

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068518.D
 Acq On : 04 Mar 2021 11:41
 Operator : VA/SY
 Sample : VD0304SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

Manual Integrations
 APPROVED

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 3/5/2021 10:11:48 AM

Quant Time: Mar 04 23:59:19 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	292120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	485926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	443243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	213454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131548	45.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.14%		
35) Dibromofluoromethane	7.914	113	148826	50.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.68%		
50) Toluene-d8	10.338	98	567996	48.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.44%		
62) 4-Bromofluorobenzene	12.632	95	187269	49.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	55998	19.75	ug/l	91
3) Chloromethane	2.209	50	68509	19.12	ug/l	96
4) Vinyl Chloride	2.350	62	80981	19.04	ug/l	96
5) Bromomethane	2.756	94	60168	19.86	ug/l	97
6) Chloroethane	2.921	64	53443	19.43	ug/l	93
7) Trichlorofluoromethane	3.273	101	99049	20.41	ug/l	92
8) Diethyl Ether	3.709	74	26946	18.65	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	61256	20.72	ug/l	96
10) Methyl Iodide	4.303	142	52878	16.79	ug/l	94
11) Tert butyl alcohol	5.226	59	17204	110.40	ug/l	96
12) 1,1-Dichloroethene	4.068	96	56544	19.27	ug/l	96
13) Acrolein	3.926	56	19186	86.14	ug/l	98
14) Allyl chloride	4.720	41	72511	19.14	ug/l	97
15) Acrylonitrile	5.420	53	64064	105.06	ug/l	98
16) Acetone	4.150	43	44764	96.56	ug/l	96
17) Carbon Disulfide	4.409	76	187530	19.51	ug/l	99
18) Methyl Acetate	4.715	43	23036	19.28	ug/l	90
19) Methyl tert-butyl Ether	5.473	73	137045	21.55	ug/l	99
20) Methylene Chloride	4.962	84	79546	20.49	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	79506	22.70	ug/l	95
22) Diisopropyl ether	6.362	45	158053	18.95	ug/l #	92
23) Vinyl Acetate	6.303	43	391081	90.37	ug/l	99
24) 1,1-Dichloroethane	6.267	63	111609	19.52	ug/l	97
25) 2-Butanone	7.209	43	61289	91.97	ug/l	96
26) 2,2-Dichloropropane	7.209	77	97832	20.54	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	75505	19.63	ug/l	97
28) Bromochloromethane	7.544	49	42375	18.99	ug/l	85
29) Tetrahydrofuran	7.561	42	38515	89.00	ug/l	97
30) Chloroform	7.709	83	120428	19.94	ug/l	95
31) Cyclohexane	7.985	56	100003	18.84	ug/l	96
32) 1,1,1-Trichloroethane	7.909	97	106521	20.67	ug/l	95
36) 1,1-Dichloropropene	8.114	75	95235	20.62	ug/l	96
37) Ethyl Acetate	7.297	43	29222	19.07	ug/l	95
38) Carbon Tetrachloride	8.097	117	92477	21.31	ug/l	98
39) Methylcyclohexane	9.355	83	116441	20.44	ug/l	96
40) Benzene	8.350	78	265905	20.07	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	18446m	20.74	ug/l	
42) 1,2-Dichloroethane	8.426	62	70161	20.14	ug/l	99
43) Isopropyl Acetate	8.450	43	53317	18.93	ug/l	97
44) Trichloroethene	9.114	130	76198	20.95	ug/l	92
45) 1,2-Dichloropropane	9.391	63	64226	20.28	ug/l	99
46) Dibromomethane	9.479	93	36074	20.94	ug/l	93
47) Bromodichloromethane	9.661	83	93283	20.93	ug/l	99
48) Methyl methacrylate	9.456	41	28161	18.76	ug/l	94
49) 1,4-Dioxane	9.467	88	7200	366.39	ug/l #	84
51) 4-Methyl-2-Pentanone	10.232	43	138283	93.82	ug/l	99
52) Toluene	10.403	92	173124	20.46	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	84198	20.44	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	101257	20.15	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	49424	20.73	ug/l	94
56) Ethyl methacrylate	10.661	69	52835	19.28	ug/l	97
57) 1,3-Dichloropropane	10.950	76	83830	20.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	129839	94.42	ug/l	95
59) 2-Hexanone	10.985	43	94541	96.23	ug/l	97
60) Dibromochloromethane	11.138	129	59827	20.27	ug/l	98
61) 1,2-Dibromoethane	11.250	107	46790	20.05	ug/l	98
64) Tetrachloroethene	10.879	164	62105	21.46	ug/l	96
65) Chlorobenzene	11.673	112	186530	20.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	66524	21.20	ug/l	98
67) Ethyl Benzene	11.744	91	329806	20.47	ug/l	99
68) m/p-Xylenes	11.850	106	257581	42.09	ug/l	95
69) o-Xylene	12.179	106	115218	20.44	ug/l	94
70) Styrene	12.197	104	199054	20.65	ug/l	98
71) Bromoform	12.361	173	32324	20.28	ug/l #	98
73) Isopropylbenzene	12.479	105	316842	20.01	ug/l	100
74) N-amyl acetate	12.291	43	51321	19.03	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	53212	19.54	ug/l	96
76) 1,2,3-Trichloropropane	12.785	75	35827m	18.91	ug/l	
77) Bromobenzene	12.761	156	74561	20.64	ug/l	96
78) n-propylbenzene	12.820	91	382470	20.22	ug/l	97
79) 2-Chlorotoluene	12.908	91	202461	19.28	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	258537	19.92	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	15303	18.85	ug/l	95
82) 4-Chlorotoluene	13.002	91	222269	20.12	ug/l	100
83) tert-Butylbenzene	13.220	119	223334	20.22	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	262271	20.18	ug/l	99
85) sec-Butylbenzene	13.402	105	318967	20.44	ug/l	99
86) p-Isopropyltoluene	13.514	119	289041	20.40	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	142345	20.40	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	142407	20.60	ug/l	99
89) n-Butylbenzene	13.838	91	278652	20.39	ug/l	96
90) Hexachloroethane	14.108	117	59114	21.00	ug/l	93
91) 1,2-Dichlorobenzene	13.891	146	123306	20.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9139	19.04	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	93746	20.28	ug/l	99
94) Hexachlorobutadiene	15.267	225	54693	21.32	ug/l	98
95) Naphthalene	15.396	128	156319	18.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	80131	20.02	ug/l	99

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

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

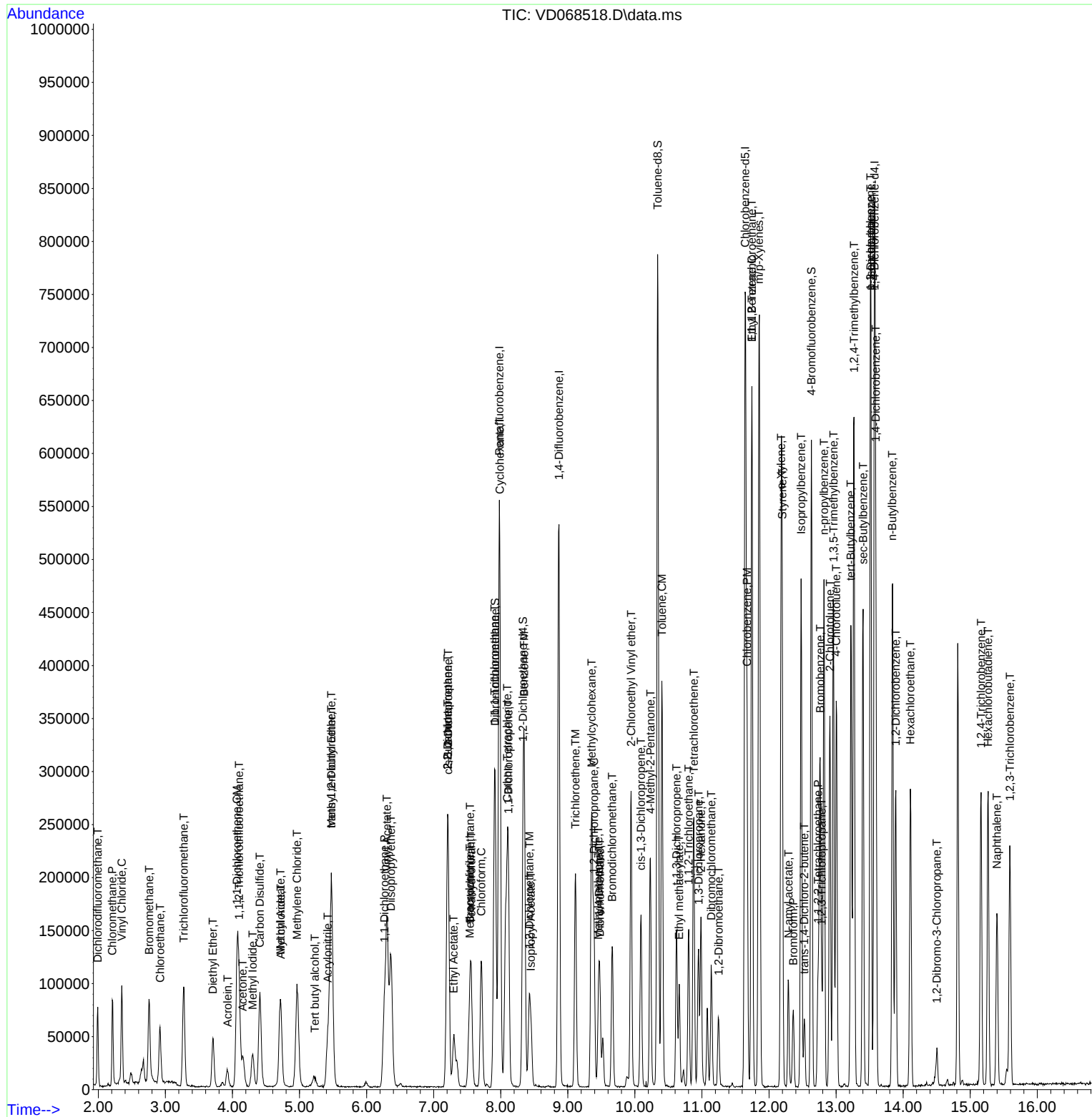
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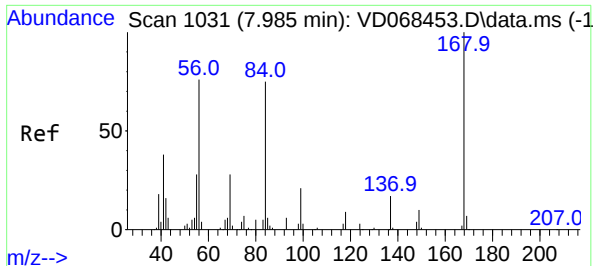
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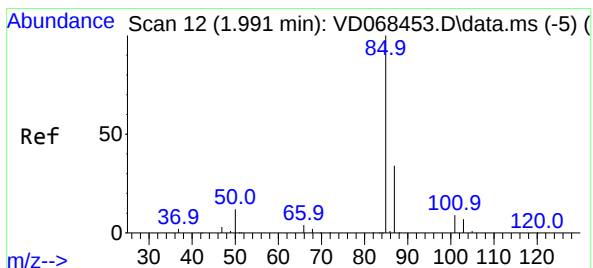
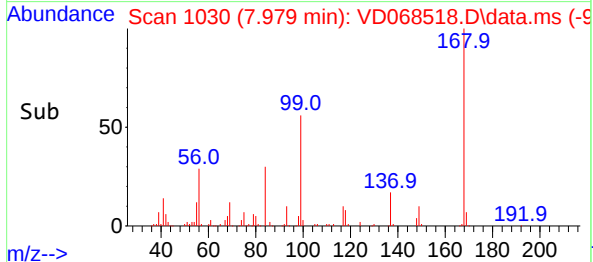
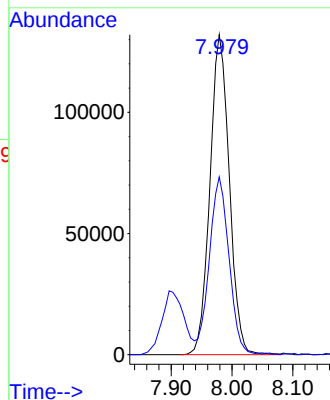
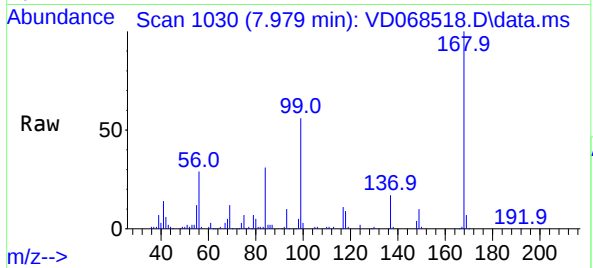
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 168 Resp: 292120
Ion Ratio Lower Upper
168 100
99 55.5 43.5 65.3

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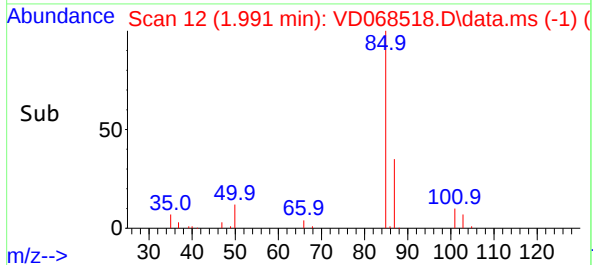
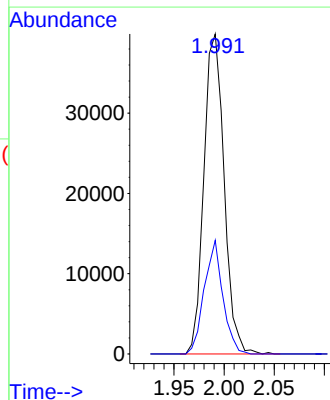
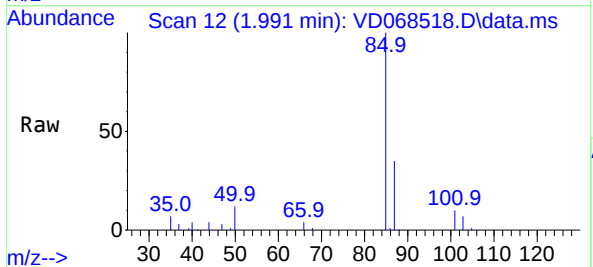
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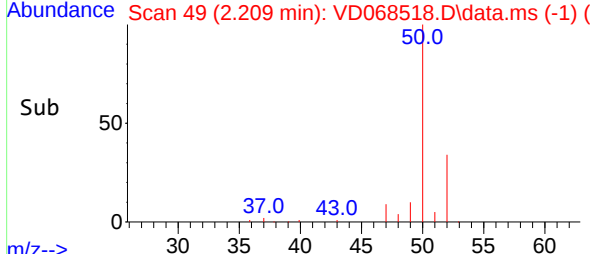
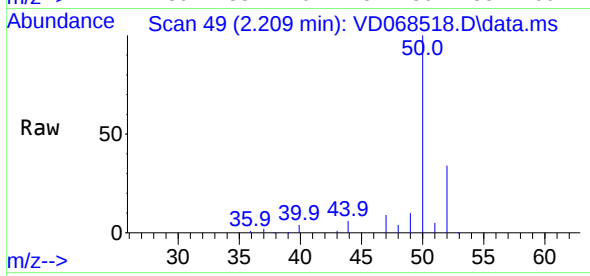
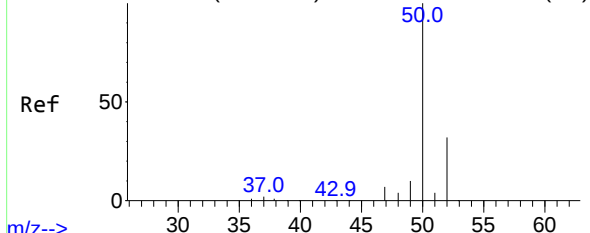


Dichlorodifluoromethane
Concen: 19.75 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 85 Resp: 55998
Ion Ratio Lower Upper
85 100
87 35.5 15.4 46.1

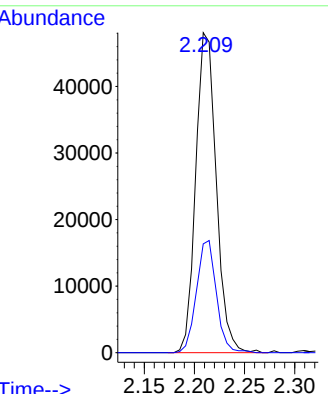


Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



#3
Chloromethane
Concen: 19.12 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

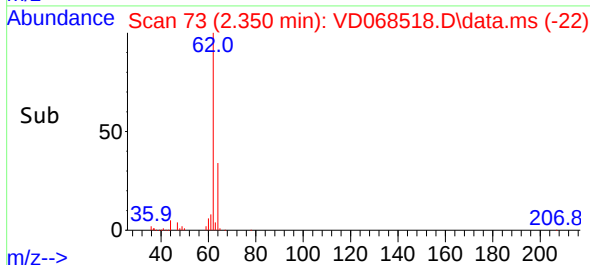
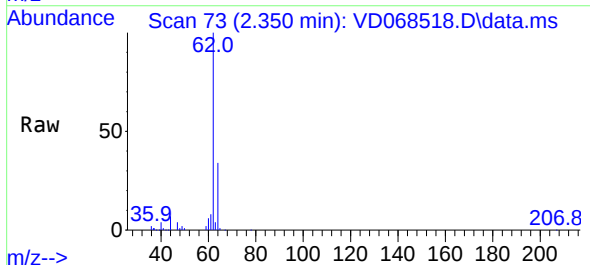
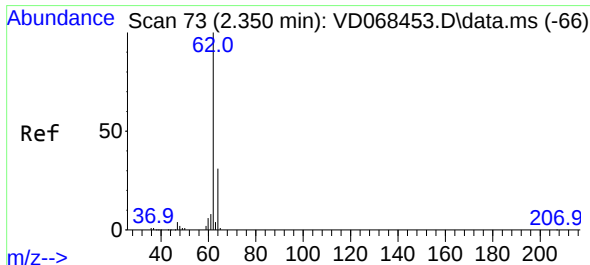
Tgt Ion: 50 Resp: 68509
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



Instrument :
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ClientSampleId :
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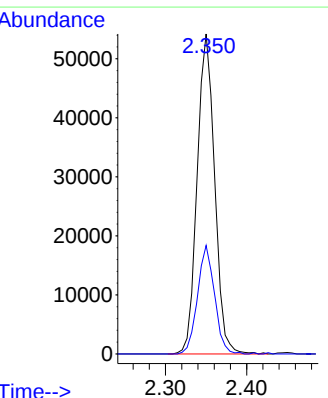
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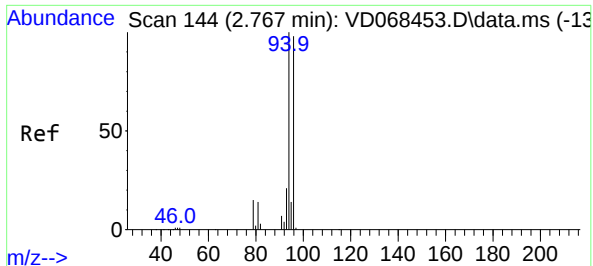
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#4
Vinyl Chloride
Concen: 19.04 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 62 Resp: 80981
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.2





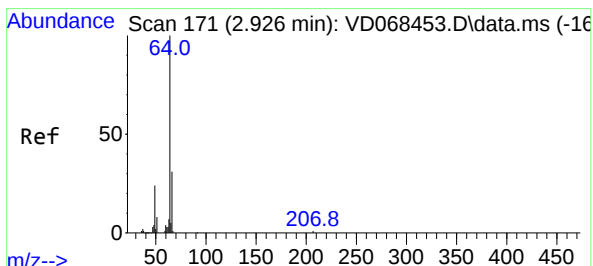
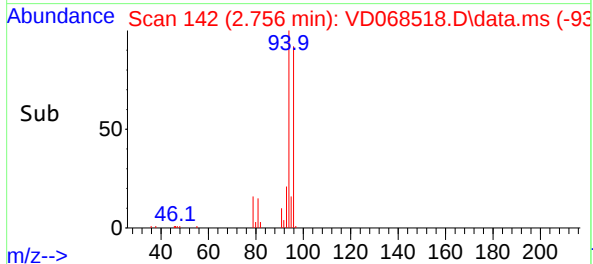
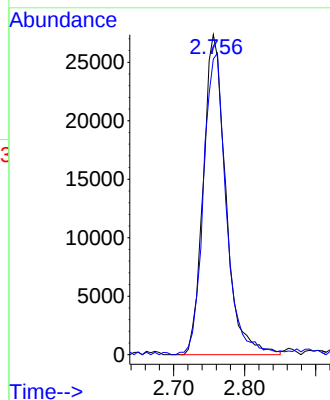
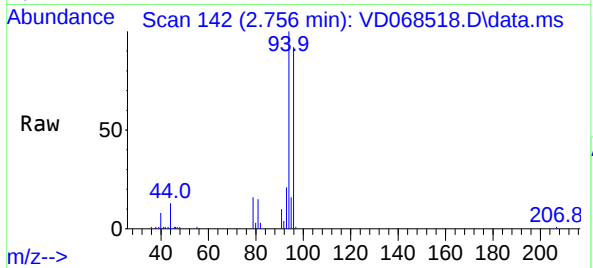
#5
Bromomethane
Concen: 19.86 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 94 Resp: 60168
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8

Instrument :
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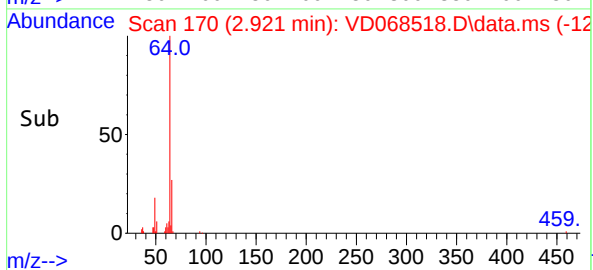
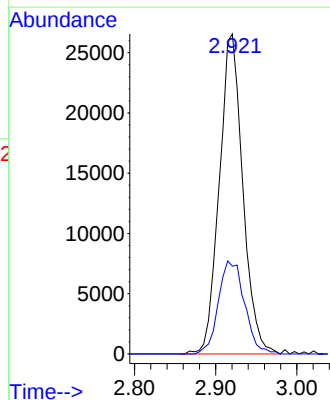
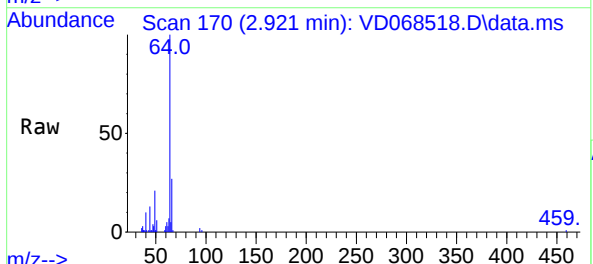
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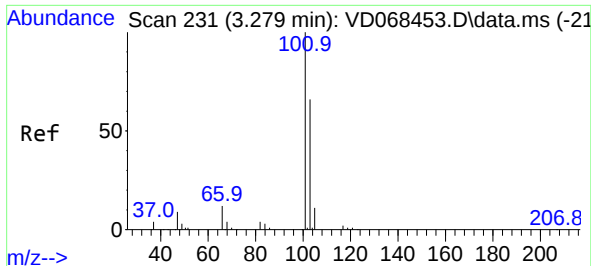
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#6
Chloroethane
Concen: 19.43 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 64 Resp: 53443
Ion Ratio Lower Upper
64 100
66 27.4 25.1 37.7





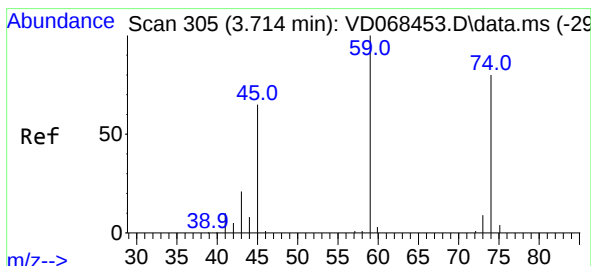
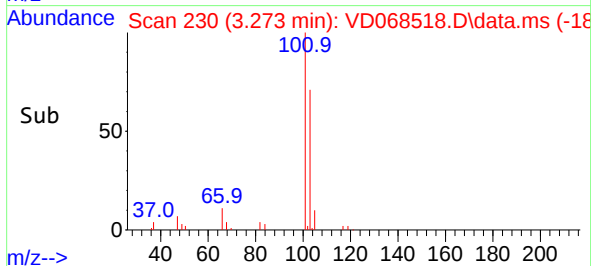
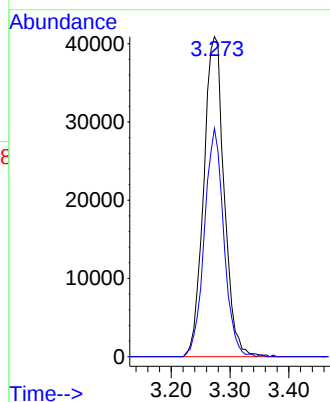
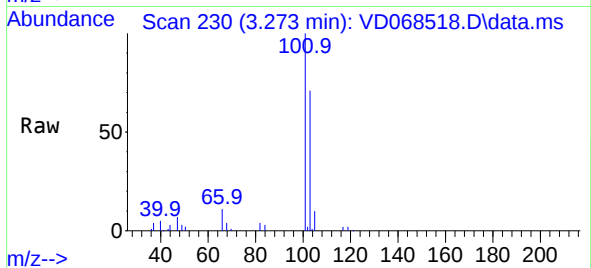
#7
Trichlorofluoromethane
Concen: 20.41 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:101 Resp: 99049
Ion Ratio Lower Upper
101 100
103 71.3 52.0 78.0

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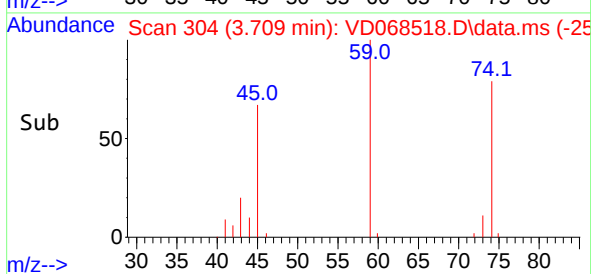
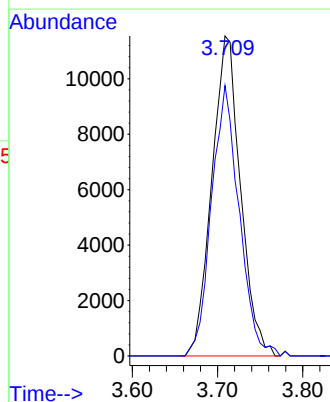
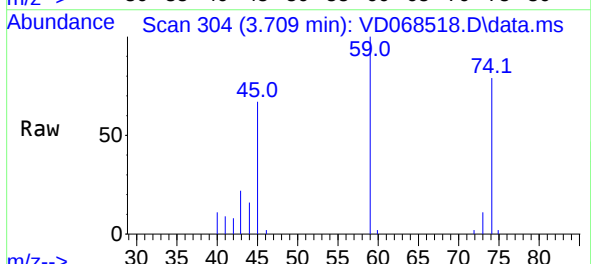
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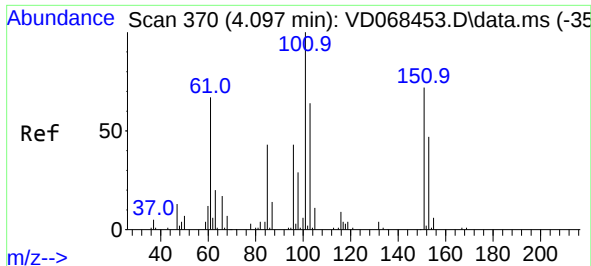
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#8
Diethyl Ether
Concen: 18.65 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 74 Resp: 26946
Ion Ratio Lower Upper
74 100
45 81.9 42.1 126.4





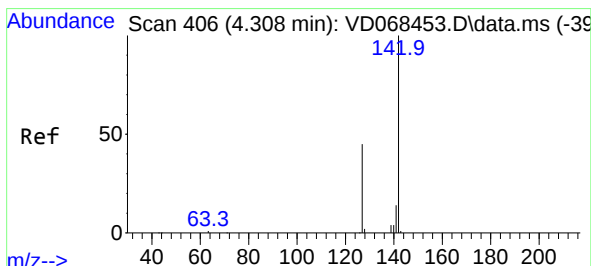
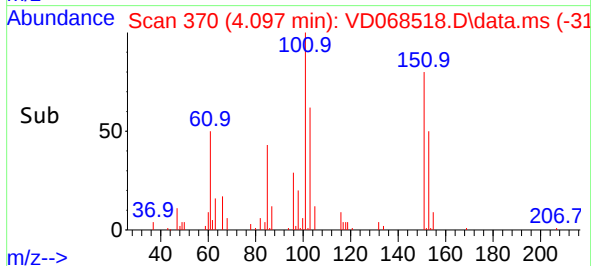
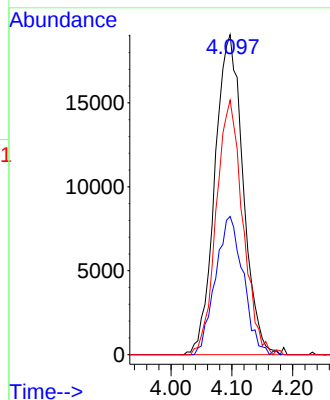
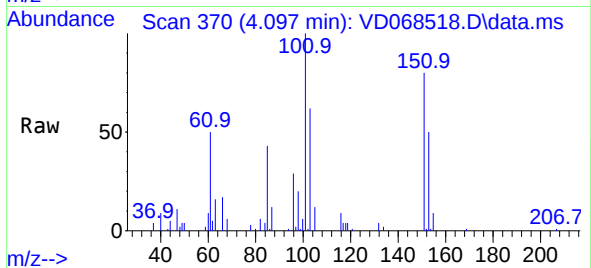
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.72 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:	101	Resp:	61256
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.0	51.0
151	74.8	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

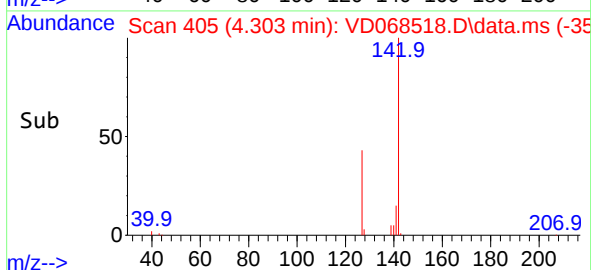
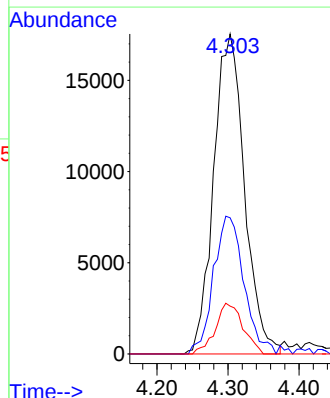
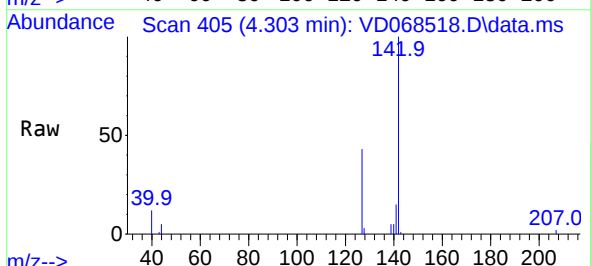
Manual Integrations
APPROVED

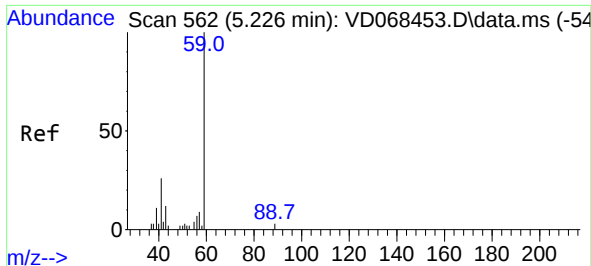
MMDadoda
3/5/2021 10:11:48 AM



#10
Methyl Iodide
Concen: 16.79 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:	142	Resp:	52878
Ion	Ratio	Lower	Upper
142	100		
127	42.4	37.9	56.9
141	14.2	11.5	17.3





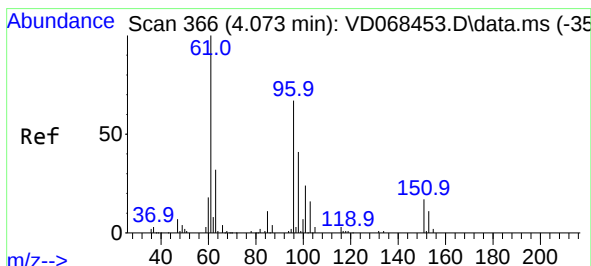
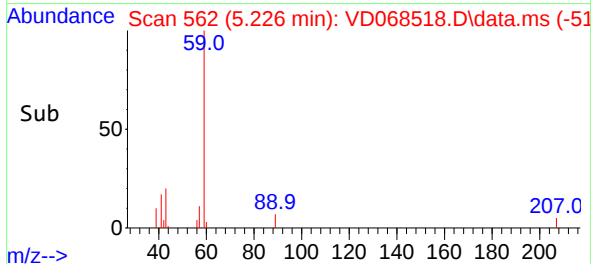
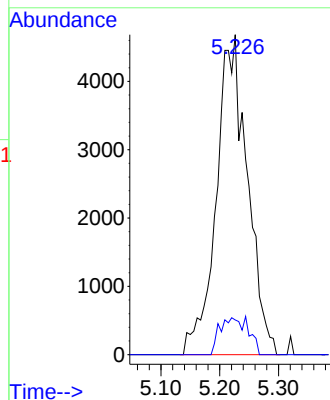
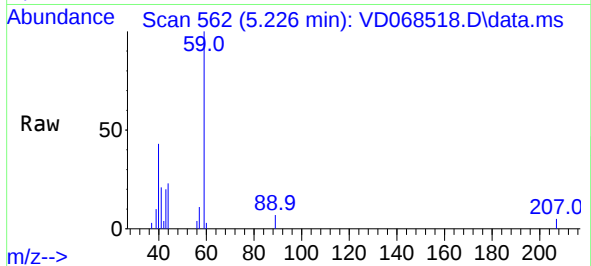
#11
Tert butyl alcohol
Concen: 110.40 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 59 Resp: 17204
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

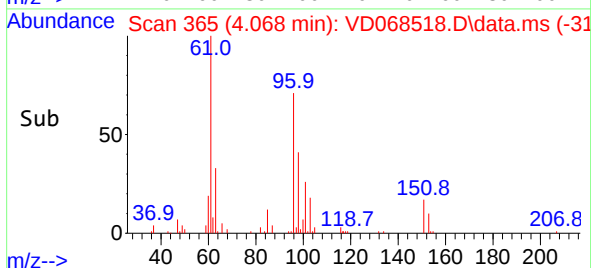
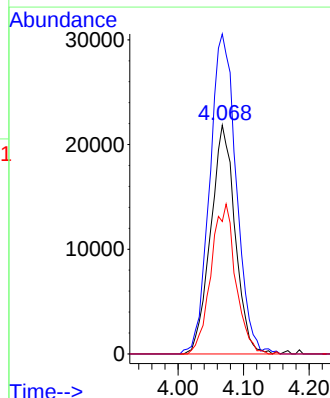
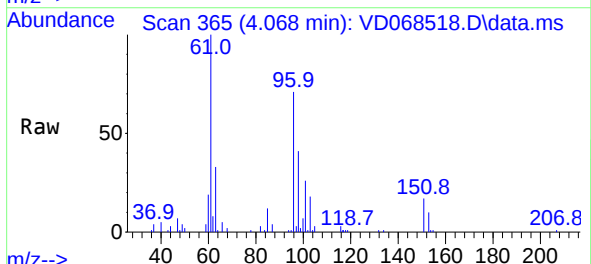
Manual Integrations
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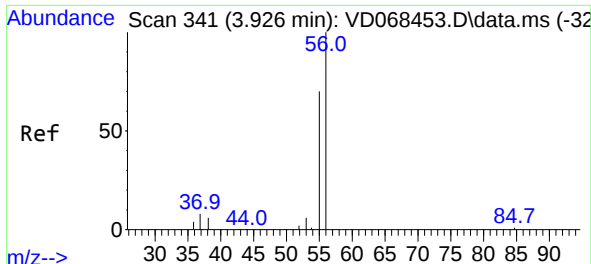
MMDadoda
3/5/2021 10:11:48 AM



#12
1,1-Dichloroethene
Concen: 19.27 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

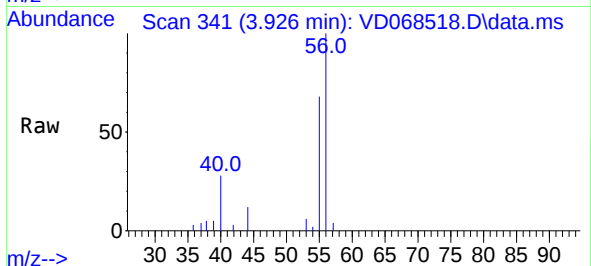
Tgt Ion: 96 Resp: 56544
Ion Ratio Lower Upper
96 100
61 139.9 116.2 174.4
98 57.9 48.6 73.0





#13
Acrolein
Concen: 86.14 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

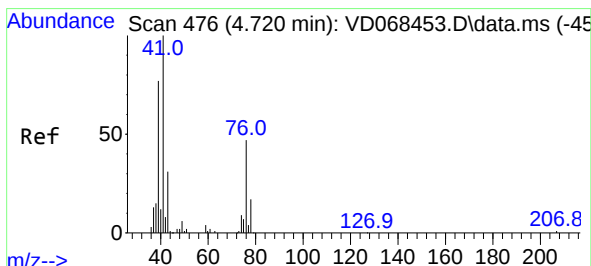
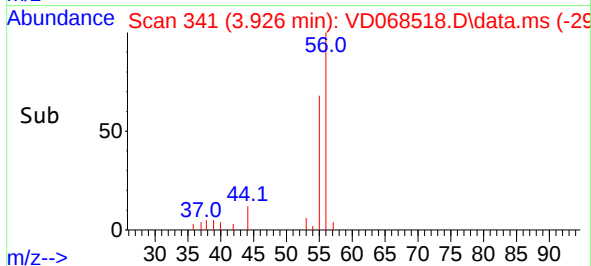
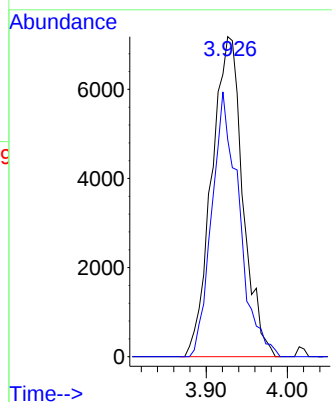
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



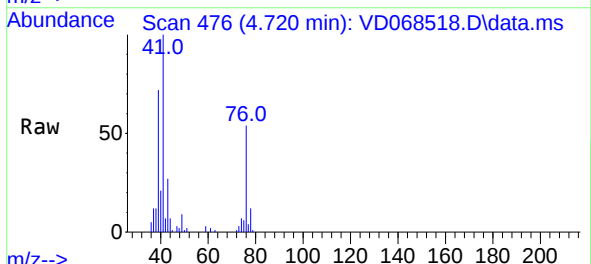
Tgt Ion: 56 Resp: 19186
Ion Ratio Lower Upper
56 100
55 72.4 56.5 84.7

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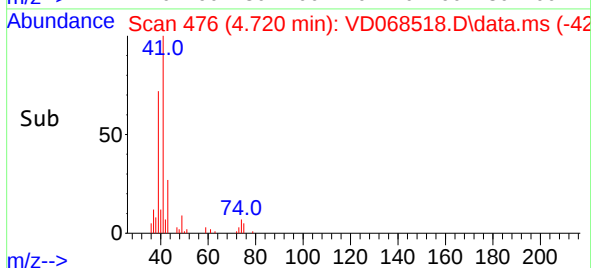
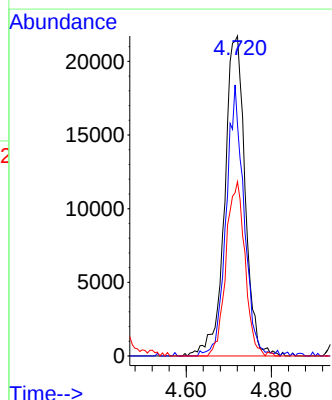
MMDadoda
3/5/2021 10:11:48 AM

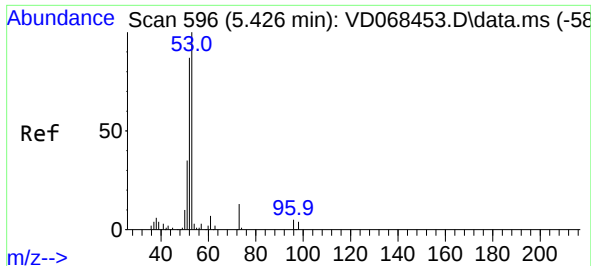


#14
Allyl chloride
Concen: 19.14 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 41 Resp: 72511
Ion Ratio Lower Upper
41 100
39 73.8 56.3 84.5
76 50.2 38.9 58.3





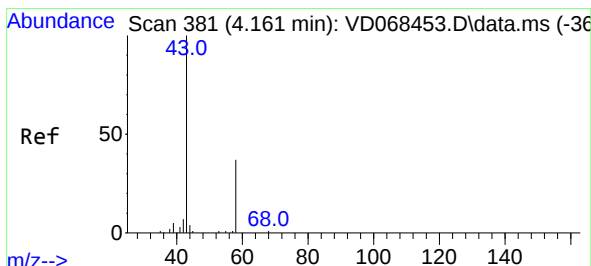
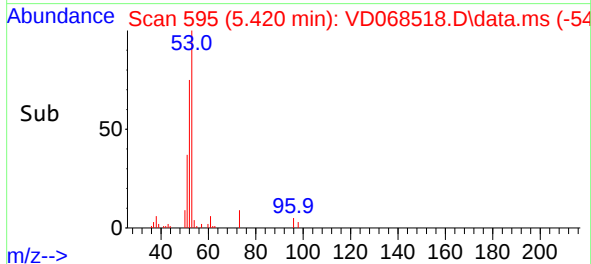
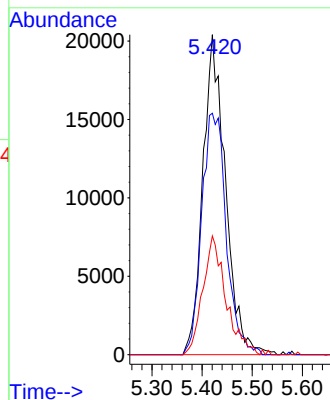
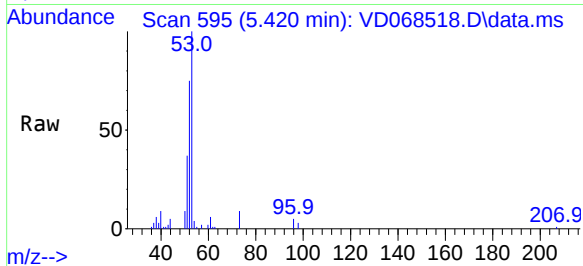
#15
Acrylonitrile
Concen: 105.06 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 53	Resp: 64064
Ion Ratio	Lower Upper
53 100	
52 81.5	66.2 99.2
51 37.8	29.0 43.4

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

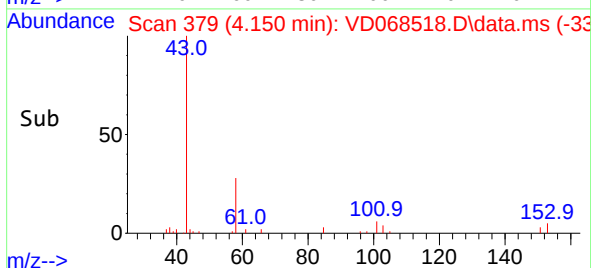
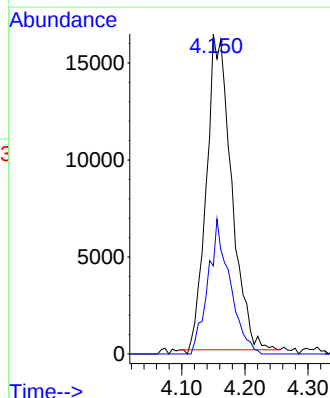
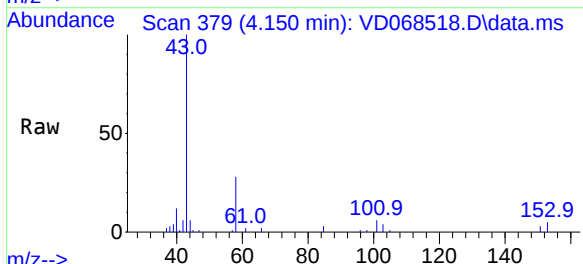
Manual Integrations
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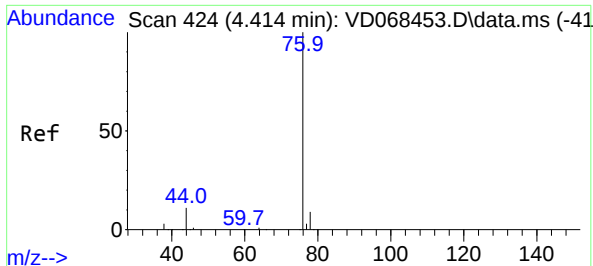
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#16
Acetone
Concen: 96.56 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43	Resp: 44764
Ion Ratio	Lower Upper
43 100	
58 27.9	24.2 36.4





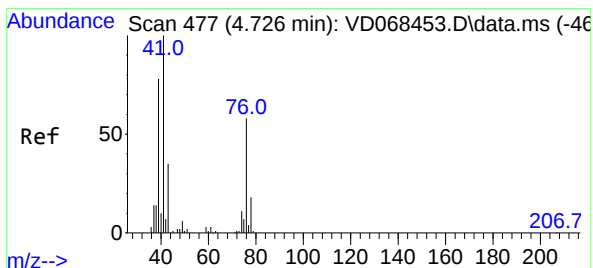
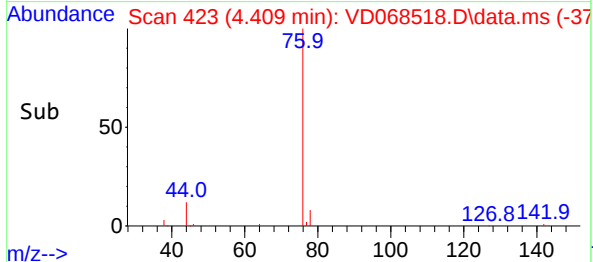
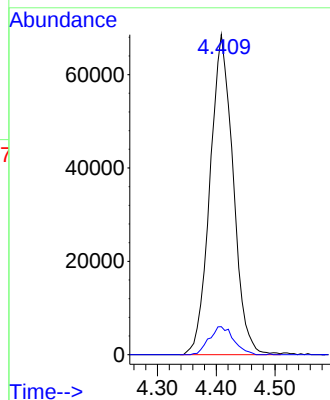
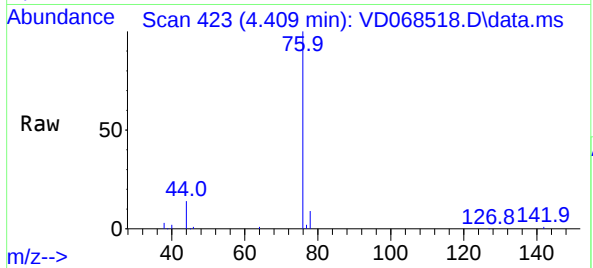
#17
Carbon Disulfide
Concen: 19.51 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 76 Resp: 187530
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

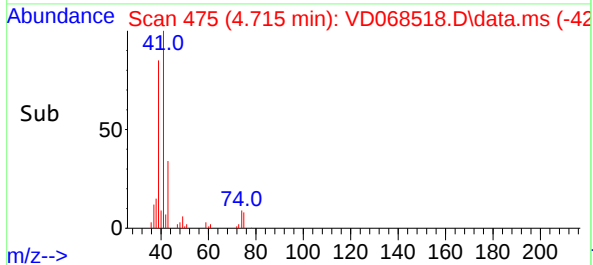
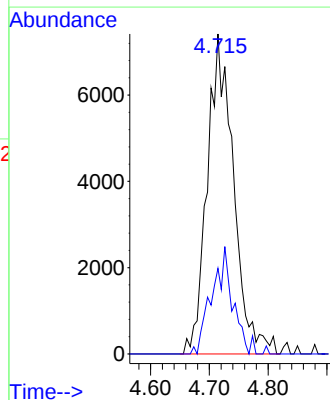
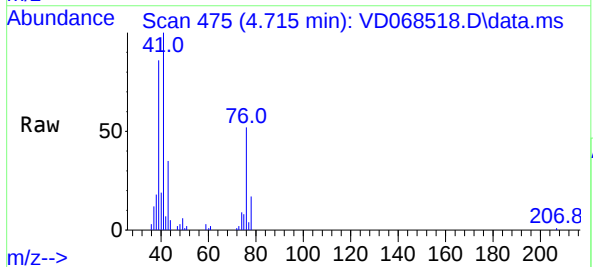
Manual Integrations
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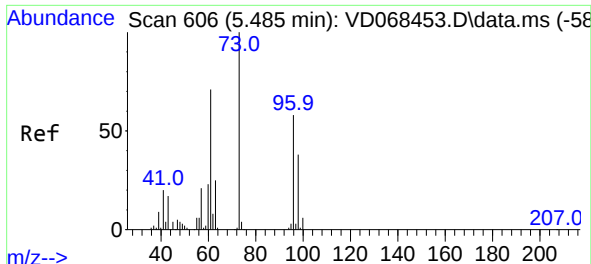
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#18
Methyl Acetate
Concen: 19.28 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

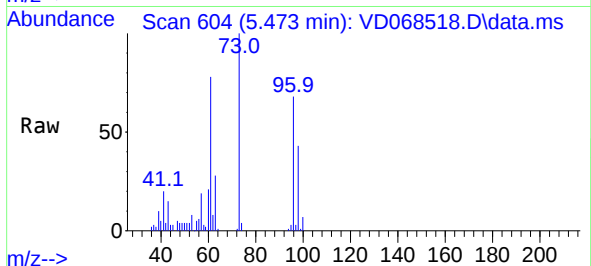
Tgt Ion: 43 Resp: 23036
Ion Ratio Lower Upper
43 100
74 26.1 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 21.55 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

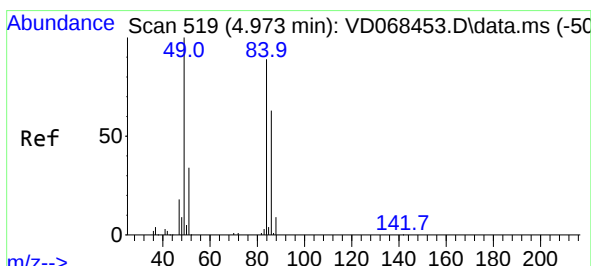
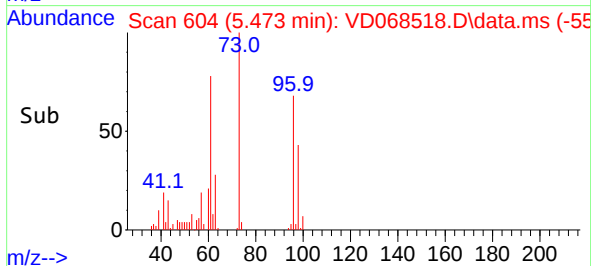
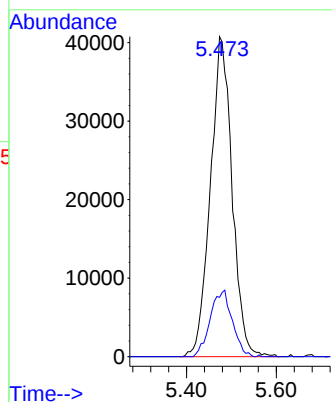
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



Tgt Ion: 73 Resp: 137045
Ion Ratio Lower Upper
73 100
57 18.5 14.4 21.6

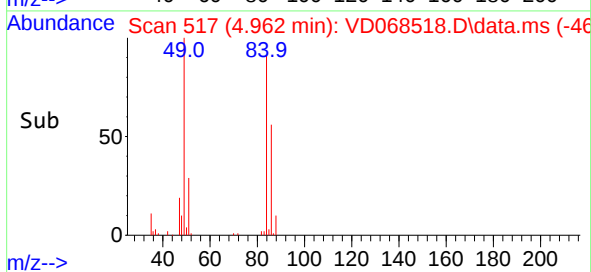
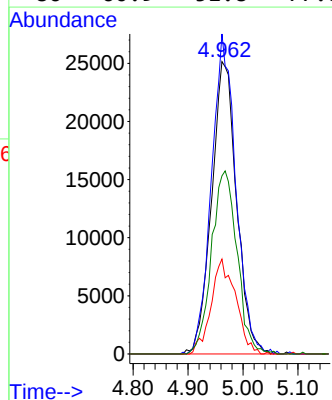
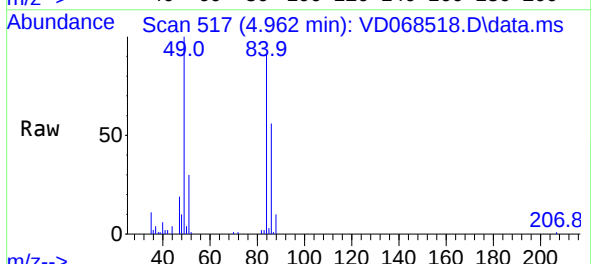
Manual Integrations
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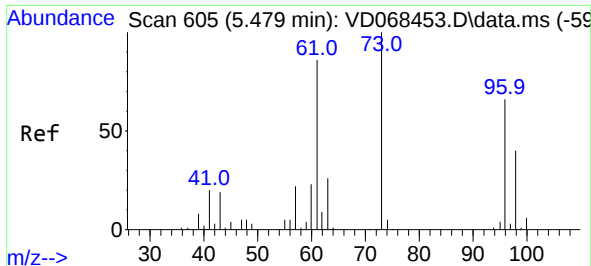
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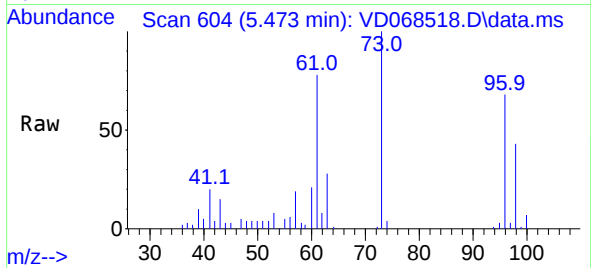
#20
Methylene Chloride
Concen: 20.49 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 84 Resp: 79546
Ion Ratio Lower Upper
84 100
49 109.5 77.4 116.2
51 32.5 26.1 39.1
86 60.9 51.8 77.8

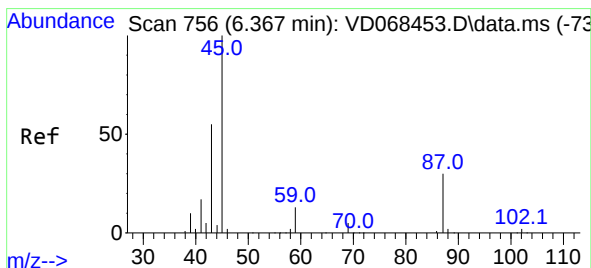
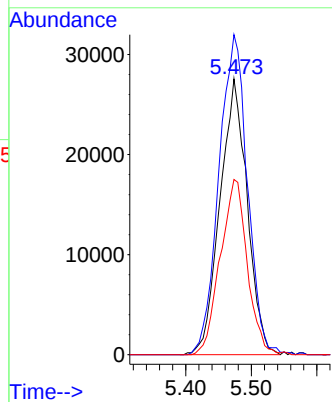
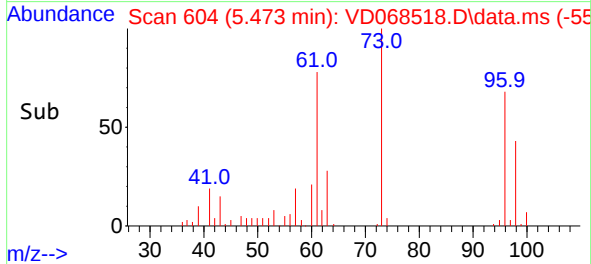




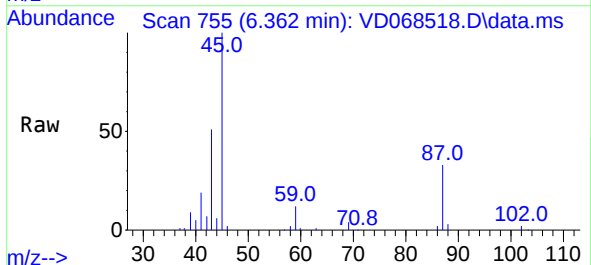
#21
trans-1,2-Dichloroethene
Concen: 22.70 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



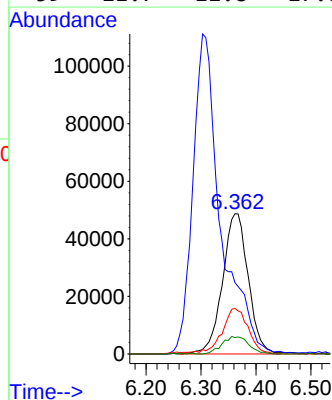
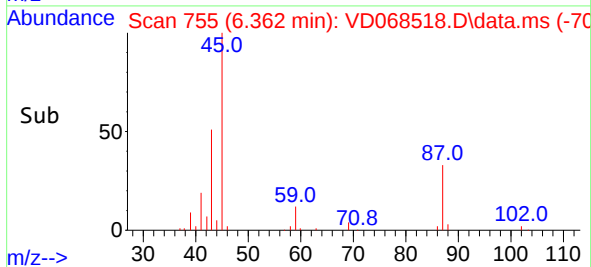
Tgt Ion: 96 Resp: 79506
Ion Ratio Lower Upper
96 100
61 116.0 96.7 145.1
98 63.5 47.6 71.4



#22
Diisopropyl ether
Concen: 18.95 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



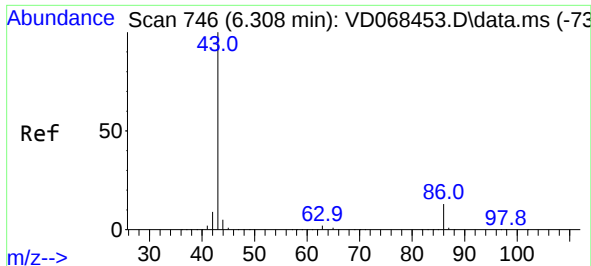
Tgt Ion: 45 Resp: 158053
Ion Ratio Lower Upper
45 100
43 49.2 43.9 65.9
87 32.5 29.9 44.9
59 11.7 11.8 17.8#



Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

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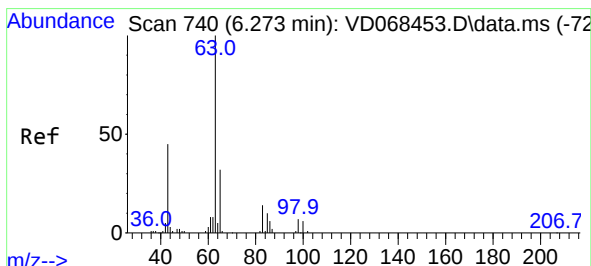
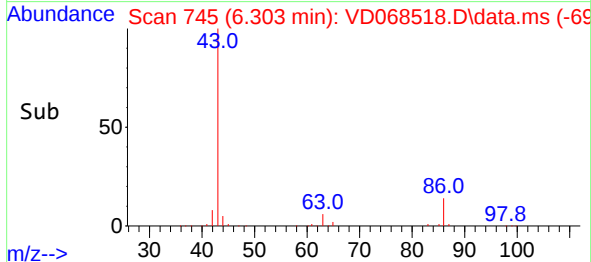
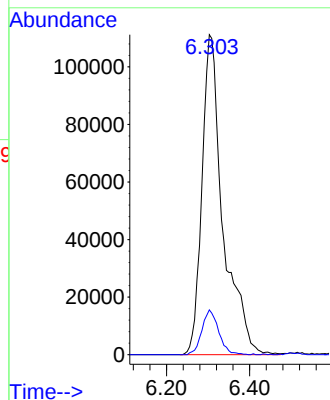
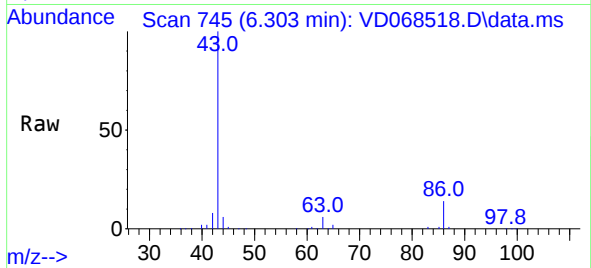
#23
 Vinyl Acetate
 Concen: 90.37 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068518.D
 Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 391081
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

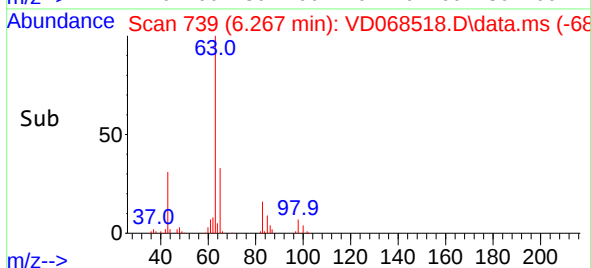
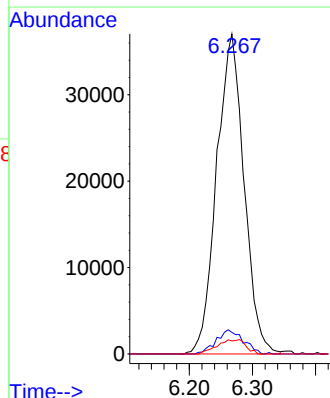
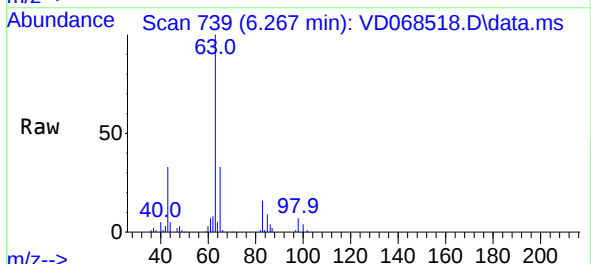
Manual Integrations
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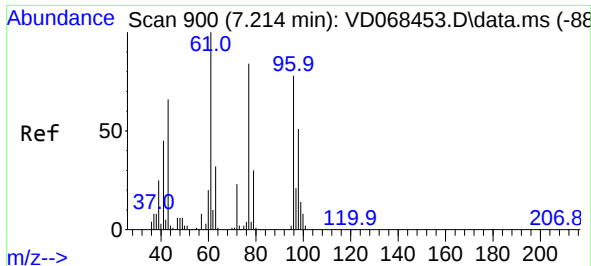
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#24
 1,1-Dichloroethane
 Concen: 19.52 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068518.D
 Acq: 04 Mar 2021 11:41

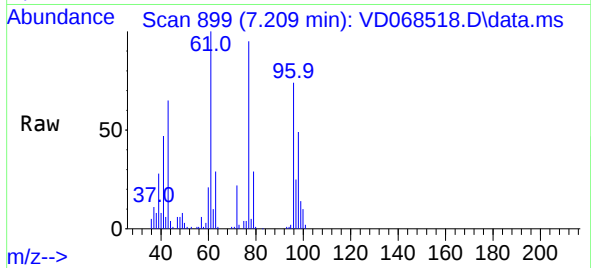
Tgt Ion: 63 Resp: 111609
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.1 2.6 8.0





#25
2-Butanone
Concen: 91.97 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

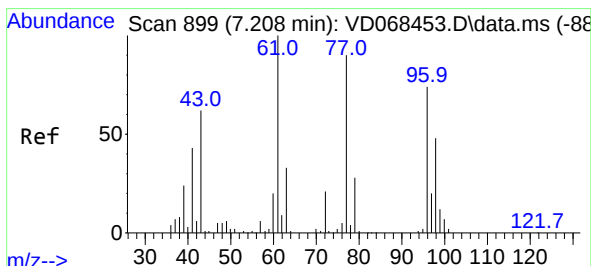
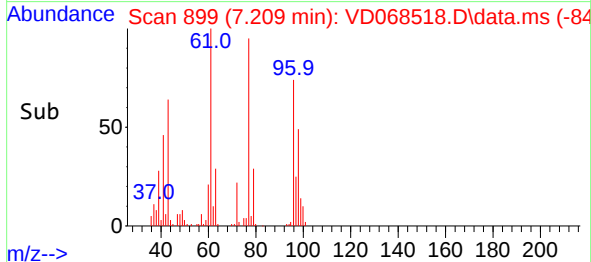
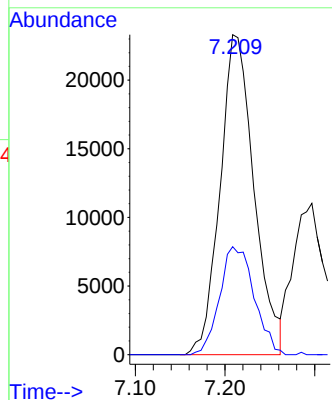
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



Tgt Ion: 43 Resp: 61289
Ion Ratio Lower Upper
43 100
72 33.8 25.1 37.7

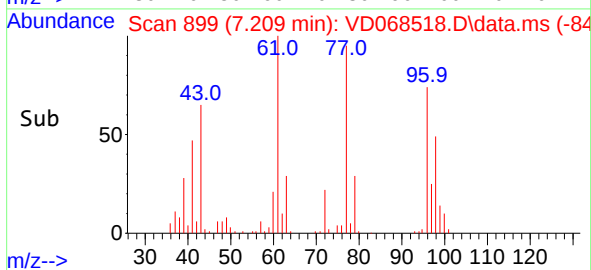
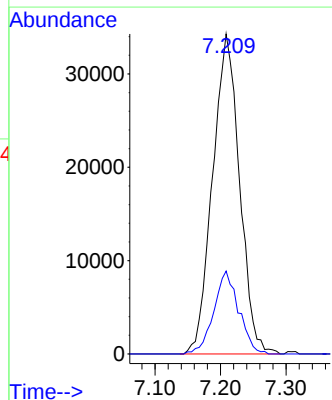
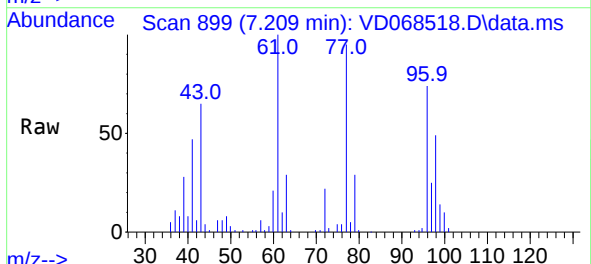
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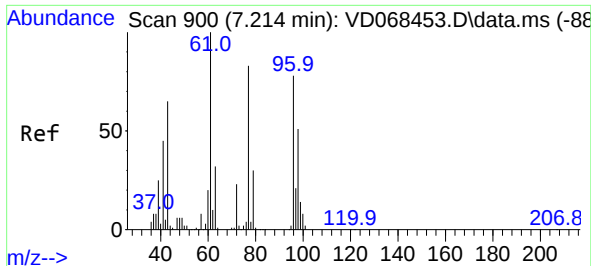
MMDadoda
3/5/2021 10:11:48 AM



#26
2,2-Dichloropropane
Concen: 20.54 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

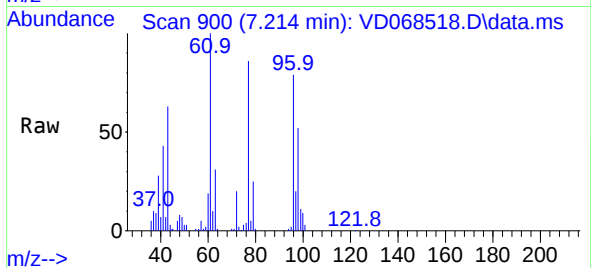
Tgt Ion: 77 Resp: 97832
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 19.63 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

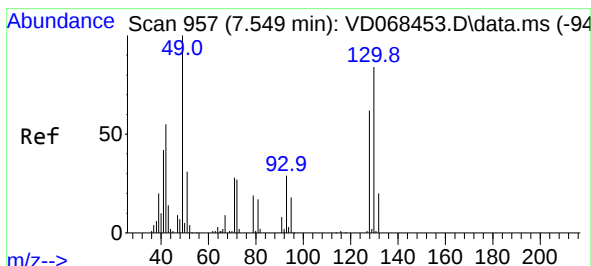
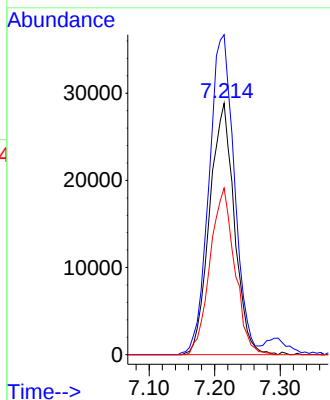
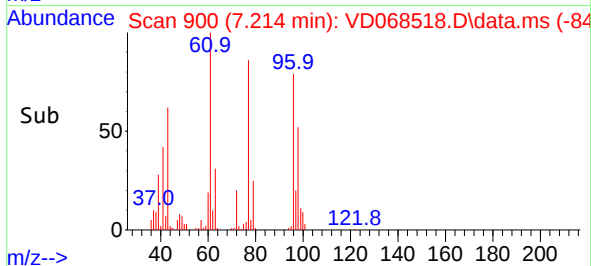
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



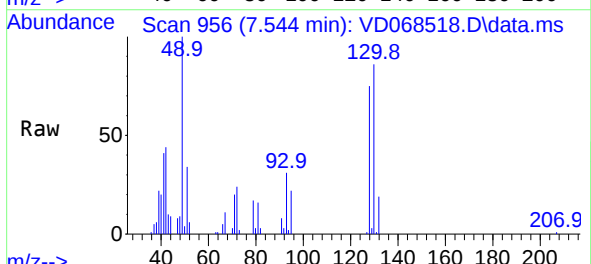
Tgt Ion: 96 Resp: 75505
Ion Ratio Lower Upper
96 100
61 130.7 0.0 257.4
98 66.4 0.0 126.6

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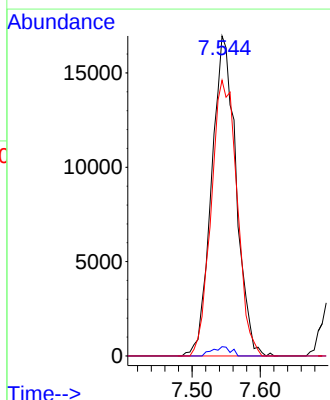
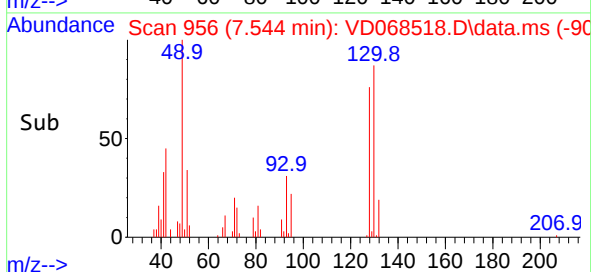
MMDadoda
3/5/2021 10:11:48 AM

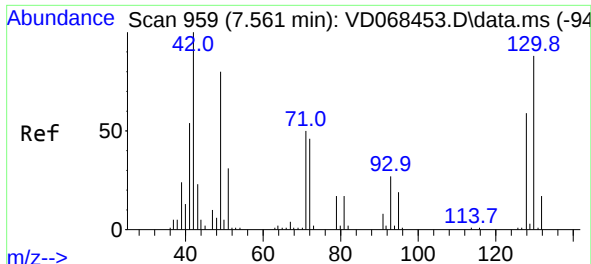


#28
Bromochloromethane
Concen: 18.99 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 49 Resp: 42375
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 90.9 85.5 128.3





#29

Tetrahydrofuran

Concen: 89.00 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068518.D

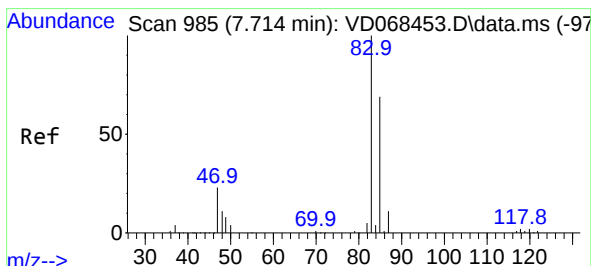
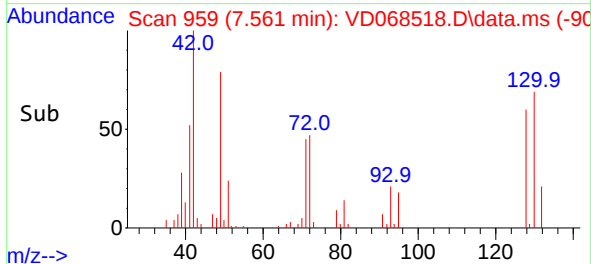
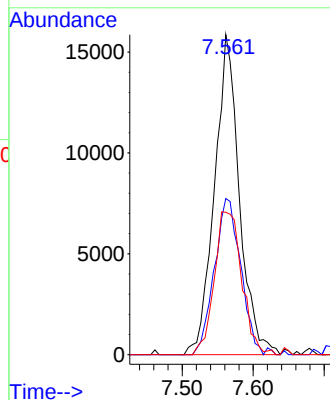
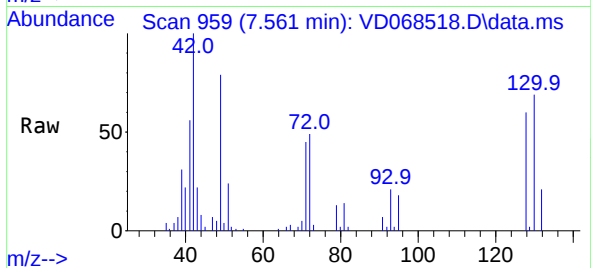
Acq: 04 Mar 2021 11:41

Tgt Ion:	42	Resp:	38515
Ion	Ratio	Lower	Upper
42	100		
72	51.5	43.4	65.0
71	49.4	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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#30

Chloroform

Concen: 19.94 ug/l

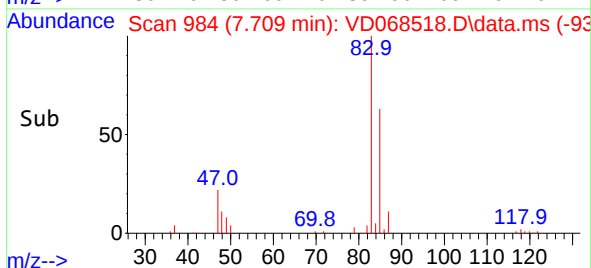
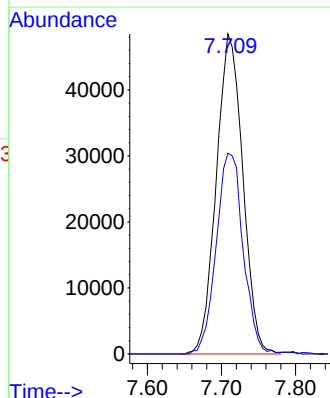
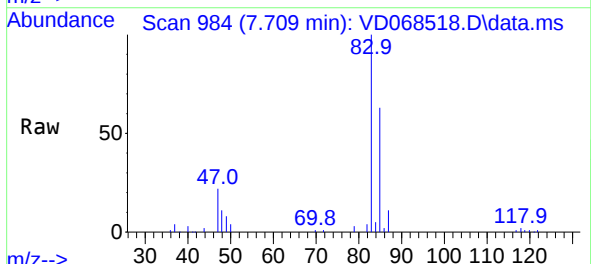
RT: 7.709 min Scan# 984

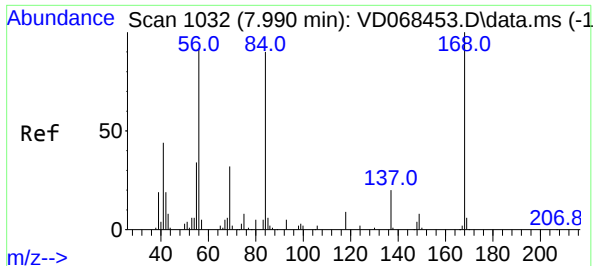
Delta R.T. -0.005 min

Lab File: VD068518.D

Acq: 04 Mar 2021 11:41

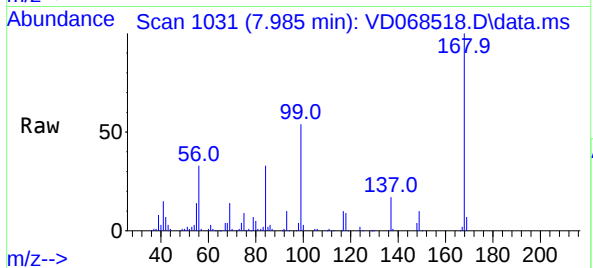
Tgt Ion:	83	Resp:	120428
Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.4	80.0





#31
Cyclohexane
Concen: 18.84 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

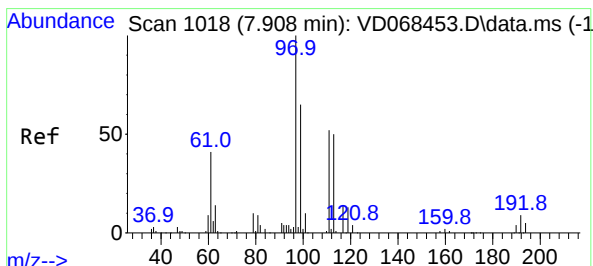
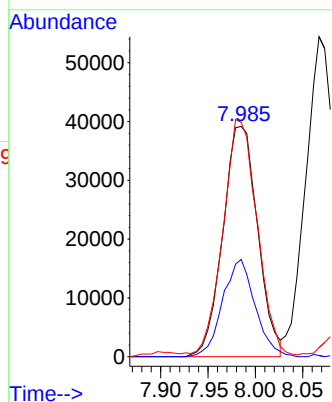
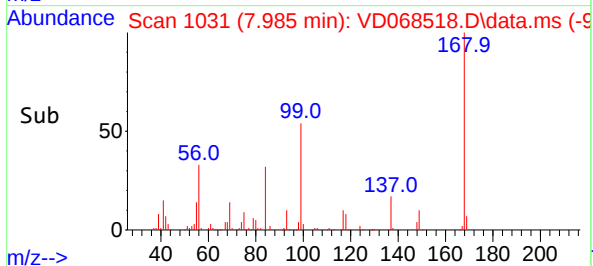
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



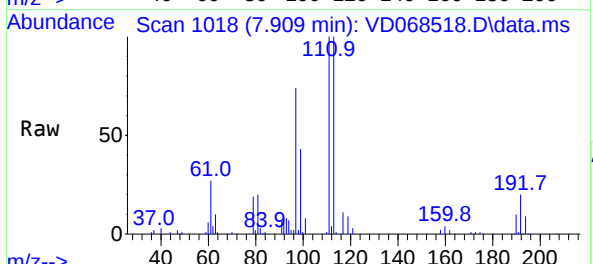
Tgt Ion: 56 Resp: 100003
Ion Ratio Lower Upper
56 100
69 42.2 30.1 45.1
84 100.4 82.1 123.1

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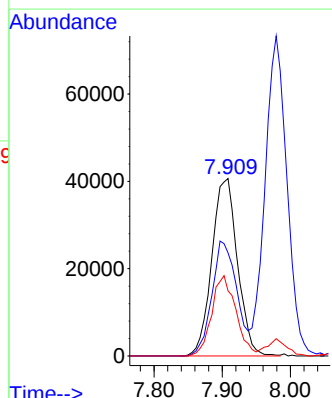
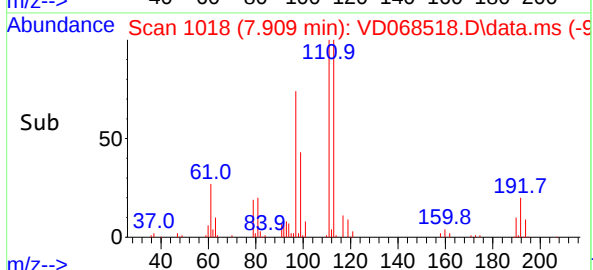
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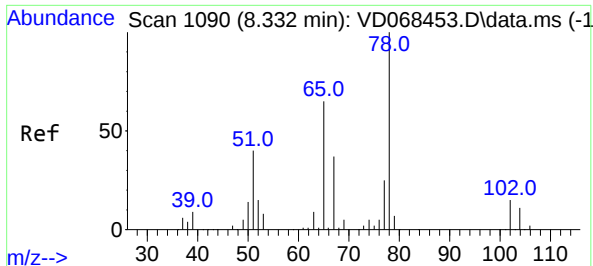


#32
1,1,1-Trichloroethane
Concen: 20.67 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 97 Resp: 106521
Ion Ratio Lower Upper
97 100
99 62.6 52.1 78.1
61 42.5 30.1 45.1





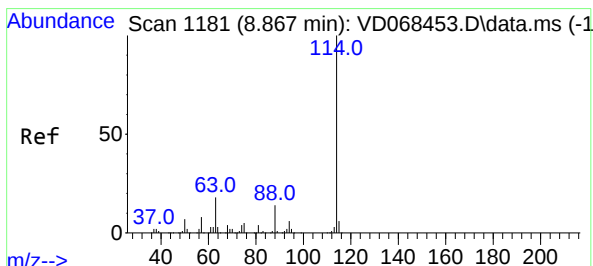
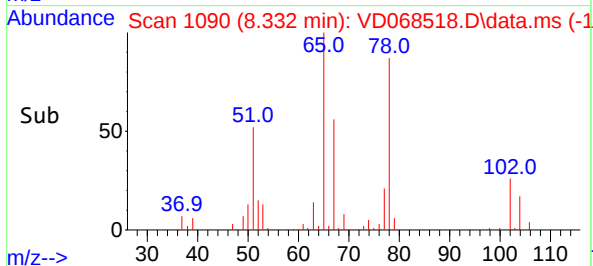
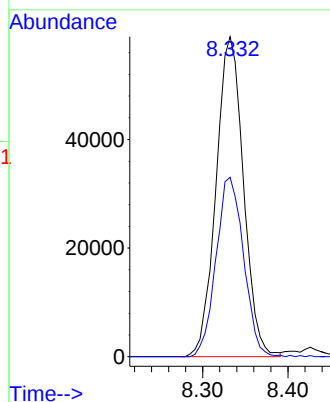
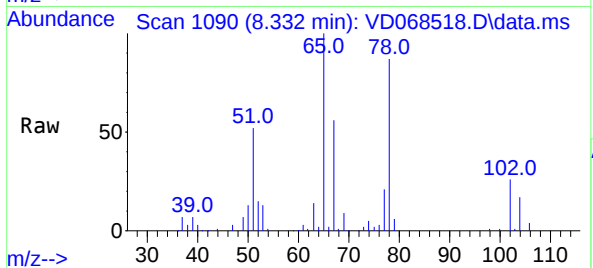
#33
1,2-Dichloroethane-d4
Concen: 45.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 65 Resp: 131548
Ion Ratio Lower Upper
65 100
67 56.3 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

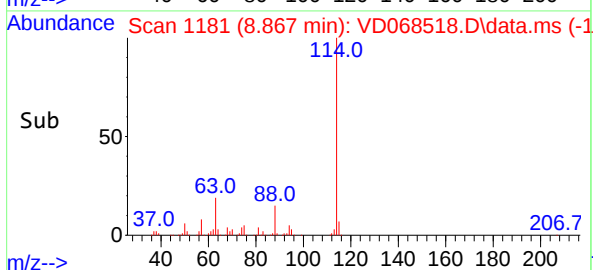
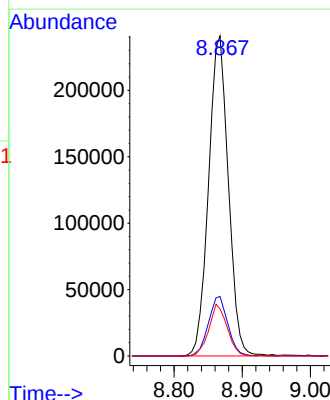
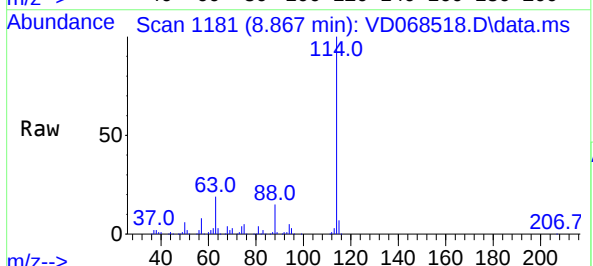
Manual Integrations
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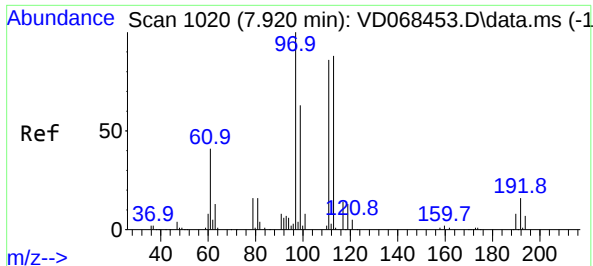
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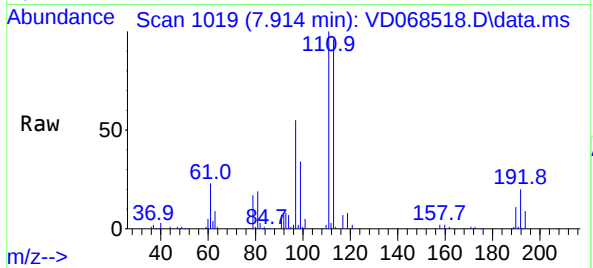
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 114 Resp: 485926
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.7 0.0 31.6

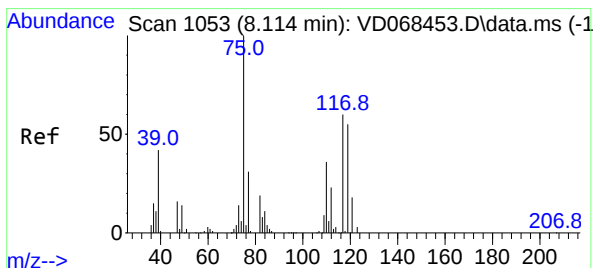
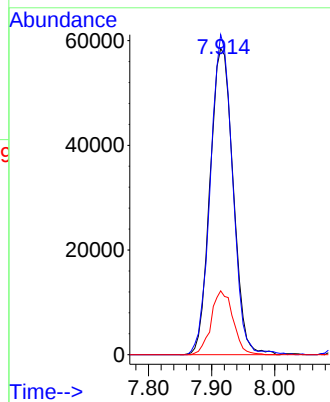
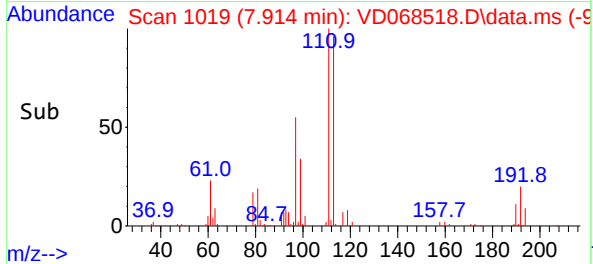




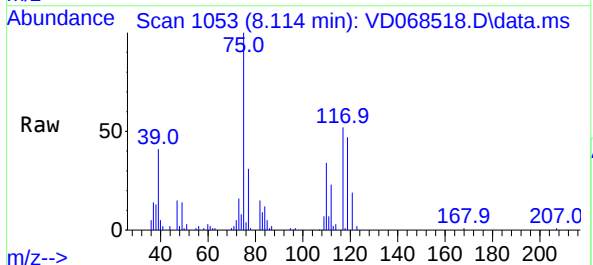
#35
Dibromofluoromethane
Concen: 50.84 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



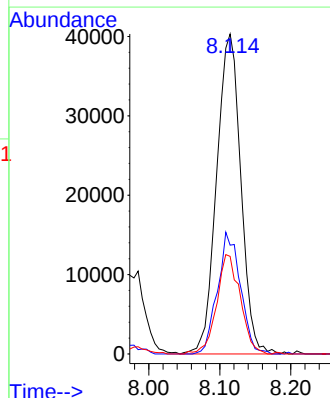
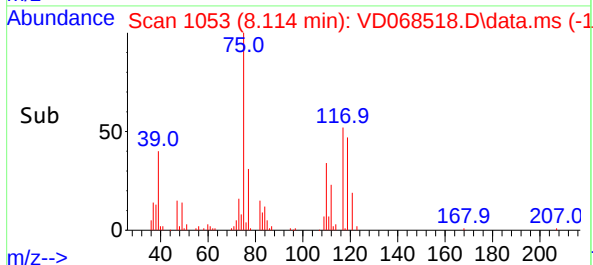
Tgt Ion:113 Resp: 148826
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 19.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 20.62 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



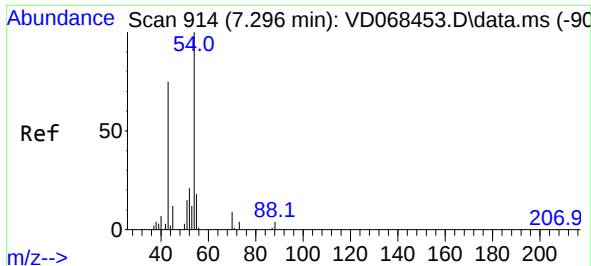
Tgt Ion: 75 Resp: 95235
Ion Ratio Lower Upper
75 100
110 36.1 19.4 58.2
77 30.2 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

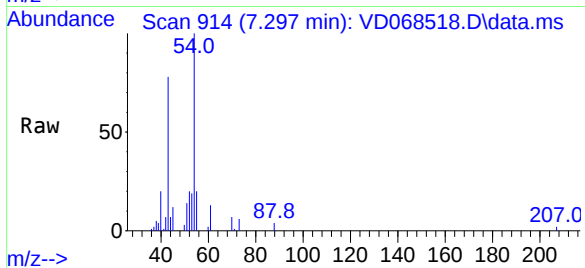
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#37
Ethyl Acetate
Concen: 19.07 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

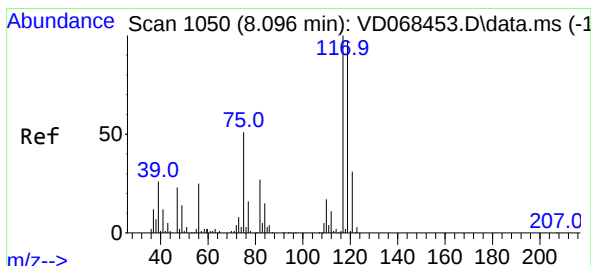
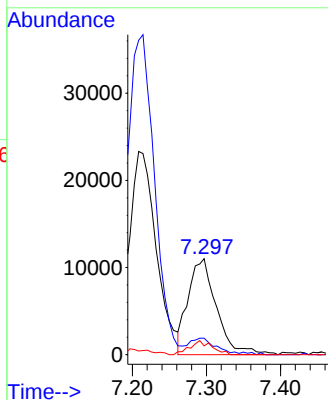
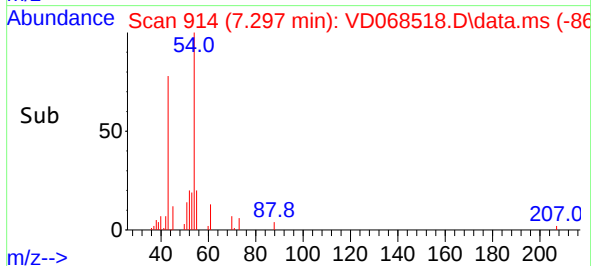
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



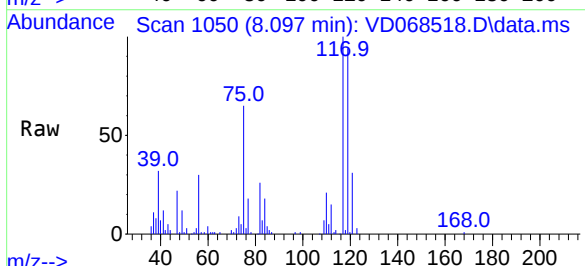
Tgt Ion: 43 Resp: 29222
Ion Ratio Lower Upper
43 100
61 14.1 12.9 19.3
70 11.5 11.0 16.6

Manual Integrations
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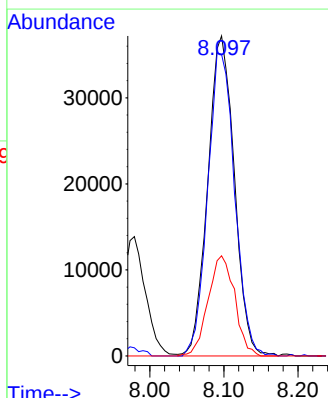
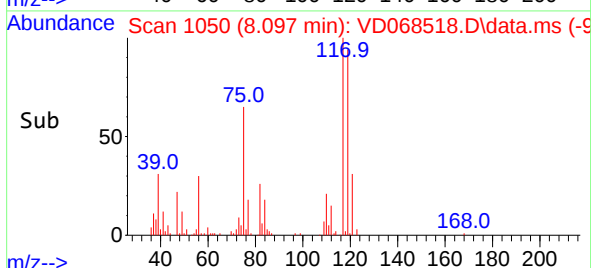
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3/5/2021 10:11:48 AM

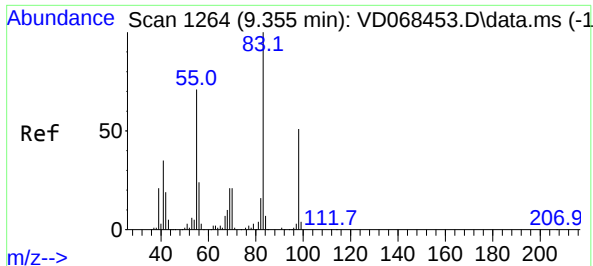


#38
Carbon Tetrachloride
Concen: 21.31 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 117 Resp: 92477
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 20.44 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068518.D

Acq: 04 Mar 2021 11:41

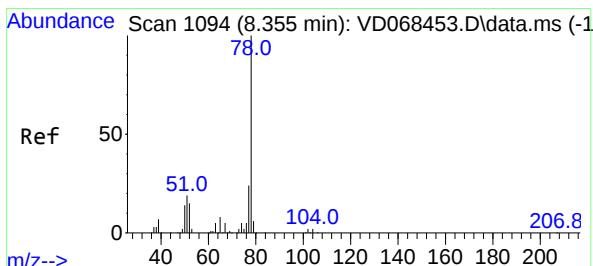
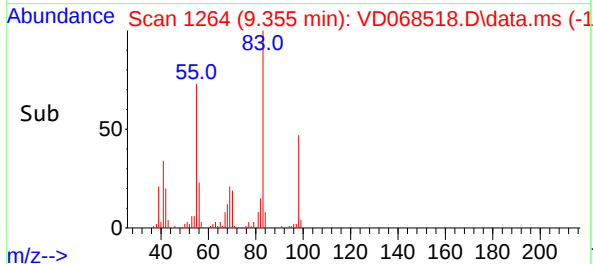
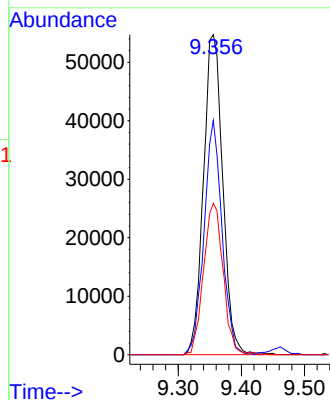
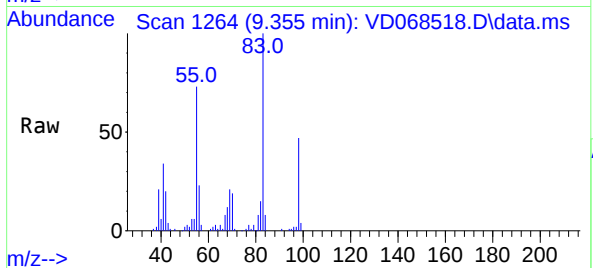
Tgt Ion: 83 Resp: 116441

Ion	Ratio	Lower	Upper
83	100		
55	73.2	55.2	82.8
98	47.3	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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#40

Benzene

Concen: 20.07 ug/l

RT: 8.350 min Scan# 1093

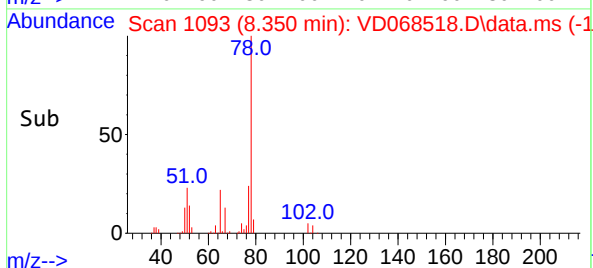
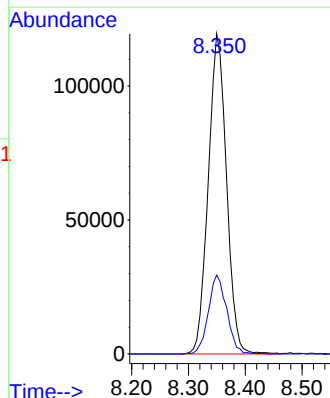
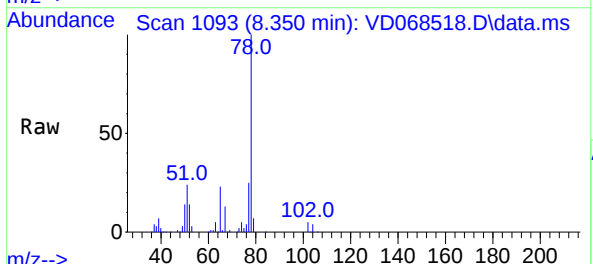
Delta R.T. -0.005 min

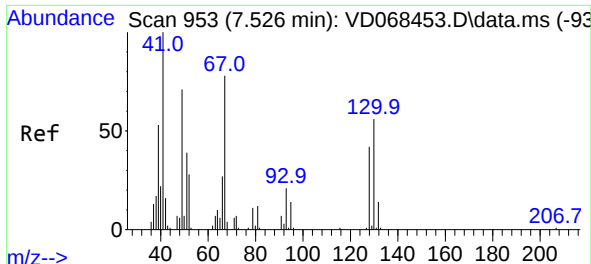
Lab File: VD068518.D

Acq: 04 Mar 2021 11:41

Tgt Ion: 78 Resp: 265905

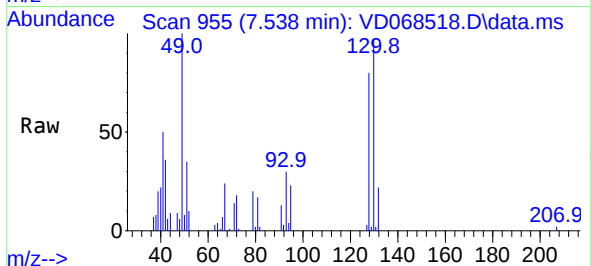
Ion	Ratio	Lower	Upper
78	100		
77	24.7	17.8	26.6





#41
Methacrylonitrile
Concen: 20.74 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

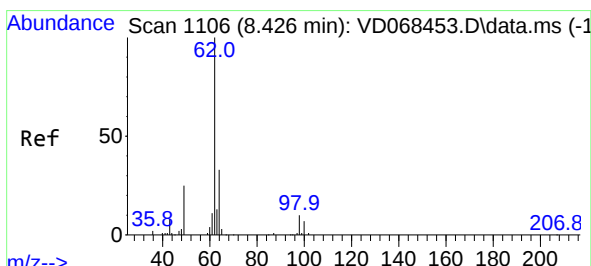
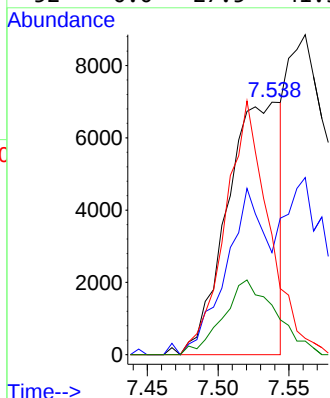
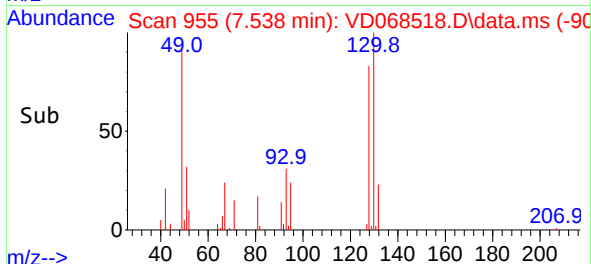
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



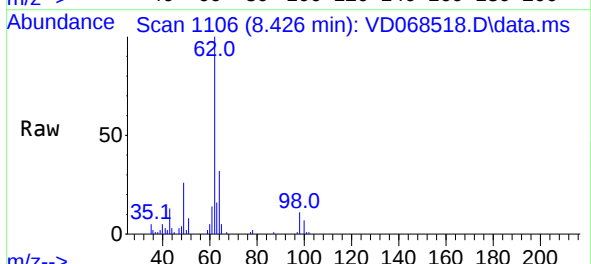
Tgt Ion: 41 Resp: 18446
Ion Ratio Lower Upper
41 100
39 59.6 45.2 67.8
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
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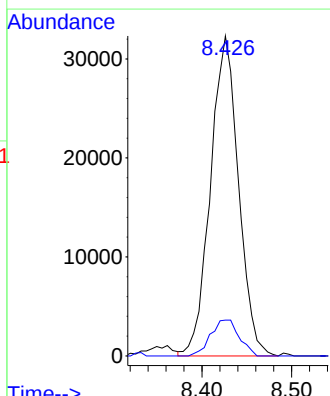
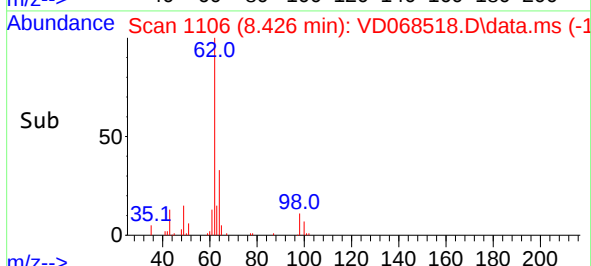
MMDadoda
3/5/2021 10:11:48 AM

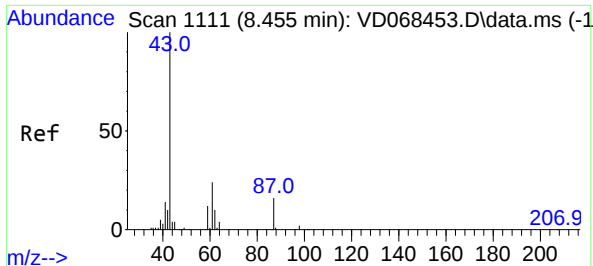


#42
1,2-Dichloroethane
Concen: 20.14 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 62 Resp: 70161
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.8





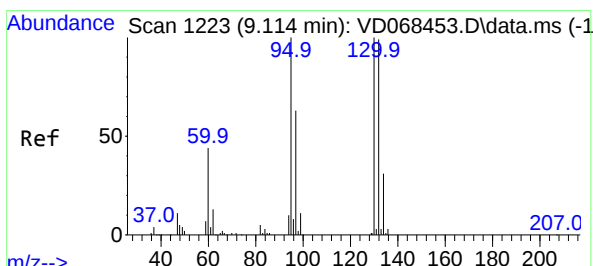
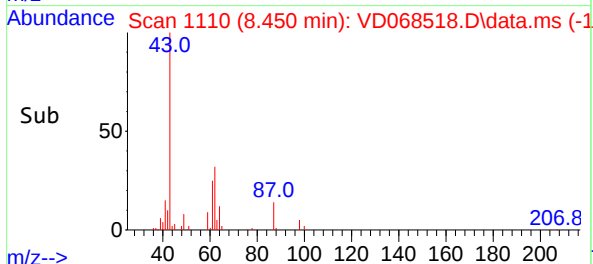
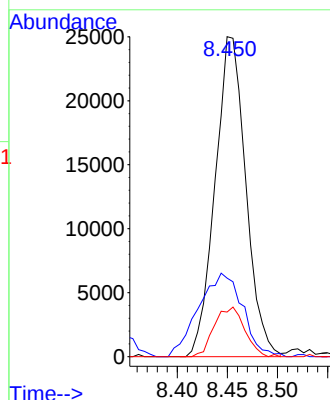
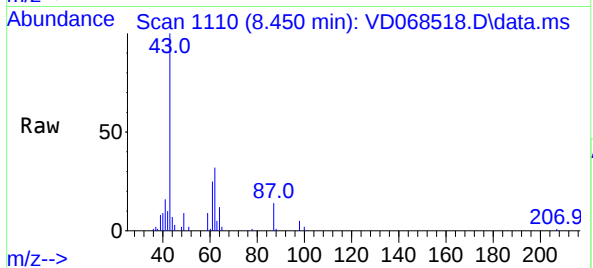
#43
Isopropyl Acetate
Concen: 18.93 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 53317
Ion Ratio Lower Upper
43 100
61 37.4 28.7 43.1
87 15.4 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

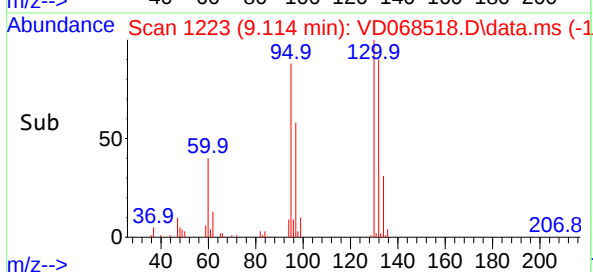
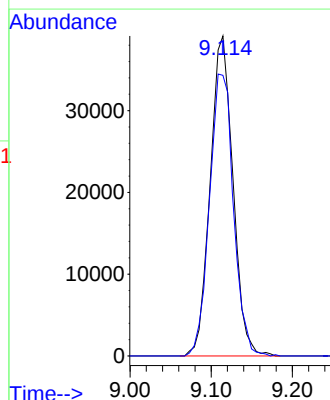
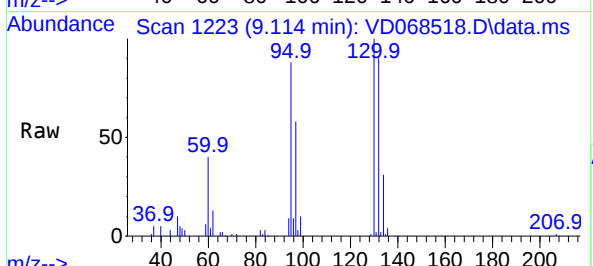
Manual Integrations
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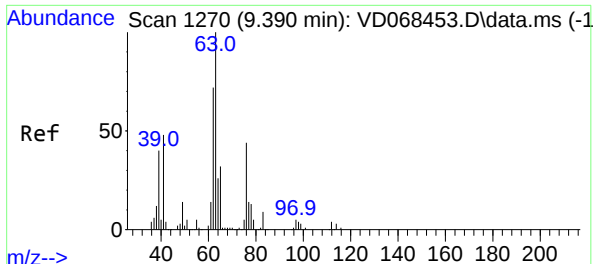
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#44
Trichloroethene
Concen: 20.95 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:130 Resp: 76198
Ion Ratio Lower Upper
130 100
95 87.7 0.0 191.2





#45

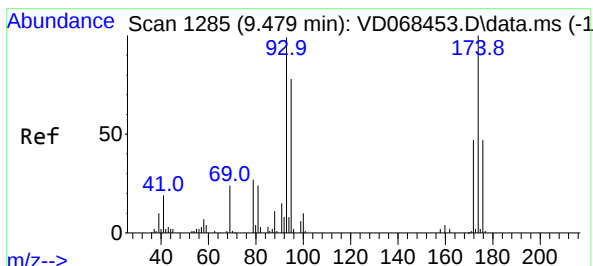
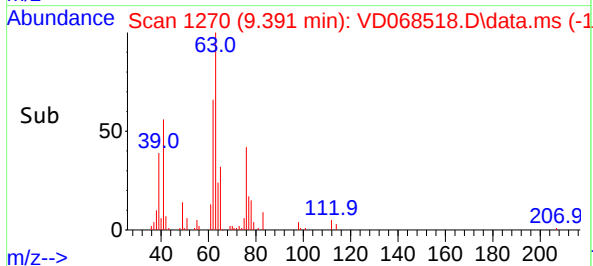
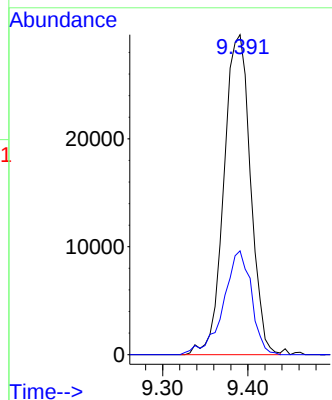
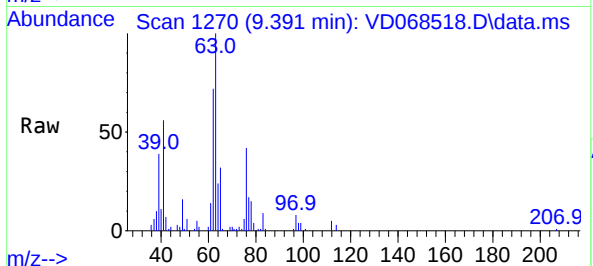
1,2-Dichloropropane
Concen: 20.28 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 63 Resp: 64226
Ion Ratio Lower Upper
63 100
65 32.5 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
APPROVED

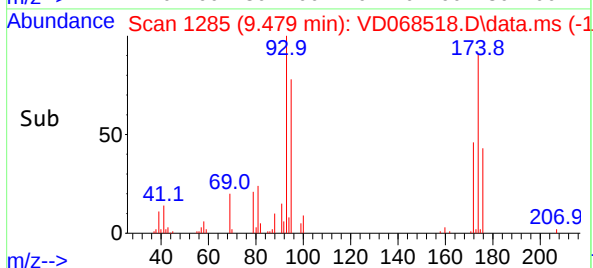
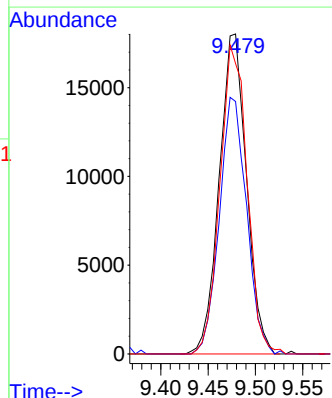
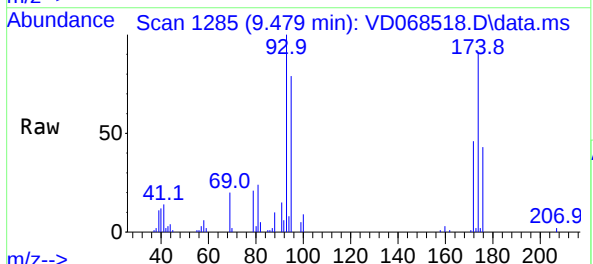
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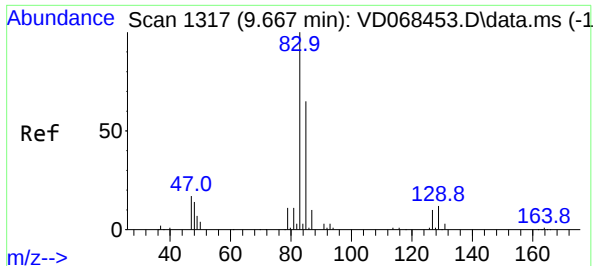


#46

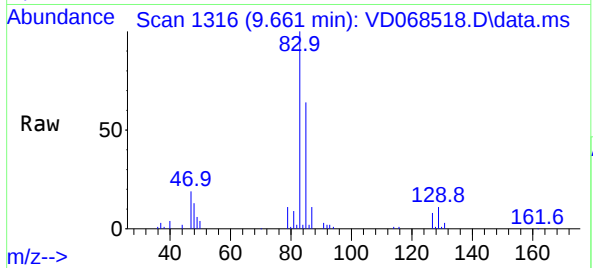
Dibromomethane
Concen: 20.94 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 93 Resp: 36074
Ion Ratio Lower Upper
93 100
95 80.2 67.3 100.9
174 96.0 84.6 127.0

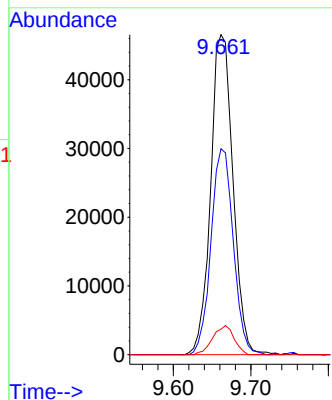




#47
Bromodichloromethane
Concen: 20.93 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



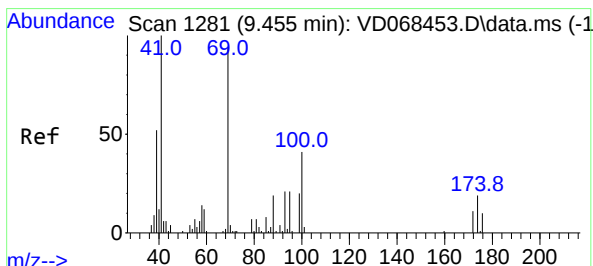
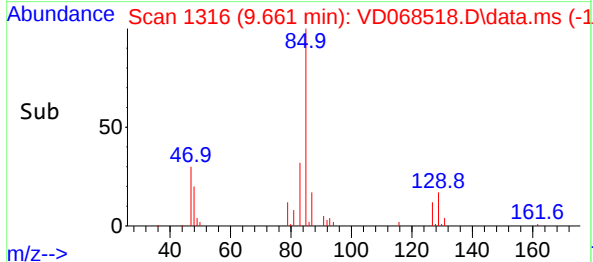
Tgt Ion: 83 Resp: 93283
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4
127 8.0 7.4 11.0



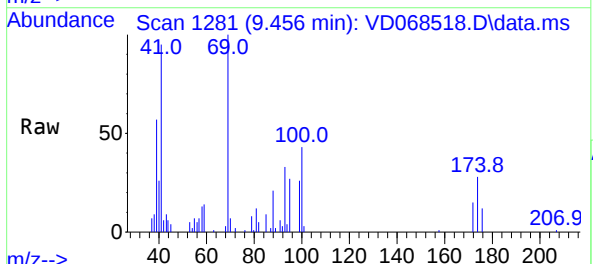
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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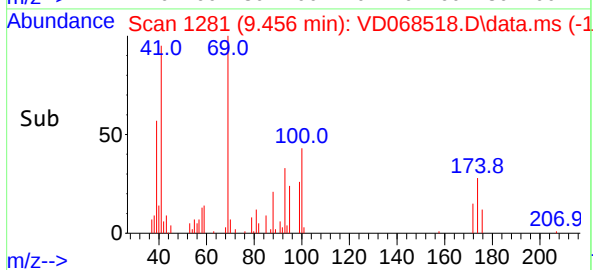
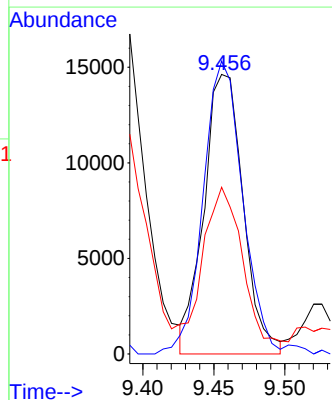
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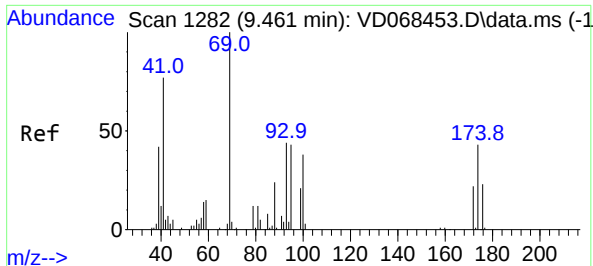


#48
Methyl methacrylate
Concen: 18.76 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 41 Resp: 28161
Ion Ratio Lower Upper
41 100
69 104.8 77.1 115.7
39 51.1 41.5 62.3





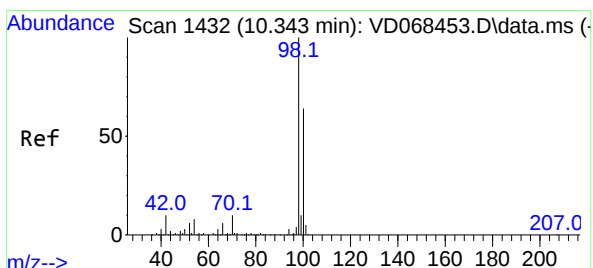
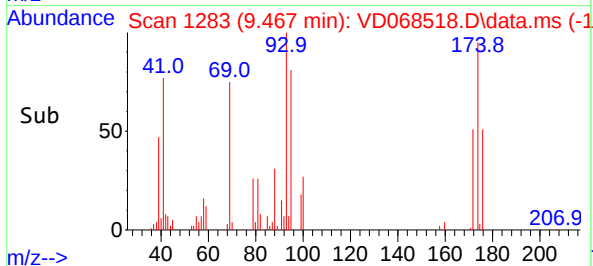
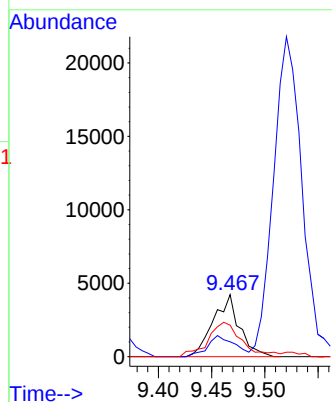
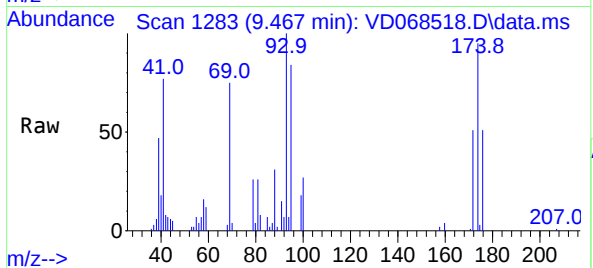
#49
1,4-Dioxane
Concen: 366.39 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 88 Resp: 7200
Ion Ratio Lower Upper
88 100
43 35.4 22.1 33.1#
58 71.0 46.7 70.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

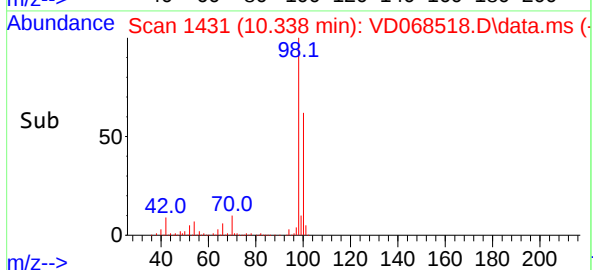
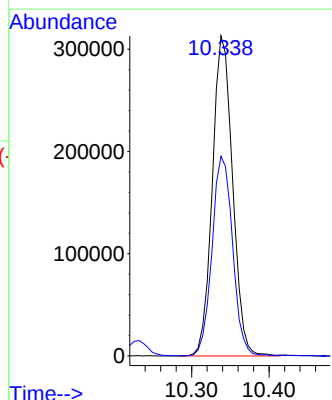
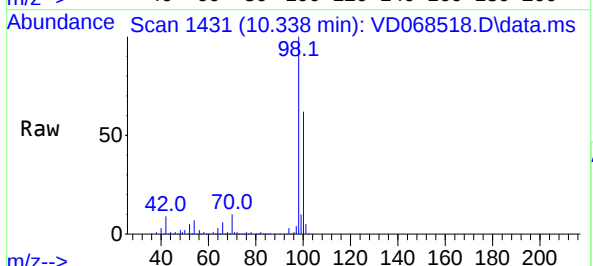
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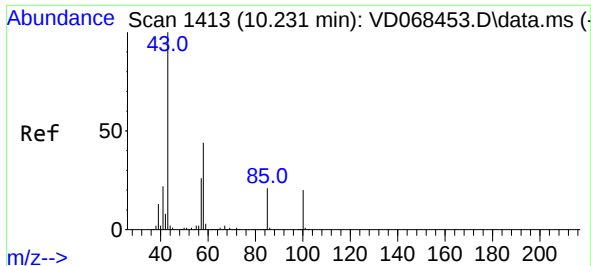
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3/5/2021 10:11:48 AM



#50
Toluene-d8
Concen: 48.72 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 98 Resp: 567996
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.4





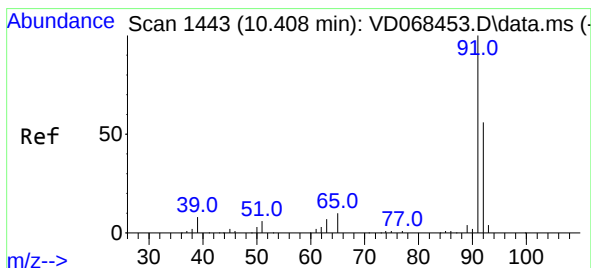
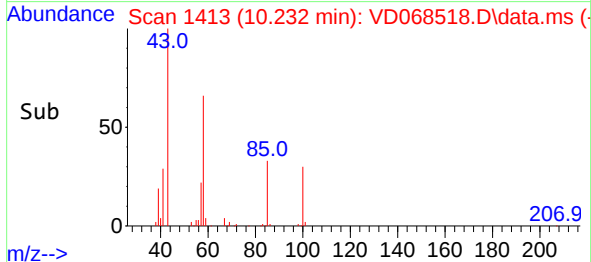
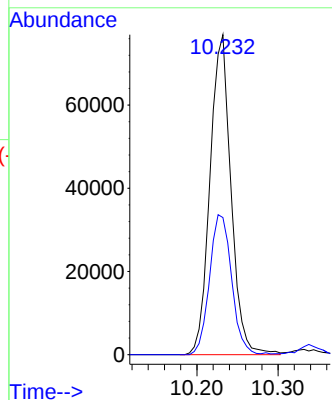
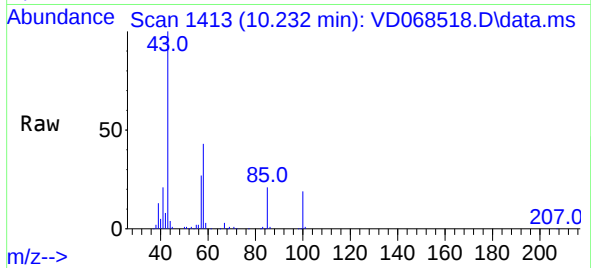
#51
4-Methyl-2-Pentanone
Concen: 93.82 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 138283
Ion Ratio Lower Upper
43 100
58 45.9 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

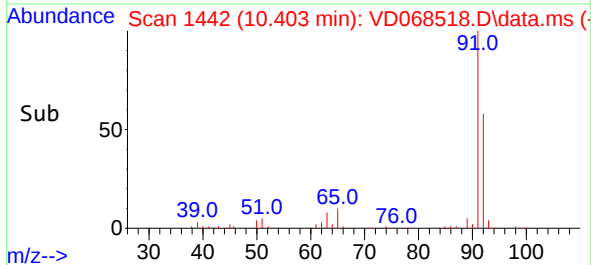
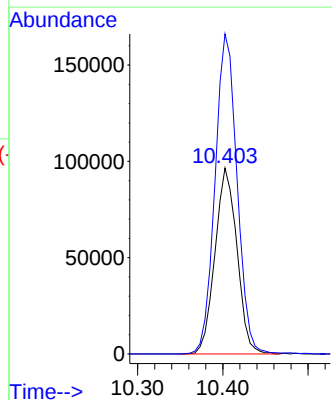
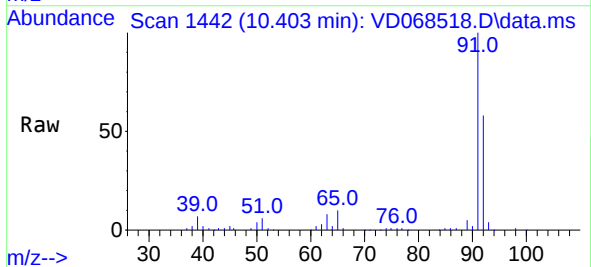
Manual Integrations
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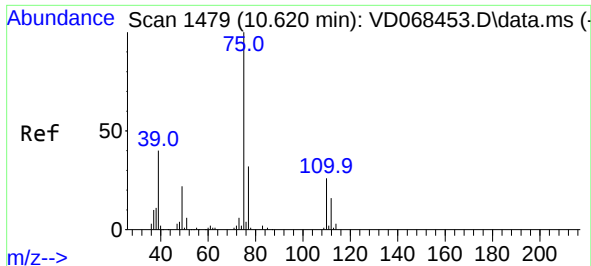
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3/5/2021 10:11:48 AM



#52
Toluene
Concen: 20.46 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 92 Resp: 173124
Ion Ratio Lower Upper
92 100
91 173.1 134.1 201.1





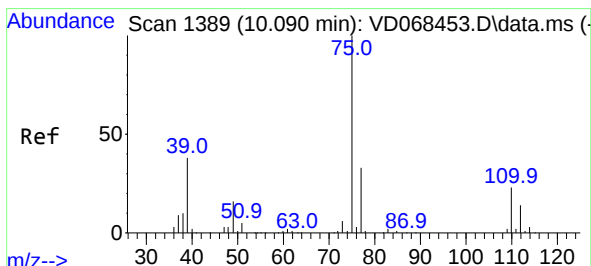
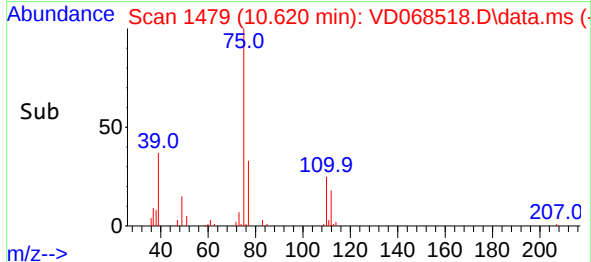
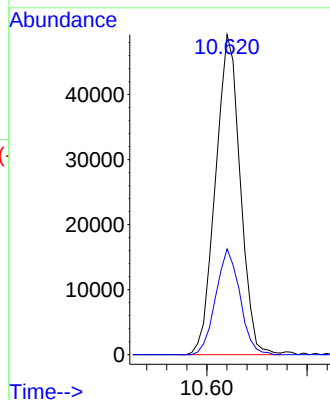
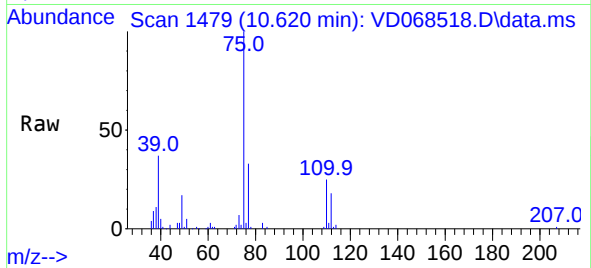
#53
t-1,3-Dichloropropene
Concen: 20.44 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 75 Resp: 84198
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

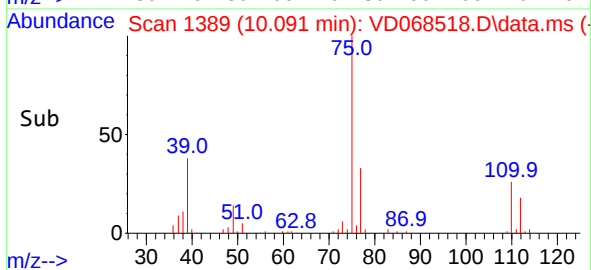
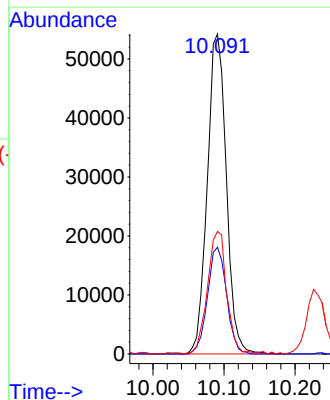
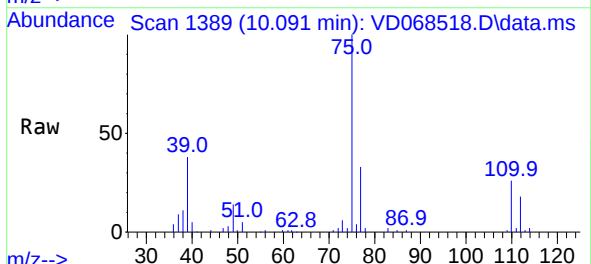
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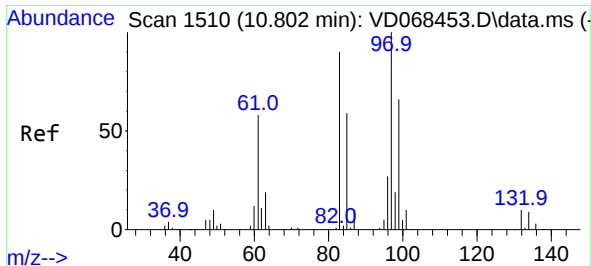
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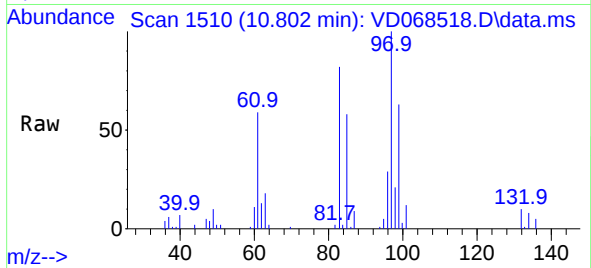
#54
cis-1,3-Dichloropropene
Concen: 20.15 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 75 Resp: 101257
Ion Ratio Lower Upper
75 100
77 33.4 24.6 37.0
39 38.0 31.4 47.0



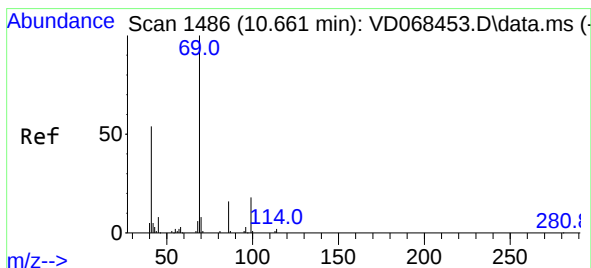
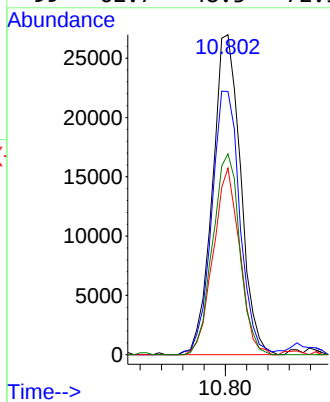
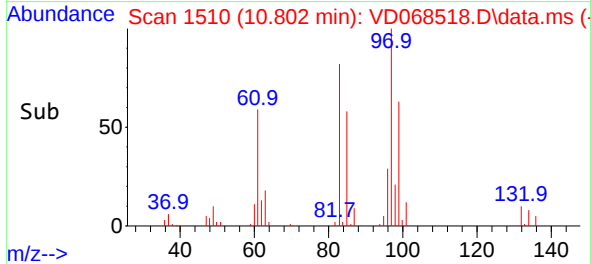


#55
1,1,2-Trichloroethane
Concen: 20.73 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

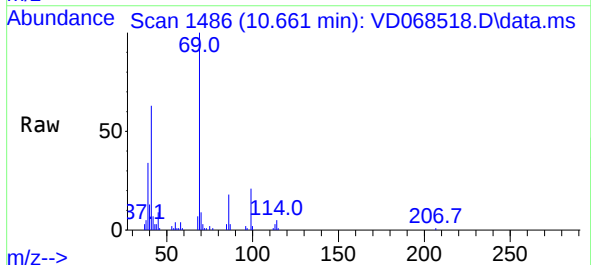


Tgt Ion: 97 Resp: 49424

Ion	Ratio	Lower	Upper
97	100		
83	82.3	61.8	92.6
85	58.3	42.2	63.2
99	62.7	48.3	72.5

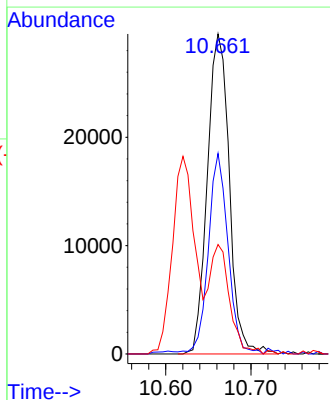
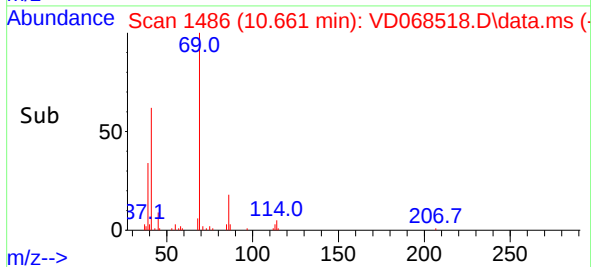


#56
Ethyl methacrylate
Concen: 19.28 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 69 Resp: 52835

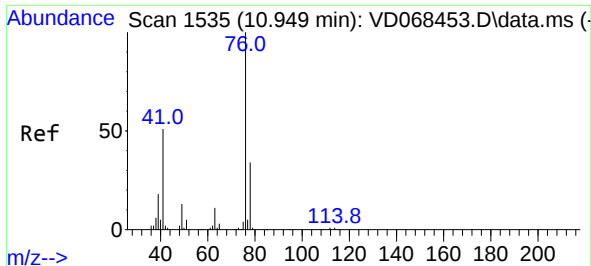
Ion	Ratio	Lower	Upper
69	100		
41	56.3	44.9	67.3
39	32.1	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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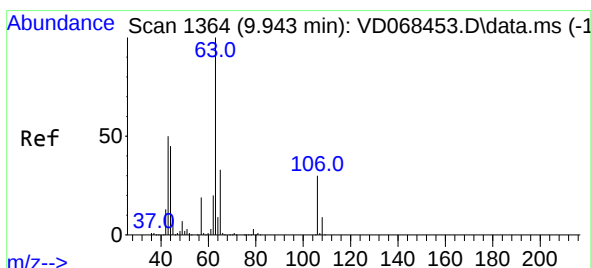
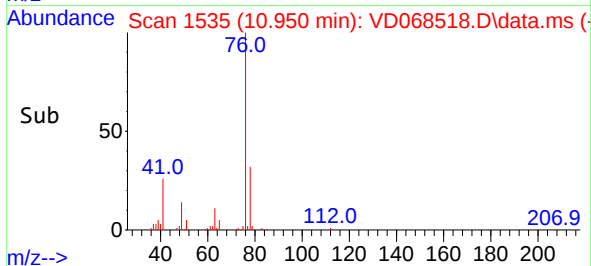
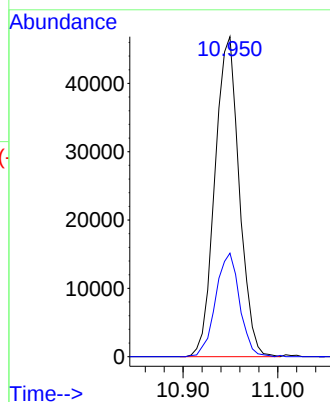
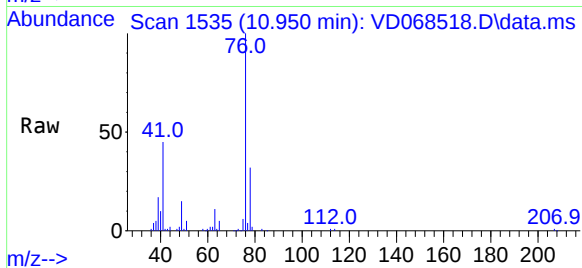
#57
1,3-Dichloropropane
Concen: 20.14 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 76 Resp: 83830
Ion Ratio Lower Upper
76 100
78 31.8 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

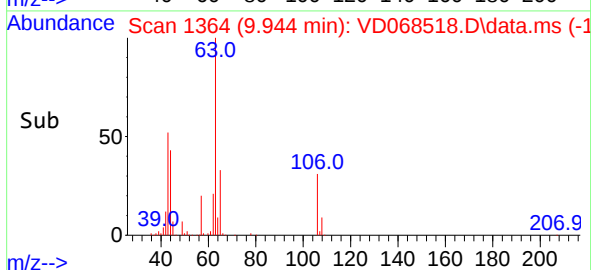
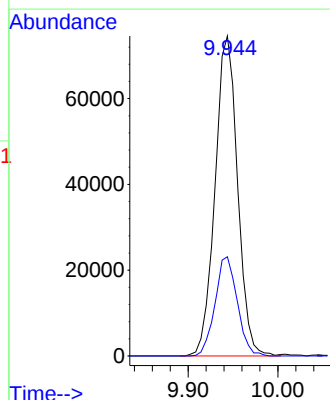
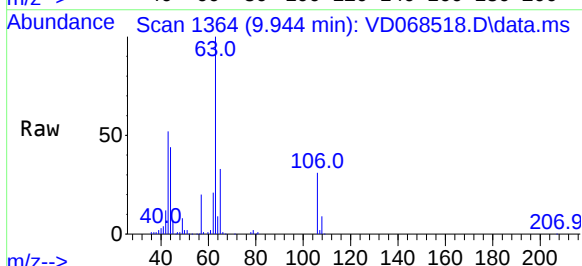
Manual Integrations
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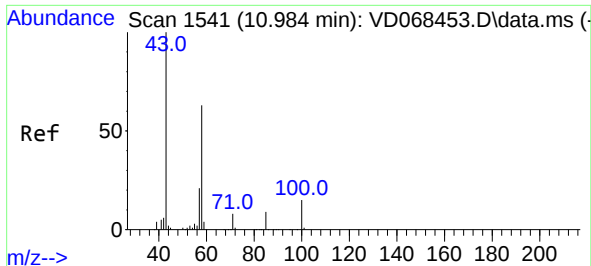
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3/5/2021 10:11:48 AM



#58
2-Chloroethyl Vinyl ether
Concen: 94.42 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 63 Resp: 129839
Ion Ratio Lower Upper
63 100
106 30.6 27.0 40.4





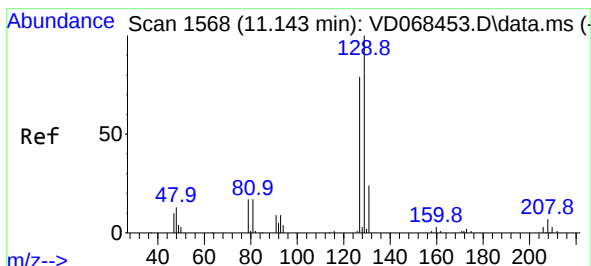
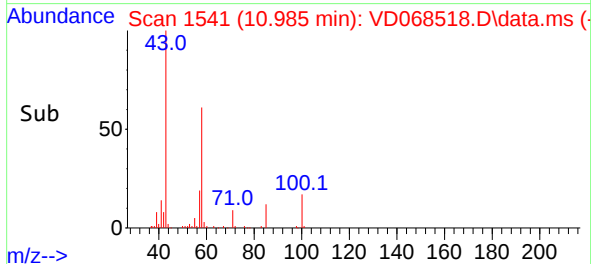
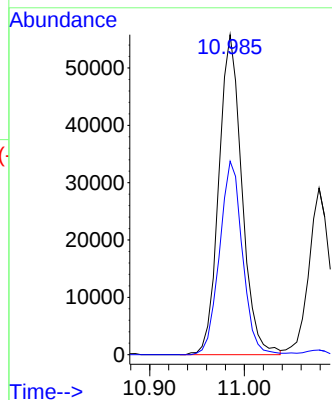
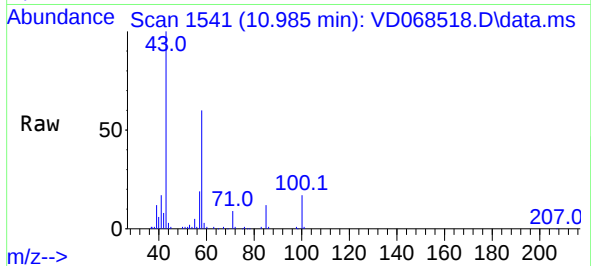
#59
2-Hexanone
Concen: 96.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 43 Resp: 94541
Ion Ratio Lower Upper
43 100
58 60.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

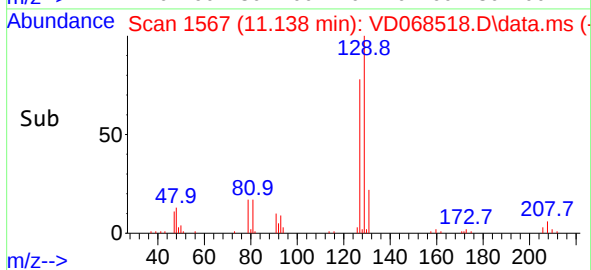
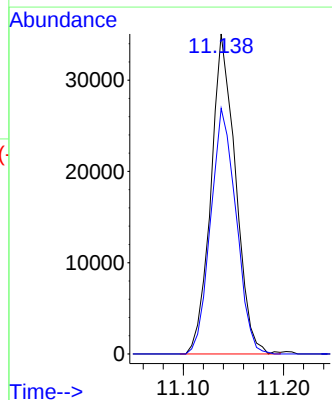
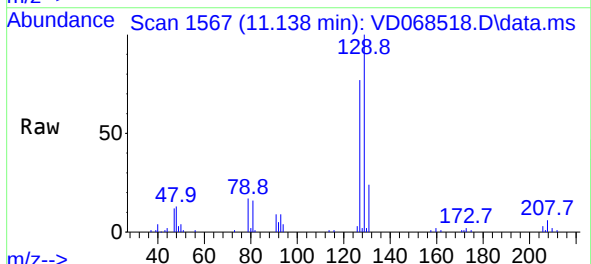
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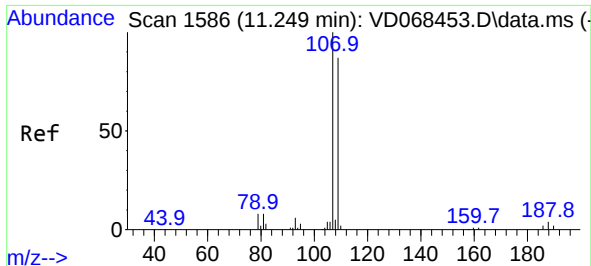
MMDadoda
3/5/2021 10:11:48 AM



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

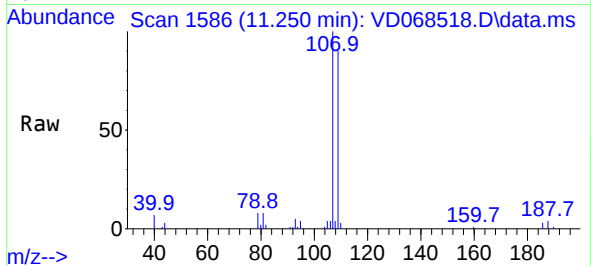
Tgt Ion:129 Resp: 59827
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.05 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

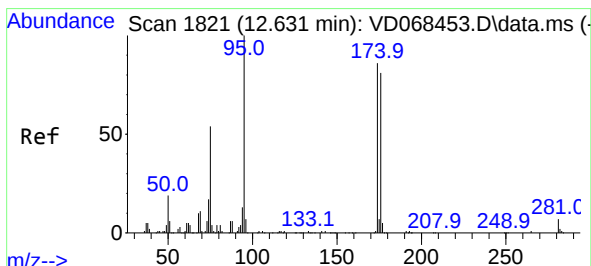
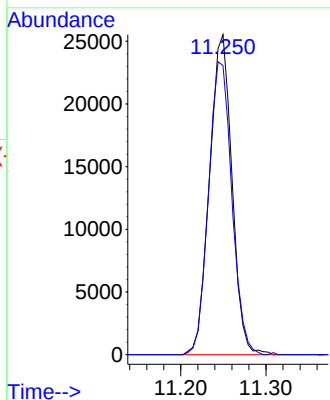
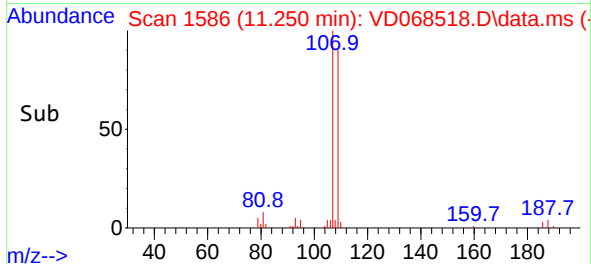
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



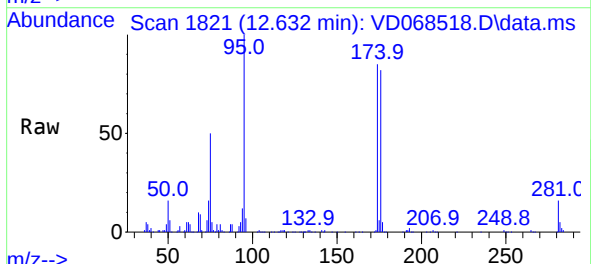
Tgt Ion:107 Resp: 46790
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

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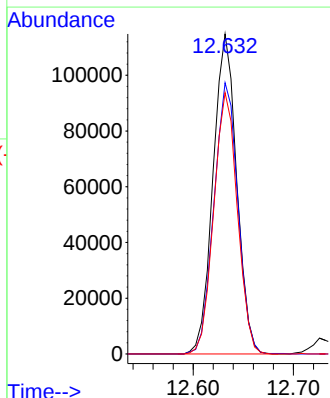
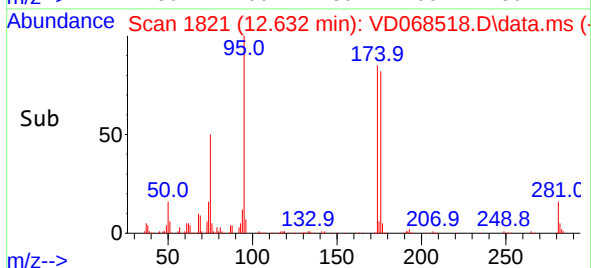
MMDadoda
3/5/2021 10:11:48 AM

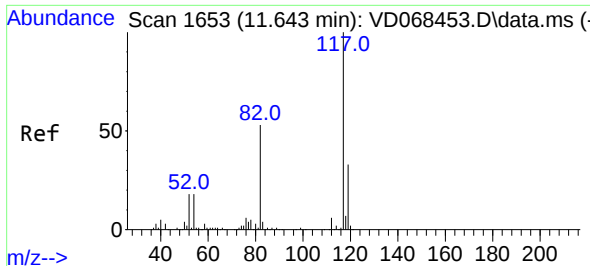


#62
4-Bromofluorobenzene
Concen: 49.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



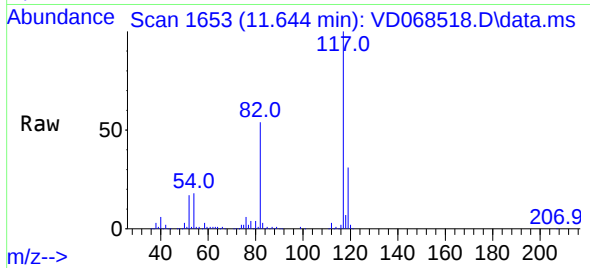
Tgt Ion: 95 Resp: 187269
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.4
176 81.7 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

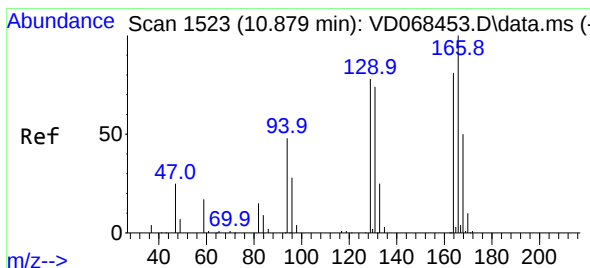
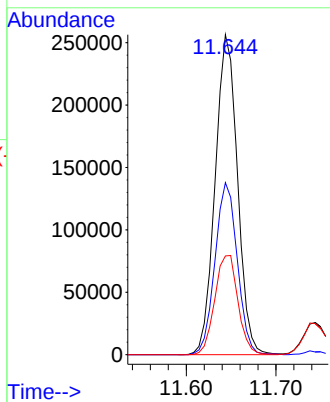
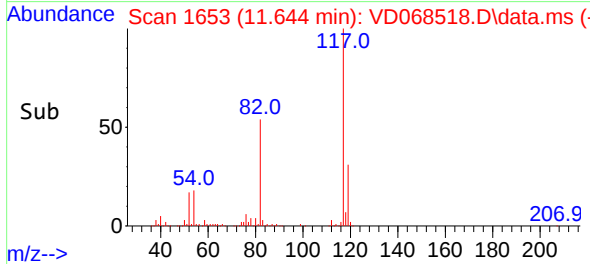
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



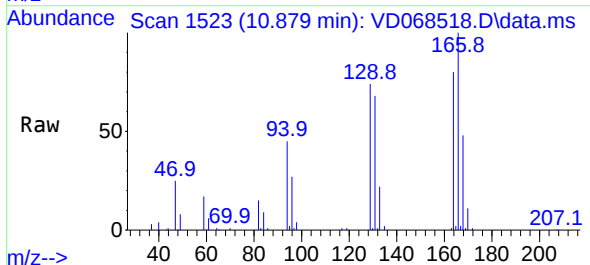
Tgt Ion:117 Resp: 443243
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 30.8 26.1 39.1

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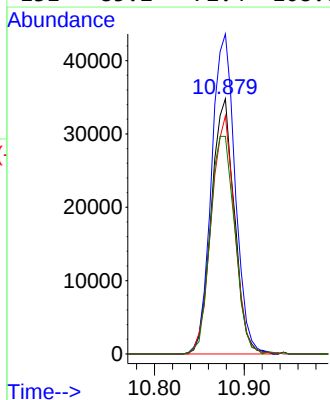
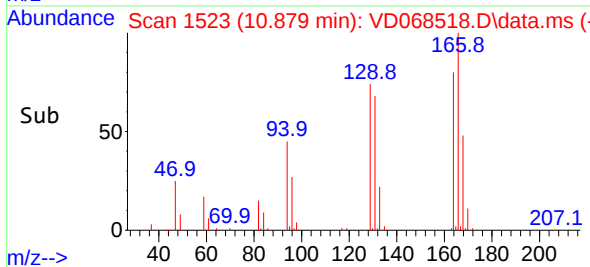
MMDadoda
3/5/2021 10:11:48 AM

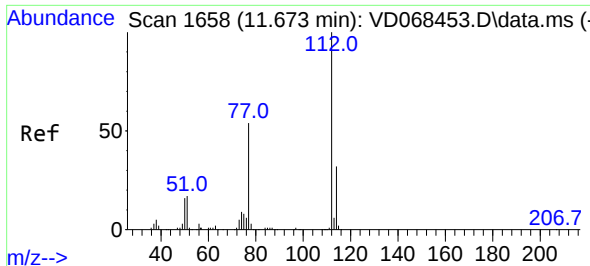


#64
Tetrachloroethene
Concen: 21.46 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



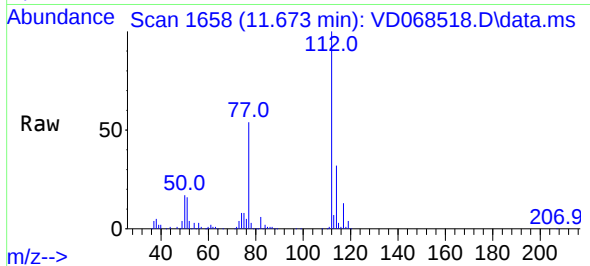
Tgt Ion:164 Resp: 62105
Ion Ratio Lower Upper
164 100
166 125.4 105.5 158.3
129 93.3 75.6 113.4
131 85.2 72.4 108.6





#65
Chlorobenzene
Concen: 20.66 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

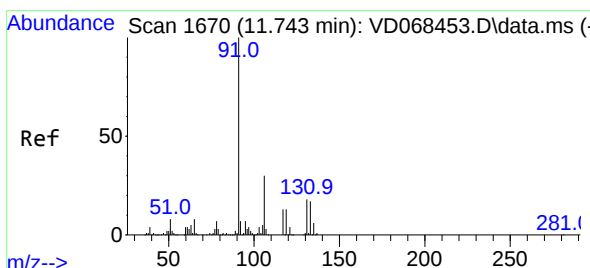
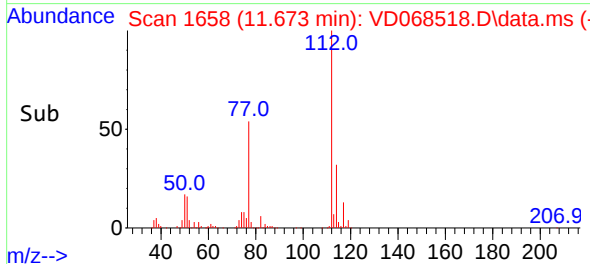
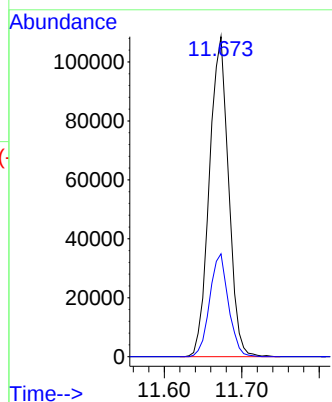
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



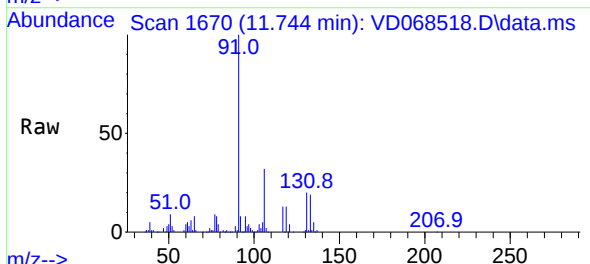
Tgt Ion:112 Resp: 186530
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

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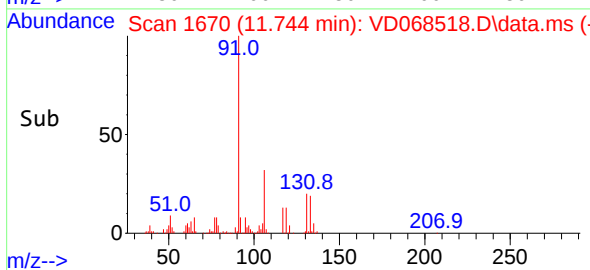
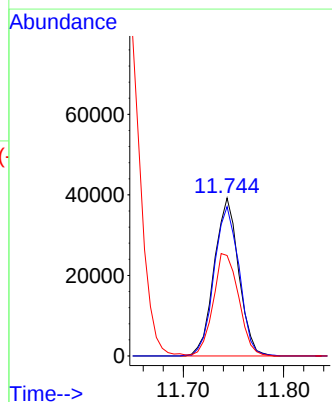
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.20 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion:131 Resp: 66524
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 67.3 31.6 94.8





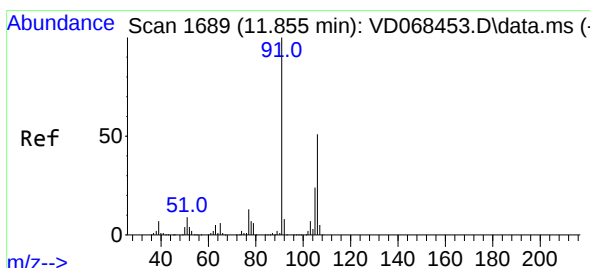
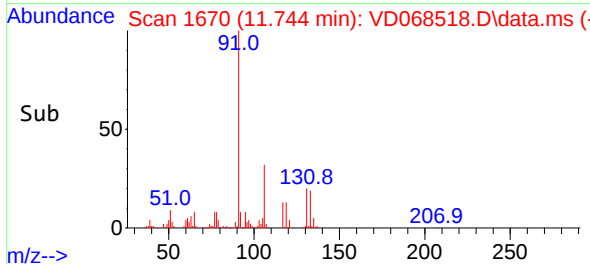
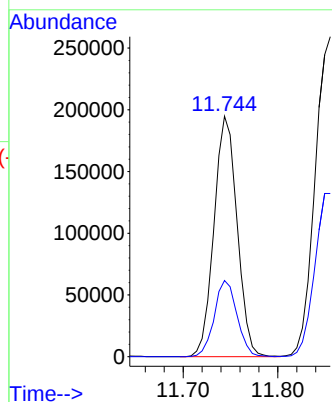
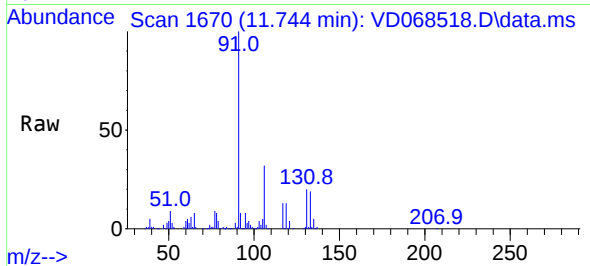
#67
Ethyl Benzene
Concen: 20.47 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Tgt Ion: 91 Resp: 329806
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

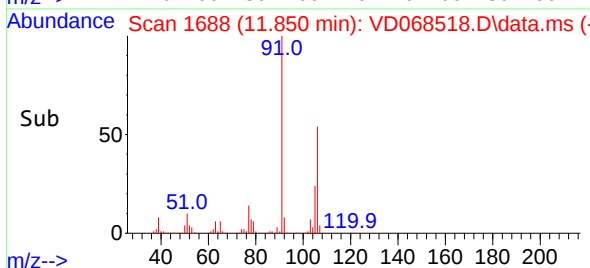
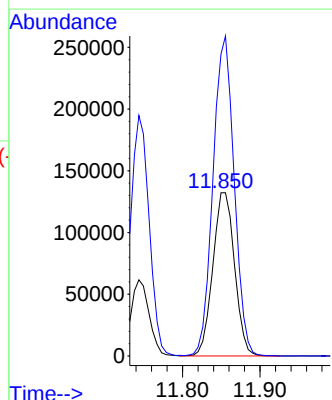
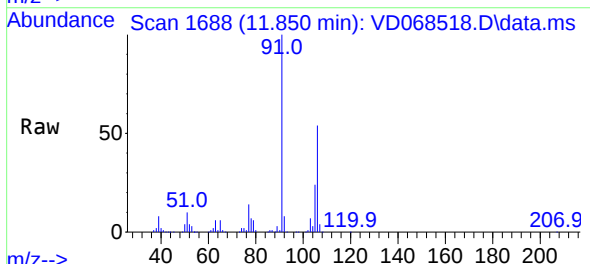
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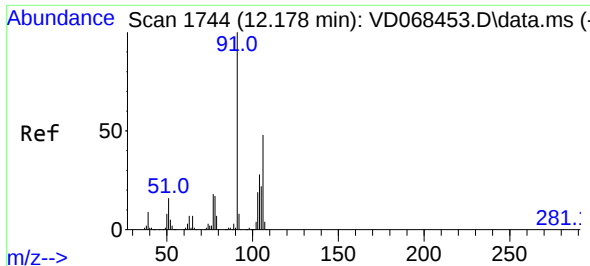
MMDadoda
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#68
m/p-Xylenes
Concen: 42.09 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 106 Resp: 257581
Ion Ratio Lower Upper
106 100
91 190.8 159.1 238.7





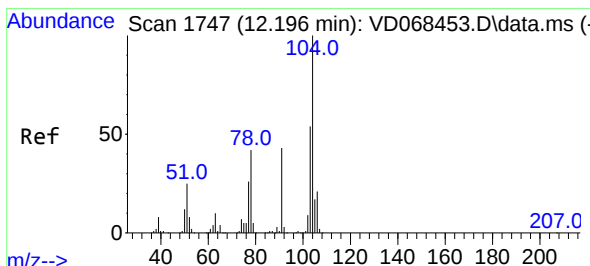
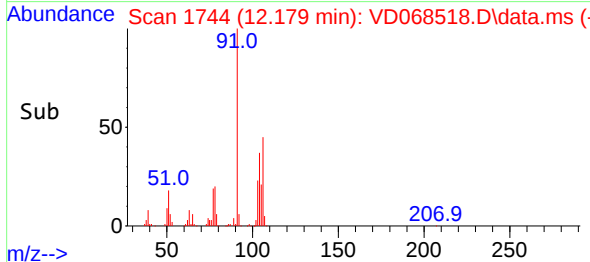
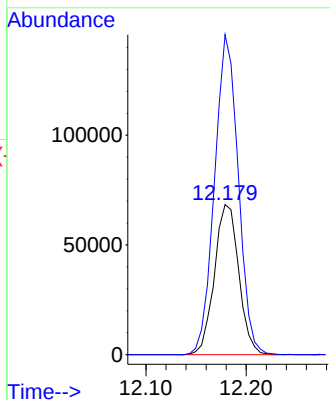
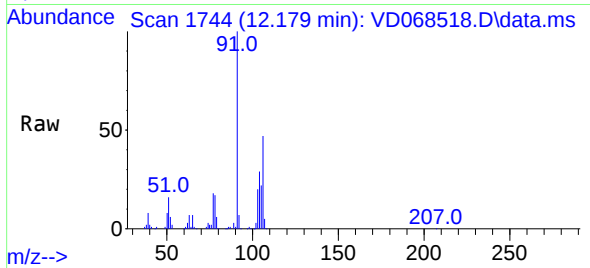
#69
o-Xylene
Concen: 20.44 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:106 Resp: 115218
Ion Ratio Lower Upper
106 100
91 207.6 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

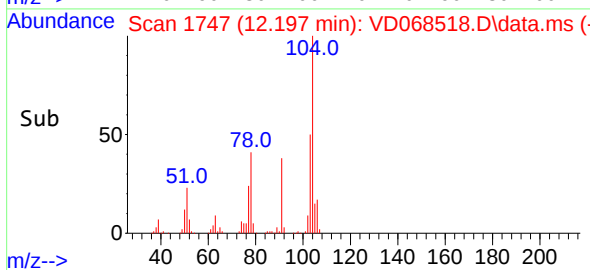
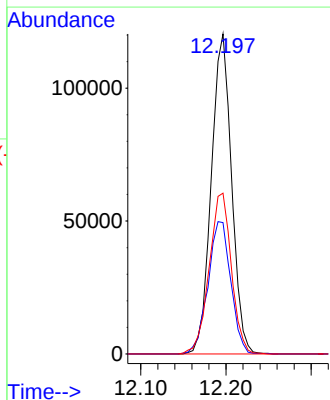
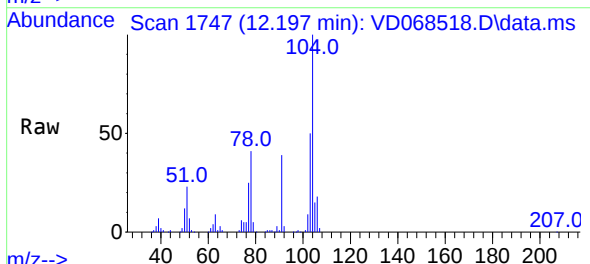
Manual Integrations
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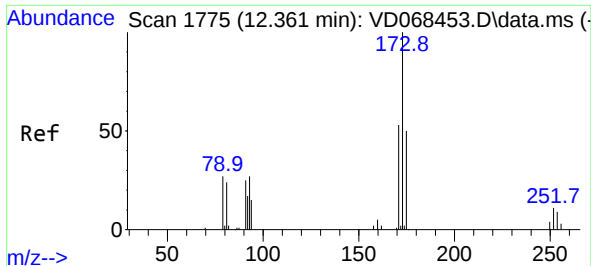
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3/5/2021 10:11:48 AM



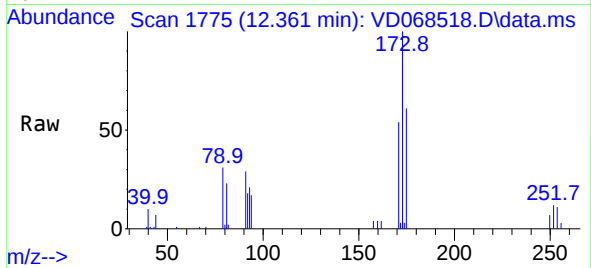
#70
Styrene
Concen: 20.65 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:104 Resp: 199054
Ion Ratio Lower Upper
104 100
78 46.6 38.2 57.2
103 54.9 43.1 64.7

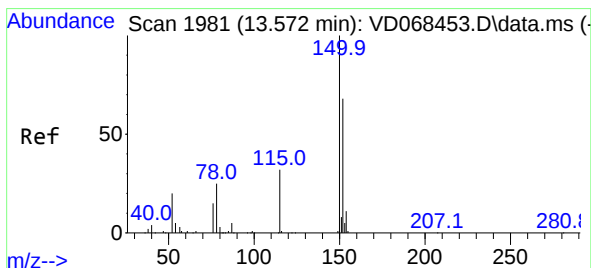
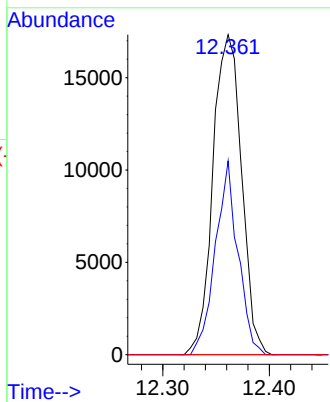
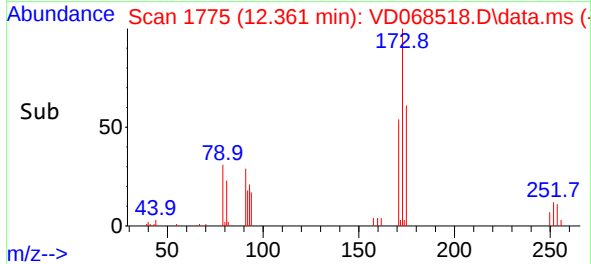




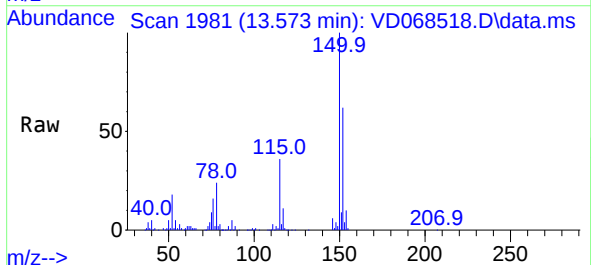
#71
Bromoform
Concen: 20.28 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



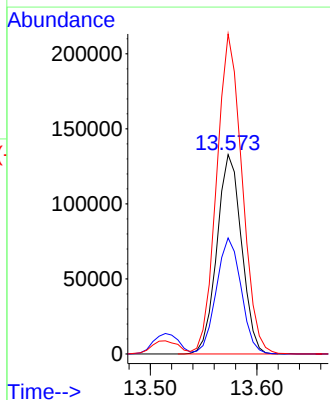
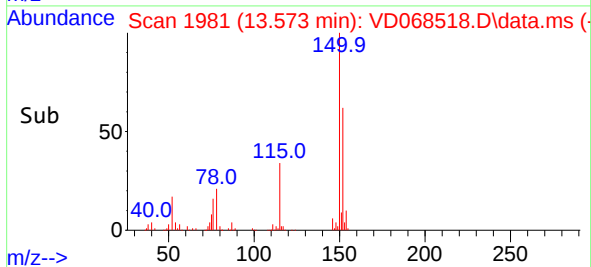
Tgt Ion:173 Resp: 32324
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



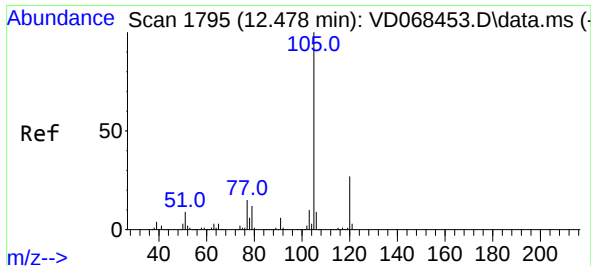
Tgt Ion:152 Resp: 213454
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 165.9 0.0 344.4



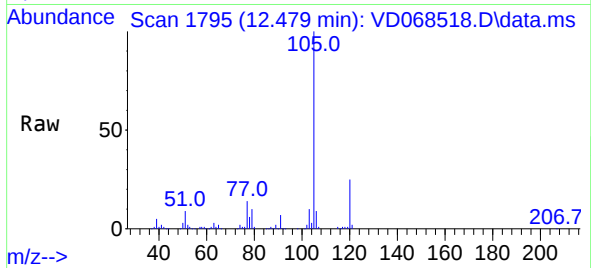
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

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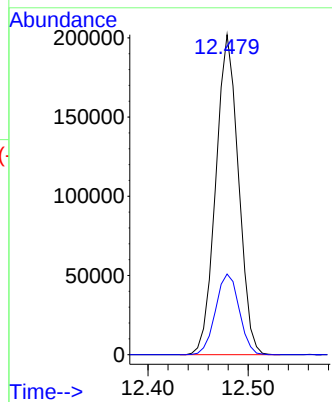
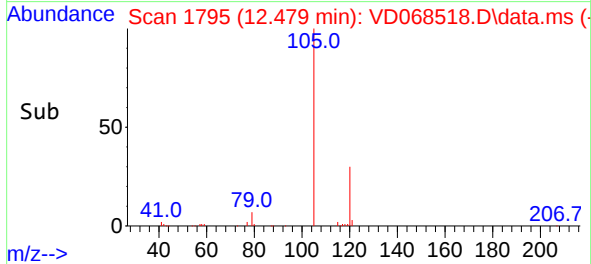
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3/5/2021 10:11:48 AM



#73
Isopropylbenzene
Concen: 20.01 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



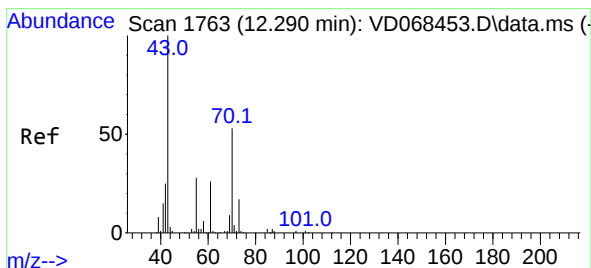
Tgt Ion: 105 Resp: 316842
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



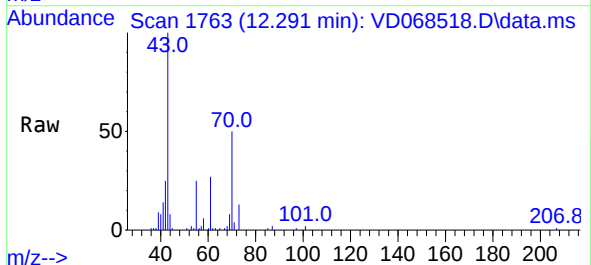
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
APPROVED

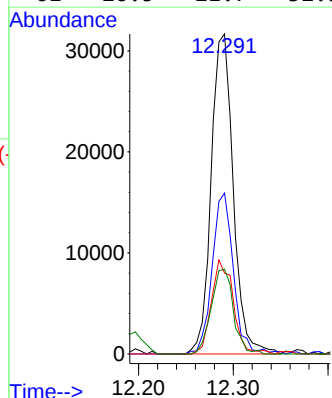
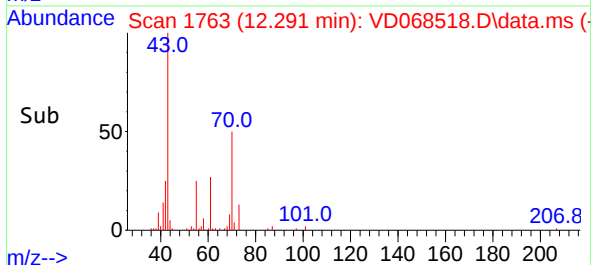
MMDadoda
3/5/2021 10:11:48 AM



#74
N-ethyl acetate
Concen: 19.03 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 43 Resp: 51321
Ion Ratio Lower Upper
43 100
70 48.5 41.8 62.8
55 29.0 24.2 36.4
61 26.5 21.7 32.5





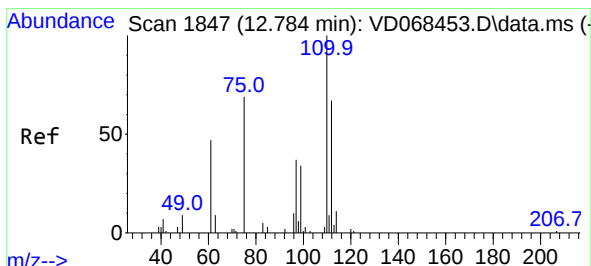
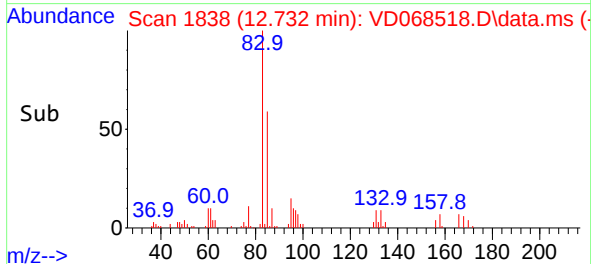
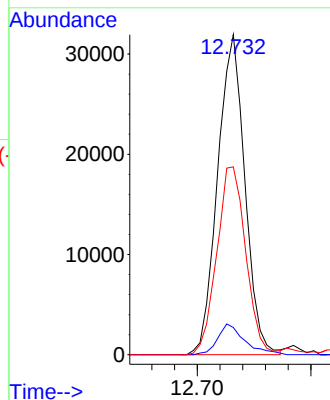
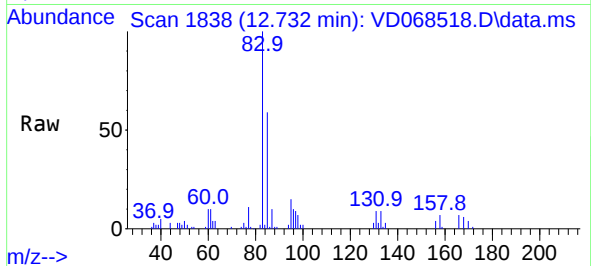
#75
1,1,2,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 83 Resp: 53212
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.4
85 62.2 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

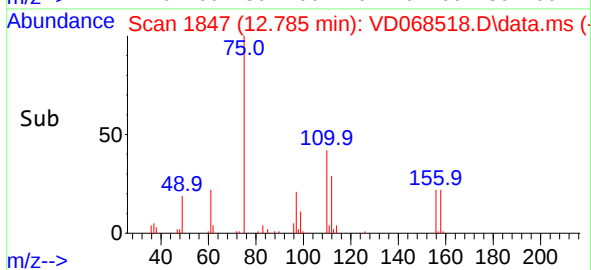
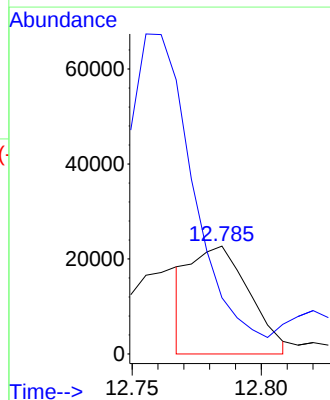
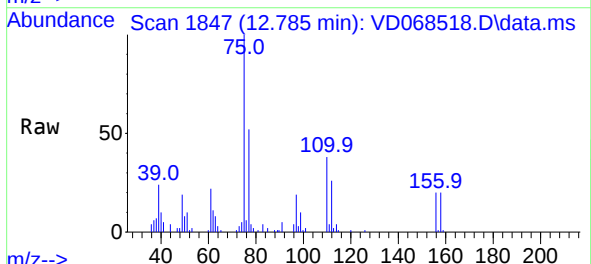
Manual Integrations
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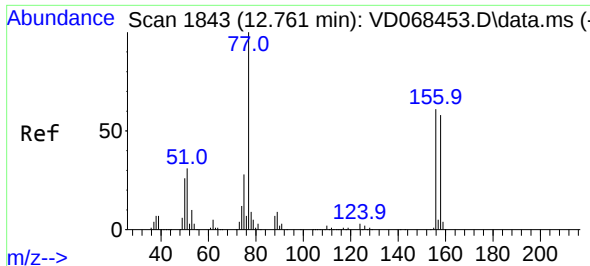
MMDadoda
3/5/2021 10:11:48 AM



#76
1,2,3-Trichloropropane
Concen: 18.91 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.001 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 75 Resp: 35827
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





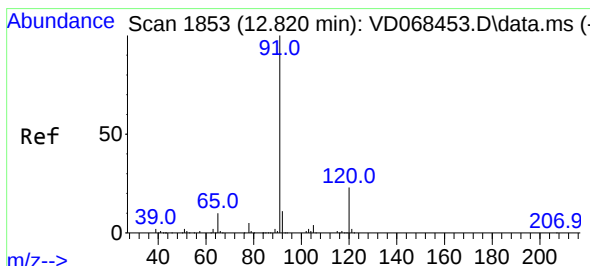
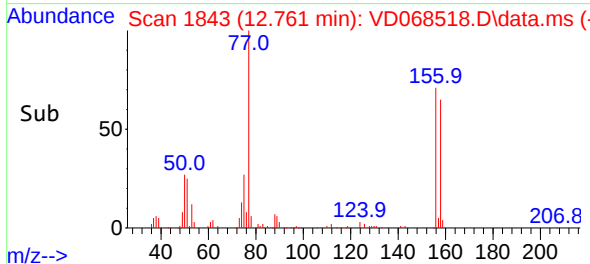
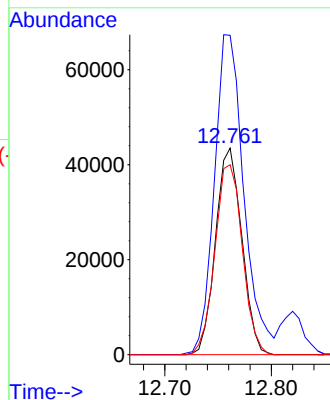
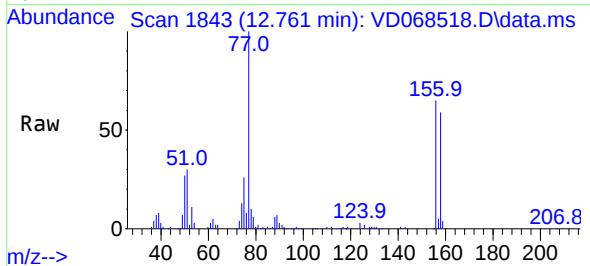
#77
Bromobenzene
Concen: 20.64 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion: 156 Resp: 74561
Ion Ratio Lower Upper
156 100
77 173.8 82.8 248.3
158 96.1 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

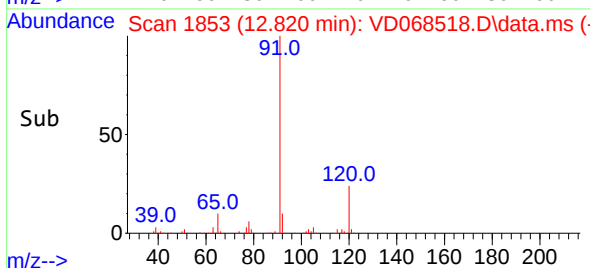
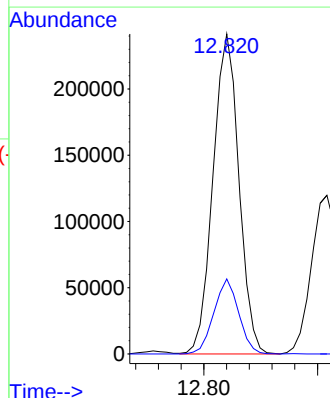
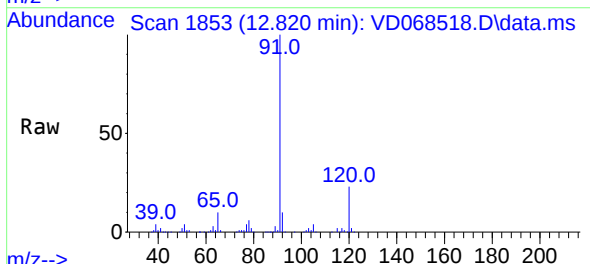
Manual Integrations
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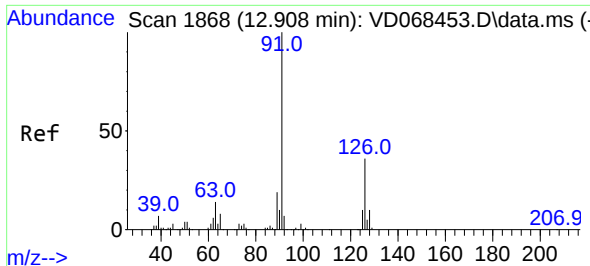
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3/5/2021 10:11:48 AM



#78
n-propylbenzene
Concen: 20.22 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

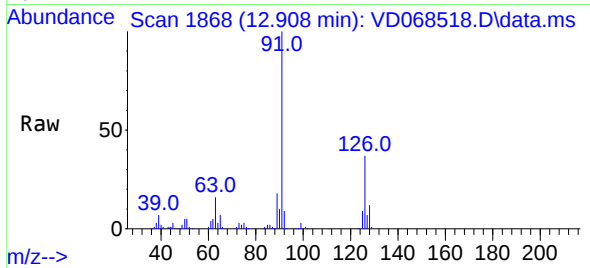
Tgt Ion: 91 Resp: 382470
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.0





#79
2-Chlorotoluene
Concen: 19.28 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

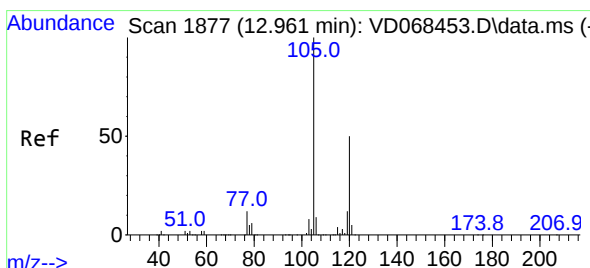
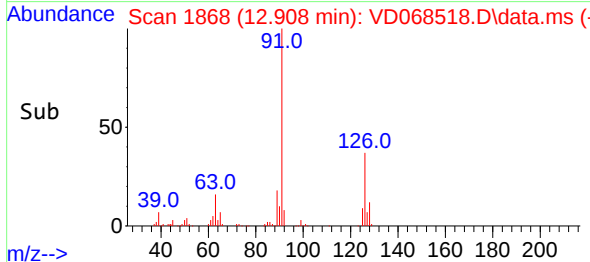
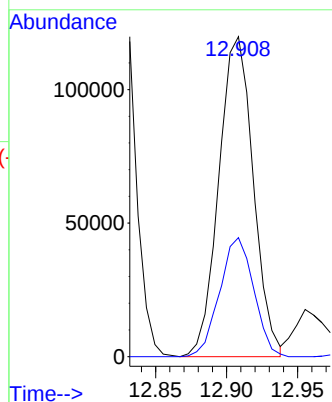
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



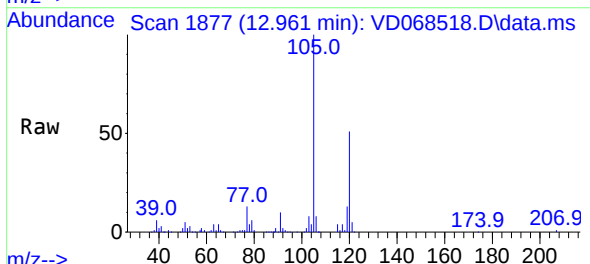
Tgt Ion: 91 Resp: 202461
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5

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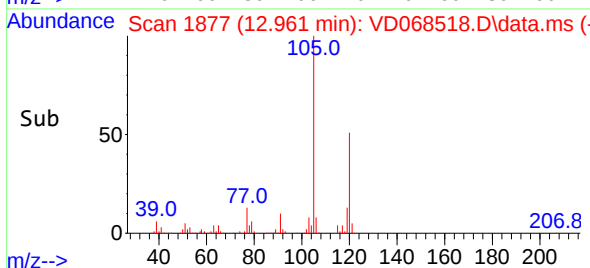
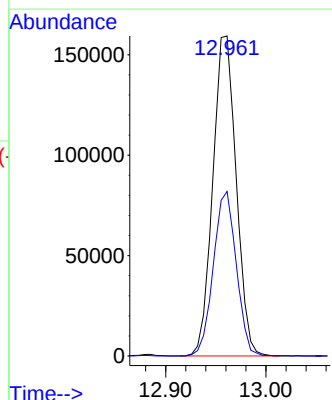
MMDadoda
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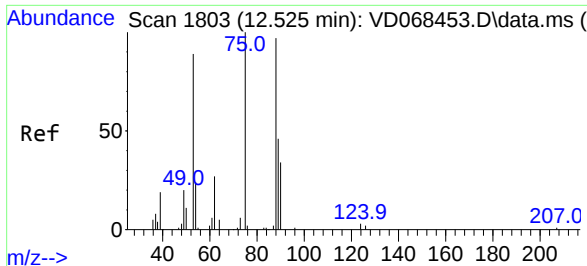


#80
1,3,5-Trimethylbenzene
Concen: 19.92 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



Tgt Ion: 105 Resp: 258537
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





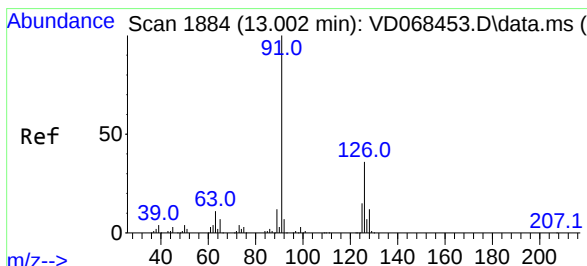
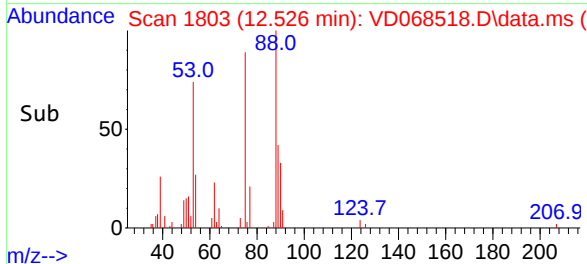
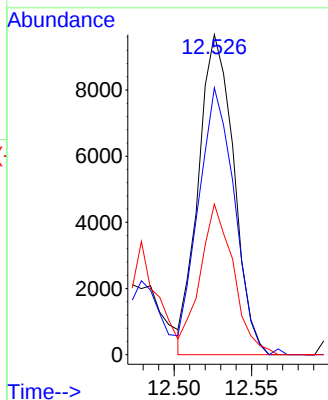
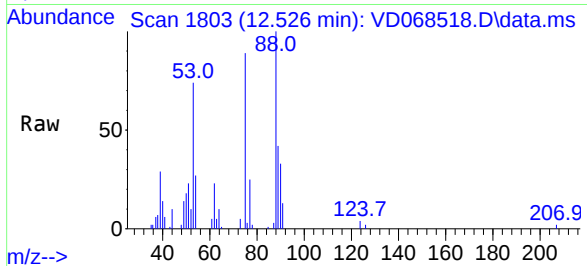
#81
trans-1,4-Dichloro-2-butene
Concen: 18.85 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:	75	Resp:	15303
Ion	Ratio	Lower	Upper
75	100		
53	85.1	70.2	105.2
89	44.7	40.3	60.5

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

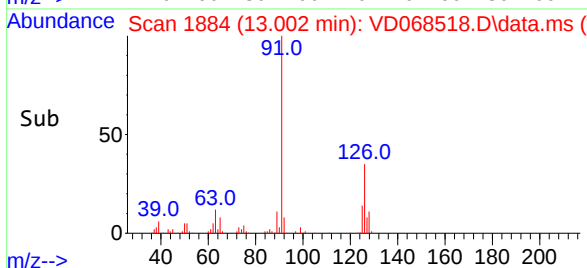
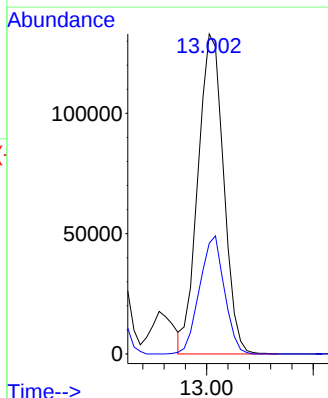
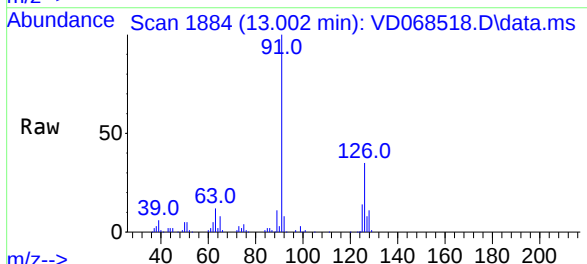
Manual Integrations
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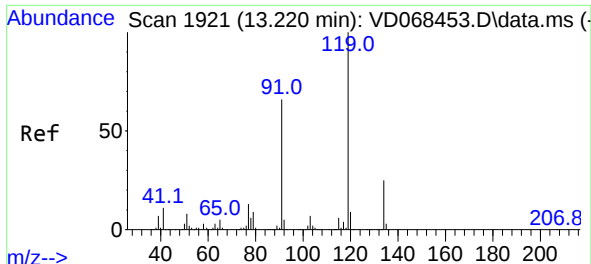
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#82
4-Chlorotoluene
Concen: 20.12 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

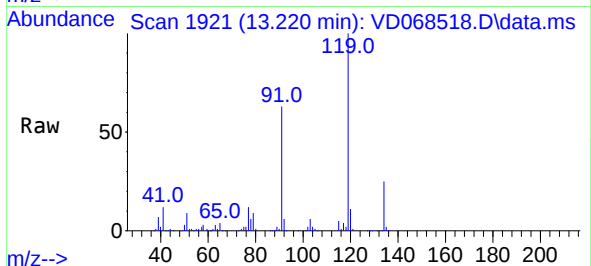
Tgt Ion:	91	Resp:	222269
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.7	53.1





#83
tert-Butylbenzene
Concen: 20.22 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

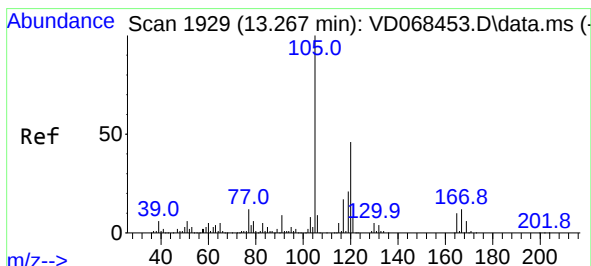
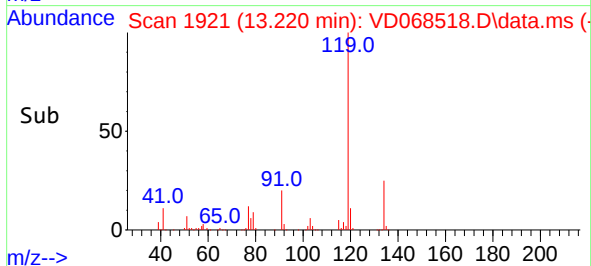
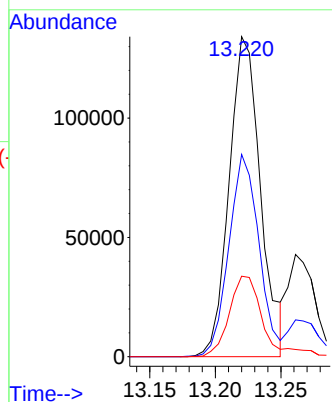
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01



Tgt Ion:119 Resp: 223334
Ion Ratio Lower Upper
119 100
91 60.8 31.1 93.5
134 27.1 13.3 39.8

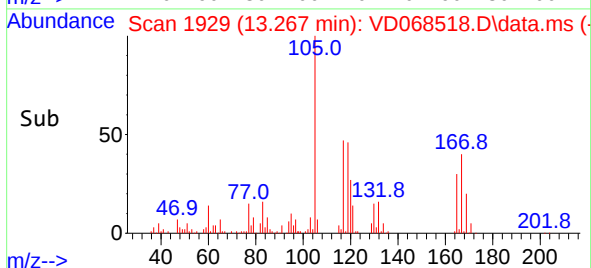
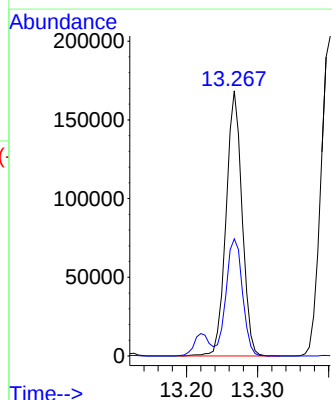
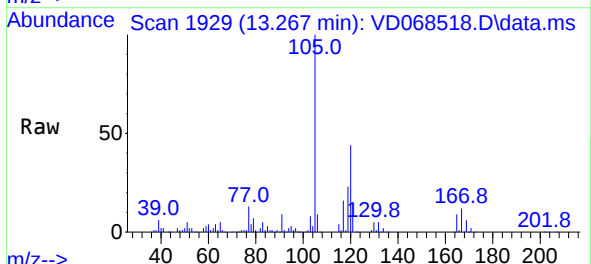
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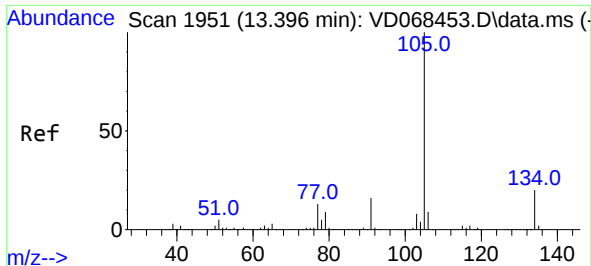
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#84
1,2,4-Trimethylbenzene
Concen: 20.18 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:105 Resp: 262271
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





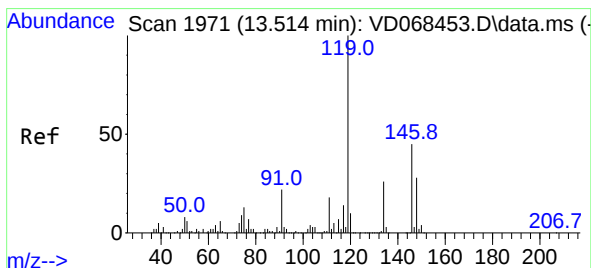
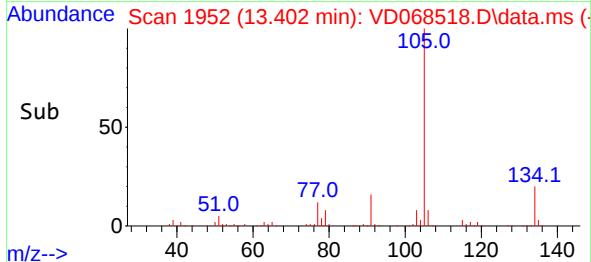
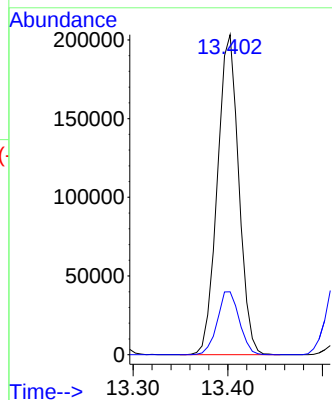
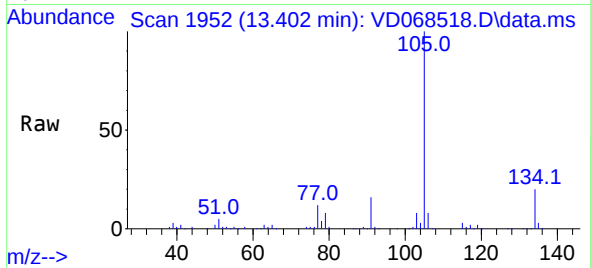
#85
 sec-Butylbenzene
 Concen: 20.44 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068518.D
 Acq: 04 Mar 2021 11:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

Tgt Ion:105 Resp: 318967
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.9

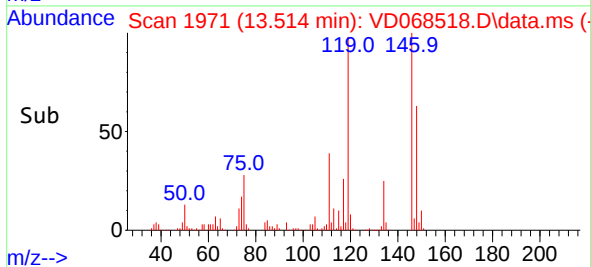
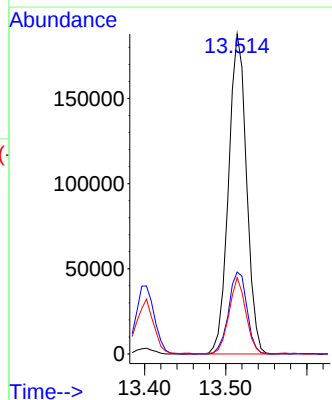
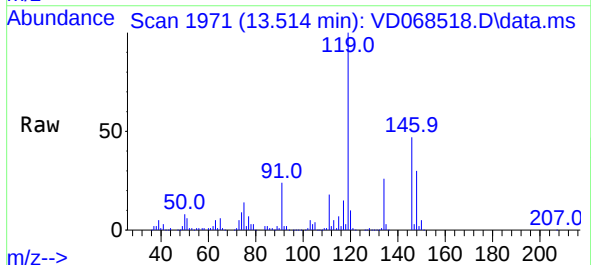
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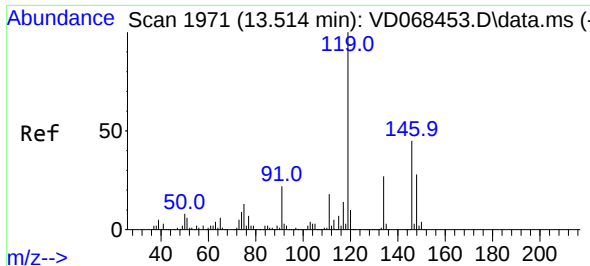
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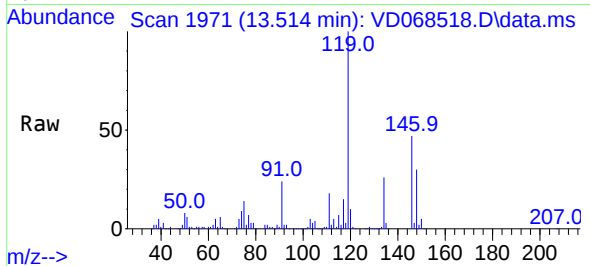
#86
 p-Isopropyltoluene
 Concen: 20.40 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068518.D
 Acq: 04 Mar 2021 11:41

Tgt Ion:119 Resp: 289041
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.3 11.7 35.0

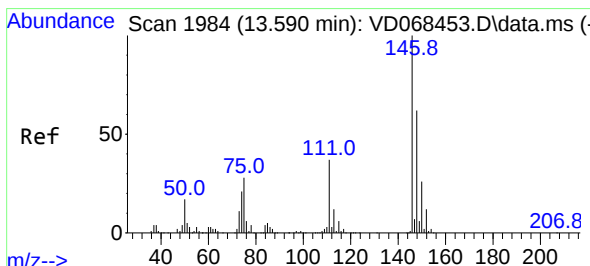
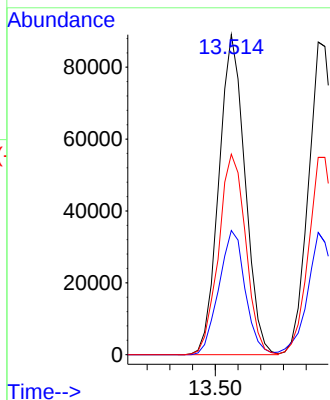
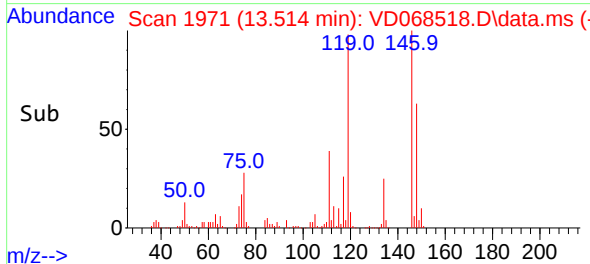




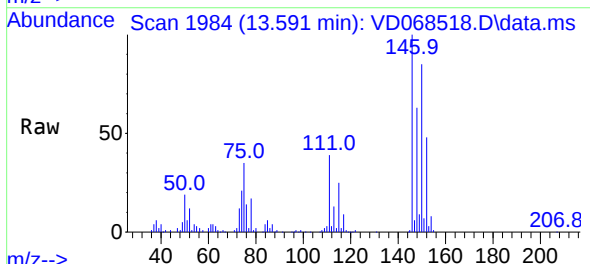
#87
1,3-Dichlorobenzene
Concen: 20.40 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



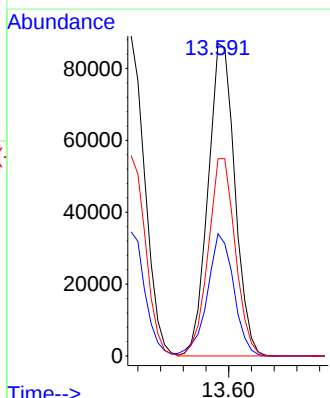
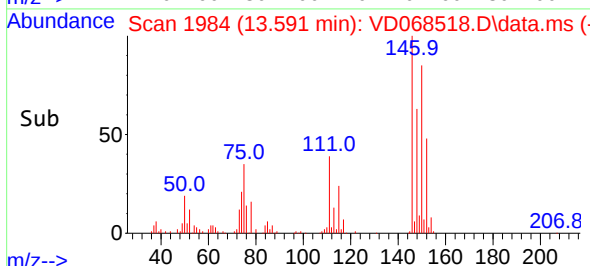
Tgt Ion:146 Resp: 142345
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.60 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



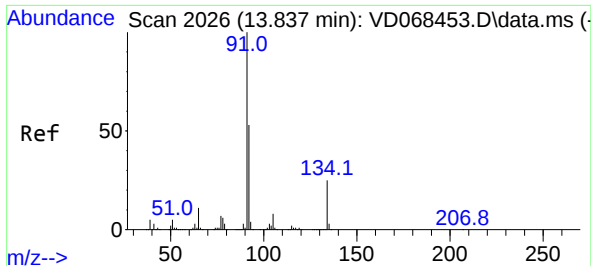
Tgt Ion:146 Resp: 142407
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.0 31.9 95.7



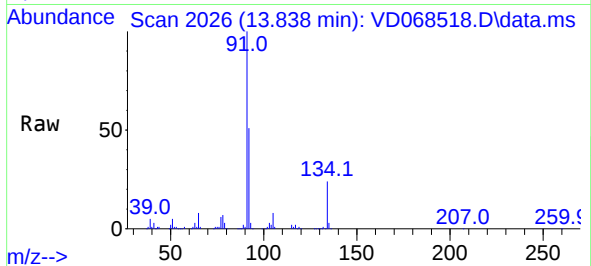
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

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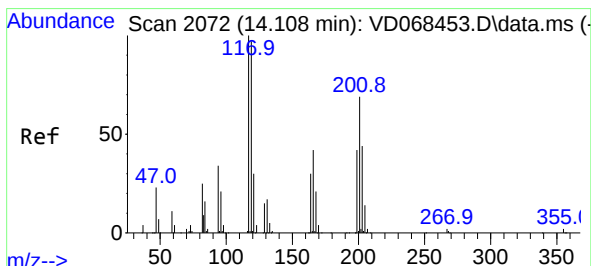
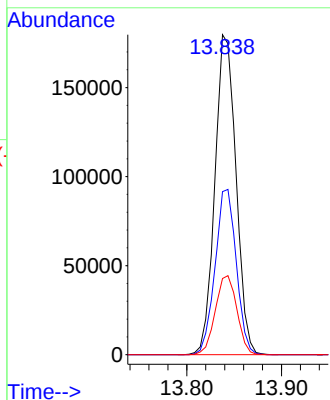
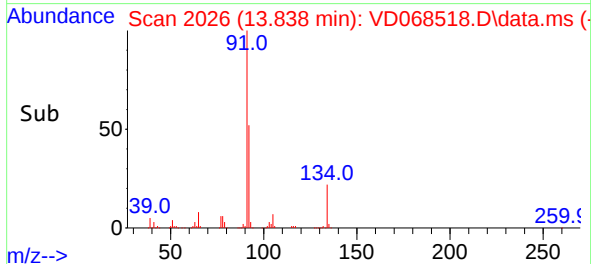
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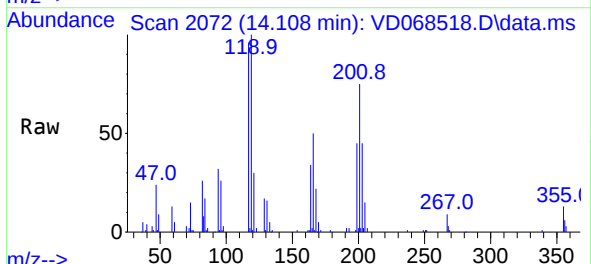
#89
n-Butylbenzene
Concen: 20.39 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



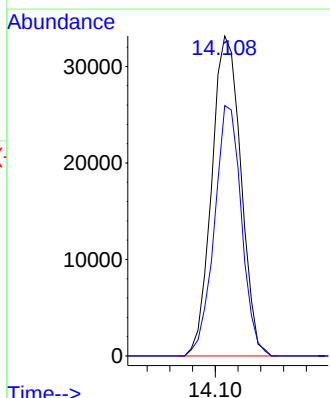
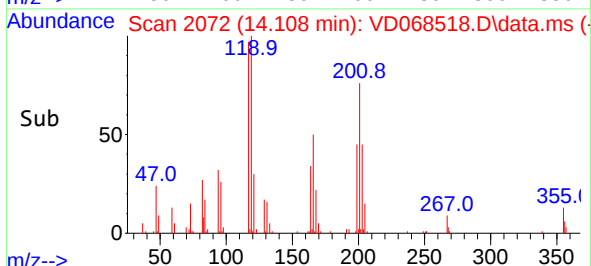
Tgt Ion: 91 Resp: 278652
Ion Ratio Lower Upper
91 100
92 51.9 27.2 81.6
134 25.3 13.9 41.7



#90
Hexachloroethane
Concen: 21.00 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



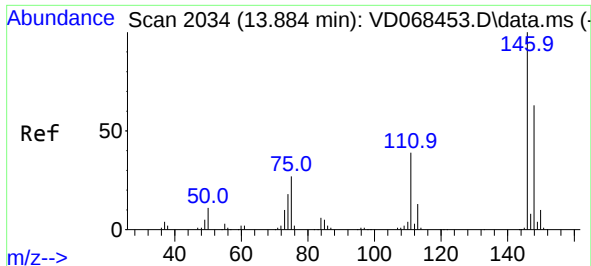
Tgt Ion: 117 Resp: 59114
Ion Ratio Lower Upper
117 100
201 72.8 39.5 118.5



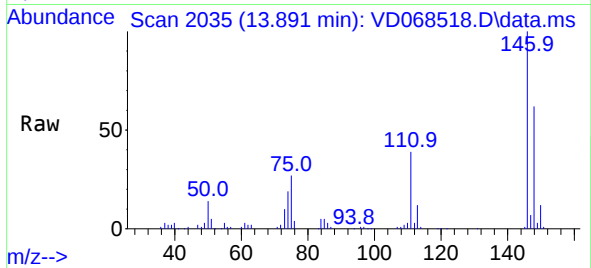
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

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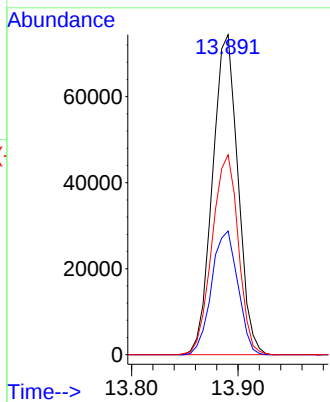
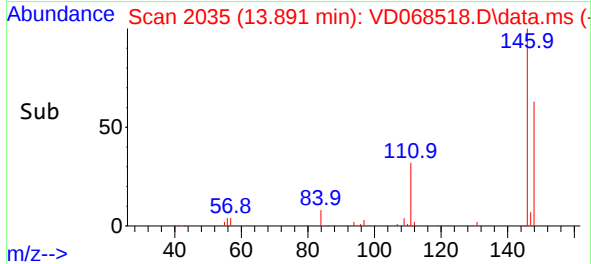
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#91
1,2-Dichlorobenzene
Concen: 20.60 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



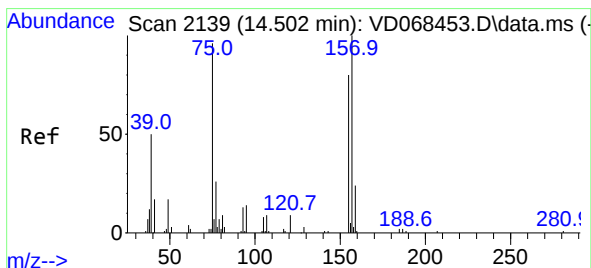
Tgt Ion: 146 Resp: 123306
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 64.5 31.7 95.1



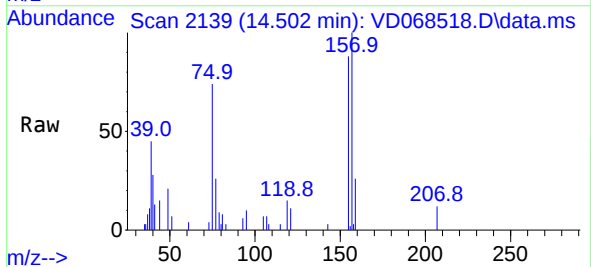
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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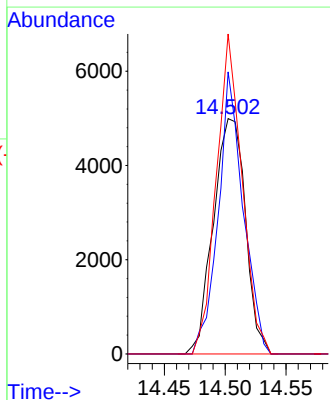
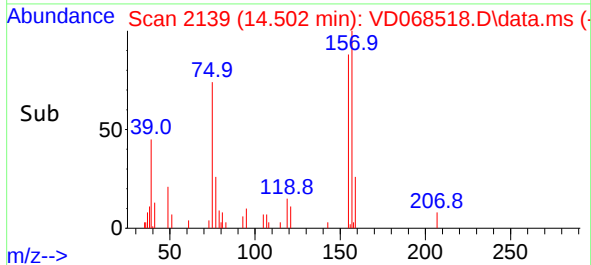
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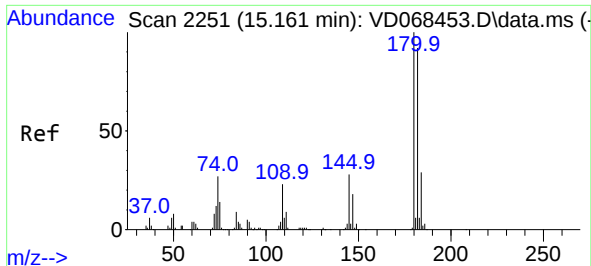


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.04 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

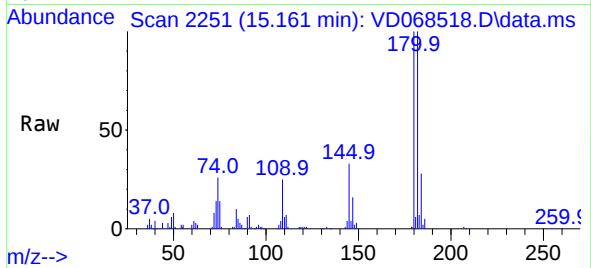


Tgt Ion: 75 Resp: 9139
Ion Ratio Lower Upper
75 100
155 93.3 48.0 144.2
157 109.3 65.0 194.8

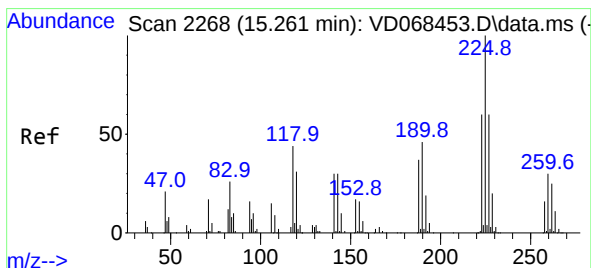
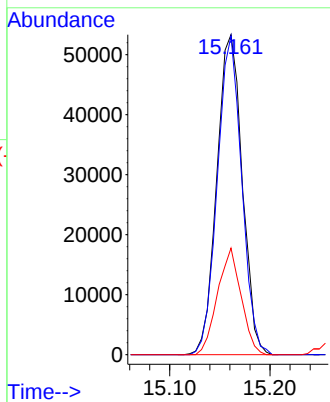
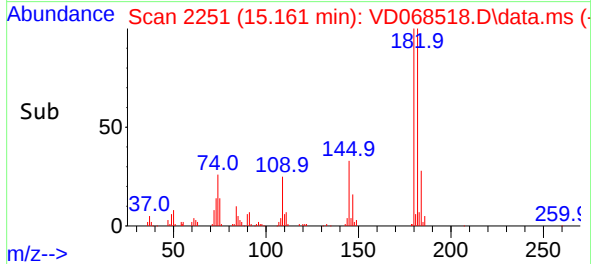




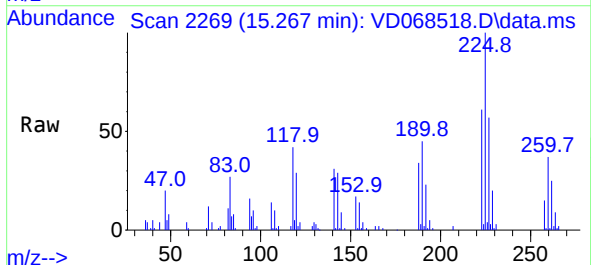
#93
1,2,4-Trichlorobenzene
Concen: 20.28 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



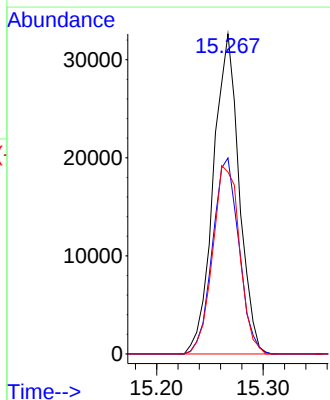
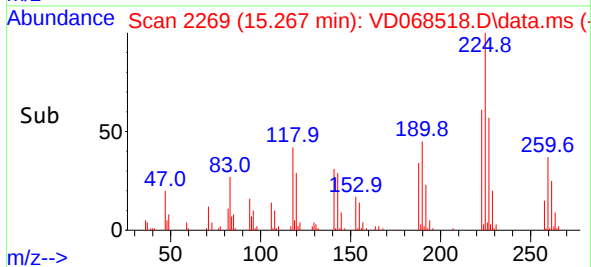
Tgt Ion:180 Resp: 93746
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.4
145 30.9 15.2 45.5



#94
Hexachlorobutadiene
Concen: 21.32 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41



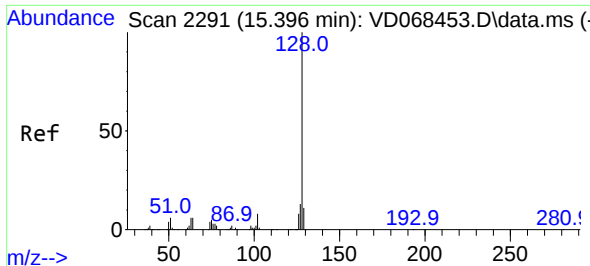
Tgt Ion:225 Resp: 54693
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.5
227 61.8 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
APPROVED

MMDadoda
3/5/2021 10:11:48 AM



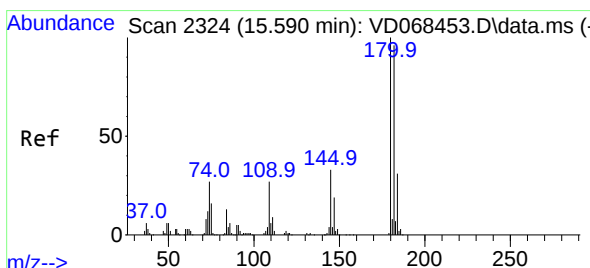
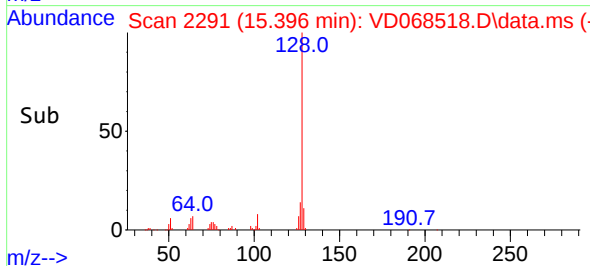
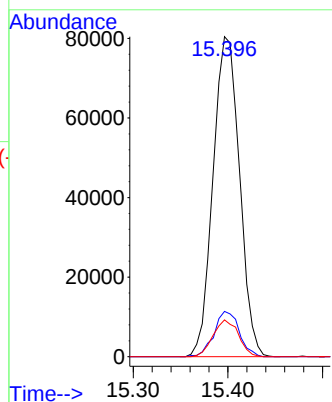
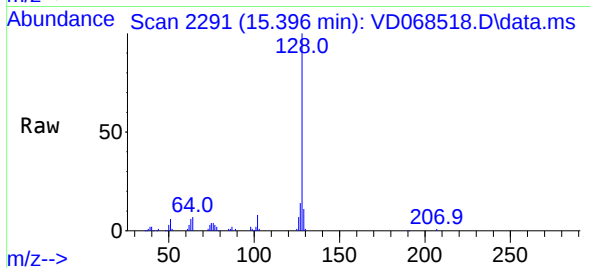
#95
Naphthalene
Concen: 18.68 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:128 Resp: 156319
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations
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MMDadoda
3/5/2021 10:11:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.02 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068518.D
Acq: 04 Mar 2021 11:41

Tgt Ion:180 Resp: 80131
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 33.0 16.7 50.1

