

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066734.D
 Acq On : 17 Sep 2020 10:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:18:14 PM

Quant Time: Sep 18 01:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	427207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	681664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	217632	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.91	113	212151	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.34	98	779900	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.63	95	254326	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	145871	45.703	ug/l	97
3) Chloromethane	2.21	50	187000	40.225	ug/l	97
4) Vinyl Chloride	2.35	62	200531	41.216	ug/l	97
5) Bromomethane	2.77	94	142962	41.421	ug/l	97
6) Chloroethane	2.92	64	122968	40.570	ug/l #	87
7) Trichlorofluoromethane	3.27	101	370639	44.104	ug/l	99
8) Diethyl Ether	3.71	74	93148	44.264	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	210813	45.646	ug/l	98
10) Methyl Iodide	4.30	142	195143	44.533	ug/l	99
11) Tert butyl alcohol	5.21	59	65761	211.695	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	188831	44.174	ug/l	94
13) Acrolein	3.92	56	76139	236.847	ug/l	97
14) Allyl chloride	4.71	41	300095	43.714	ug/l	98
15) Acrylonitrile	5.42	53	207752	225.365	ug/l	98
16) Acetone	4.15	43	268772	289.564	ug/l	93
17) Carbon Disulfide	4.41	76	623828	46.442	ug/l	100
18) Methyl Acetate	4.72	43	88666	44.347	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	429212	45.079	ug/l	100
20) Methylene Chloride	4.96	84	237335	47.147	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	230614	46.306	ug/l	99
22) Diisopropyl ether	6.36	45	632241	45.325	ug/l	95
23) Vinyl Acetate	6.30	43	1812739	233.627	ug/l	98
24) 1,1-Dichloroethane	6.26	63	388978	43.944	ug/l	97
25) 2-Butanone	7.21	43	289809	239.780	ug/l	97
26) 2,2-Dichloropropane	7.20	77	369594	45.154	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	249021	45.705	ug/l	100
28) Bromochloromethane	7.54	49	158632	47.980	ug/l	96
29) Tetrahydrofuran	7.56	42	164927	223.028	ug/l	95
30) Chloroform	7.70	83	419301	44.509	ug/l	97
31) Cyclohexane	7.98	56	362707	45.049	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	392933	45.581	ug/l	100
36) 1,1-Dichloropropene	8.11	75	327377	46.712	ug/l	99
37) Ethyl Acetate	7.29	43	122334	46.107	ug/l	98
38) Carbon Tetrachloride	8.09	117	353599	47.510	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	392190	48.923	ug/l	98
40) Benzene	8.34	78	898419	47.383	ug/l	99
41) Methacrylonitrile	7.51	41	67983	48.398	ug/l	92
42) 1,2-Dichloroethane	8.41	62	262076	44.615	ug/l	97
43) Isopropyl Acetate	8.44	43	225984	45.251	ug/l	99
44) Trichloroethene	9.11	130	243218	47.976	ug/l	96
45) 1,2-Dichloropropane	9.38	63	222487	47.465	ug/l	97
46) Dibromomethane	9.47	93	120271	46.693	ug/l	99
47) Bromodichloromethane	9.66	83	322624	45.966	ug/l	99
48) Methyl methacrylate	9.45	41	121720	47.918	ug/l	98
49) 1,4-Dioxane	9.46	88	25182	912.671	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	599627	233.222	ug/l	98
52) Toluene	10.40	92	585013	48.163	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	292756	46.691	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	354586	47.613	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	155921	45.912	ug/l	97
56) Ethyl methacrylate	10.66	69	185508	48.136	ug/l	97
57) 1,3-Dichloropropane	10.94	76	272233	45.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	417328	246.561	ug/l	98
59) 2-Hexanone	10.98	43	445104	257.653	ug/l	100
60) Dibromochloromethane	11.14	129	207758	46.950	ug/l	97
61) 1,2-Dibromoethane	11.24	107	153449	47.103	ug/l	100
64) Tetrachloroethene	10.87	164	192667	46.275	ug/l	96
65) Chlorobenzene	11.67	112	590491	46.761	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	220377	47.299	ug/l	99
67) Ethyl Benzene	11.74	91	1118273	48.891	ug/l	96
68) m/p-Xylenes	11.85	106	856100	99.030	ug/l	98
69) o-Xylene	12.18	106	376955	49.343	ug/l	98
70) Styrene	12.19	104	662944	49.305	ug/l	99
71) Bromoform	12.36	173	110241	47.147	ug/l #	97
73) Isopropylbenzene	12.48	105	1054866	50.111	ug/l	100
74) N-amyl acetate	12.28	43	208664	46.991	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	168099	46.994	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	126934m	52.590	ug/l	
77) Bromobenzene	12.76	156	229340	47.269	ug/l	97
78) n-propylbenzene	12.82	91	1284365	50.051	ug/l	99
79) 2-Chlorotoluene	12.91	91	694682	47.876	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	889931	50.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	54943	49.128	ug/l	93
82) 4-Chlorotoluene	13.00	91	747028	48.691	ug/l	99
83) tert-Butylbenzene	13.23	119	746194	50.866	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	882824	49.632	ug/l	100
85) sec-Butylbenzene	13.40	105	1058098	50.311	ug/l	99
86) p-Isopropyltoluene	13.52	119	986631	51.602	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	455463	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	440729	47.548	ug/l	99
89) n-Butylbenzene	13.84	91	936008	51.484	ug/l	99
90) Hexachloroethane	14.11	117	190735	48.561	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	378252	47.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27764	48.016	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	246987	51.200	ug/l	99
94) Hexachlorobutadiene	15.27	225	148112	50.961	ug/l	98
95) Naphthalene	15.41	128	428817	50.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	209691	49.766	ug/l	98

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

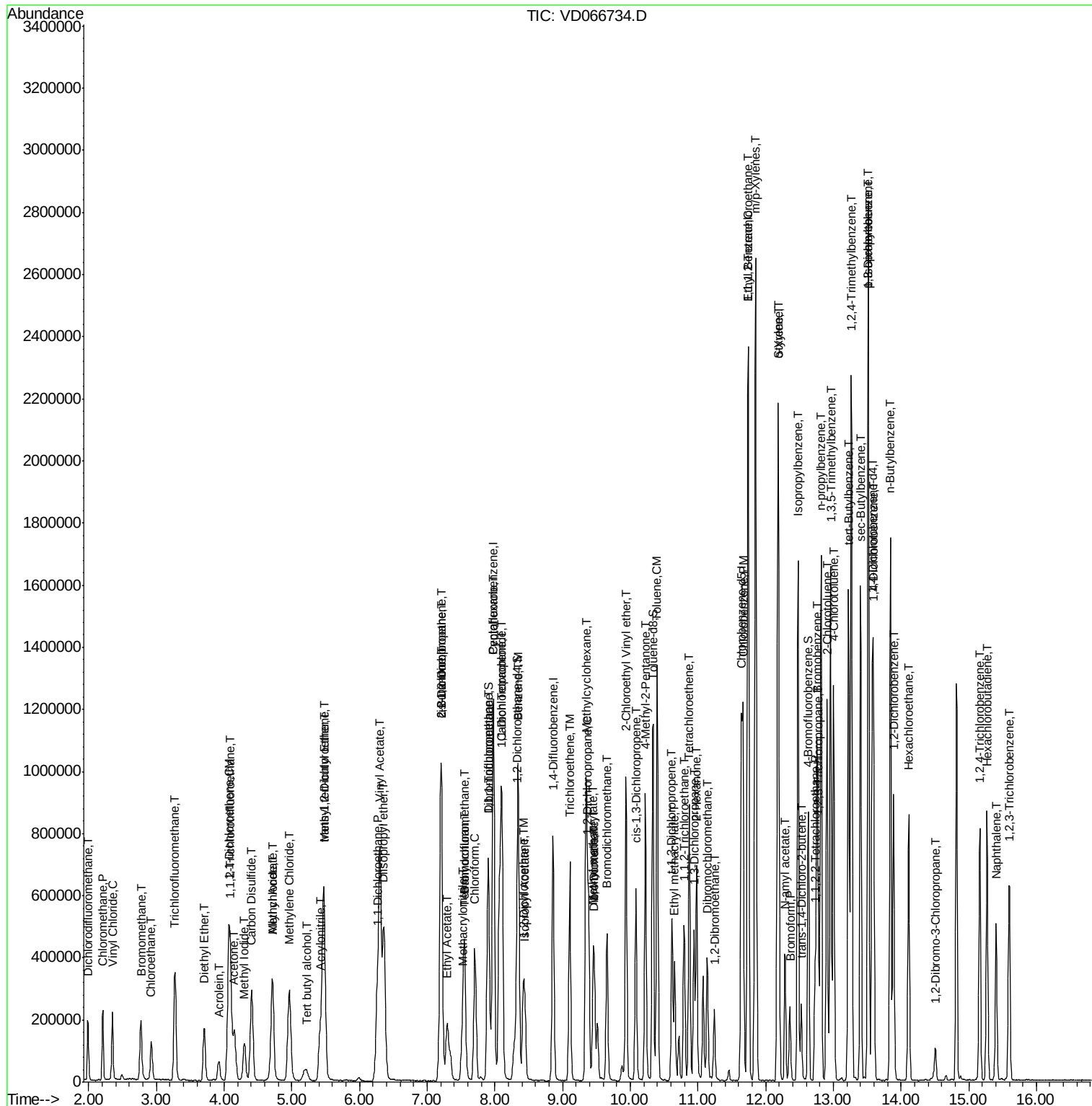
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
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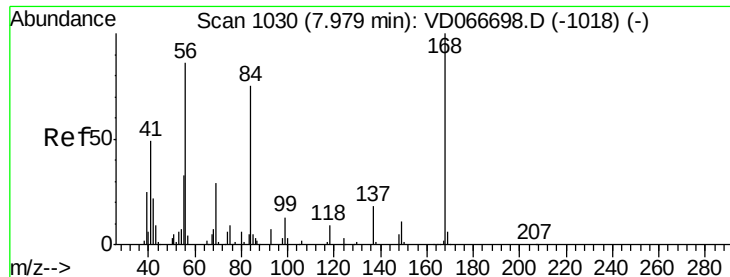
Instrument :
 MSVOA_D
 ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 427207

Ion Ratio Lower Upper

168 100

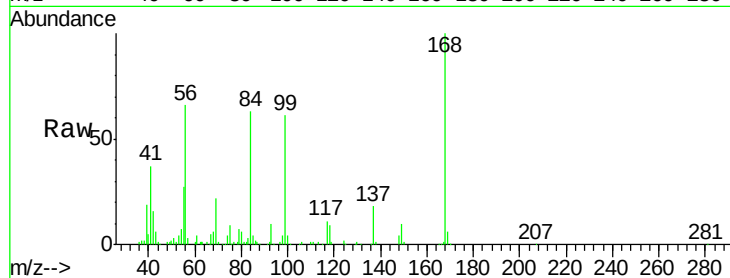
99 61.3 54.4 81.6

Manual Integrations

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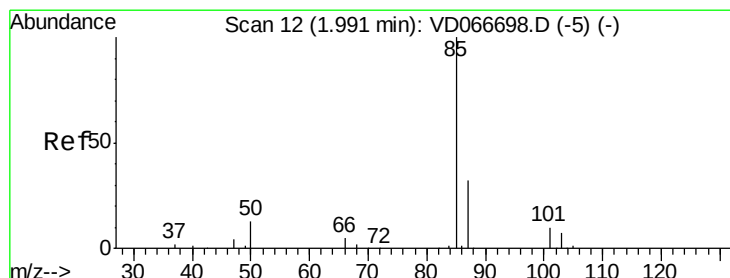
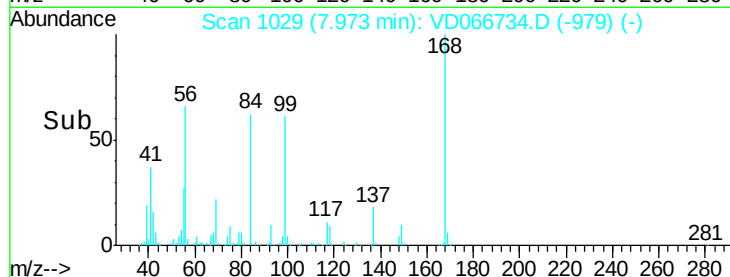
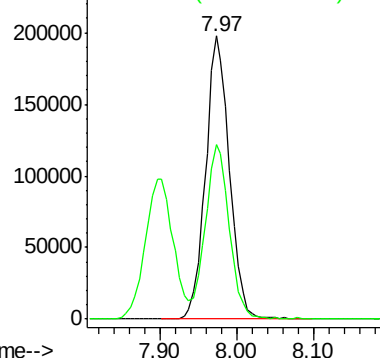
MMDadoda

9/18/2020 12:18:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.703 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066734.D

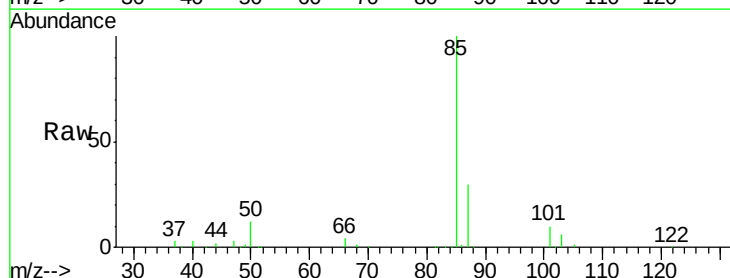
Acq: 17 Sep 2020 10:27

Tgt Ion: 85 Resp: 145871

Ion Ratio Lower Upper

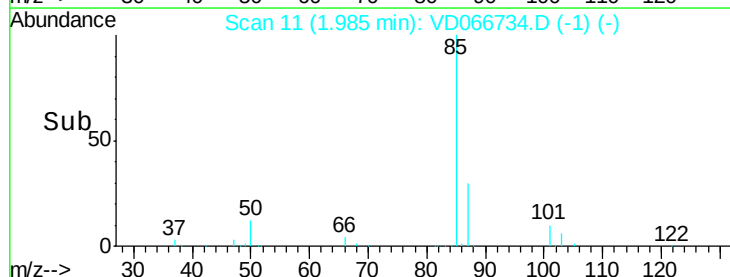
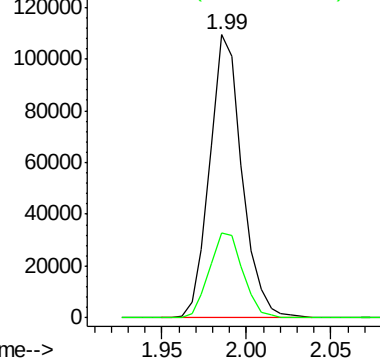
85 100

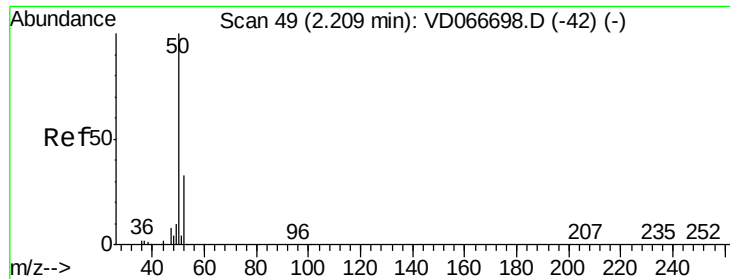
87 30.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.225 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 187000

Ion Ratio Lower Upper

50 100

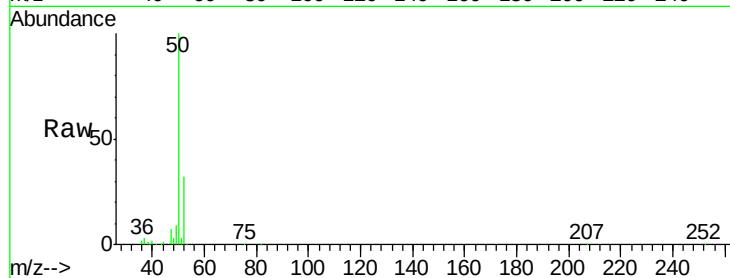
52 31.6 26.8 40.2

Manual Integrations

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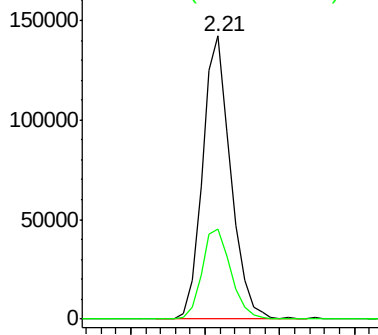
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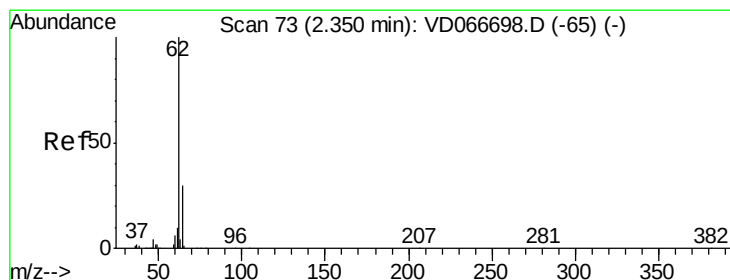
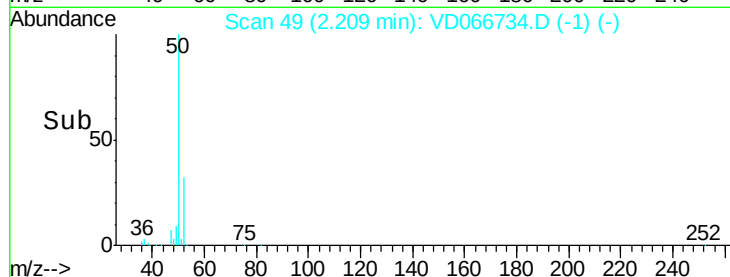


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 41.216 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066734.D

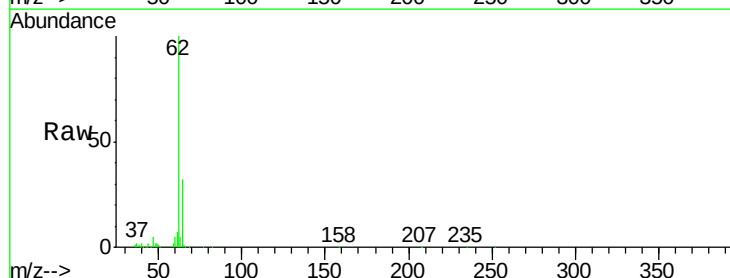
Acq: 17 Sep 2020 10:27

Tgt Ion: 62 Resp: 200531

Ion Ratio Lower Upper

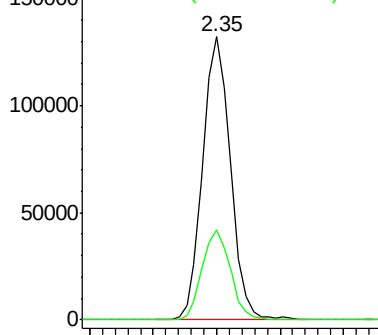
62 100

64 32.0 24.4 36.6

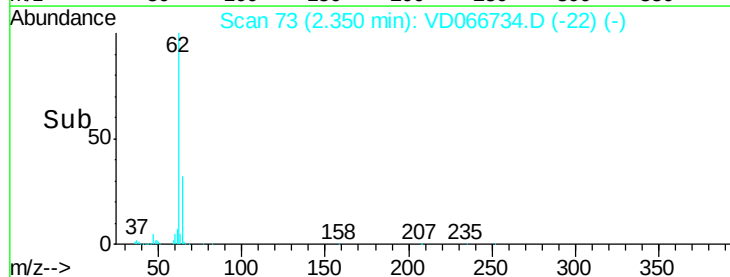


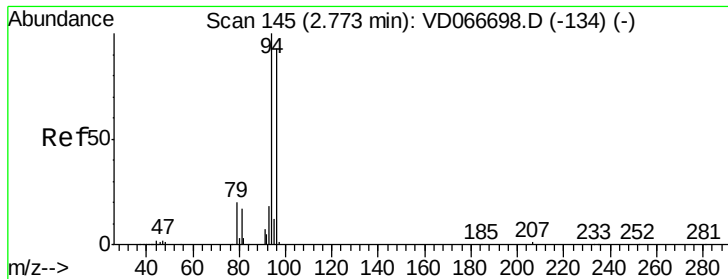
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 41.421 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 142962

Ion Ratio Lower Upper

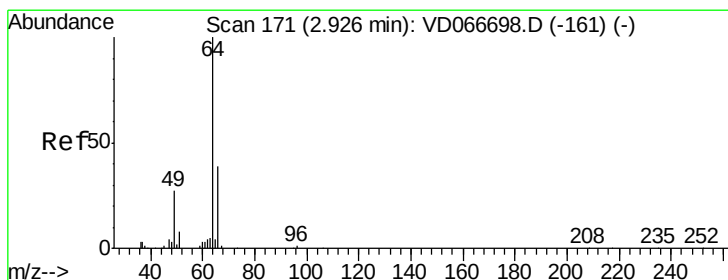
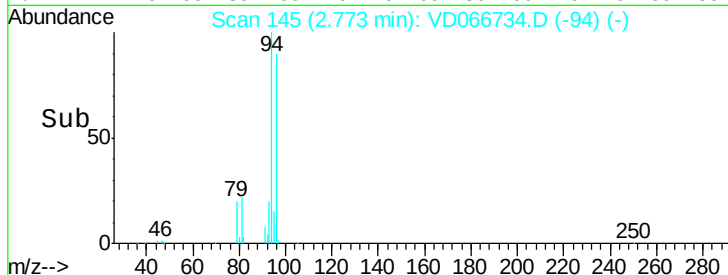
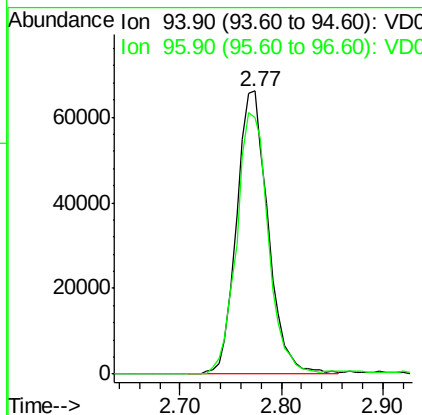
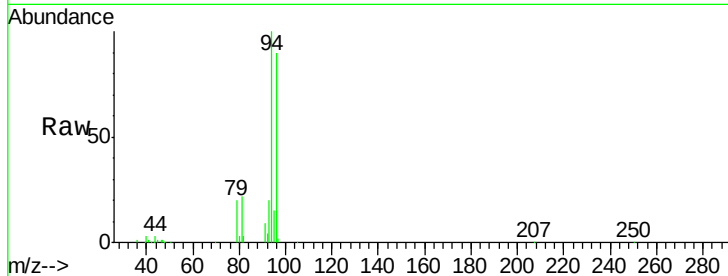
94 100

96 90.5 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 40.570 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066734.D

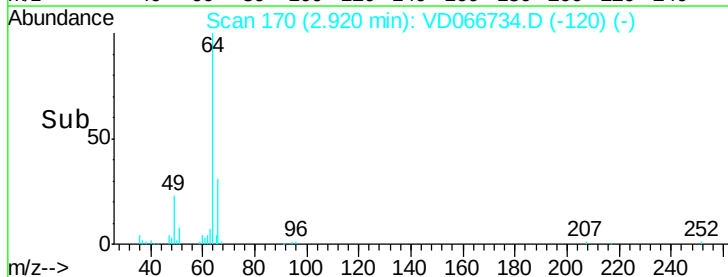
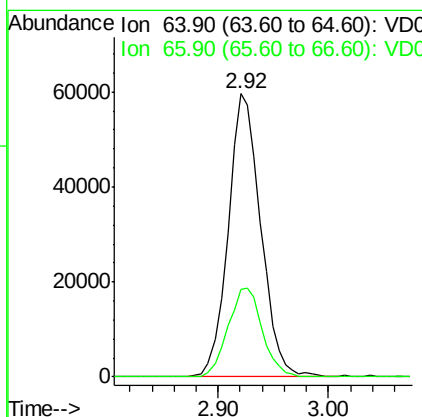
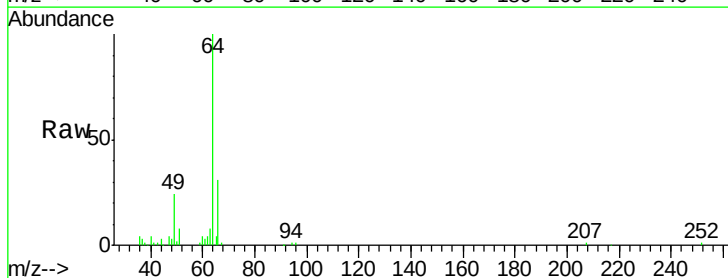
Acq: 17 Sep 2020 10:27

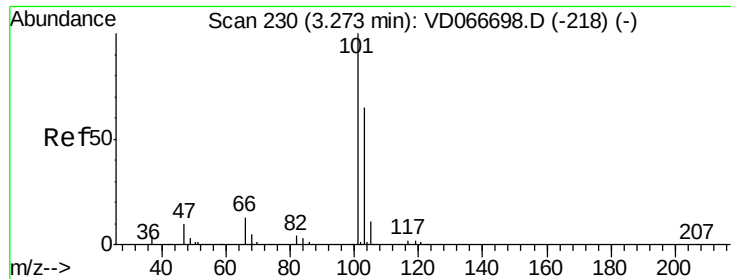
Tgt Ion: 64 Resp: 122968

Ion Ratio Lower Upper

64 100

66 30.7 30.9 46.3#





#7

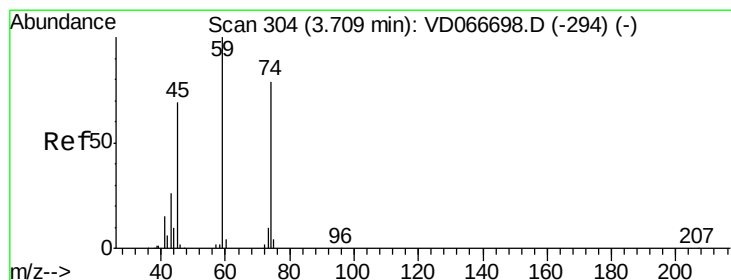
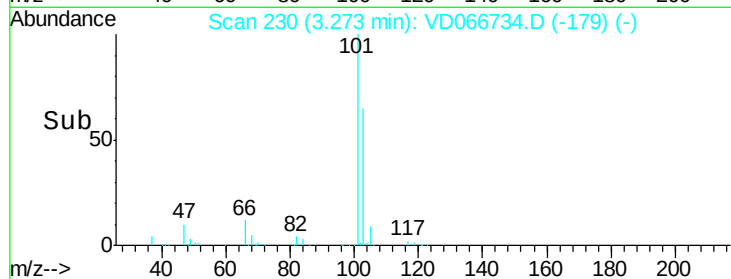
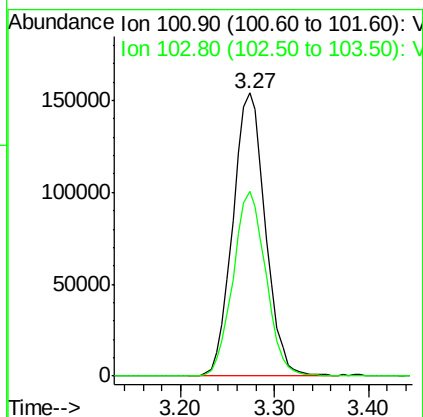
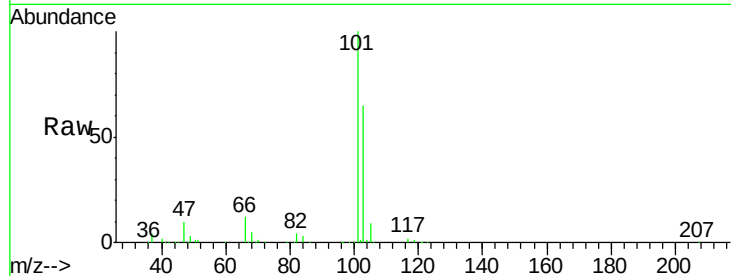
Trichlorofluoromethane
 Concen: 44.104 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

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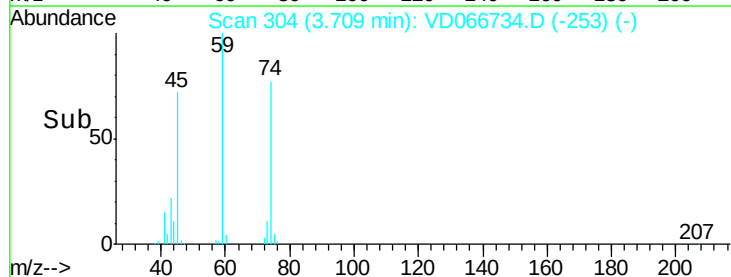
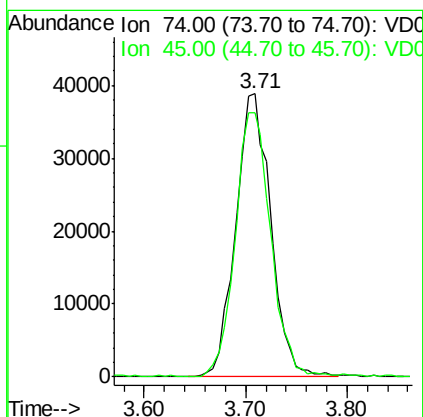
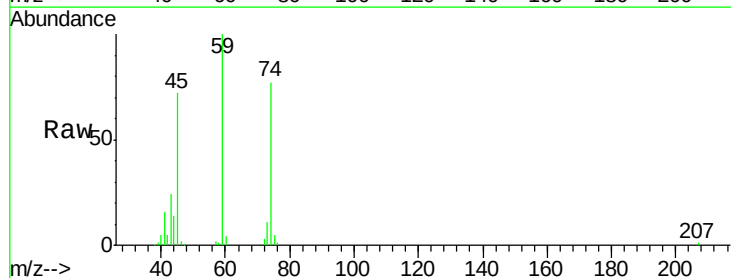
MMDadoda
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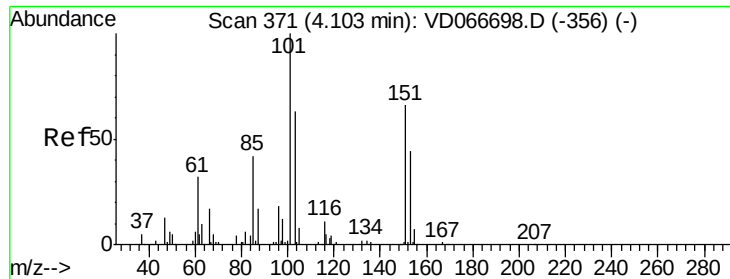


#8

Diethyl Ether
 Concen: 44.264 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.646 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

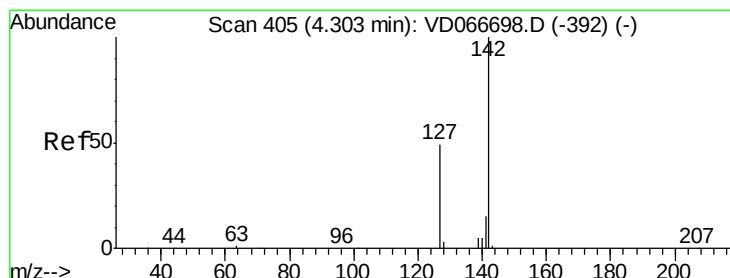
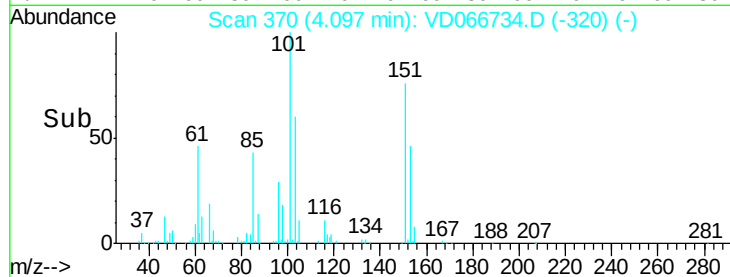
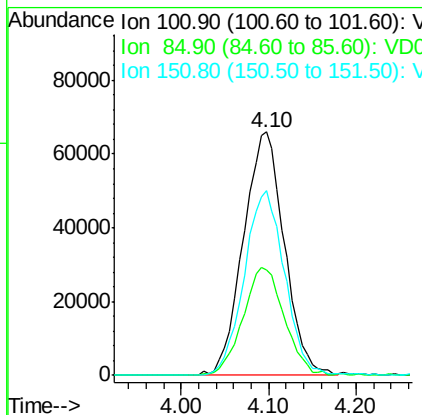
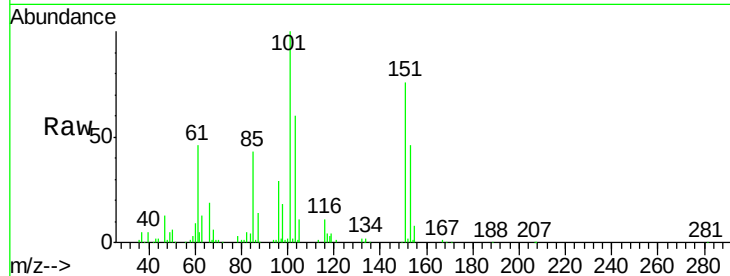
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	210813
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.3	54.5
151	75.0	58.0	87.0

Manual Integrations
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#10

Methyl Iodide

Concen: 44.533 ug/l

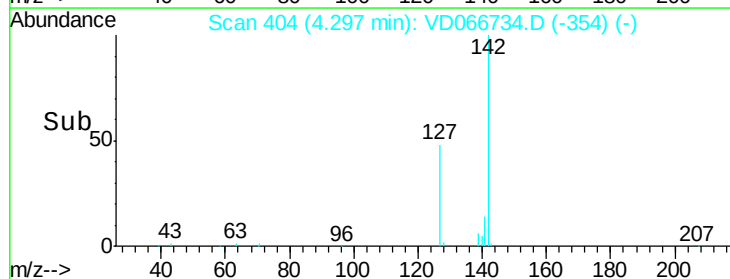
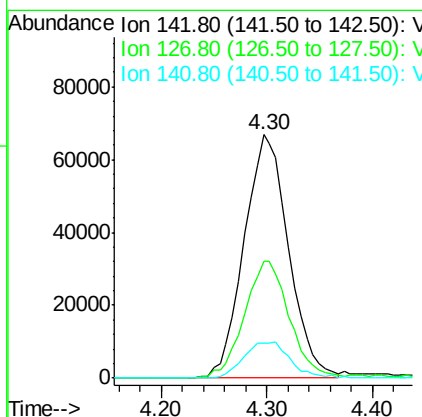
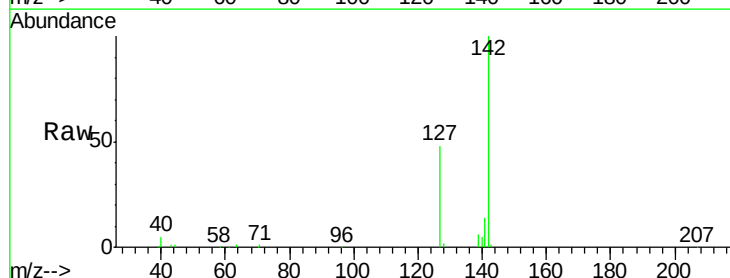
RT: 4.30 min Scan# 404

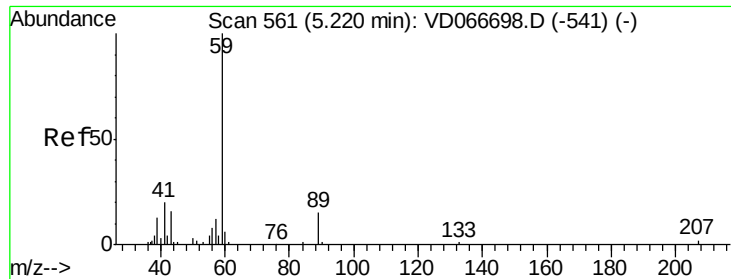
Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	142	Resp:	195143
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.0	58.4
141	15.5	11.7	17.5





#11

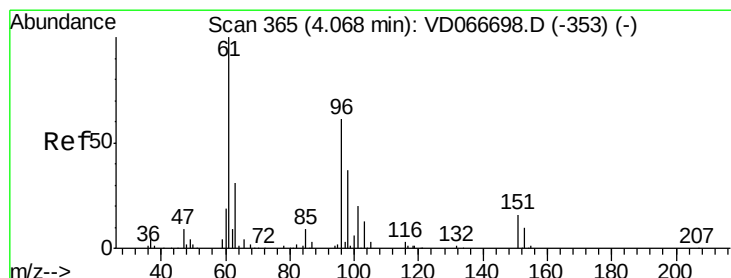
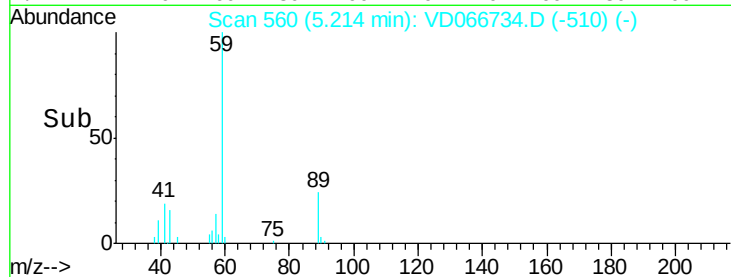
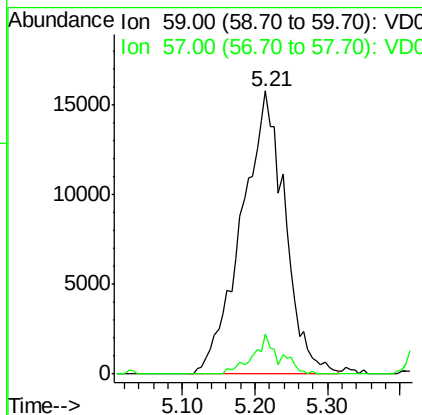
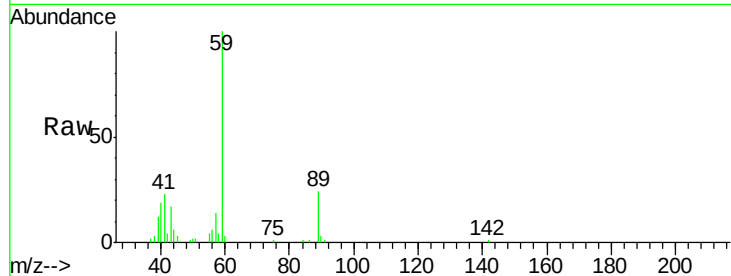
Tert butyl alcohol
 Concen: 211.695 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	6.7	10.1#

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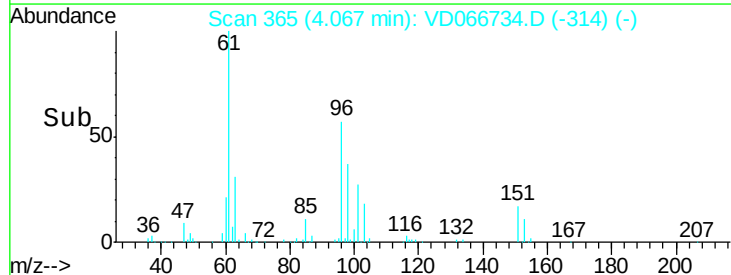
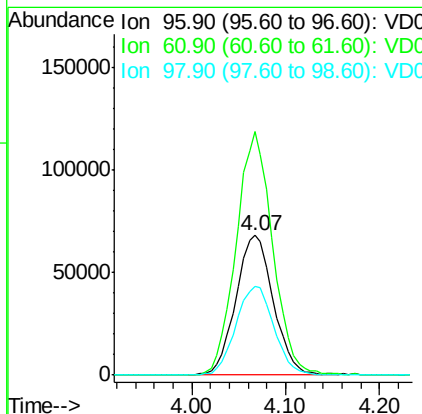
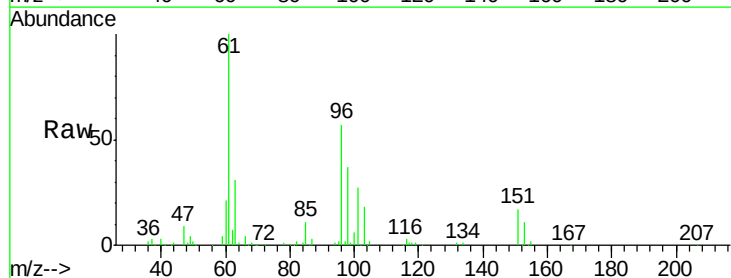
MMDadoda
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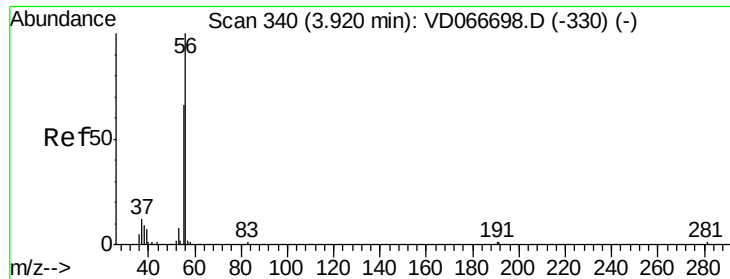


#12

1,1-Dichloroethene
 Concen: 44.174 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.0	131.9	197.9
98	63.7	49.1	73.7





#13

Acrolein

Concen: 236.847 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 76139

Ion Ratio Lower Upper

56 100

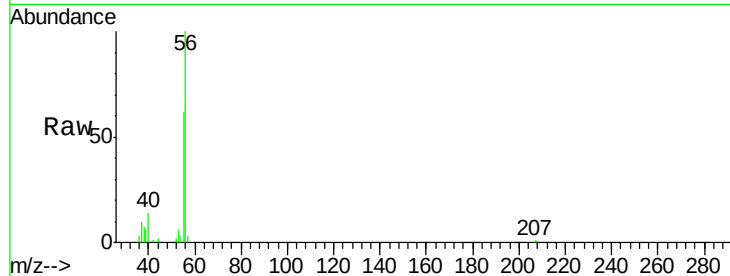
55 70.6 54.7 82.1

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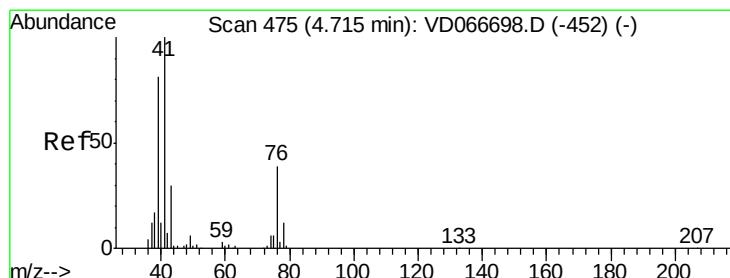
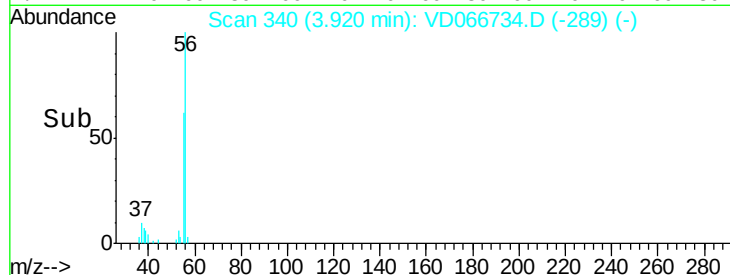
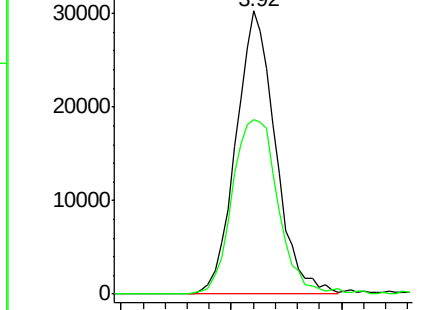
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 43.714 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

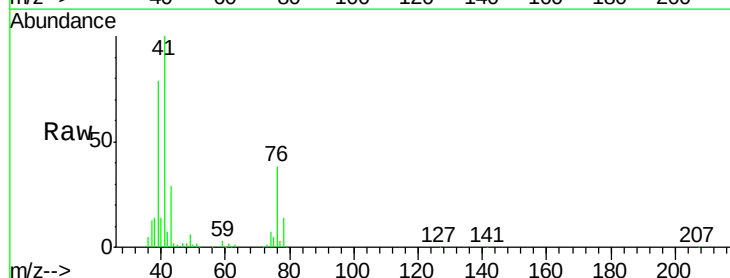
Tgt Ion: 41 Resp: 300095

Ion Ratio Lower Upper

41 100

39 75.3 60.6 90.8

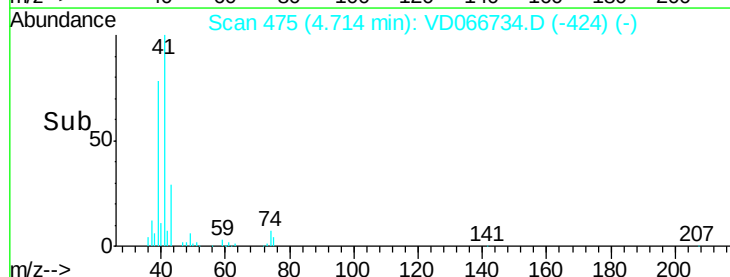
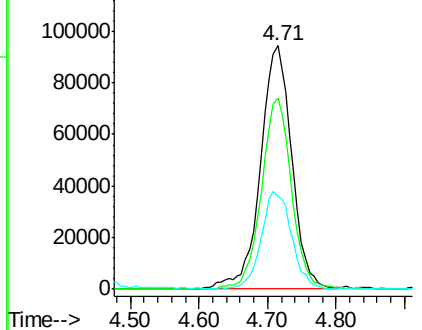
76 39.0 29.2 43.8

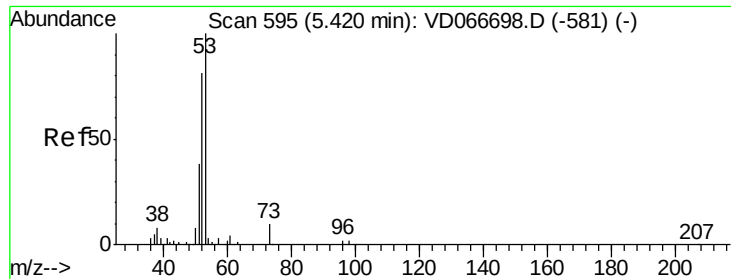


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 225.365 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

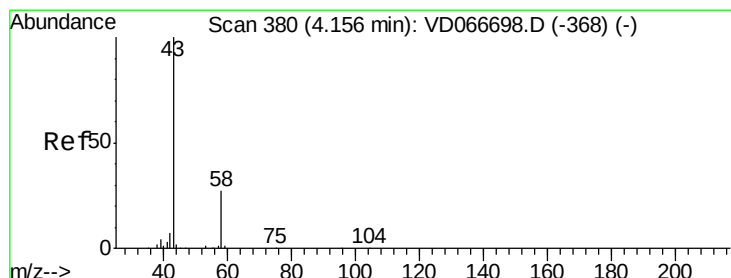
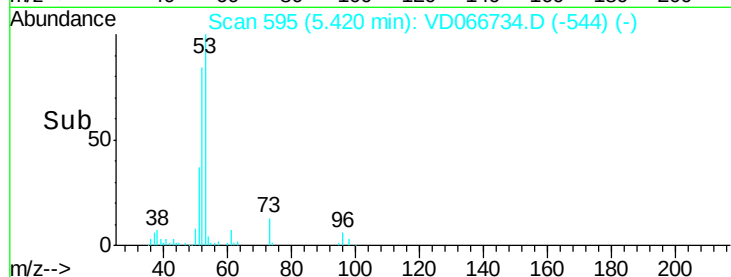
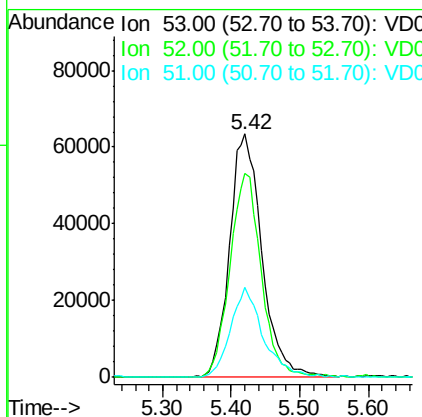
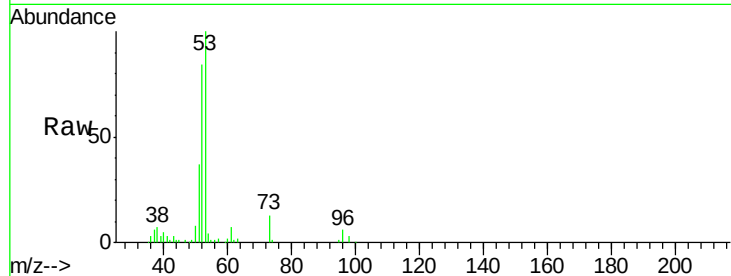
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	207752
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.6	99.8
51	36.9	31.0	46.6

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#16

Acetone

Concen: 289.564 ug/l

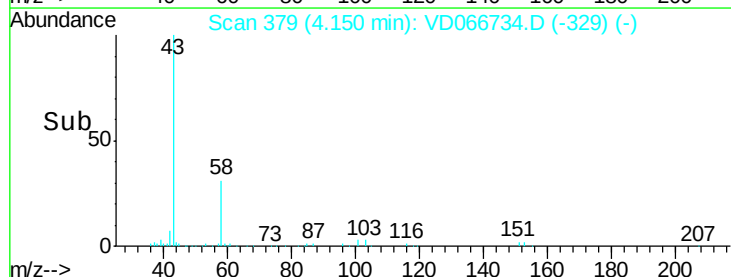
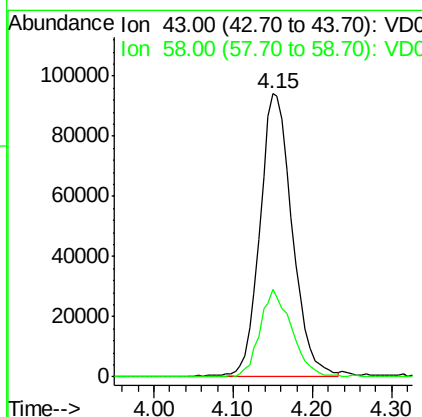
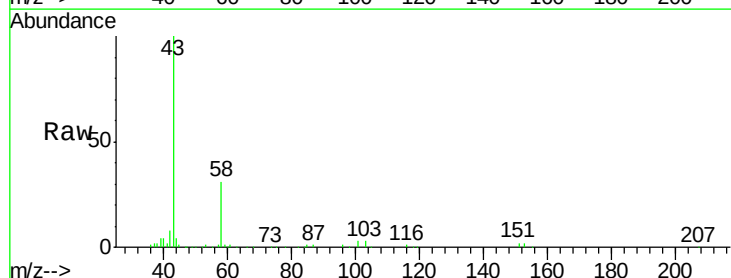
RT: 4.15 min Scan# 379

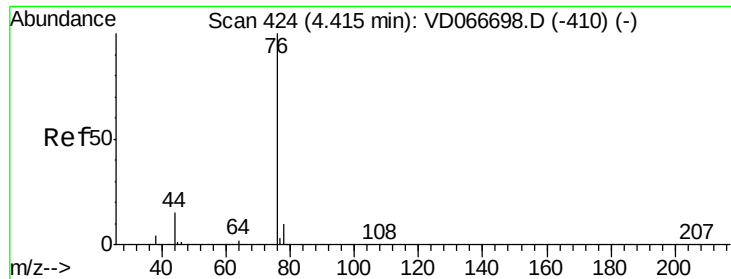
Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	43	Resp:	268772
Ion	Ratio	Lower	Upper
43	100		
58	31.1	21.9	32.9





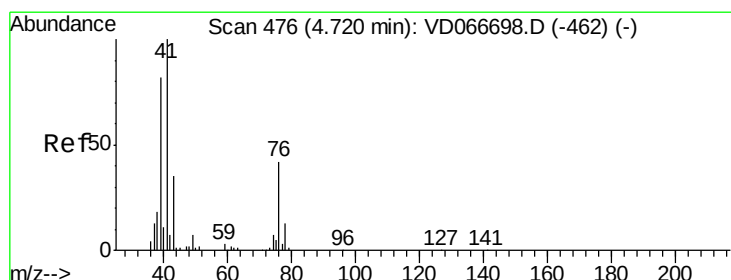
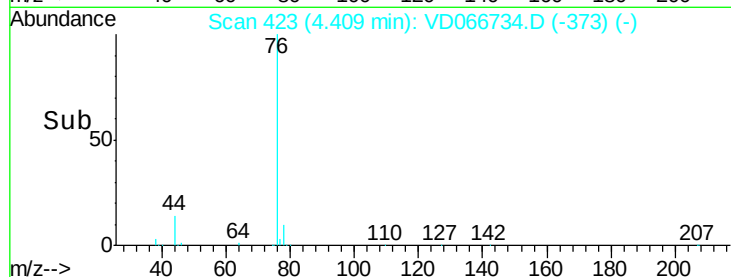
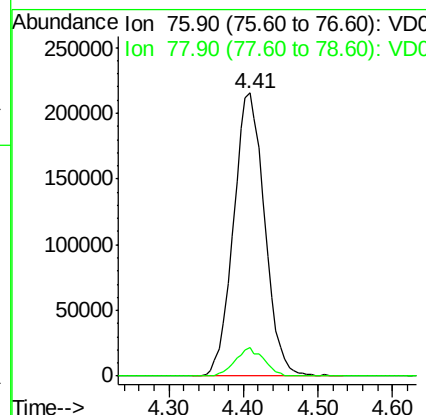
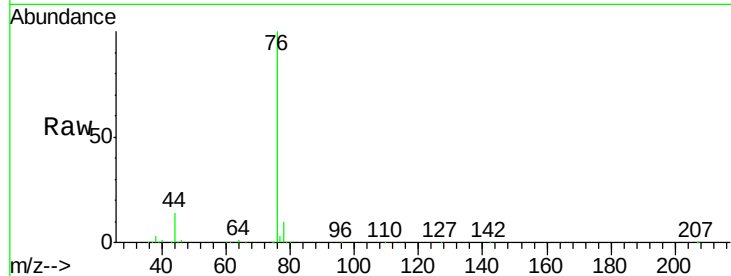
#17
Carbon Disulfide
Concen: 46.442 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	8.0	12.0

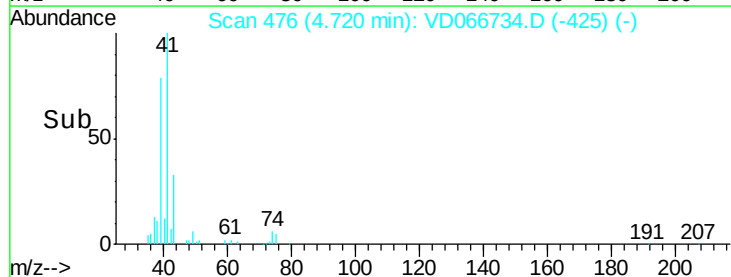
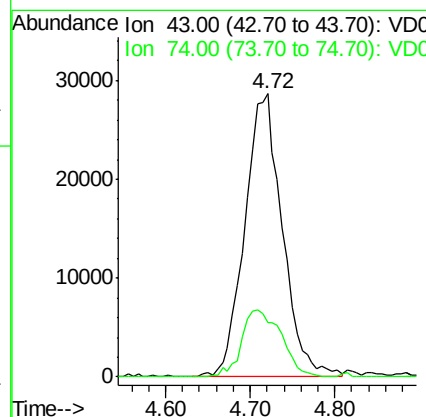
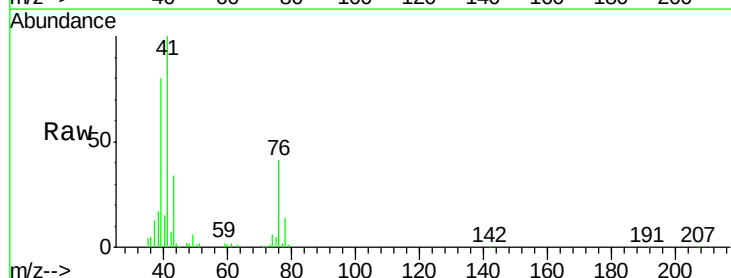
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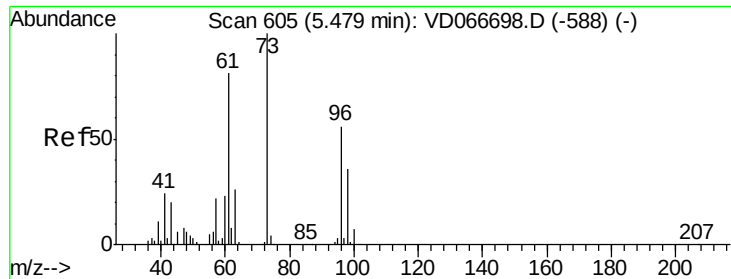
MMDadoda
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#18
Methyl Acetate
Concen: 44.347 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.6	28.0





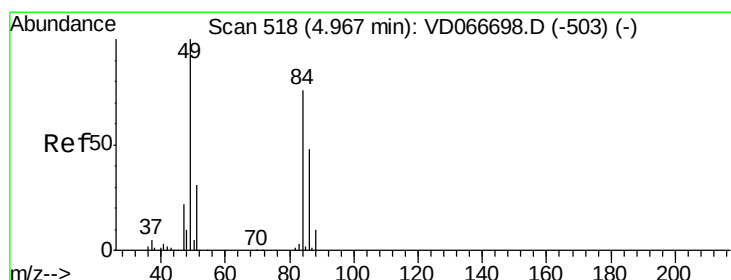
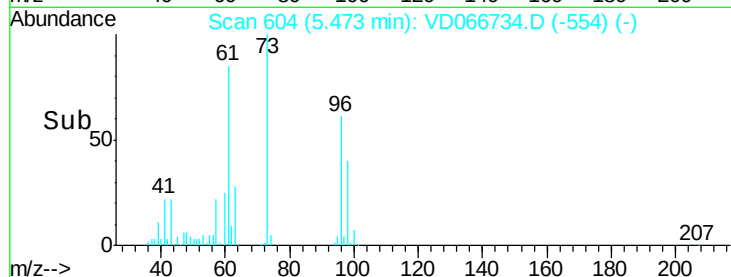
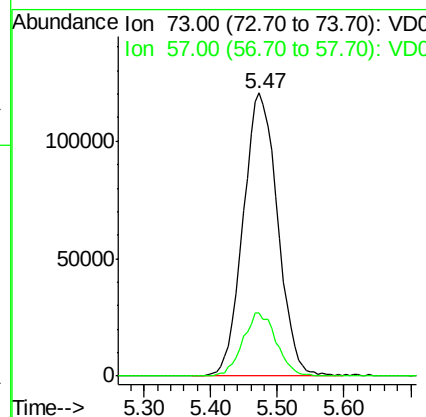
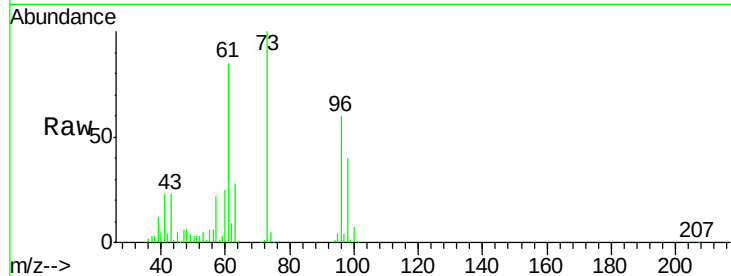
#19
Methyl tert-butyl Ether
Concen: 45.079 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 429212
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6

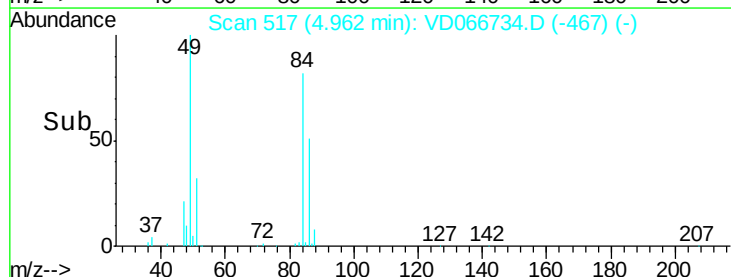
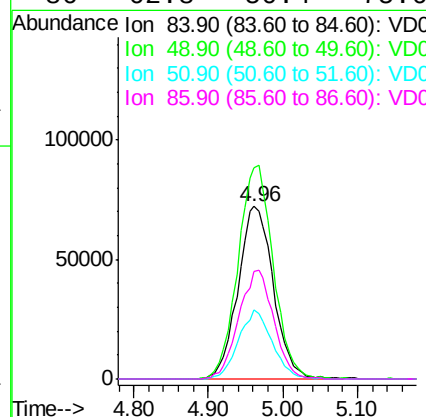
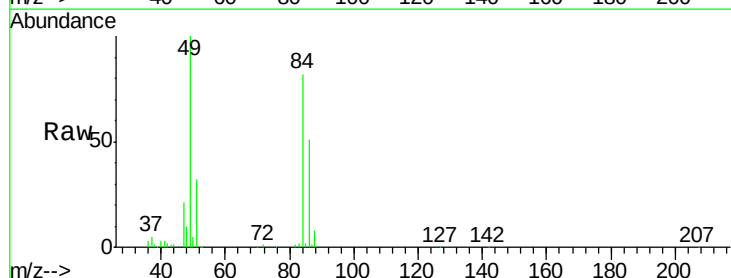
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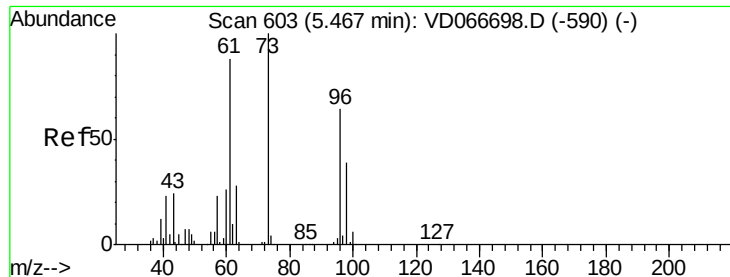
MMDadoda
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#20
Methylene Chloride
Concen: 47.147 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion: 84 Resp: 237335
Ion Ratio Lower Upper
84 100
49 122.5 105.0 157.6
51 39.8 32.2 48.4
86 62.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 46.306 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

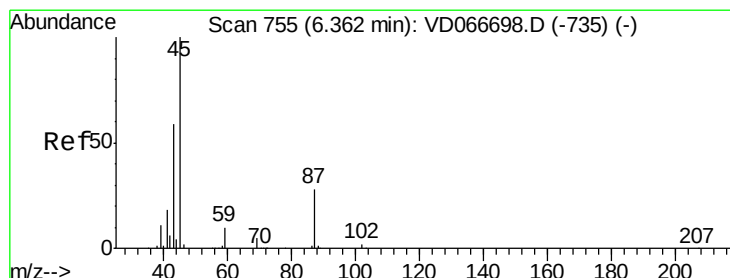
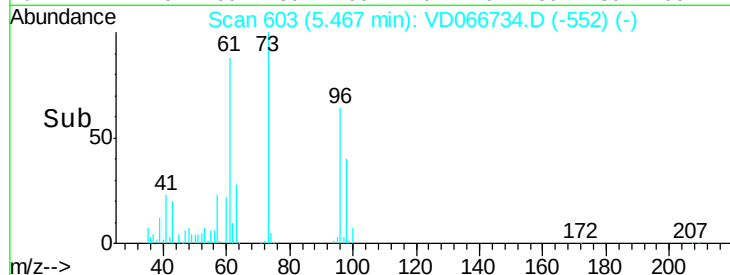
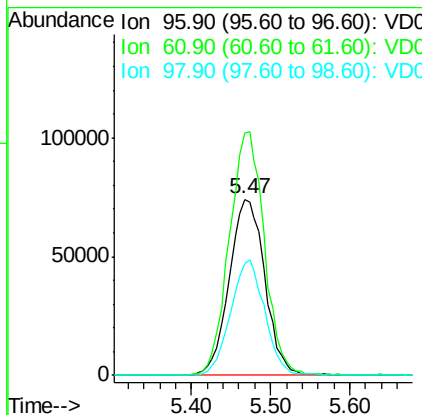
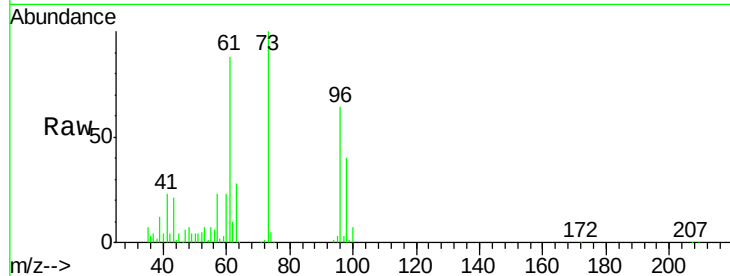
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	230614
Ion	Ratio	Lower	Upper
96	100		
61	137.7	110.6	166.0
98	63.2	49.2	73.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.325 ug/l

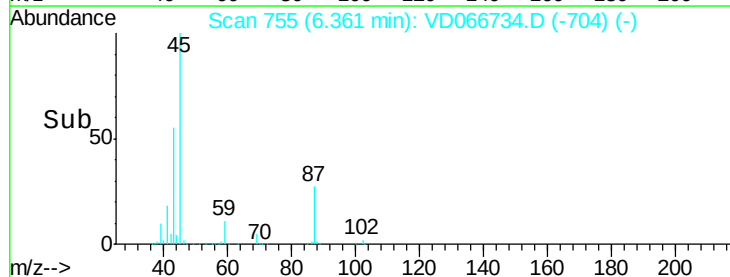
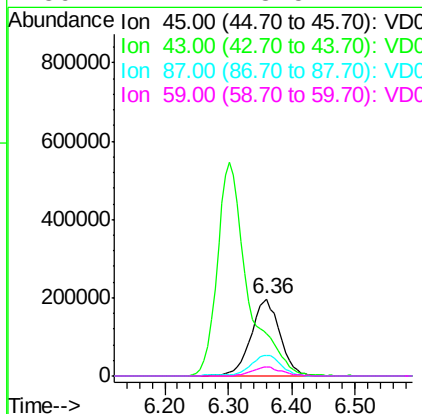
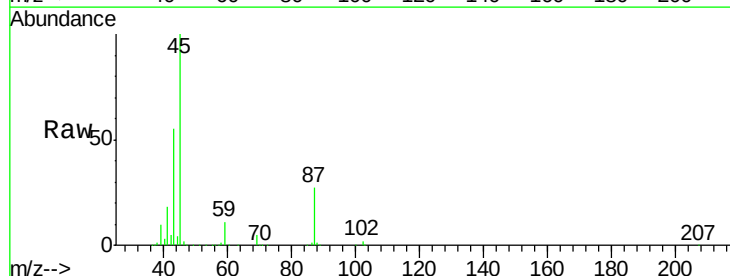
RT: 6.36 min Scan# 755

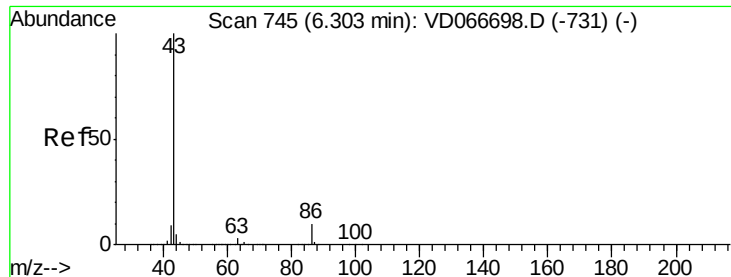
Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	45	Resp:	632241
Ion	Ratio	Lower	Upper
45	100		
43	54.0	46.9	70.3
87	26.8	22.4	33.6
59	11.4	8.5	12.7





#23

Vinyl Acetate

Concen: 233.627 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1812739

Ion Ratio Lower Upper

43 100

86 10.5

7.8

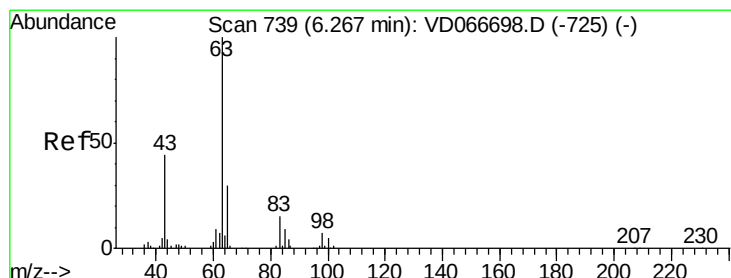
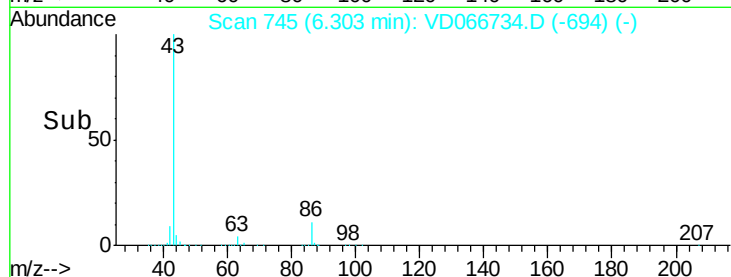
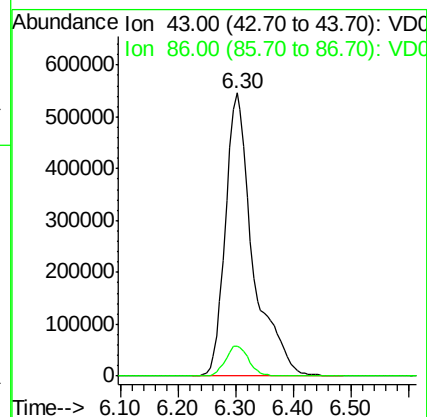
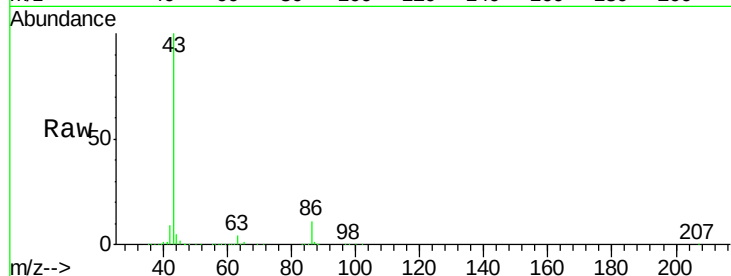
11.8

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#24

1,1-Dichloroethane

Concen: 43.944 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion: 63 Resp: 388978

Ion Ratio Lower Upper

63 100

98 8.0

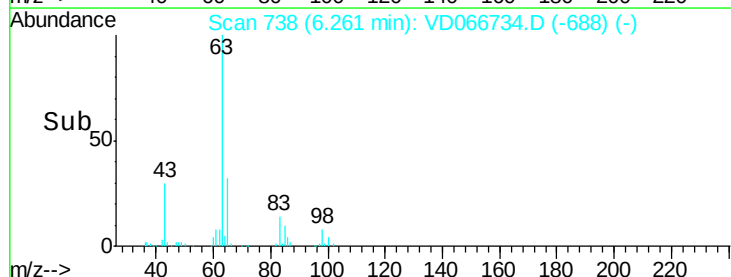
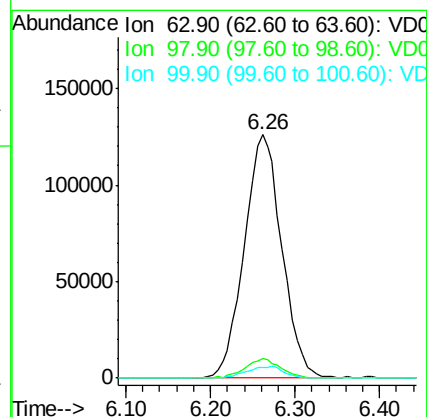
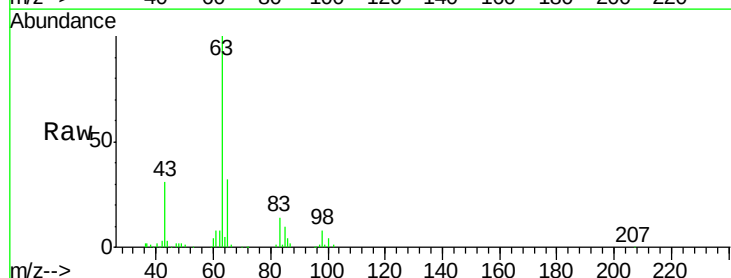
3.4

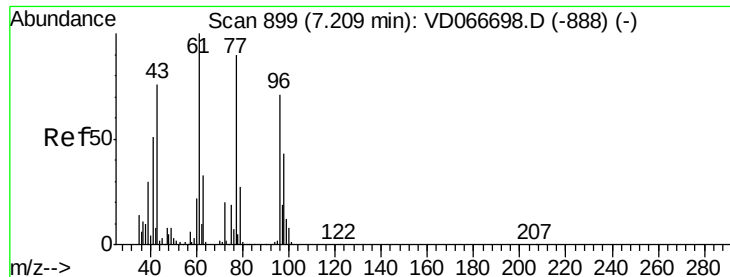
10.2

100 4.5

2.6

8.0





#25

2-Butanone

Concen: 239.780 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 289809

Ion Ratio Lower Upper

43 100

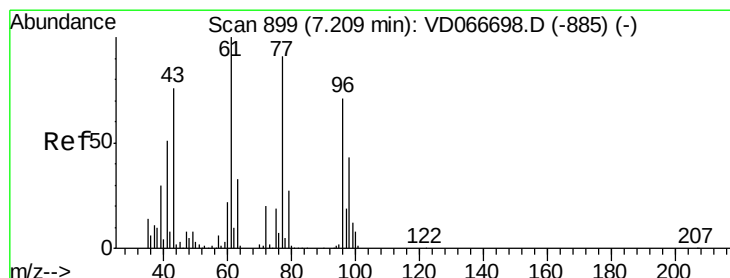
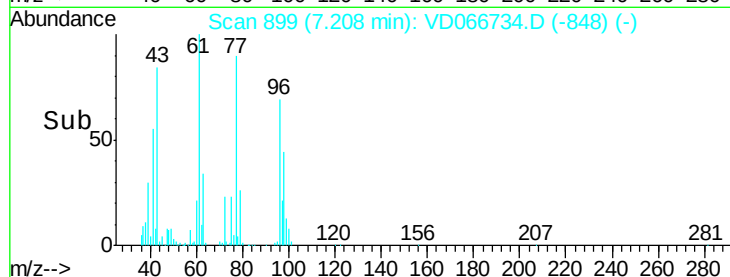
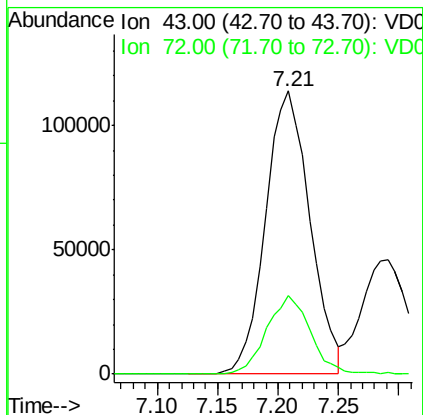
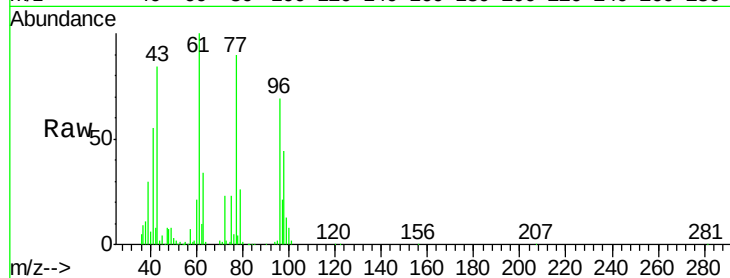
72 27.8 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.154 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066734.D

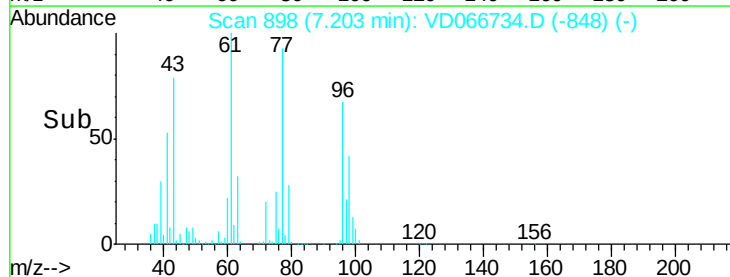
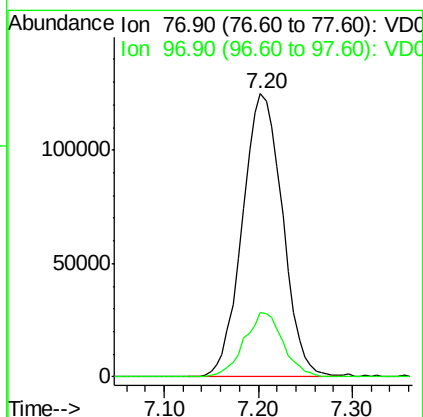
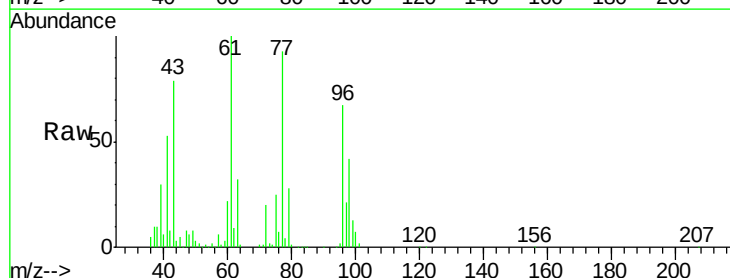
Acq: 17 Sep 2020 10:27

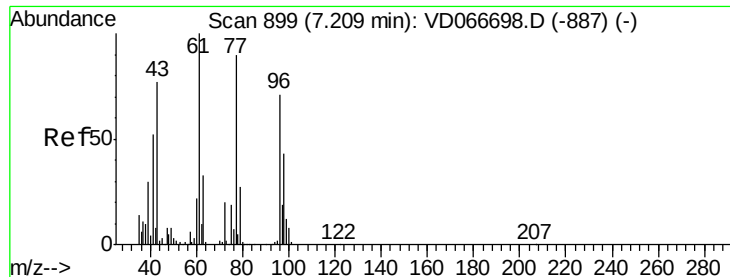
Tgt Ion: 77 Resp: 369594

Ion Ratio Lower Upper

77 100

97 21.9 10.6 31.8





#27

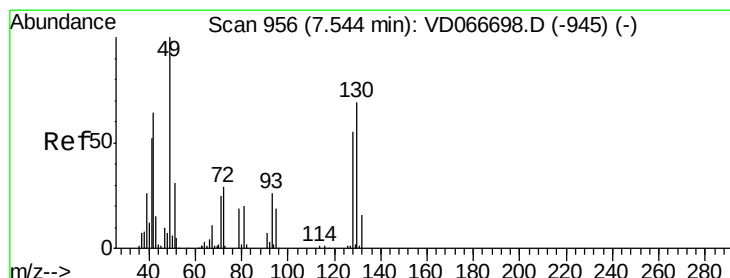
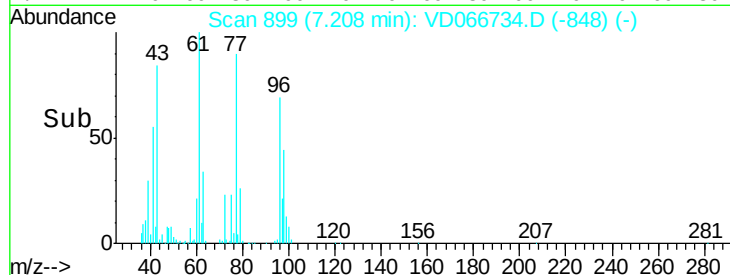
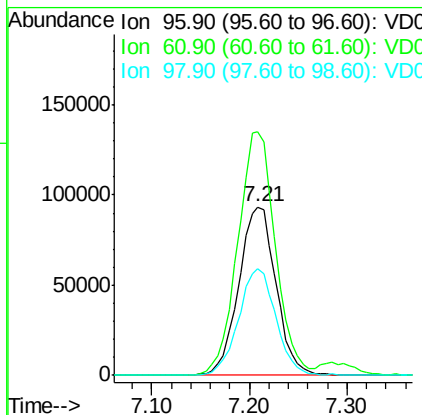
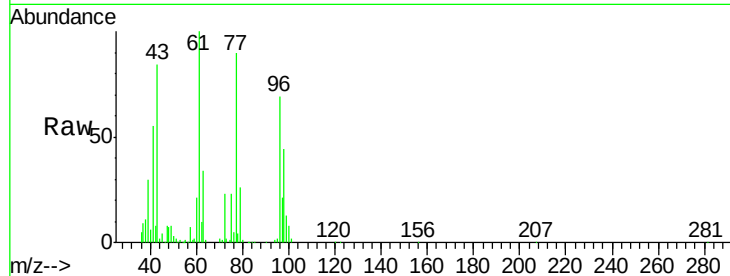
cis-1,2-Dichloroethene
 Concen: 45.705 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		249021		
61	145.8	0.0	292.4		
98	63.6	0.0	127.0		

Manual Integrations
 APPROVED

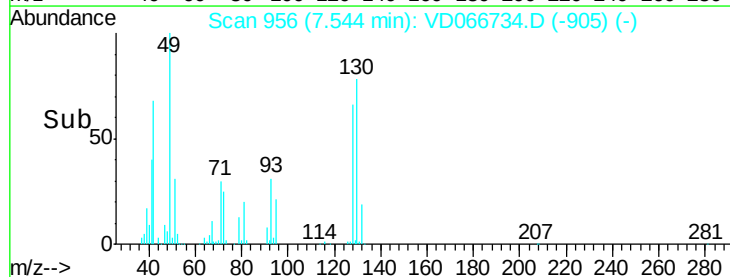
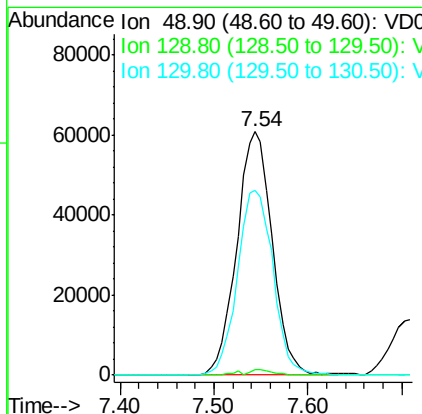
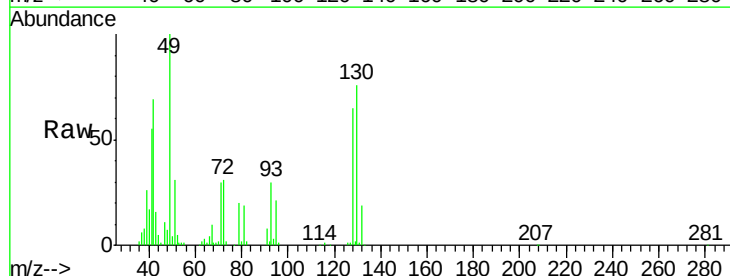
MMDadoda
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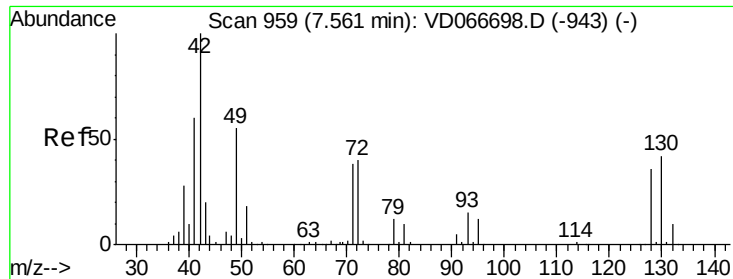


#28

Bromochloromethane
 Concen: 47.980 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		158632		
129	1.4	0.0	3.8		
130	76.4	58.6	88.0		





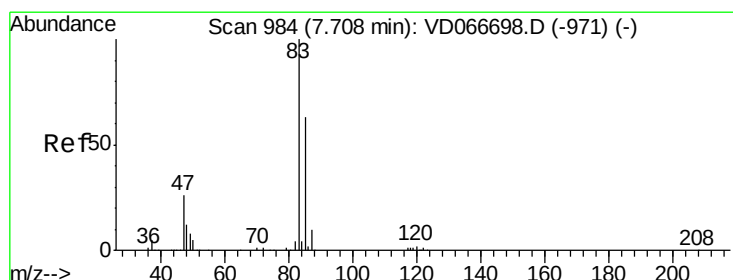
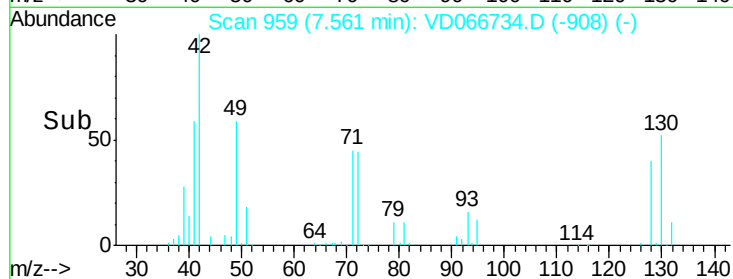
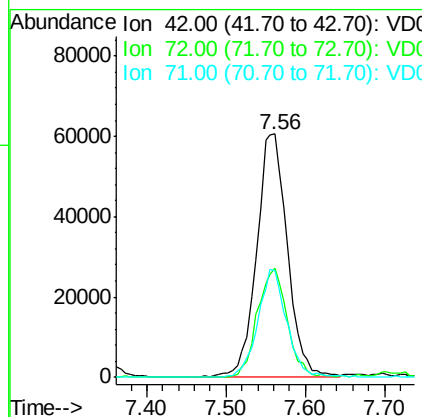
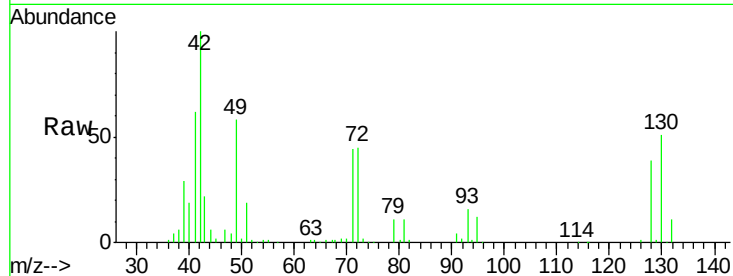
#29
Tetrahydrofuran
Concen: 223.028 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	32.6	48.8
71	41.7	30.6	45.8

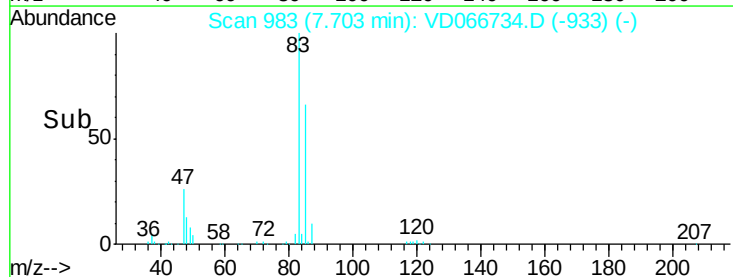
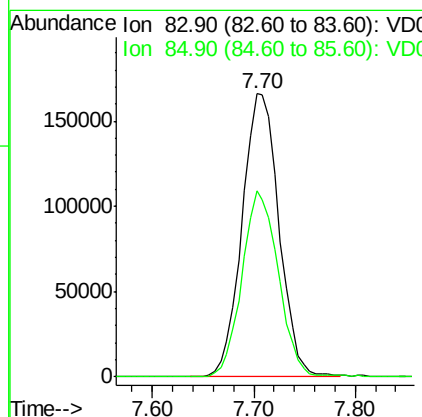
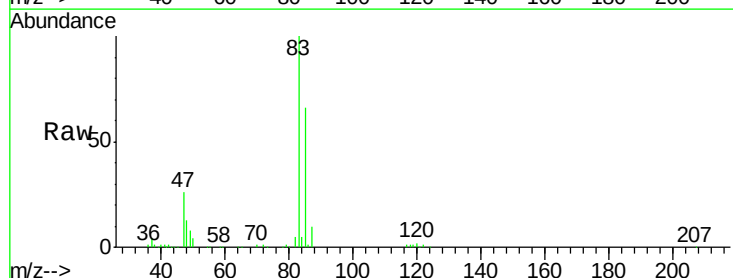
Manual Integrations
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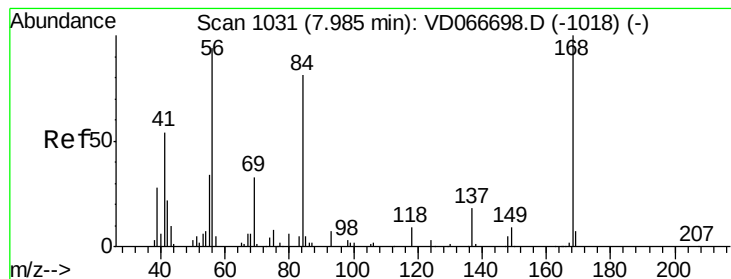
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#30
Chloroform
Concen: 44.509 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.6	76.0





#31

Cyclohexane

Concen: 45.049 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

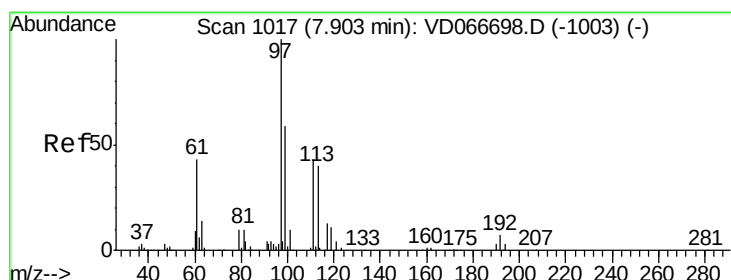
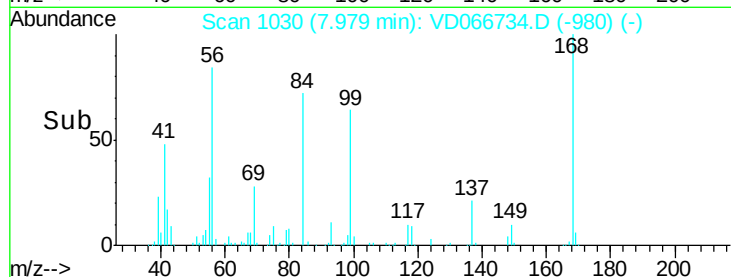
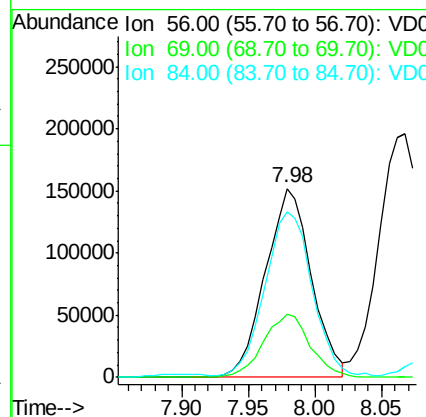
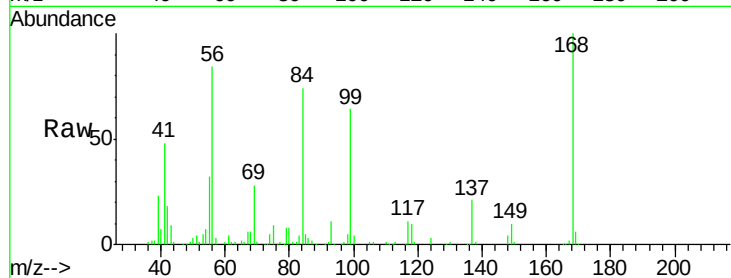
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	362707
Ion Ratio	Lower	Upper	
56	100		
69	33.5	27.7	41.5
84	86.2	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.581 ug/l

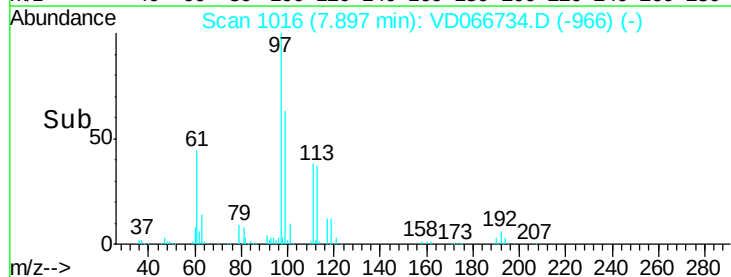
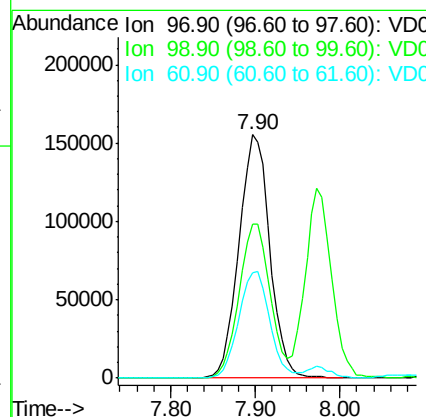
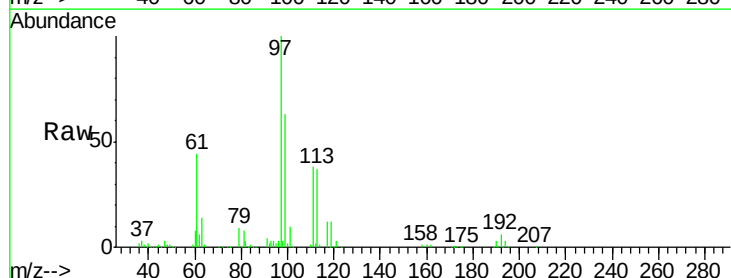
RT: 7.90 min Scan# 1016

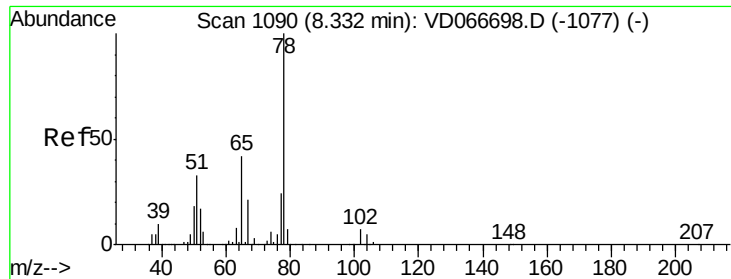
Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	97	Resp:	392933
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.0	76.4
61	43.8	35.2	52.8





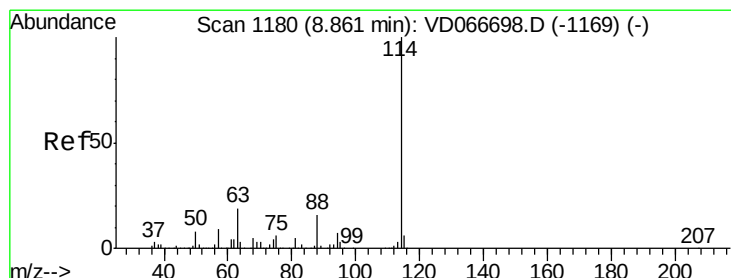
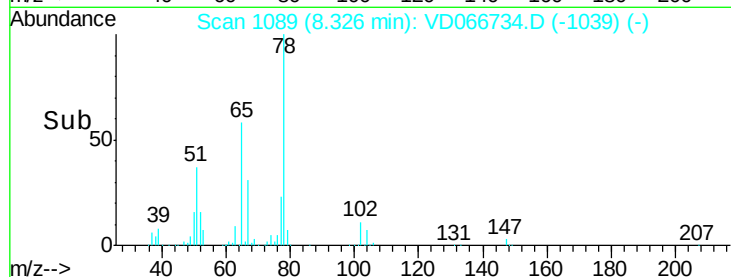
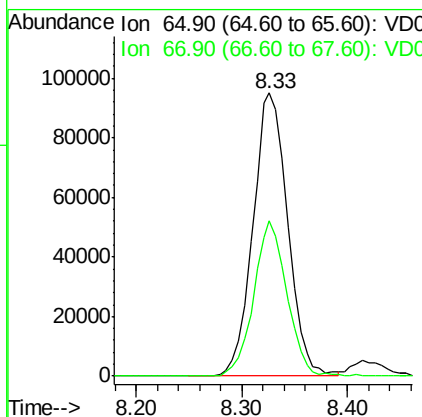
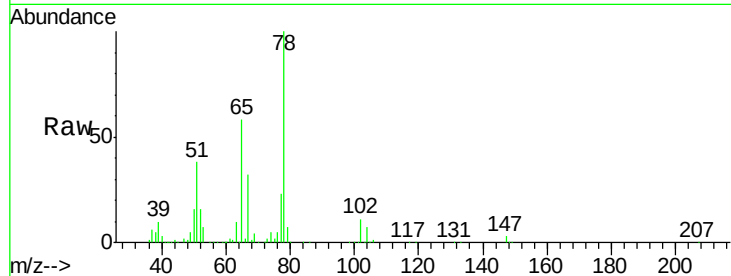
#33
 1,2-Dichloroethane-d4
 Concen: 47.747 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217632		
67	52.2	0.0	102.2	

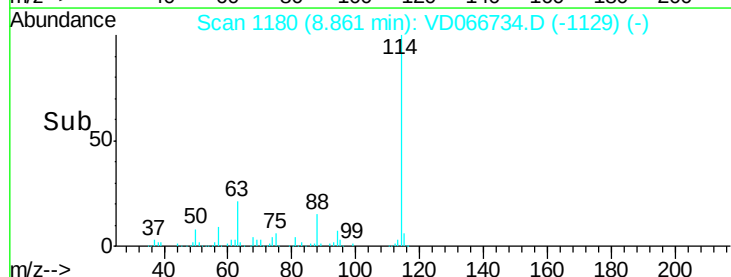
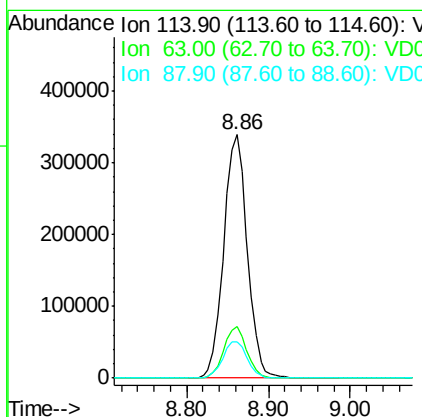
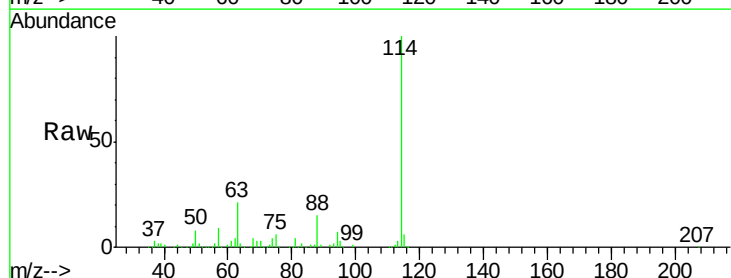
Manual Integrations
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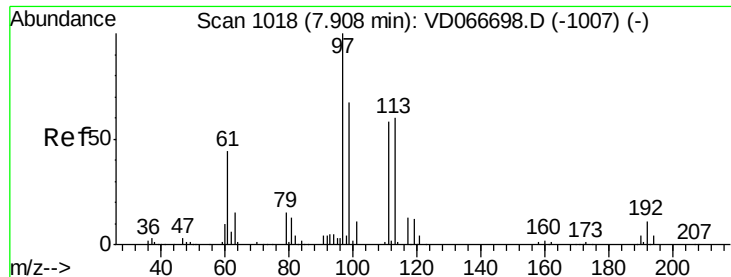
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	681664		
63	21.0	0.0	37.6	
88	14.7	0.0	32.2	





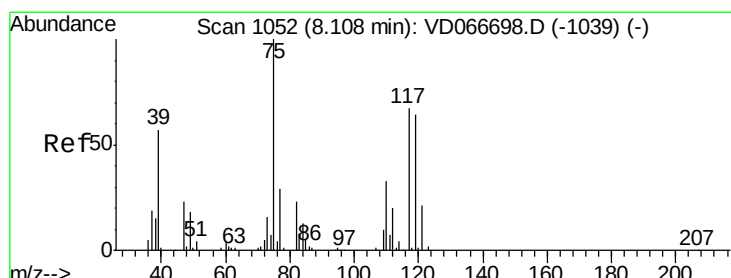
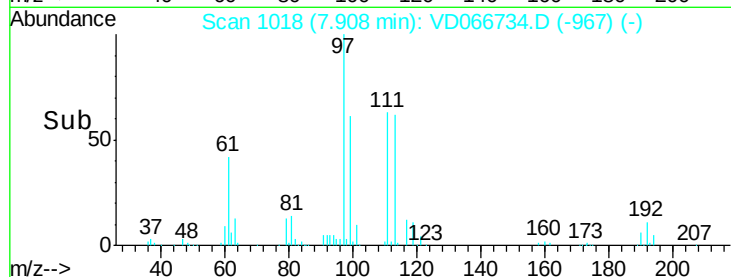
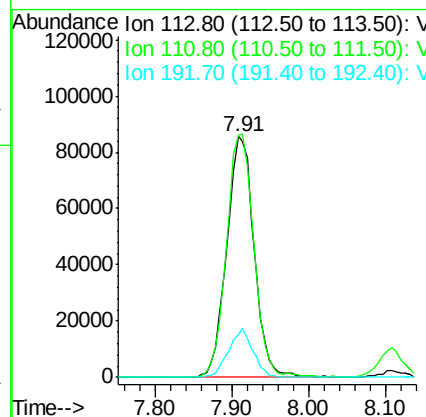
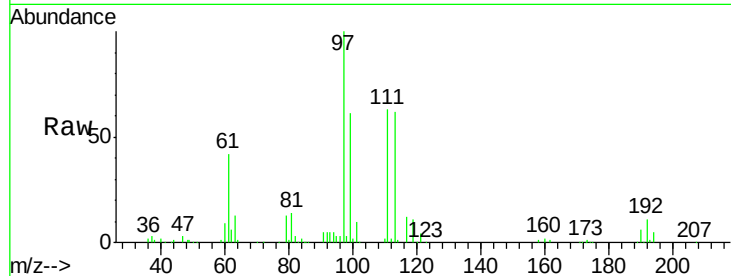
#35
 Dibromofluoromethane
 Concen: 50.763 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	212151		
111	101.3	83.2	124.8	
192	17.9	14.8	22.2	

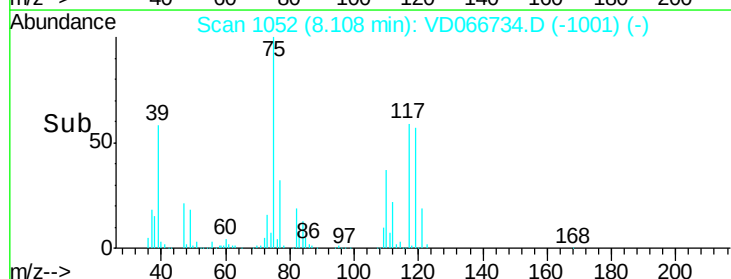
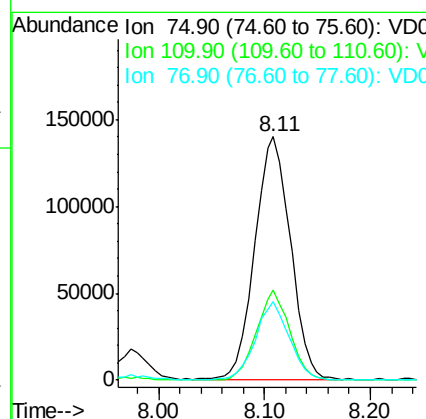
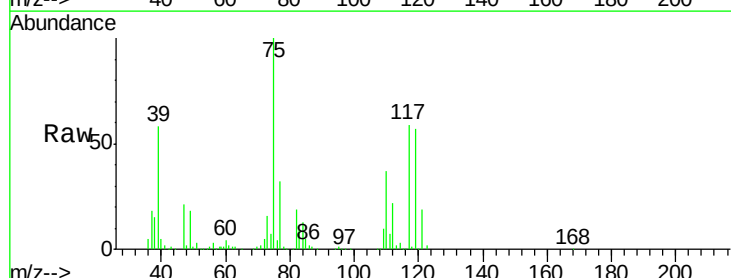
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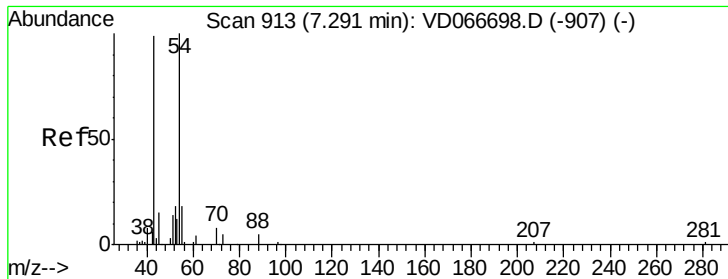
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#36
 1,1-Dichloropropene
 Concen: 46.712 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	327377		
110	34.7	17.1	51.2	
77	30.9	25.0	37.6	





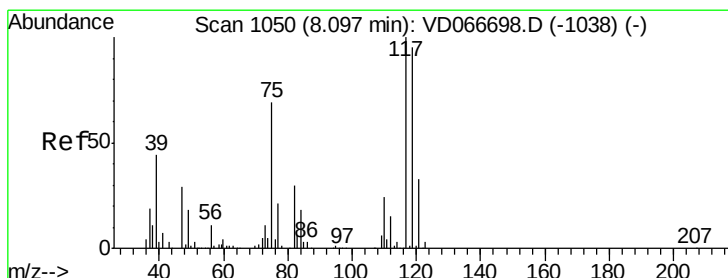
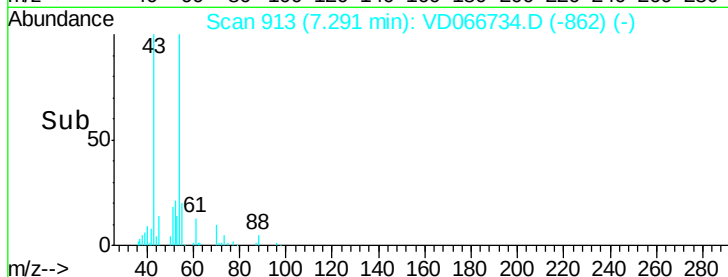
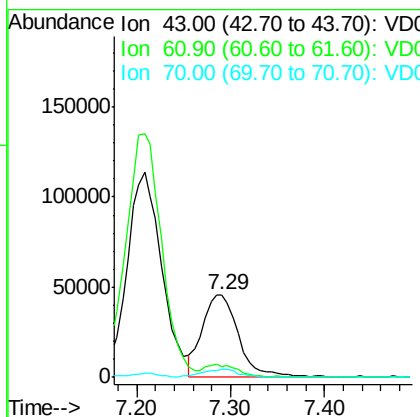
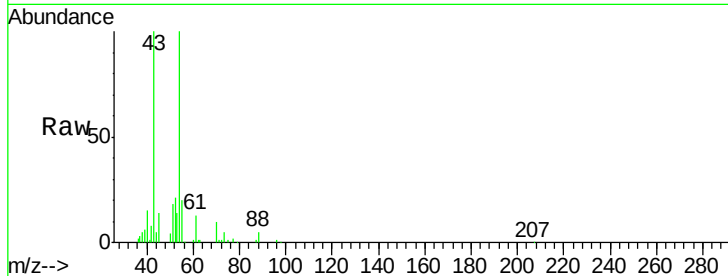
#37
Ethyl Acetate
Concen: 46.107 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	9.7	7.5	11.3

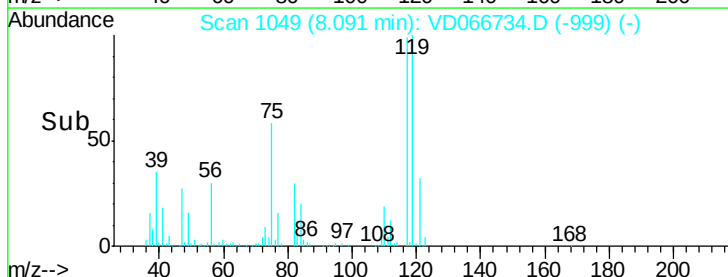
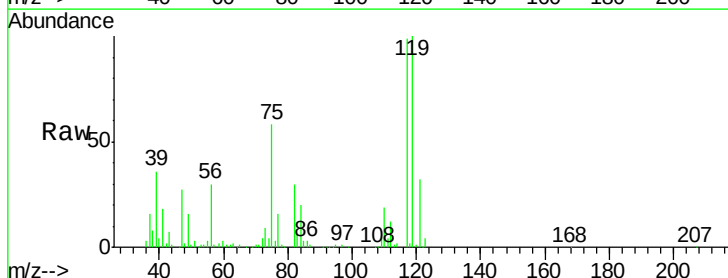
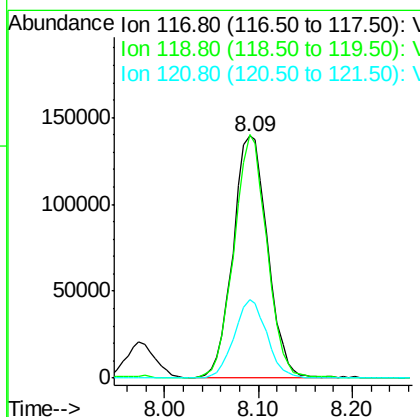
Manual Integrations
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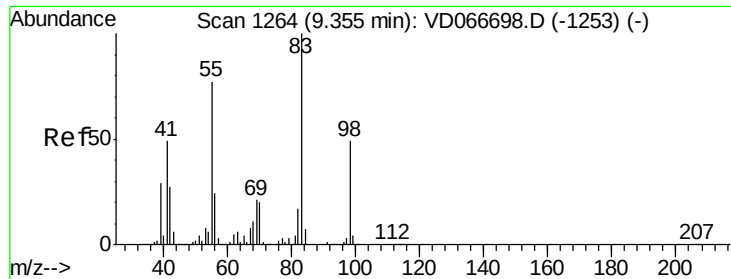
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#38
Carbon Tetrachloride
Concen: 47.510 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	75.8	113.6
121	32.4	26.2	39.4





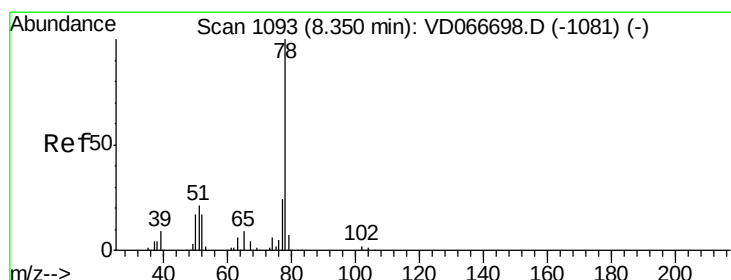
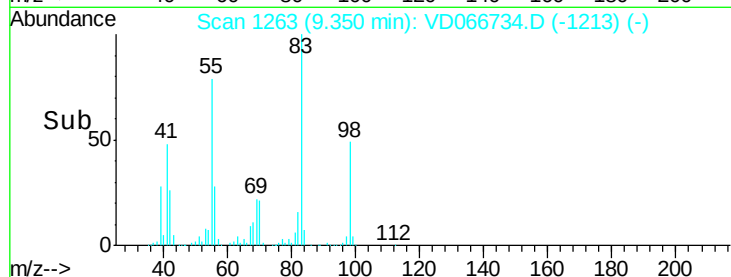
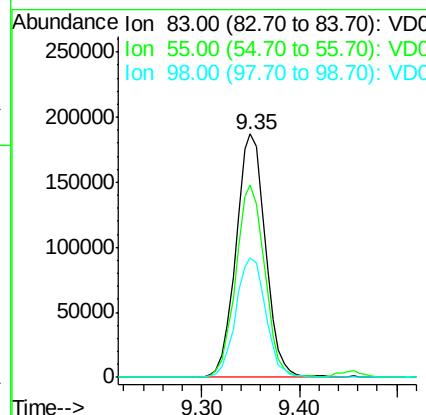
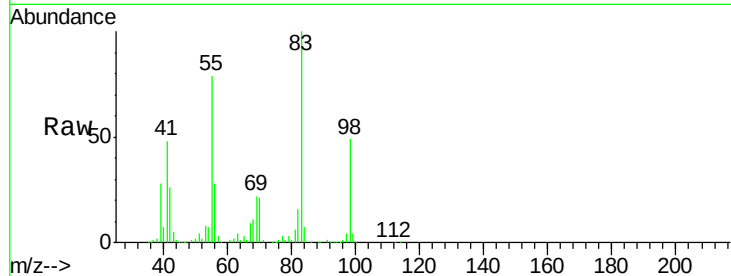
#39
Methylvlcyclohexane
Concen: 48.923 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	392190		
55	79.1		61.5	92.3
98	49.1		39.3	58.9

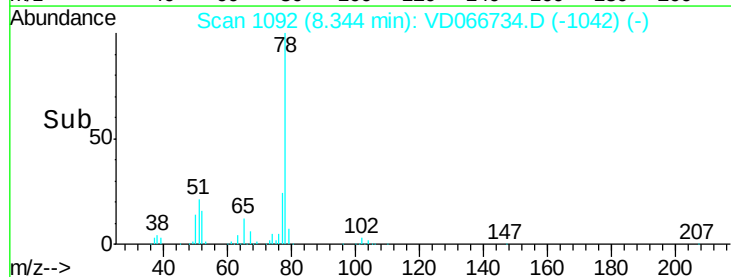
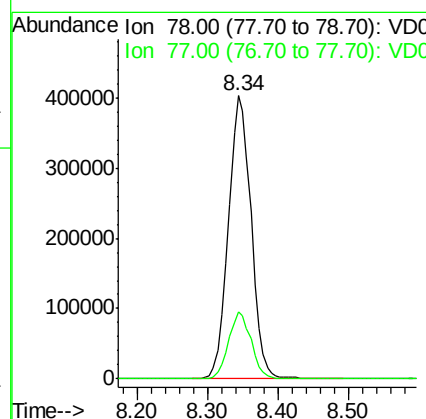
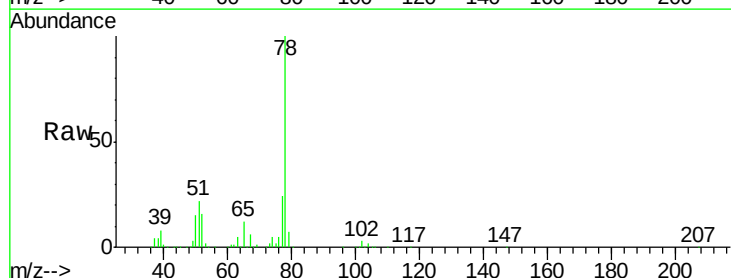
Manual Integrations
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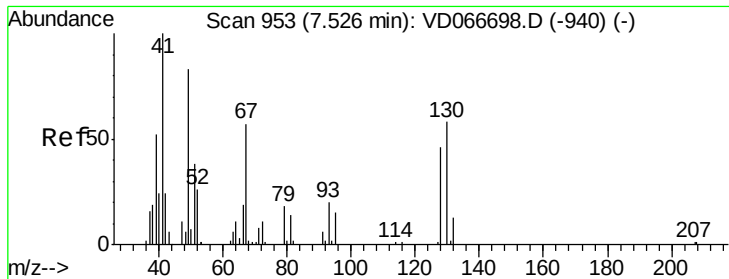
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#40
Benzene
Concen: 47.383 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	898419		
77	23.8		19.3	28.9





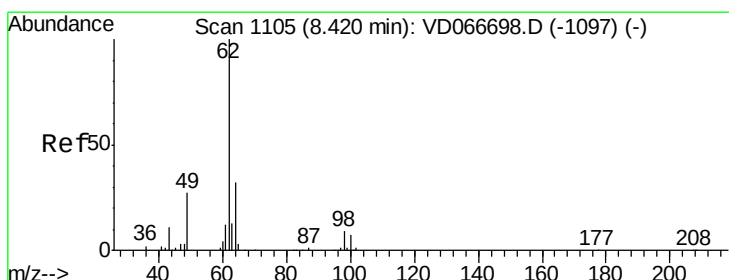
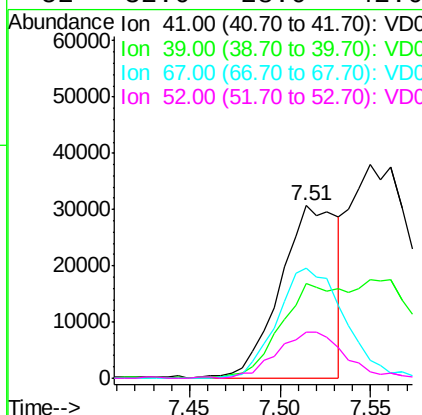
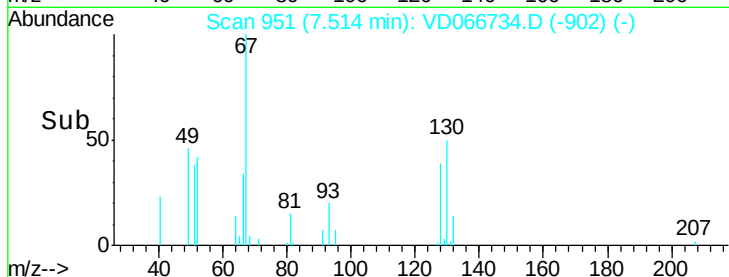
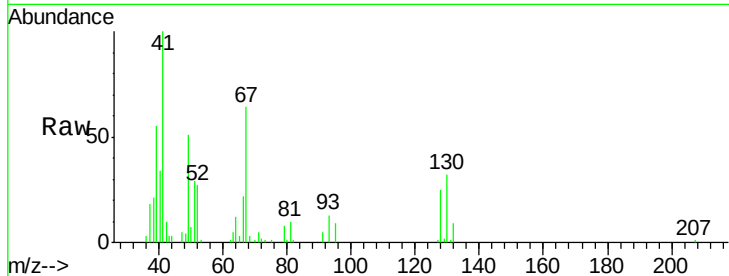
#41
Methacrylonitrile
Concen: 48.398 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.2	59.3	88.9
67	74.4	62.3	93.5
52	32.0	28.0	42.0

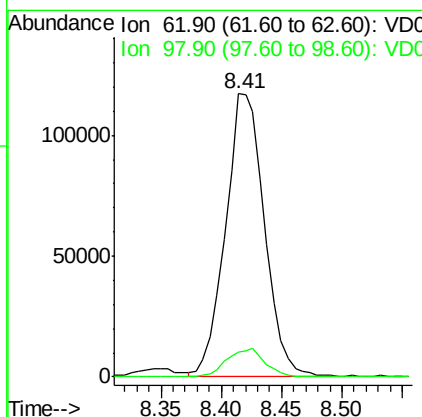
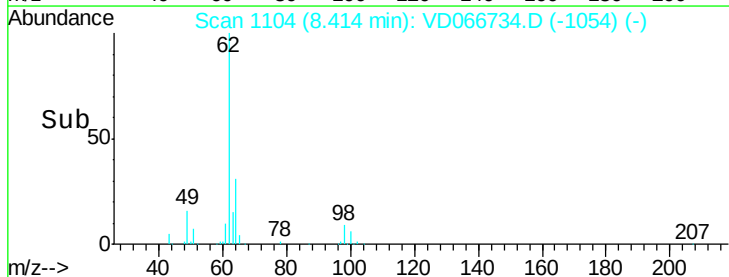
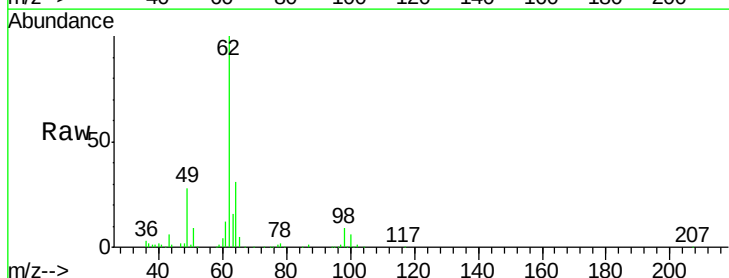
Manual Integrations
APPROVED

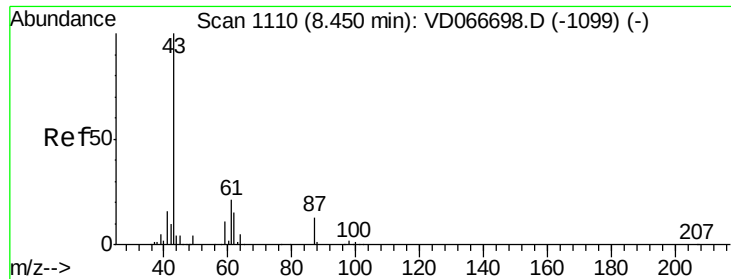
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#42
1,2-Dichloroethane
Concen: 44.615 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 45.251 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

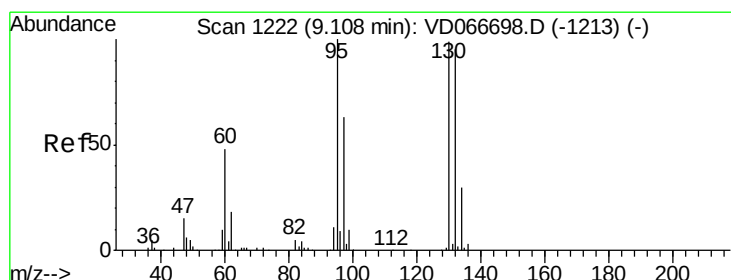
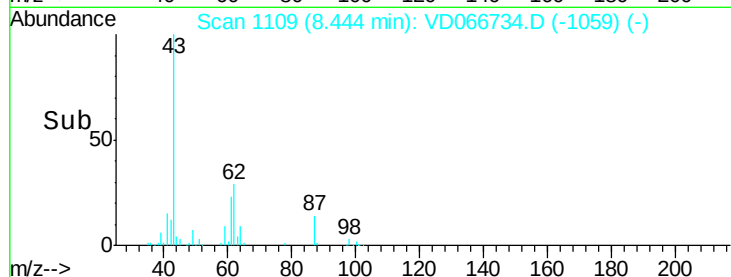
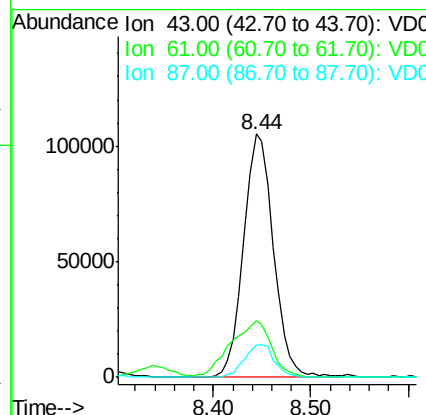
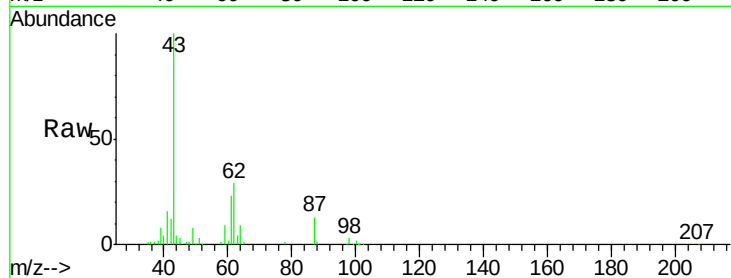
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	225984
Ion	Ratio	Lower	Upper
43	100		
61	31.5	24.8	37.2
87	13.4	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 47.976 ug/l

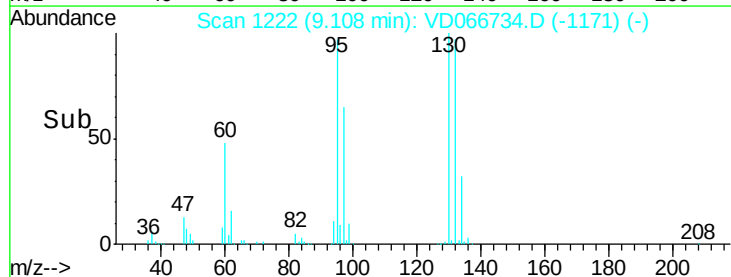
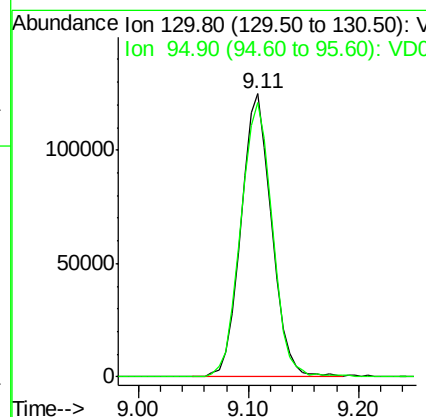
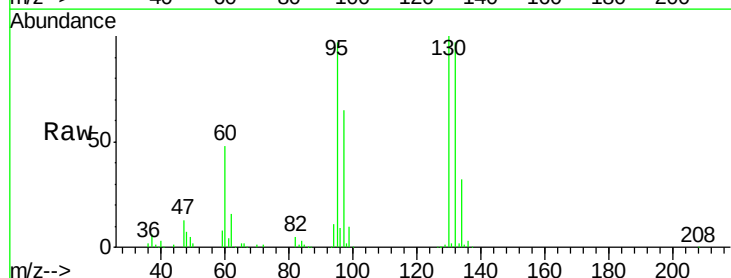
RT: 9.11 min Scan# 1222

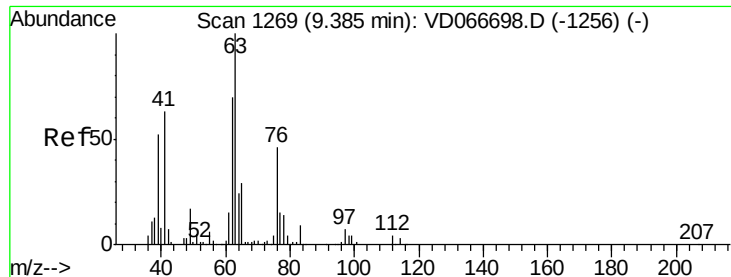
Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	130	Resp:	243218
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	201.4





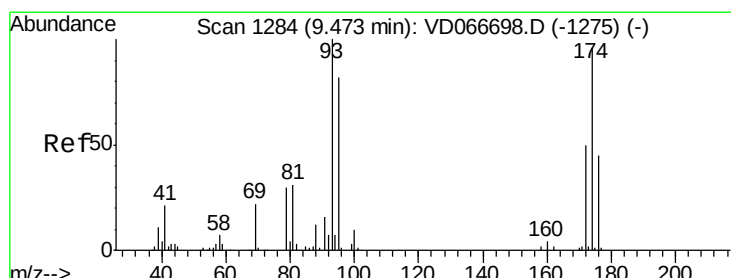
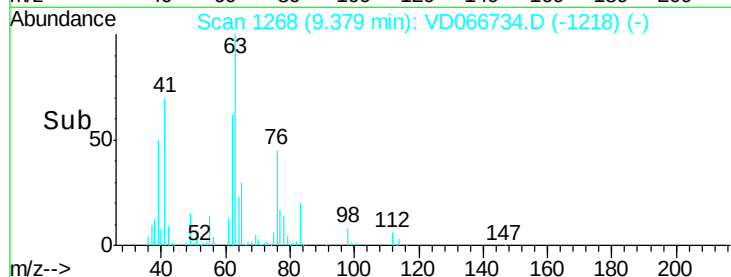
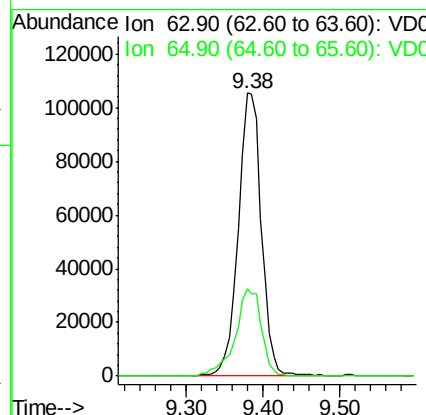
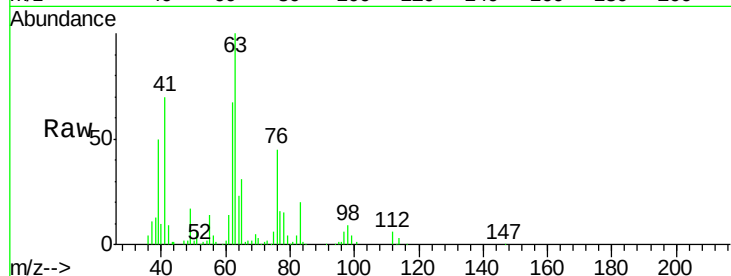
#45
 1,2-Dichloropropane
 Concen: 47.465 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 222487
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.4 35.0

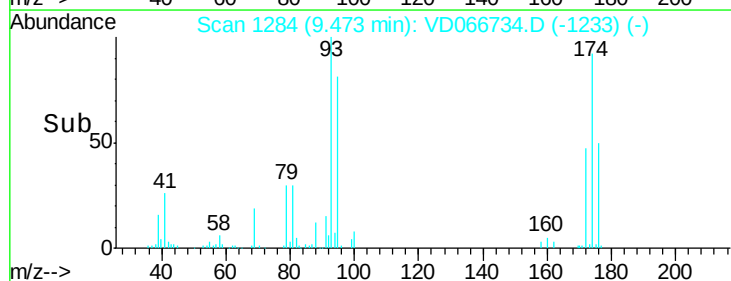
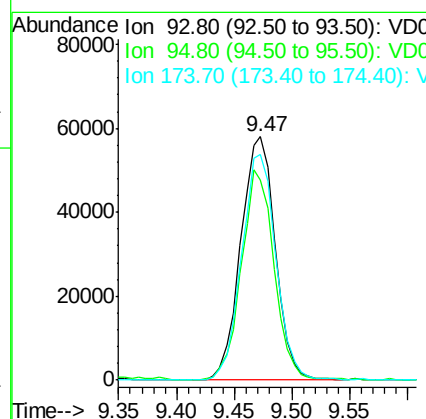
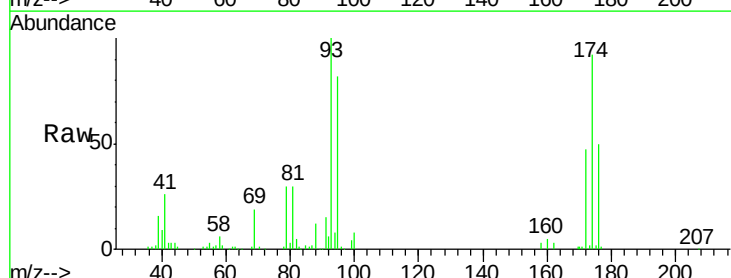
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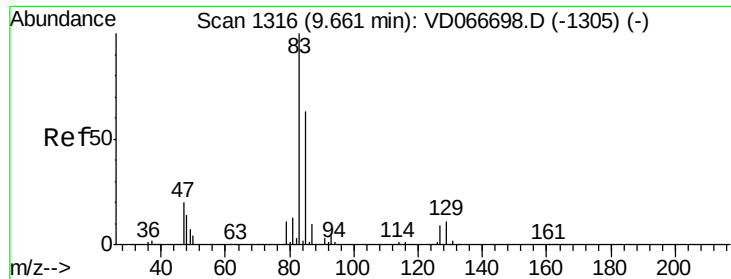
MMDadoda
 9/18/2020 12:18:14 PM



#46
 Dibromomethane
 Concen: 46.693 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion: 93 Resp: 120271
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.0 99.0
 174 92.3 72.3 108.5





#47

Bromodichloromethane

Concen: 45.966 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

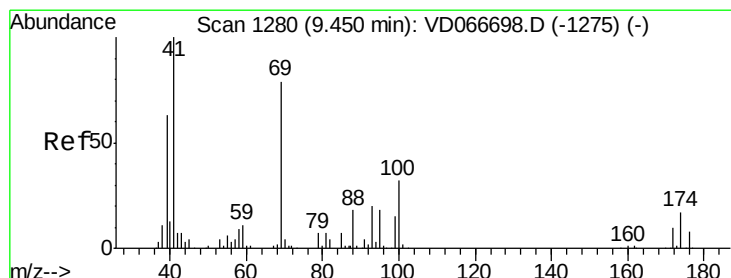
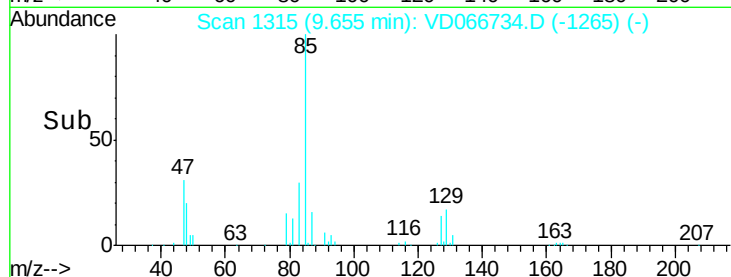
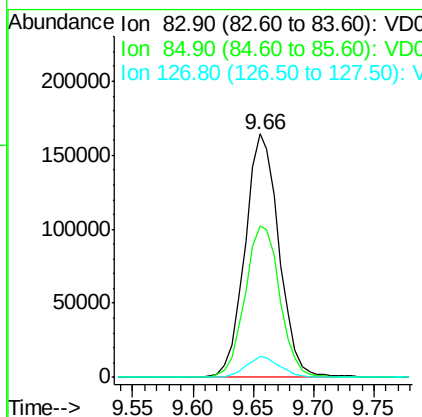
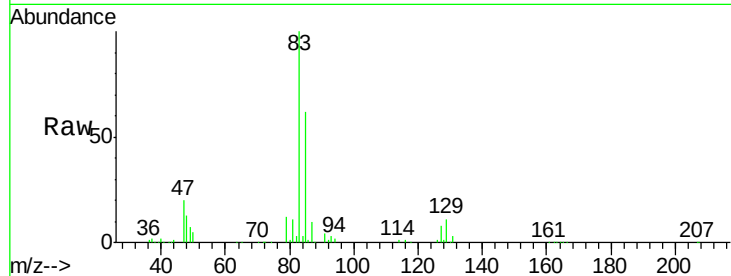
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	322624
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.1	75.1
127	8.4	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.918 ug/l

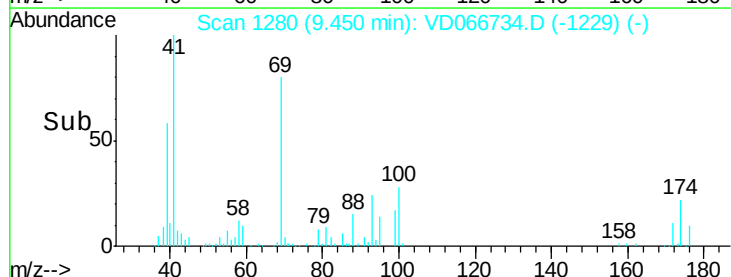
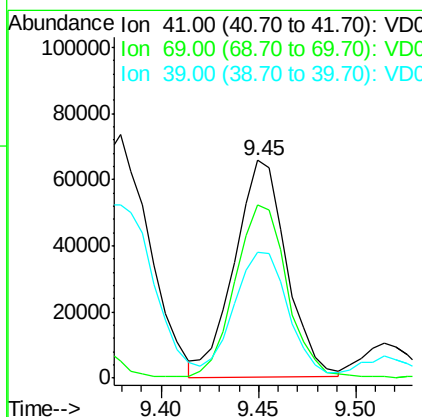
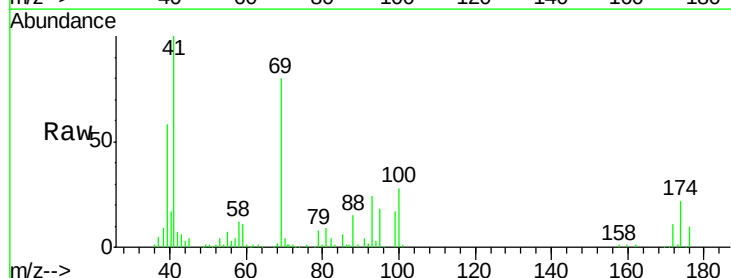
RT: 9.45 min Scan# 1280

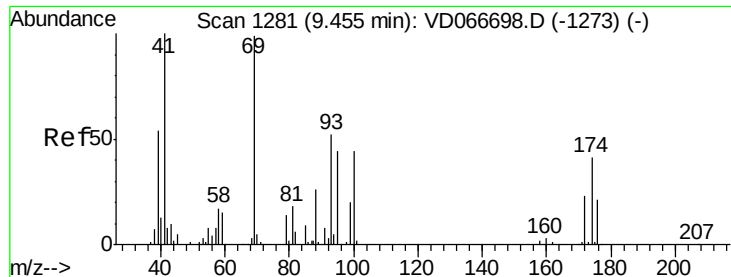
Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	41	Resp:	121720
Ion	Ratio	Lower	Upper
41	100		
69	79.9	62.4	93.6
39	54.8	44.8	67.2





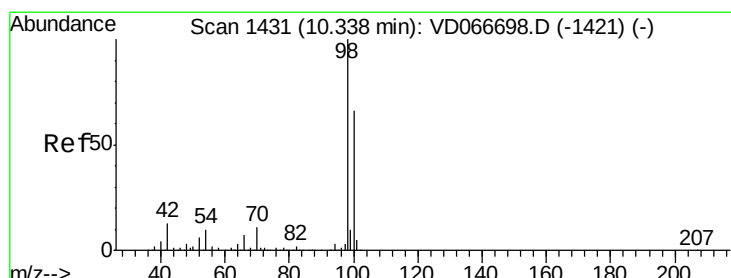
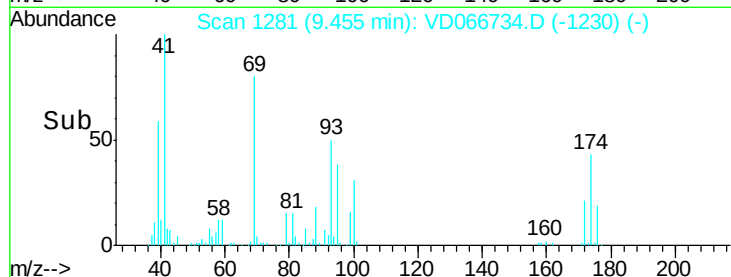
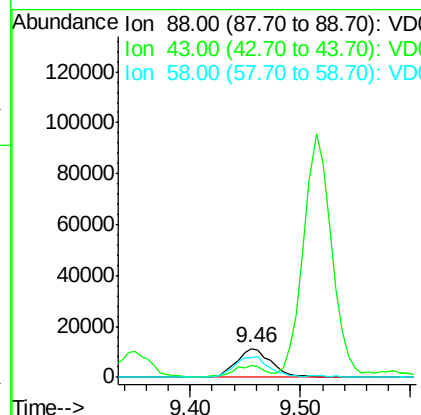
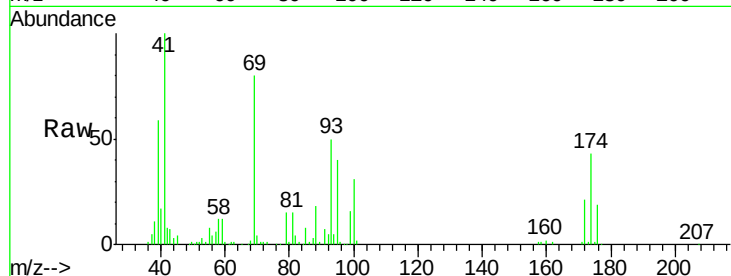
#49
1,4-Dioxane
Concen: 912.671 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	25182
Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.3	43.9
58	70.5	51.4	77.2

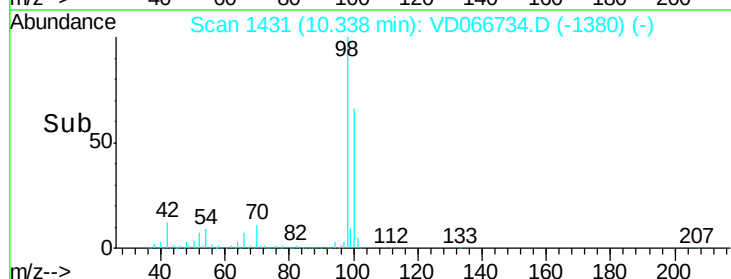
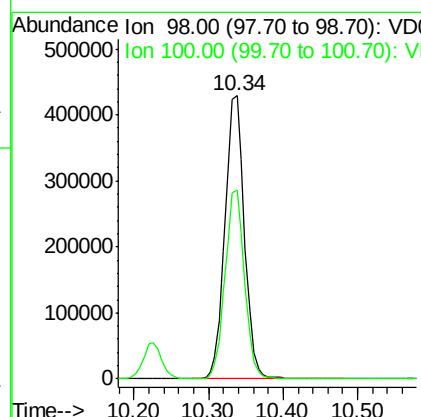
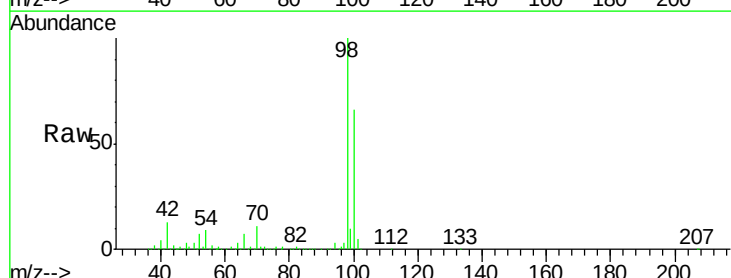
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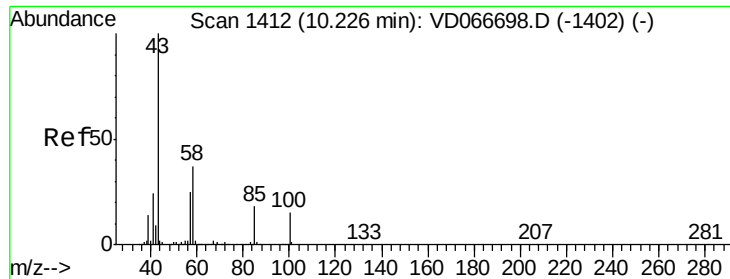
MMDadoda
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#50
Toluene-d8
Concen: 52.379 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	98	Resp	779900
Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.7	79.1





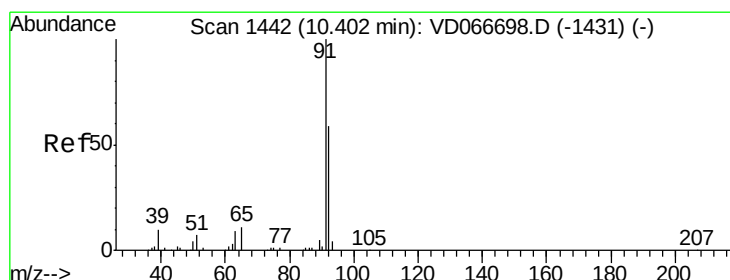
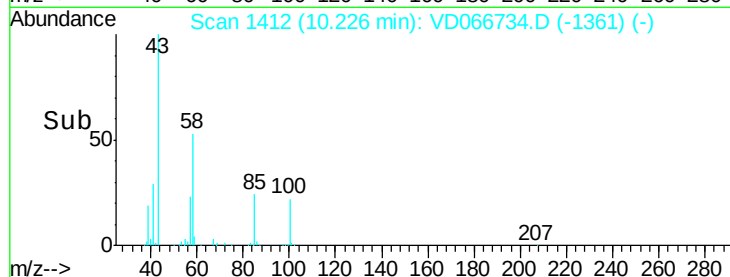
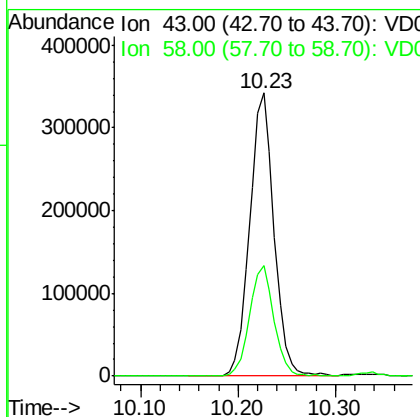
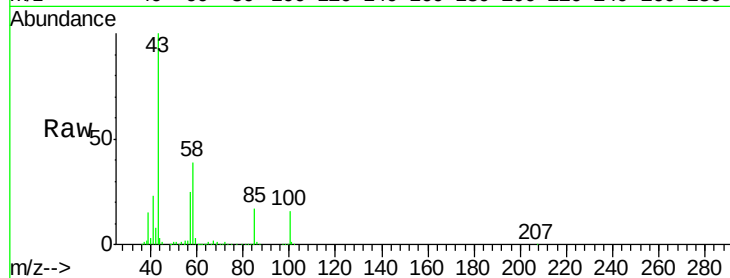
#51
4-Methyl-2-Pentanone
Concen: 233.222 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.4	45.6

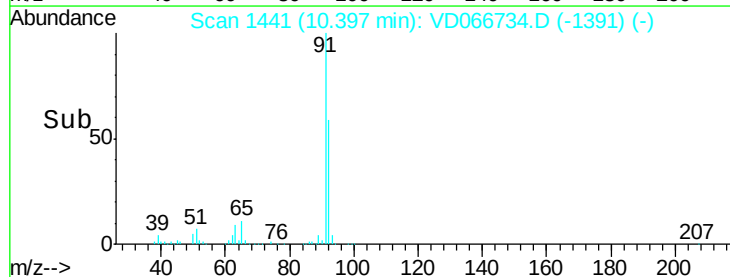
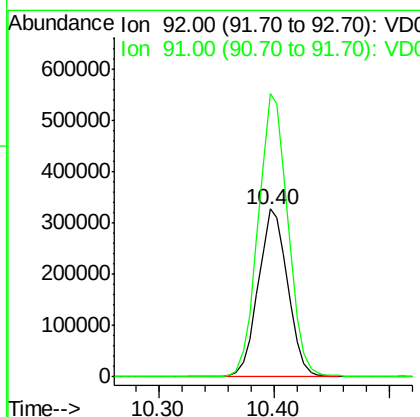
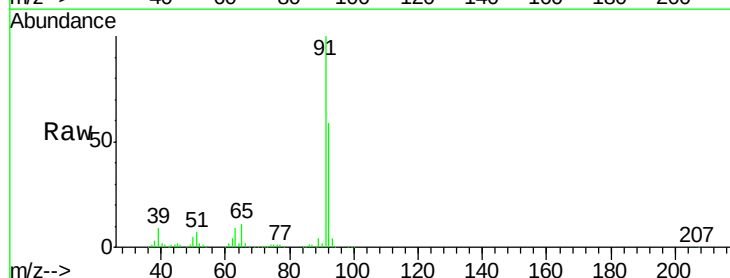
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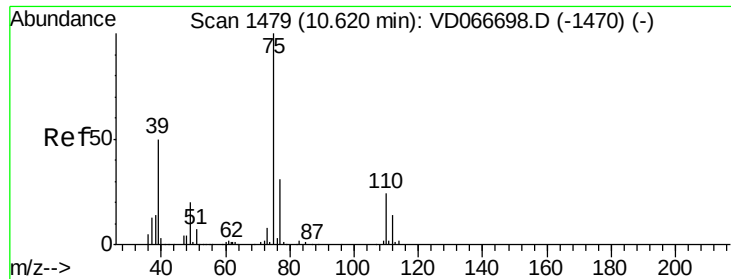
MMDadoda
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#52
Toluene
Concen: 48.163 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.4	135.8	203.8





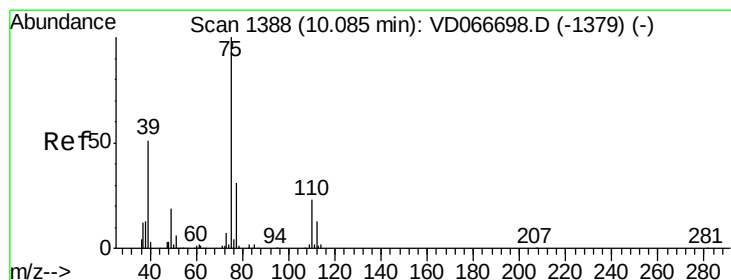
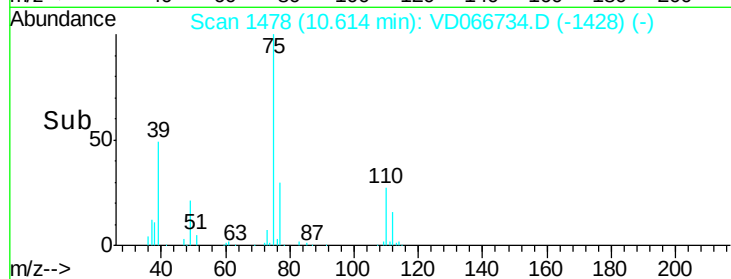
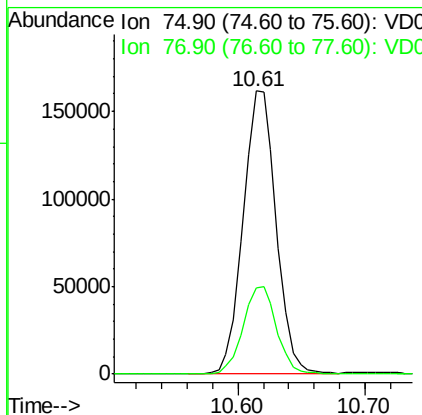
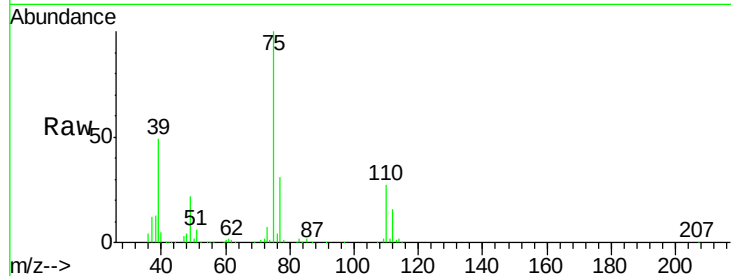
#53
 t-1,3-Dichloropropene
 Concen: 46.691 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8

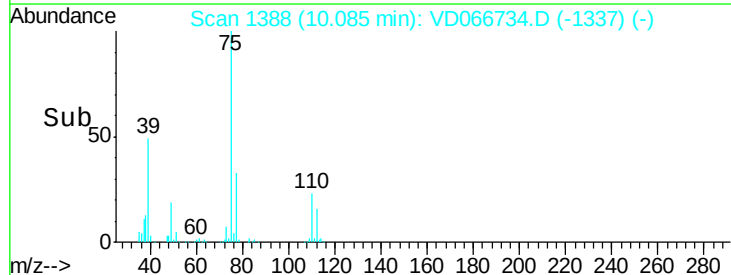
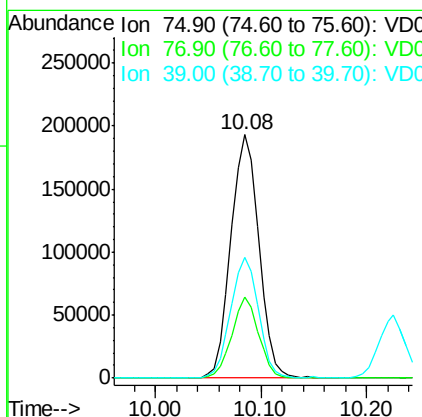
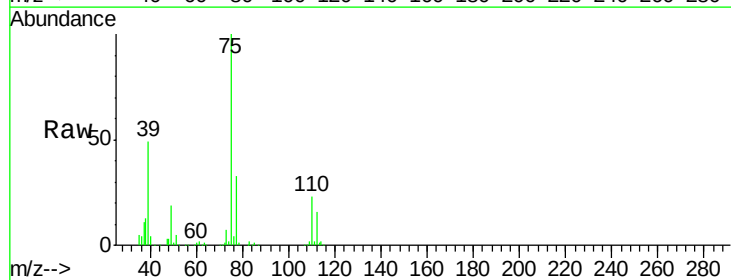
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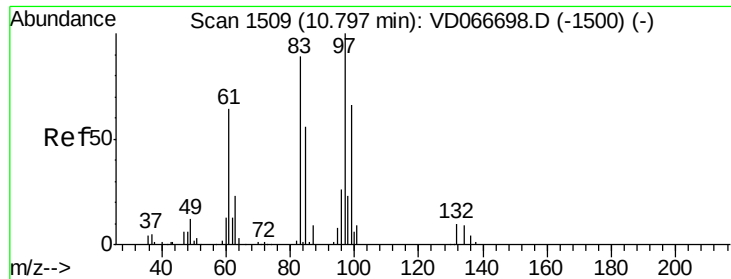
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#54
 cis-1,3-Dichloropropene
 Concen: 47.613 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.0	37.6
39	49.4	40.6	61.0





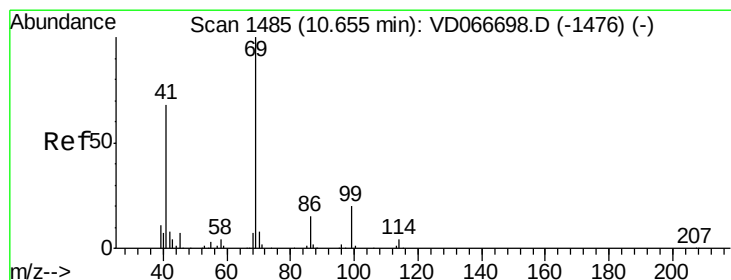
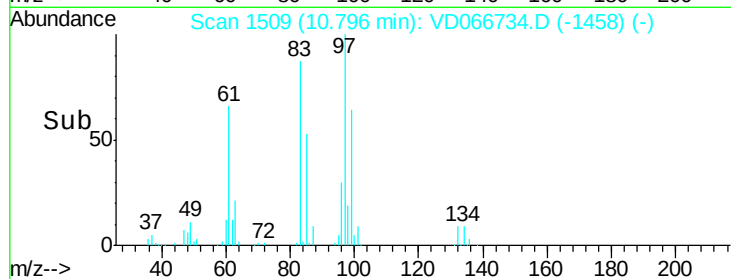
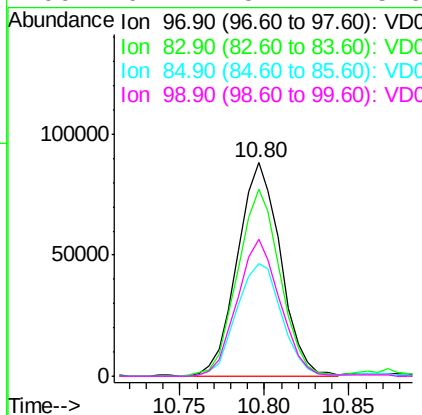
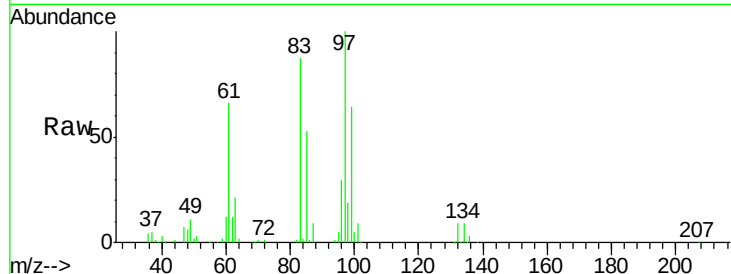
#55
 1,1,2-Trichloroethane
 Concen: 45.912 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	155921
Ion	Ratio	Lower	Upper
97	100		
83	87.1	71.4	107.2
85	52.7	44.7	67.1
99	64.1	52.4	78.6

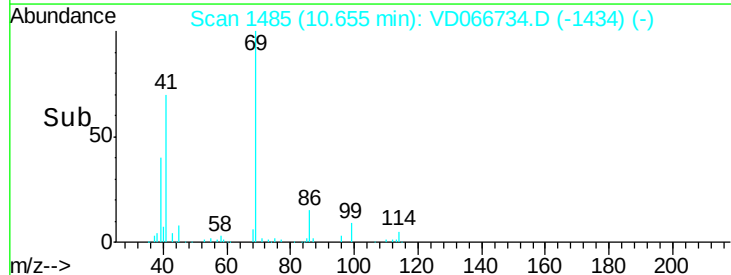
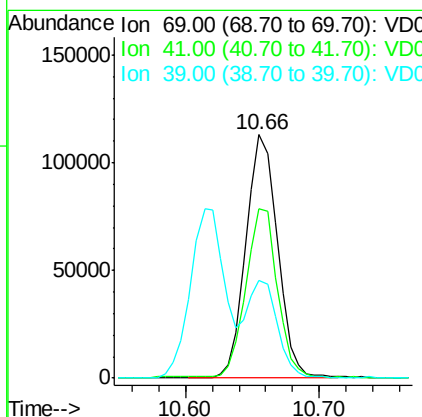
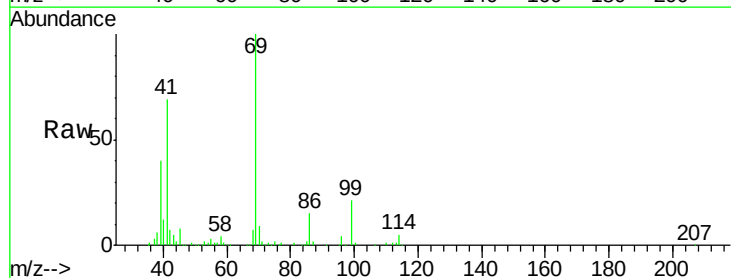
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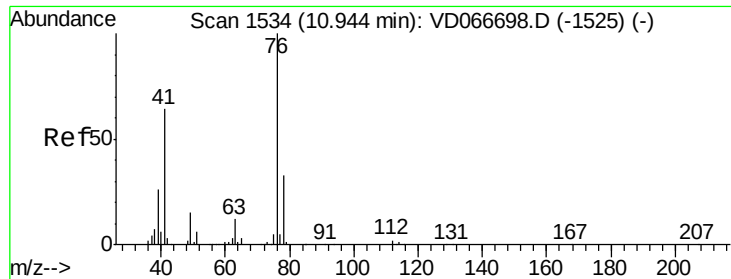
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#56
 Ethyl methacrylate
 Concen: 48.136 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion:	69	Resp:	185508
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.5	83.3
39	39.5	29.7	44.5





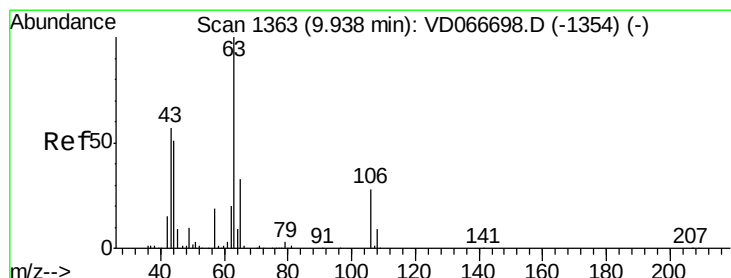
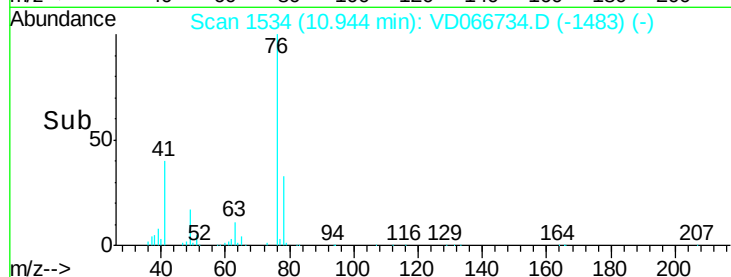
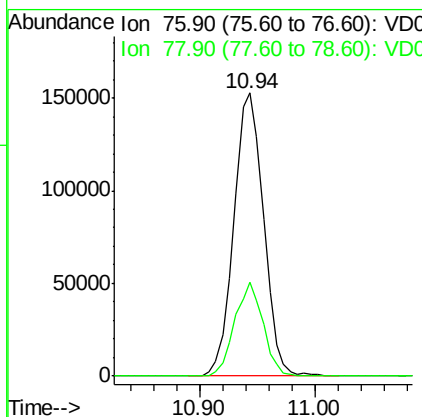
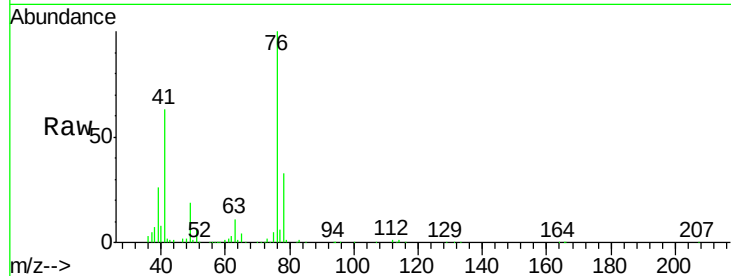
#57
 1,3-Dichloropropane
 Concen: 45.678 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.2

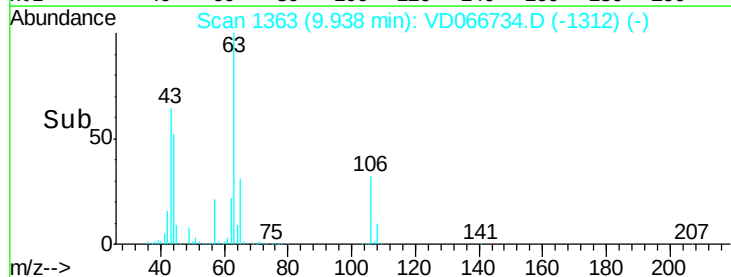
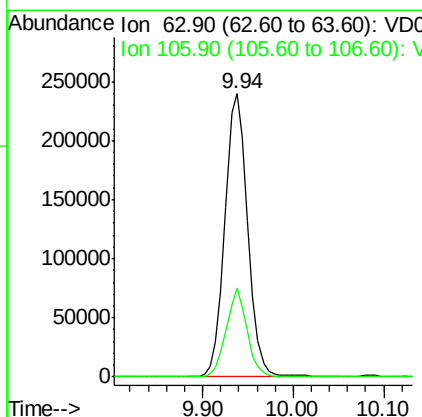
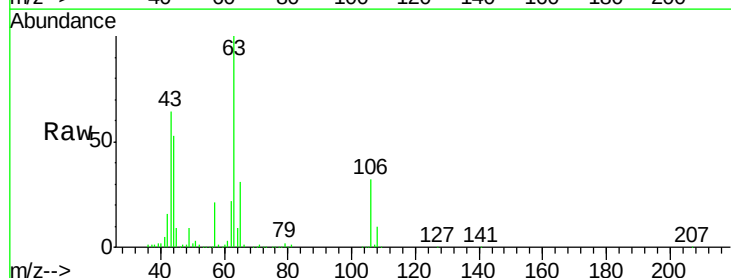
Manual Integrations
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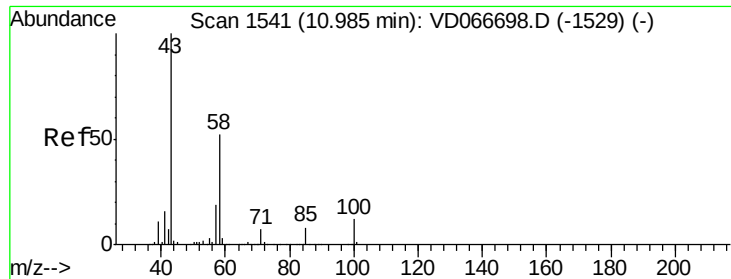
MMDadoda
 9/18/2020 12:18:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.561 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.2	33.4





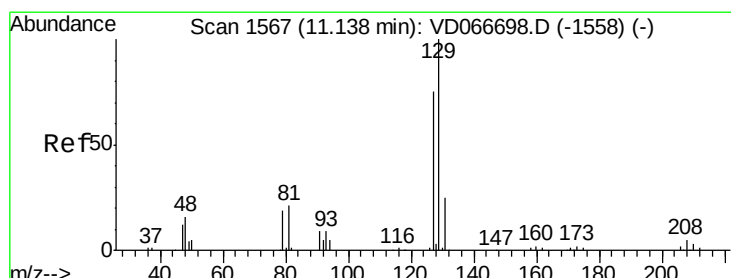
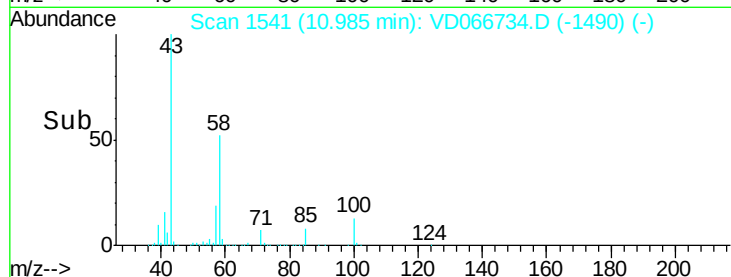
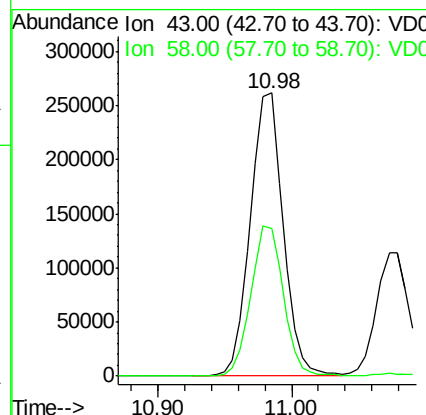
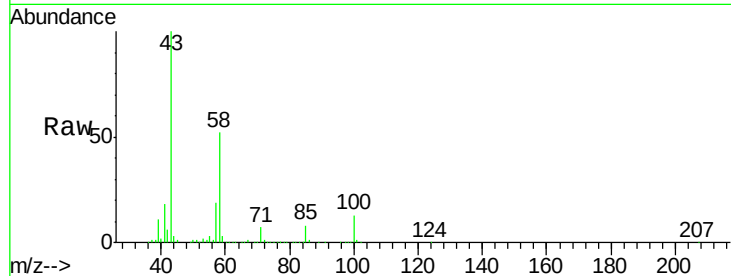
#59
2-Hexanone
Concen: 257.653 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 445104
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.5

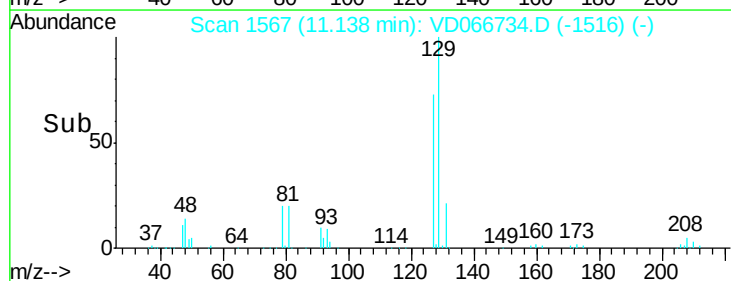
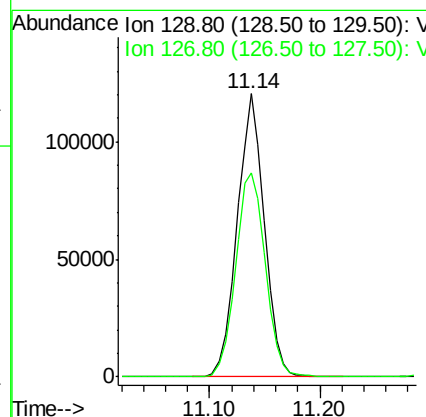
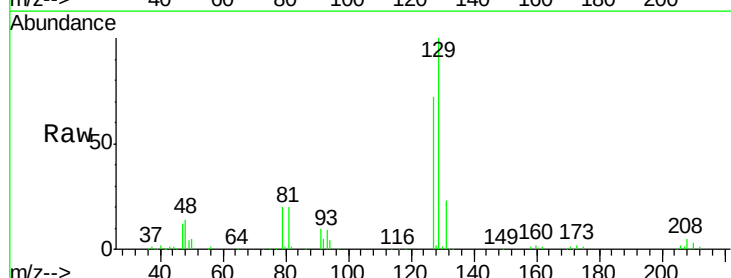
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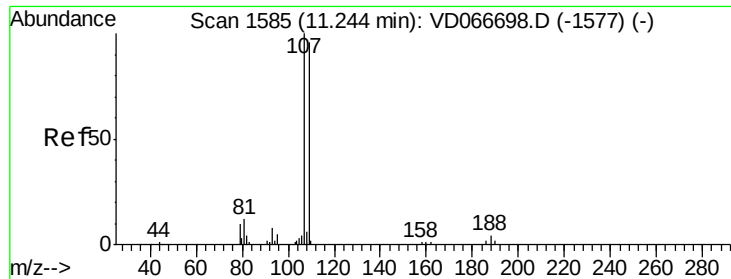
MMDadoda
9/18/2020 12:18:14 PM



#60
Dibromochloromethane
Concen: 46.950 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion: 129 Resp: 207758
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.3





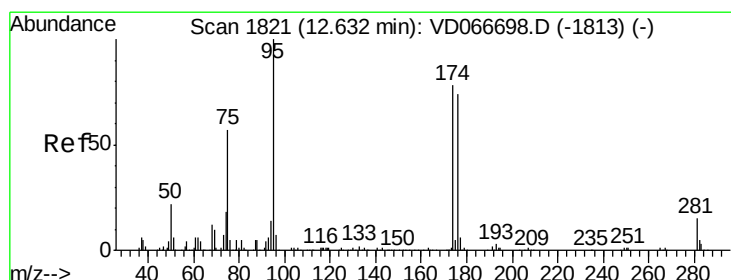
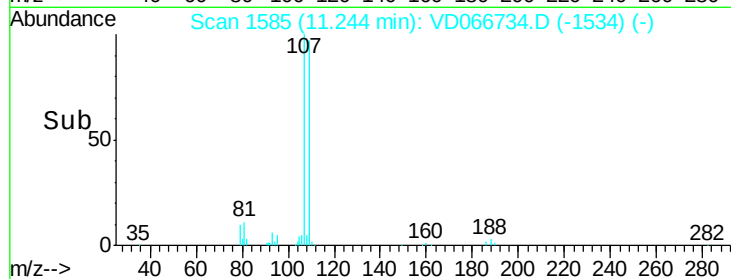
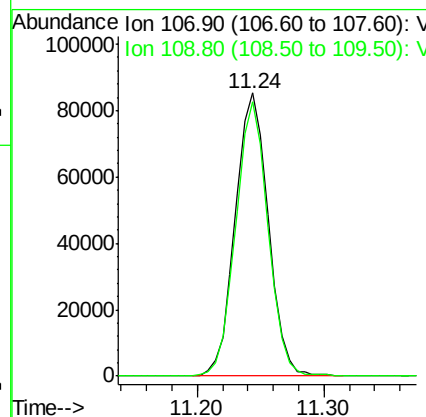
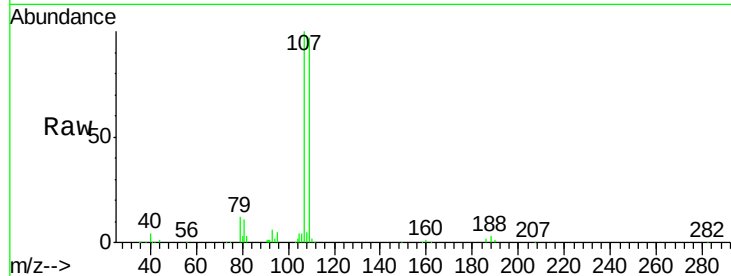
#61
 1,2-Dibromoethane
 Concen: 47.103 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.6	113.4

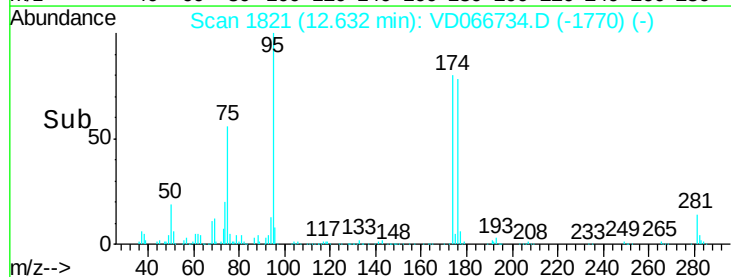
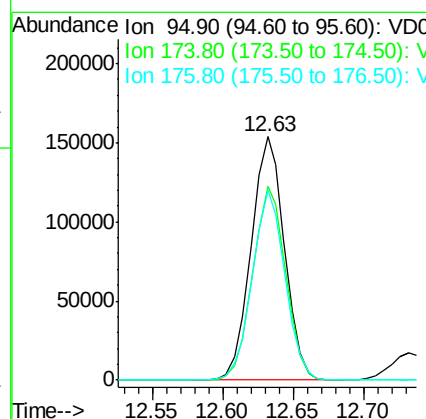
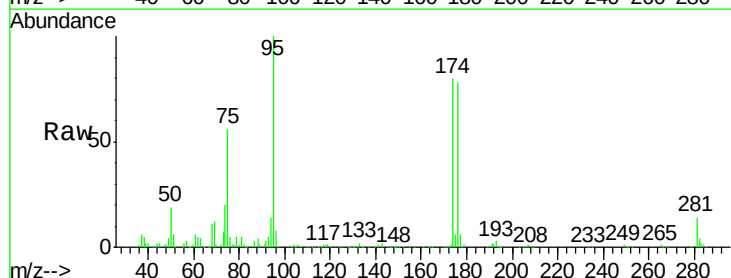
Manual Integrations
 APPROVED

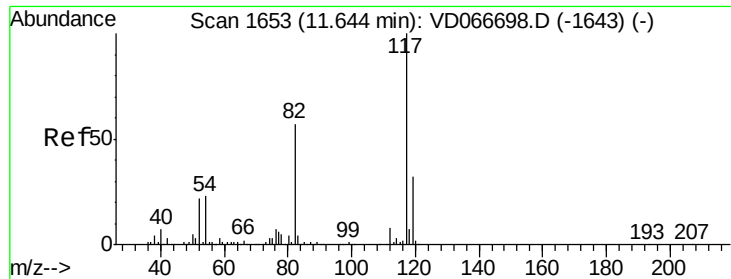
MMDadoda
 9/18/2020 12:18:14 PM



#62
 4-Bromofluorobenzene
 Concen: 49.482 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.6
176	76.5	0.0	150.2





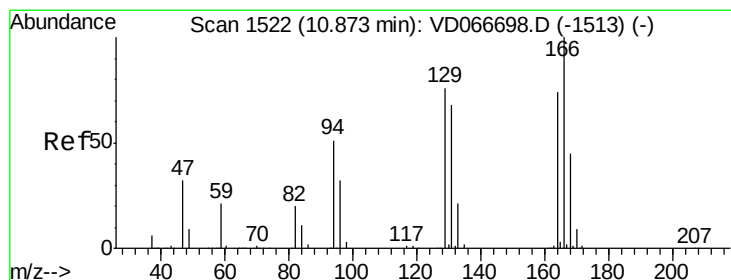
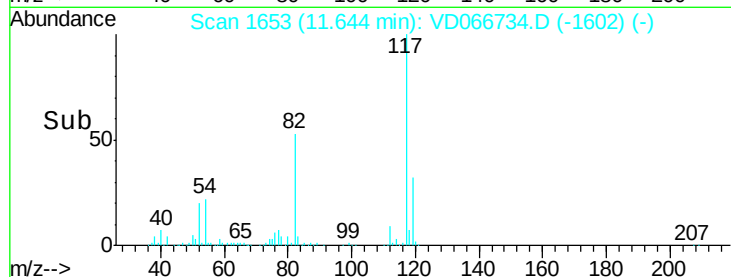
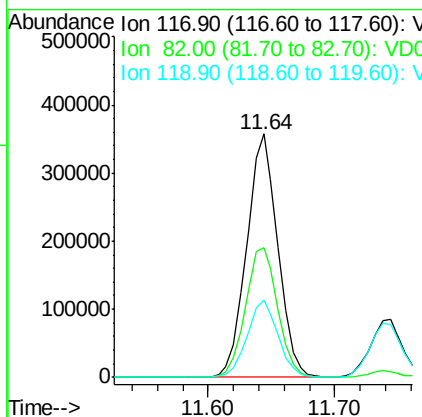
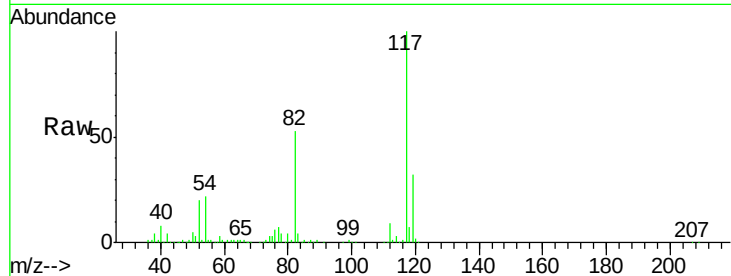
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.2	45.4	68.0
119	31.6	25.8	38.6

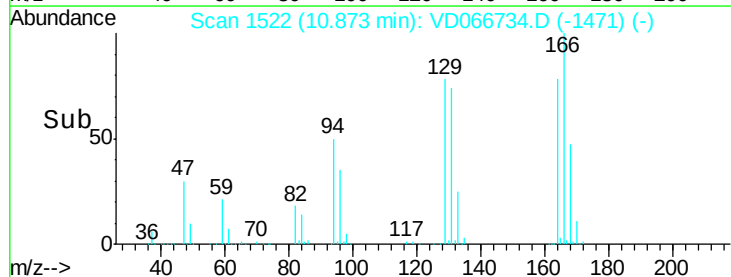
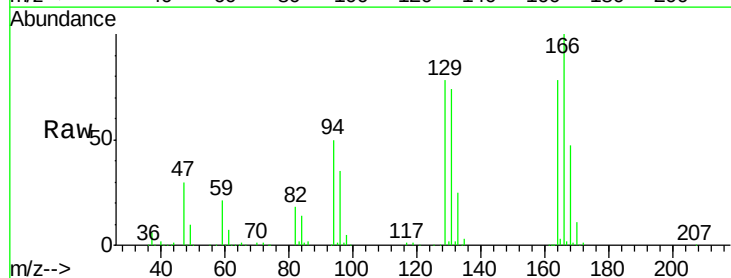
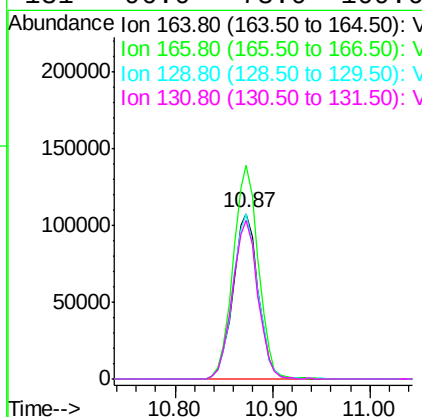
Manual Integrations
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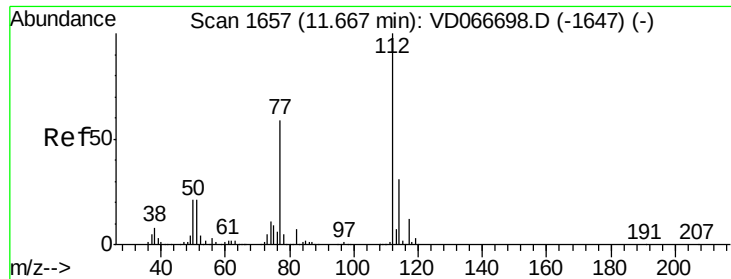
MMDadoda
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#64
Tetrachloroethene
Concen: 46.275 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.9	107.5	161.3
129	100.0	81.4	122.0
131	96.0	73.0	109.6





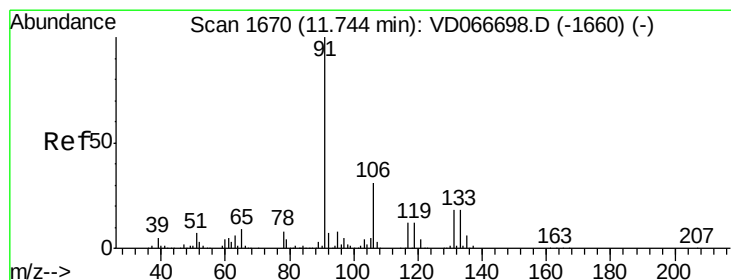
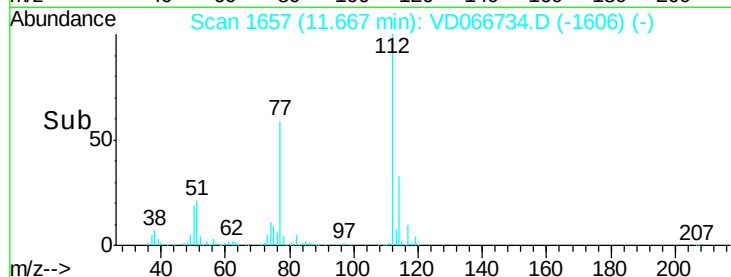
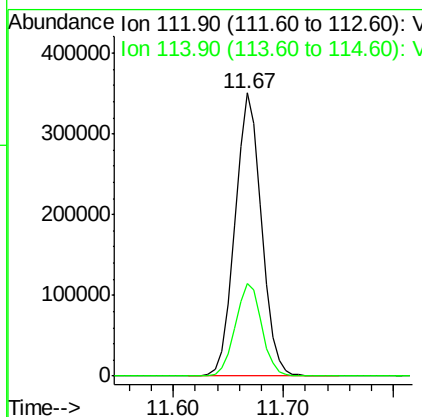
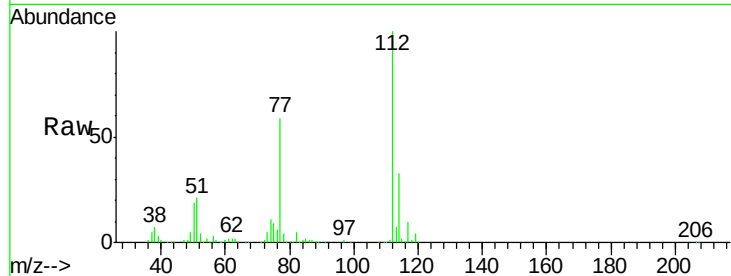
#65
Chlorobenzene
Concen: 46.761 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	590491		
114	32.8	25.0	37.6	

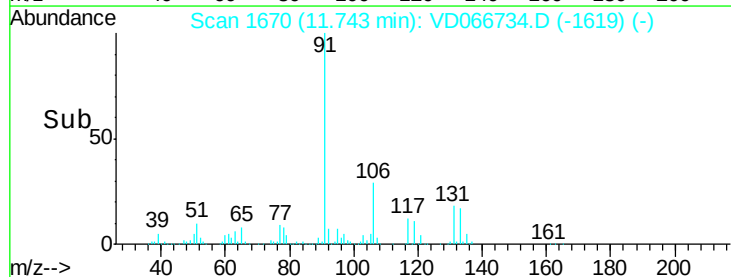
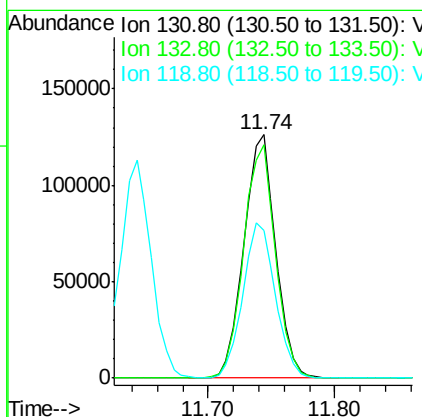
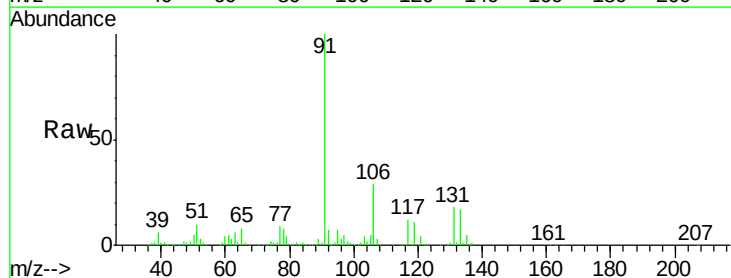
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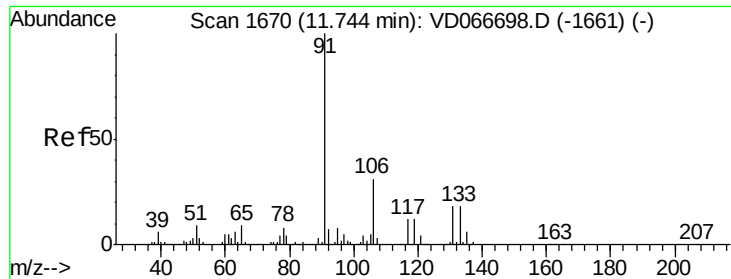
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.299 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	220377		
133	95.9	47.8	143.3	
119	65.2	33.6	100.8	





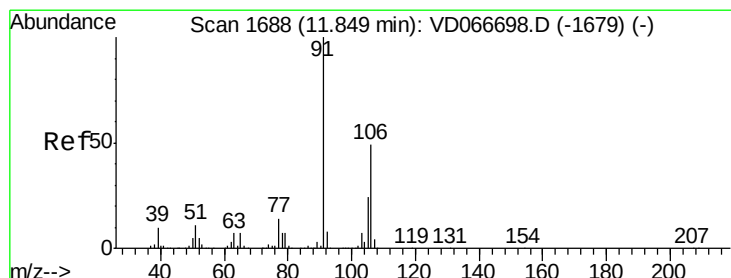
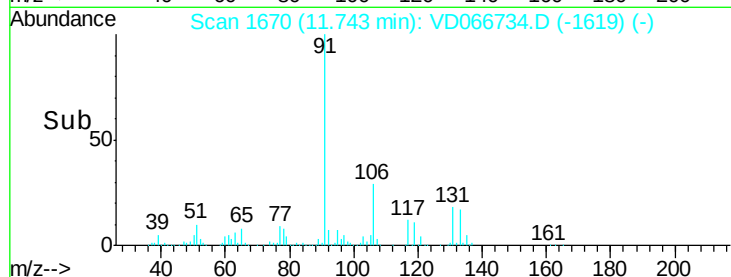
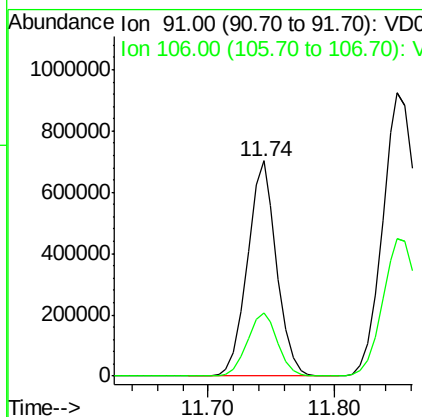
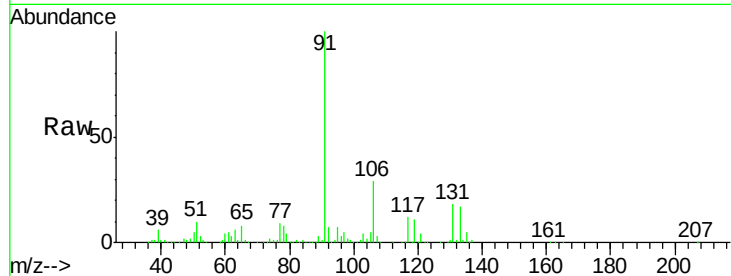
#67
Ethyl Benzene
Concen: 48.891 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1118273
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7

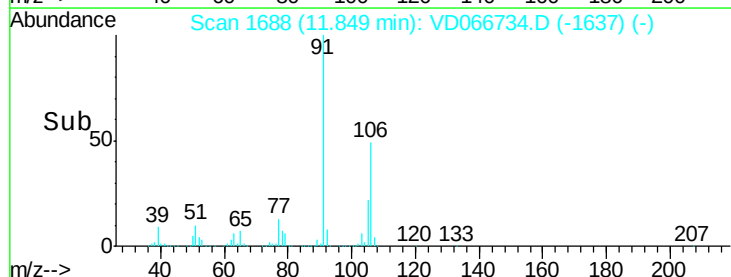
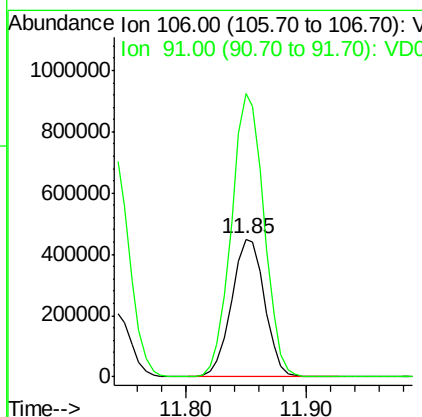
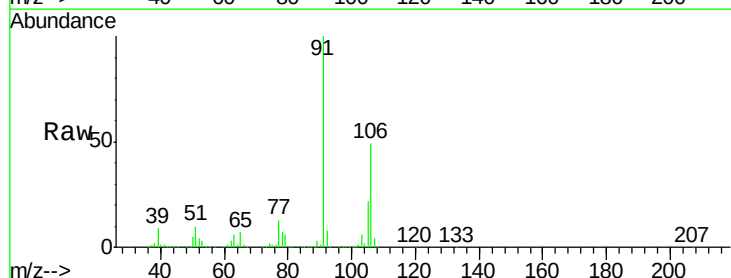
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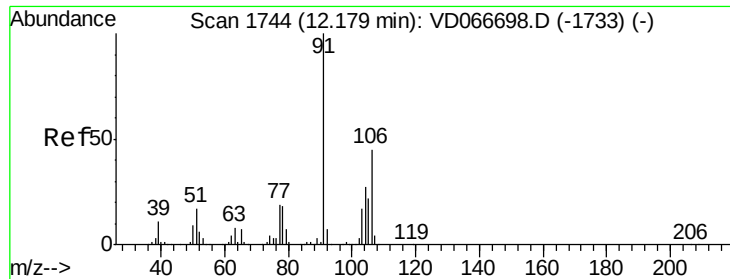
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#68
m/p-Xylenes
Concen: 99.030 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion: 106 Resp: 856100
Ion Ratio Lower Upper
106 100
91 203.1 164.8 247.2





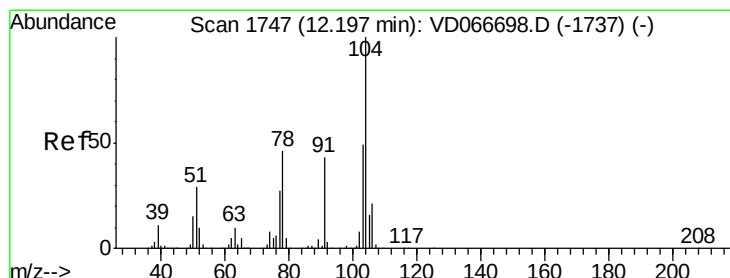
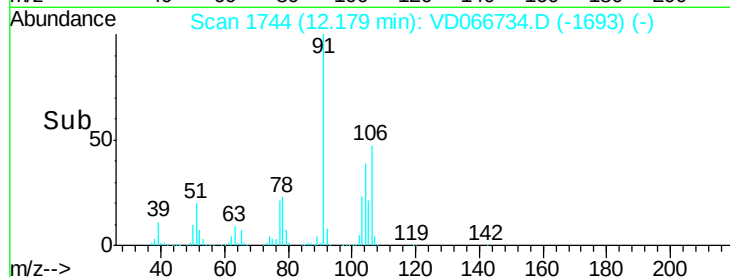
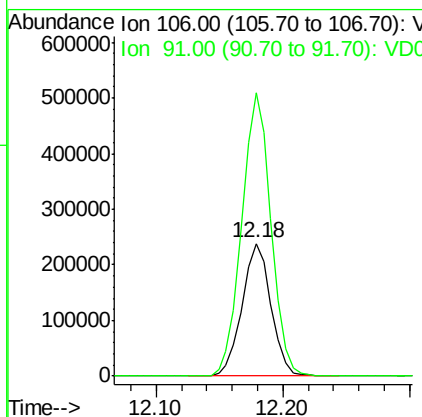
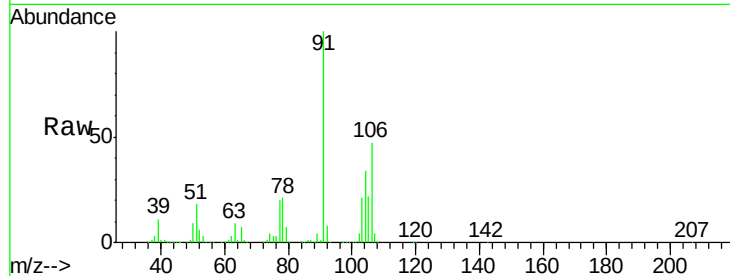
#69
o-Xylene
Concen: 49.343 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		376955		
91	215.5	109.4	328.2		

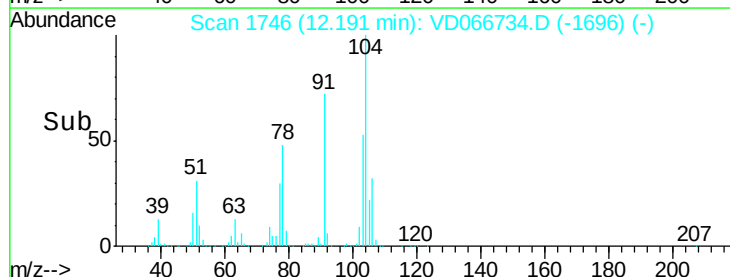
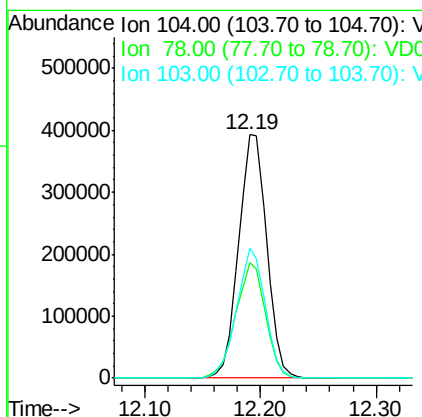
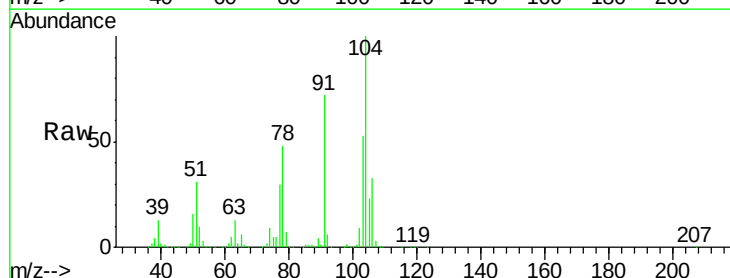
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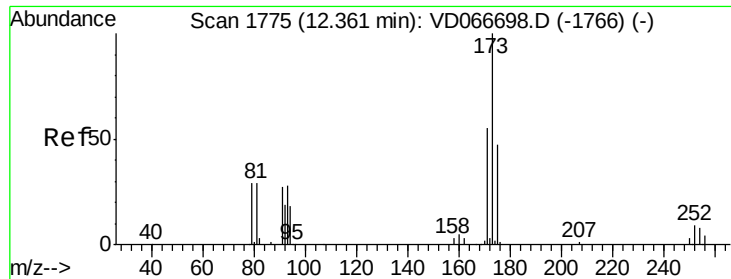
MMDadoda
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#70
Styrene
Concen: 49.305 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		662944		
78	50.4	40.2	60.4		
103	54.4	42.5	63.7		





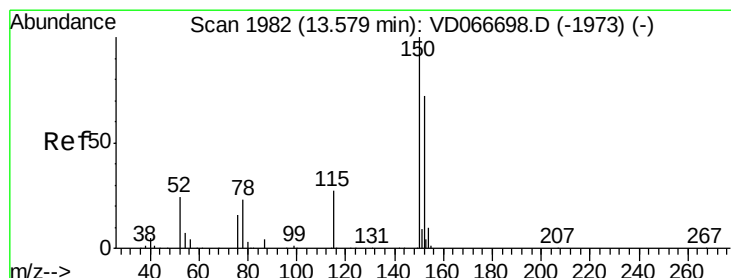
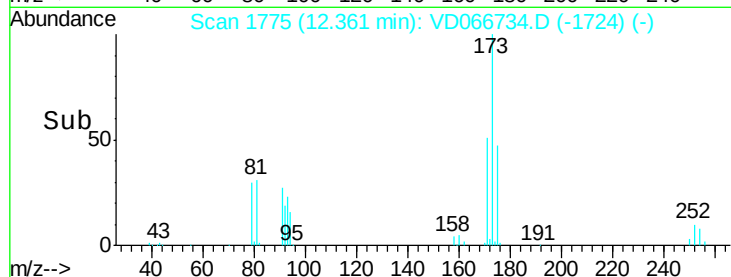
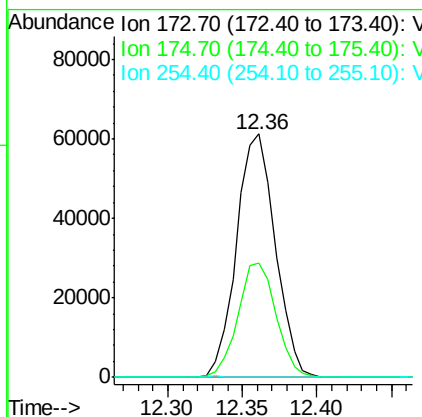
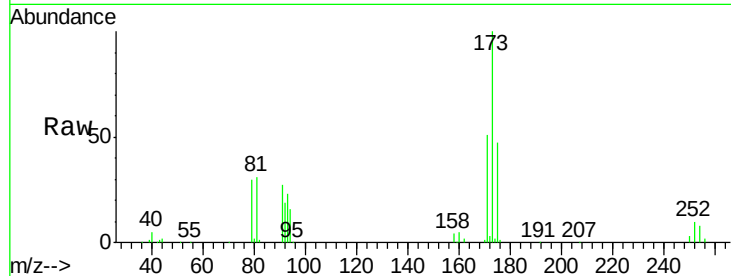
#71
Bromoform
Concen: 47.147 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.1	24.3	72.8
254	0.0	0.1	0.1#

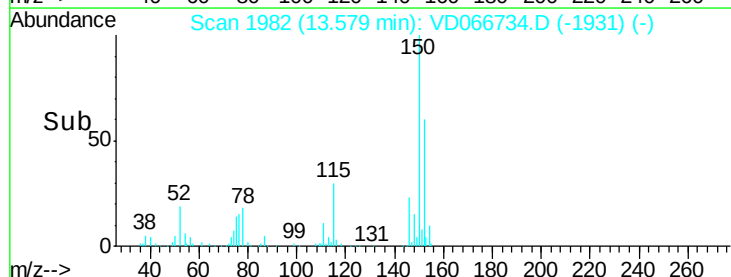
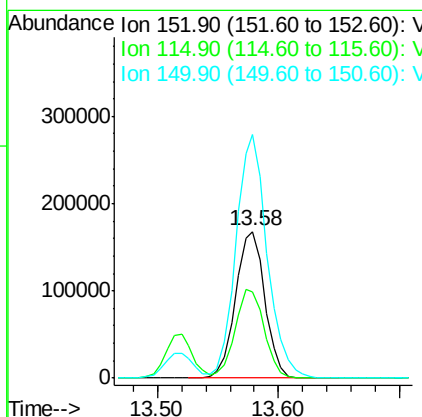
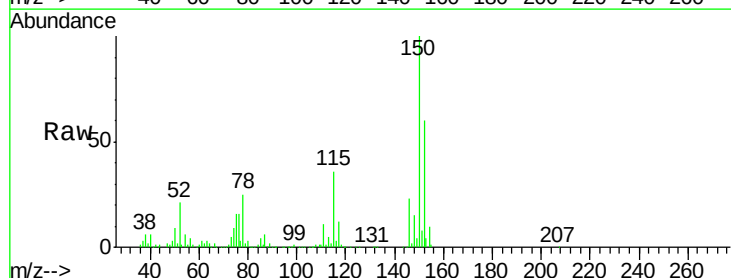
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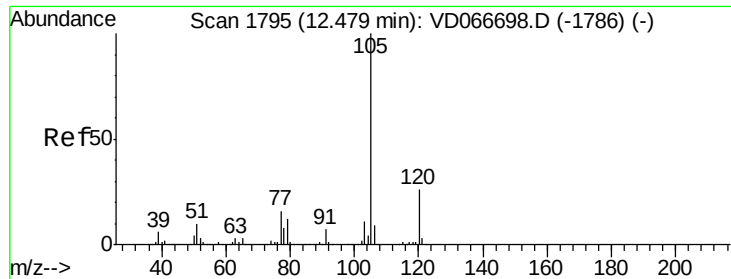
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.5	91.5
150	177.5	0.0	344.6





#73

Isopropylbenzene

Concen: 50.111 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1054866

Ion Ratio Lower Upper

105 100

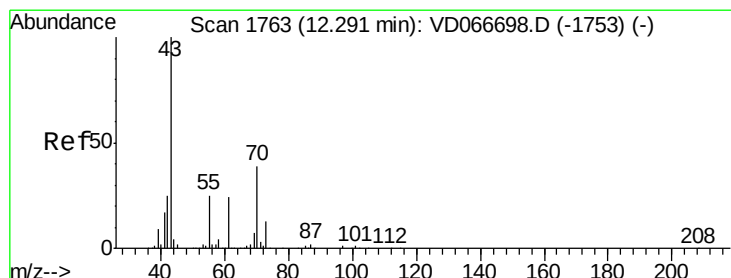
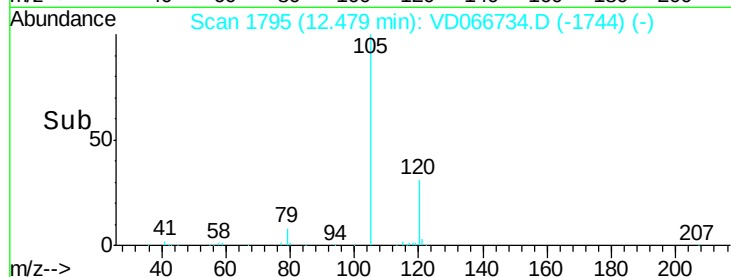
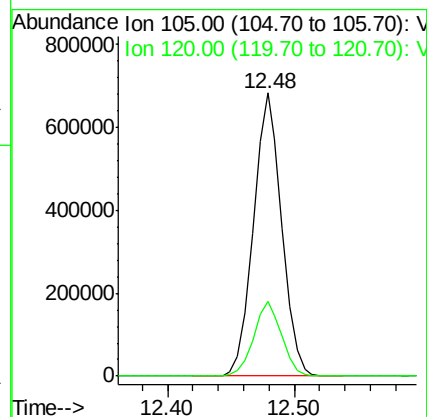
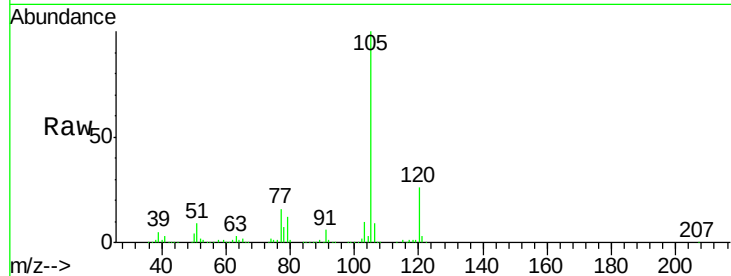
120 26.2 13.1 39.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.991 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion: 43 Resp: 208664

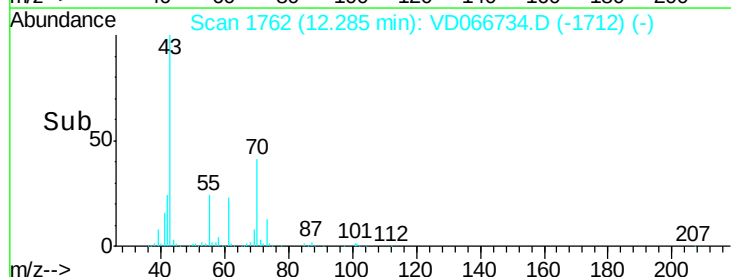
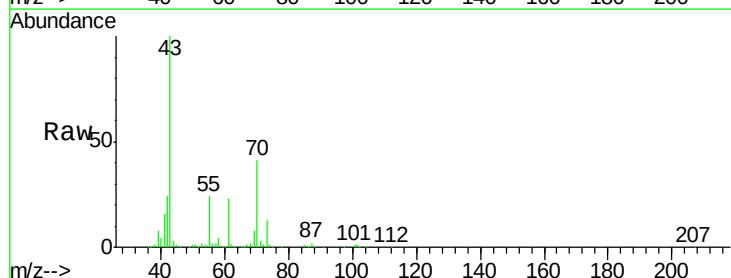
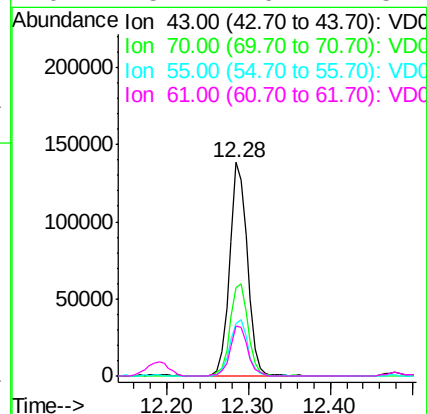
Ion Ratio Lower Upper

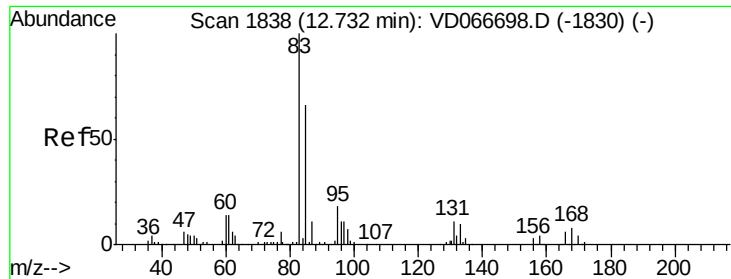
43 100

70 43.5 33.0 49.4

55 26.4 20.6 30.8

61 23.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.994 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

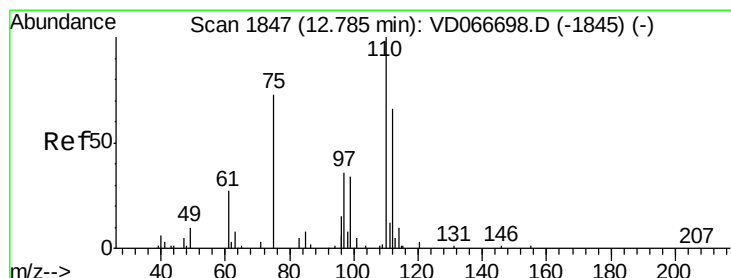
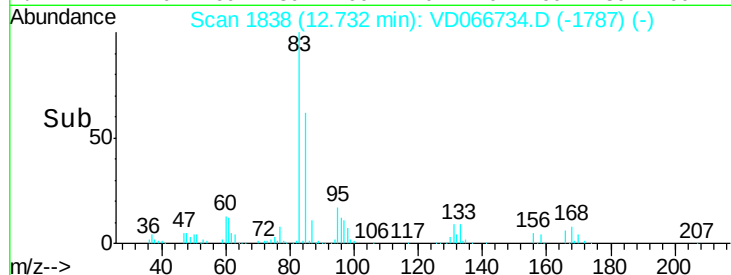
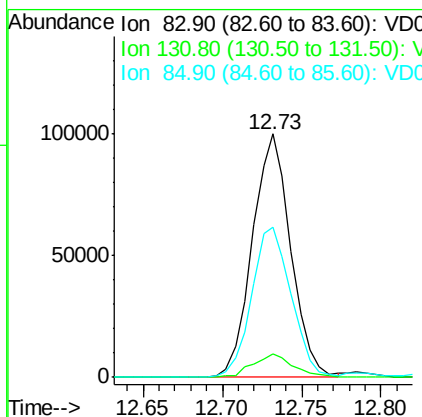
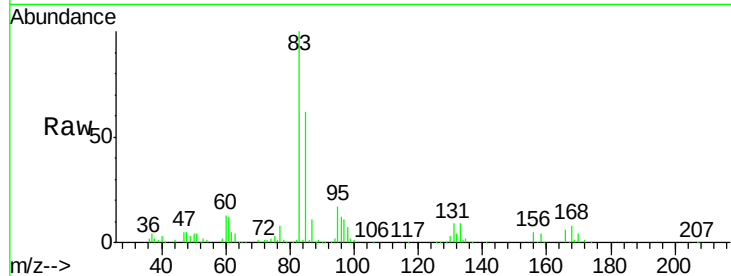
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	168099
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.8	17.3
85	63.5	33.3	99.8

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#76

1,2,3-Trichloropropane

Concen: 52.590 ug/l m

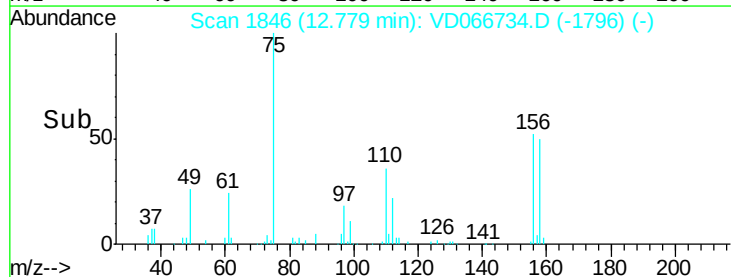
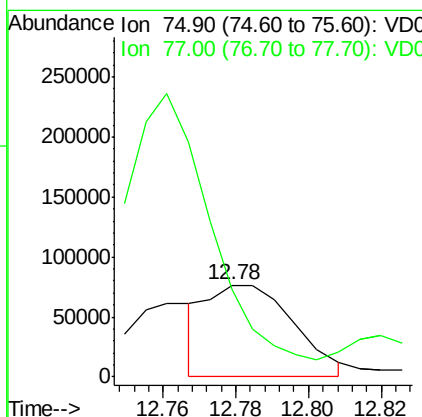
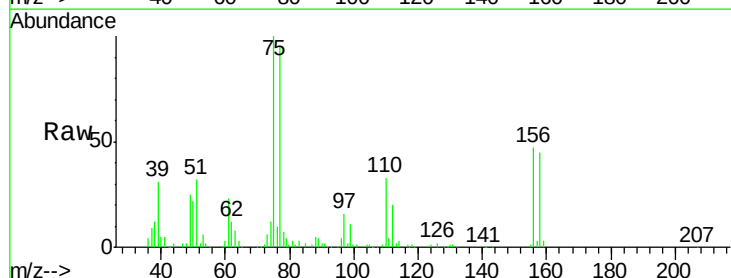
RT: 12.78 min Scan# 1846

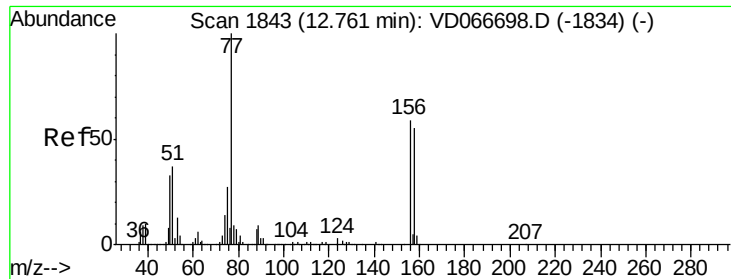
Delta R.T. -0.01 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	75	Resp:	126934
Ion Ratio	Lower	Upper	
75	100		
77	334.7	0.0	0.0#





#77

Bromobenzene

Concen: 47.269 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

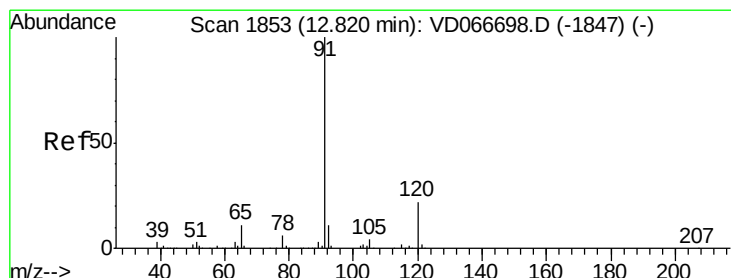
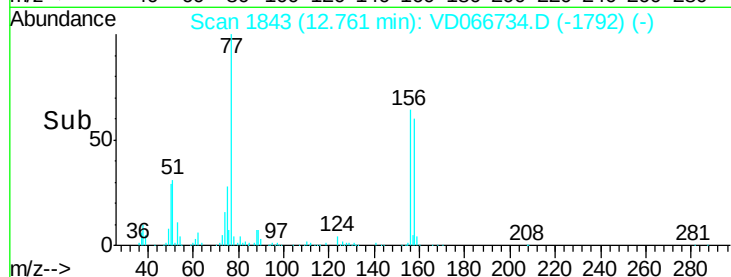
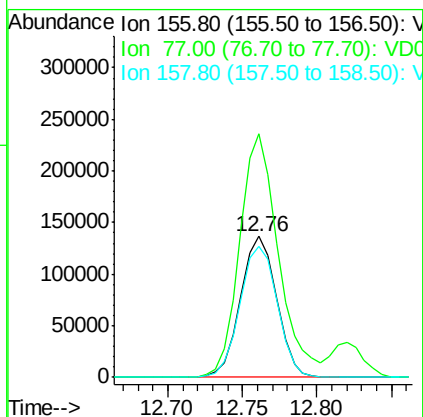
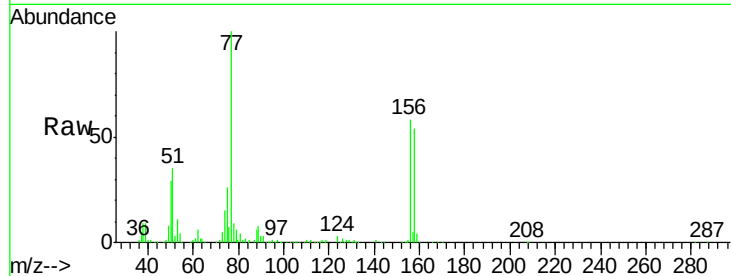
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	229340
Ion Ratio	Lower	Upper	
156	100		
77	185.2	95.8	287.3
158	95.8	48.4	145.0

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#78

n-propylbenzene

Concen: 50.051 ug/l

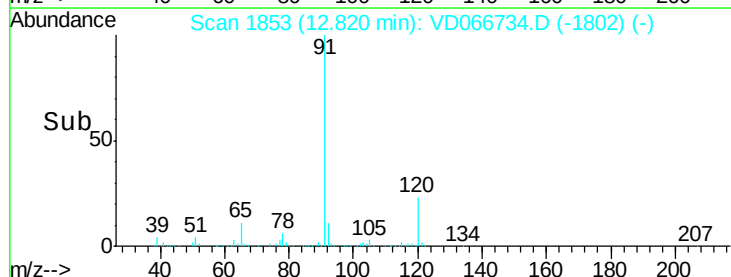
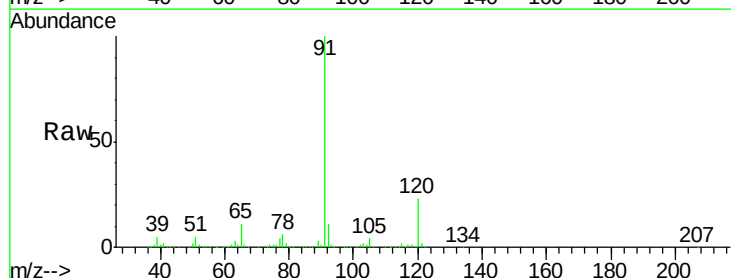
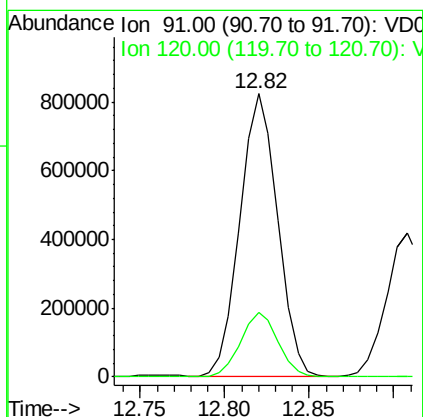
RT: 12.82 min Scan# 1853

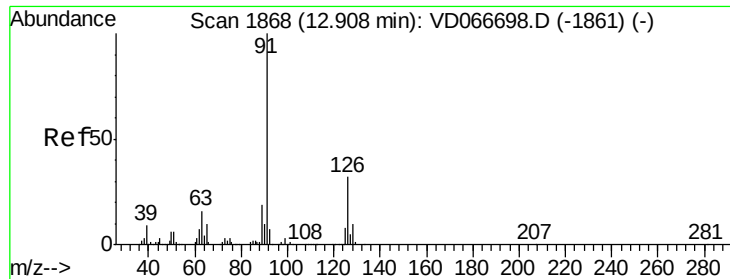
Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Tgt Ion:	91	Resp:	1284365
Ion Ratio	Lower	Upper	
91	100		
120	22.5	10.9	32.9





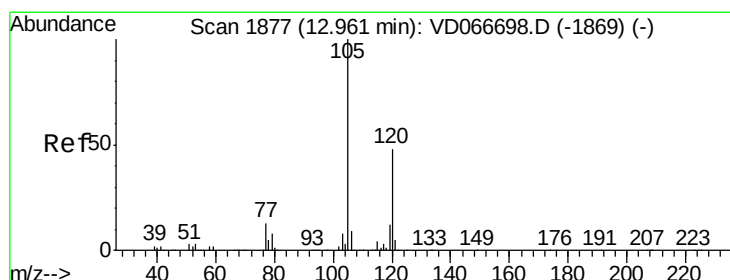
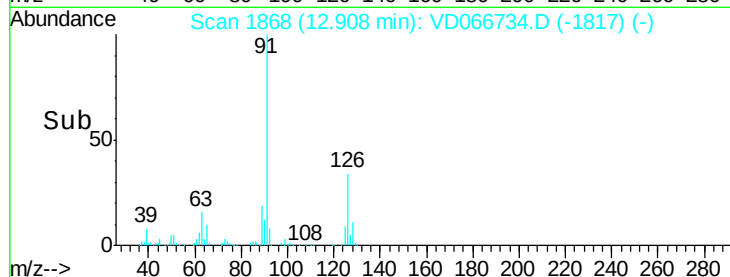
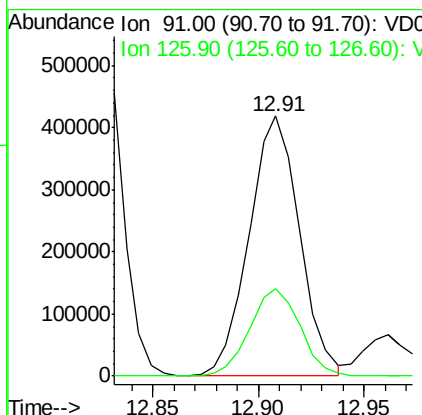
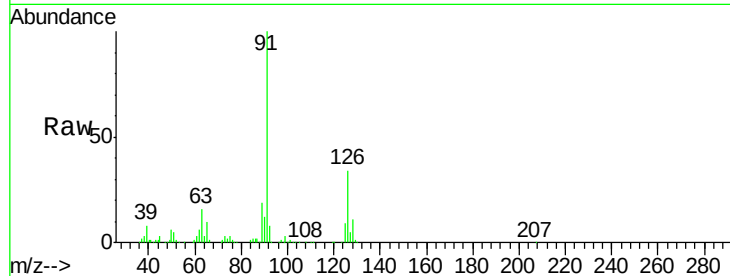
#79
2-Chlorotoluene
Concen: 47.876 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 694682
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

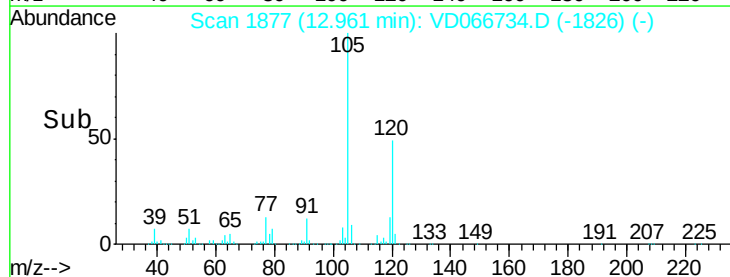
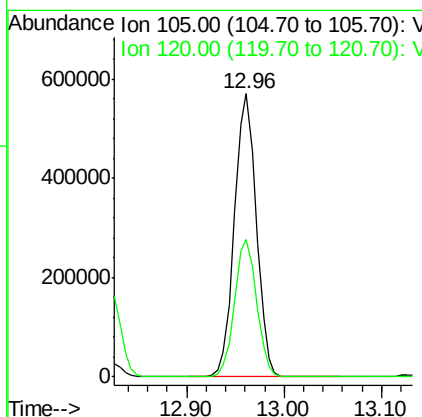
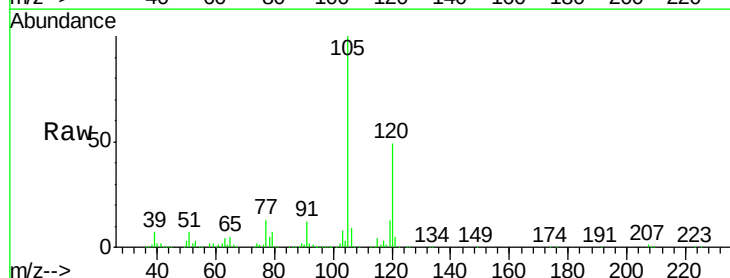
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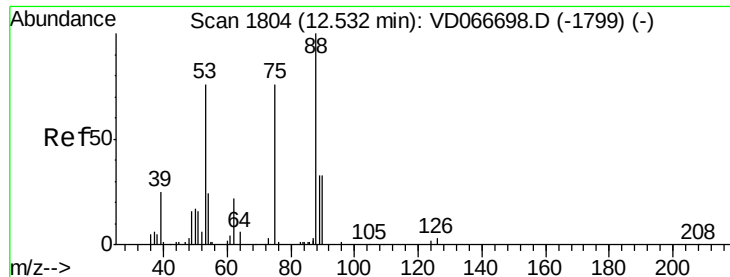
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#80
1,3,5-Trimethylbenzene
Concen: 50.000 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion: 105 Resp: 889931
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7





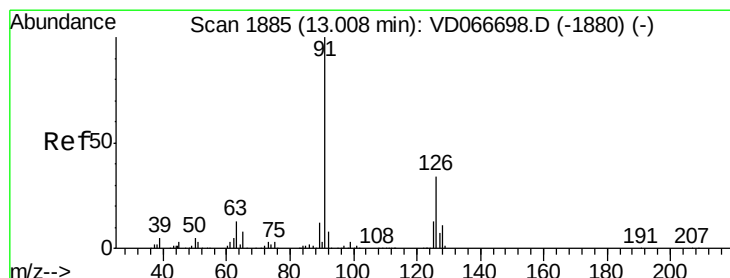
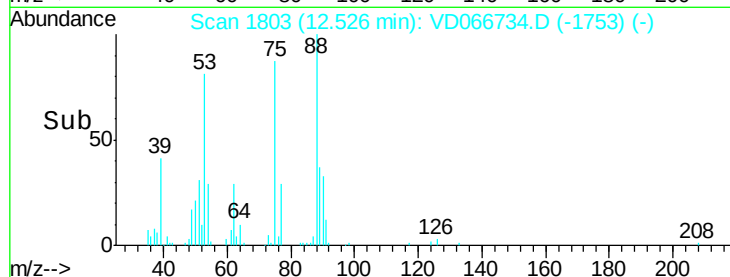
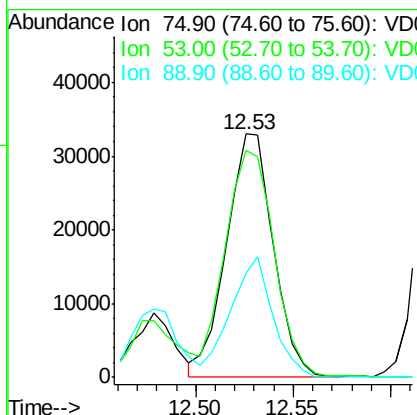
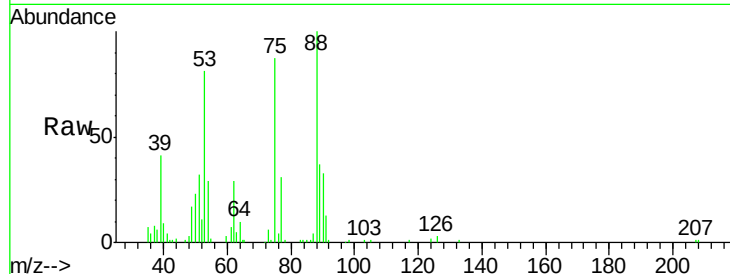
#81
trans-1,4-Dichloro-2-butene
Concen: 49.128 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	82.2	123.4
89	44.5	39.6	59.4

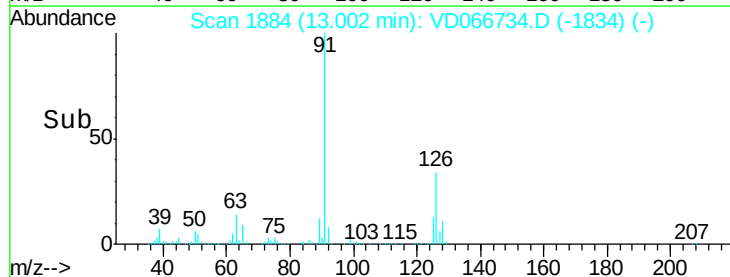
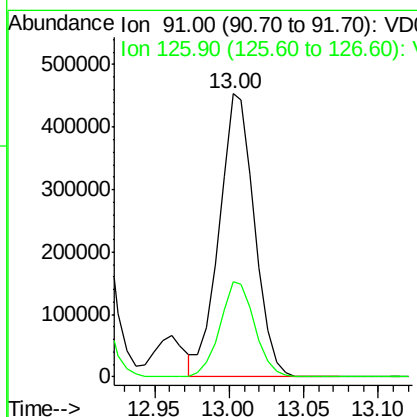
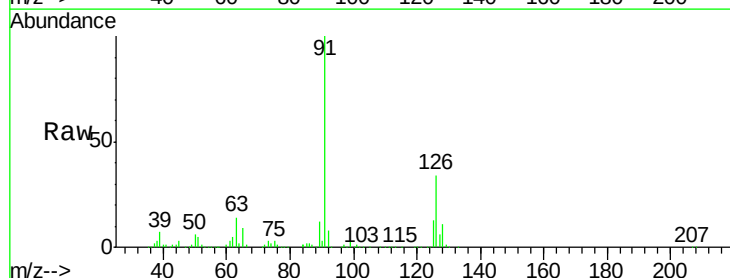
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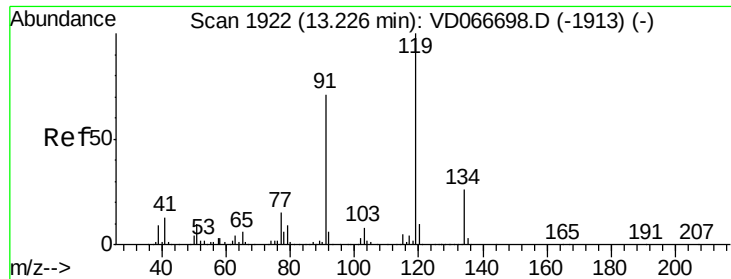
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#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.8	50.4





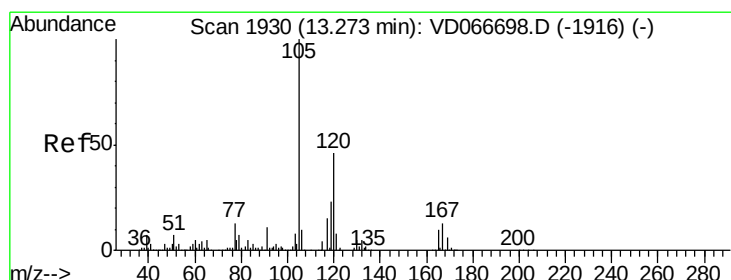
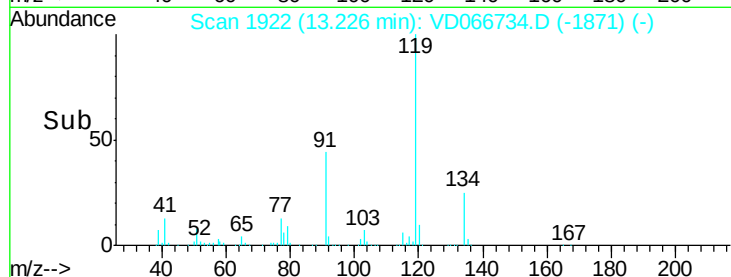
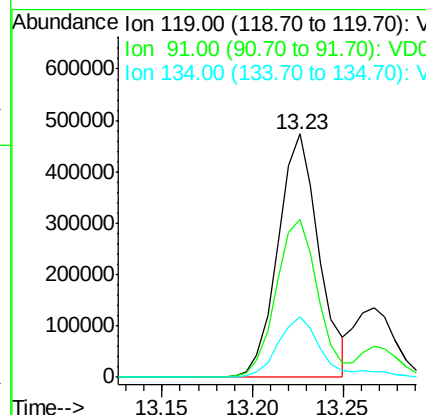
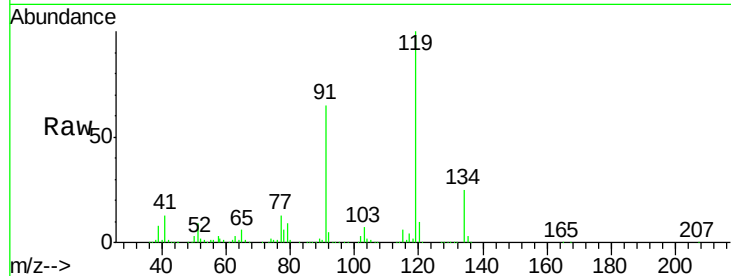
#83
 tert-Butylbenzene
 Concen: 50.866 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	35.0	105.1
134	26.7	13.6	40.8

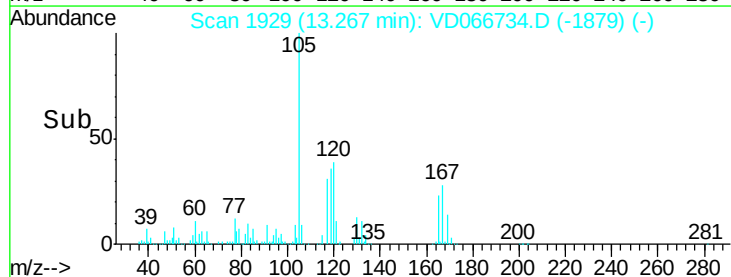
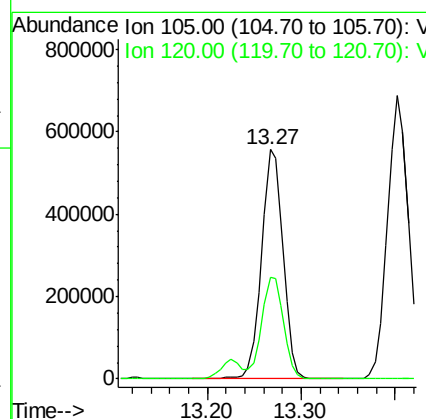
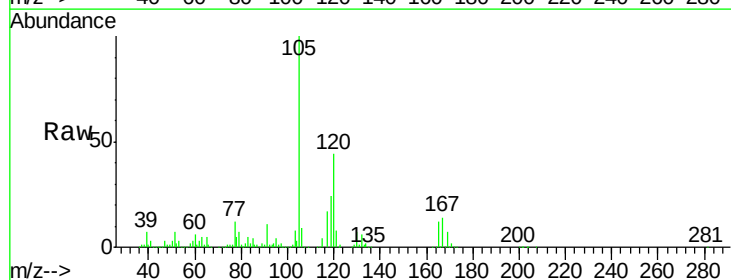
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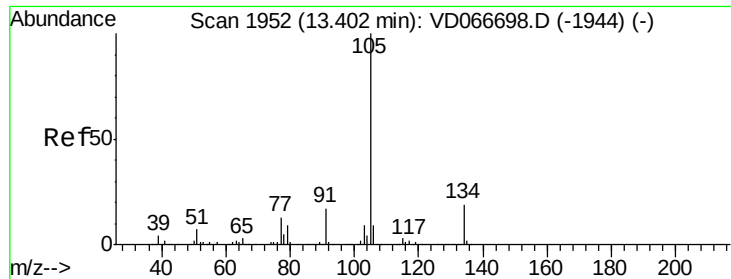
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.632 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.2





#85

sec-Butylbenzene

Concen: 50.311 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1058098

Ion Ratio Lower Upper

105 100

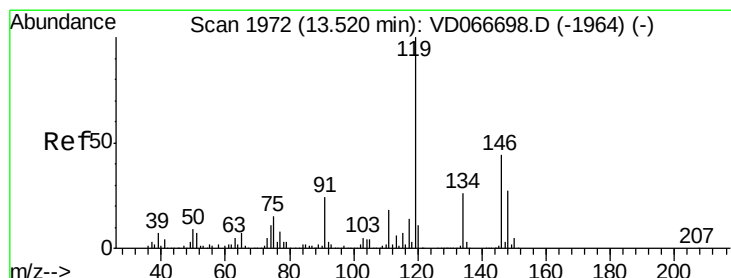
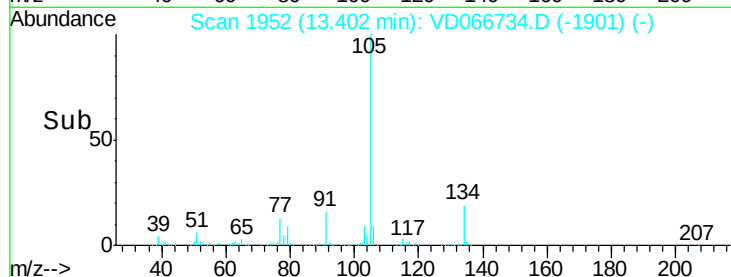
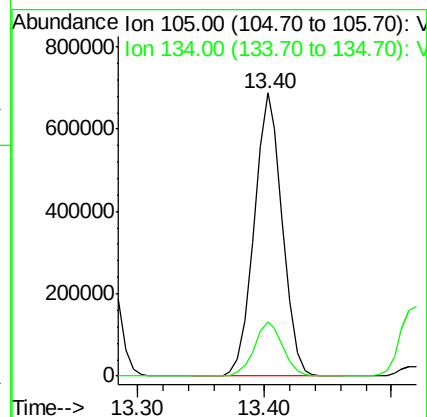
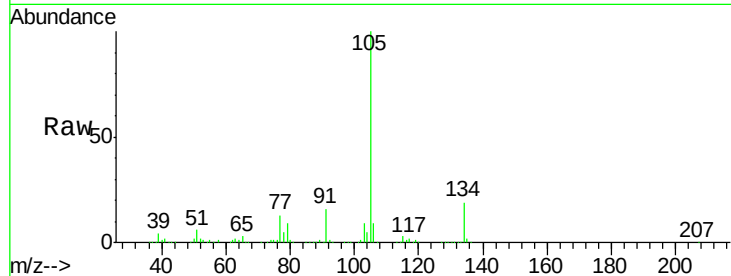
134 19.6 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.602 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066734.D

Acq: 17 Sep 2020 10:27

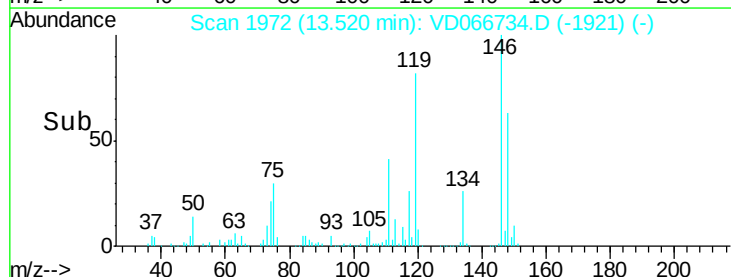
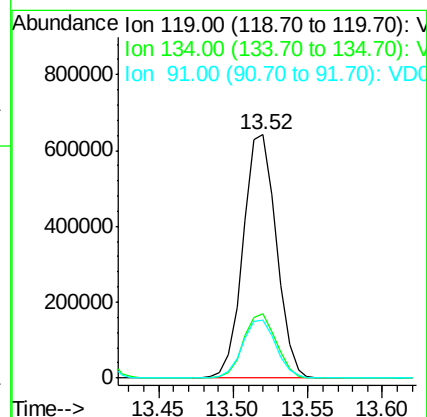
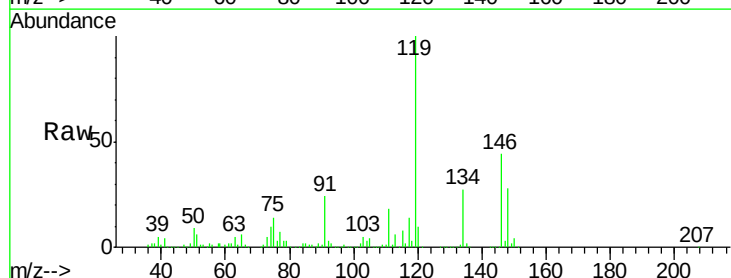
Tgt Ion:119 Resp: 986631

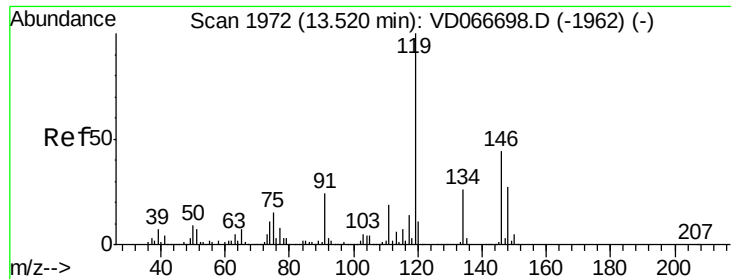
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.4 12.3 36.9





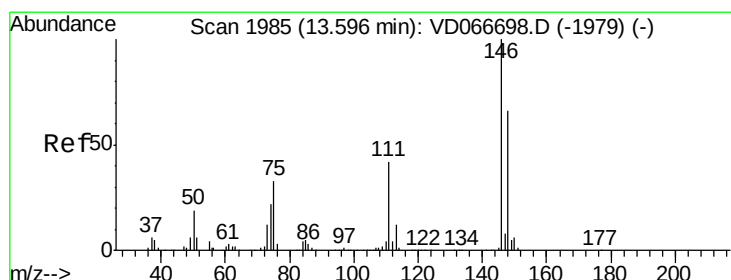
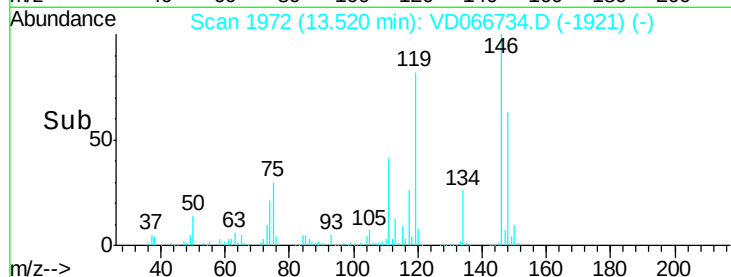
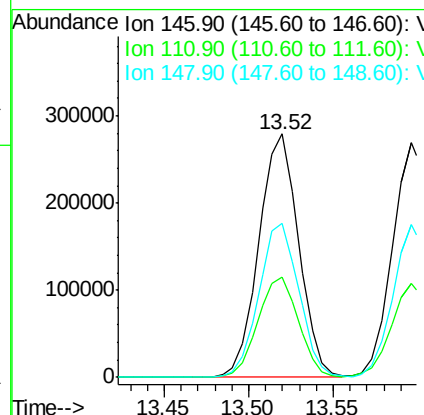
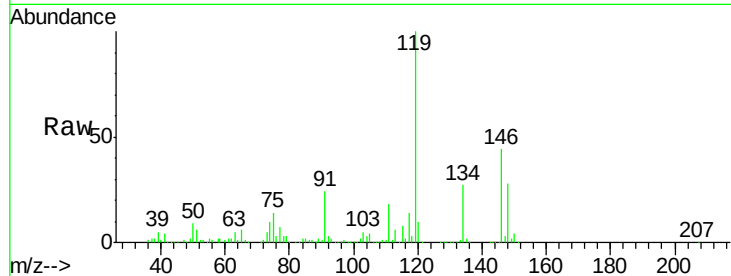
#87
 1,3-Dichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	63.7	31.4	94.2

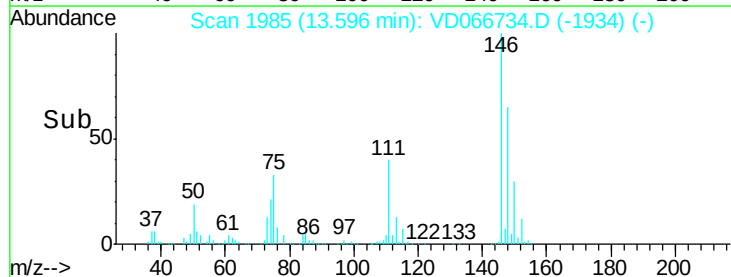
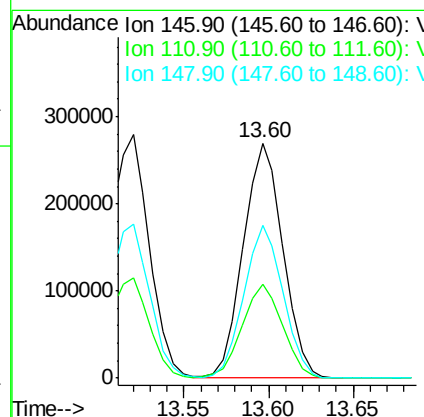
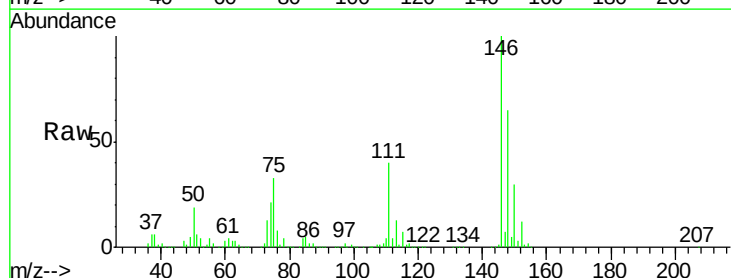
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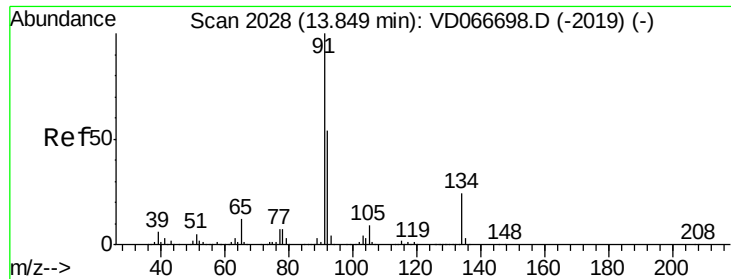
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#88
 1,4-Dichlorobenzene
 Concen: 47.548 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.0	32.7	98.1





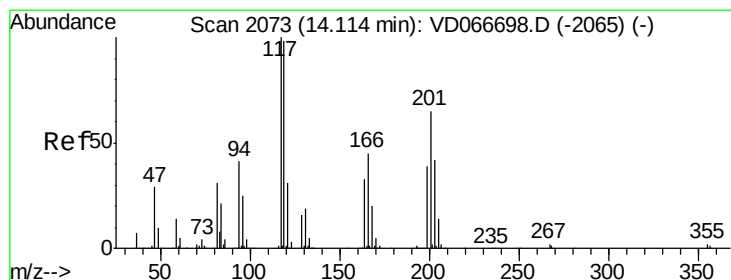
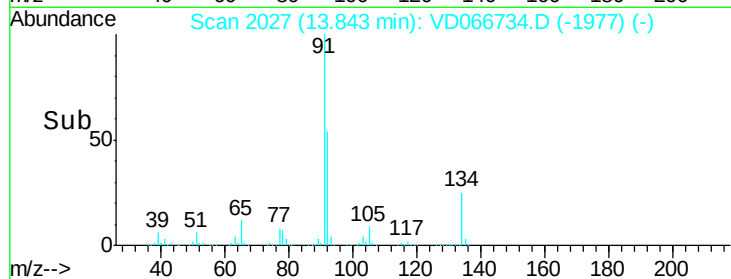
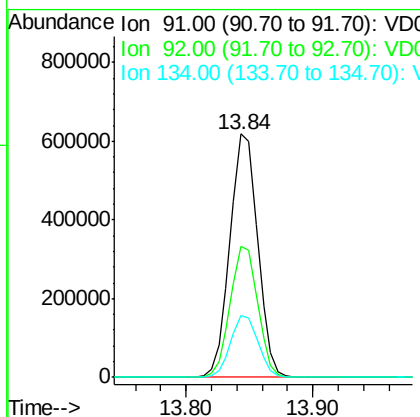
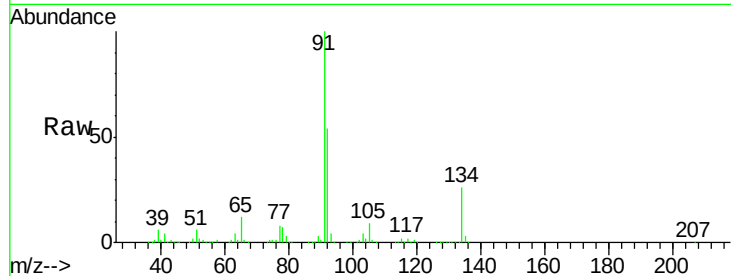
#89
n-Butylbenzene
Concen: 51.484 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	27.0	81.0	
134	25.3	12.4	37.0	

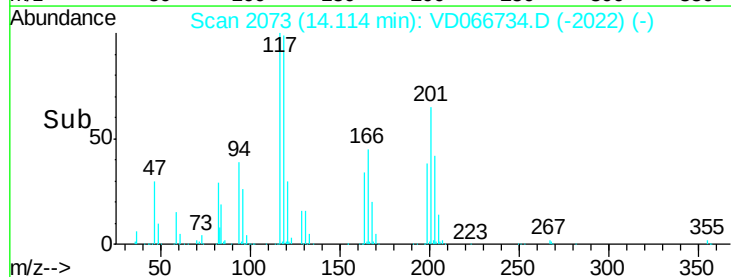
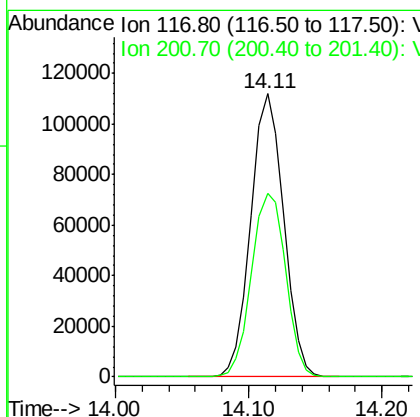
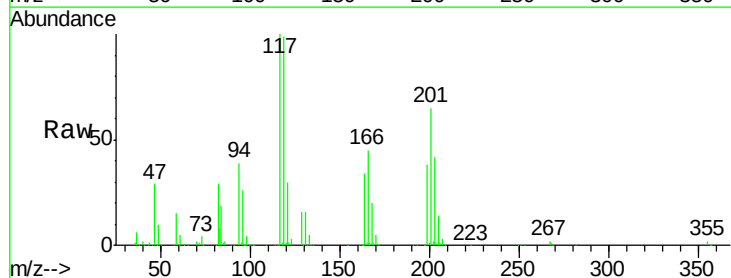
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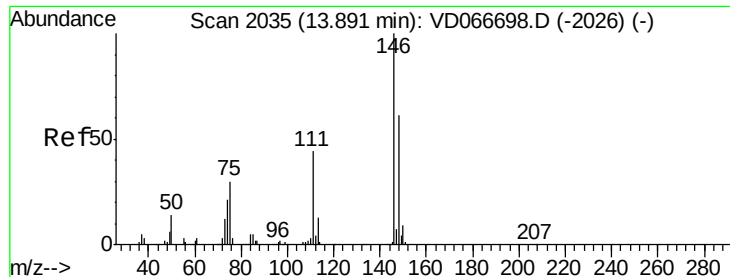
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#90
Hexachloroethane
Concen: 48.561 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.4	33.1	99.3	





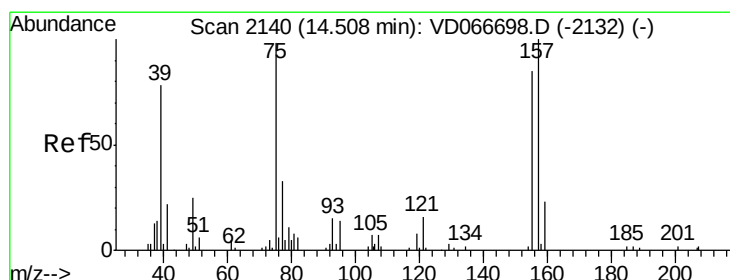
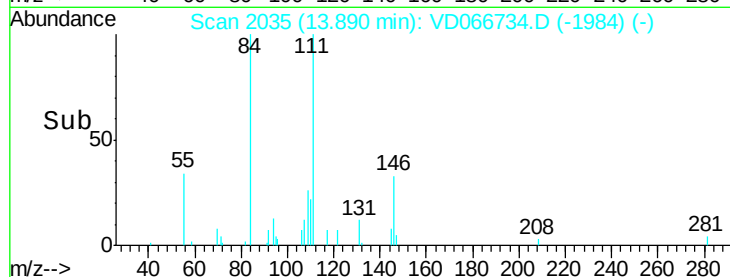
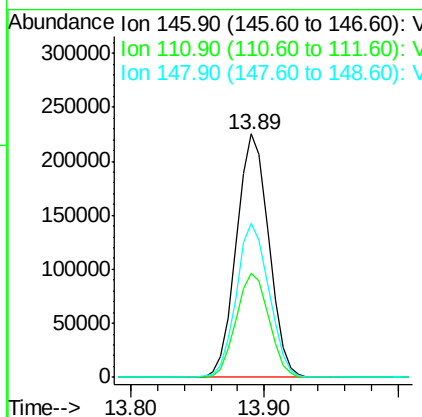
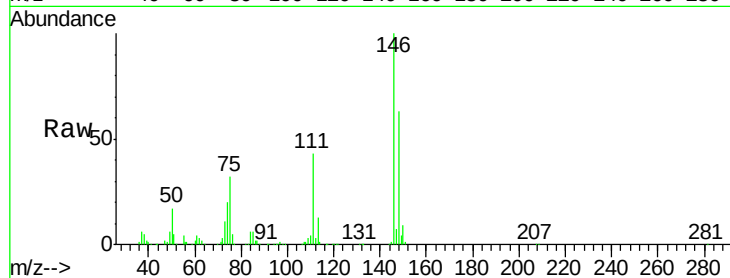
#91
 1,2-Dichlorobenzene
 Concen: 47.425 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	378252		
111	43.1		21.6	64.6
148	63.7		31.4	94.3

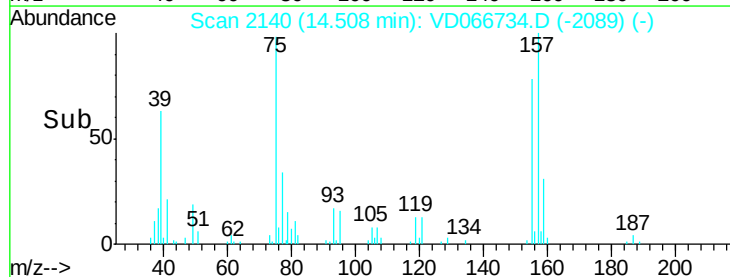
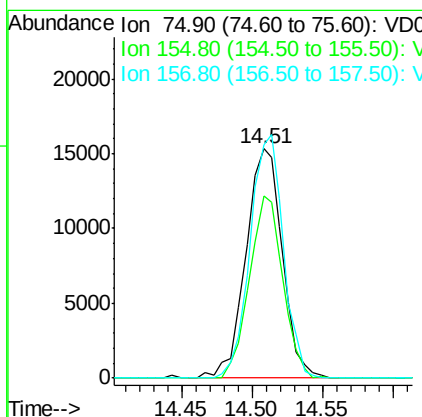
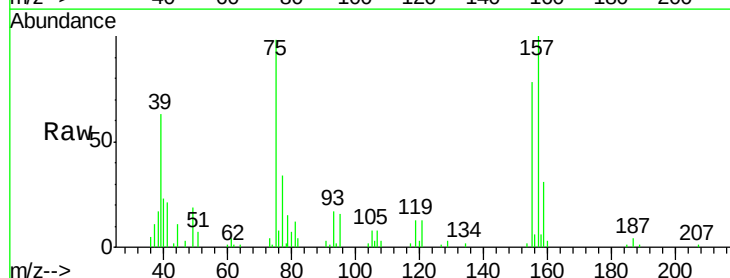
Manual Integrations
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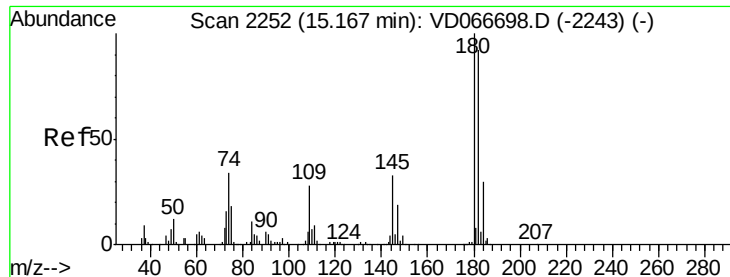
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.016 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27764		
155	72.9		38.9	116.7
157	96.9		46.4	139.2





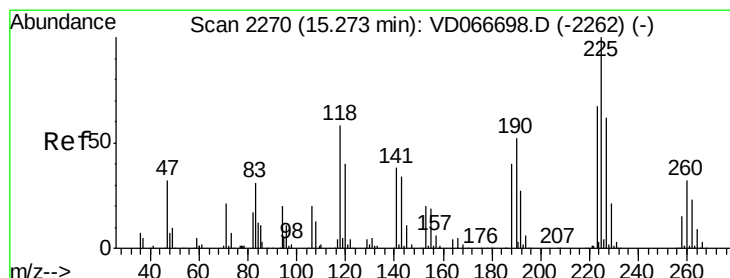
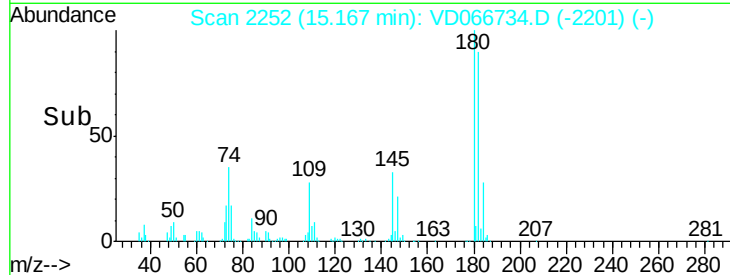
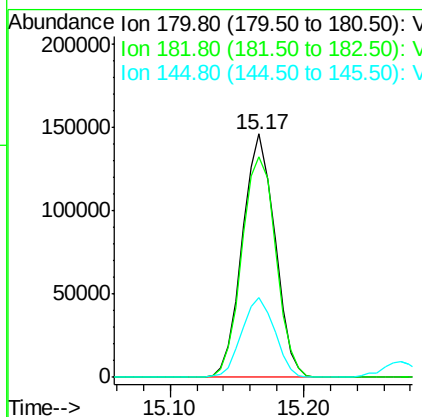
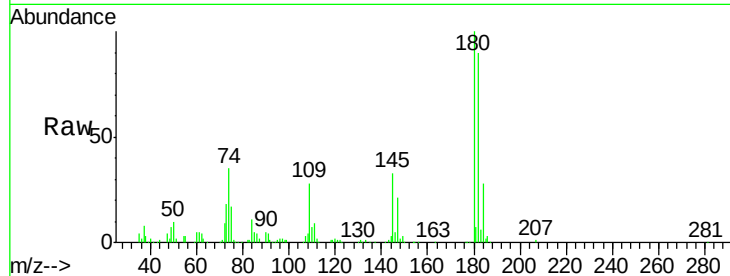
#93
 1,2,4-Trichlorobenzene
 Concen: 51.200 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	246987
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.6	139.7
145	33.0	16.5	49.5

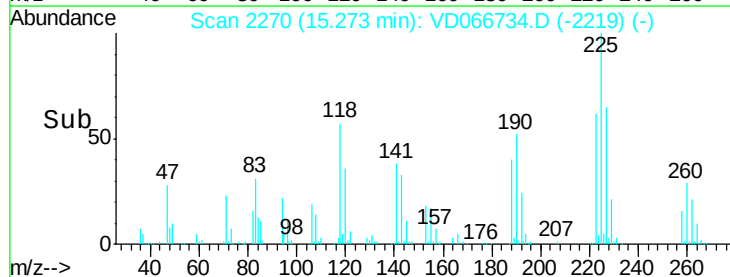
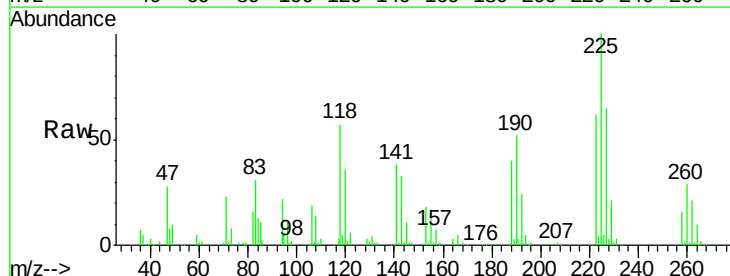
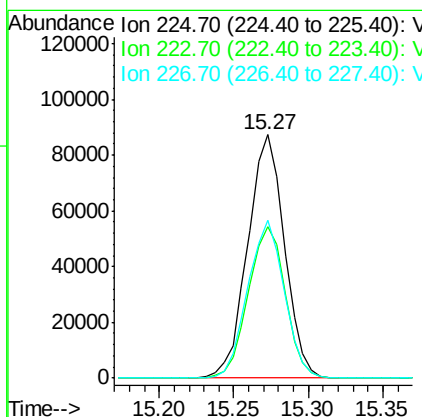
Manual Integrations
 APPROVED

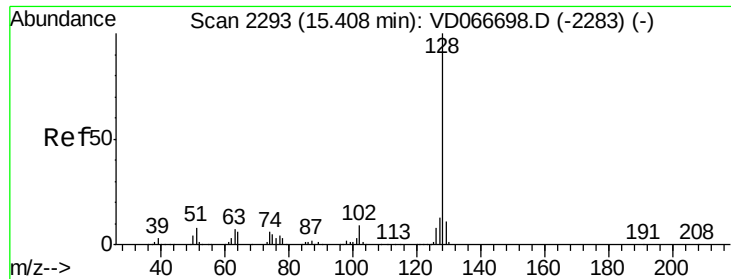
MMDadoda
 9/18/2020 12:18:14 PM



#94
 Hexachlorobutadiene
 Concen: 50.961 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066734.D
 Acq: 17 Sep 2020 10:27

Tgt Ion:	225	Resp:	148112
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.9	95.9
227	64.4	31.3	93.9





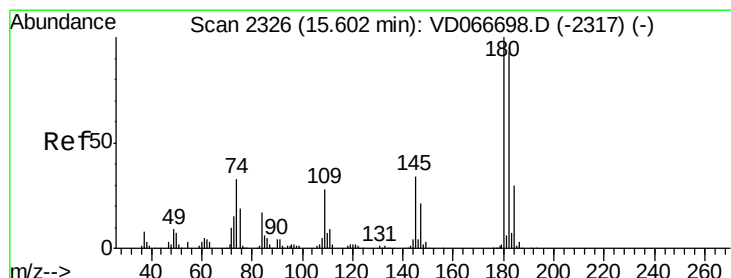
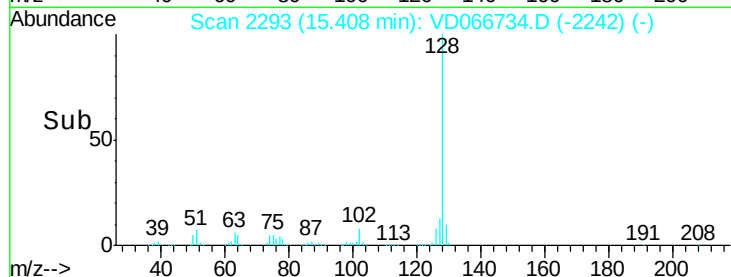
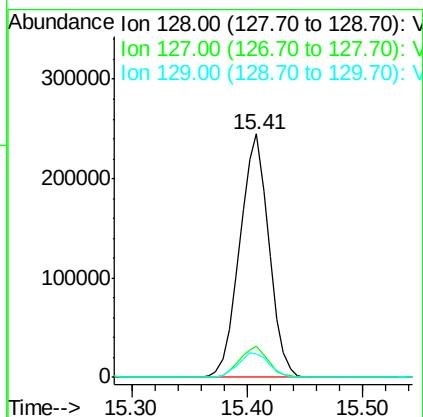
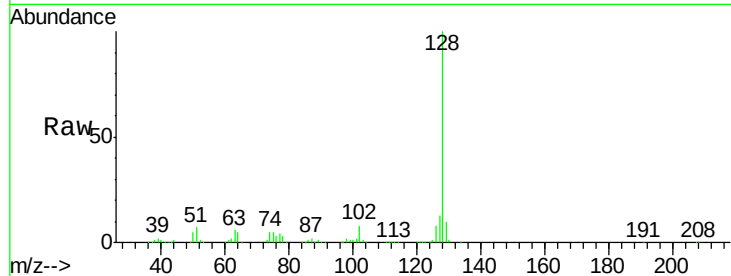
#95
Naphthalene
Concen: 50.878 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	428817		
127	12.4		10.5	15.7
129	10.5		8.6	12.8

Manual Integrations
APPROVED

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9/18/2020 12:18:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.766 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066734.D
Acq: 17 Sep 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209691		
182	94.8		46.6	139.8
145	33.3		17.1	51.3

