

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068582.D
 Acq On : 11 Mar 2021 13:41
 Operator : VA/SY
 Sample : VD0311SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBSD01

Manual Integrations
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Quant Time: Mar 12 00:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	272510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	422402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	128184	47.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.16%
35) Dibromofluoromethane	7.914	113	137709	49.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.76%
50) Toluene-d8	10.338	98	528224	47.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.10%
62) 4-Bromofluorobenzene	12.632	95	171118	47.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	51678	19.54	ug/l	99
3) Chloromethane	2.209	50	63017	18.86	ug/l	91
4) Vinyl Chloride	2.350	62	80636	20.32	ug/l	99
5) Bromomethane	2.756	94	56199	19.89	ug/l	100
6) Chloroethane	2.915	64	52338	20.40	ug/l	92
7) Trichlorofluoromethane	3.273	101	93805	20.72	ug/l	99
8) Diethyl Ether	3.709	74	25909	19.22	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	58176	21.09	ug/l	94
10) Methyl Iodide	4.297	142	55322	18.51	ug/l	94
11) Tert butyl alcohol	5.215	59	18633	128.17	ug/l	96
12) 1,1-Dichloroethene	4.062	96	54715	19.99	ug/l	93
13) Acrolein	3.915	56	19064	91.75	ug/l	94
14) Allyl chloride	4.715	41	69034	19.54	ug/l	99
15) Acrylonitrile	5.420	53	65076	114.40	ug/l	98
16) Acetone	4.156	43	49892	115.36	ug/l #	88
17) Carbon Disulfide	4.409	76	170964	19.07	ug/l	100
18) Methyl Acetate	4.720	43	23235	20.84	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	138049	23.27	ug/l #	91
20) Methylene Chloride	4.962	84	74626	20.63	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	75148	23.00	ug/l	94
22) Diisopropyl ether	6.362	45	150902	19.39	ug/l #	93
23) Vinyl Acetate	6.303	43	394938	97.83	ug/l	98
24) 1,1-Dichloroethane	6.262	63	108202	20.29	ug/l	97
25) 2-Butanone	7.209	43	65392	105.18	ug/l	97
26) 2,2-Dichloropropane	7.209	77	93968	21.15	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	72200	20.13	ug/l	99
28) Bromochloromethane	7.550	49	41651	20.01	ug/l	82
29) Tetrahydrofuran	7.561	42	41351	102.43	ug/l	97
30) Chloroform	7.708	83	112240	19.93	ug/l	97
31) Cyclohexane	7.985	56	96521	19.49	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	100176	20.84	ug/l	96
36) 1,1-Dichloropropene	8.114	75	88616	20.14	ug/l	97
37) Ethyl Acetate	7.297	43	30917	21.18	ug/l	96
38) Carbon Tetrachloride	8.097	117	87487	21.16	ug/l	94
39) Methylcyclohexane	9.355	83	108192	19.94	ug/l	97
40) Benzene	8.350	78	252288	19.99	ug/l	96

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Quant Time: Mar 12 00:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	17139m	20.22	ug/l	
42) 1,2-Dichloroethane	8.426	62	68912	20.76	ug/l	100
43) Isopropyl Acetate	8.456	43	55624	20.73	ug/l	97
44) Trichloroethene	9.114	130	70003	20.20	ug/l	99
45) 1,2-Dichloropropane	9.391	63	61848	20.50	ug/l	97
46) Dibromomethane	9.473	93	32771	19.96	ug/l	95
47) Bromodichloromethane	9.661	83	85554	20.15	ug/l	96
48) Methyl methacrylate	9.455	41	30596	21.39	ug/l	98
49) 1,4-Dioxane	9.461	88	7954	424.86	ug/l #	76
51) 4-Methyl-2-Pentanone	10.232	43	147327	104.92	ug/l	97
52) Toluene	10.402	92	163324	20.26	ug/l	93
53) t-1,3-Dichloropropene	10.620	75	80475	20.50	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	96637	20.18	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	47071	20.72	ug/l	88
56) Ethyl methacrylate	10.667	69	51666	19.79	ug/l	97
57) 1,3-Dichloropropane	10.950	76	79921	20.15	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	130603	99.69	ug/l	92
59) 2-Hexanone	10.985	43	105158	112.35	ug/l	99
60) Dibromochloromethane	11.144	129	58190	20.69	ug/l	97
61) 1,2-Dibromoethane	11.244	107	43813	19.71	ug/l	96
64) Tetrachloroethene	10.879	164	57789	20.95	ug/l	95
65) Chlorobenzene	11.667	112	177019	20.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	61465	20.56	ug/l	98
67) Ethyl Benzene	11.744	91	310047	20.19	ug/l	99
68) m/p-Xylenes	11.855	106	232237	39.82	ug/l	99
69) o-Xylene	12.179	106	106757	19.88	ug/l	94
70) Styrene	12.191	104	184540	20.09	ug/l	96
71) Bromoform	12.361	173	32729	21.55	ug/l #	98
73) Isopropylbenzene	12.479	105	295408	20.08	ug/l	98
74) N-amyl acetate	12.285	43	52506	20.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	53297	21.06	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	34148m	19.39	ug/l	
77) Bromobenzene	12.761	156	66956	19.95	ug/l	93
78) n-propylbenzene	12.820	91	361389	20.56	ug/l	98
79) 2-Chlorotoluene	12.908	91	197795	20.28	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	245272	20.34	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	16869	22.36	ug/l	92
82) 4-Chlorotoluene	13.002	91	206724	20.14	ug/l	99
83) tert-Butylbenzene	13.220	119	211537	20.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	244463	20.25	ug/l	99
85) sec-Butylbenzene	13.396	105	297020	20.48	ug/l	99
86) p-Isopropyltoluene	13.514	119	266949	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	131679	20.31	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	134650	20.96	ug/l	98
89) n-Butylbenzene	13.838	91	258162	20.33	ug/l	97
90) Hexachloroethane	14.108	117	54789	20.94	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	112608	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9374	21.01	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	86127	20.05	ug/l	99
94) Hexachlorobutadiene	15.267	225	47990	20.13	ug/l	95
95) Naphthalene	15.396	128	154682	19.89	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	74637	20.07	ug/l	97

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

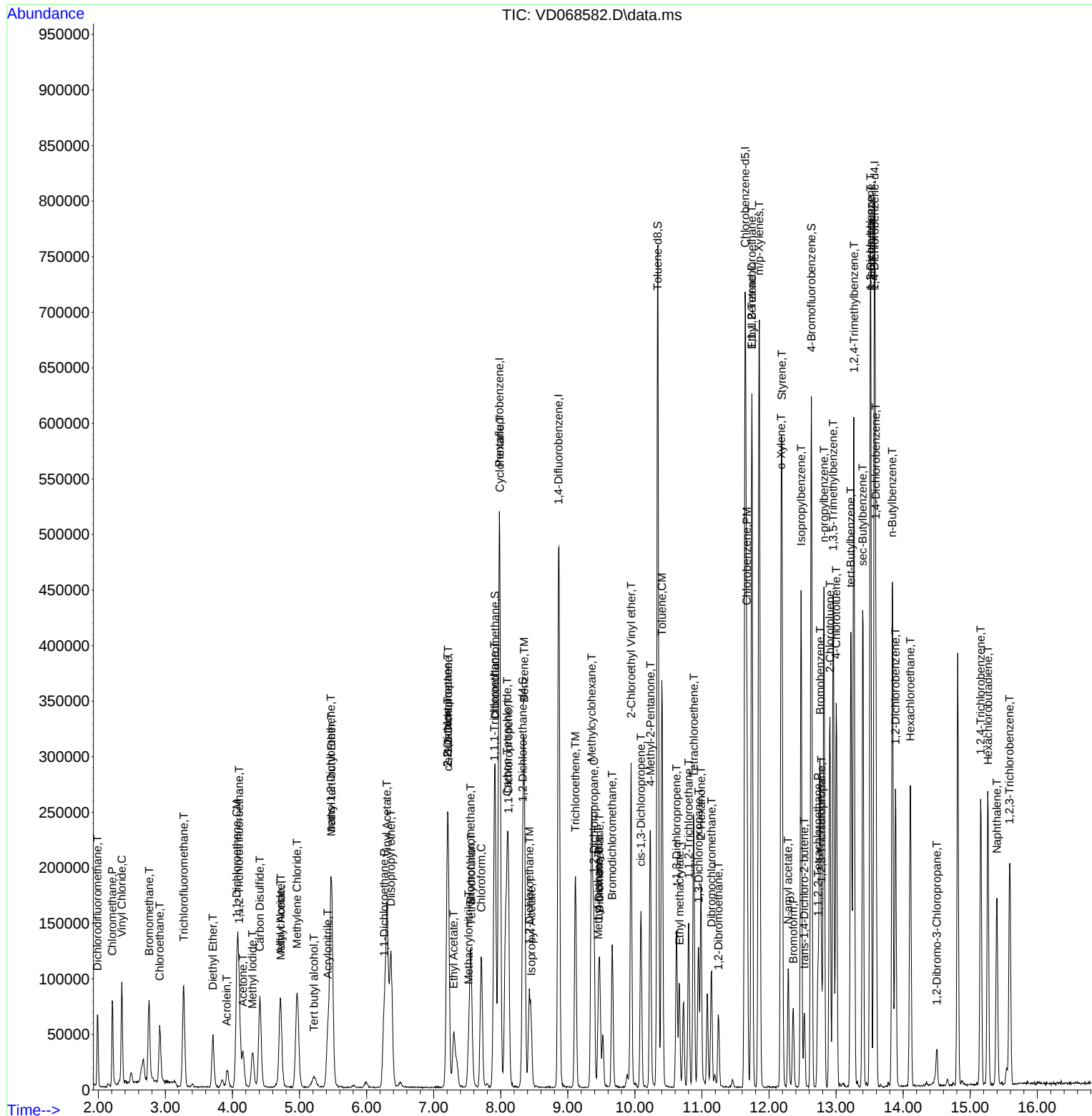
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 Data File : VD068582.D
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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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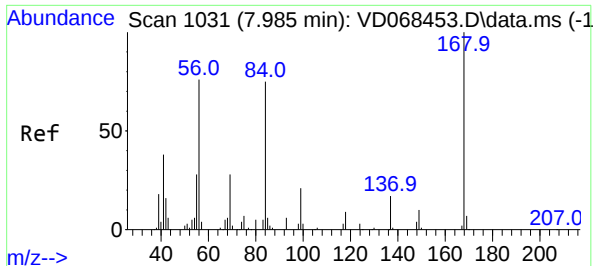
Instrument :
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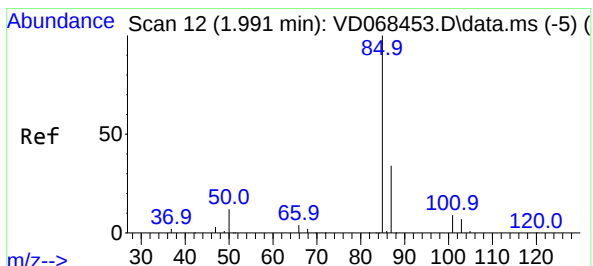
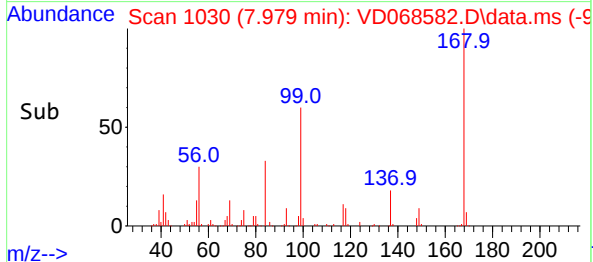
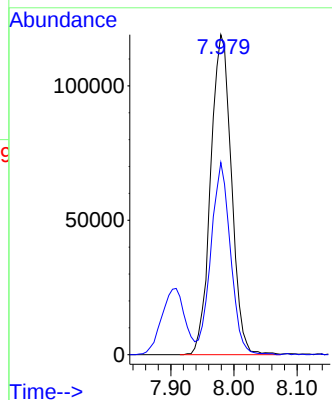
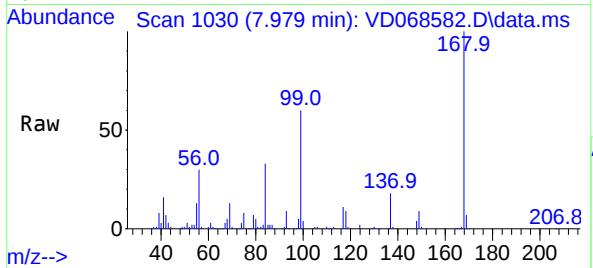
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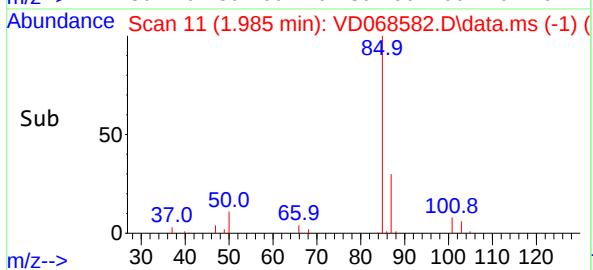
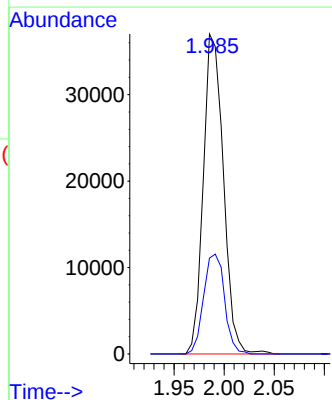
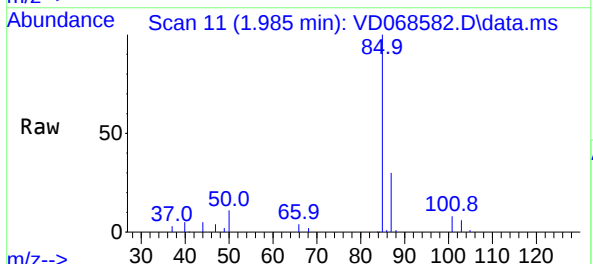
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 168 Resp: 272510
Ion Ratio Lower Upper
168 100
99 60.0 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 19.54 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

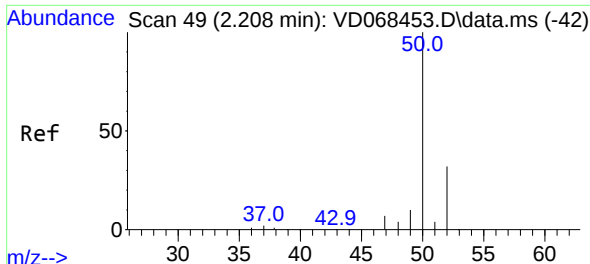
Tgt Ion: 85 Resp: 51678
Ion Ratio Lower Upper
85 100
87 29.9 15.4 46.1



Instrument :
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ClientSampleId :
VD0311SBSD01

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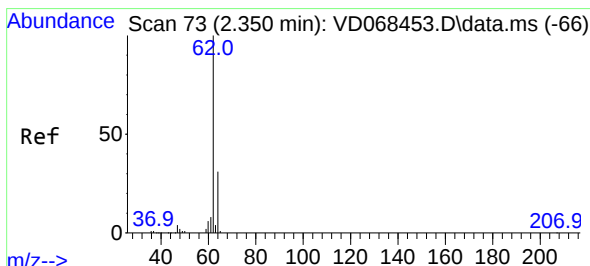
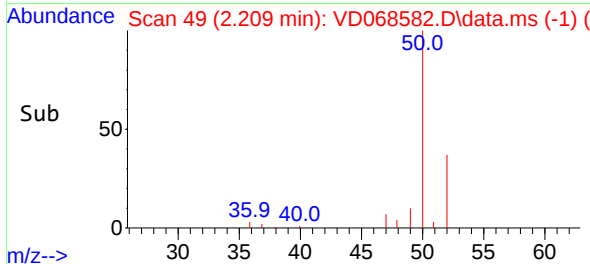
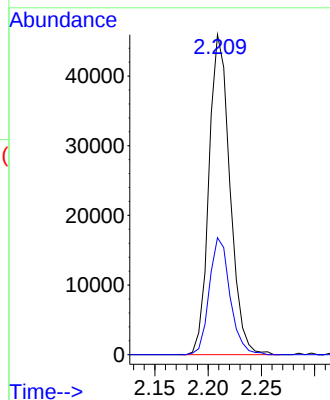
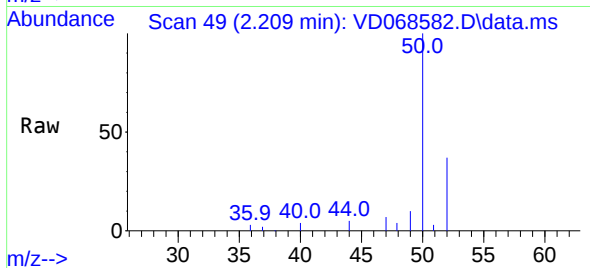
#3
Chloromethane
Concen: 18.86 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 50 Resp: 63017
Ion Ratio Lower Upper
50 100
52 36.5 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
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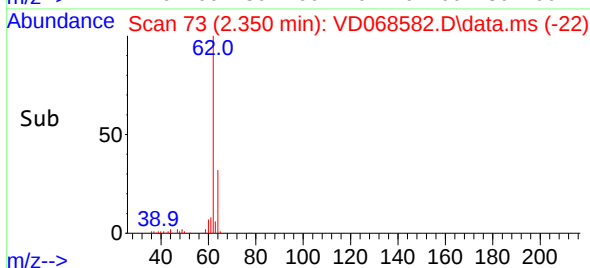
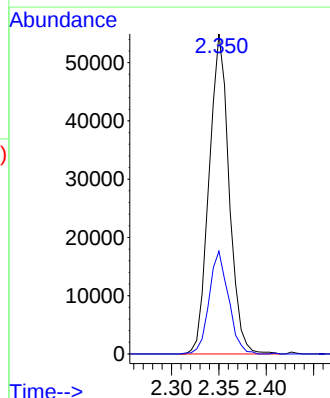
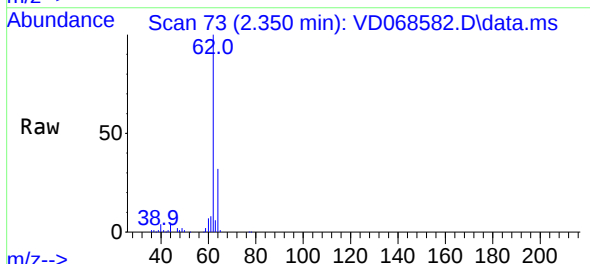
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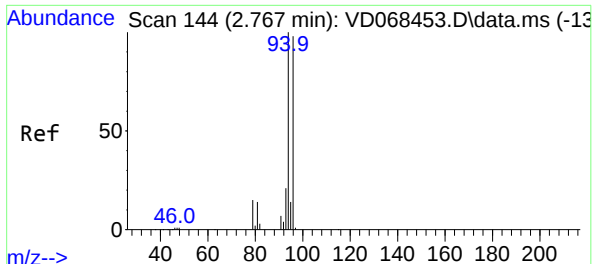
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#4
Vinyl Chloride
Concen: 20.32 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 62 Resp: 80636
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





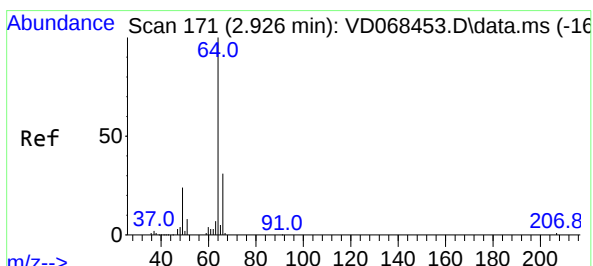
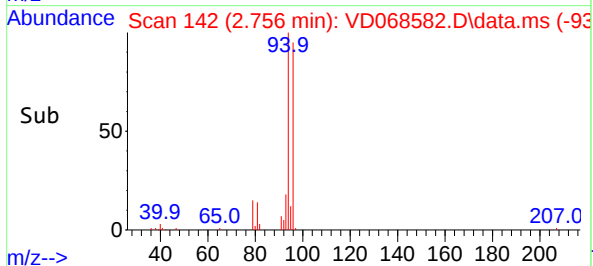
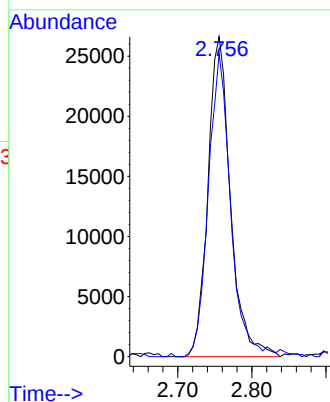
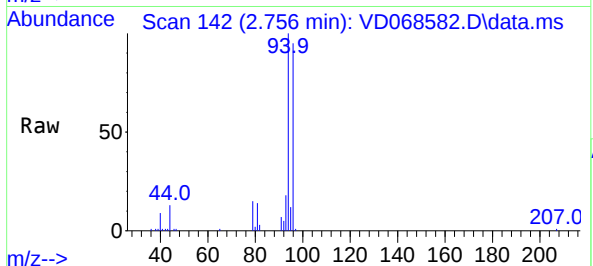
#5
Bromomethane
Concen: 19.89 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 94 Resp: 56199
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8

Instrument :
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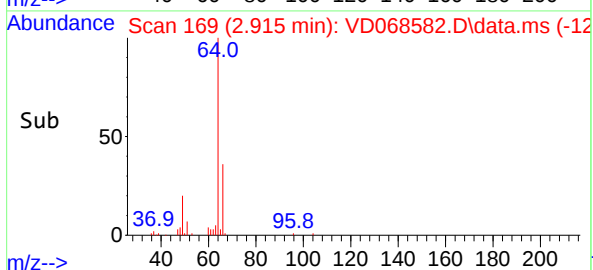
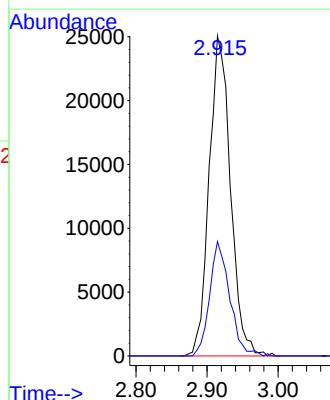
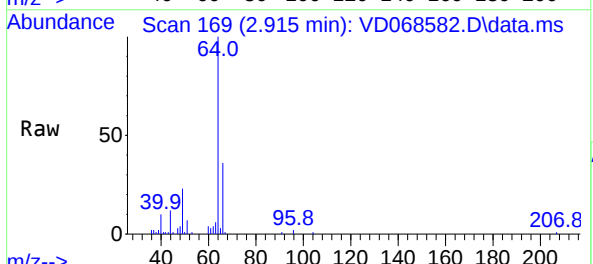
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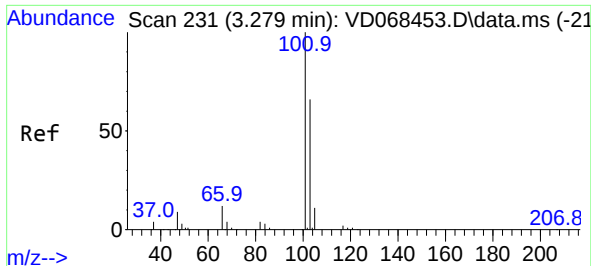
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#6
Chloroethane
Concen: 20.40 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 64 Resp: 52338
Ion Ratio Lower Upper
64 100
66 35.8 25.1 37.7





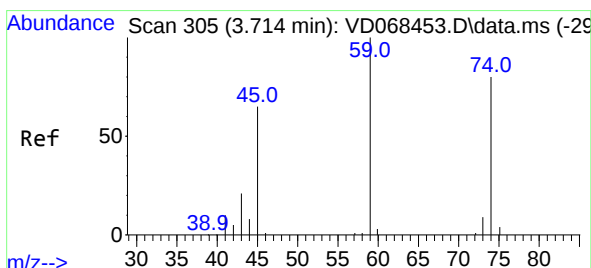
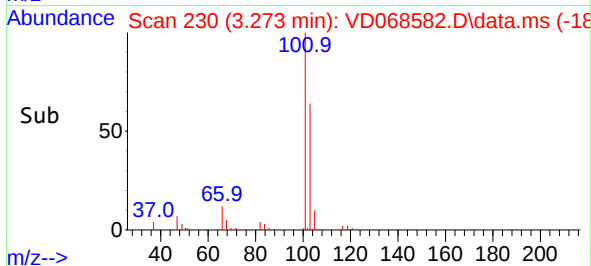
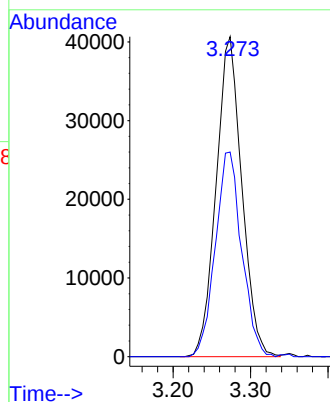
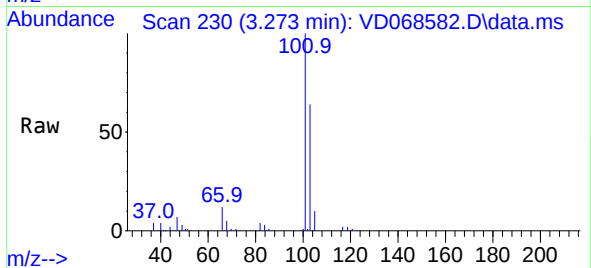
#7
Trichlorofluoromethane
Concen: 20.72 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:101 Resp: 93805
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

Instrument :
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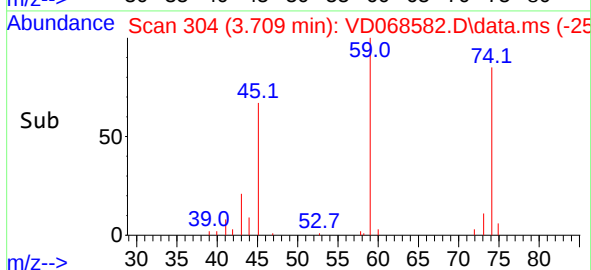
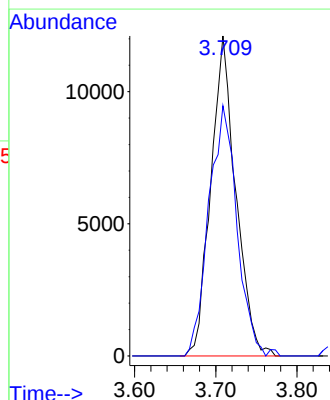
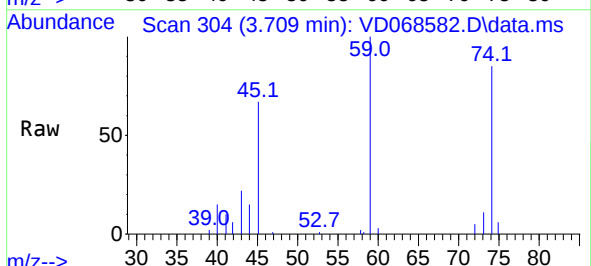
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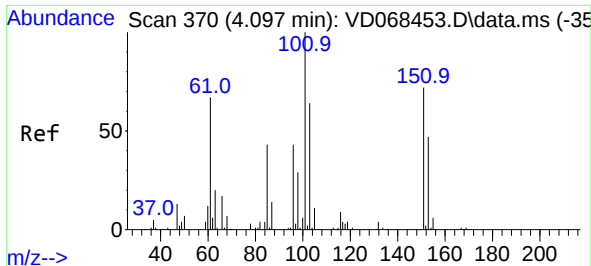
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#8
Diethyl Ether
Concen: 19.22 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 74 Resp: 25909
Ion Ratio Lower Upper
74 100
45 87.7 42.1 126.4





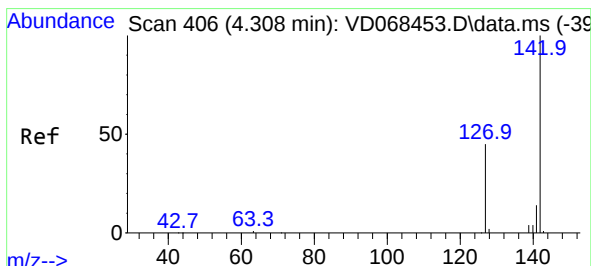
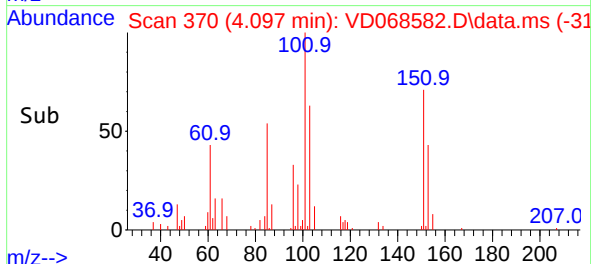
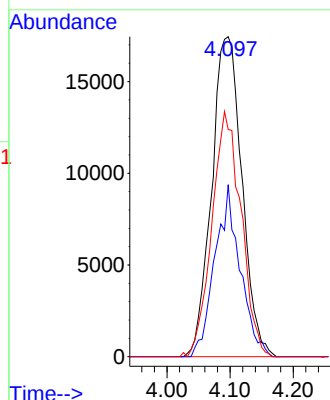
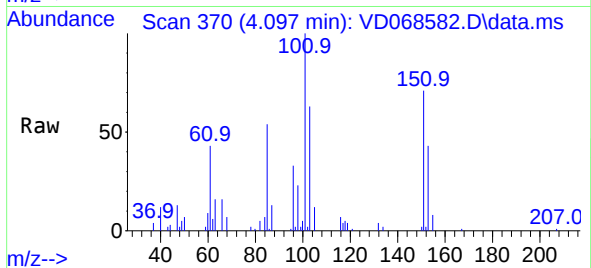
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.09 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	101	Resp:	58176
Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.0	51.0
151	73.8	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

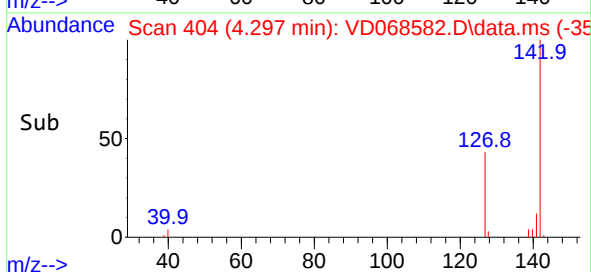
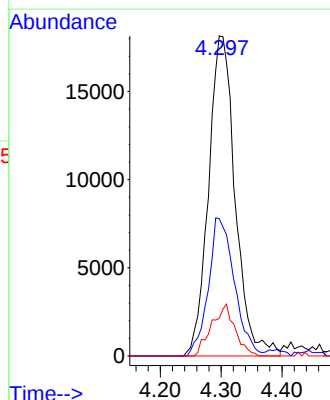
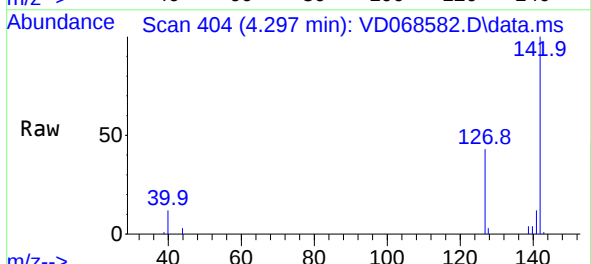
Manual Integrations
APPROVED

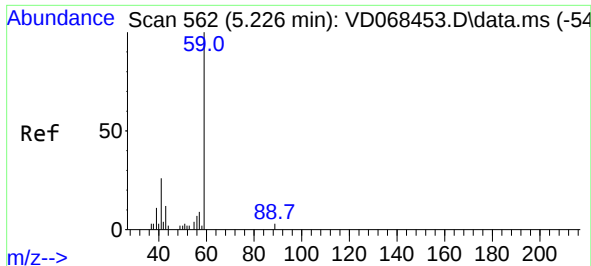
MMDadoda
3/12/2021 2:01:25 PM



#10
Methyl Iodide
Concen: 18.51 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	142	Resp:	55322
Ion	Ratio	Lower	Upper
142	100		
127	41.9	37.9	56.9
141	14.2	11.5	17.3





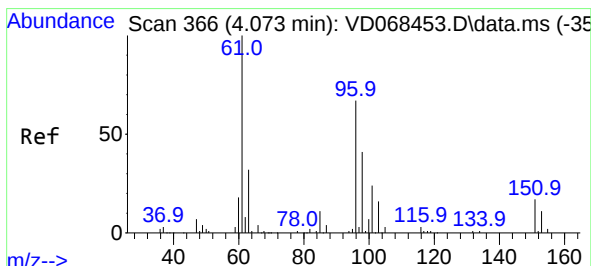
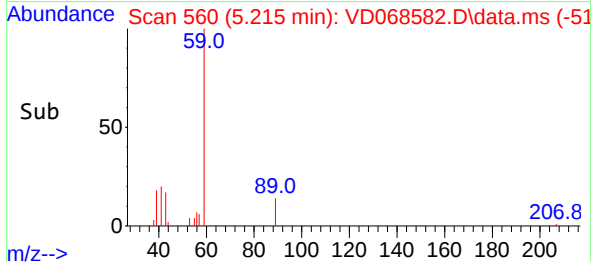
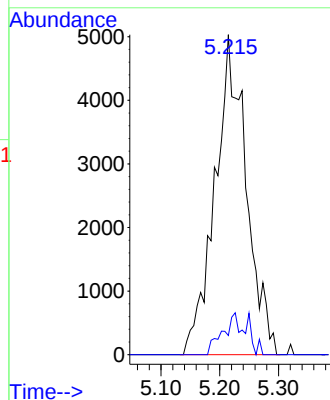
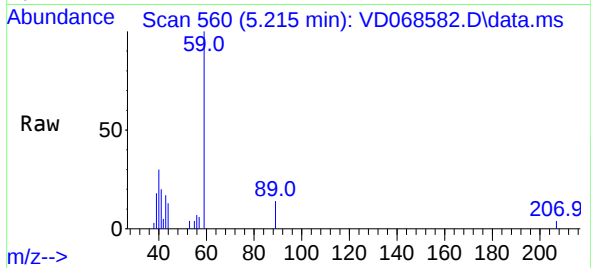
#11
Tert butyl alcohol
Concen: 128.17 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 59 Resp: 18633
Ion Ratio Lower Upper
59 100
57 7.7 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

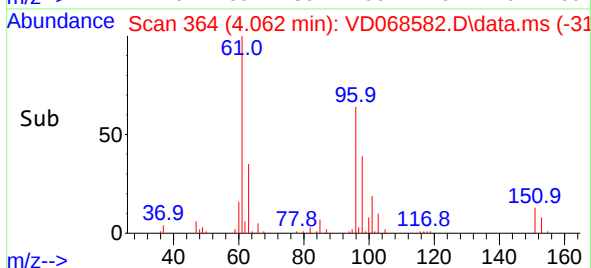
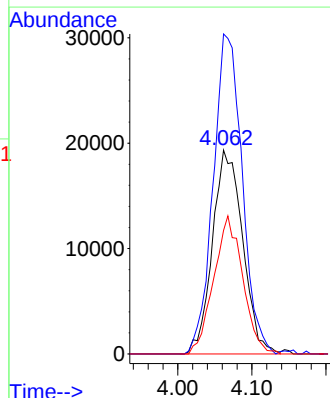
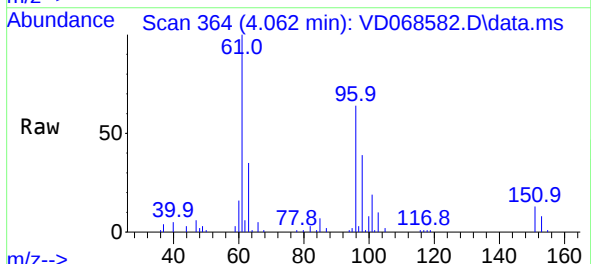
Manual Integrations
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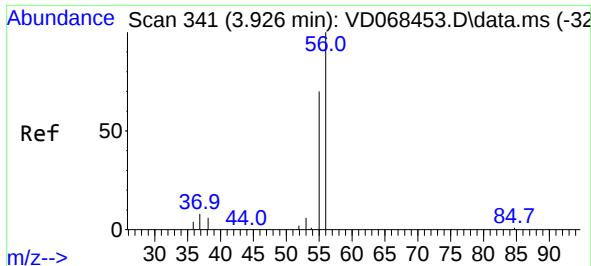
MMDadoda
3/12/2021 2:01:25 PM



#12
1,1-Dichloroethene
Concen: 19.99 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

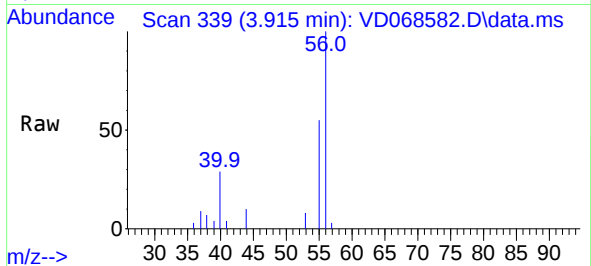
Tgt Ion: 96 Resp: 54715
Ion Ratio Lower Upper
96 100
61 157.0 116.2 174.4
98 60.6 48.6 73.0





#13
Acrolein
Concen: 91.75 ug/l
RT: 3.915 min Scan# 339
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

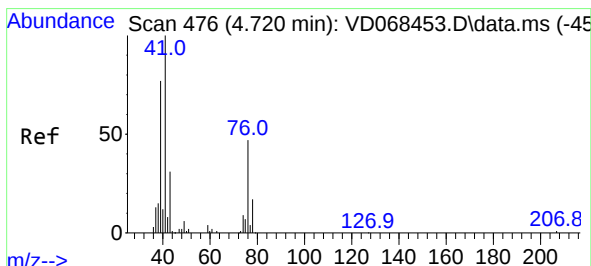
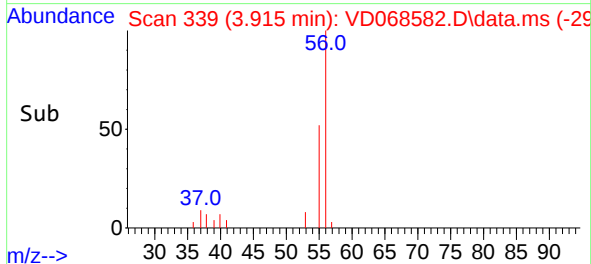
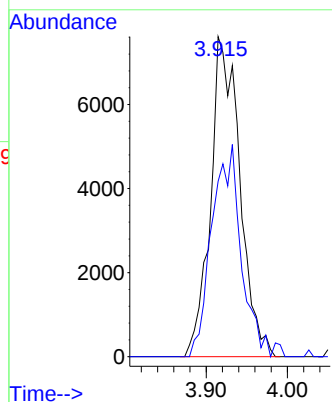
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



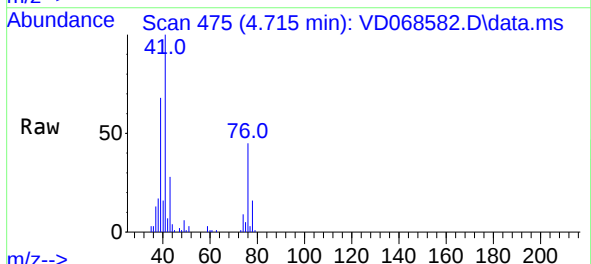
Tgt Ion: 56 Resp: 19064
Ion Ratio Lower Upper
56 100
55 65.9 56.5 84.7

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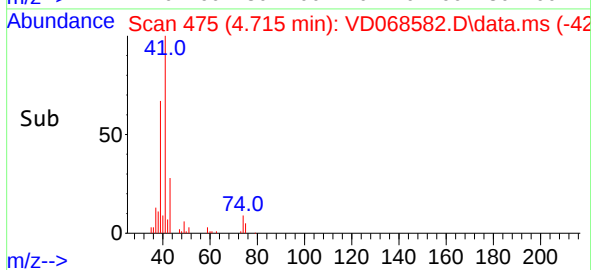
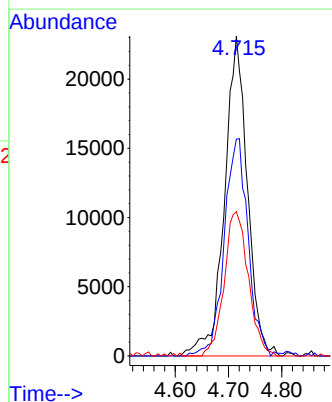
MMDadoda
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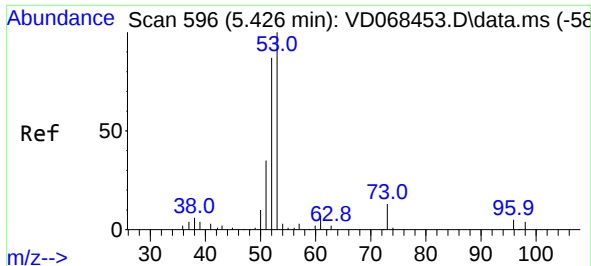


#14
Allyl chloride
Concen: 19.54 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion: 41 Resp: 69034
Ion Ratio Lower Upper
41 100
39 70.8 56.3 84.5
76 47.6 38.9 58.3





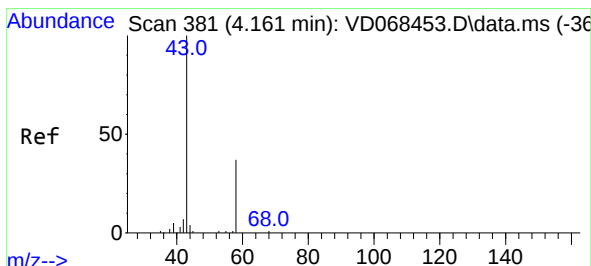
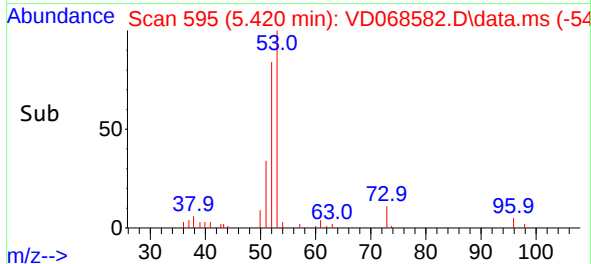
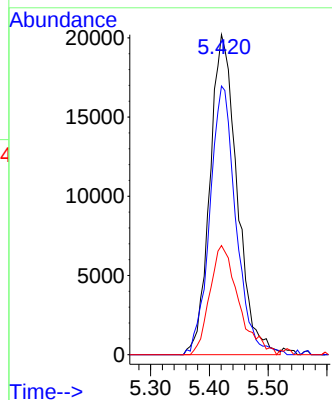
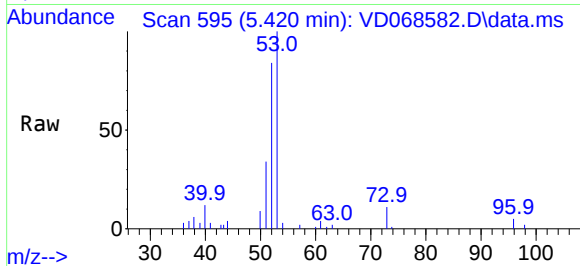
#15
Acrylonitrile
Concen: 114.40 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 53	Resp: 65076
Ion Ratio	Lower Upper
53 100	
52 80.6	66.2 99.2
51 36.2	29.0 43.4

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

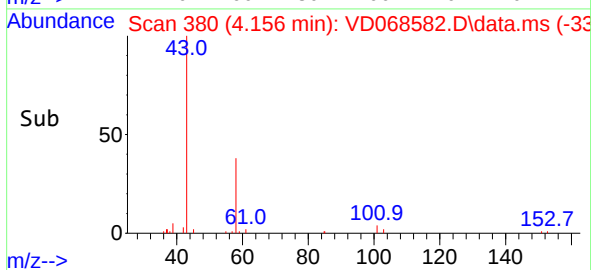
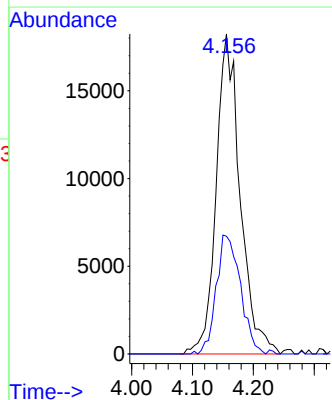
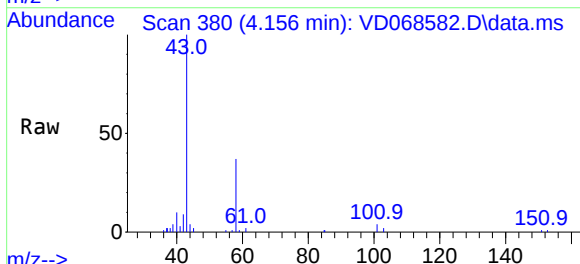
Manual Integrations
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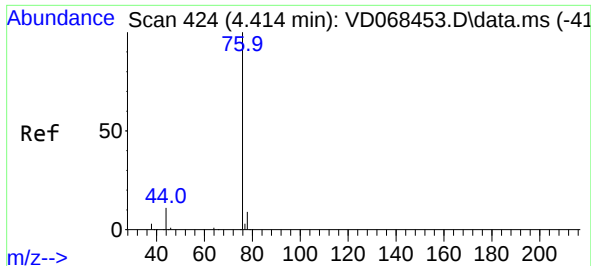
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#16
Acetone
Concen: 115.36 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 43	Resp: 49892
Ion Ratio	Lower Upper
43 100	
58 36.8	24.2 36.4#





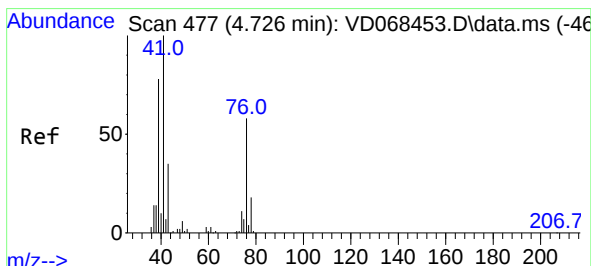
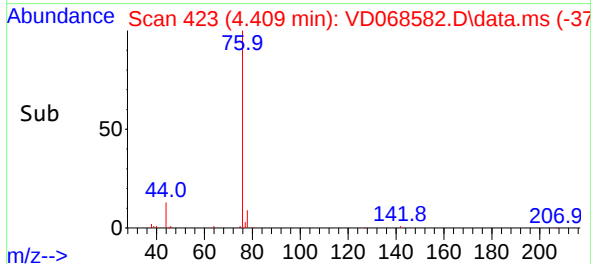
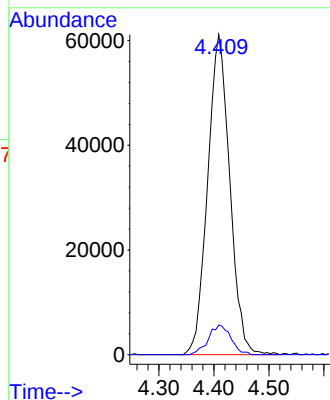
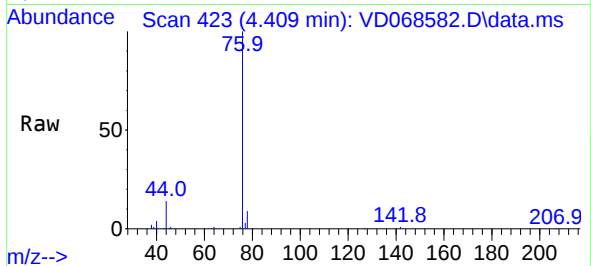
#17
Carbon Disulfide
Concen: 19.07 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 76 Resp: 170964
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

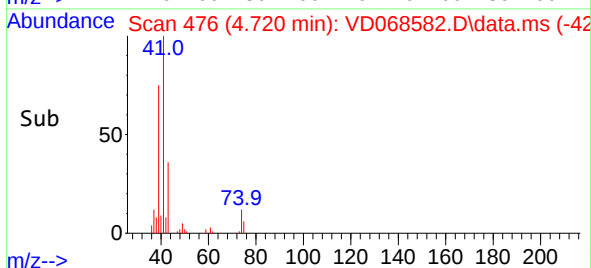
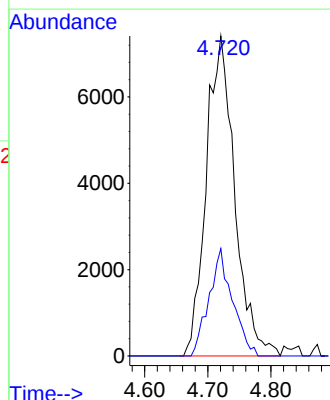
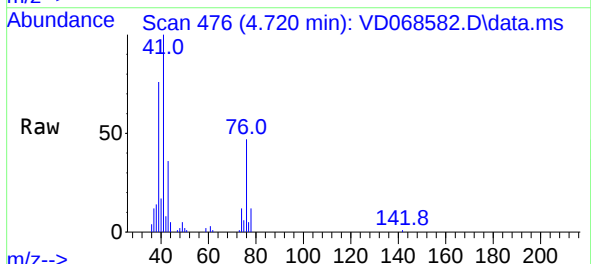
Manual Integrations
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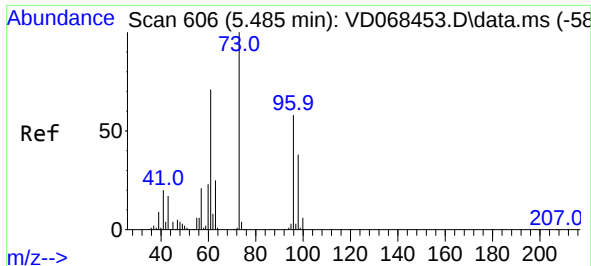
MMDadoda
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#18
Methyl Acetate
Concen: 20.84 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

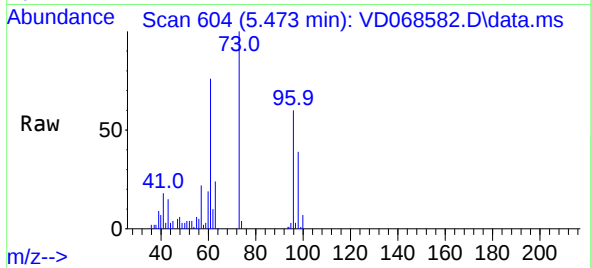
Tgt Ion: 43 Resp: 23235
Ion Ratio Lower Upper
43 100
74 27.6 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 23.27 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

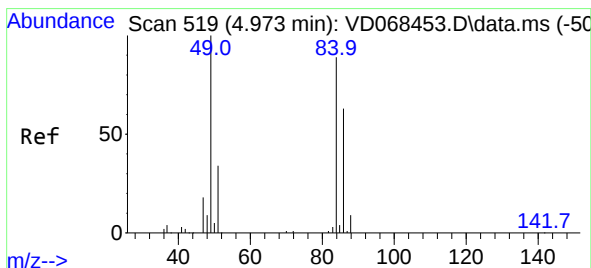
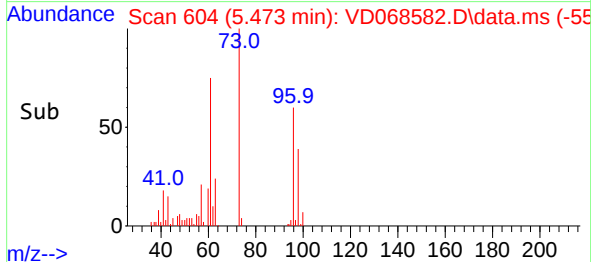
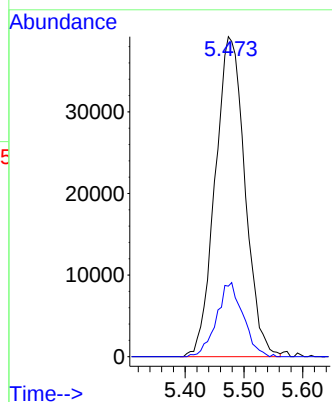
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



Tgt Ion: 73 Resp: 138049
Ion Ratio Lower Upper
73 100
57 22.1 14.4 21.6#

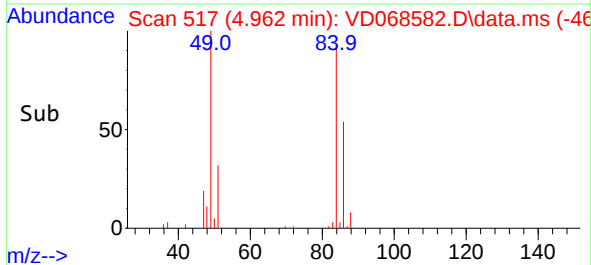
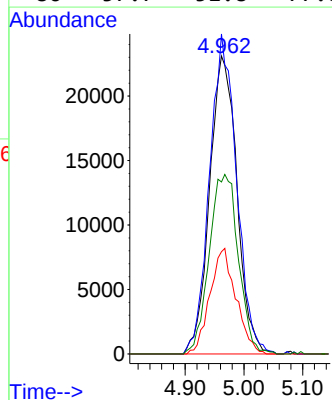
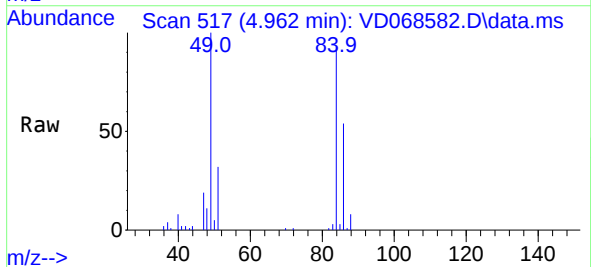
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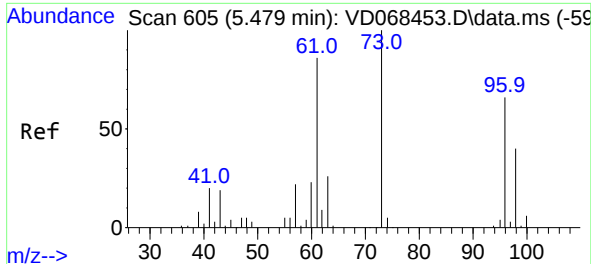
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#20
Methylene Chloride
Concen: 20.63 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 84 Resp: 74626
Ion Ratio Lower Upper
84 100
49 107.4 77.4 116.2
51 34.3 26.1 39.1
86 57.7 51.8 77.8





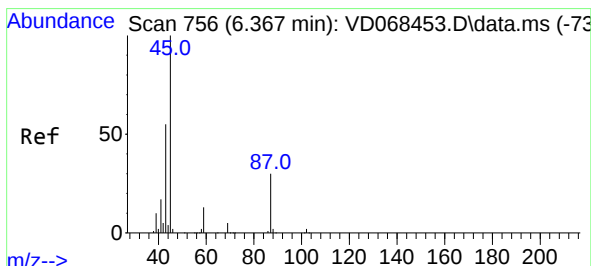
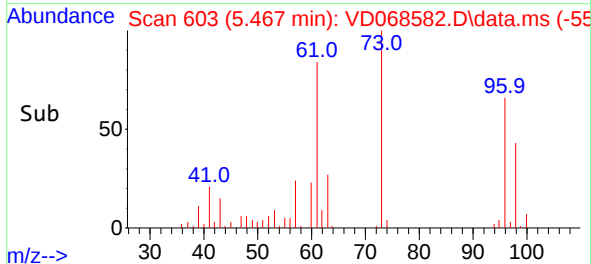
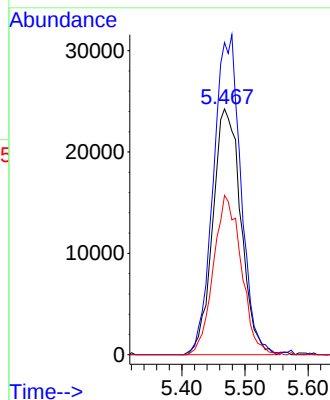
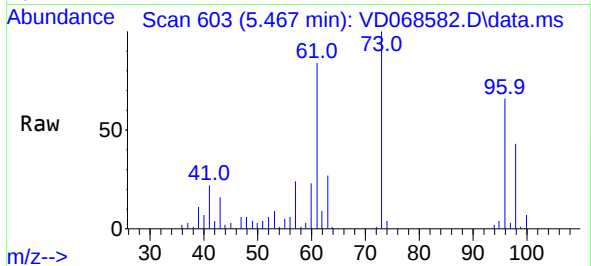
#21
trans-1,2-Dichloroethene
Concen: 23.00 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	96	Resp:	75148
Ion	Ratio	Lower	Upper
96	100		
61	127.0	96.7	145.1
98	64.8	47.6	71.4

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

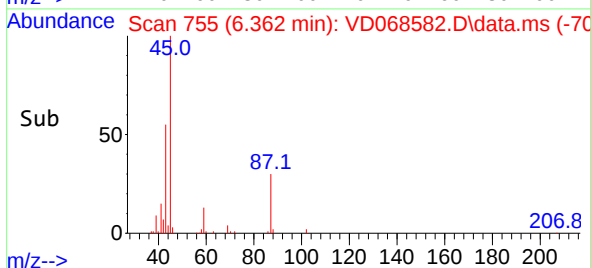
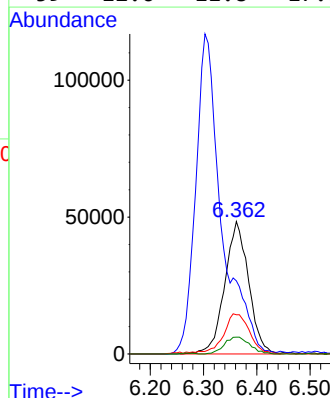
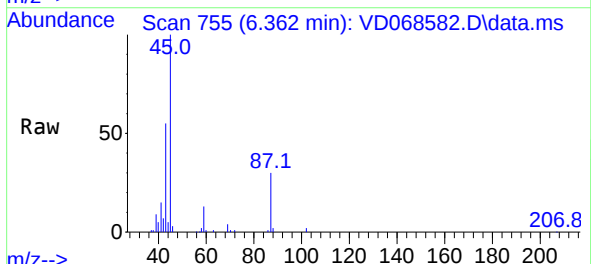
Manual Integrations
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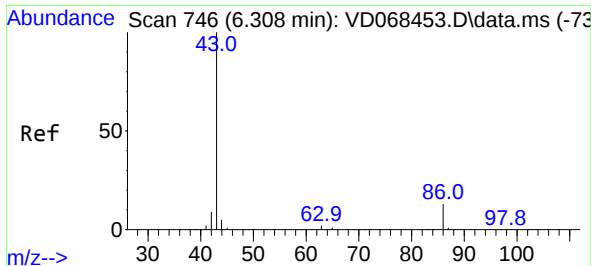
MMDadoda
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#22
Diisopropyl ether
Concen: 19.39 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	45	Resp:	150902
Ion	Ratio	Lower	Upper
45	100		
43	53.2	43.9	65.9
87	29.6	29.9	44.9#
59	12.6	11.8	17.8





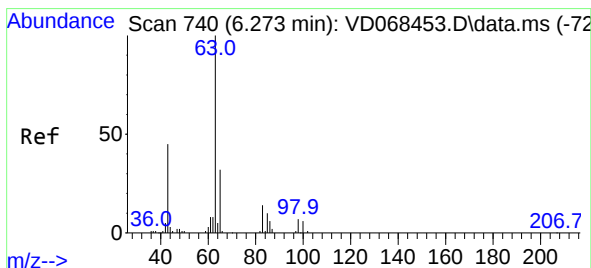
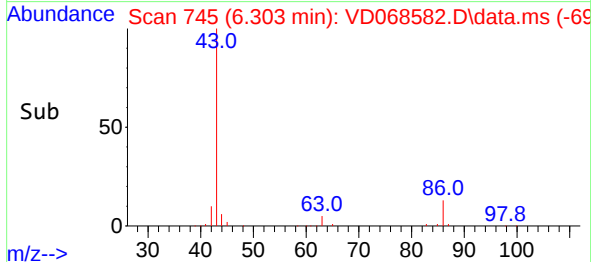
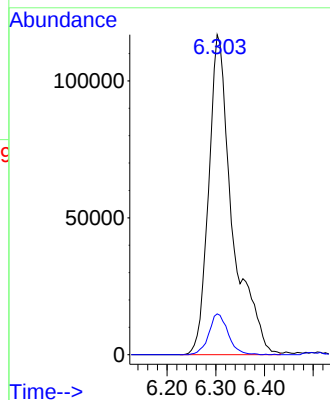
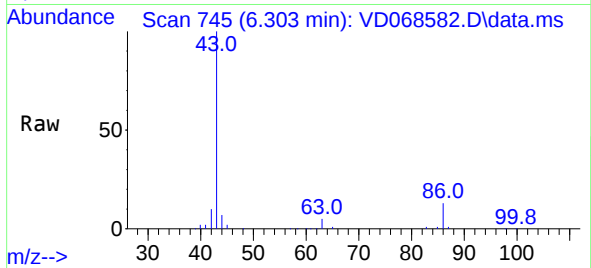
#23
 Vinyl Acetate
 Concen: 97.83 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068582.D
 Acq: 11 Mar 2021 13:41

Tgt Ion: 43 Resp: 394938
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBSD01

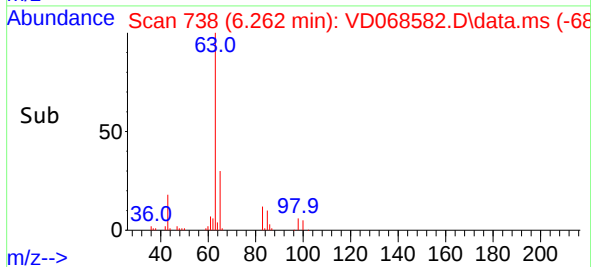
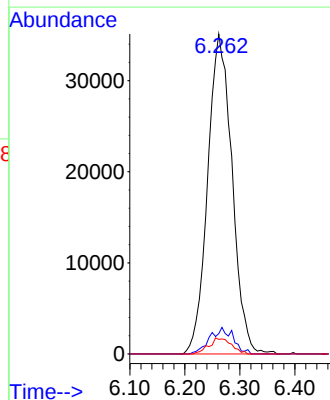
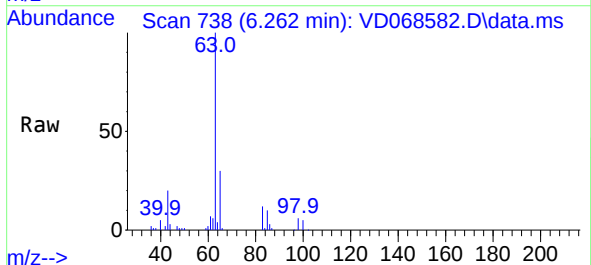
Manual Integrations
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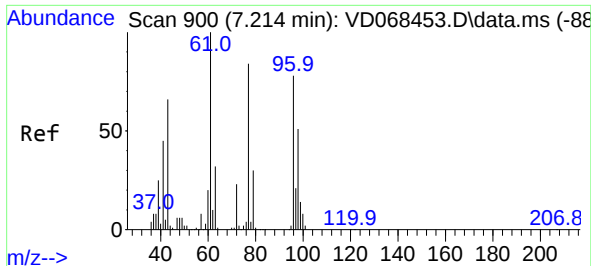
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.29 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.011 min
 Lab File: VD068582.D
 Acq: 11 Mar 2021 13:41

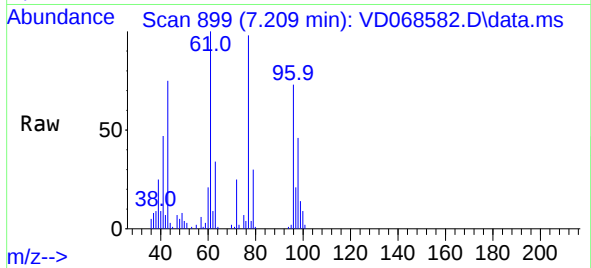
Tgt Ion: 63 Resp: 108202
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 4.5 2.6 8.0





#25
2-Butanone
Concen: 105.18 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

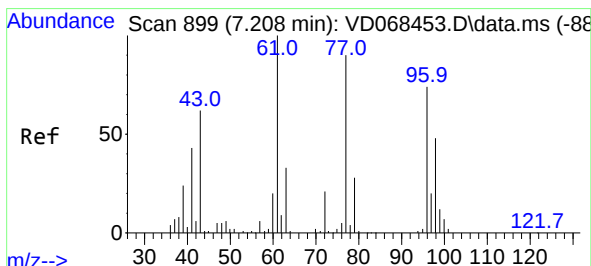
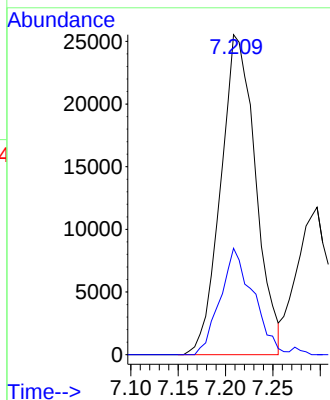
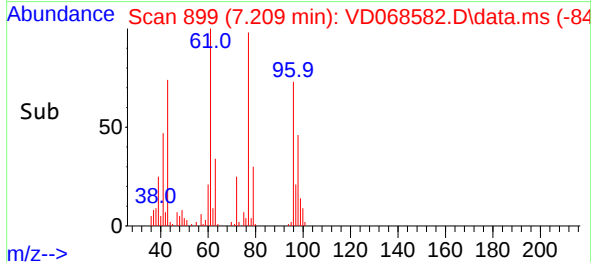
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



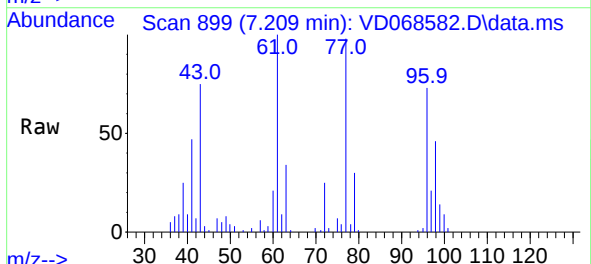
Tgt Ion: 43 Resp: 65392
Ion Ratio Lower Upper
43 100
72 33.3 25.1 37.7

Manual Integrations
APPROVED

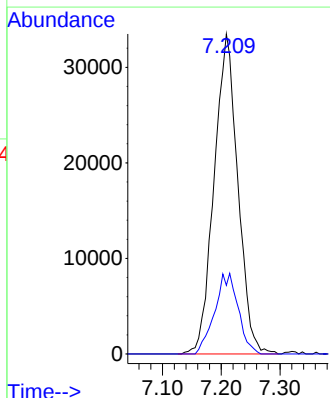
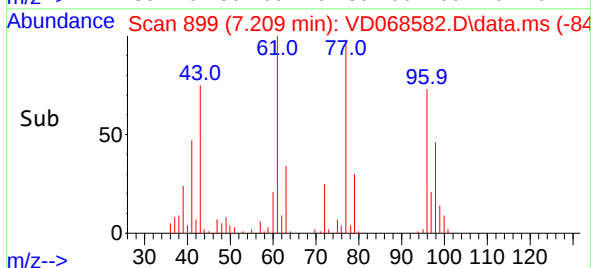
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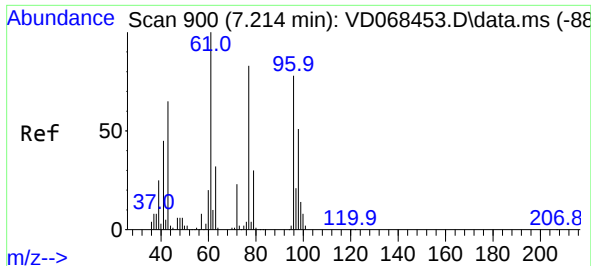


#26
2,2-Dichloropropane
Concen: 21.15 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



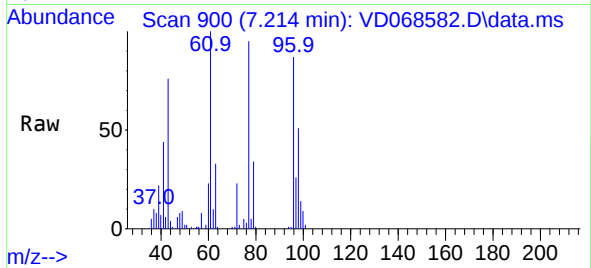
Tgt Ion: 77 Resp: 93968
Ion Ratio Lower Upper
77 100
97 24.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.13 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

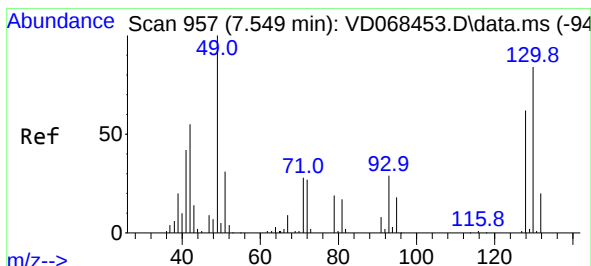
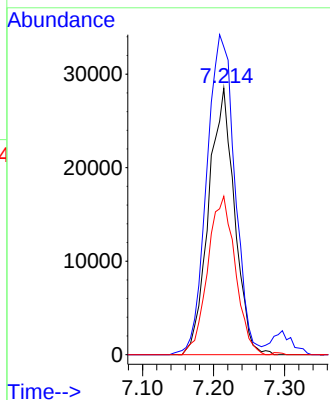
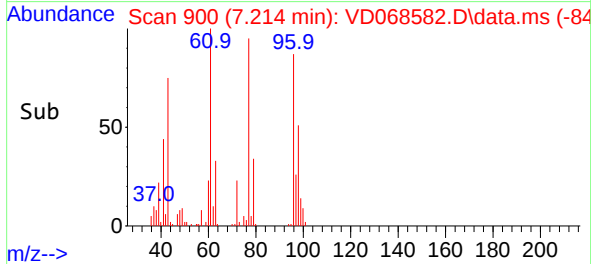
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



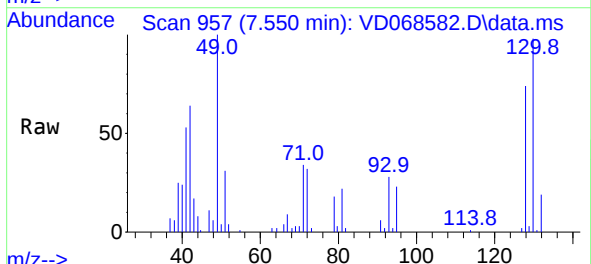
Tgt Ion: 96 Resp: 72200
Ion Ratio Lower Upper
96 100
61 130.6 0.0 257.4
98 63.3 0.0 126.6

Manual Integrations
APPROVED

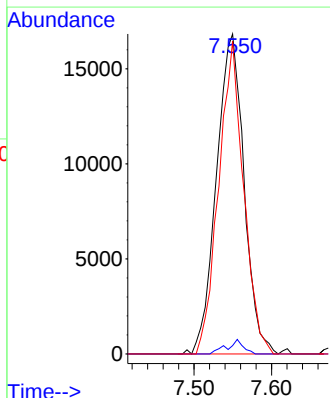
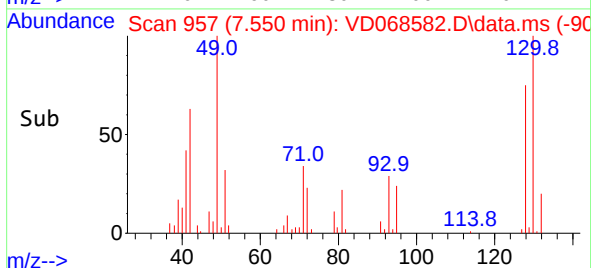
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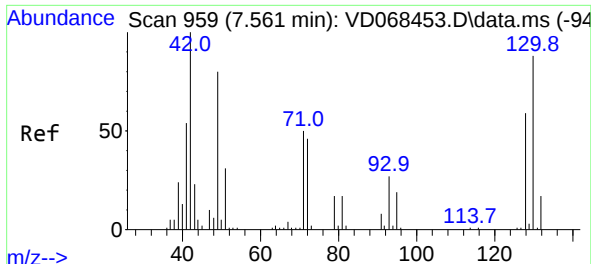


#28
Bromochloromethane
Concen: 20.01 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

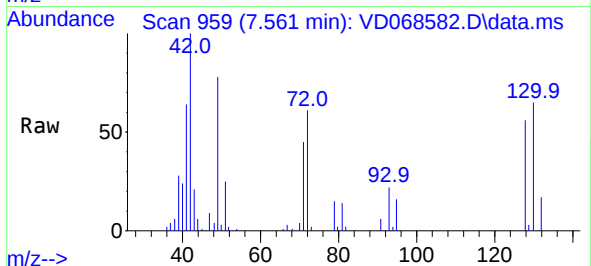


Tgt Ion: 49 Resp: 41651
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 88.2 85.5 128.3



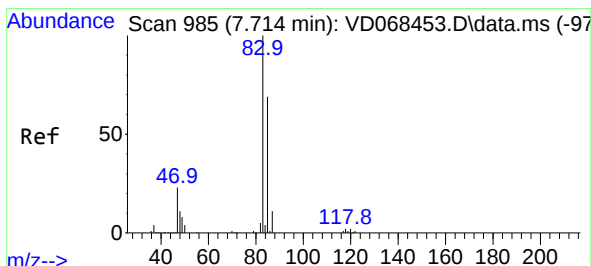
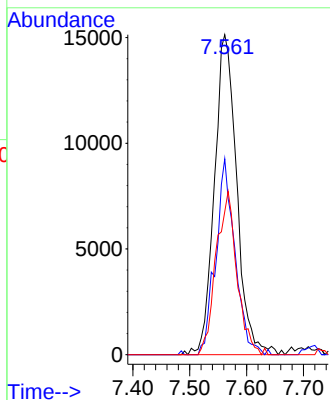
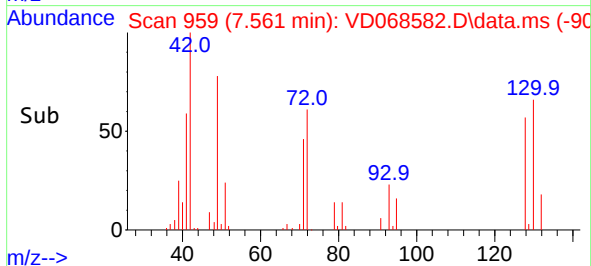


#29
Tetrahydrofuran
Concen: 102.43 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

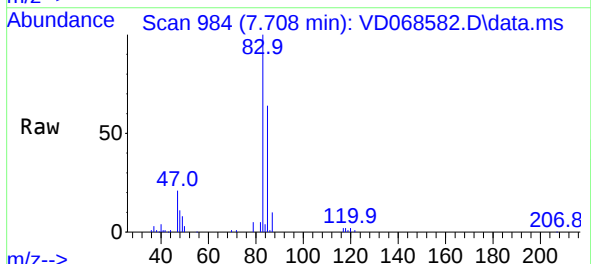


Tgt Ion: 42 Resp: 41351

Ion	Ratio	Lower	Upper
42	100		
72	52.6	43.4	65.0
71	47.7	40.8	61.2

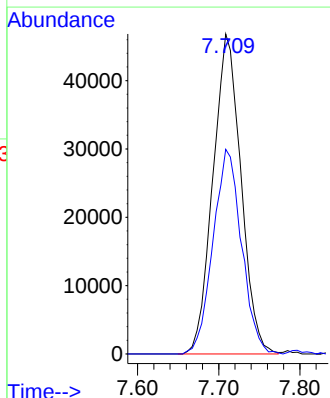
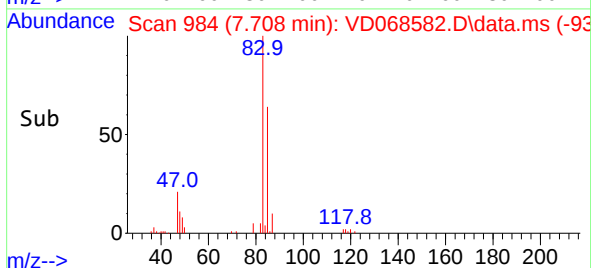


#30
Chloroform
Concen: 19.93 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion: 83 Resp: 112240

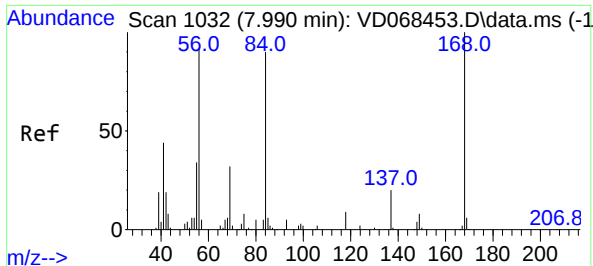
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.4	80.0



Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

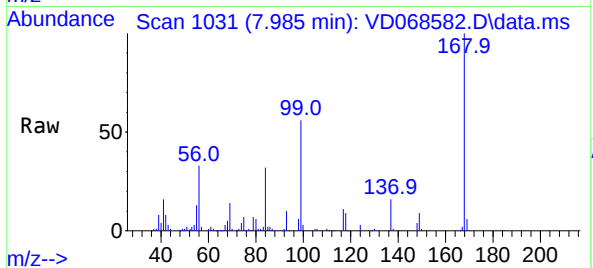
Manual Integrations
APPROVED

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3/12/2021 2:01:25 PM



#31
Cyclohexane
Concen: 19.49 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

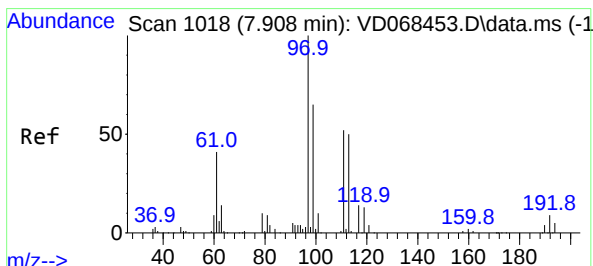
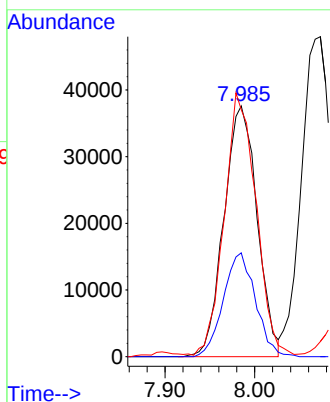
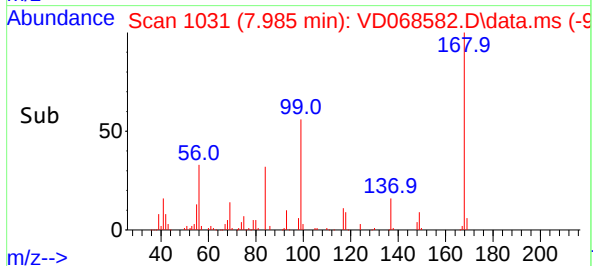
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



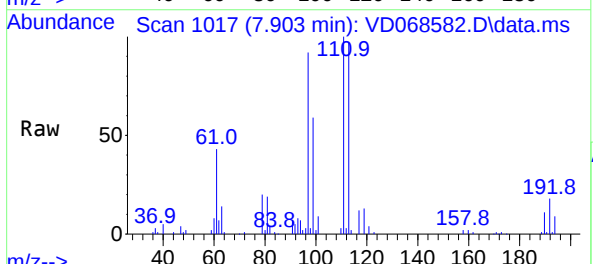
Tgt Ion: 56 Resp: 96521
Ion Ratio Lower Upper
56 100
69 41.4 30.1 45.1
84 97.5 82.1 123.1

Manual Integrations
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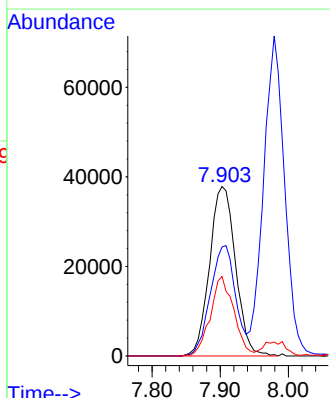
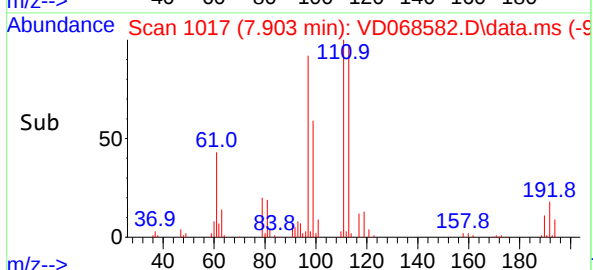
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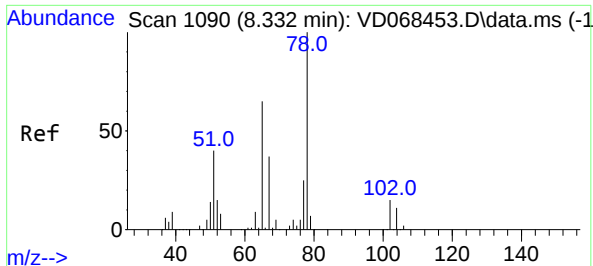


#32
1,1,1-Trichloroethane
Concen: 20.84 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion: 97 Resp: 100176
Ion Ratio Lower Upper
97 100
99 63.3 52.1 78.1
61 42.5 30.1 45.1





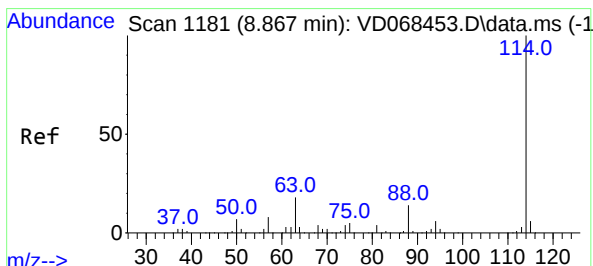
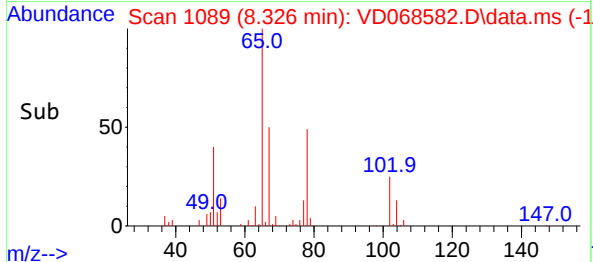
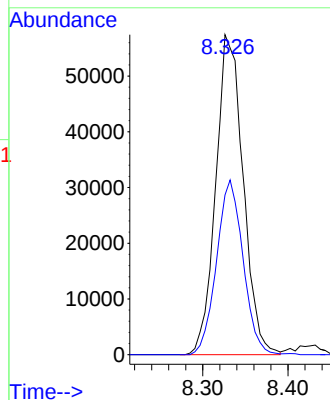
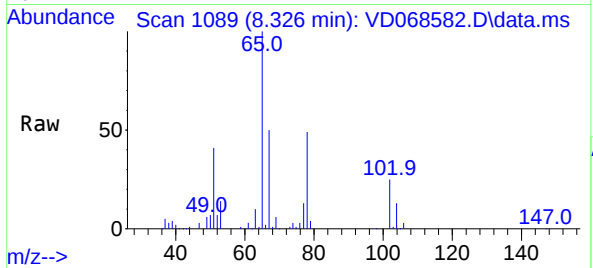
#33
1,2-Dichloroethane-d4
Concen: 47.08 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 65 Resp: 128184
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

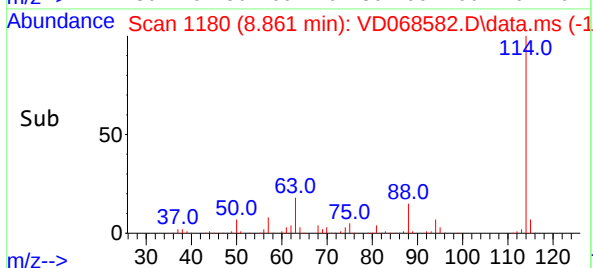
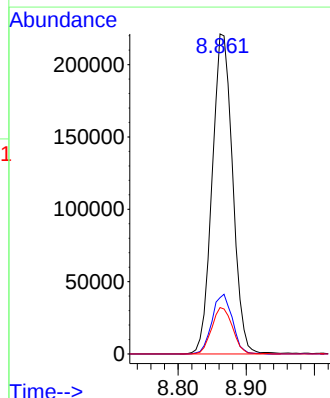
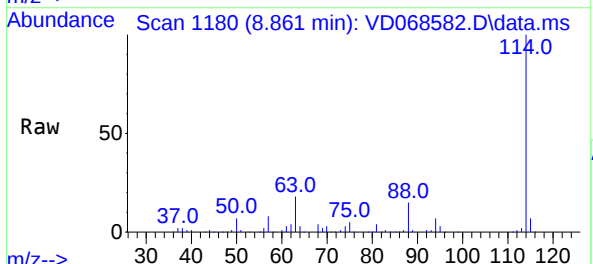
Manual Integrations
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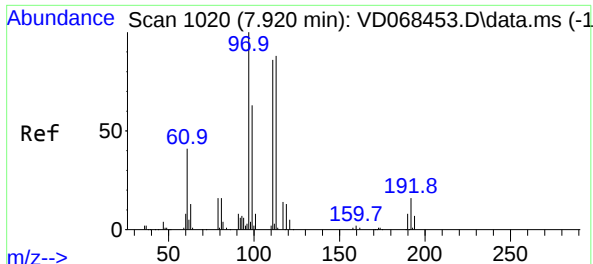
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 114 Resp: 462937
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.8
88 14.5 0.0 31.6





#35

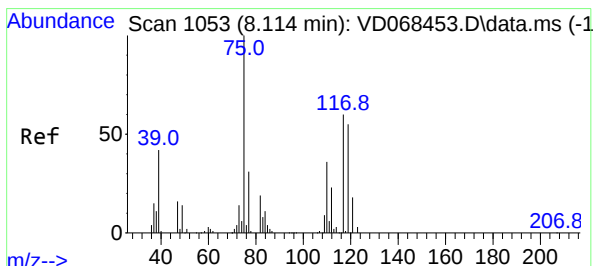
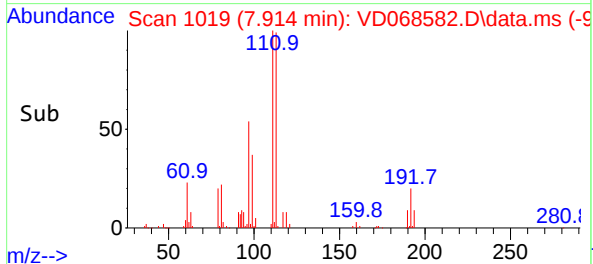
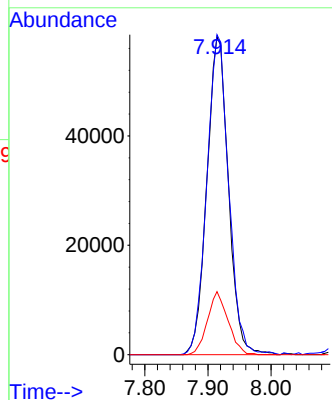
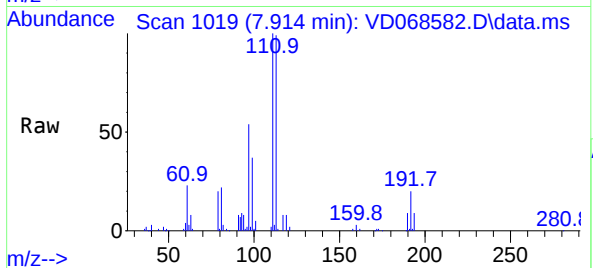
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:113 Resp: 137709
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.0 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Manual Integrations
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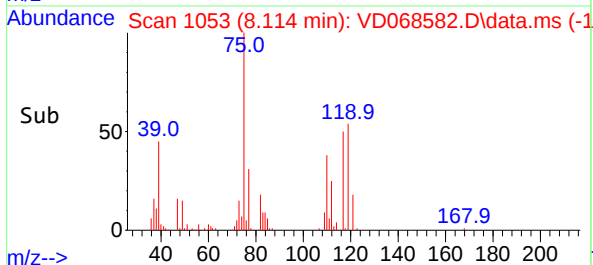
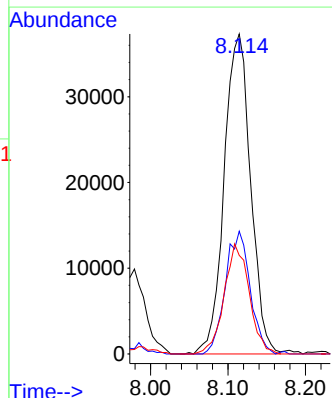
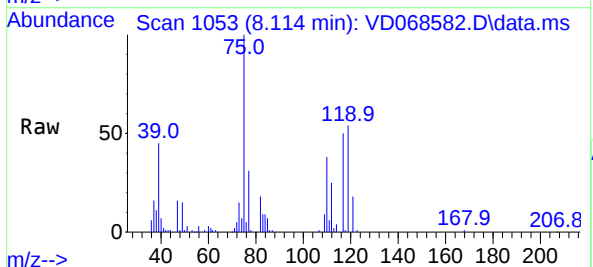
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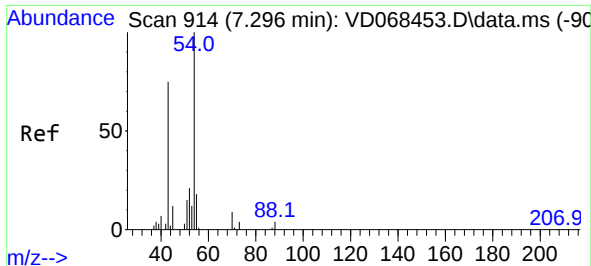


#36

1,1-Dichloropropene
Concen: 20.14 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

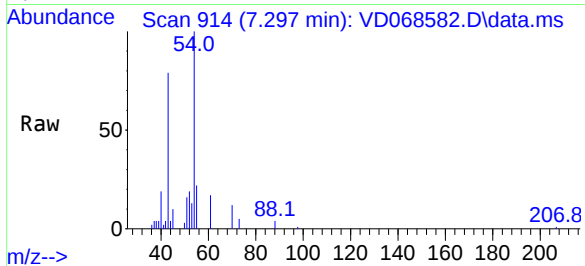
Tgt Ion: 75 Resp: 88616
Ion Ratio Lower Upper
75 100
110 36.0 19.4 58.2
77 32.7 25.3 37.9





#37
Ethyl Acetate
Concen: 21.18 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

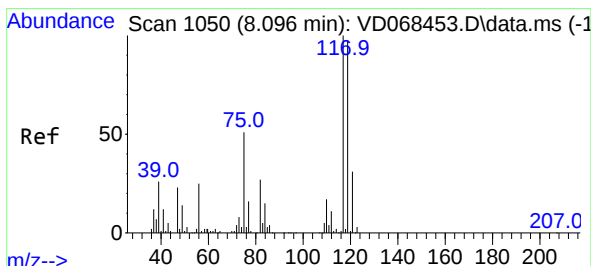
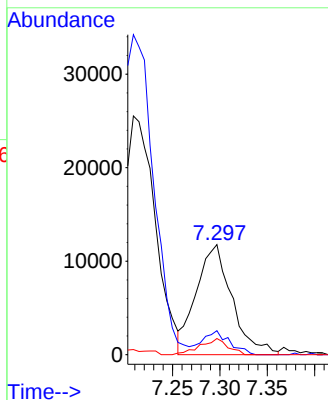
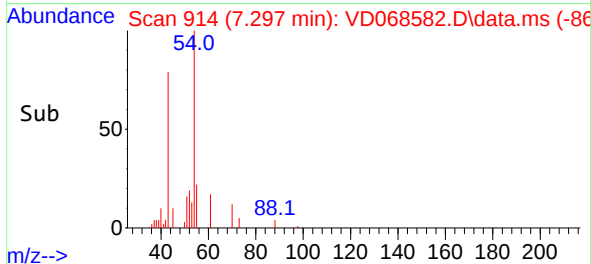
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



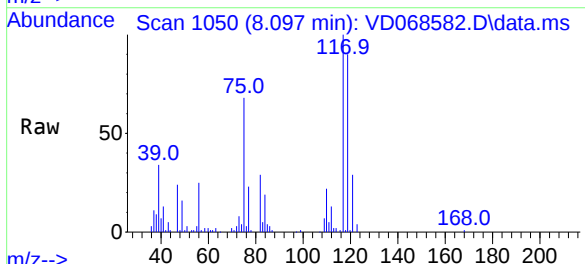
Tgt Ion: 43 Resp: 30917
Ion Ratio Lower Upper
43 100
61 16.7 12.9 19.3
70 11.2 11.0 16.6

Manual Integrations
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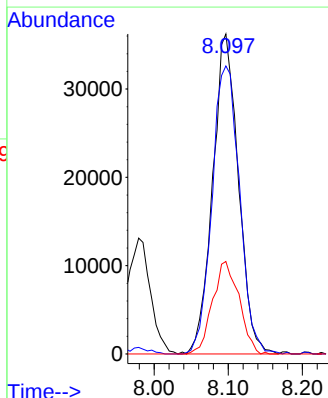
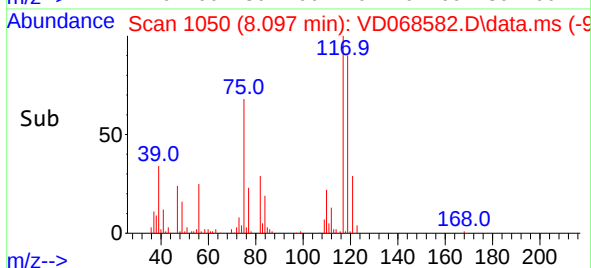
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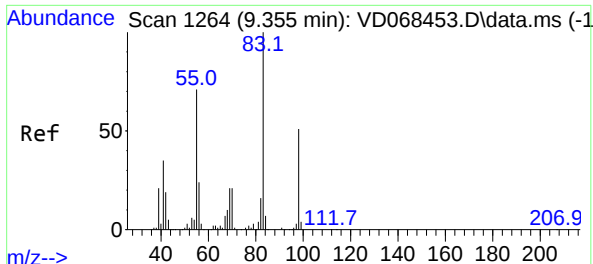


#38
Carbon Tetrachloride
Concen: 21.16 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



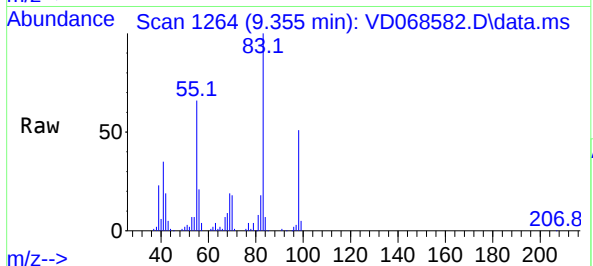
Tgt Ion: 117 Resp: 87487
Ion Ratio Lower Upper
117 100
119 90.0 77.3 115.9
121 28.9 24.7 37.1





#39
Methylcyclohexane
Concen: 19.94 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

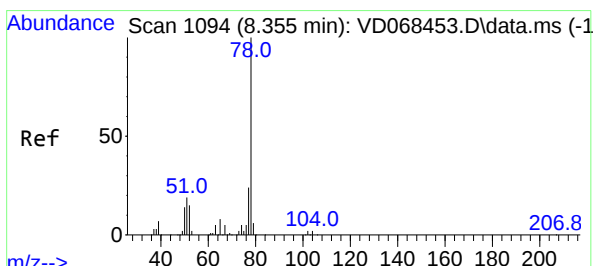
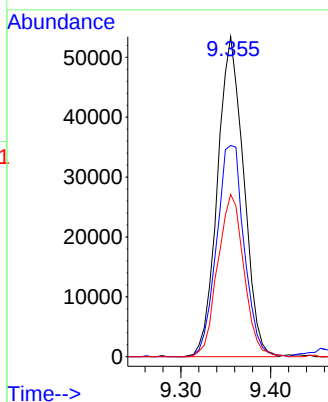
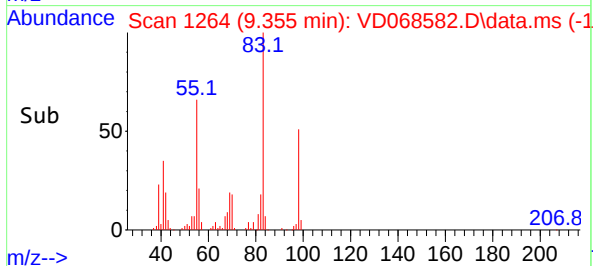
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



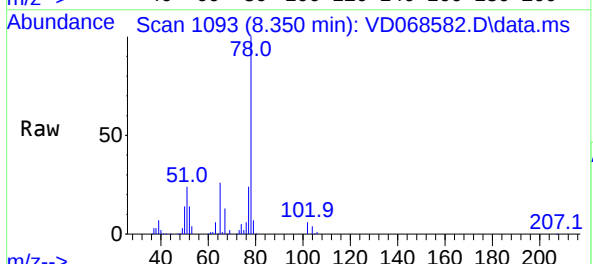
Tgt Ion: 83 Resp: 108192
Ion Ratio Lower Upper
83 100
55 66.0 55.2 82.8
98 50.7 39.1 58.7

Manual Integrations
APPROVED

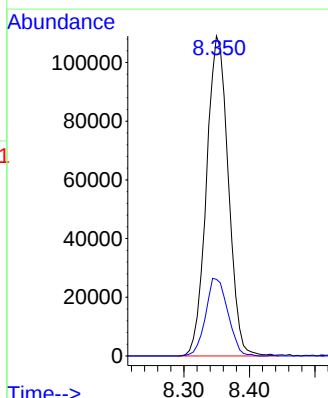
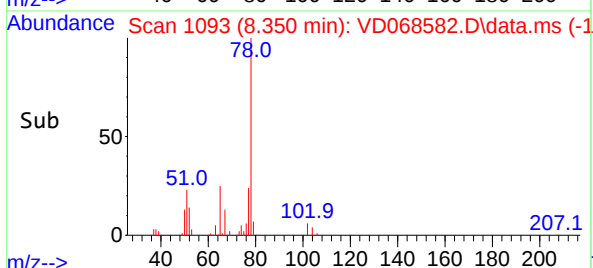
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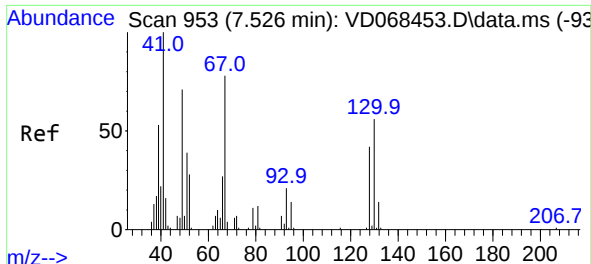


#40
Benzene
Concen: 19.99 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



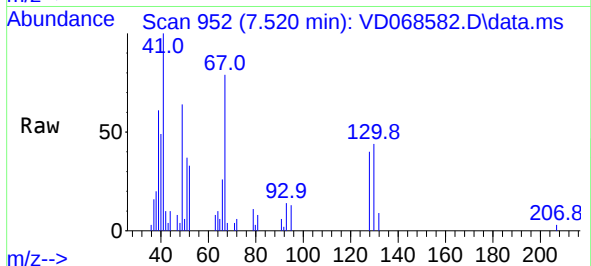
Tgt Ion: 78 Resp: 252288
Ion Ratio Lower Upper
78 100
77 23.9 17.8 26.6





#41
Methacrylonitrile
Concen: 20.22 ug/l m
RT: 7.520 min Scan# 952
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

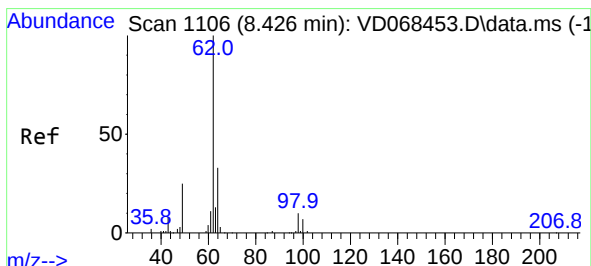
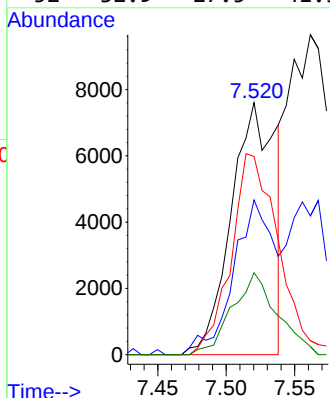
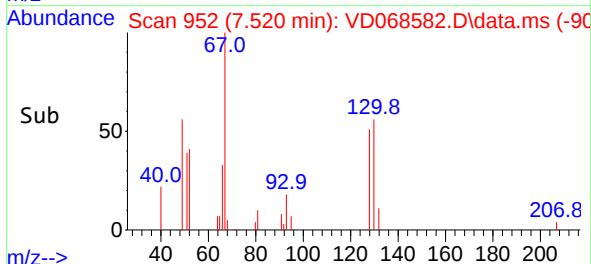
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



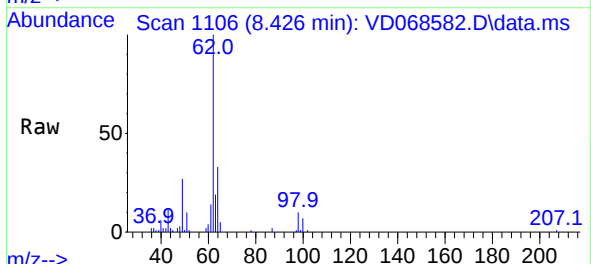
Tgt Ion:	41	Resp:	17139
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.2	67.8
67	84.7	67.4	101.2
52	32.9	27.5	41.3

Manual Integrations
APPROVED

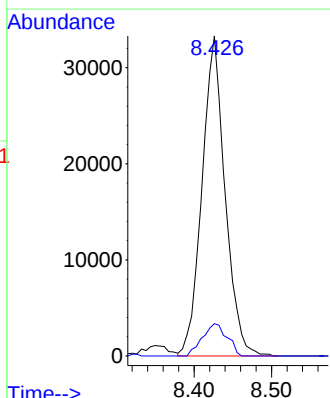
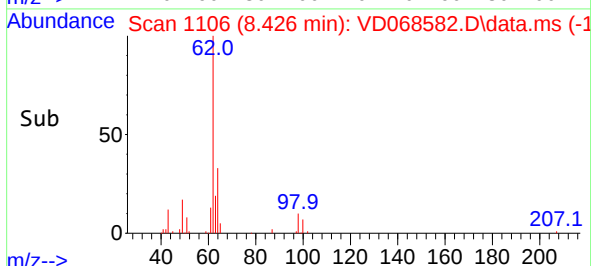
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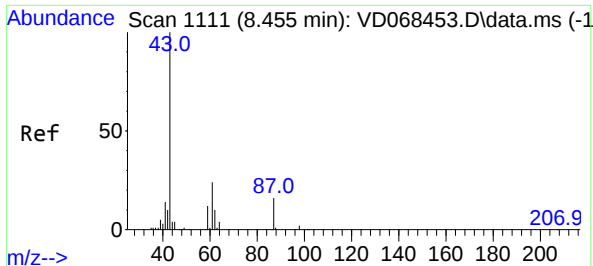


#42
1,2-Dichloroethane
Concen: 20.76 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



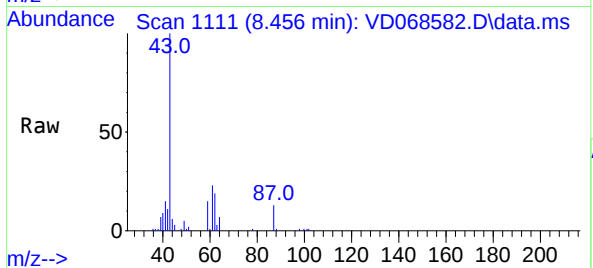
Tgt Ion:	62	Resp:	68912
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43
Isopropyl Acetate
Concen: 20.73 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

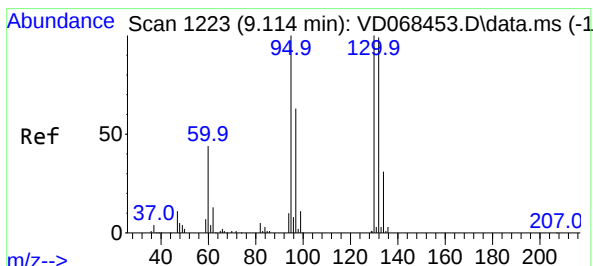
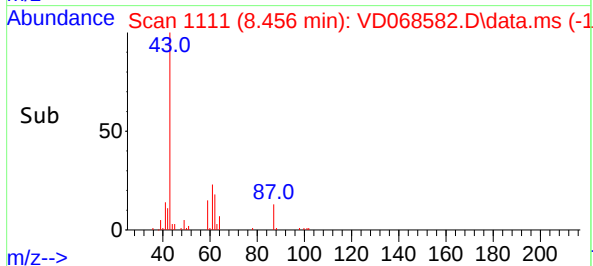
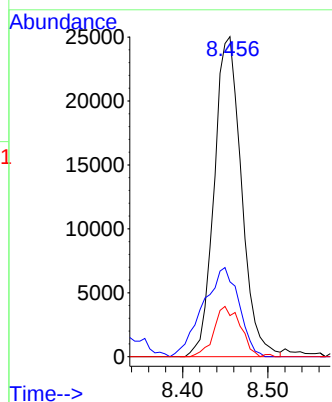
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



Tgt Ion: 43 Resp: 55624
Ion Ratio Lower Upper
43 100
61 36.8 28.7 43.1
87 15.4 13.9 20.9

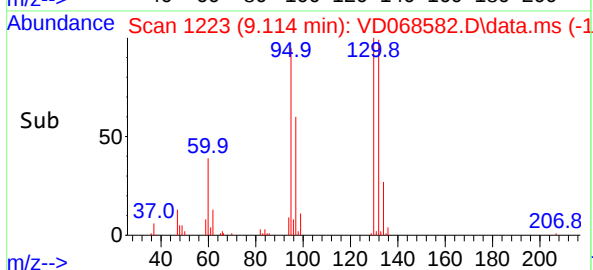
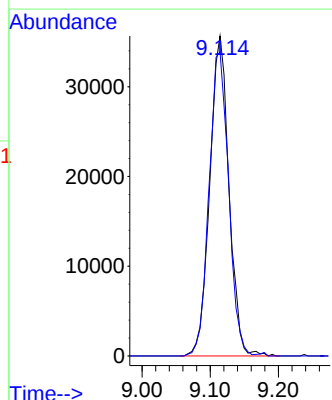
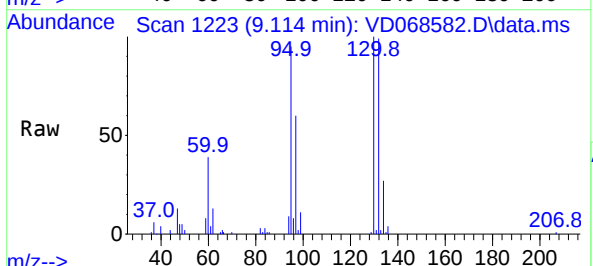
Manual Integrations
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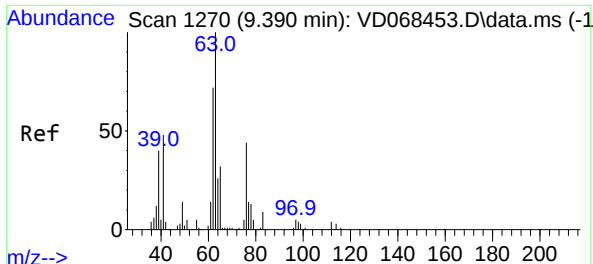
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#44
Trichloroethene
Concen: 20.20 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 130 Resp: 70003
Ion Ratio Lower Upper
130 100
95 95.0 0.0 191.2





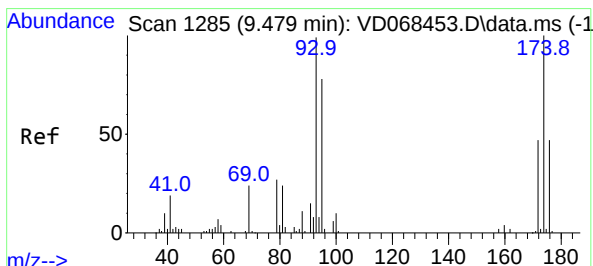
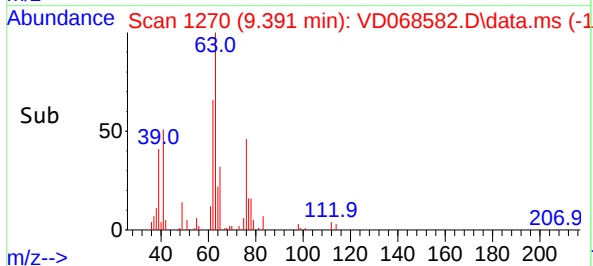
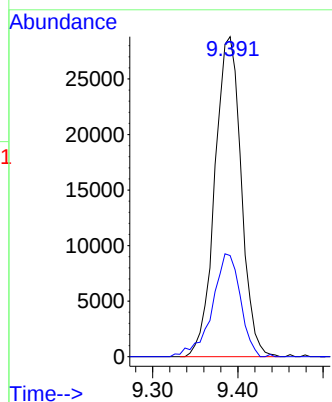
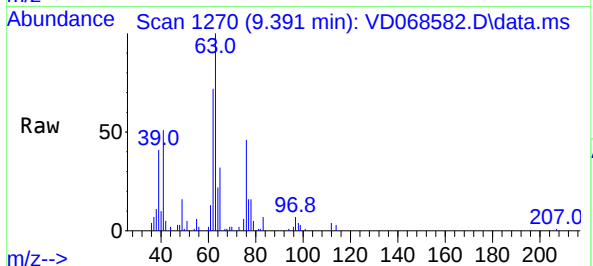
#45
1,2-Dichloropropane
Concen: 20.50 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 63 Resp: 61848
Ion Ratio Lower Upper
63 100
65 31.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

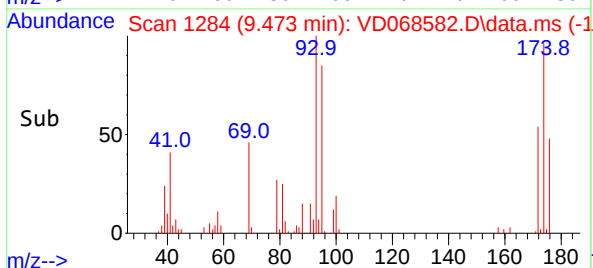
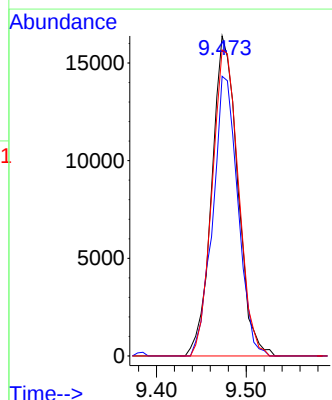
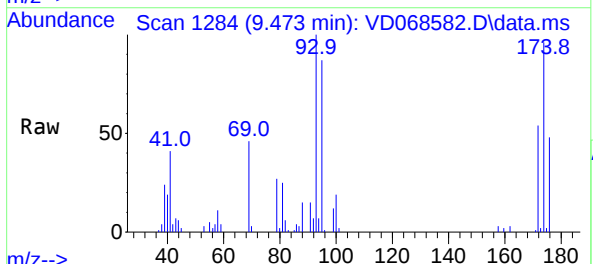
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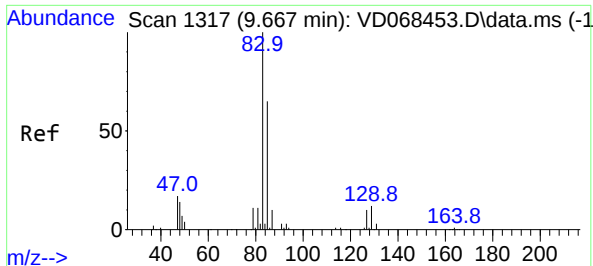
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#46
Dibromomethane
Concen: 19.96 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 93 Resp: 32771
Ion Ratio Lower Upper
93 100
95 84.9 67.3 100.9
174 97.5 84.6 127.0





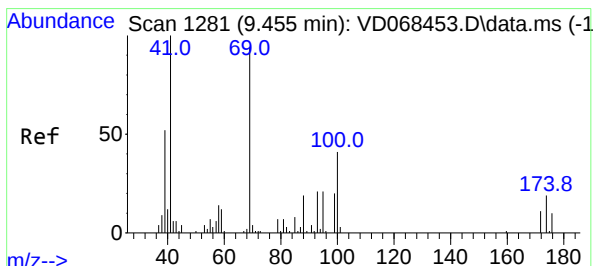
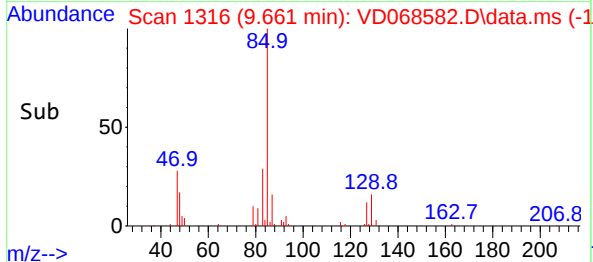
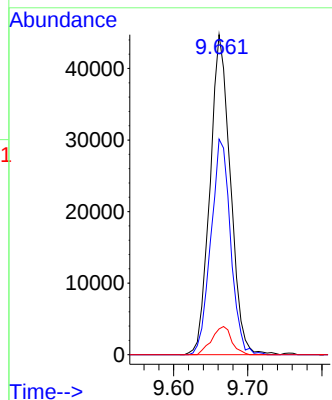
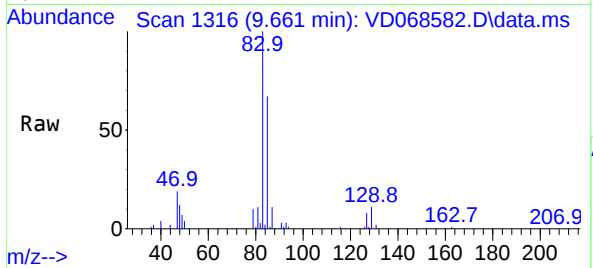
#47
Bromodichloromethane
Concen: 20.15 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	83	Resp:	85554
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.6	77.4
127	8.1	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

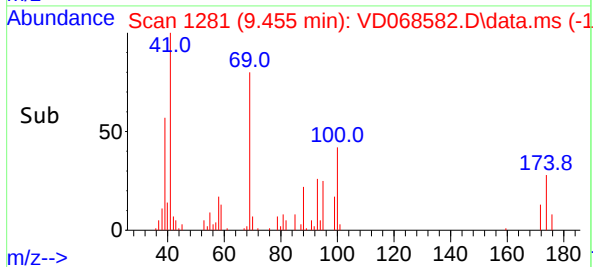
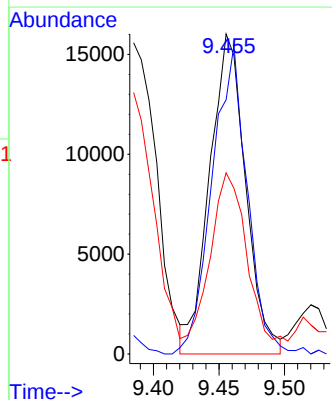
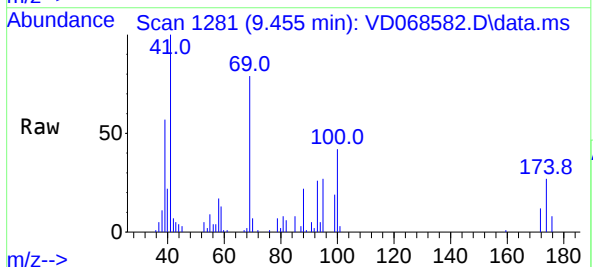
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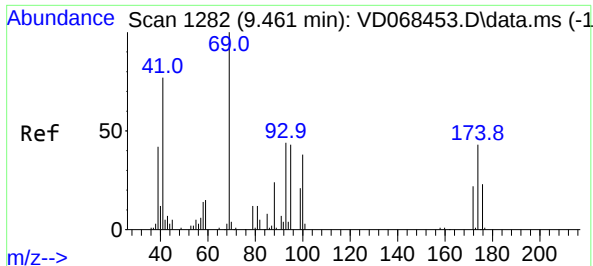
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#48
Methyl methacrylate
Concen: 21.39 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	41	Resp:	30596
Ion	Ratio	Lower	Upper
41	100		
69	94.2	77.1	115.7
39	52.8	41.5	62.3





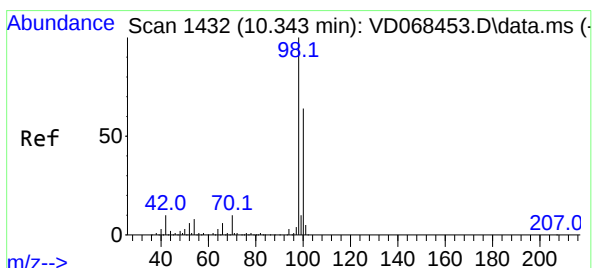
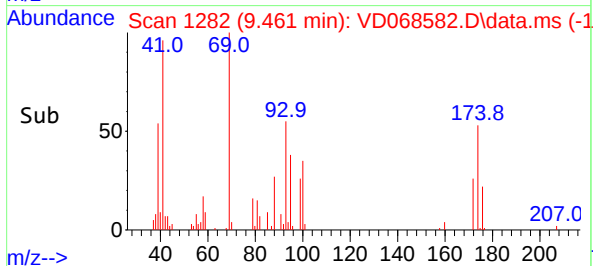
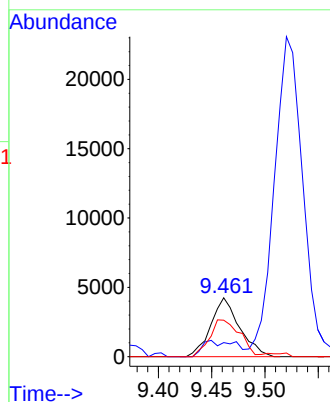
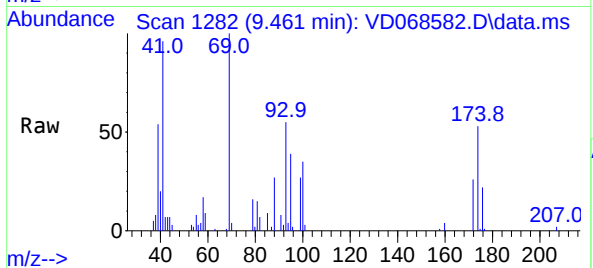
#49
1,4-Dioxane
Concen: 424.86 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 88 Resp: 7954
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 66.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampled :
VD0311SBSD01

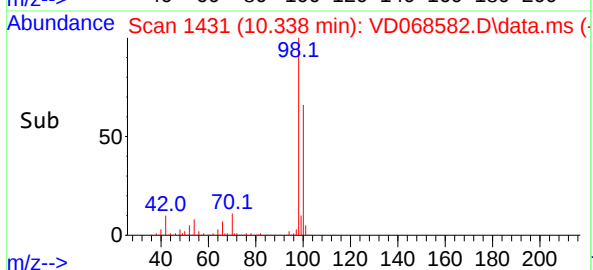
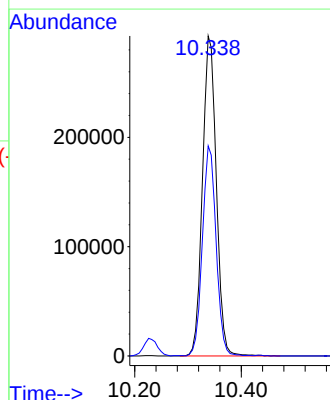
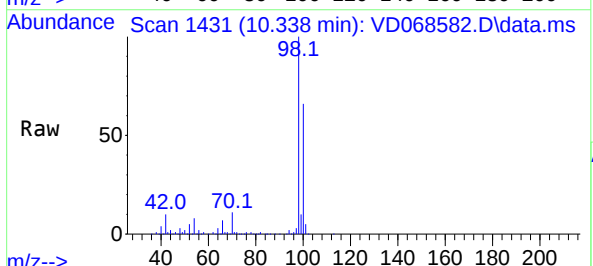
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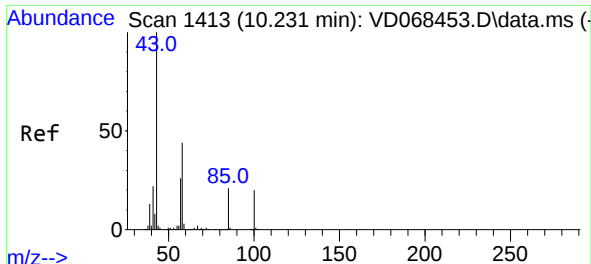
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#50
Toluene-d8
Concen: 47.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 98 Resp: 528224
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4





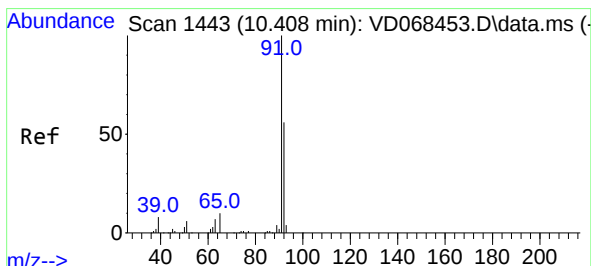
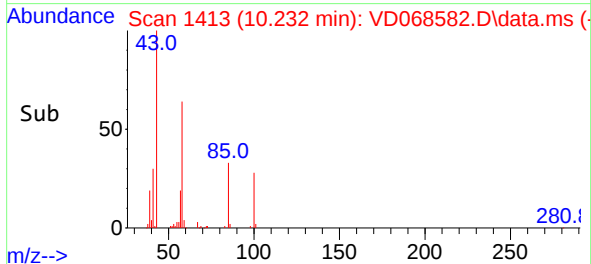
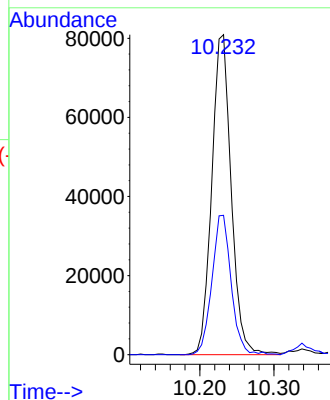
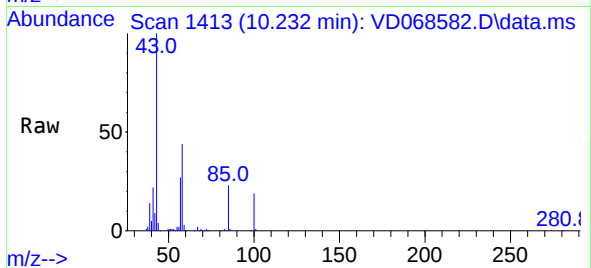
#51
4-Methyl-2-Pentanone
Concen: 104.92 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 43 Resp: 147327
Ion Ratio Lower Upper
43 100
58 43.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

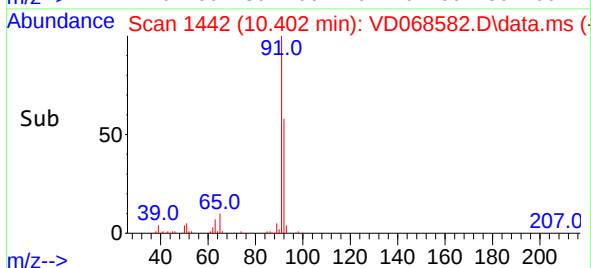
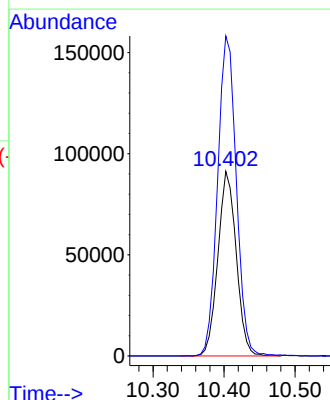
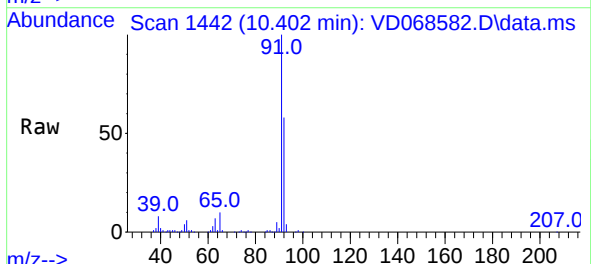
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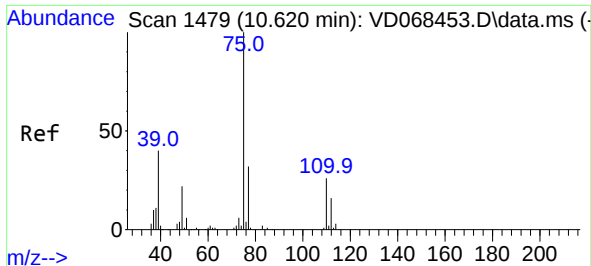
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#52
Toluene
Concen: 20.26 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 92 Resp: 163324
Ion Ratio Lower Upper
92 100
91 177.0 134.1 201.1





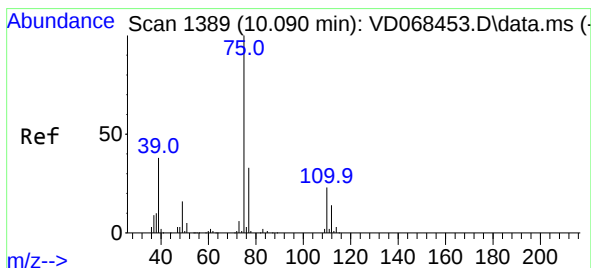
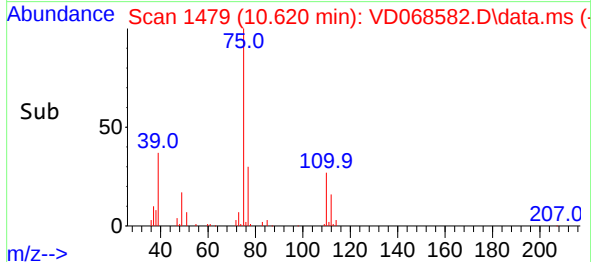
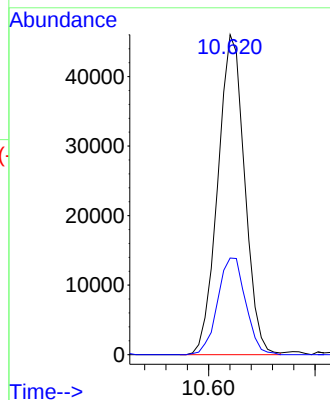
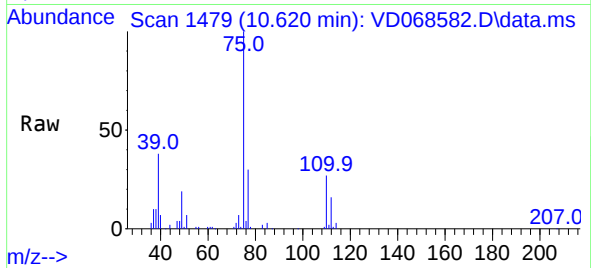
#53
t-1,3-Dichloropropene
Concen: 20.50 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 75 Resp: 80475
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

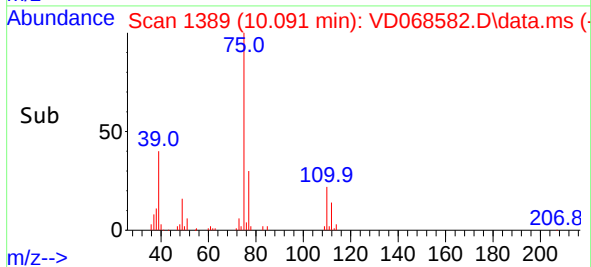
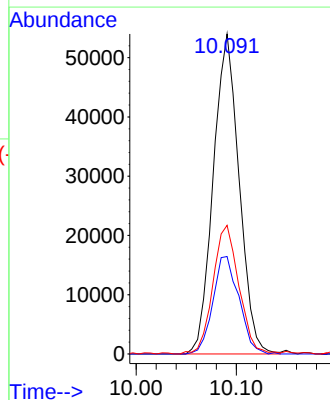
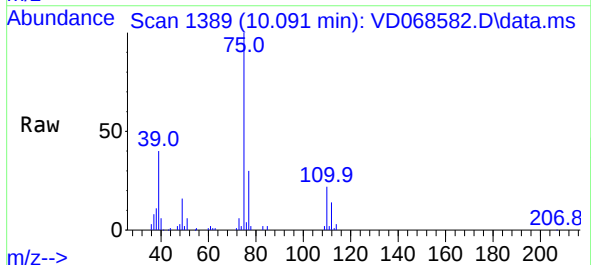
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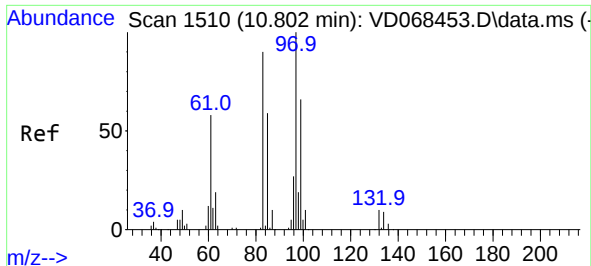
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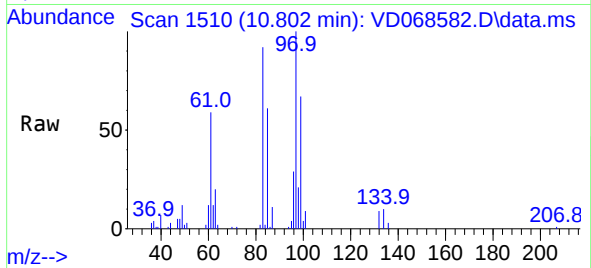
#54
cis-1,3-Dichloropropene
Concen: 20.18 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 75 Resp: 96637
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 40.2 31.4 47.0

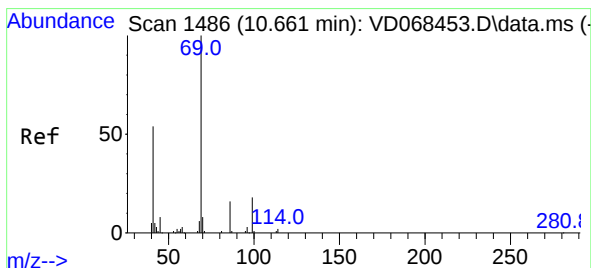
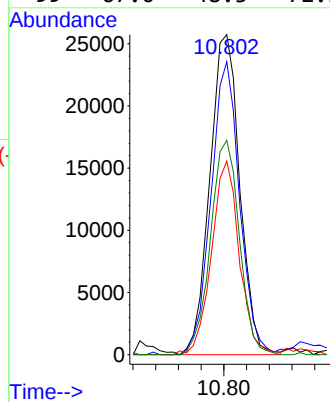
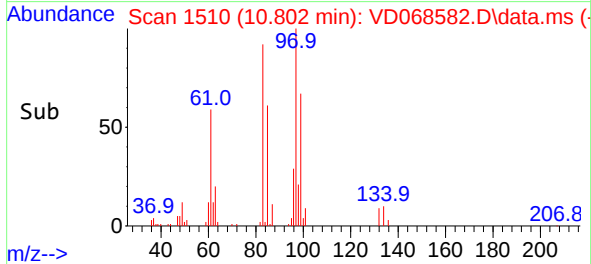




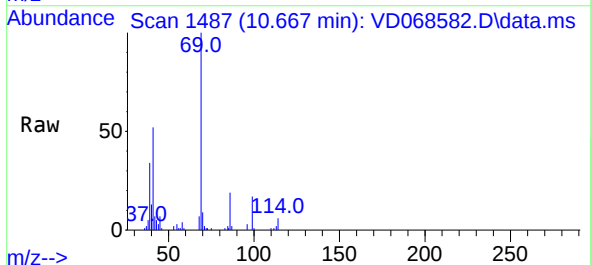
#55
1,1,2-Trichloroethane
Concen: 20.72 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



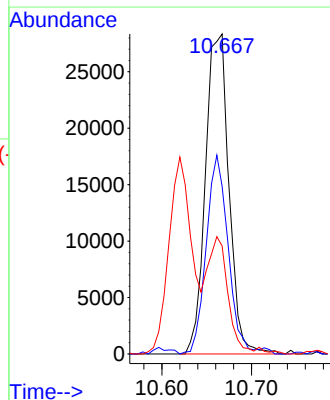
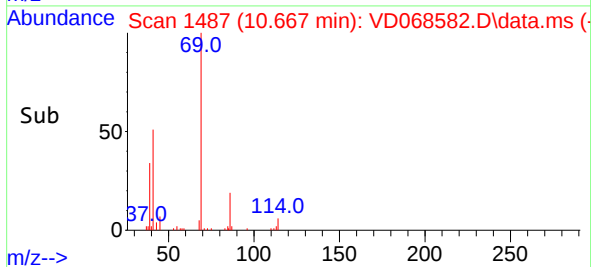
Tgt Ion:	97	Resp:	47071
Ion	Ratio	Lower	Upper
97	100		
83	91.5	61.8	92.6
85	59.7	42.2	63.2
99	67.0	48.3	72.5



#56
Ethyl methacrylate
Concen: 19.79 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



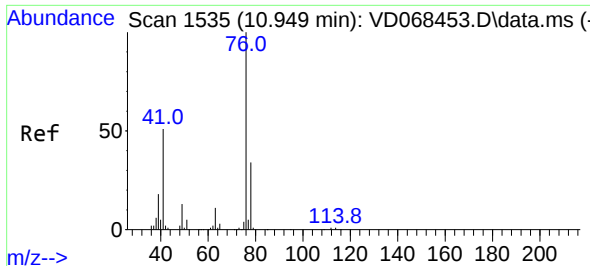
Tgt Ion:	69	Resp:	51666
Ion	Ratio	Lower	Upper
69	100		
41	57.4	44.9	67.3
39	30.8	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

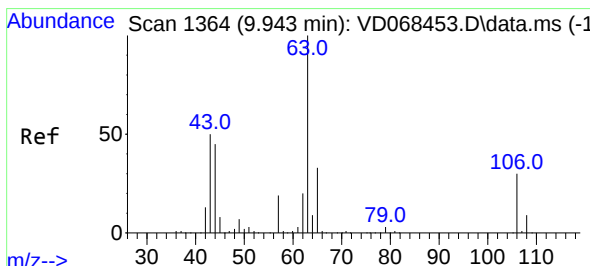
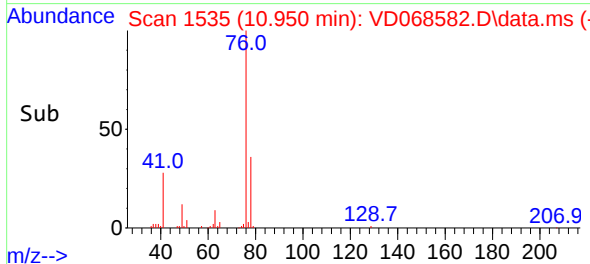
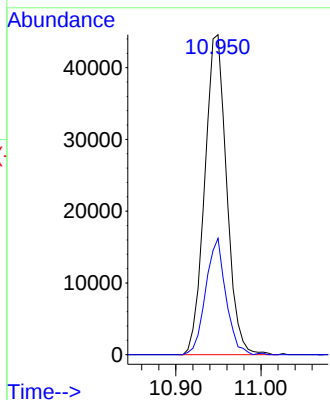
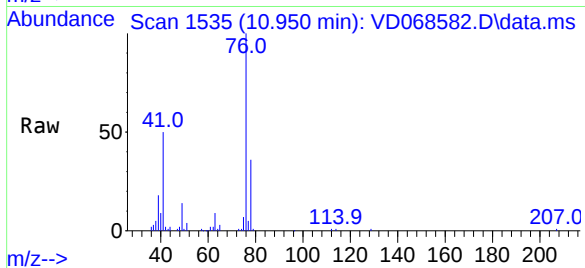
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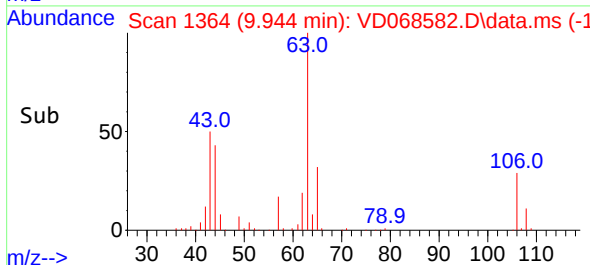
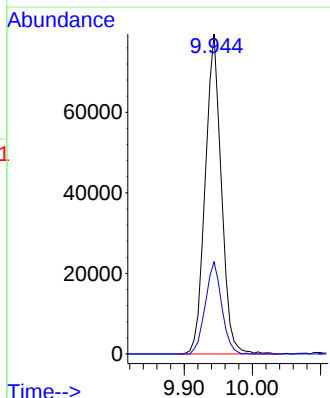
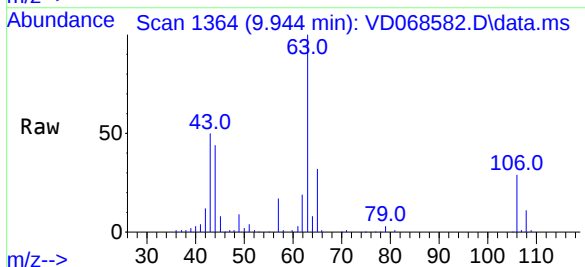
#57
1,3-Dichloropropane
Concen: 20.15 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 76 Resp: 79921
Ion Ratio Lower Upper
76 100
78 33.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 99.69 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

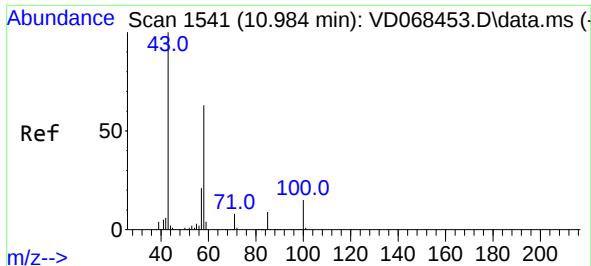
Tgt Ion: 63 Resp: 130603
Ion Ratio Lower Upper
63 100
106 29.3 27.0 40.4



Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

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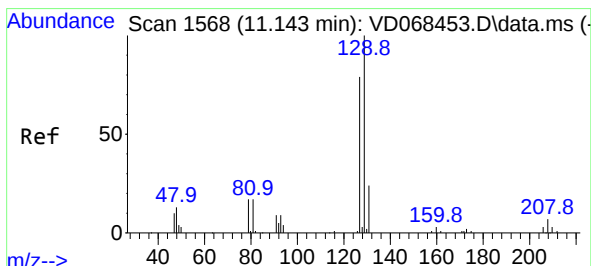
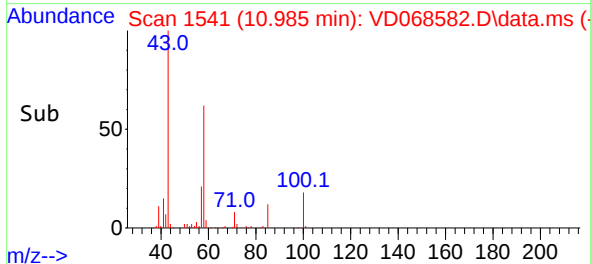
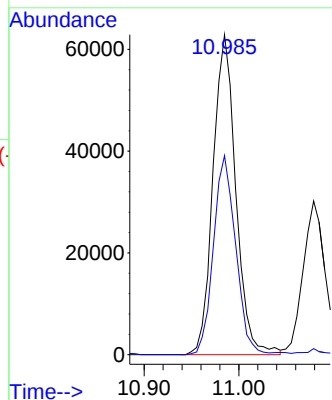
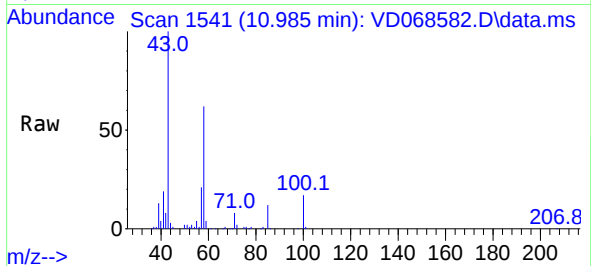
#59
2-Hexanone
Concen: 112.35 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 43 Resp: 105158
Ion Ratio Lower Upper
43 100
58 61.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

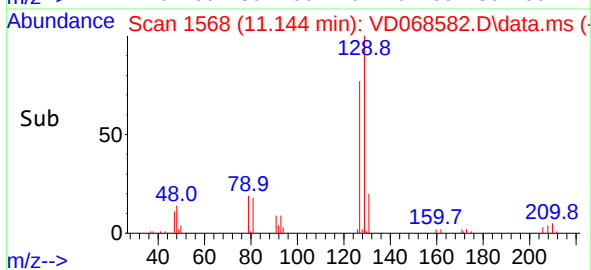
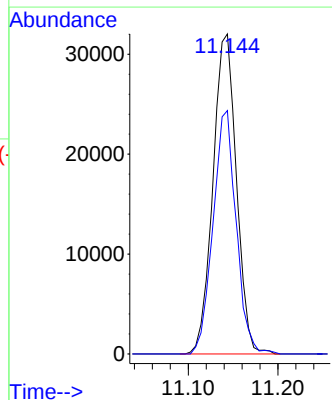
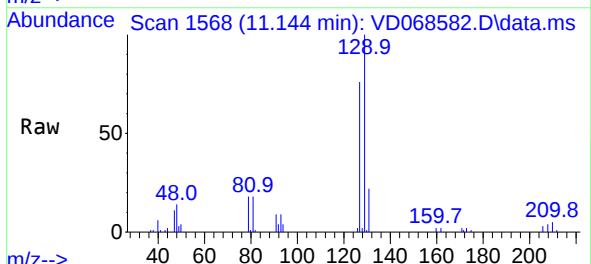
Manual Integrations
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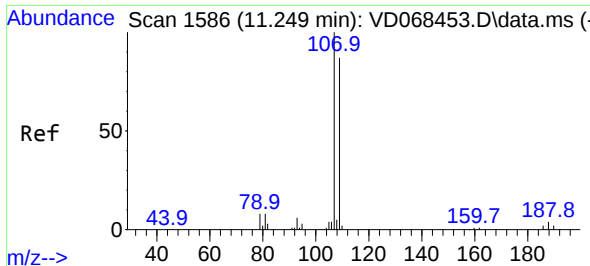
MMDadoda
3/12/2021 2:01:25 PM



#60
Dibromochloromethane
Concen: 20.69 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

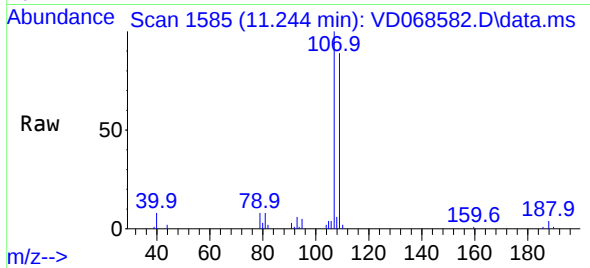
Tgt Ion: 129 Resp: 58190
Ion Ratio Lower Upper
129 100
127 74.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.71 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

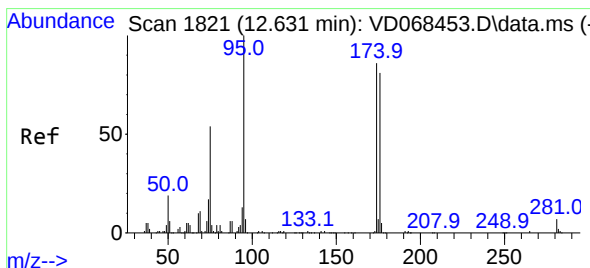
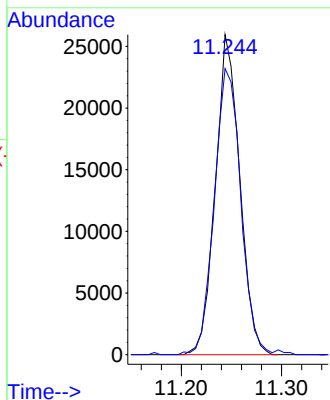
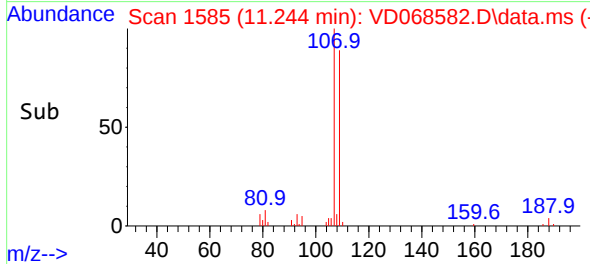
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



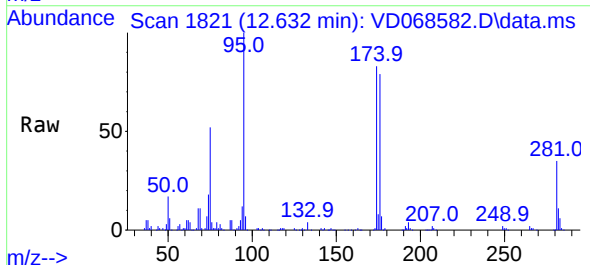
Tgt Ion:107 Resp: 43813
Ion Ratio Lower Upper
107 100
109 97.3 74.8 112.2

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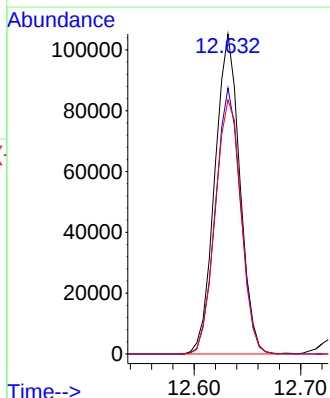
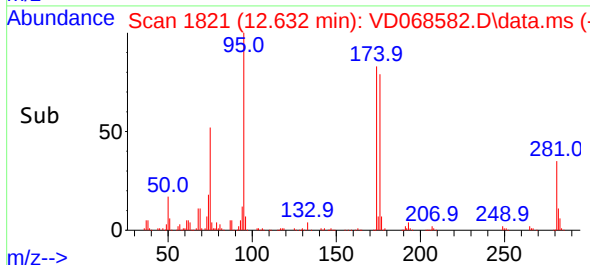
MMDadoda
3/12/2021 2:01:25 PM

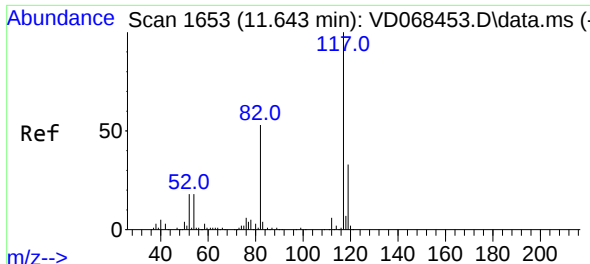


#62
4-Bromofluorobenzene
Concen: 47.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



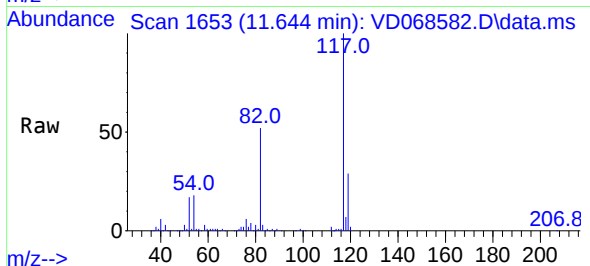
Tgt Ion: 95 Resp: 171118
Ion Ratio Lower Upper
95 100
174 83.7 0.0 172.4
176 82.7 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

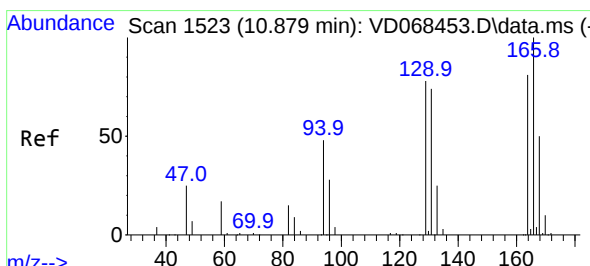
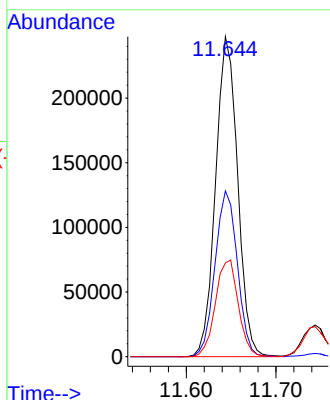
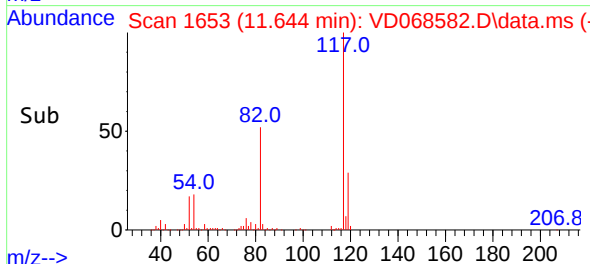
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



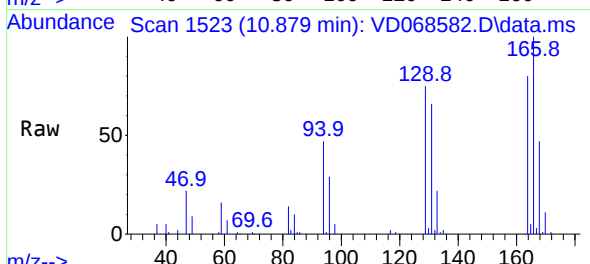
Tgt Ion:117 Resp: 422402
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 29.3 26.1 39.1

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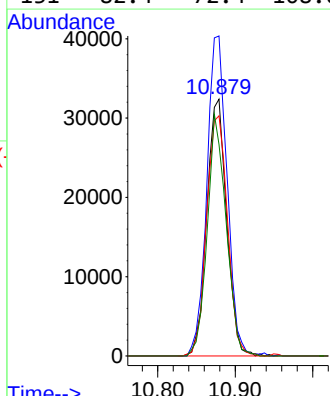
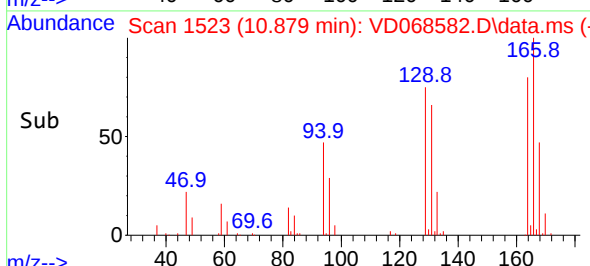
MMDadoda
3/12/2021 2:01:25 PM

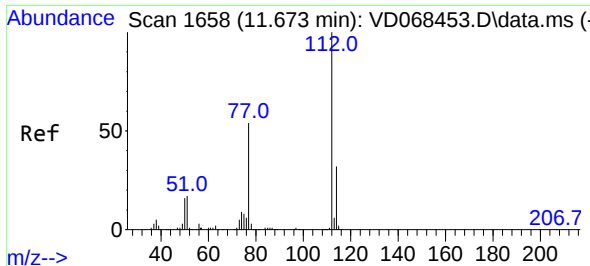


#64
Tetrachloroethene
Concen: 20.95 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



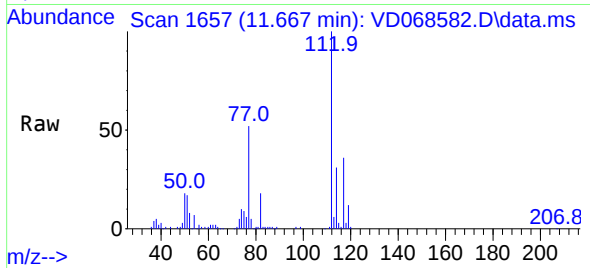
Tgt Ion:164 Resp: 57789
Ion Ratio Lower Upper
164 100
166 124.6 105.5 158.3
129 93.5 75.6 113.4
131 82.4 72.4 108.6





#65
Chlorobenzene
Concen: 20.58 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

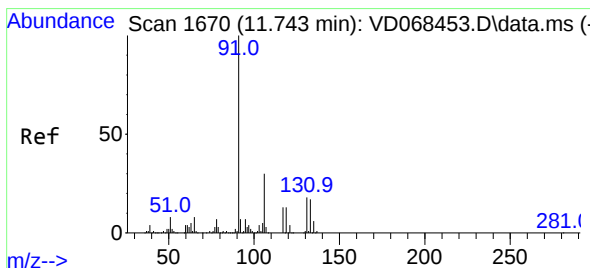
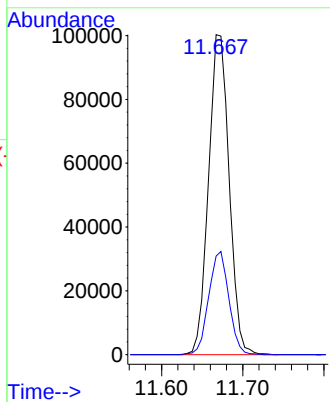
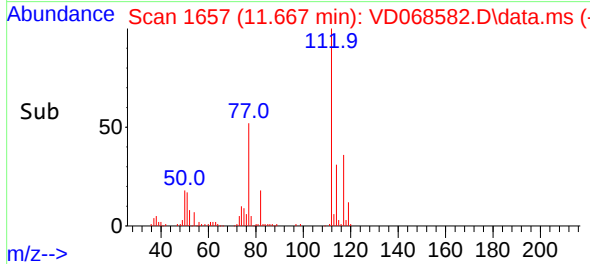
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



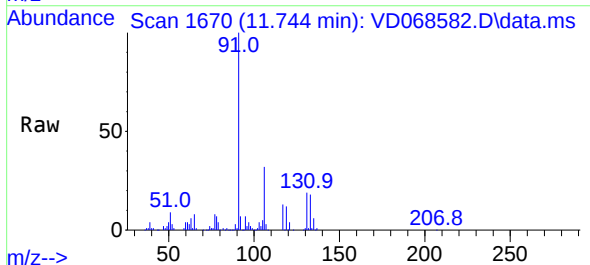
Tgt Ion:112 Resp: 177019
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

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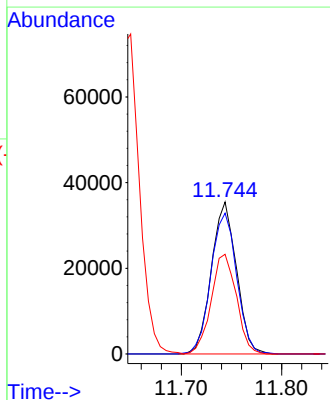
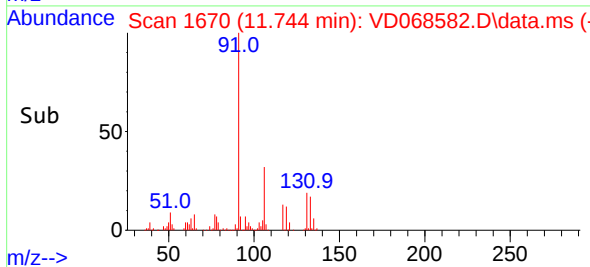
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.56 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion:131 Resp: 61465
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 66.1 31.6 94.8





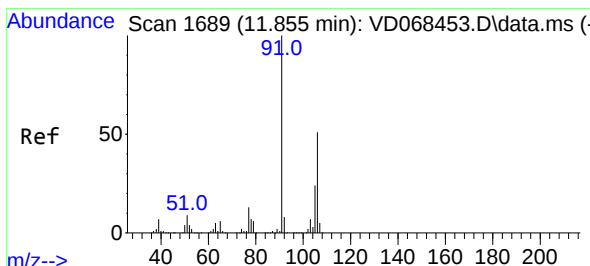
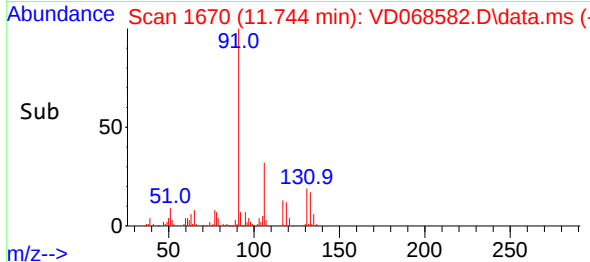
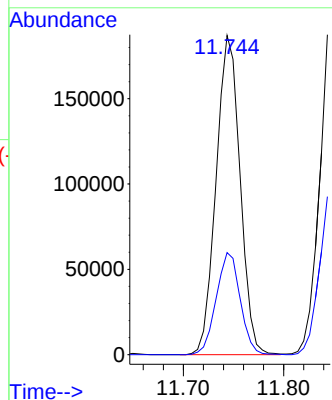
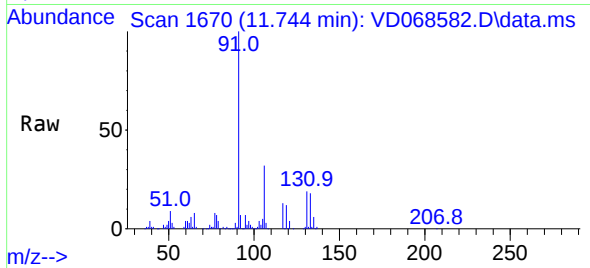
#67
Ethyl Benzene
Concen: 20.19 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Tgt Ion: 91 Resp: 310047
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9

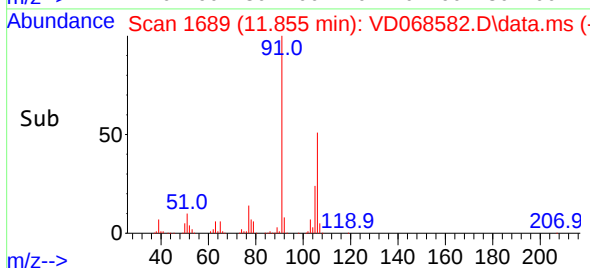
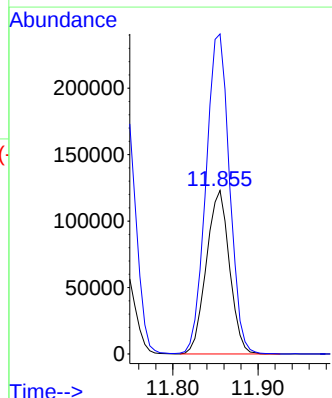
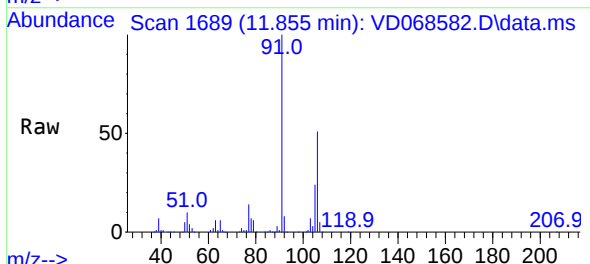
Manual Integrations
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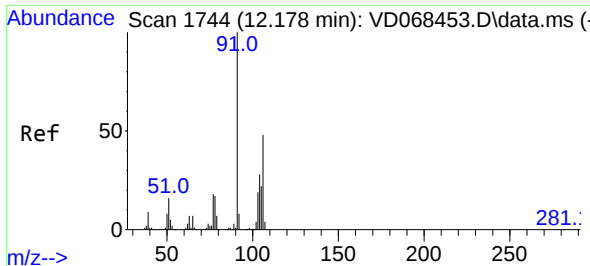
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3/12/2021 2:01:25 PM



#68
m/p-Xylenes
Concen: 39.82 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 106 Resp: 232237
Ion Ratio Lower Upper
106 100
91 199.8 159.1 238.7





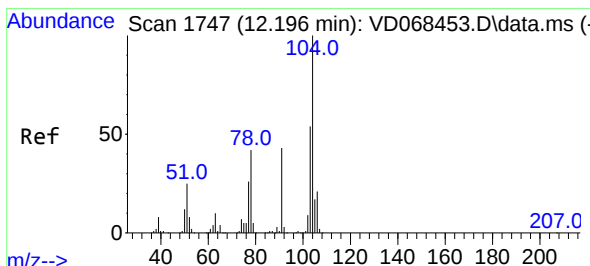
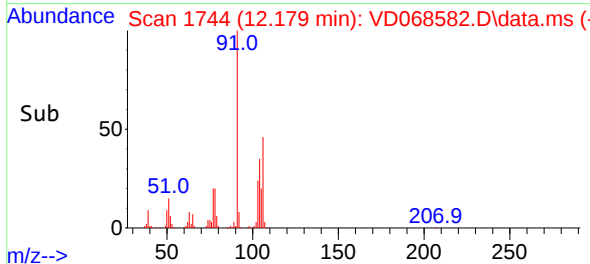
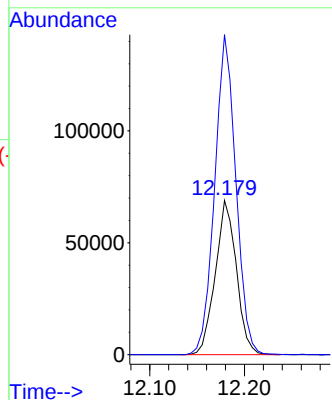
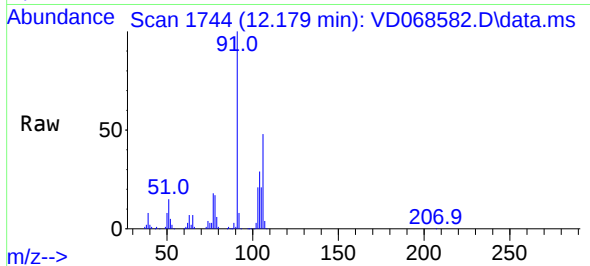
#69
o-Xylene
Concen: 19.88 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:106 Resp: 106757
Ion Ratio Lower Upper
106 100
91 208.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

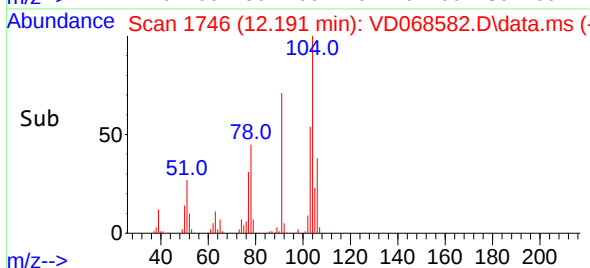
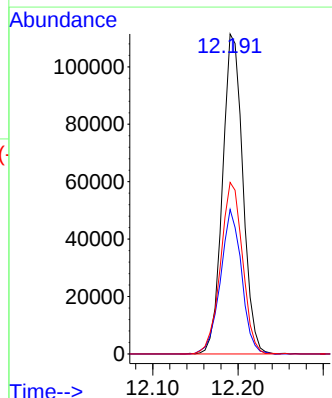
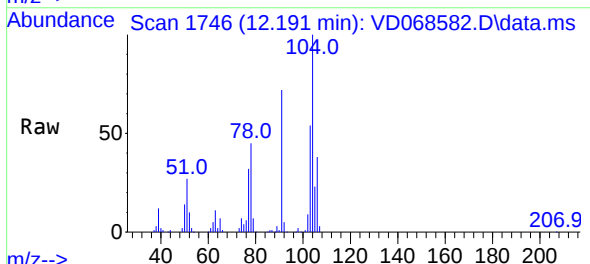
Manual Integrations
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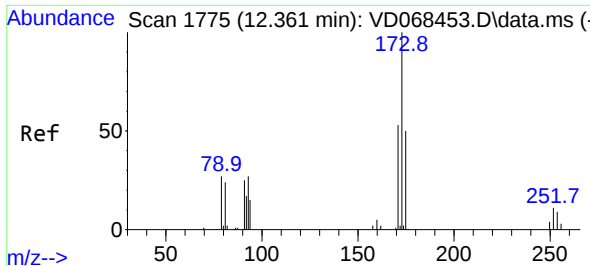
MMDadoda
3/12/2021 2:01:25 PM



#70
Styrene
Concen: 20.09 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:104 Resp: 184540
Ion Ratio Lower Upper
104 100
78 46.8 38.2 57.2
103 58.0 43.1 64.7





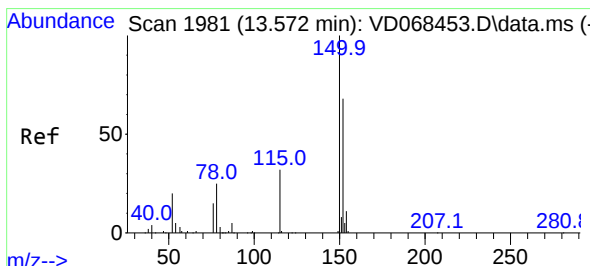
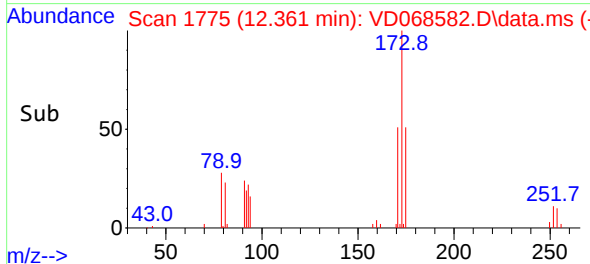
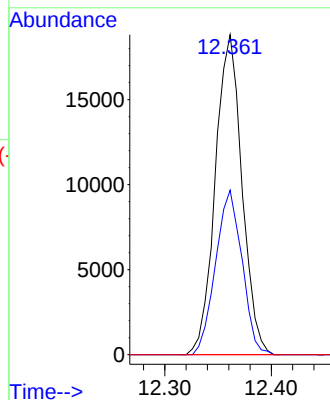
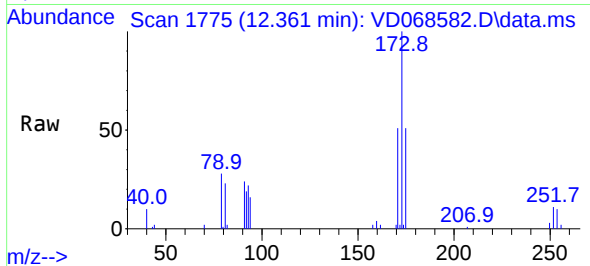
#71
Bromoform
Concen: 21.55 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:	173	Resp:	32729
Ion Ratio	Lower	Upper	
173	100		
175	50.9	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

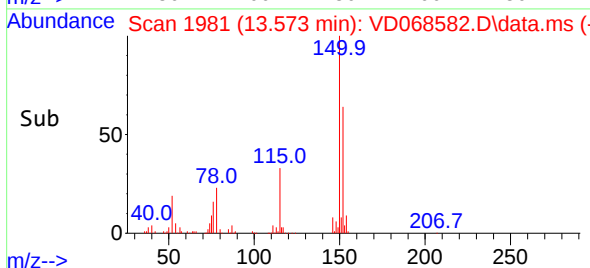
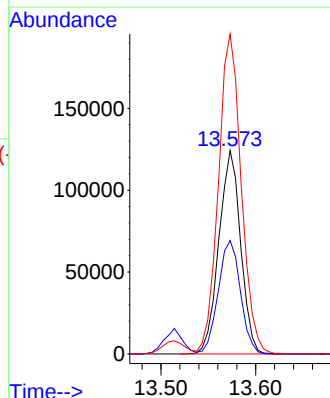
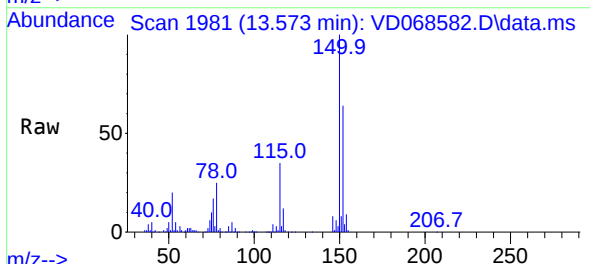
Manual Integrations
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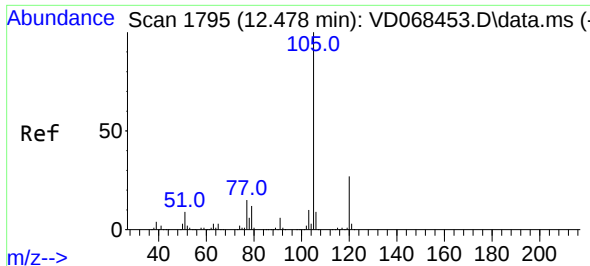
MMDadoda
3/12/2021 2:01:25 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

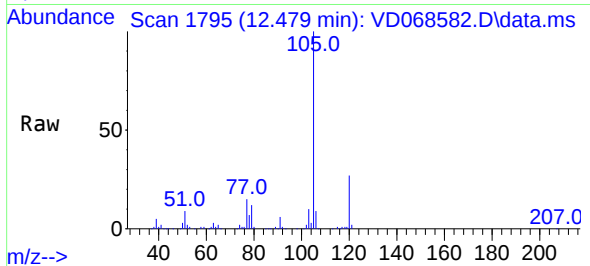
Tgt Ion:	152	Resp:	198328
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.9	86.8
150	165.1	0.0	344.4





#73
Isopropylbenzene
Concen: 20.08 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

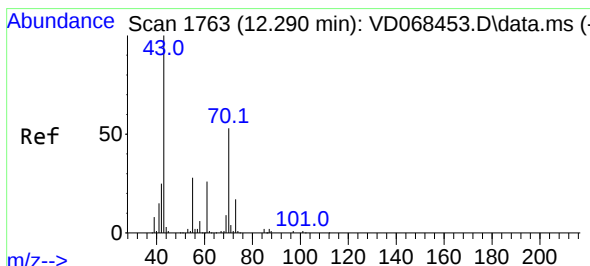
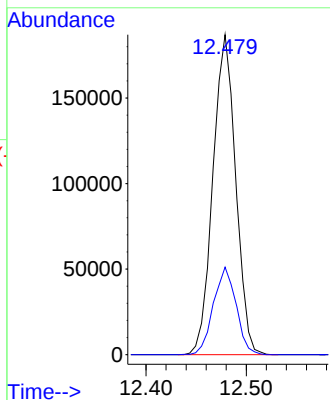
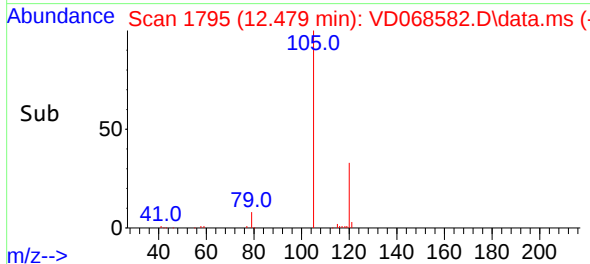
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



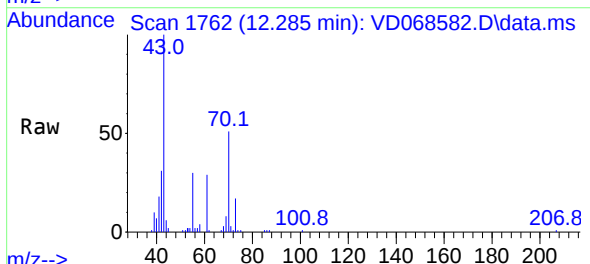
Tgt Ion: 105 Resp: 295408
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

Manual Integrations
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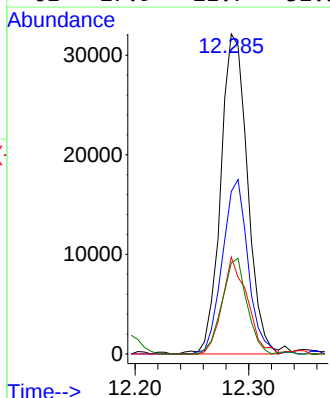
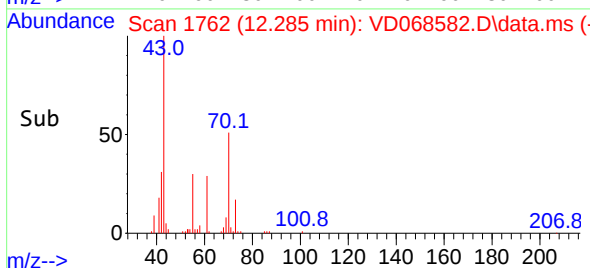
MMDadoda
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#74
N-ethyl acetate
Concen: 20.95 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion: 43 Resp: 52506
Ion Ratio Lower Upper
43 100
70 52.5 41.8 62.8
55 28.6 24.2 36.4
61 27.9 21.7 32.5





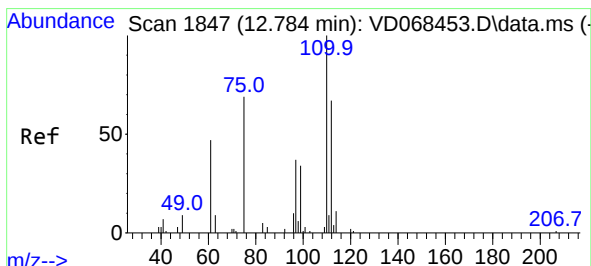
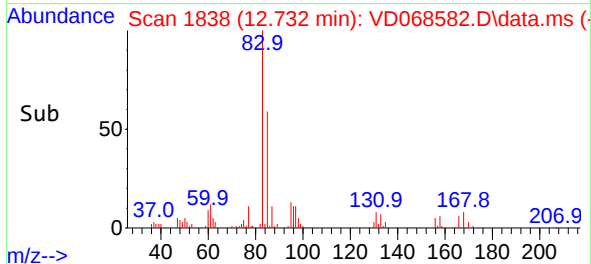
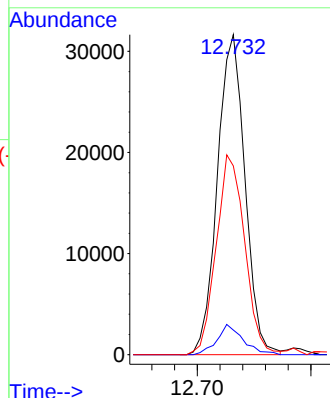
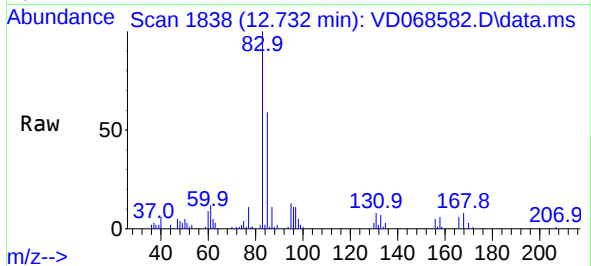
#75
1,1,2,2-Tetrachloroethane
Concen: 21.06 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 83 Resp: 53297
Ion Ratio Lower Upper
83 100
131 8.9 5.8 17.4
85 64.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

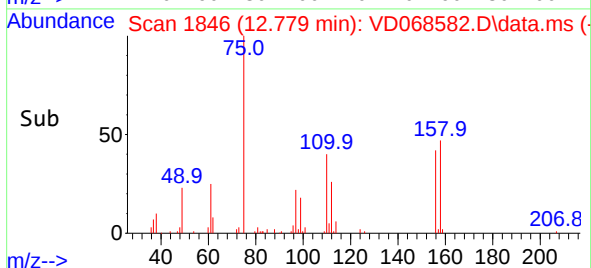
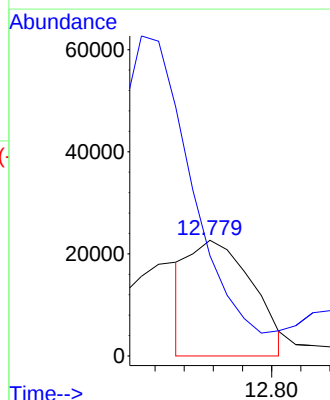
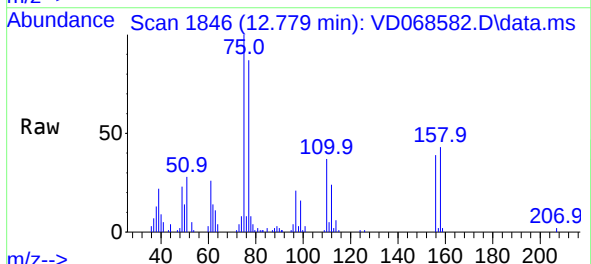
Manual Integrations
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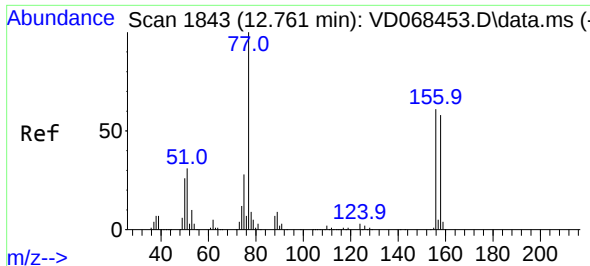
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#76
1,2,3-Trichloropropane
Concen: 19.39 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 75 Resp: 34148
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.95 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

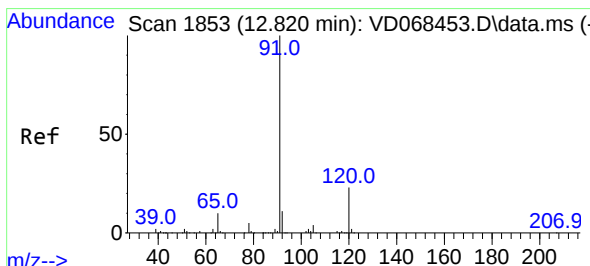
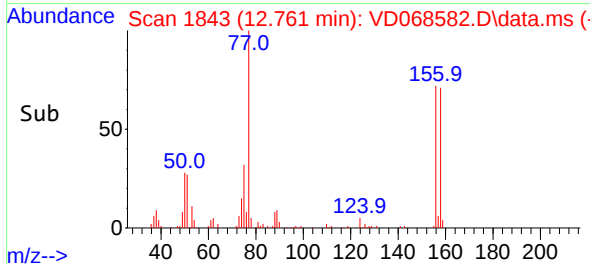
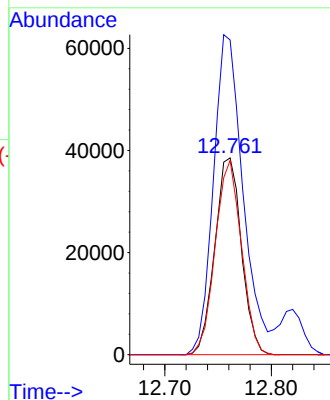
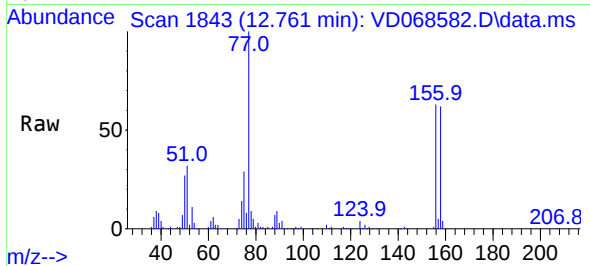
Tgt Ion: 156 Resp: 66956

Ion	Ratio	Lower	Upper
156	100		
77	179.1	82.8	248.3
158	97.0	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Manual Integrations
APPROVED

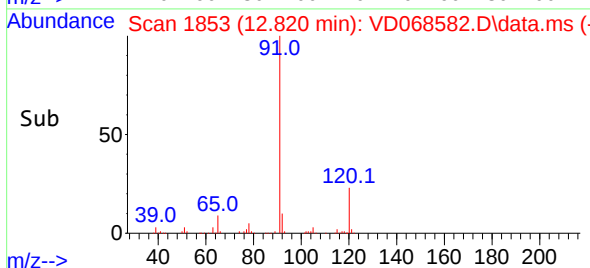
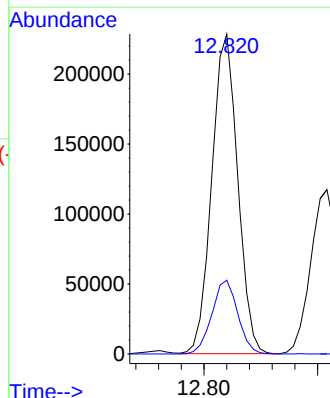
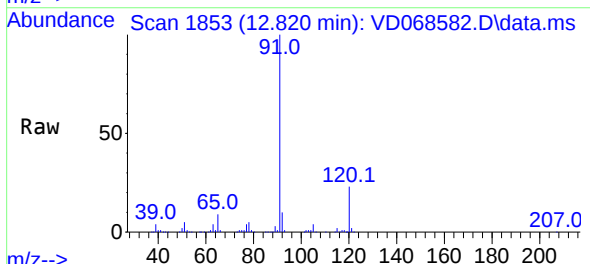
MMDadoda
3/12/2021 2:01:25 PM

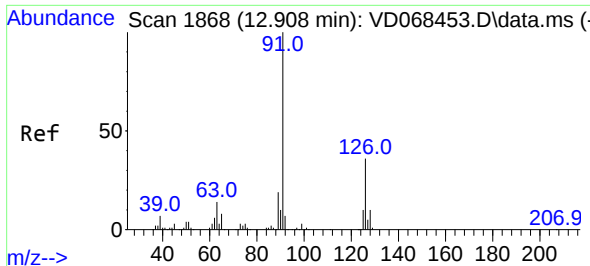


#78
n-propylbenzene
Concen: 20.56 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 91 Resp: 361389

Ion	Ratio	Lower	Upper
91	100		
120	23.1	12.0	36.0





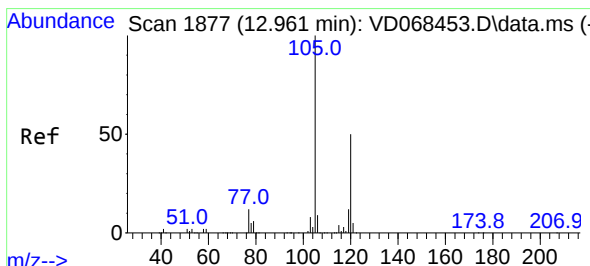
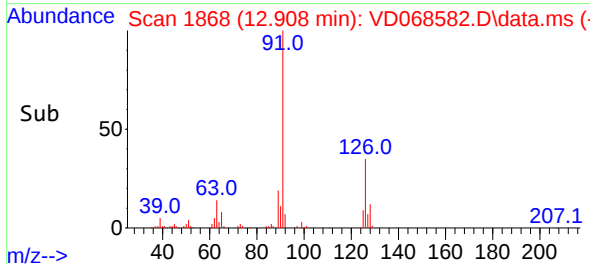
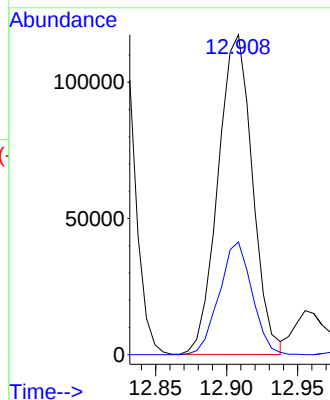
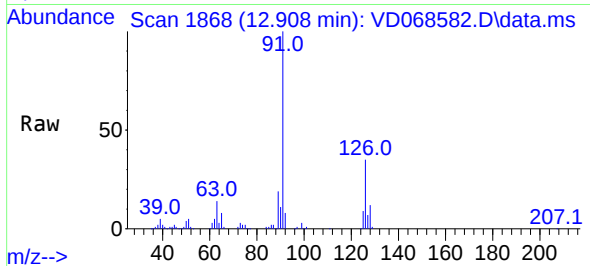
#79
2-Chlorotoluene
Concen: 20.28 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Tgt Ion: 91 Resp: 197795
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.5

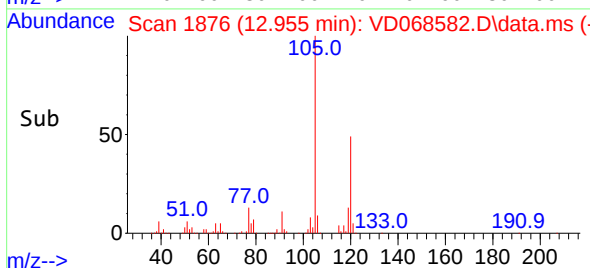
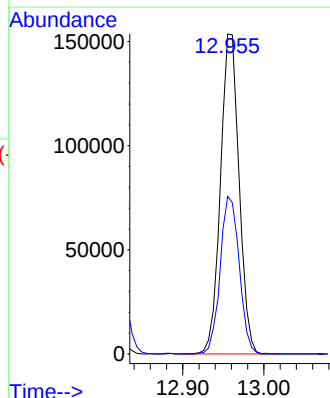
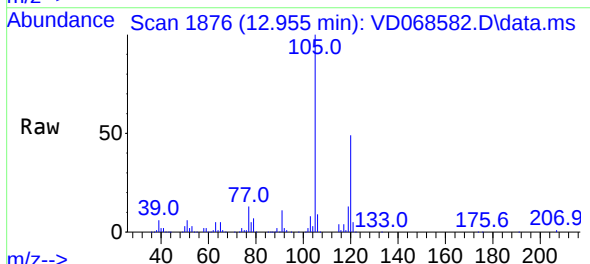
Manual Integrations
APPROVED

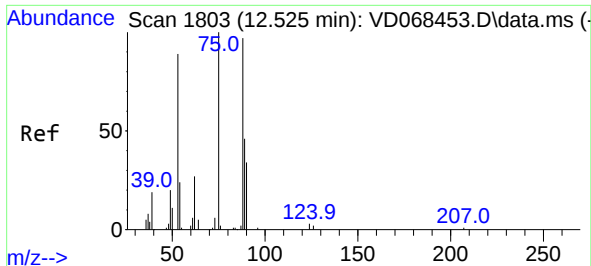
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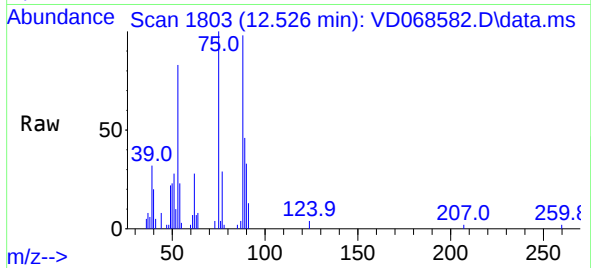
#80
1,3,5-Trimethylbenzene
Concen: 20.34 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion: 105 Resp: 245272
Ion Ratio Lower Upper
105 100
120 50.2 24.2 72.6



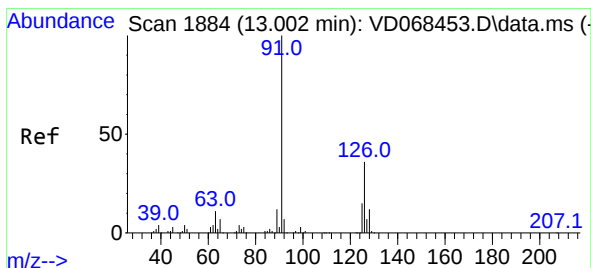
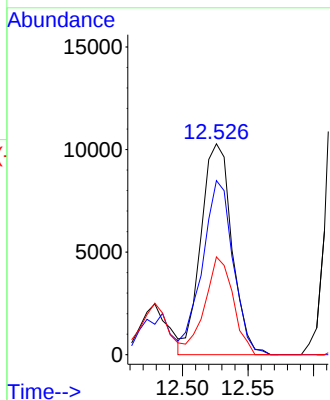
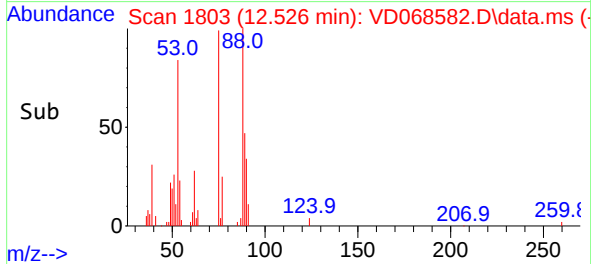


#81
trans-1,4-Dichloro-2-butene
Concen: 22.36 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

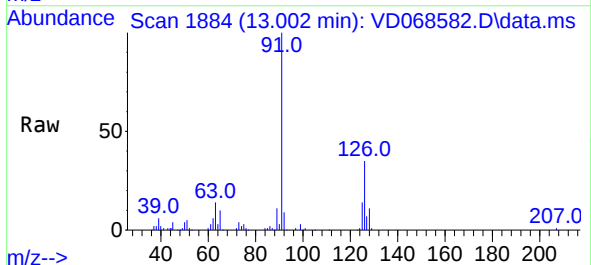


Tgt Ion: 75 Resp: 16869

Ion	Ratio	Lower	Upper
75	100		
53	82.4	70.2	105.2
89	41.7	40.3	60.5

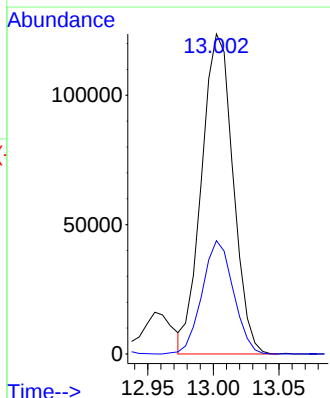
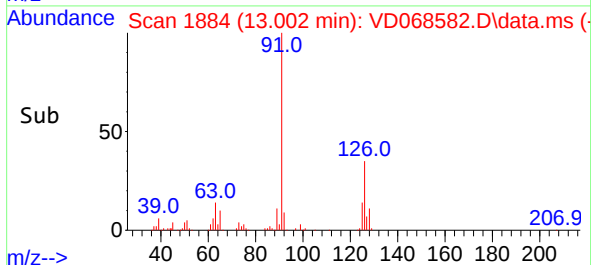


#82
4-Chlorotoluene
Concen: 20.14 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion: 91 Resp: 206724

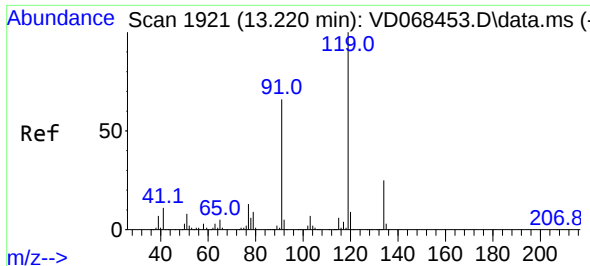
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.7	53.1



Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

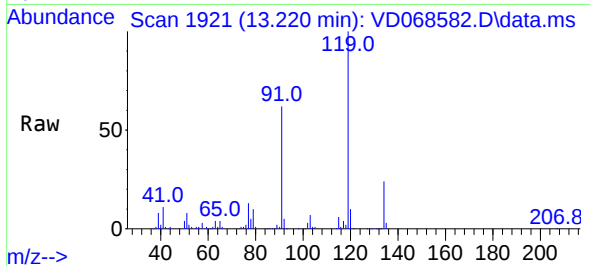
Manual Integrations
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#83
tert-Butylbenzene
Concen: 20.61 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

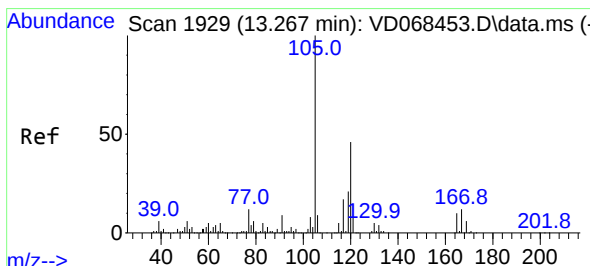
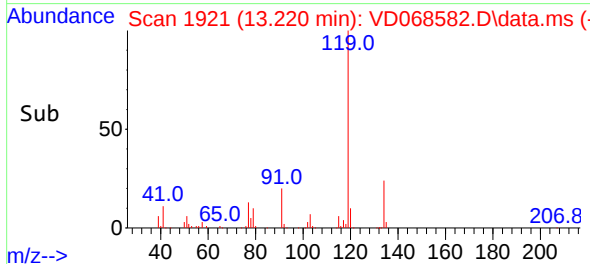
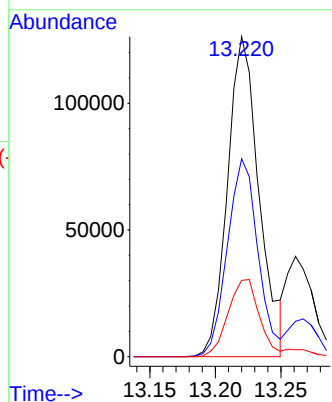
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



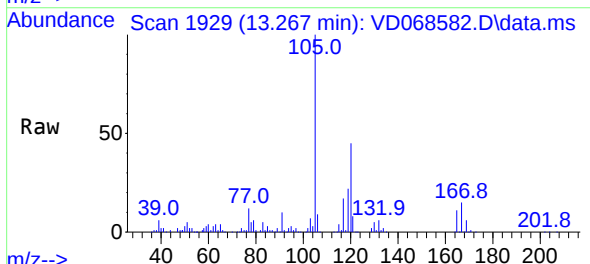
Tgt Ion:119 Resp: 211537
Ion Ratio Lower Upper
119 100
91 60.1 31.1 93.5
134 25.8 13.3 39.8

Manual Integrations
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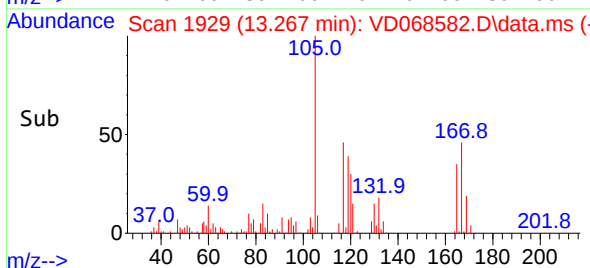
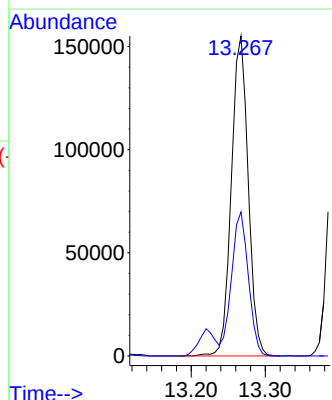
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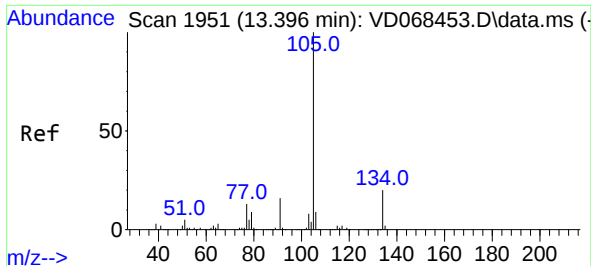


#84
1,2,4-Trimethylbenzene
Concen: 20.25 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



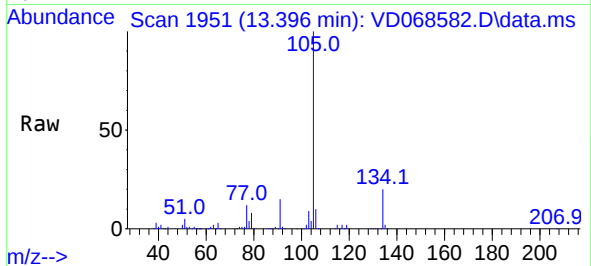
Tgt Ion:105 Resp: 244463
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





#85
sec-Butylbenzene
Concen: 20.48 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

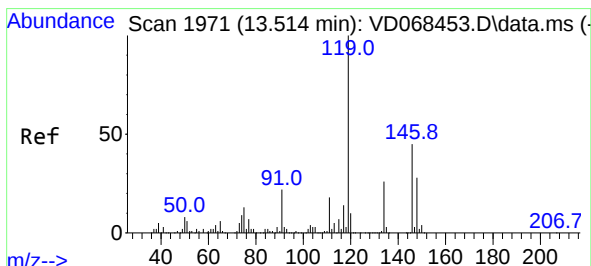
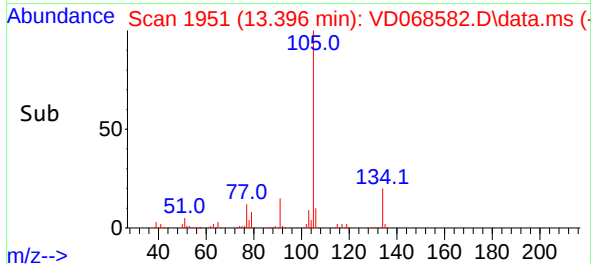
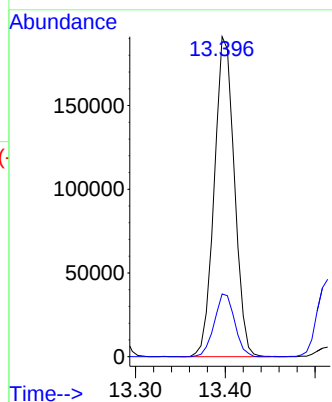
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



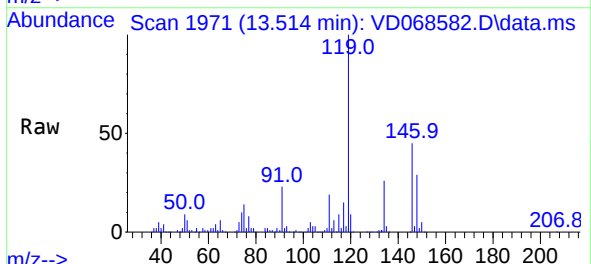
Tgt Ion:105 Resp: 297020
Ion Ratio Lower Upper
105 100
134 19.9 10.3 30.9

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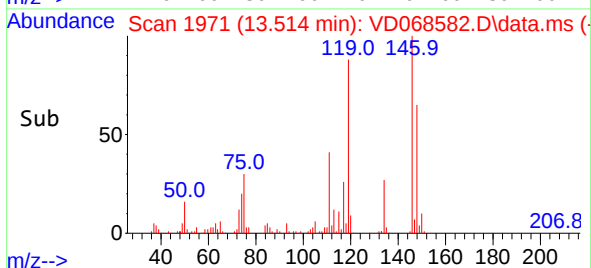
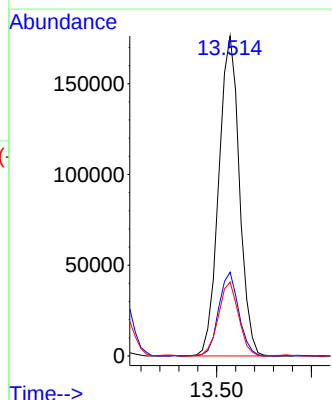
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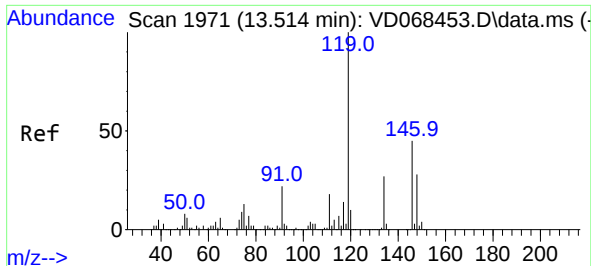


#86
p-Isopropyltoluene
Concen: 20.28 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

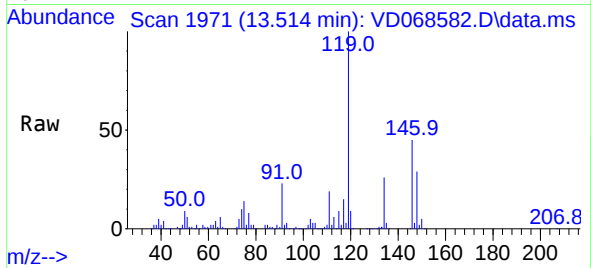


Tgt Ion:119 Resp: 266949
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.7
91 22.6 11.7 35.0

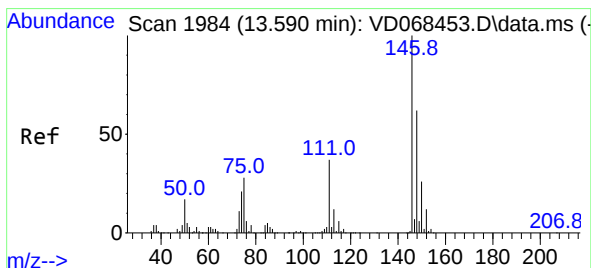
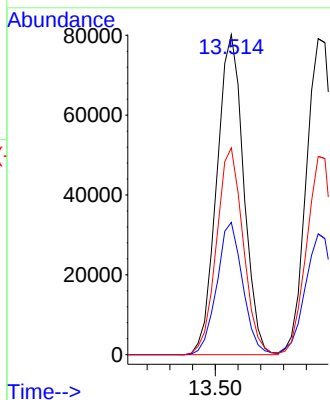
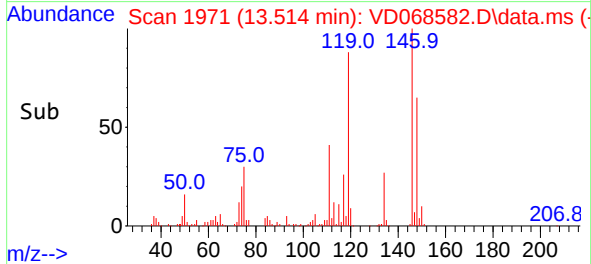




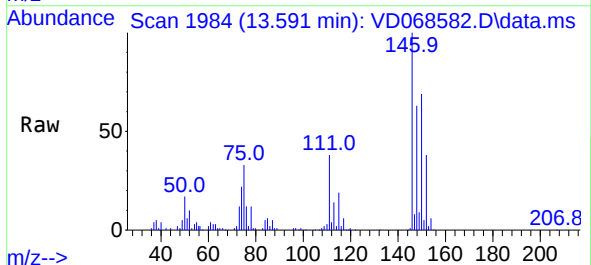
#87
1,3-Dichlorobenzene
Concen: 20.31 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



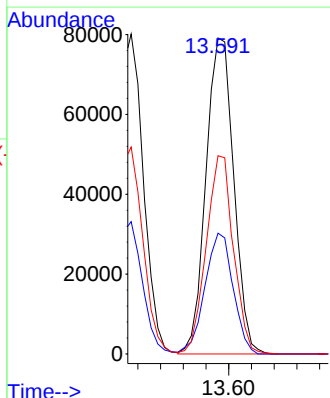
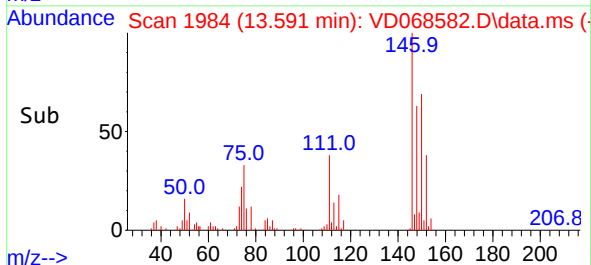
Tgt Ion:146 Resp: 131679
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 64.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.96 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



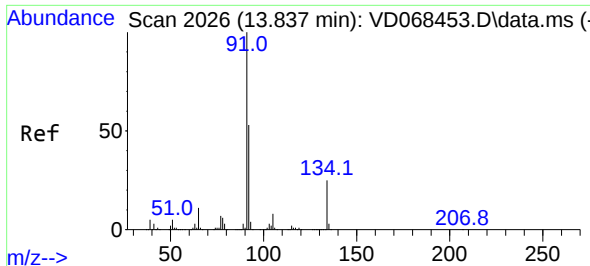
Tgt Ion:146 Resp: 134650
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 61.4 31.9 95.7



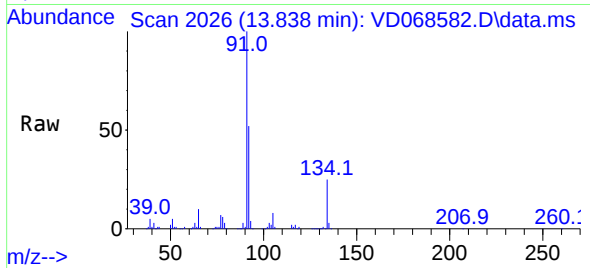
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

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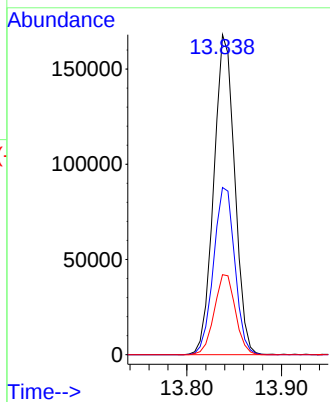
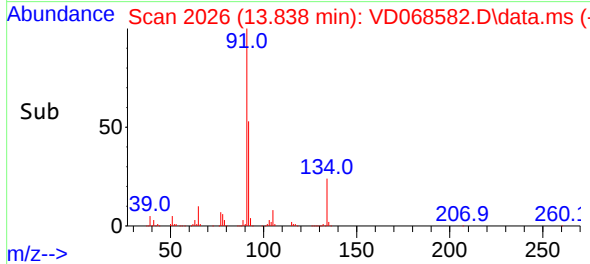
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#89
n-Butylbenzene
Concen: 20.33 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



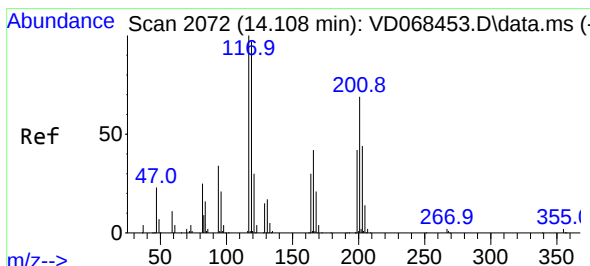
Tgt Ion: 91 Resp: 258162
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.3 13.9 41.7



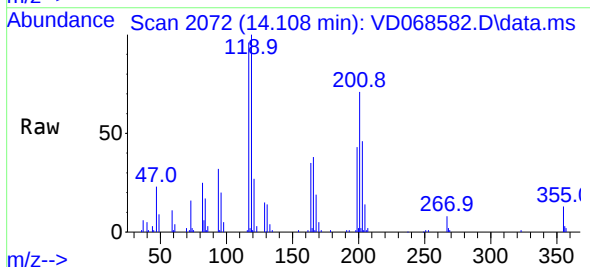
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Manual Integrations
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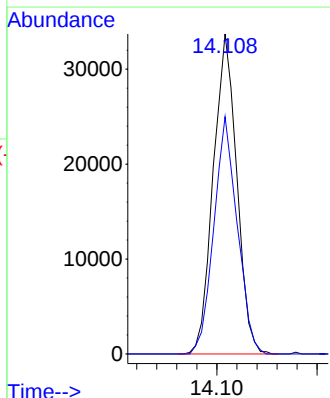
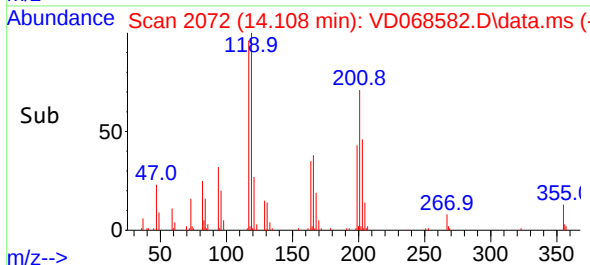
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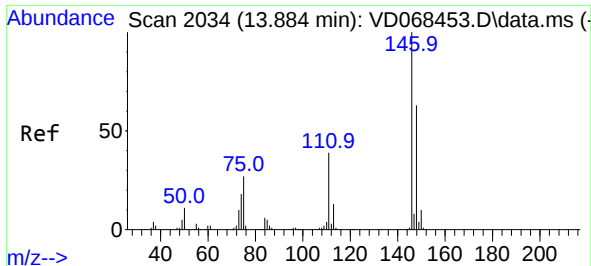


#90
Hexachloroethane
Concen: 20.94 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

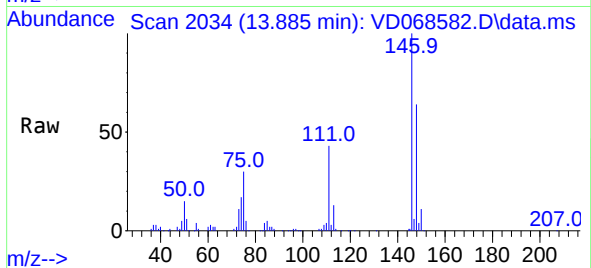


Tgt Ion: 117 Resp: 54789
Ion Ratio Lower Upper
117 100
201 74.0 39.5 118.5

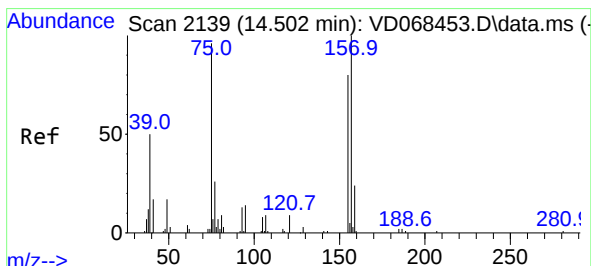
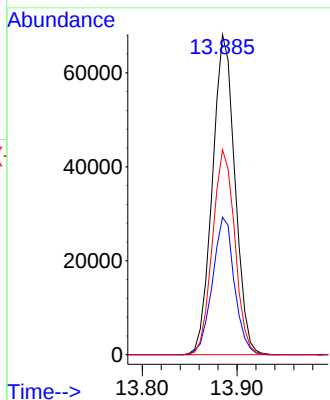
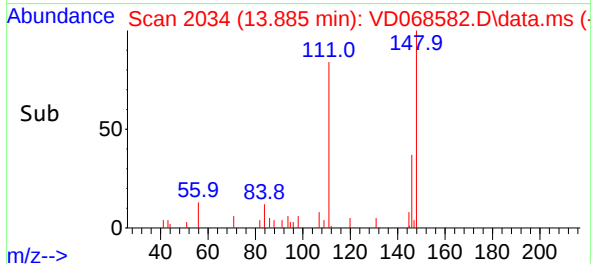




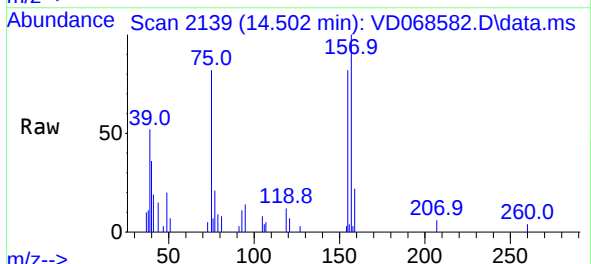
#91
1,2-Dichlorobenzene
Concen: 20.25 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



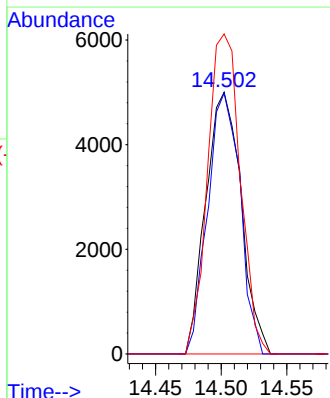
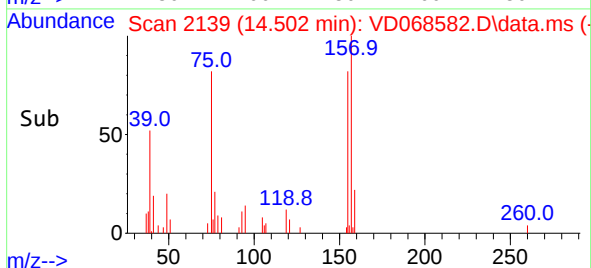
Tgt Ion:146 Resp: 112608
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.01 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



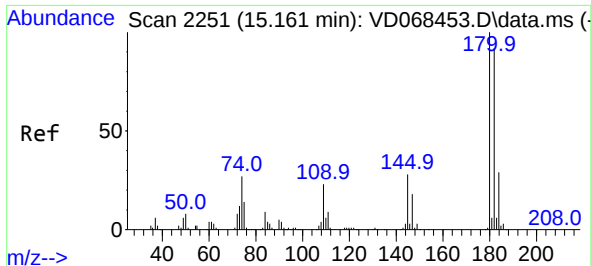
Tgt Ion: 75 Resp: 9374
Ion Ratio Lower Upper
75 100
155 91.3 48.0 144.2
157 113.5 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

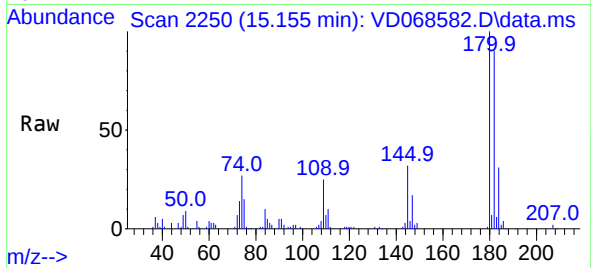
Manual Integrations
APPROVED

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#93
1,2,4-Trichlorobenzene
Concen: 20.05 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

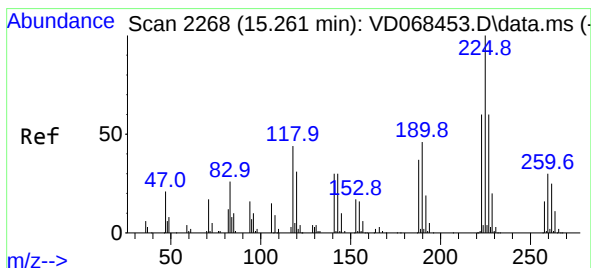
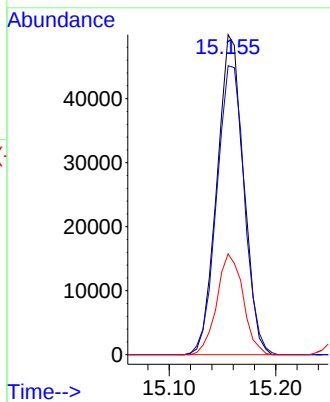
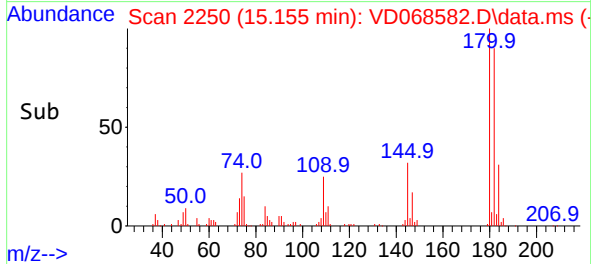
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01



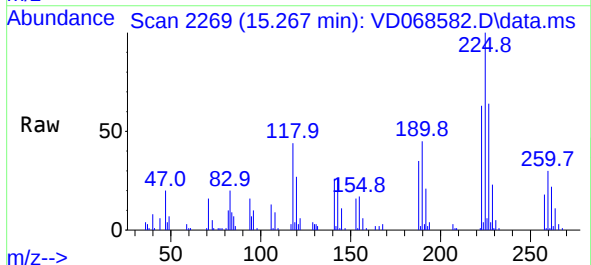
Tgt Ion:180 Resp: 86127
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.4
145 31.3 15.2 45.5

Manual Integrations
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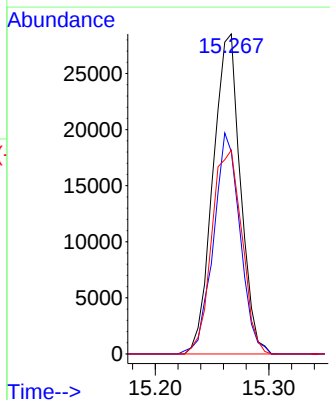
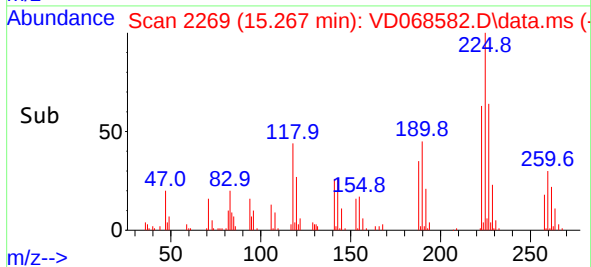
MMDadoda
3/12/2021 2:01:25 PM

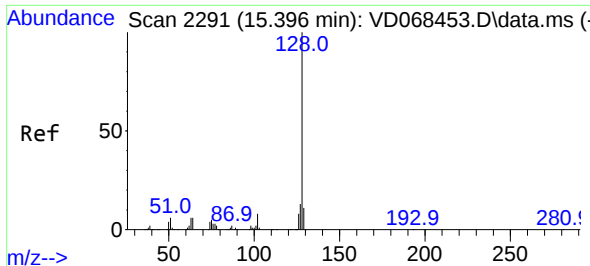


#94
Hexachlorobutadiene
Concen: 20.13 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41



Tgt Ion:225 Resp: 47990
Ion Ratio Lower Upper
225 100
223 66.7 31.9 95.5
227 69.7 32.1 96.5





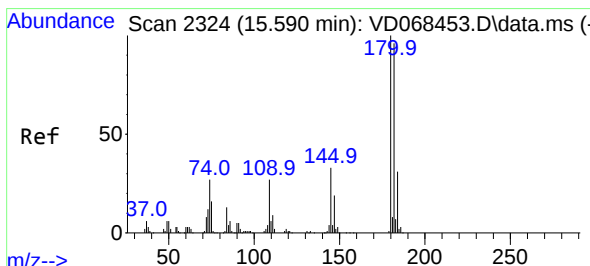
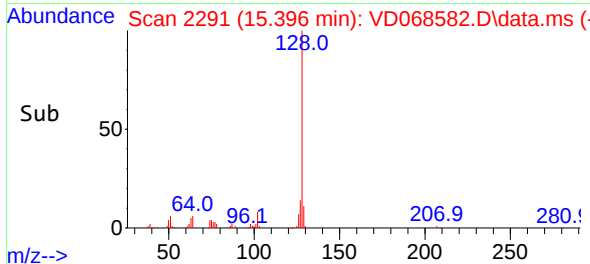
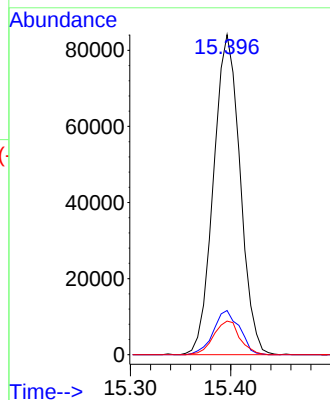
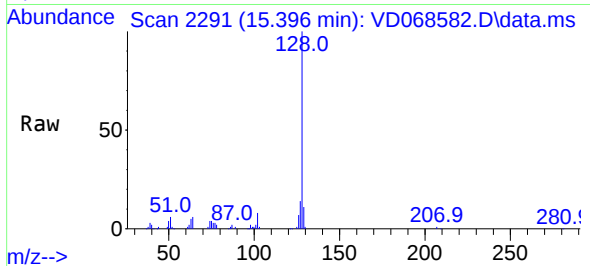
#95
Naphthalene
Concen: 19.89 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:128 Resp: 154682
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 10.4 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBSD01

Manual Integrations
APPROVED

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3/12/2021 2:01:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.07 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.005 min
Lab File: VD068582.D
Acq: 11 Mar 2021 13:41

Tgt Ion:180 Resp: 74637
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.8
145 31.6 16.7 50.1

