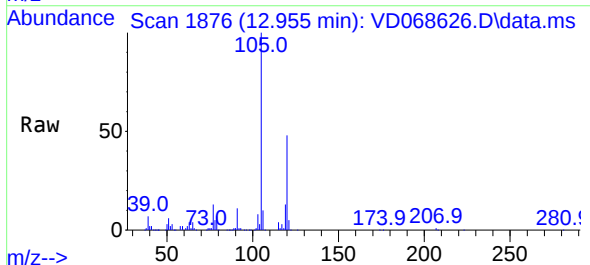
Tgt Ion: 91 Resp: 222902
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.5

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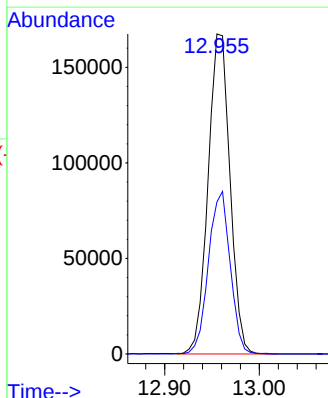
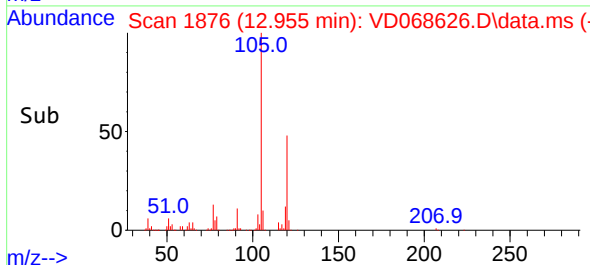
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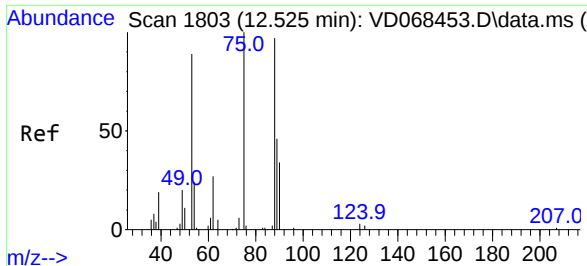


#80
1,3,5-Trimethylbenzene
Concen: 19.36 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



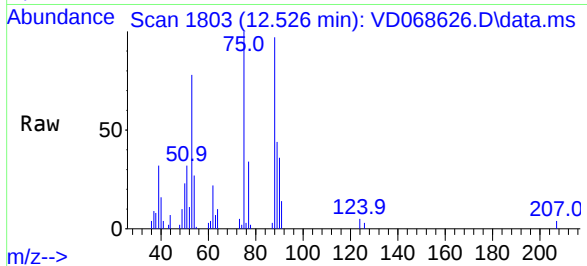
Tgt Ion: 105 Resp: 269040
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.78 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

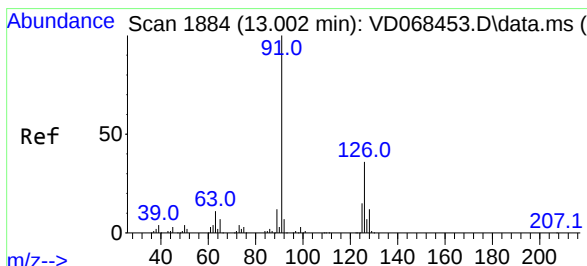
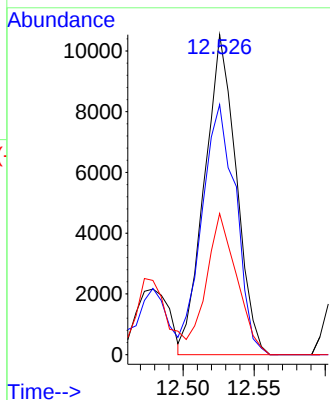
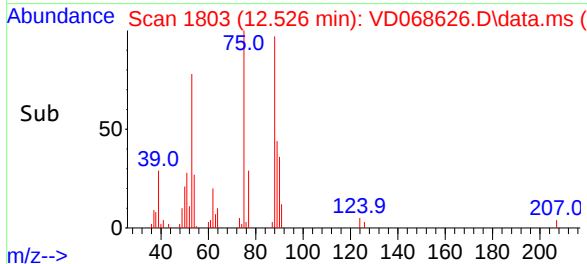
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



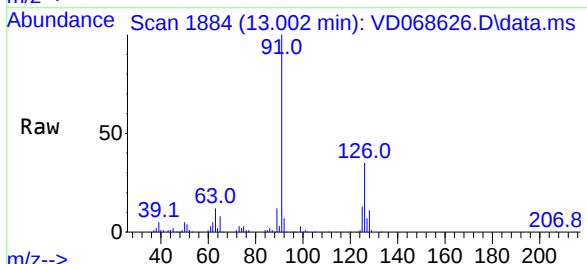
Tgt Ion: 75 Resp: 16331
Ion Ratio Lower Upper
75 100
53 83.6 70.2 105.2
89 42.0 40.3 60.5

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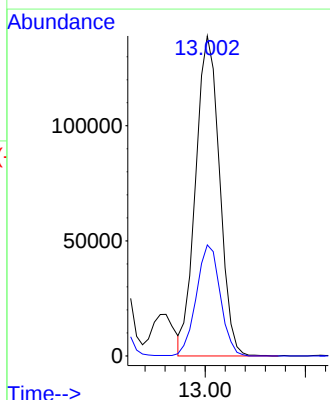
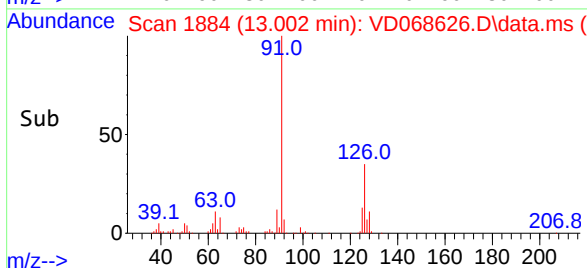
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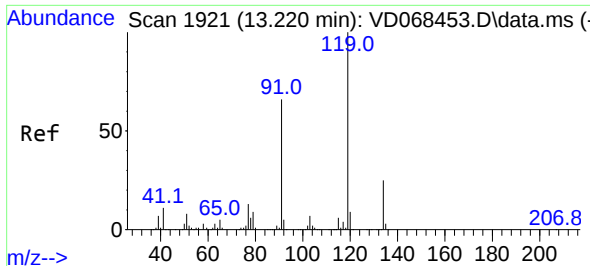


#82
4-Chlorotoluene
Concen: 19.47 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



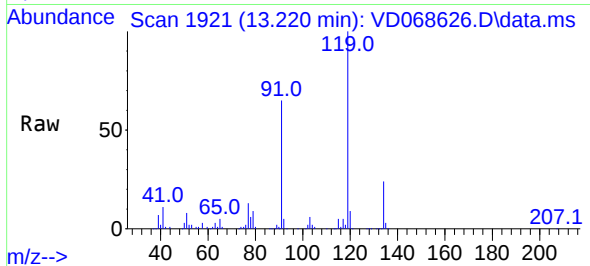
Tgt Ion: 91 Resp: 230355
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





#83
tert-Butylbenzene
Concen: 19.86 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

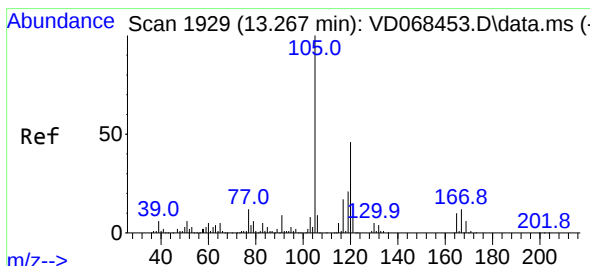
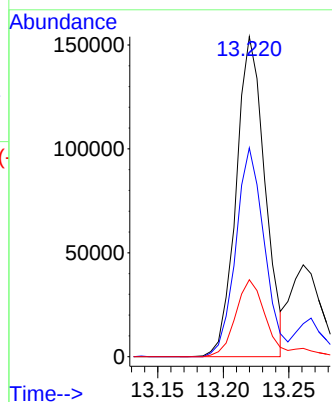
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



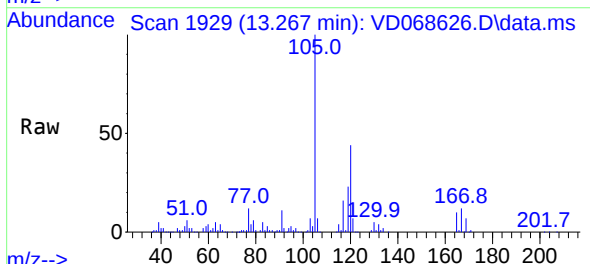
Tgt Ion:119 Resp: 234973
Ion Ratio Lower Upper
119 100
91 65.2 31.1 93.5
134 26.8 13.3 39.8

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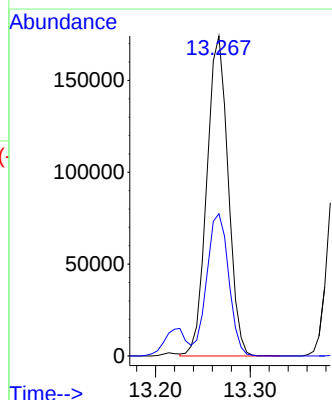
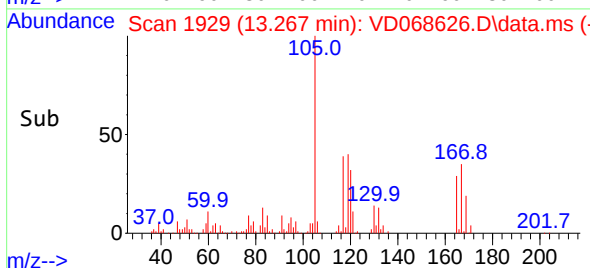
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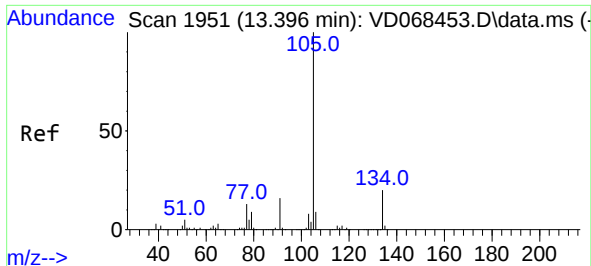


#84
1,2,4-Trimethylbenzene
Concen: 19.55 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



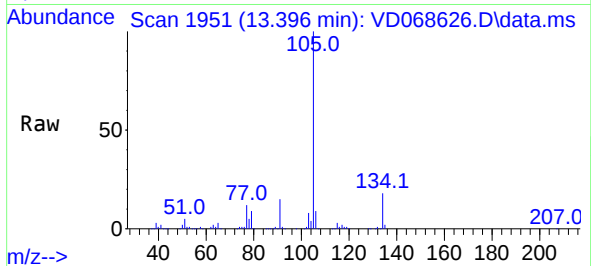
Tgt Ion:105 Resp: 272183
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0





#85
sec-Butylbenzene
Concen: 19.89 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

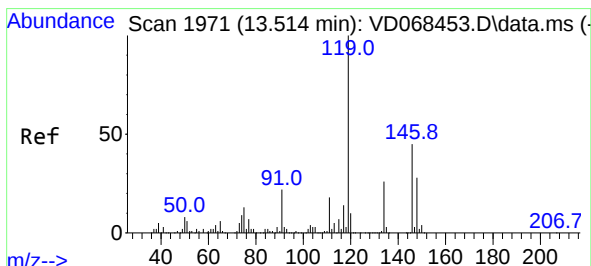
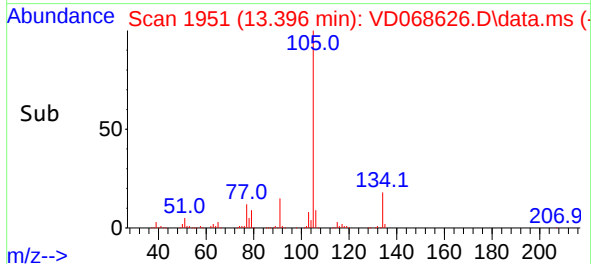
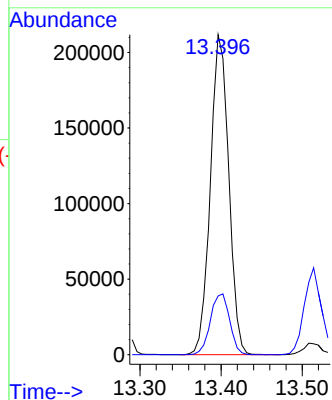
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



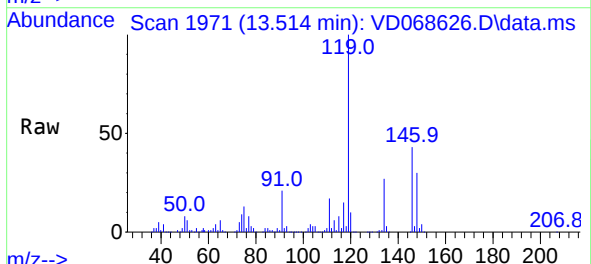
Tgt Ion:105 Resp: 332491
Ion Ratio Lower Upper
105 100
134 19.9 10.3 30.9

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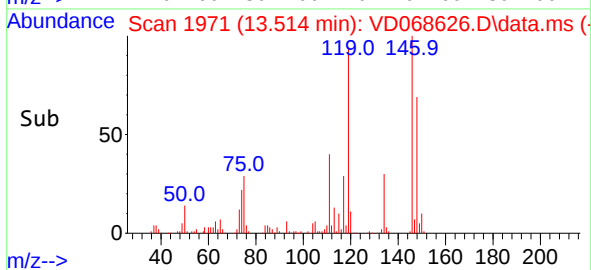
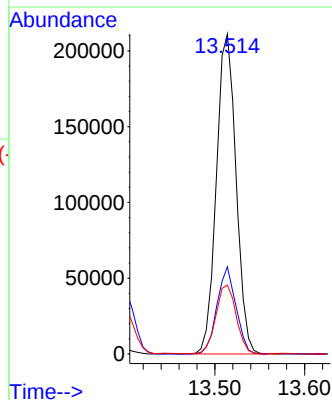
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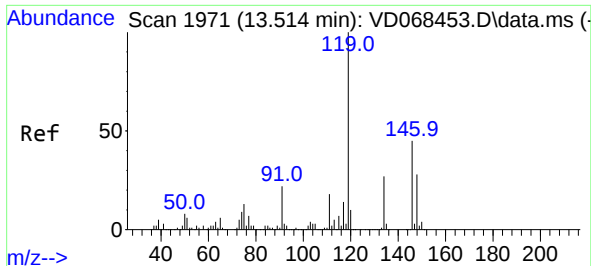


#86
p-Isopropyltoluene
Concen: 21.17 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



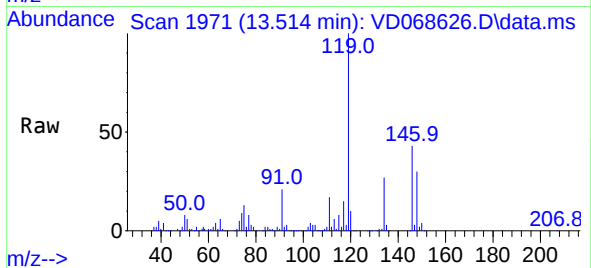
Tgt Ion:119 Resp: 321185
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.7
91 22.3 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 20.92 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

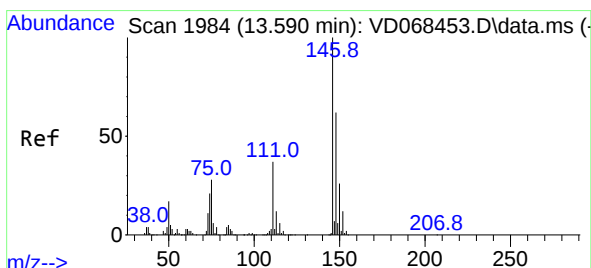
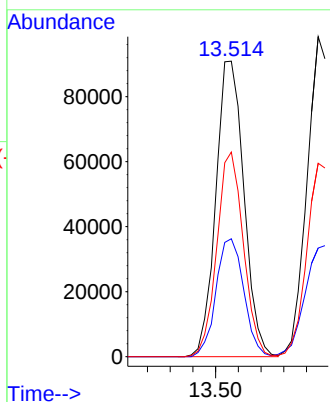
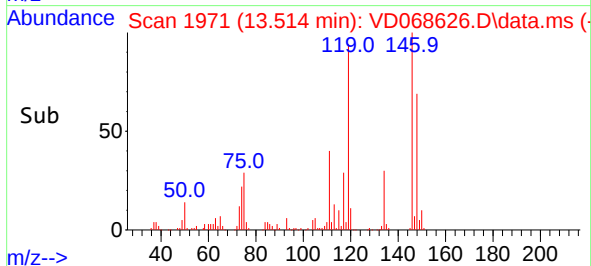
Instrument :
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ClientSampleId :
VD0316SBSD01



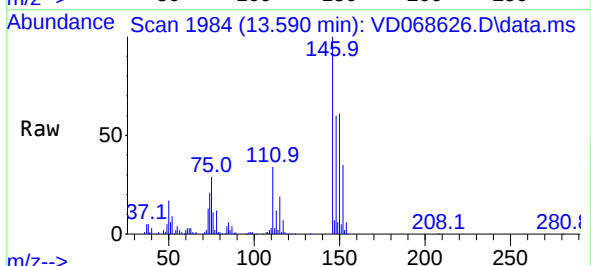
Tgt Ion:146 Resp: 156395
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 65.3 31.6 95.0

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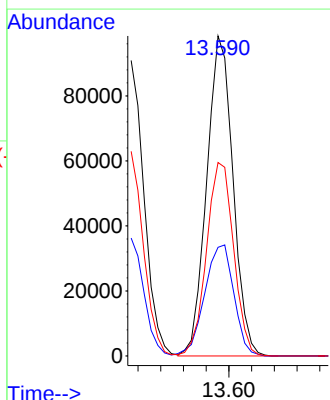
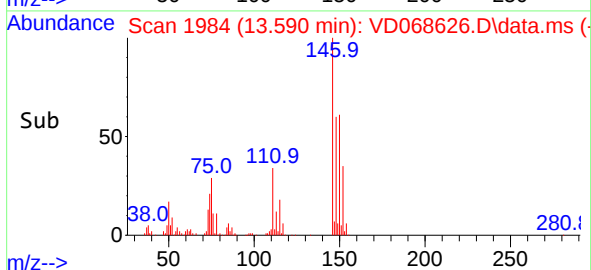
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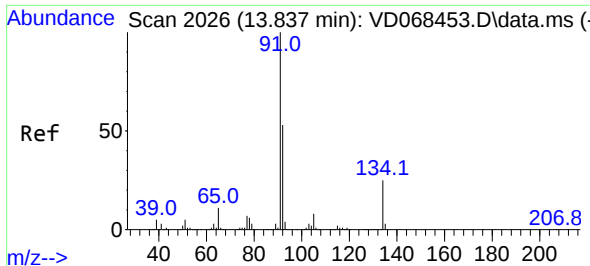


#88
1,4-Dichlorobenzene
Concen: 21.37 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



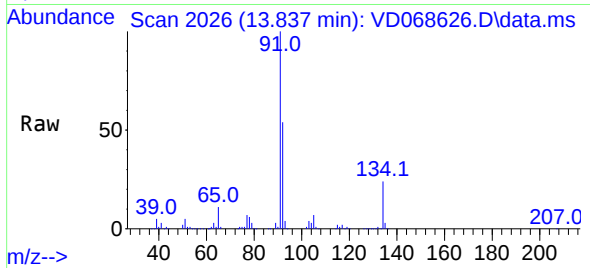
Tgt Ion:146 Resp: 158266
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.1
148 62.5 31.9 95.7





#89
n-Butylbenzene
Concen: 20.90 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

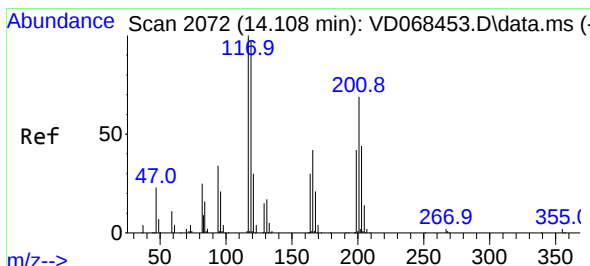
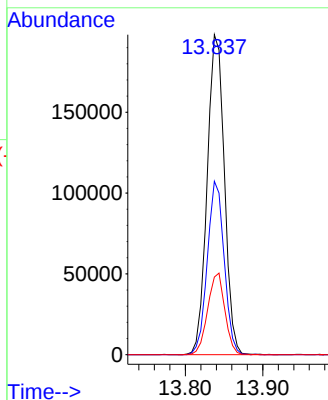
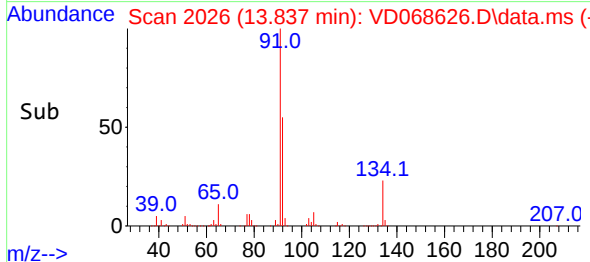
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ClientSampleId :
VD0316SBSD01



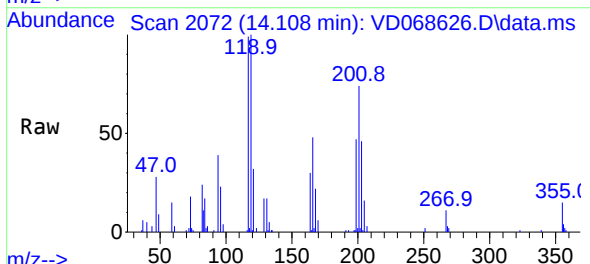
Tgt Ion: 91 Resp: 305941
Ion Ratio Lower Upper
91 100
92 53.0 27.2 81.6
134 25.4 13.9 41.7

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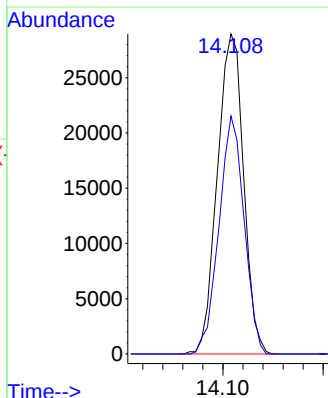
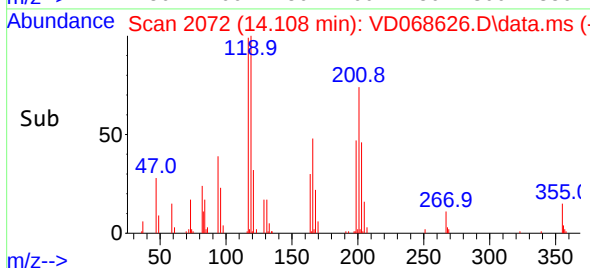
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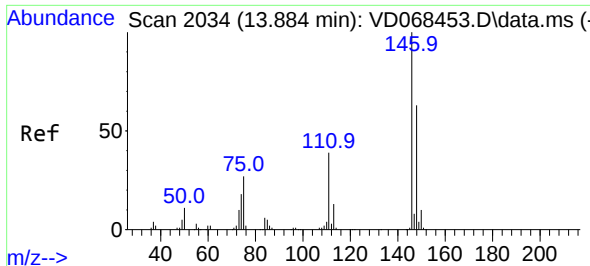


#90
Hexachloroethane
Concen: 17.42 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

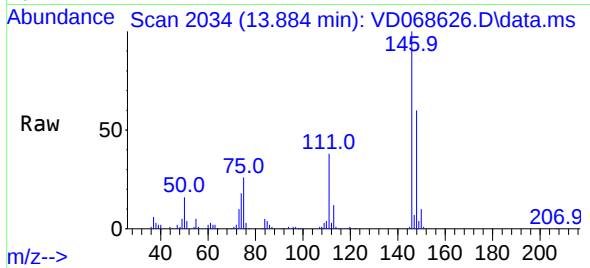


Tgt Ion: 117 Resp: 52522
Ion Ratio Lower Upper
117 100
201 71.5 39.5 118.5

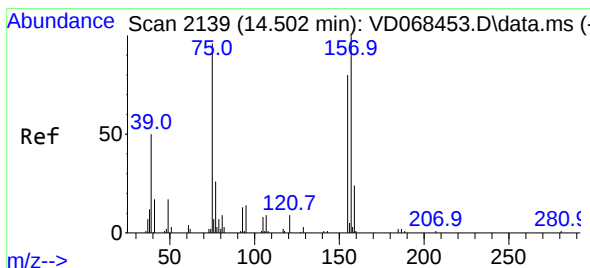
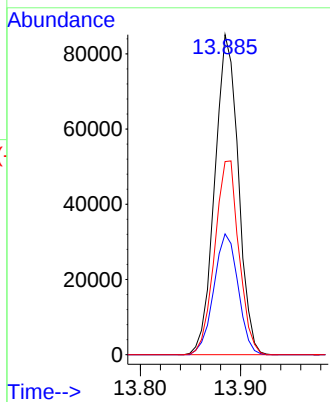
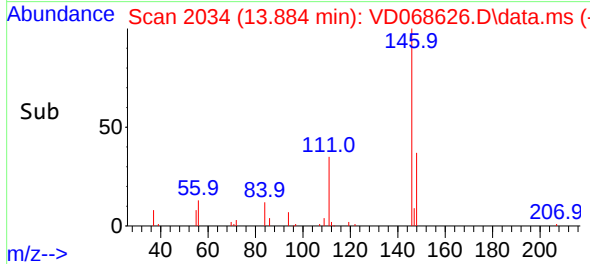




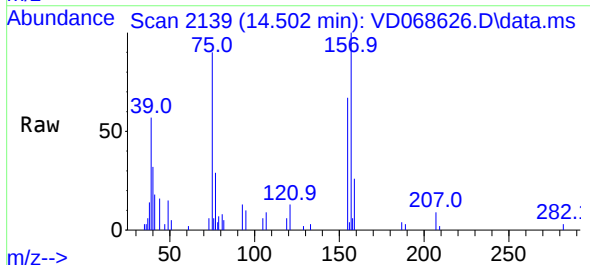
#91
1,2-Dichlorobenzene
Concen: 21.65 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



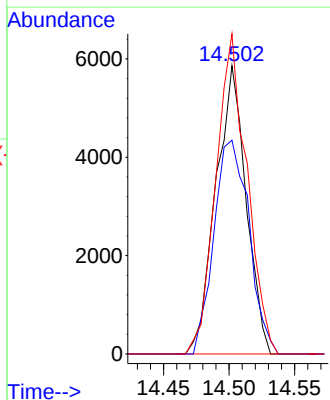
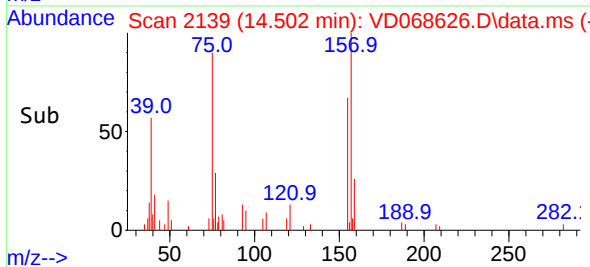
Tgt Ion:146 Resp: 138773
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 62.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.29 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



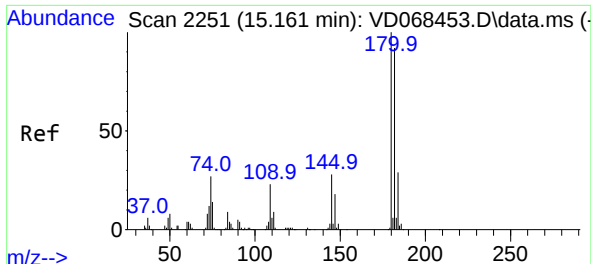
Tgt Ion: 75 Resp: 9405
Ion Ratio Lower Upper
75 100
155 85.8 48.0 144.2
157 113.7 65.0 194.8



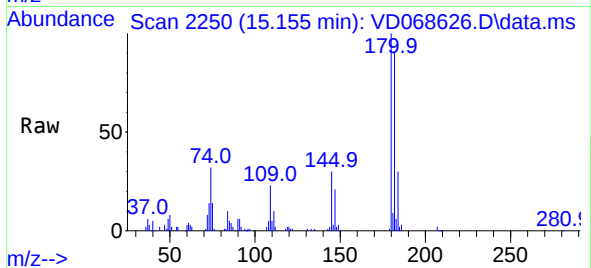
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Manual Integrations
APPROVED

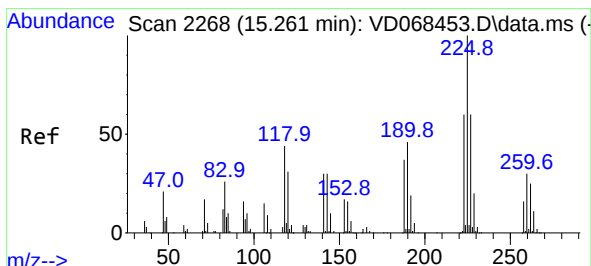
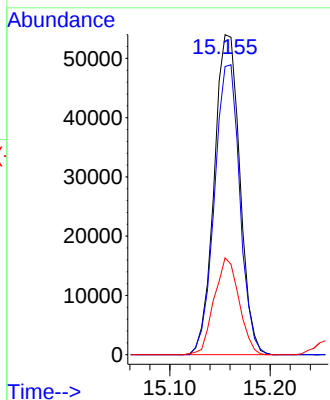
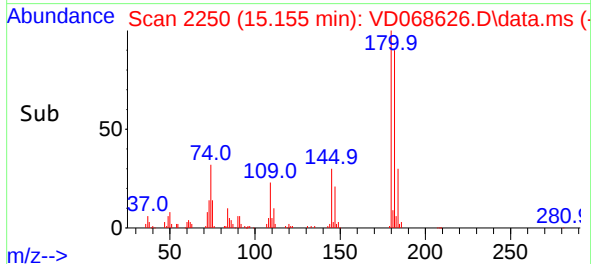
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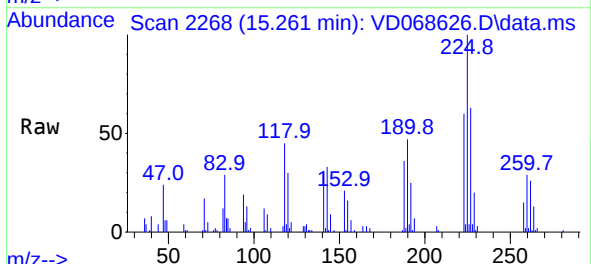
#93
1,2,4-Trichlorobenzene
Concen: 19.36 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



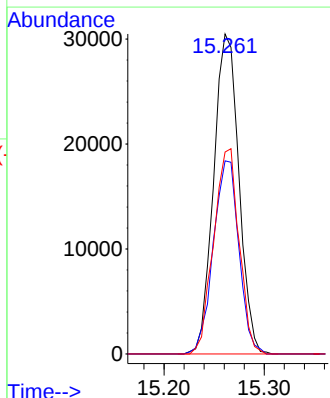
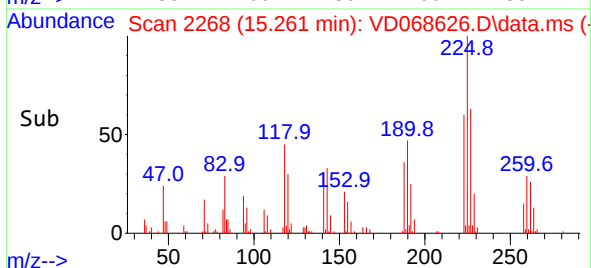
Tgt Ion:180 Resp: 95869
Ion Ratio Lower Upper
180 100
182 89.4 46.8 140.4
145 29.3 15.2 45.5



#94
Hexachlorobutadiene
Concen: 19.41 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38



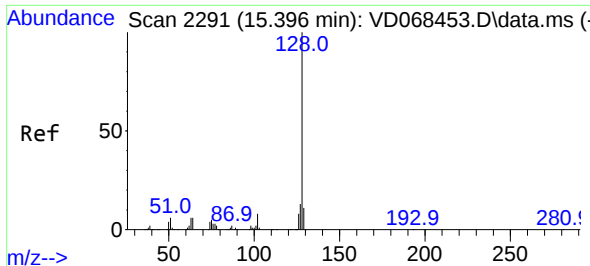
Tgt Ion:225 Resp: 53352
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.5
227 64.5 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Manual Integrations
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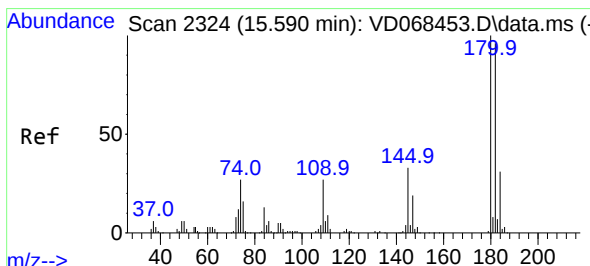
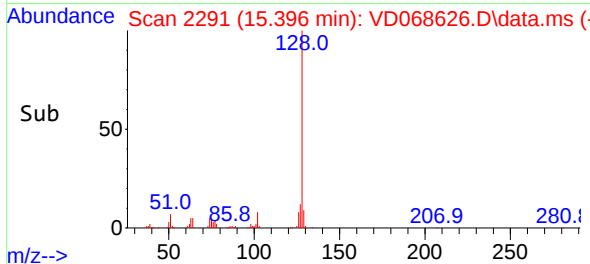
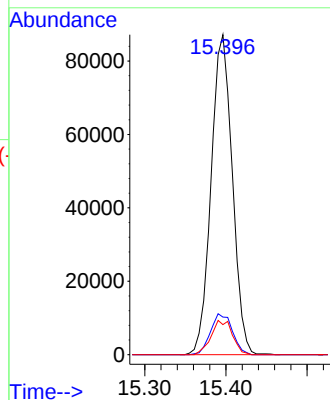
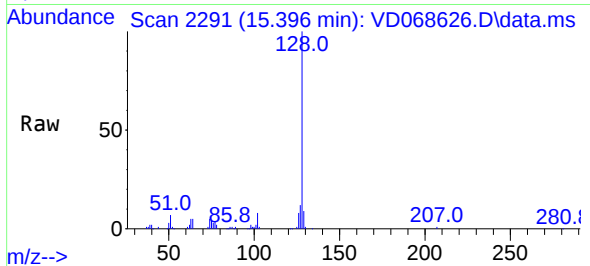
#95
Naphthalene
Concen: 17.63 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:128 Resp: 158070
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Manual Integrations
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3/17/2021 11:47:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.66 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068626.D
Acq: 16 Mar 2021 12:38

Tgt Ion:180 Resp: 79999
Ion Ratio Lower Upper
180 100
182 92.1 48.3 144.8
145 31.8 16.7 50.1

