

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066757.D
 Acq On : 18 Sep 2020 11:06
 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
 9/21/2020 11:48:52 AM

Quant Time: Sep 19 03:38:45 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	436368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	672473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	222930	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	7.91	113	225926	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
50) Toluene-d8	10.34	98	829581	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
62) 4-Bromofluorobenzene	12.63	95	275572	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	155094	47.785	ug/l	100
3) Chloromethane	2.21	50	194001	40.855	ug/l	97
4) Vinyl Chloride	2.35	62	207520	41.757	ug/l	96
5) Bromomethane	2.77	94	143348	40.661	ug/l	87
6) Chloroethane	2.93	64	128167	41.398	ug/l	96
7) Trichlorofluoromethane	3.27	101	395554	46.081	ug/l	99
8) Diethyl Ether	3.71	74	105156	48.922	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	225414	47.783	ug/l	99
10) Methyl Iodide	4.30	142	215586	48.166	ug/l	99
11) Tert butyl alcohol	5.23	59	64149	197.914	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	207390	47.498	ug/l	98
13) Acrolein	3.92	56	79805	243.039	ug/l	95
14) Allyl chloride	4.71	41	329580	47.001	ug/l	97
15) Acrylonitrile	5.43	53	226705	240.762	ug/l	97
16) Acetone	4.15	43	267998	282.669	ug/l	98
17) Carbon Disulfide	4.41	76	662824	48.310	ug/l	96
18) Methyl Acetate	4.71	43	100048	49.396	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	467678	48.088	ug/l	97
20) Methylene Chloride	4.96	84	243964	47.502	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	246234	48.404	ug/l	99
22) Diisopropyl ether	6.36	45	672153	47.175	ug/l	99
23) Vinyl Acetate	6.31	43	1958311	247.090	ug/l	96
24) 1,1-Dichloroethane	6.26	63	425797	47.094	ug/l	97
25) 2-Butanone	7.21	43	306518	248.281	ug/l	96
26) 2,2-Dichloropropane	7.21	77	392833	46.985	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	267872	48.133	ug/l	99
28) Bromochloromethane	7.55	49	153881	45.566	ug/l	95
29) Tetrahydrofuran	7.56	42	187065	247.655	ug/l	99
30) Chloroform	7.71	83	447959	46.552	ug/l	98
31) Cyclohexane	7.98	56	379897	46.193	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	423640	48.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	355167	51.370	ug/l	99
37) Ethyl Acetate	7.29	43	132556	50.643	ug/l	98
38) Carbon Tetrachloride	8.09	117	376730	51.310	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	414037	52.354	ug/l	97
40) Benzene	8.35	78	968227	51.763	ug/l	100
41) Methacrylonitrile	7.52	41	68127m	49.164	ug/l	
42) 1,2-Dichloroethane	8.43	62	279016	48.147	ug/l	97
43) Isopropyl Acetate	8.45	43	246181	49.969	ug/l	99
44) Trichloroethene	9.11	130	262421	52.471	ug/l	100
45) 1,2-Dichloropropane	9.38	63	235031	50.826	ug/l	97
46) Dibromomethane	9.47	93	126508	49.786	ug/l	97
47) Bromodichloromethane	9.66	83	343804	49.653	ug/l	96
48) Methyl methacrylate	9.46	41	133514	53.279	ug/l	97
49) 1,4-Dioxane	9.46	88	29448	1081.871	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	647929	255.453	ug/l	98
52) Toluene	10.40	92	632183	52.758	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	314688	50.875	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	380311	51.765	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	171251	51.115	ug/l	94
56) Ethyl methacrylate	10.66	69	201889	53.102	ug/l	97
57) 1,3-Dichloropropane	10.94	76	299226	50.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	444232	266.044	ug/l	98
59) 2-Hexanone	10.98	43	476523	279.610	ug/l	97
60) Dibromochloromethane	11.14	129	226364	51.854	ug/l	97
61) 1,2-Dibromoethane	11.24	107	163250	50.797	ug/l	100
64) Tetrachloroethene	10.87	164	209421	50.222	ug/l	98
65) Chlorobenzene	11.67	112	642955	50.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	237448	50.885	ug/l	99
67) Ethyl Benzene	11.74	91	1204800	52.593	ug/l	100
68) m/p-Xylenes	11.85	106	917588	105.980	ug/l	97
69) o-Xylene	12.18	106	408086	53.336	ug/l	96
70) Styrene	12.20	104	714925	53.089	ug/l	99
71) Bromoform	12.36	173	120840	51.600	ug/l #	100
73) Isopropylbenzene	12.48	105	1130637	52.943	ug/l	100
74) N-amyl acetate	12.29	43	228166	50.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	180061	49.619	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	118717m	48.483	ug/l	
77) Bromobenzene	12.76	156	246803	50.142	ug/l	96
78) n-propylbenzene	12.82	91	1364190	52.403	ug/l	98
79) 2-Chlorotoluene	12.91	91	755779	51.343	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	950735	52.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	58442	51.510	ug/l	99
82) 4-Chlorotoluene	13.01	91	790415	50.783	ug/l	100
83) tert-Butylbenzene	13.23	119	775462	52.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	950684	52.683	ug/l	99
85) sec-Butylbenzene	13.40	105	1123152	52.641	ug/l	99
86) p-Isopropyltoluene	13.52	119	1035410	53.380	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	486458	51.514	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	471488	50.140	ug/l	99
89) n-Butylbenzene	13.85	91	976103	52.922	ug/l	98
90) Hexachloroethane	14.11	117	202713	50.873	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	409814	50.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29919	51.004	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	259482	53.022	ug/l	99
94) Hexachlorobutadiene	15.27	225	153684	52.123	ug/l	98
95) Naphthalene	15.41	128	460450	53.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	220451	51.572	ug/l	98

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

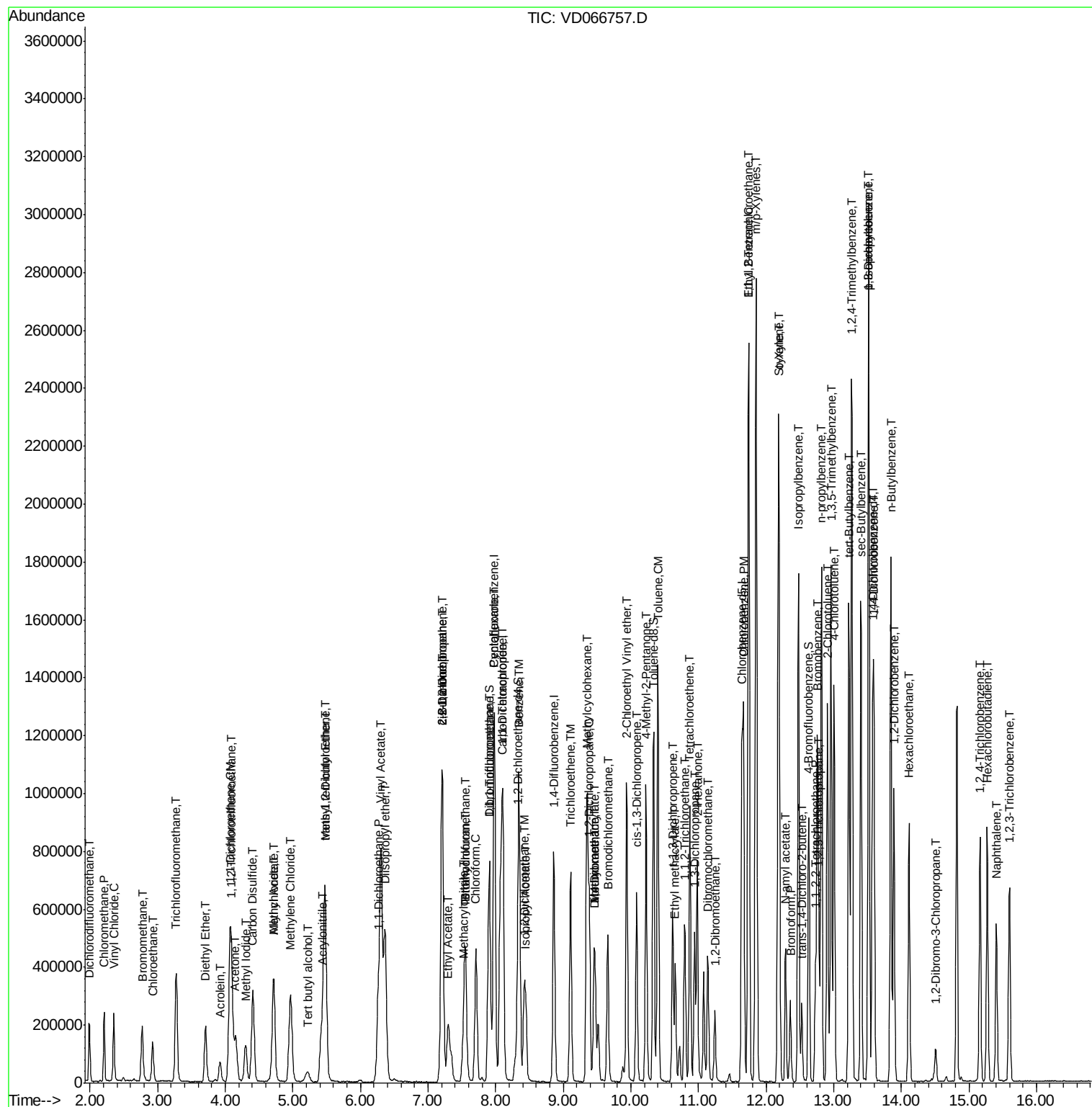
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
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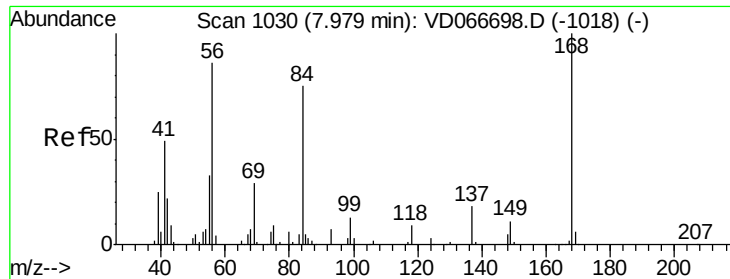
Instrument :
 MSVOA_D
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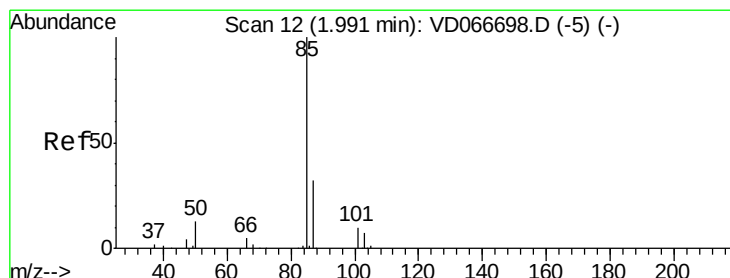
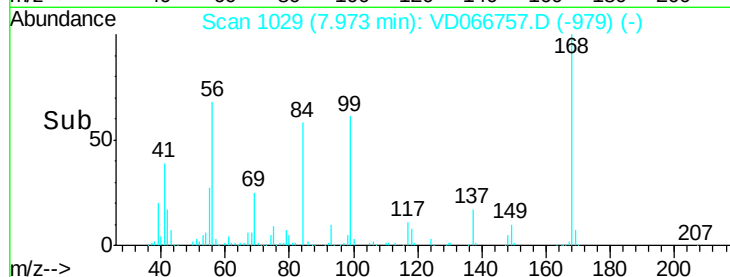
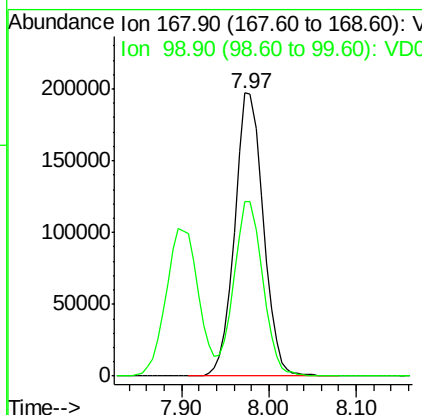
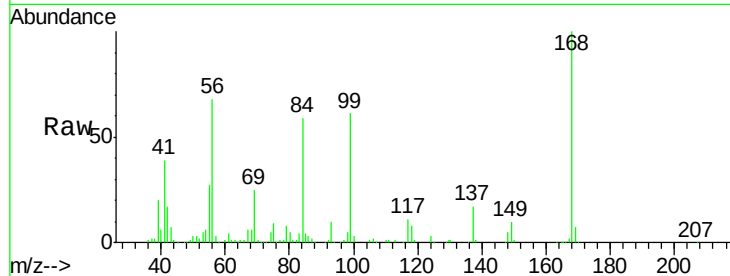
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	61.2	54.4	81.6

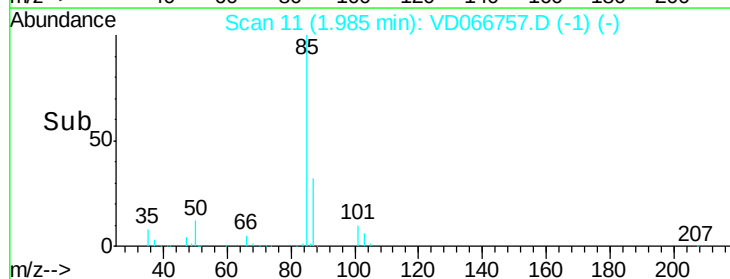
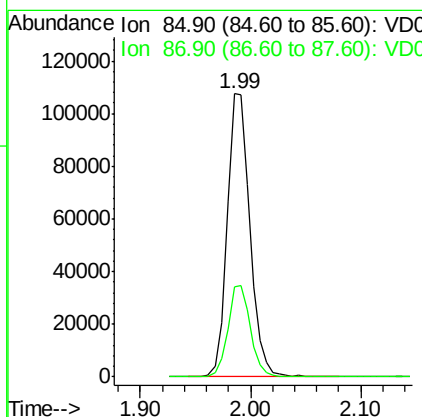
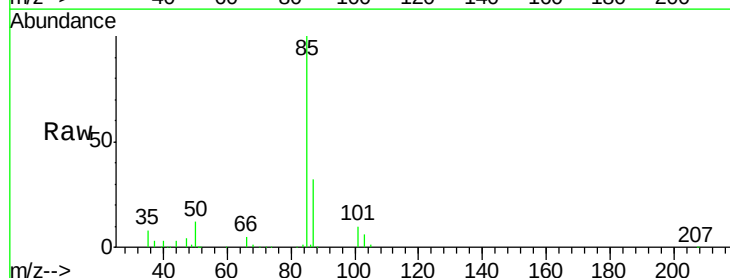
Manual Integrations
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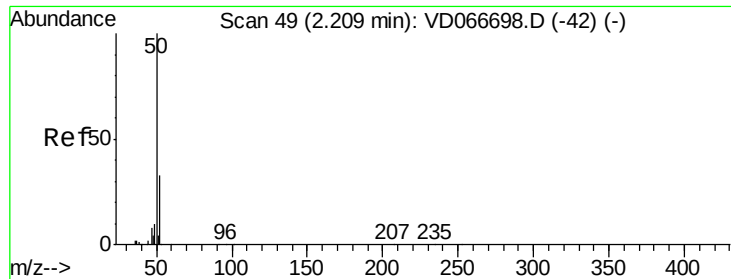
MMDadoda
9/21/2020 11:48:52 AM



#2
Dichlorodifluoromethane
Concen: 47.785 ug/l
RT: 1.99 min Scan# 11
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.9	47.6





#3

Chloromethane

Concen: 40.855 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 194001

Ion Ratio Lower Upper

50 100

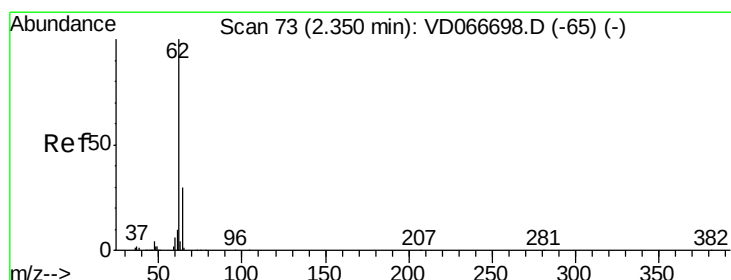
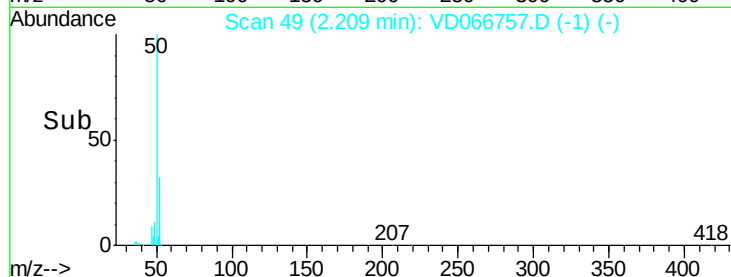
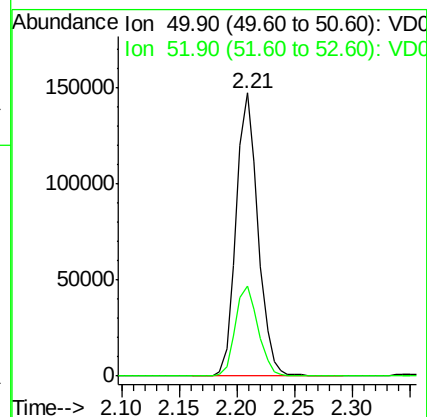
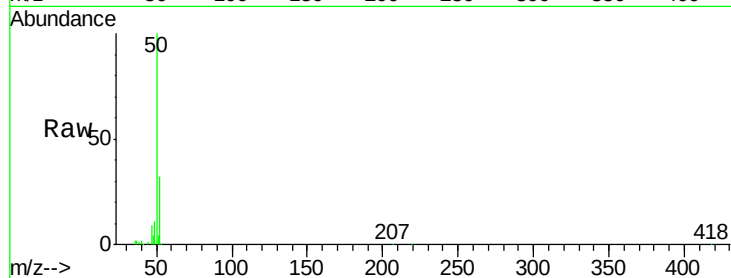
52 31.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.757 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066757.D

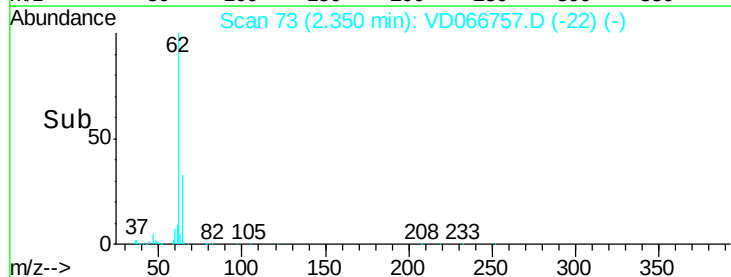
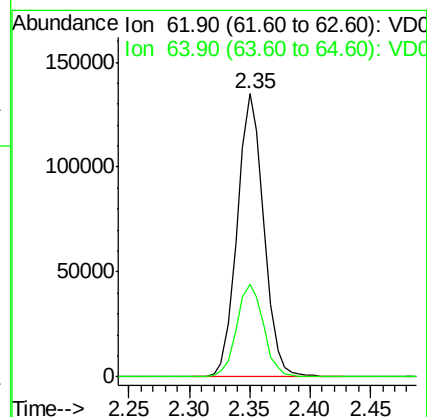
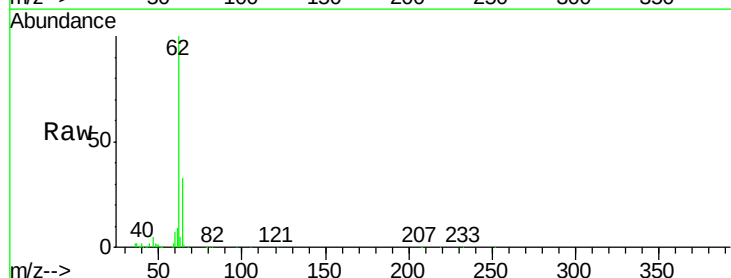
Acq: 18 Sep 2020 11:06

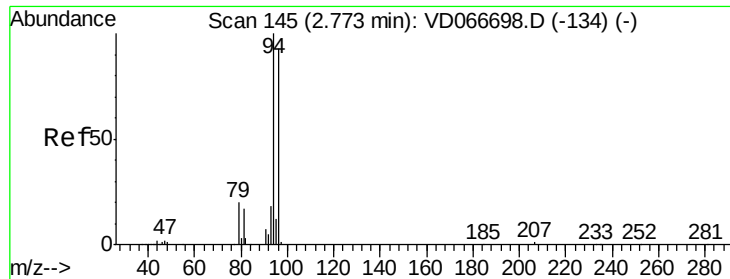
Tgt Ion: 62 Resp: 207520

Ion Ratio Lower Upper

62 100

64 32.9 24.4 36.6





#5

Bromomethane

Concen: 40.661 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 143348

Ion Ratio Lower Upper

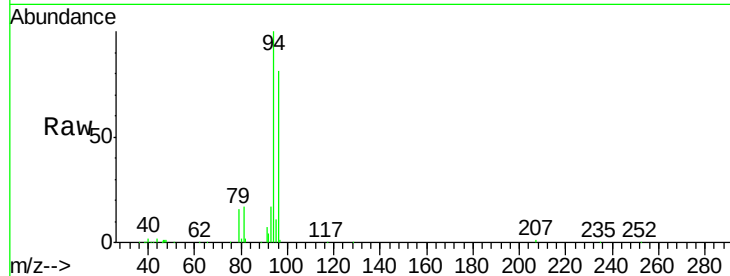
94 100

96 81.0 74.7 112.1

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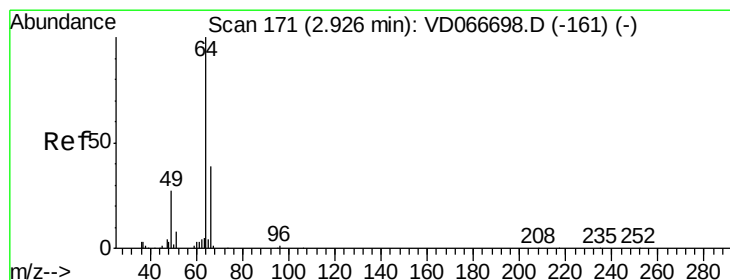
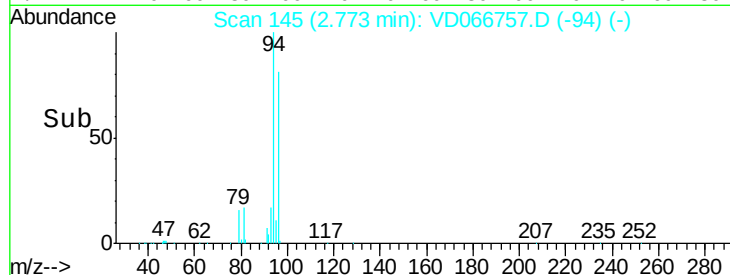
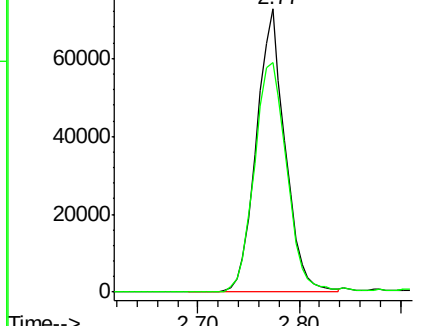
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 41.398 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066757.D

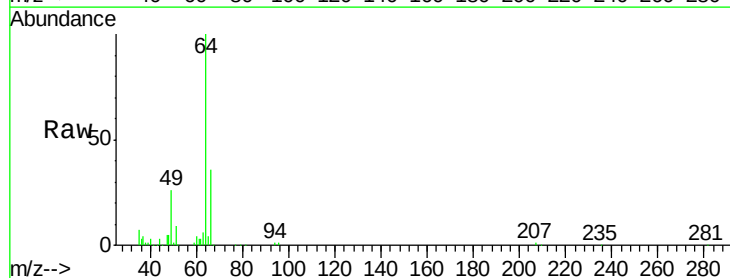
Acq: 18 Sep 2020 11:06

Tgt Ion: 64 Resp: 128167

Ion Ratio Lower Upper

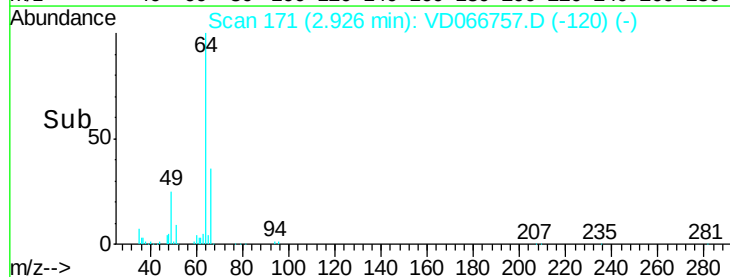
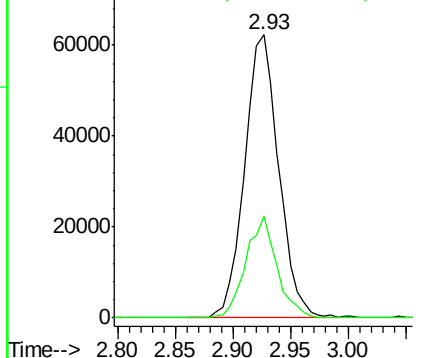
64 100

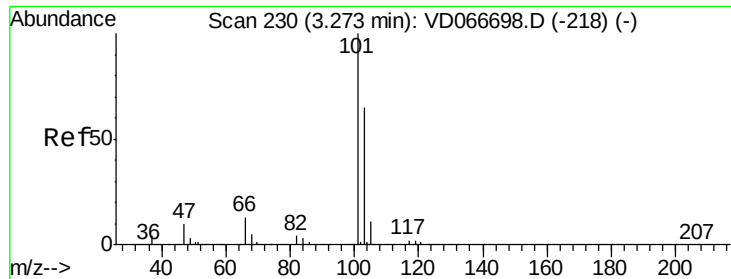
66 36.1 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

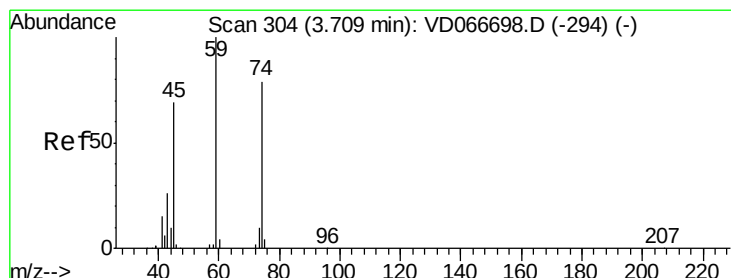
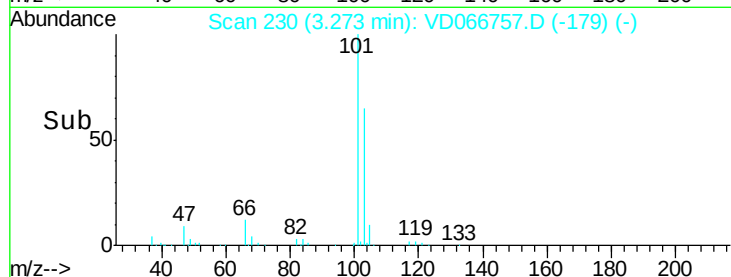
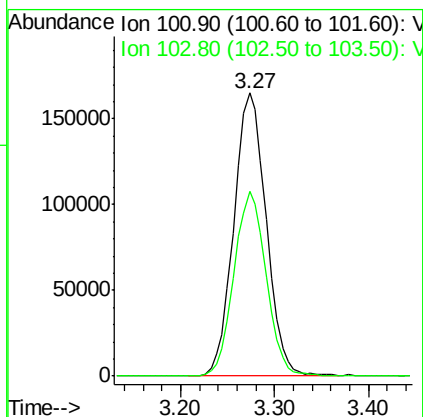
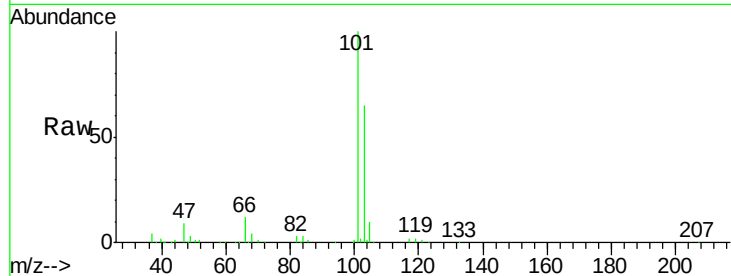
Trichlorofluoromethane
Concen: 46.081 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	395554		
103	65.5	51.8	77.8	

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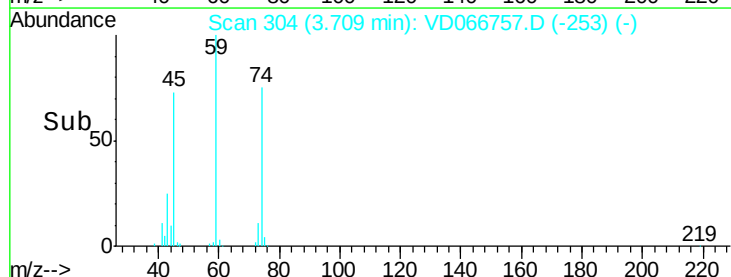
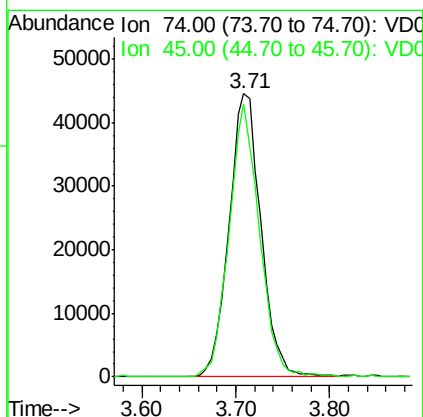
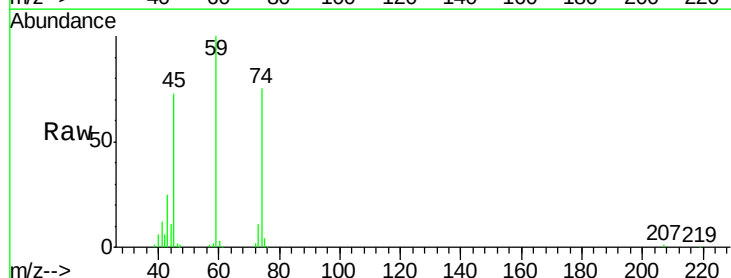
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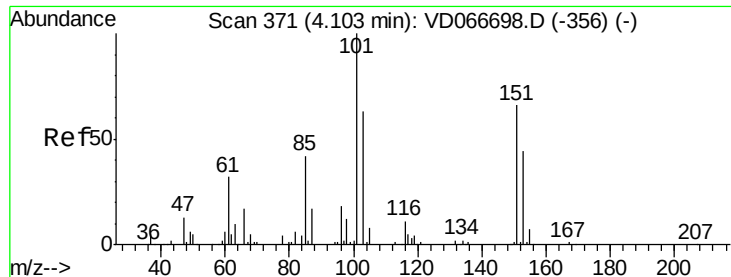


#8

Diethyl Ether
Concen: 48.922 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	105156		
45	92.0	48.0	144.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.783 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

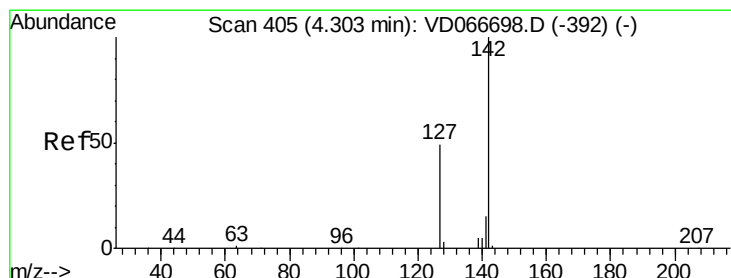
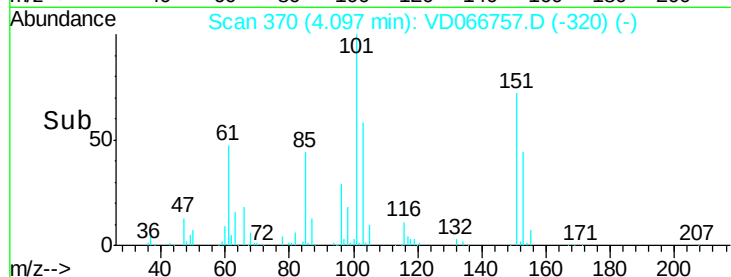
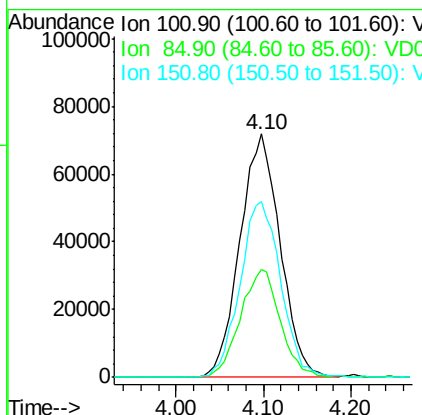
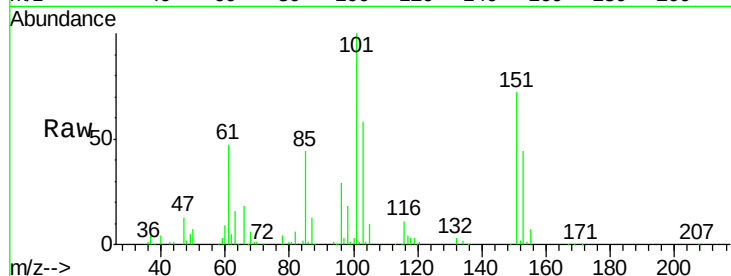
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	225414
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.3	54.5
151	72.8	58.0	87.0

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#10

Methyl Iodide

Concen: 48.166 ug/l

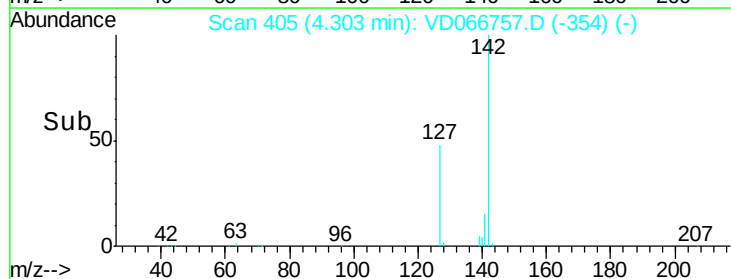
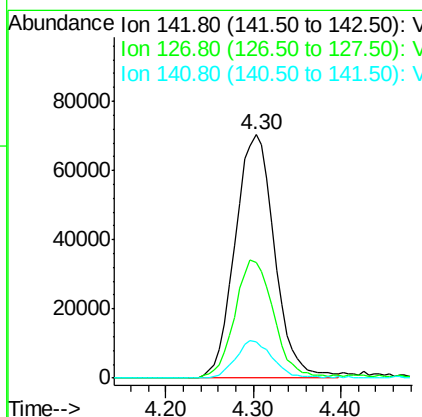
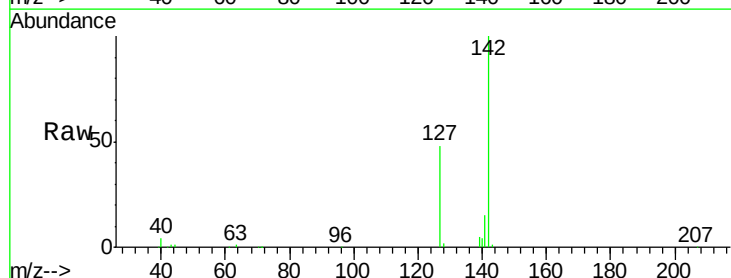
RT: 4.30 min Scan# 405

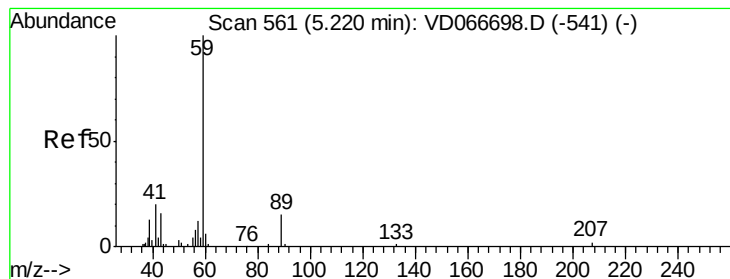
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	142	Resp:	215586
Ion Ratio	Lower	Upper	
142	100		
127	47.7	39.0	58.4
141	14.4	11.7	17.5





#11

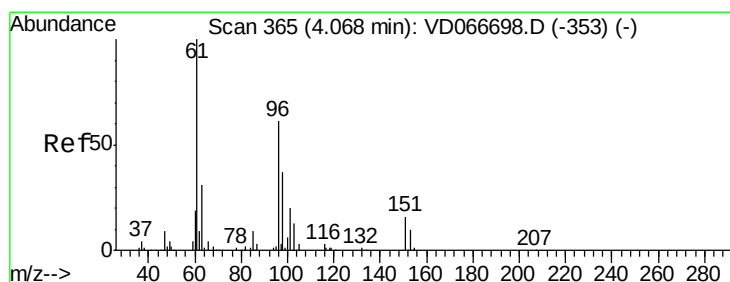
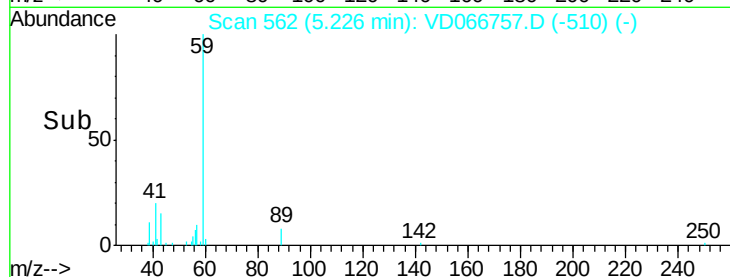
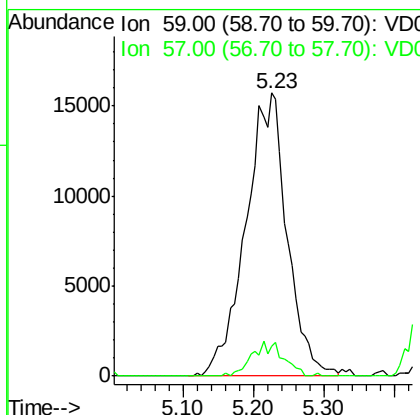
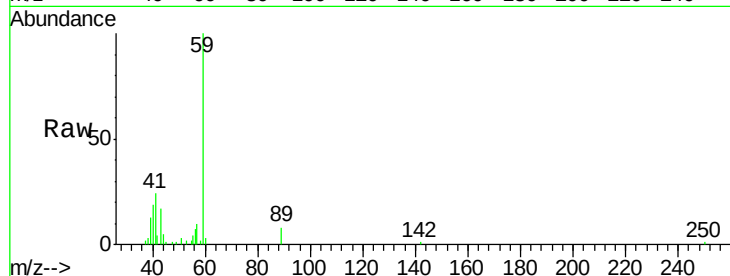
Tert butyl alcohol
Concen: 197.914 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	64149		
57	57	4.9		6.7	10.1#

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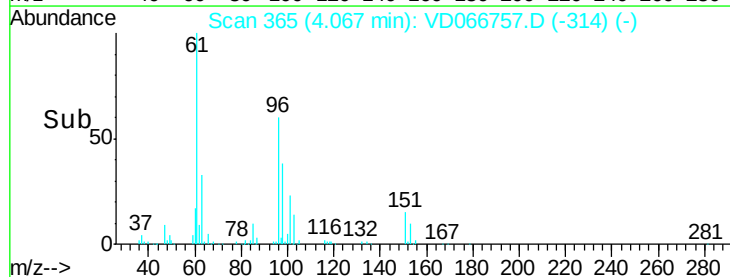
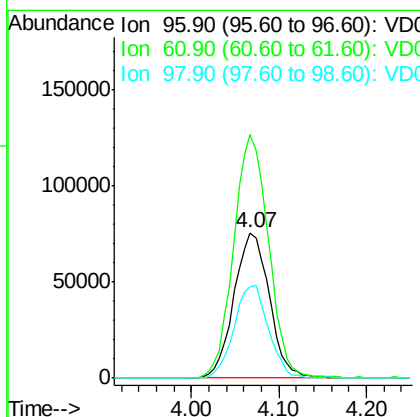
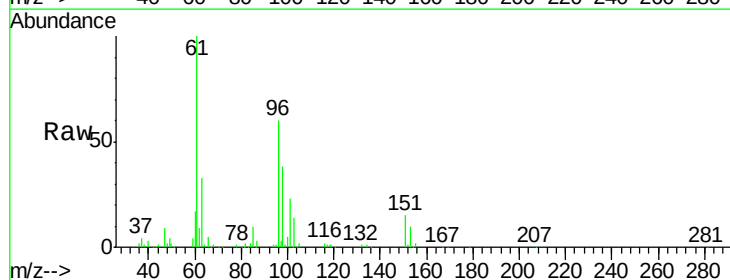
MMDadoda
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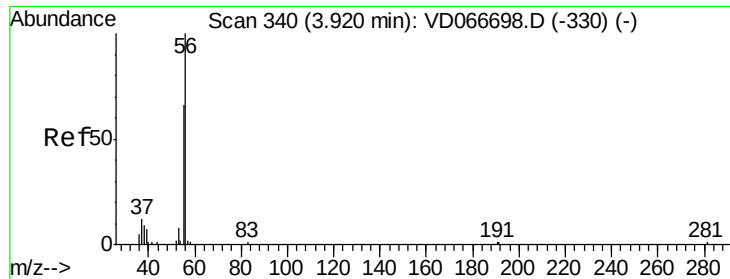


#12

1,1-Dichloroethene
Concen: 47.498 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	207390		
61	61	167.2		131.9	197.9
98	98	63.1		49.1	73.7





#13

Acrolein

Concen: 243.039 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79805

Ion Ratio Lower Upper

56 100

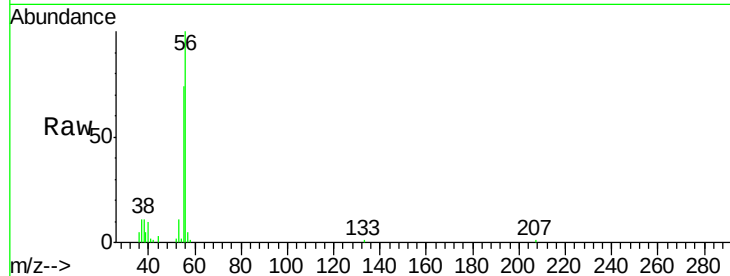
55 72.1 54.7 82.1

Manual Integrations

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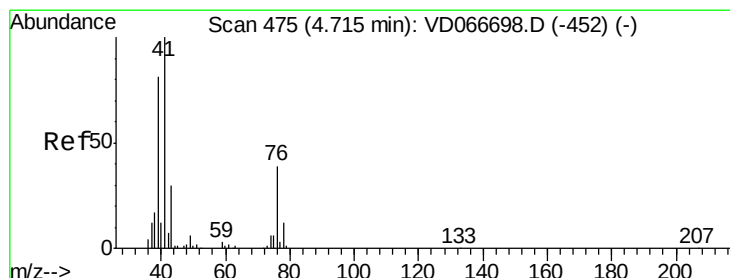
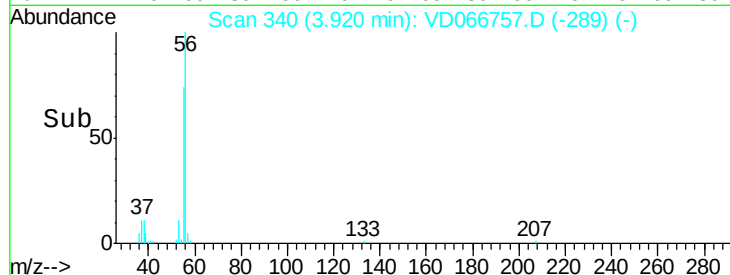
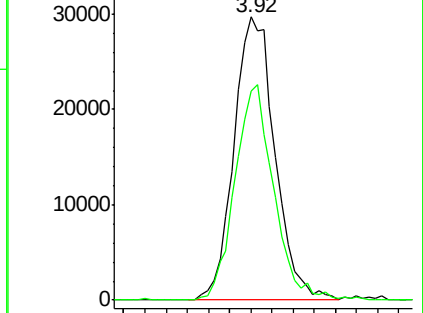
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.001 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

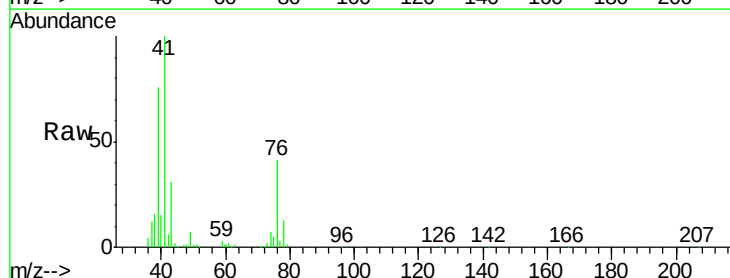
Tgt Ion: 41 Resp: 329580

Ion Ratio Lower Upper

41 100

39 73.2 60.6 90.8

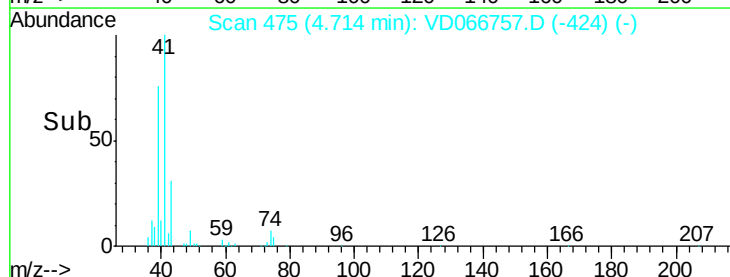
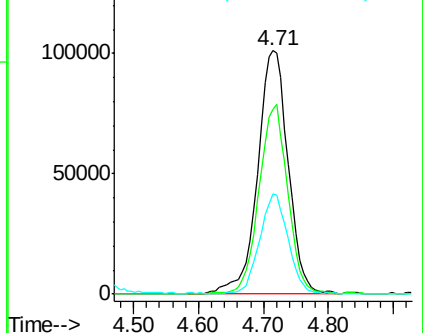
76 38.4 29.2 43.8

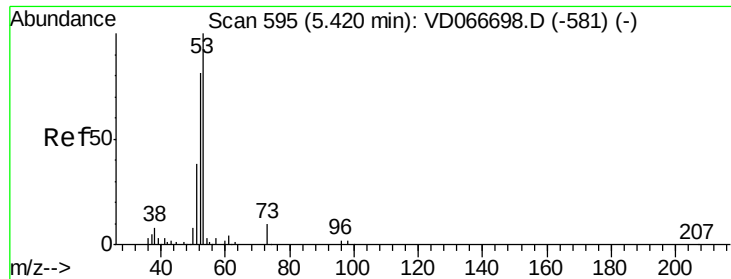


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 240.762 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

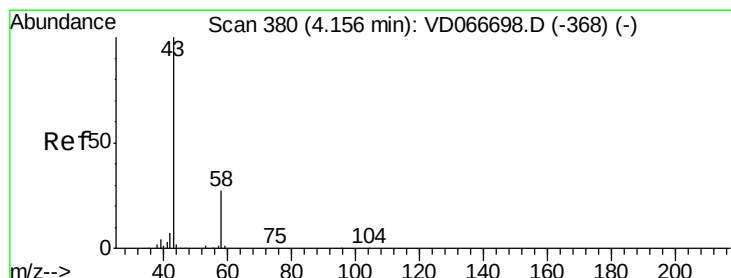
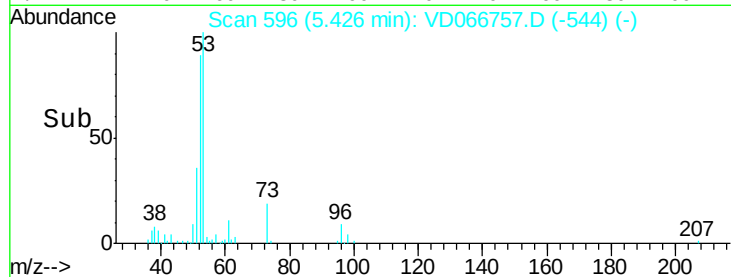
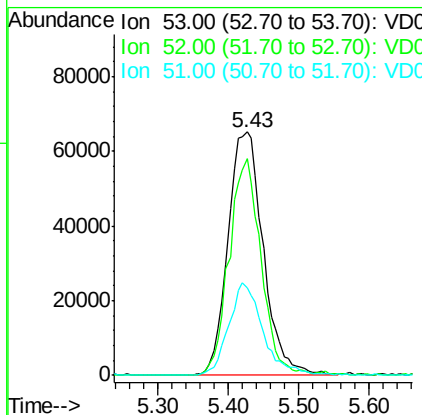
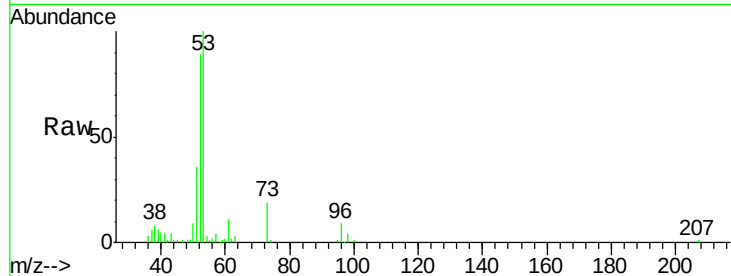
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	226705
Ion Ratio		Lower	Upper
53	100		
52	80.2	66.6	99.8
51	36.5	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 282.669 ug/l

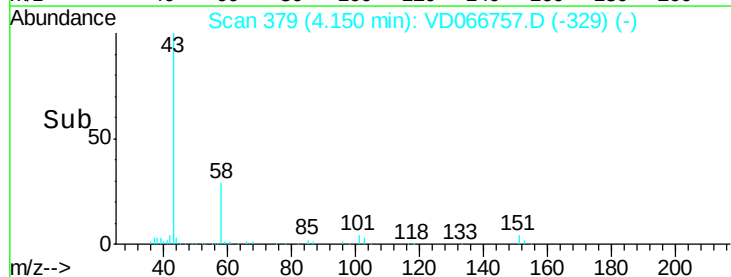
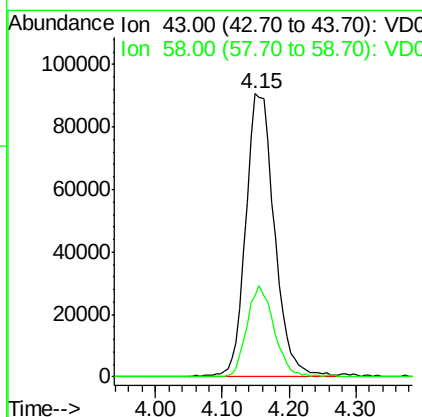
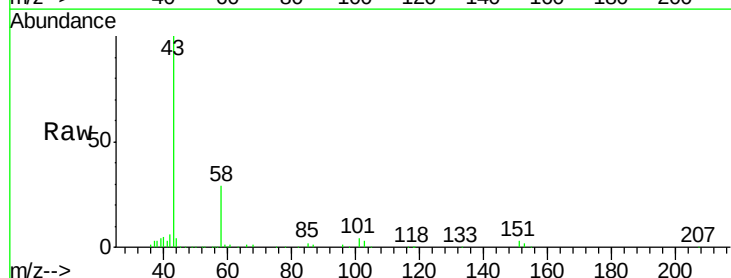
RT: 4.15 min Scan# 379

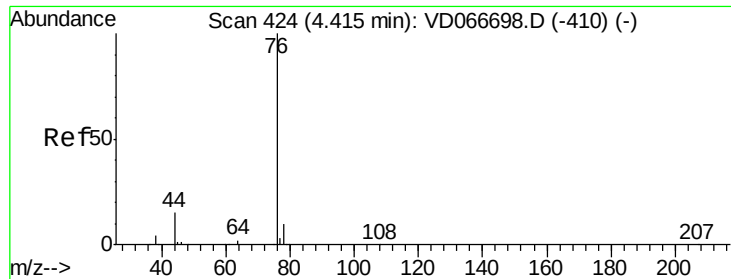
Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	43	Resp:	267998
Ion Ratio		Lower	Upper
43	100		
58	28.6	21.9	32.9





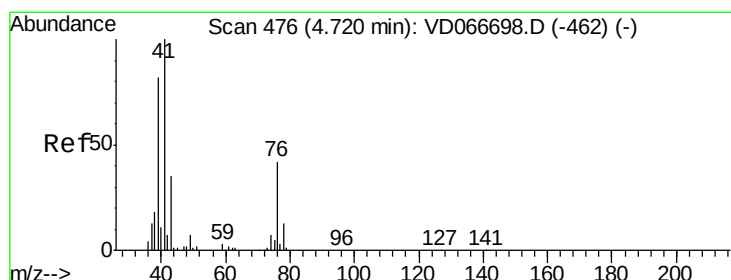
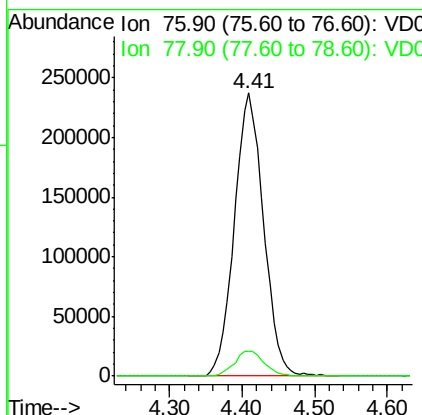
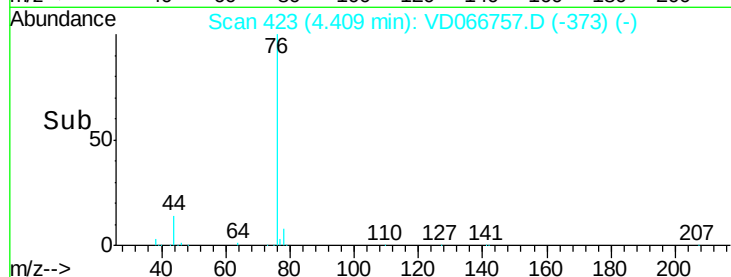
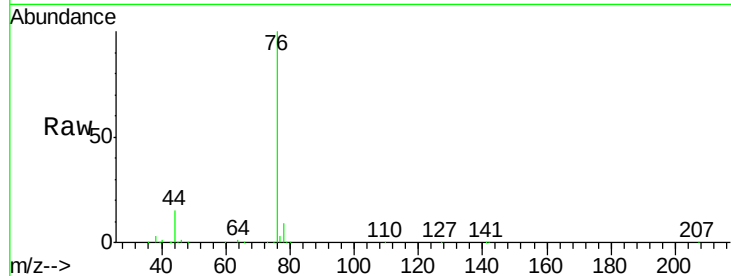
#17
Carbon Disulfide
Concen: 48.310 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	8.0	12.0

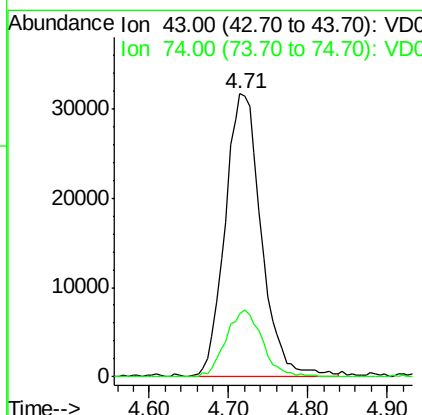
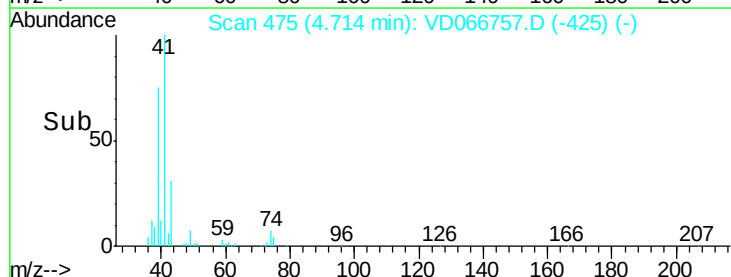
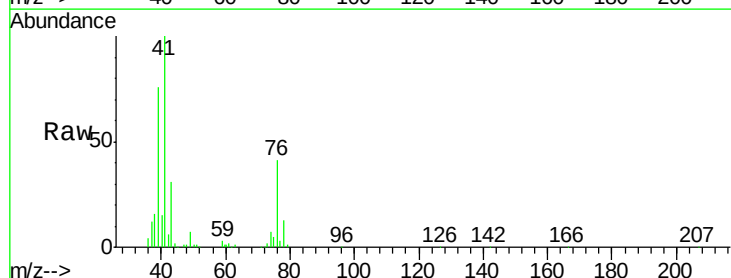
Manual Integrations
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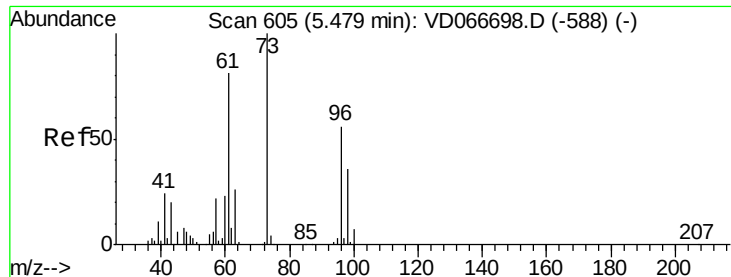
MMDadoda
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#18
Methyl Acetate
Concen: 49.396 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.6	28.0





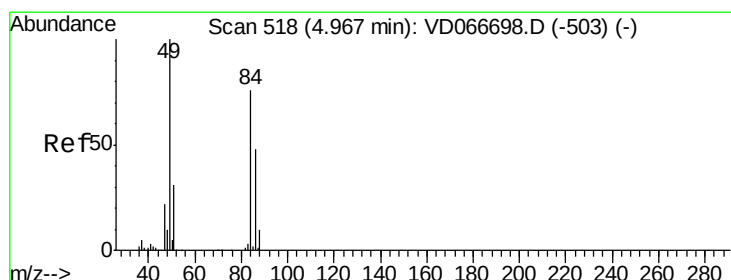
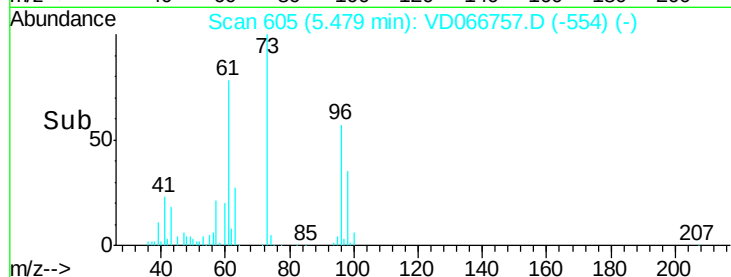
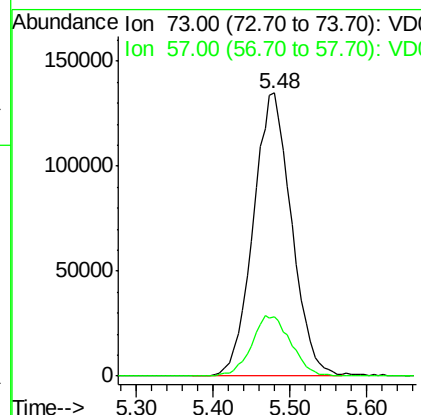
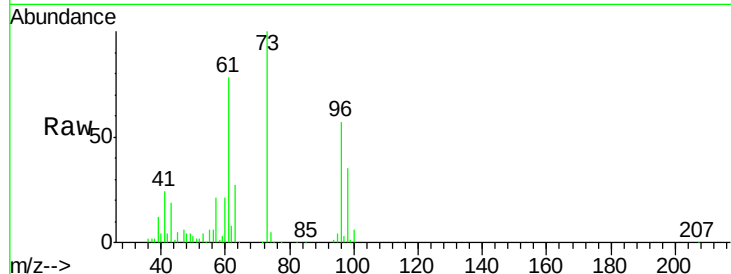
#19
Methyl tert-butyl Ether
Concen: 48.088 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 467678
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6

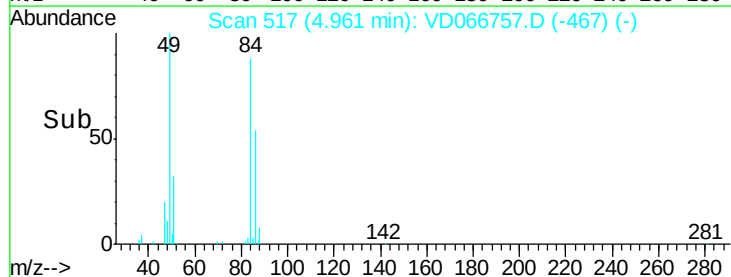
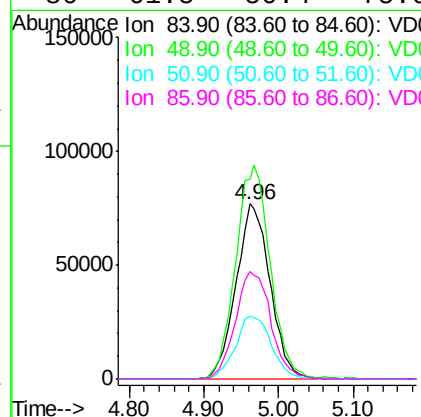
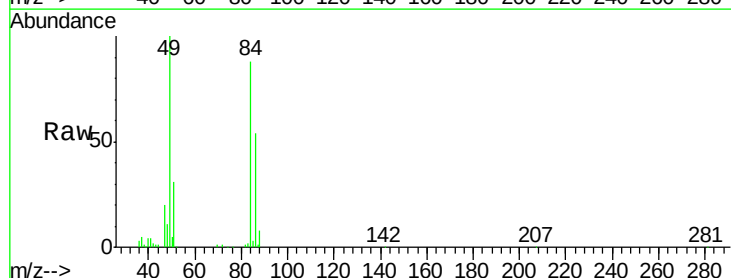
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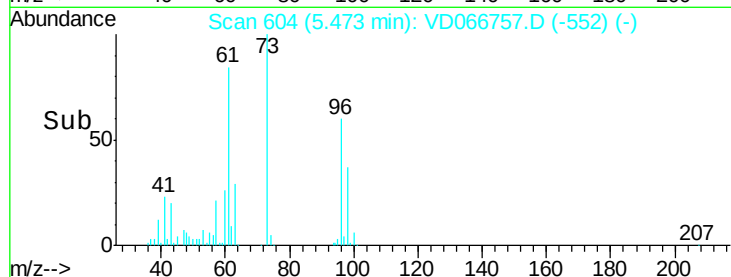
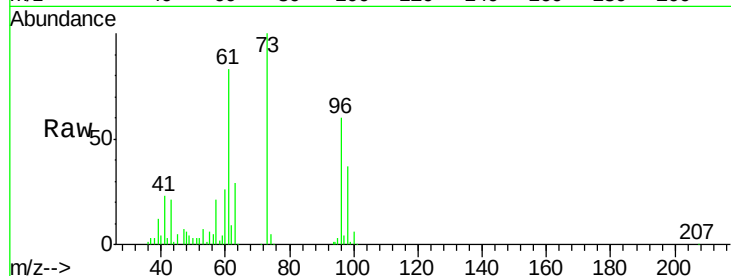
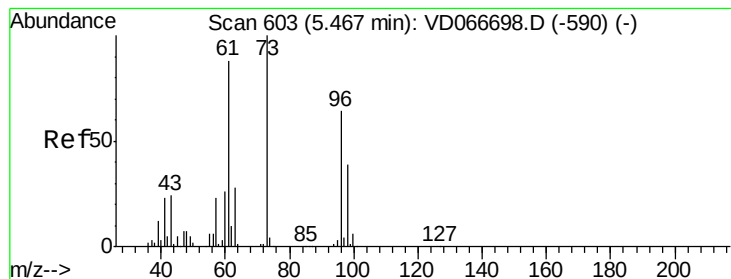
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#20
Methylene Chloride
Concen: 47.502 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 84 Resp: 243964
Ion Ratio Lower Upper
84 100
49 114.3 105.0 157.6
51 35.8 32.2 48.4
86 61.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 48.404 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tot Ion:	96	Resp:	246234
Ion	Ratio	Lower	Upper
96	100		
61	139.0	110.6	166.0
98	61.0	49.2	73.8

Instrument :

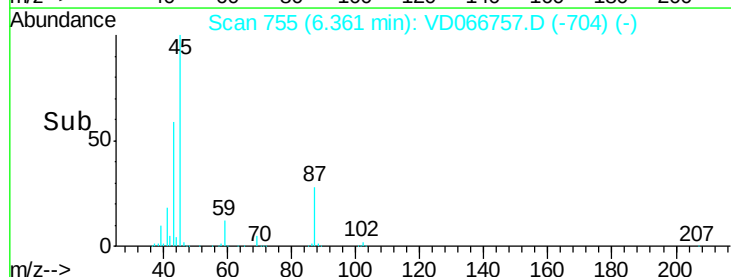
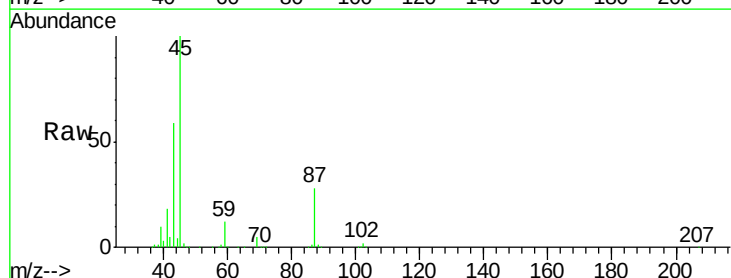
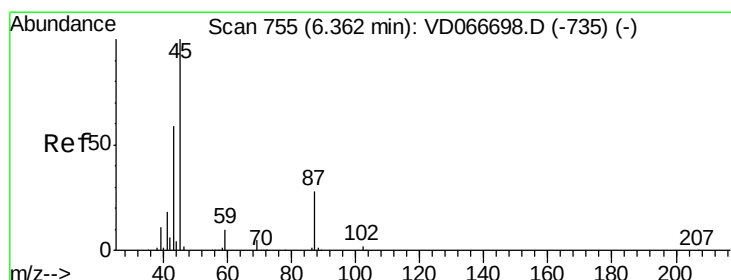
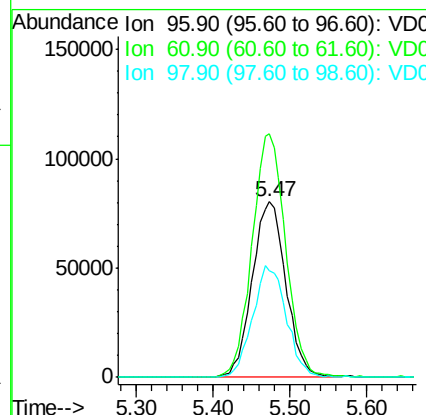
MSVOA_D

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 47.175 ug/l

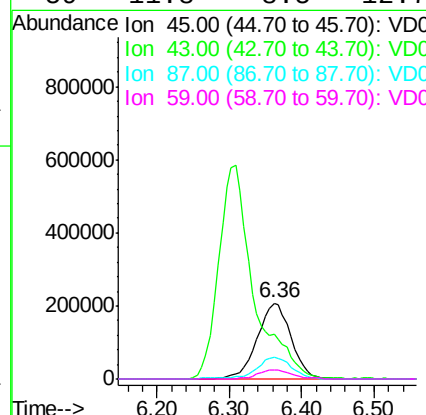
RT: 6.36 min Scan# 755

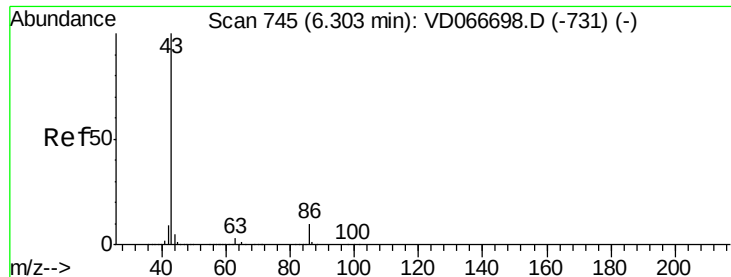
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	45	Resp:	672153
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.9	70.3
87	28.1	22.4	33.6
59	11.8	8.5	12.7





#23

Vinyl Acetate

Concen: 247.090 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1958311

Ion Ratio Lower Upper

43 100

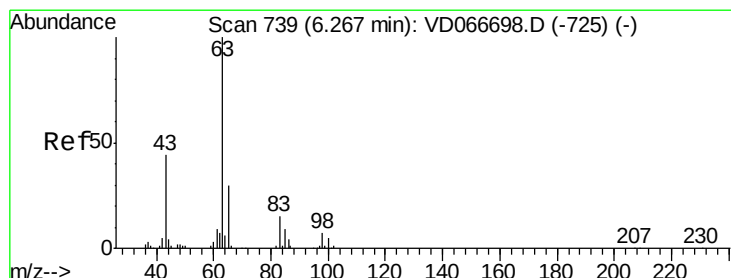
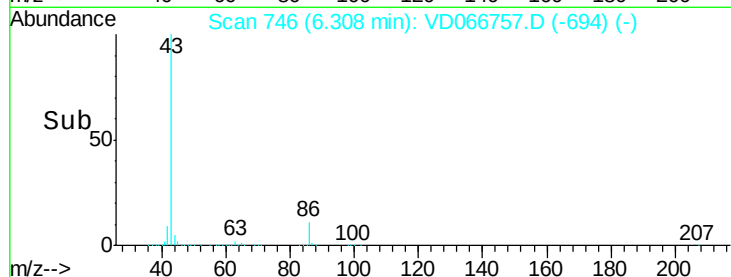
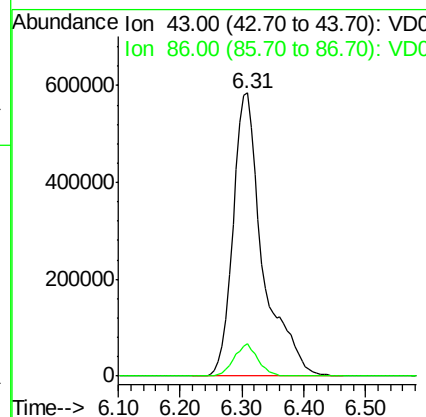
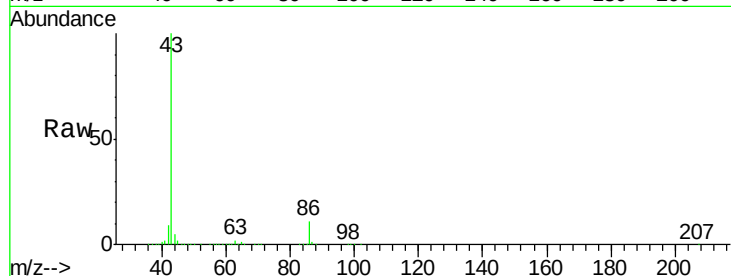
86 11.3 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.094 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

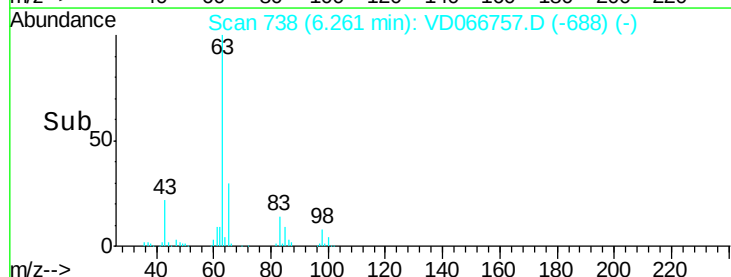
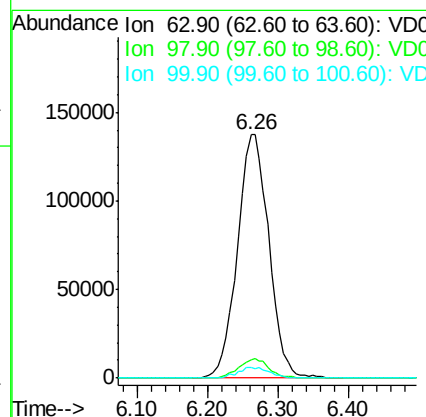
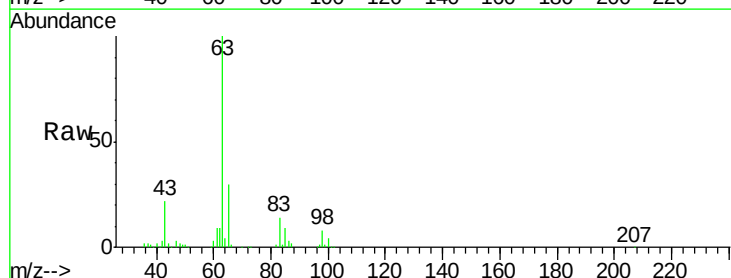
Tgt Ion: 63 Resp: 425797

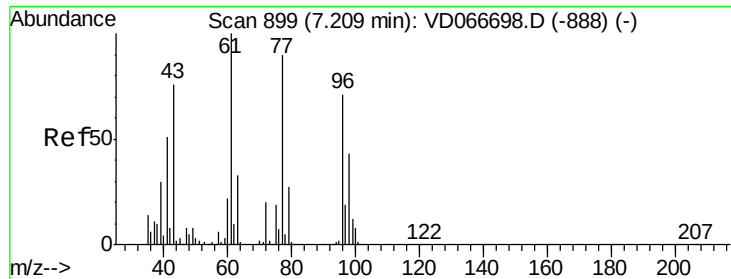
Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.2 2.6 8.0





#25

2-Butanone

Concen: 248.281 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 306518

Ion Ratio Lower Upper

43 100

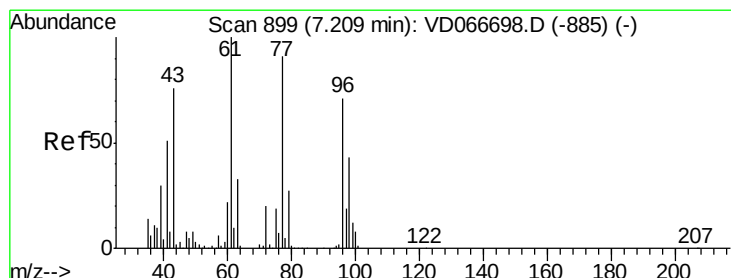
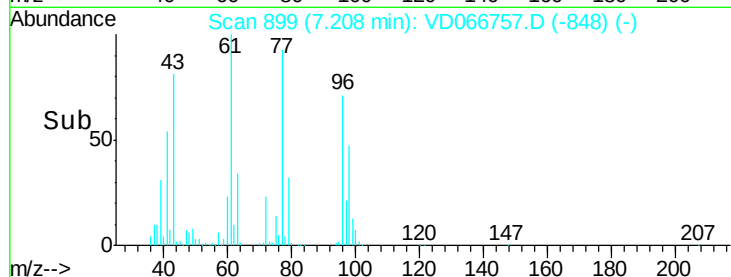
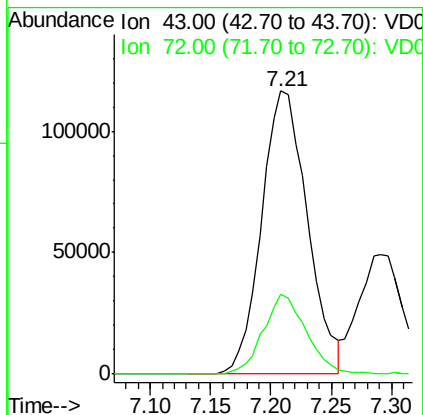
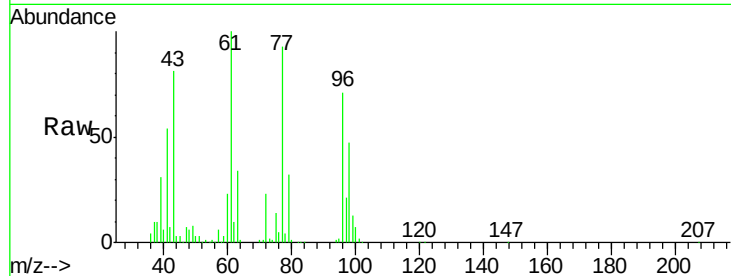
72 28.0 21.0 31.4

Manual Integrations

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MMDadoda

9/21/2020 11:48:52 AM



#26

2,2-Dichloropropane

Concen: 46.985 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066757.D

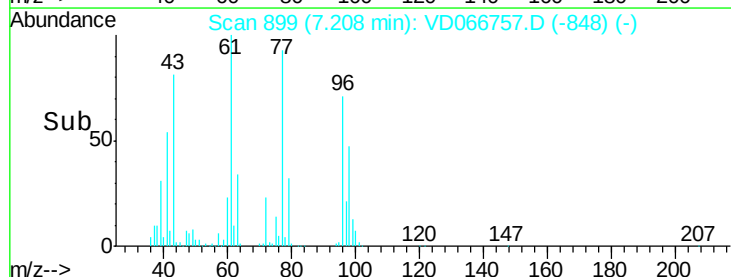
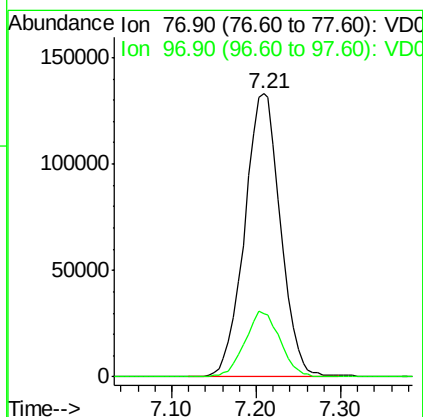
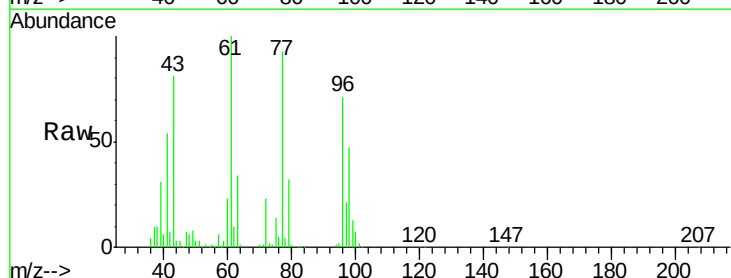
Acq: 18 Sep 2020 11:06

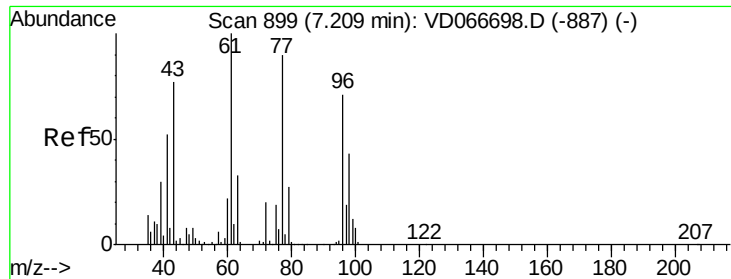
Tgt Ion: 77 Resp: 392833

Ion Ratio Lower Upper

77 100

97 22.8 10.6 31.8





#27

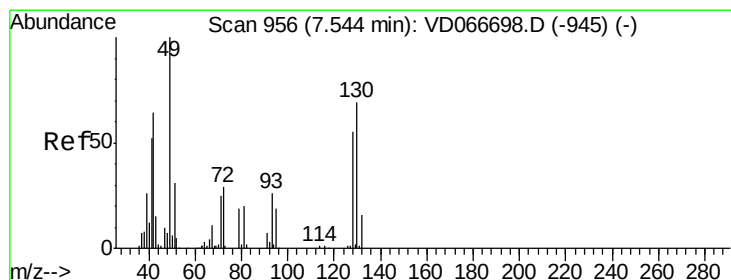
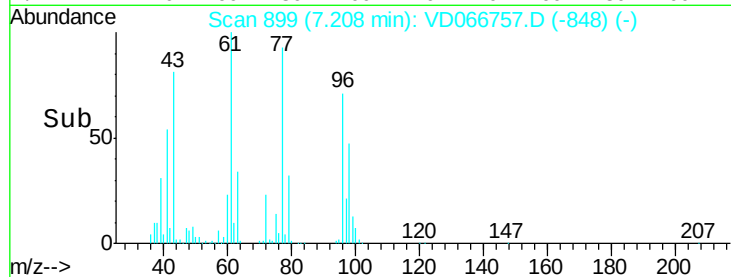
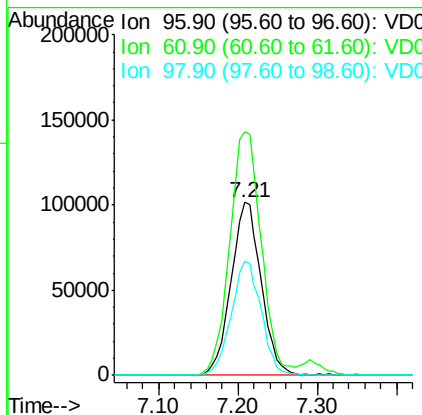
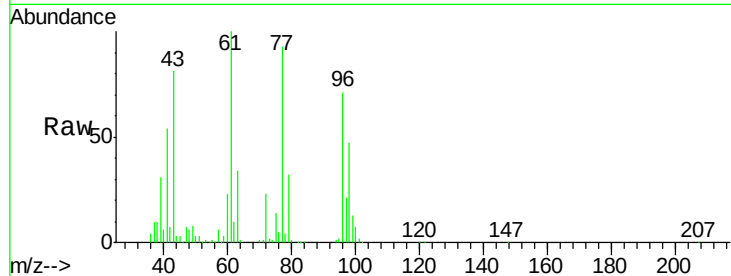
cis-1,2-Dichloroethene
 Concen: 48.133 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	267872		
61	147.4	0.0	292.4	
98	65.4	0.0	127.0	

Manual Integrations
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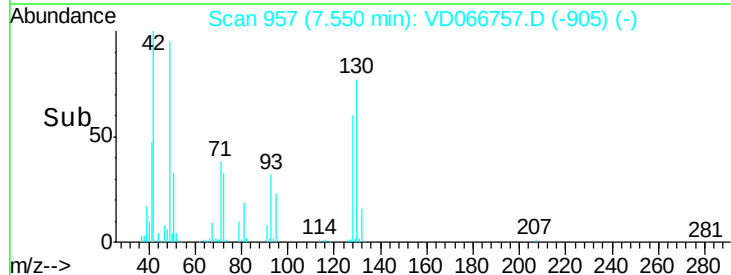
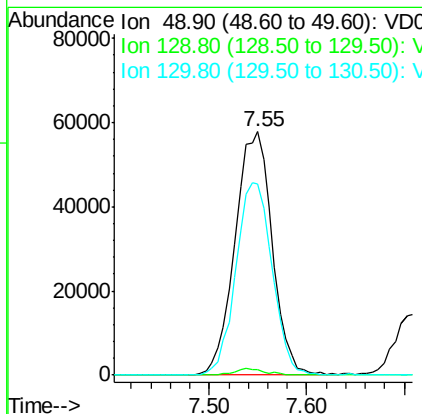
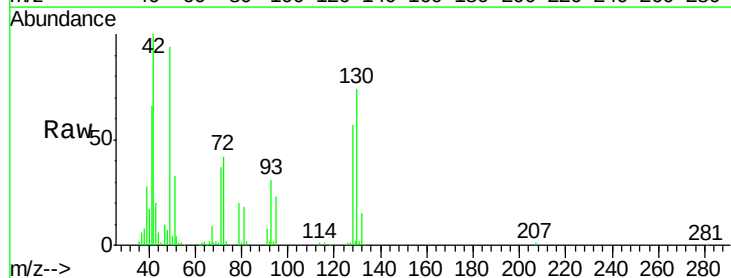
MMDadoda
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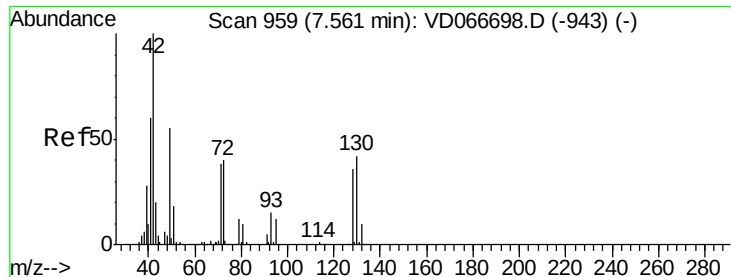


#28

Bromochloromethane
 Concen: 45.566 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153881		
129	1.9	0.0	3.8	
130	77.3	58.6	88.0	





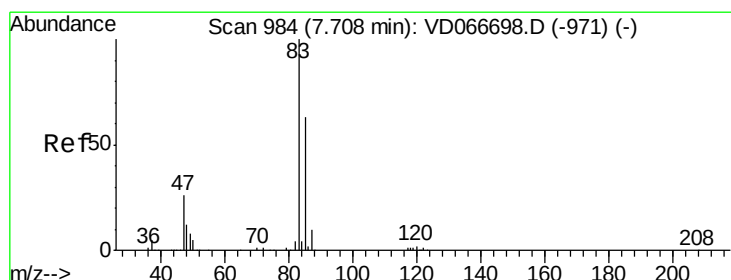
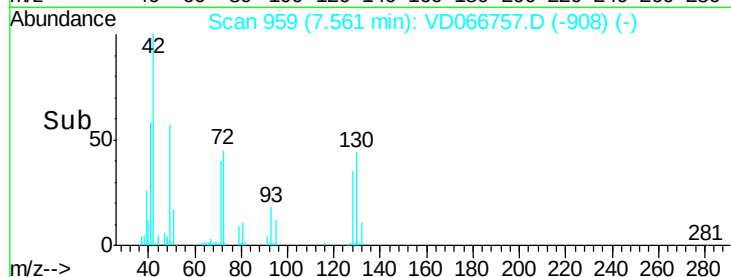
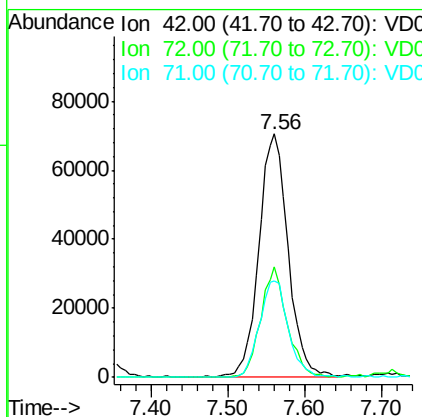
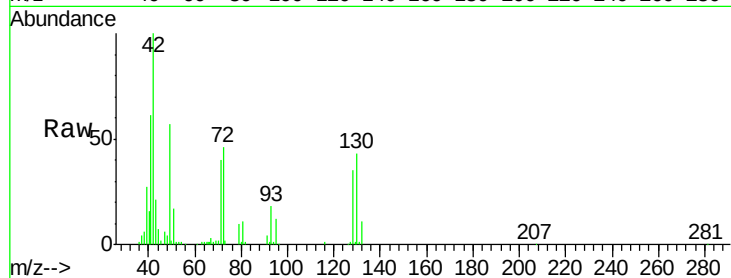
#29
Tetrahydrofuran
Concen: 247.655 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.6	48.8
71	39.2	30.6	45.8

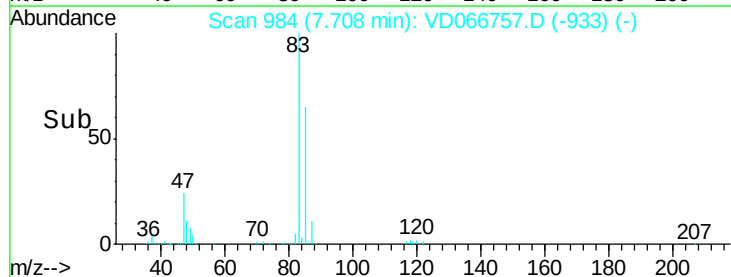
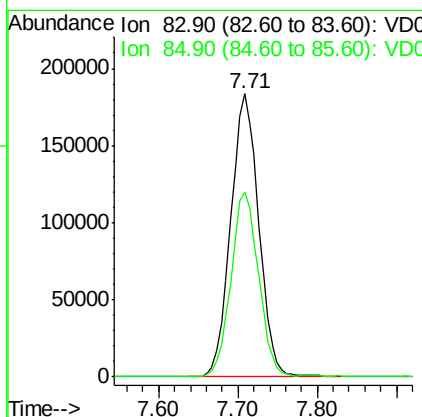
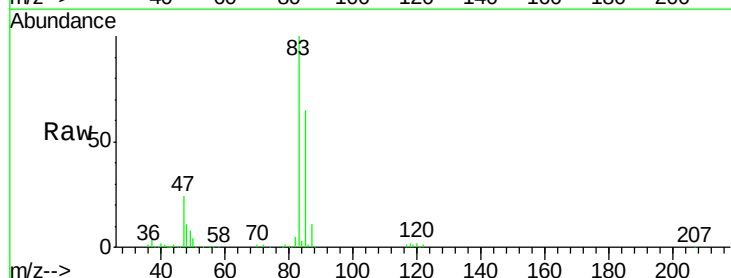
Manual Integrations
APPROVED

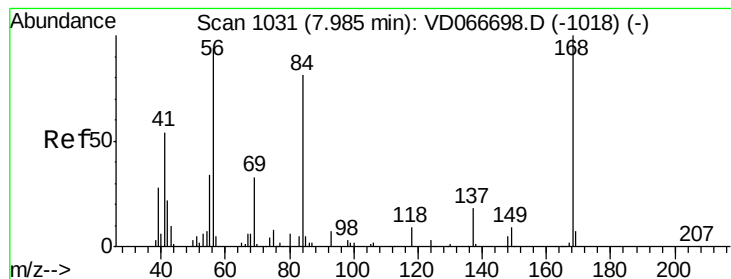
MMDadoda
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#30
Chloroform
Concen: 46.552 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.6	76.0





#31

Cyclohexane

Concen: 46.193 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

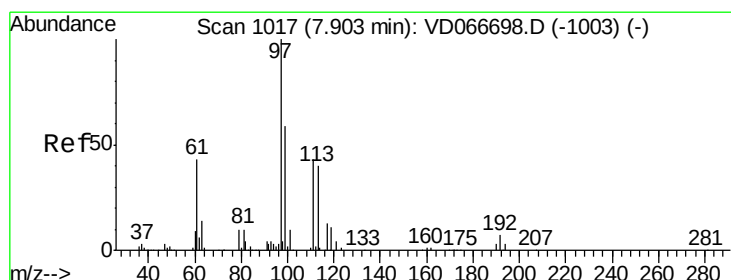
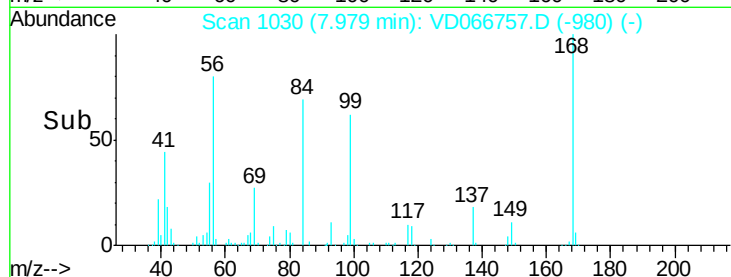
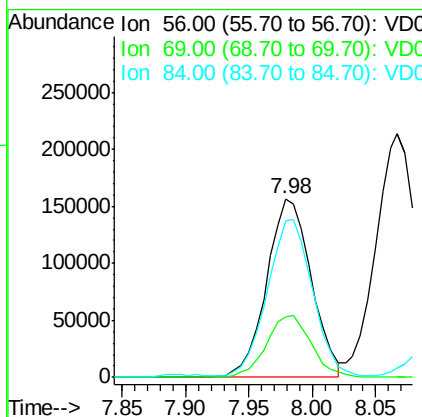
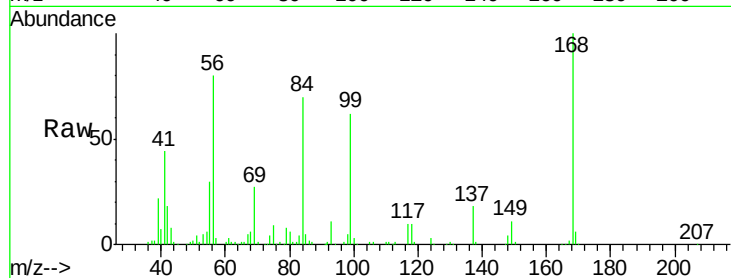
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	379897
Ion Ratio		Lower	Upper
56	100		
69	34.3	27.7	41.5
84	86.8	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.111 ug/l

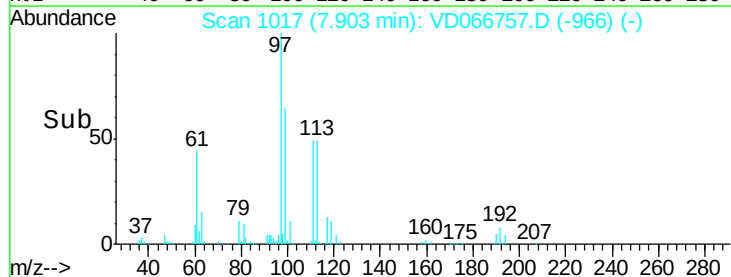
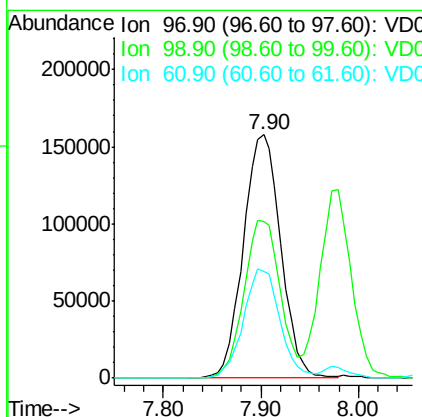
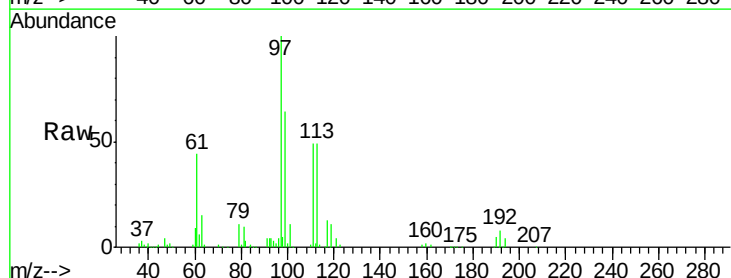
RT: 7.90 min Scan# 1017

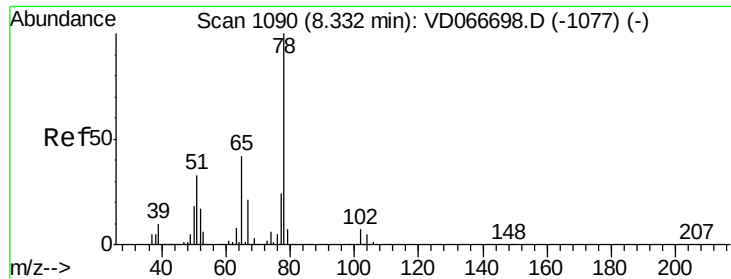
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	97	Resp:	423640
Ion Ratio		Lower	Upper
97	100		
99	63.0	51.0	76.4
61	43.6	35.2	52.8





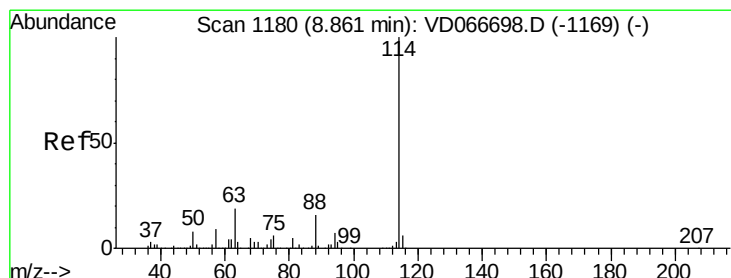
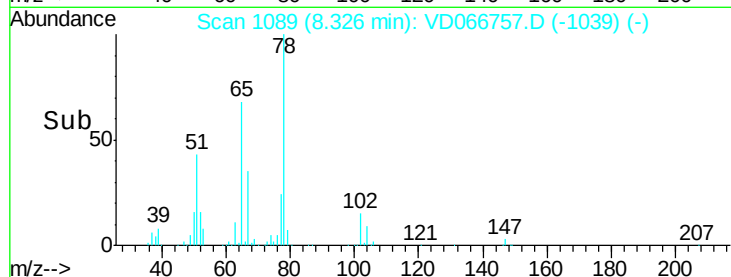
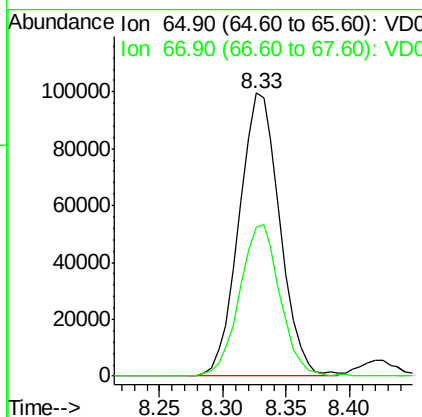
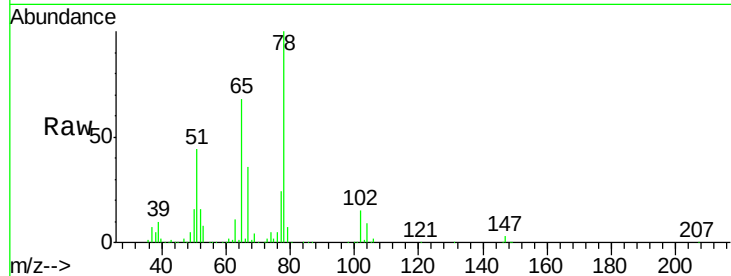
#33
 1,2-Dichloroethane-d4
 Concen: 47.882 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222930		
67	53.1	0.0	102.2	

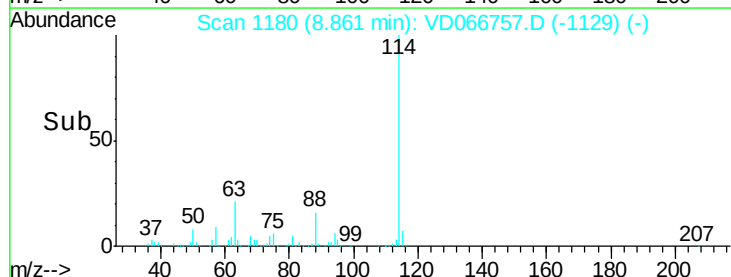
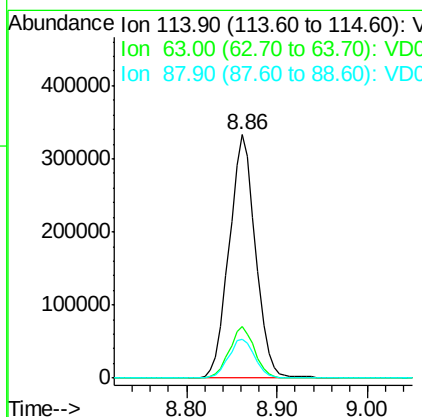
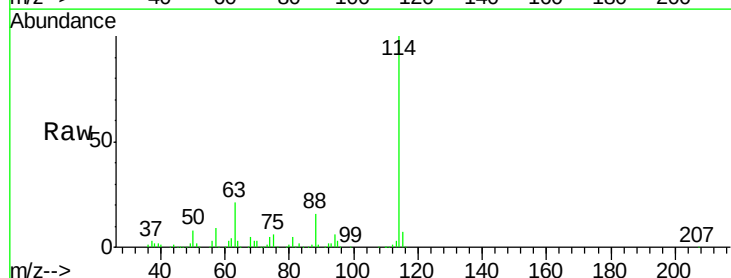
Manual Integrations
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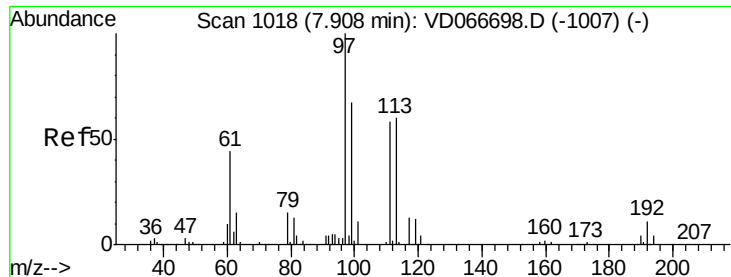
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	672473		
63	21.0	0.0	37.6	
88	15.7	0.0	32.2	





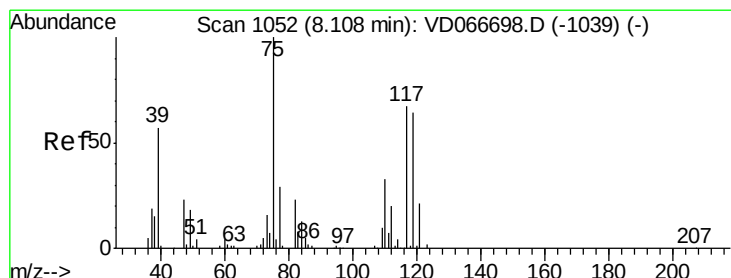
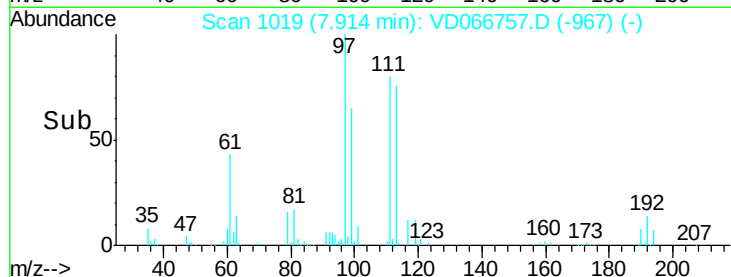
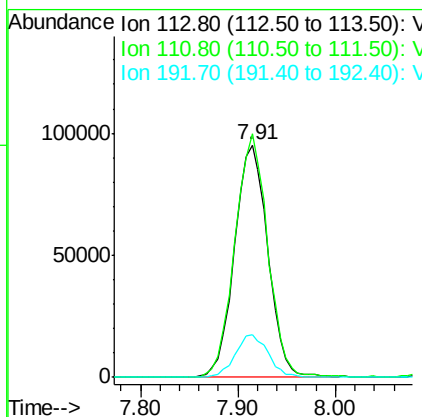
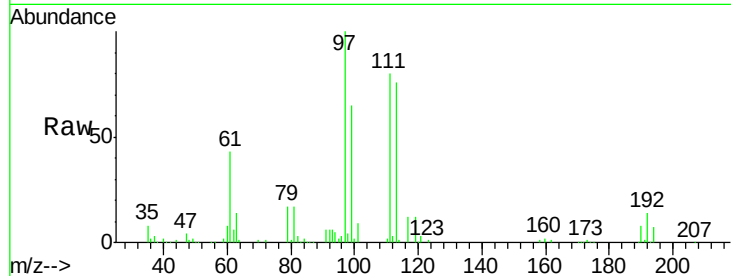
#35
 Dibromofluoromethane
 Concen: 54.798 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	225926		
111	103.7	83.2	124.8	
192	17.9	14.8	22.2	

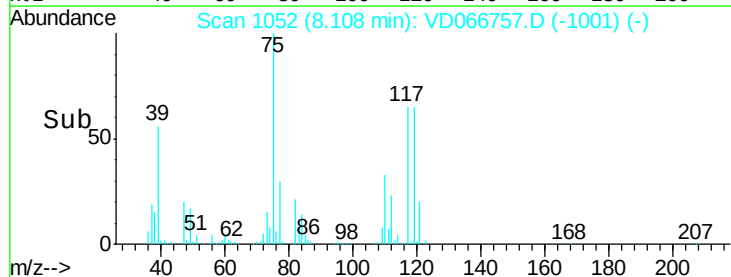
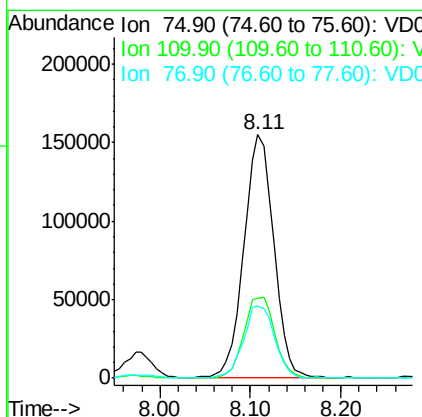
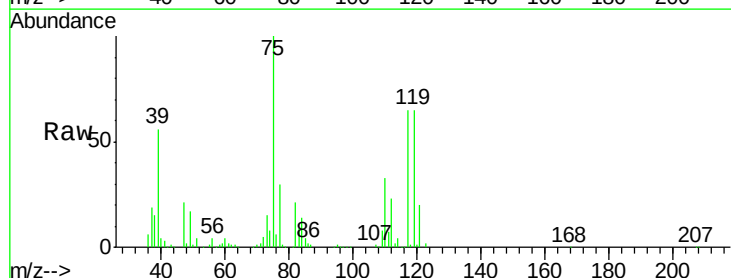
Manual Integrations
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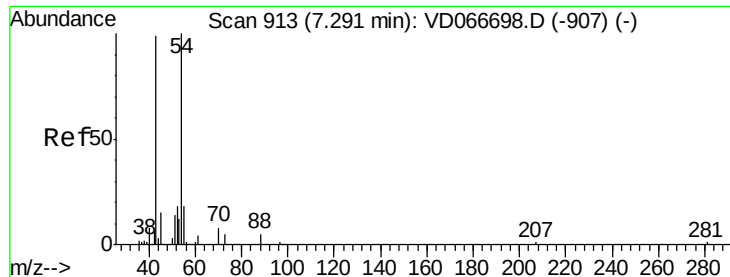
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#36
 1,1-Dichloropropene
 Concen: 51.370 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	355167		
110	34.7	17.1	51.2	
77	31.3	25.0	37.6	





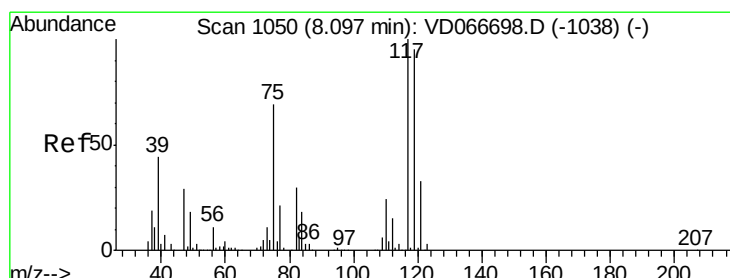
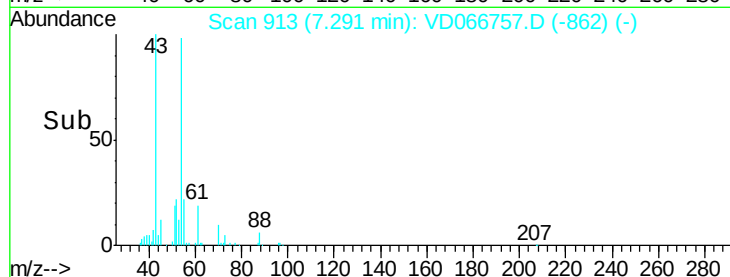
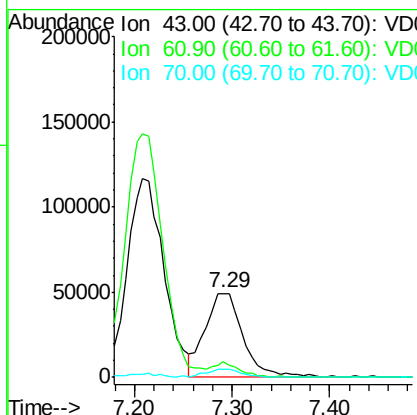
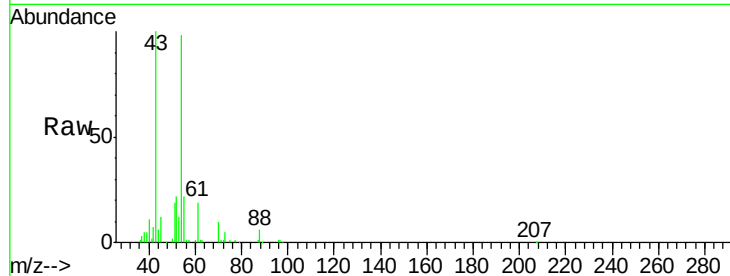
#37
Ethyl Acetate
Concen: 50.643 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	132556
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.4	15.6
70	9.9	7.5	11.3

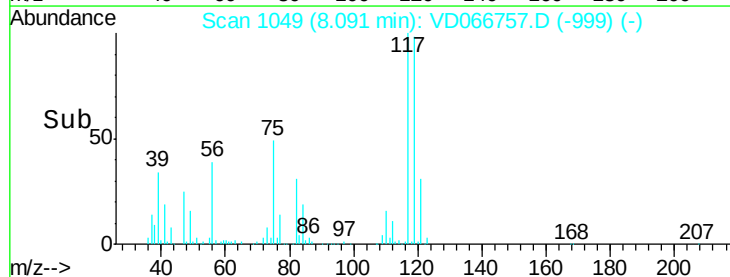
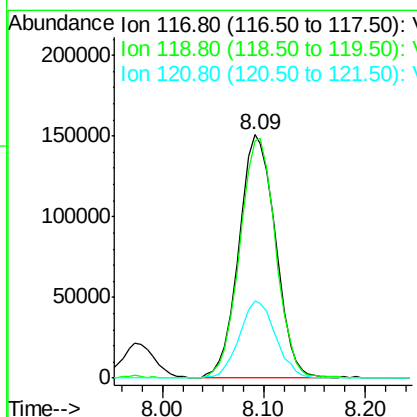
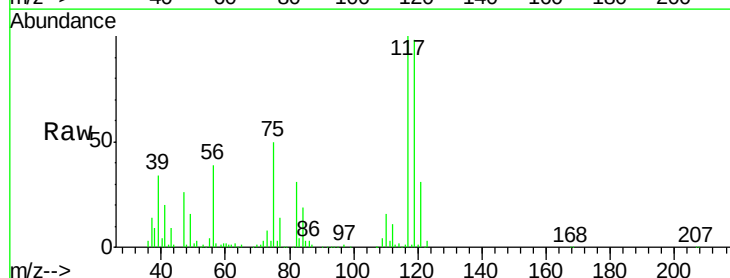
Manual Integrations
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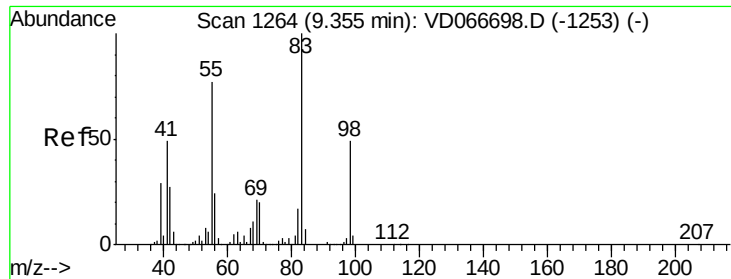
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#38
Carbon Tetrachloride
Concen: 51.310 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	117	Resp	376730
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.6
121	31.5	26.2	39.4





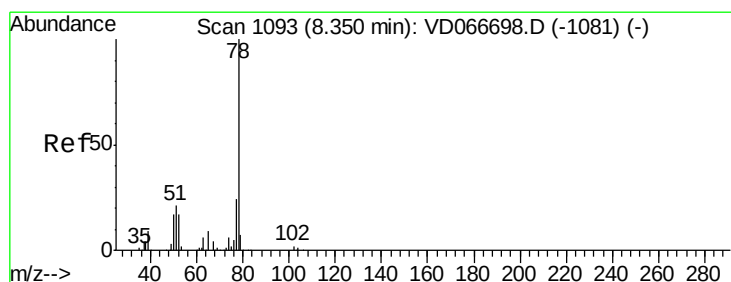
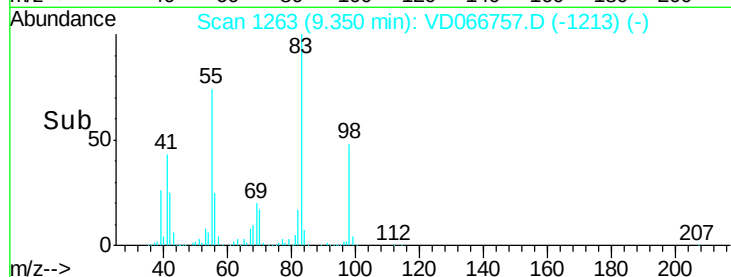
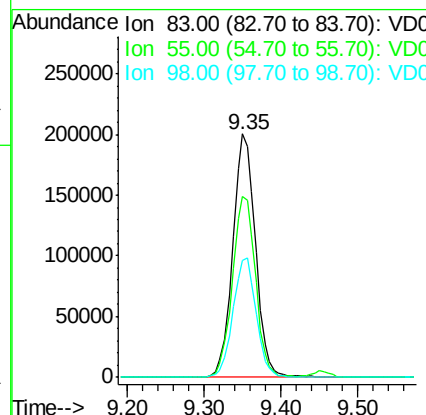
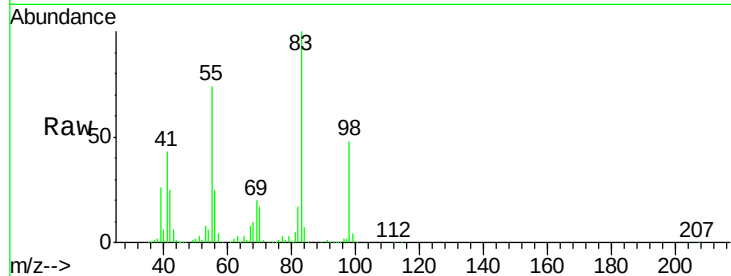
#39
Methylvlcyclohexane
Concen: 52.354 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.5	92.3
98	47.8	39.3	58.9

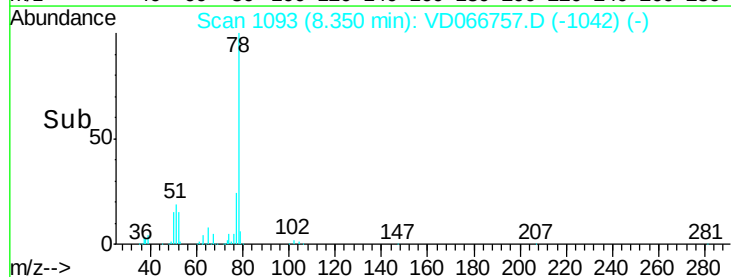
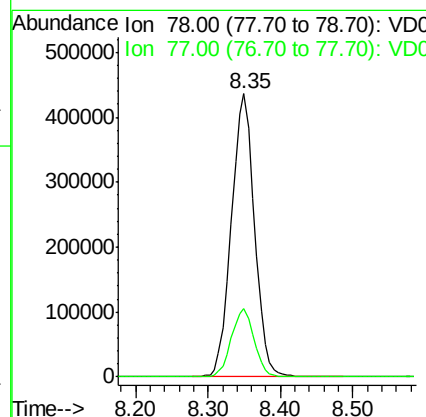
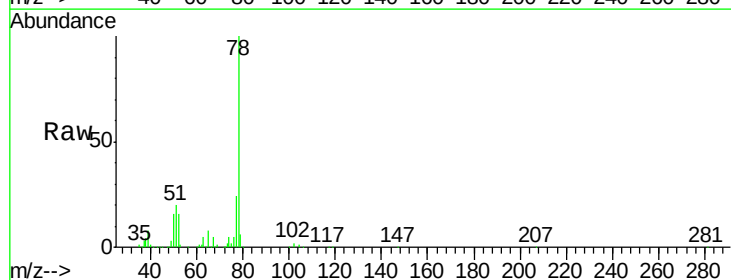
Manual Integrations
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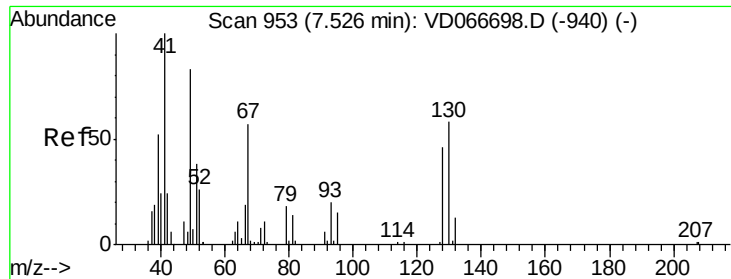
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#40
Benzene
Concen: 51.763 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





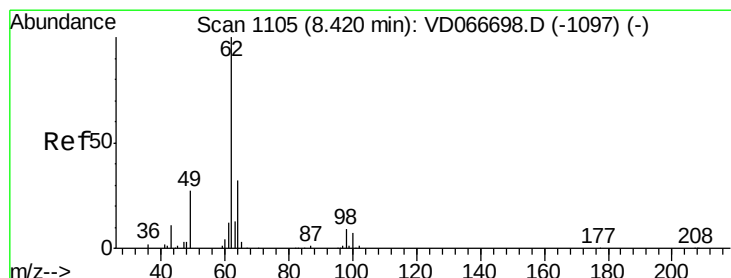
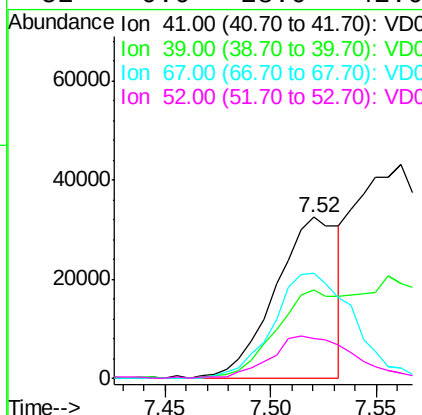
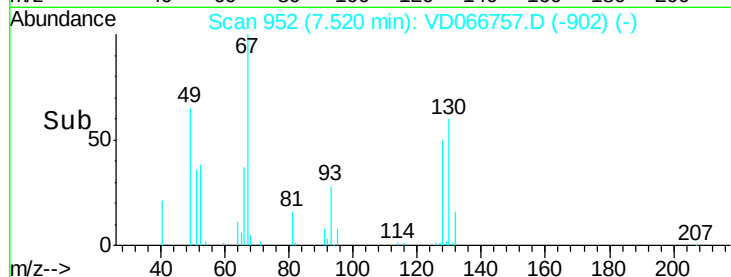
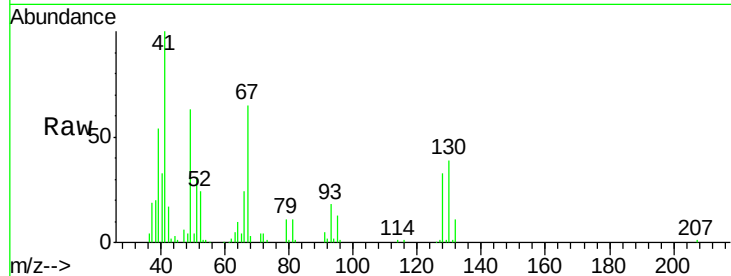
#41
Methacrylonitrile
Concen: 49.164 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
67	0.0	62.3	93.5#
52	0.0	28.0	42.0#

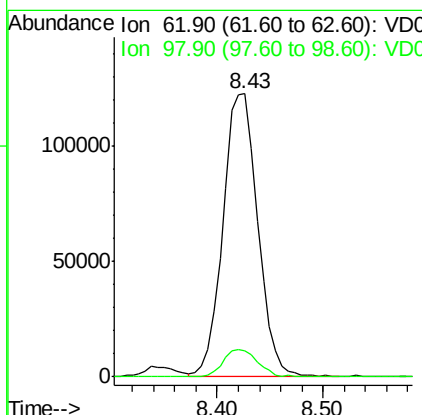
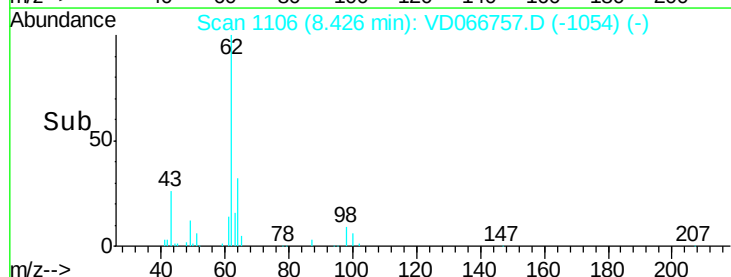
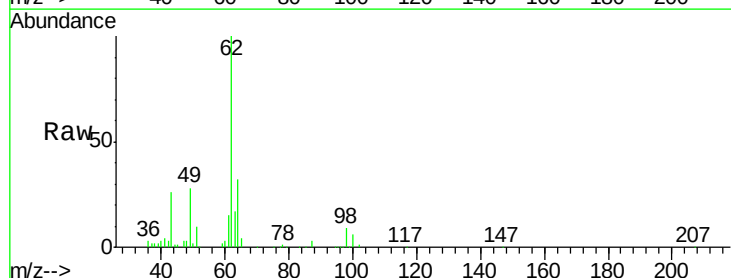
Manual Integrations
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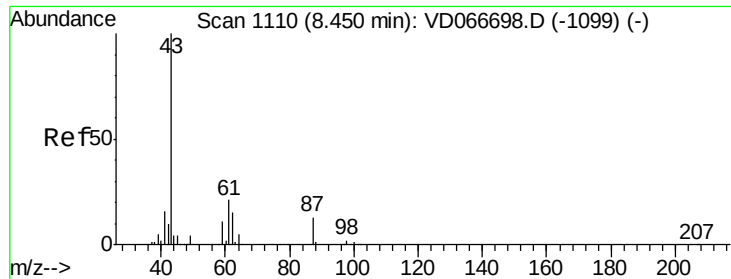
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.147 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.969 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

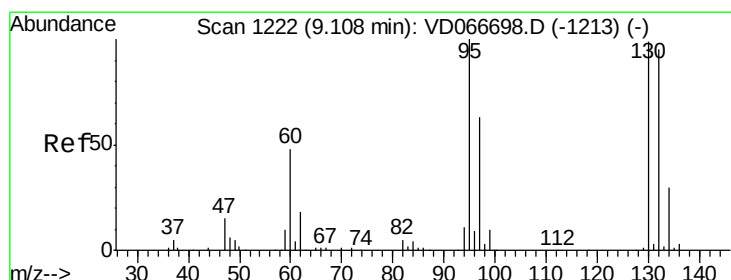
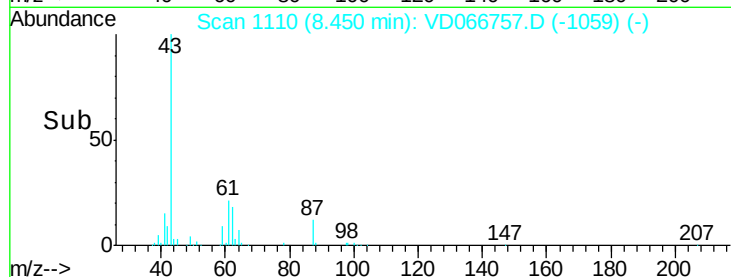
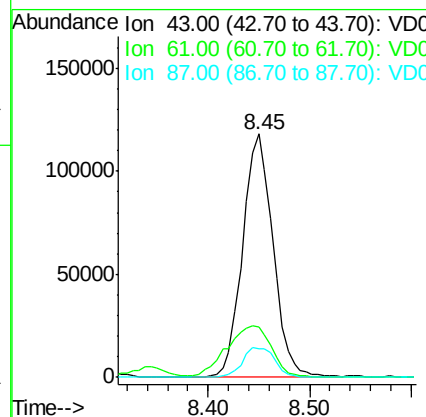
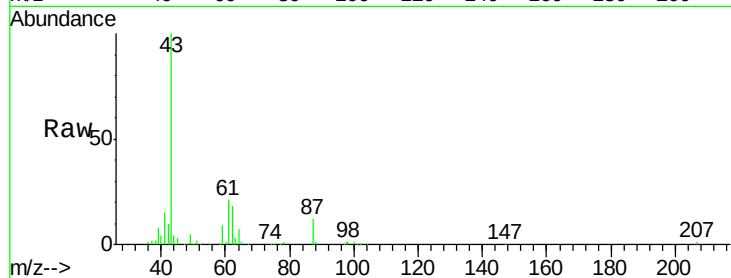
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	246181
Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.8	37.2
87	13.1	10.4	15.6

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#44

Trichloroethene

Concen: 52.471 ug/l

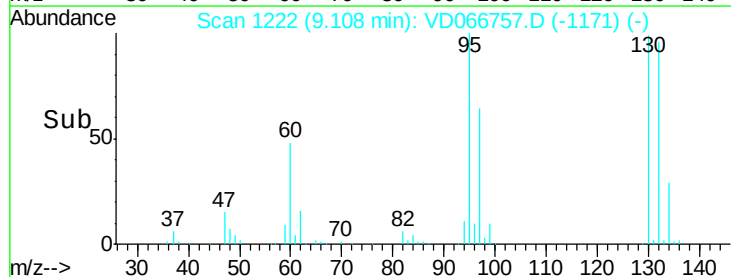
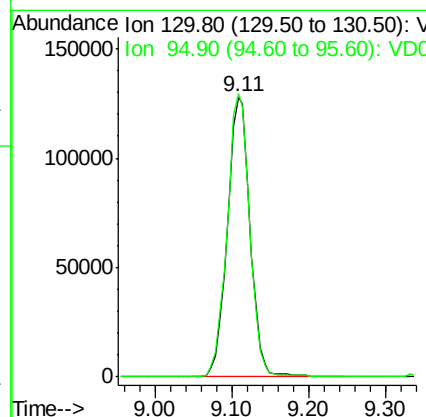
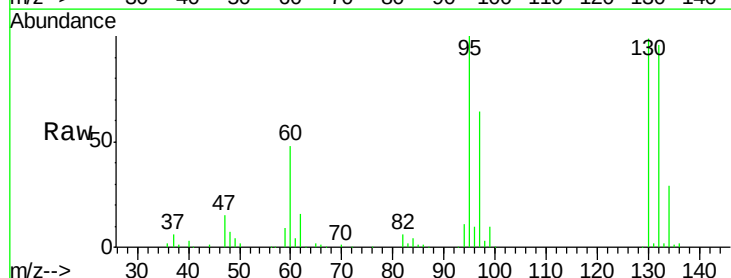
RT: 9.11 min Scan# 1222

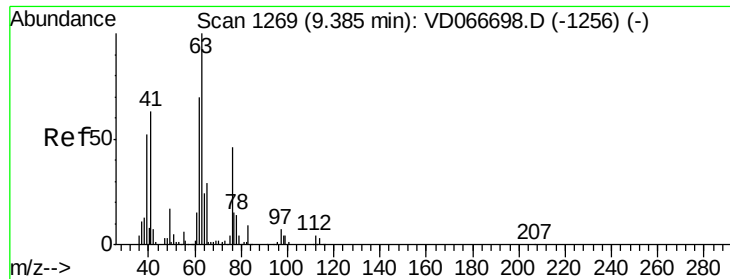
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	130	Resp:	262421
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	201.4





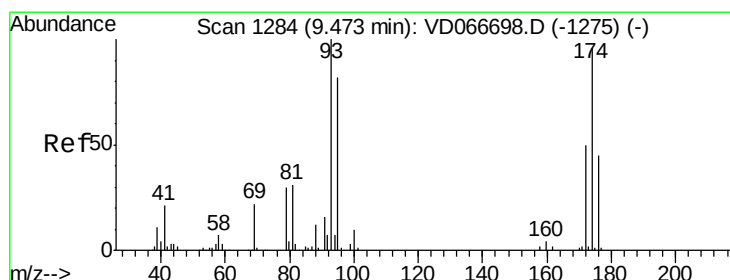
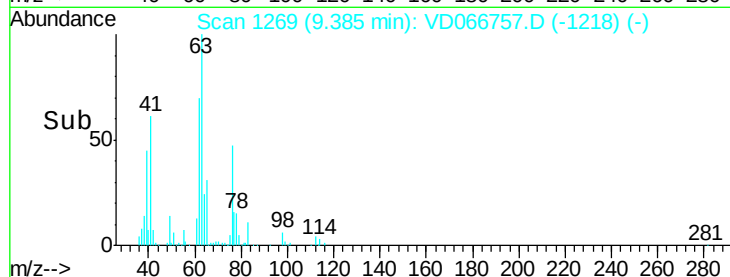
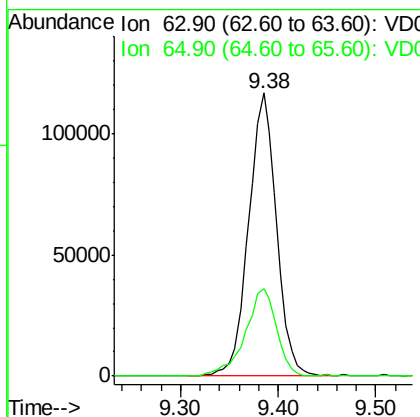
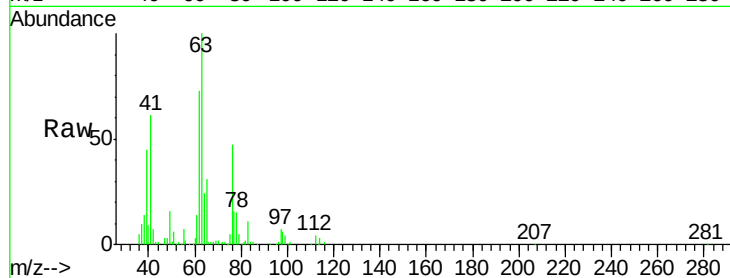
#45
 1,2-Dichloropropane
 Concen: 50.826 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.4	35.0

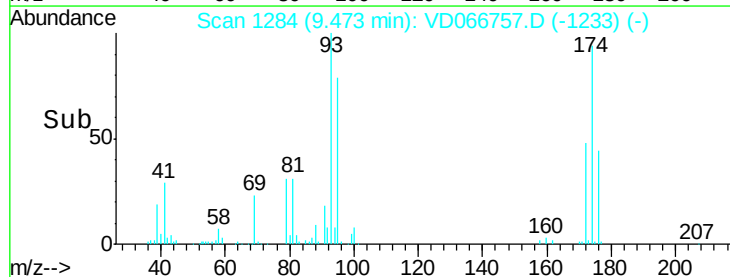
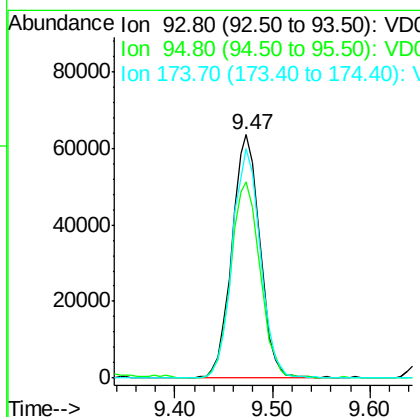
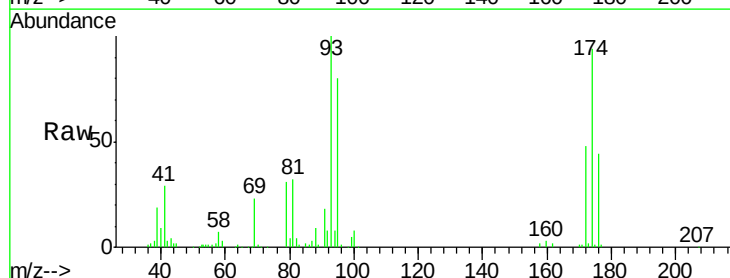
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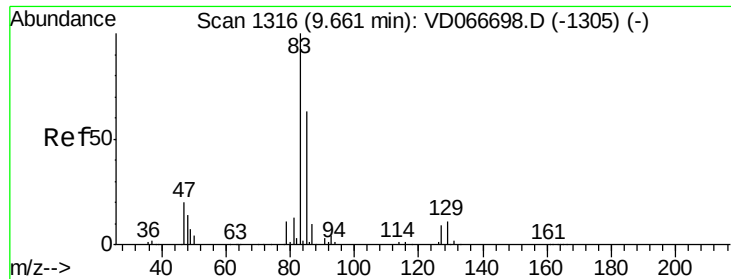
MMDadoda
 9/21/2020 11:48:52 AM



#46
 Dibromomethane
 Concen: 49.786 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.0	99.0
174	94.6	72.3	108.5





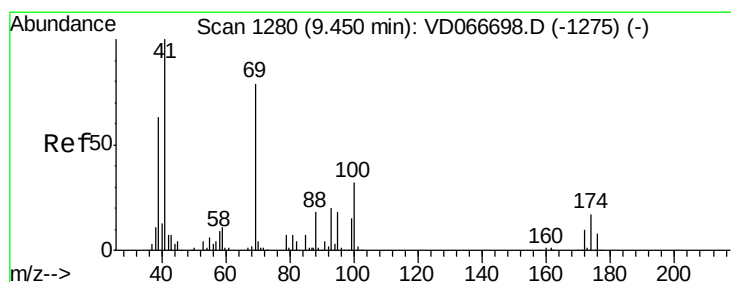
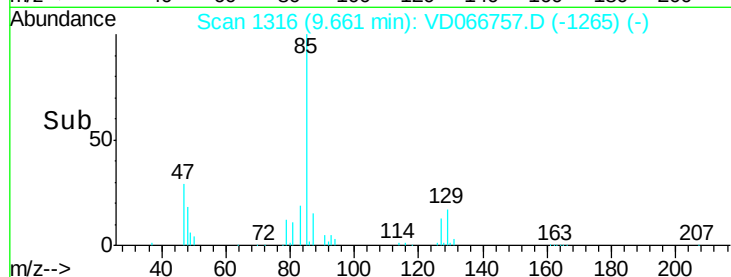
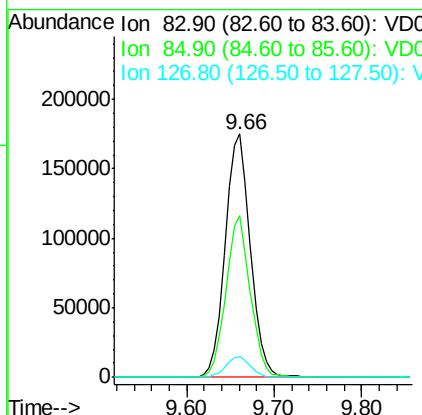
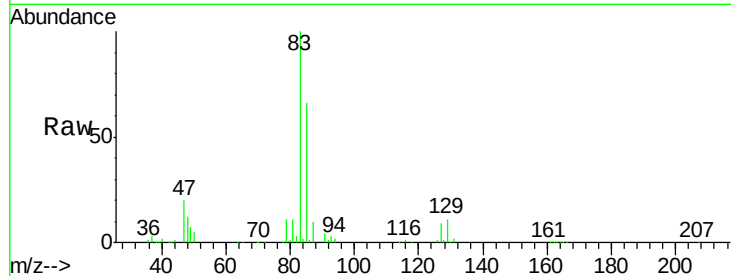
#47
Bromodichloromethane
Concen: 49.653 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	343804		
85	66.4	50.1	75.1	
127	8.5	6.9	10.3	

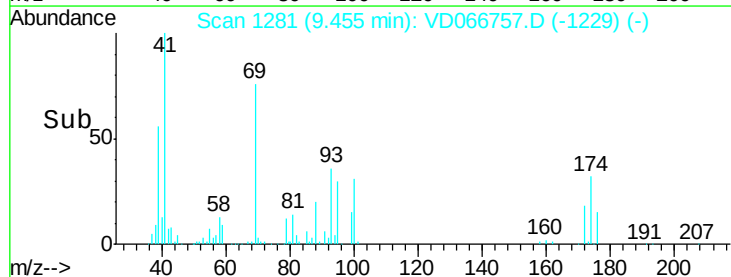
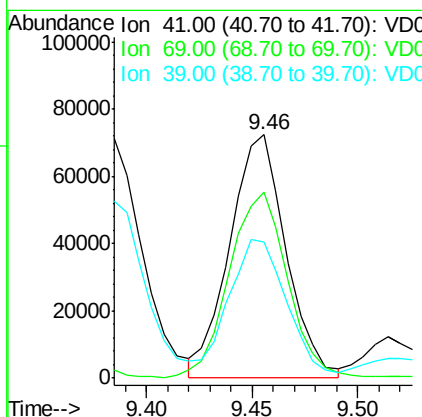
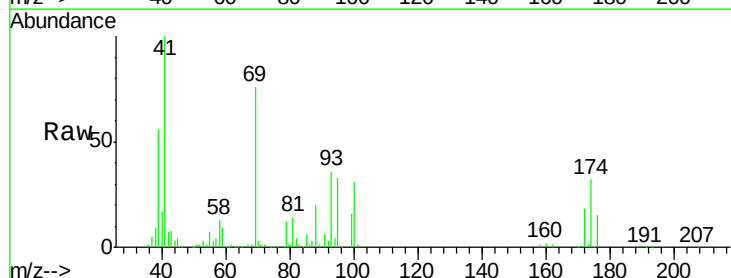
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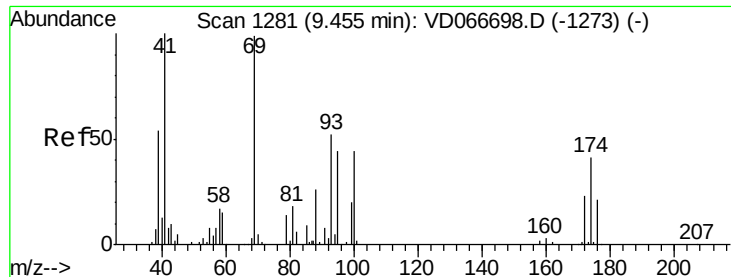
MMDadoda
9/21/2020 11:48:52 AM



#48
Methyl methacrylate
Concen: 53.279 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	133514		
69	80.5	62.4	93.6	
39	54.1	44.8	67.2	





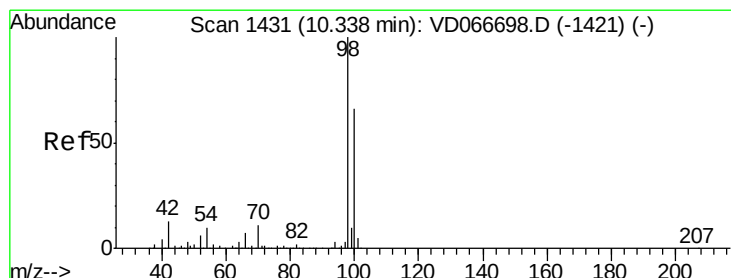
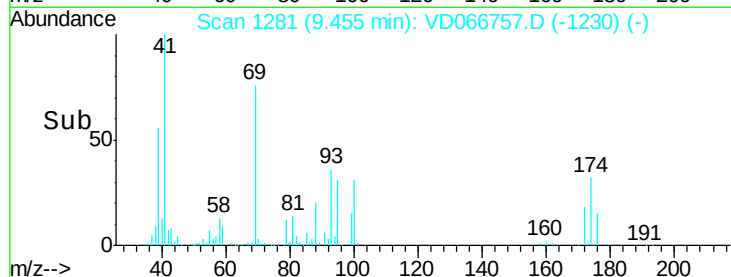
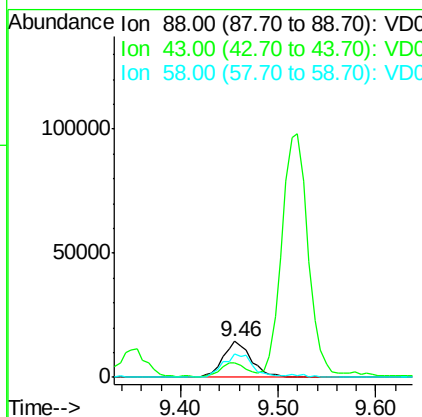
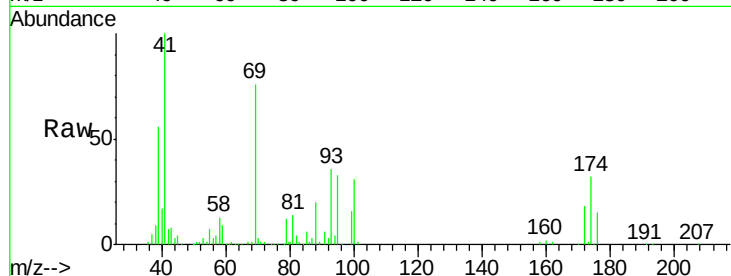
#49
1,4-Dioxane
Concen: 1081.871 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	29448
Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.3	43.9
58	65.8	51.4	77.2

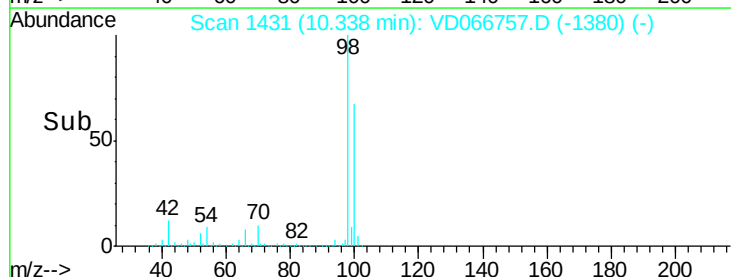
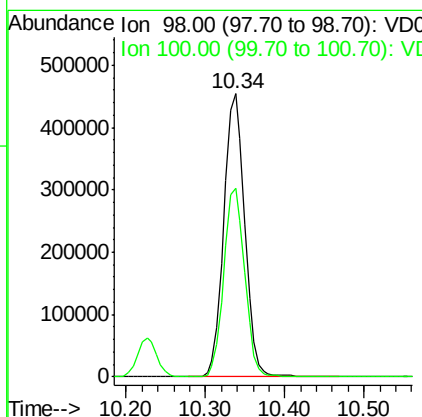
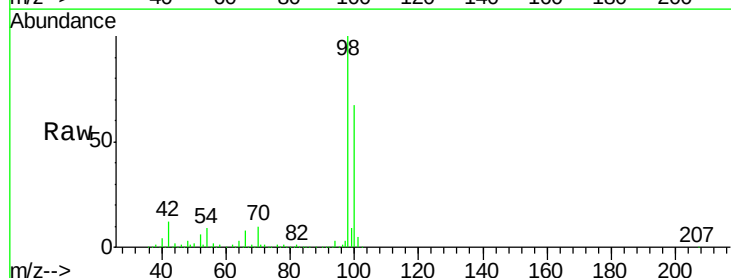
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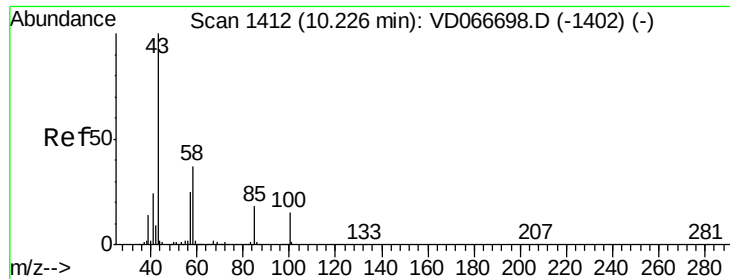
MMDadoda
9/21/2020 11:48:52 AM



#50
Toluene-d8
Concen: 56.477 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	98	Resp	829581
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.7	79.1





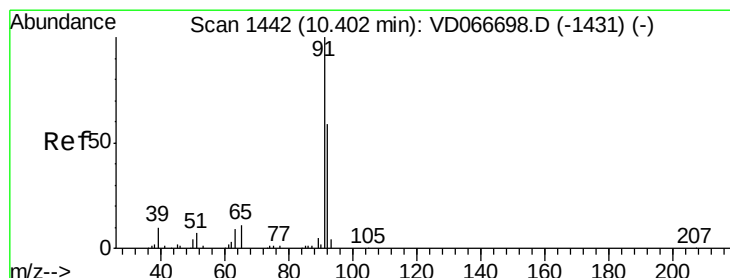
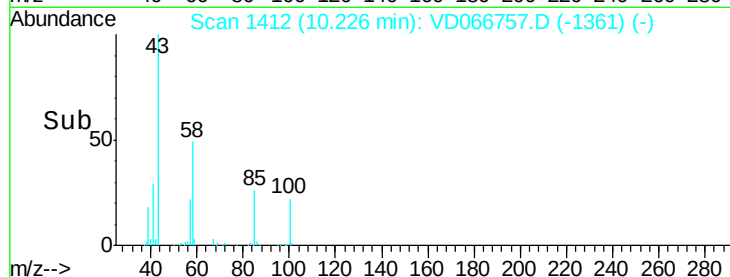
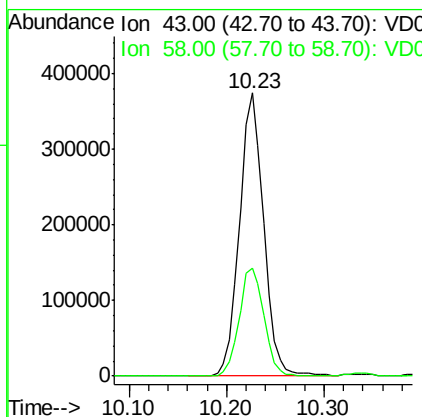
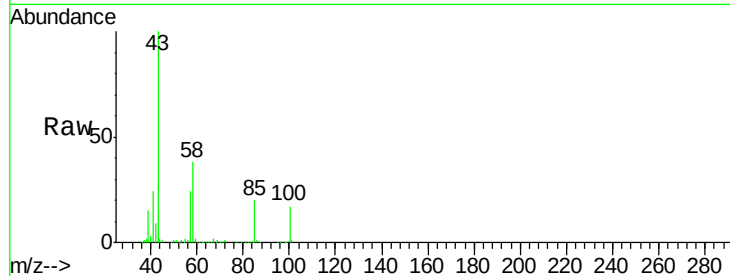
#51
 4-Methyl-2-Pentanone
 Concen: 255.453 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.4	45.6

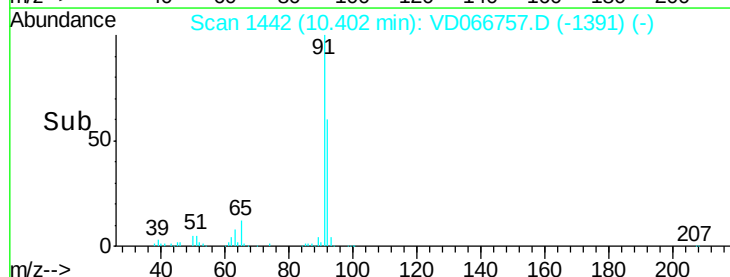
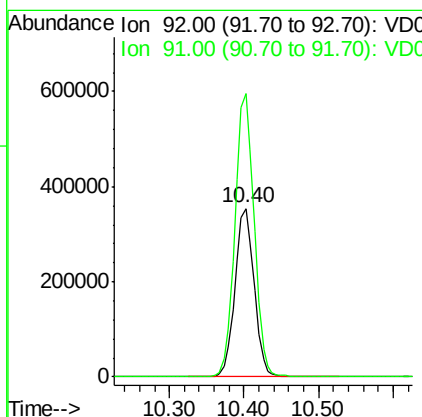
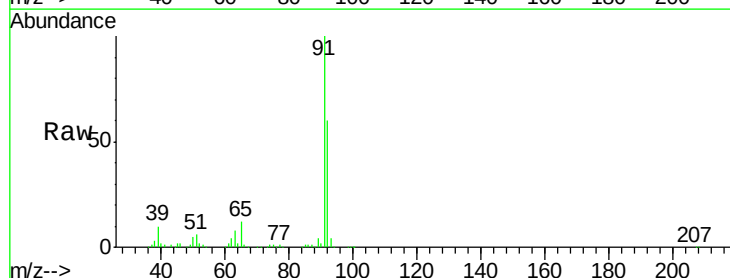
Manual Integrations
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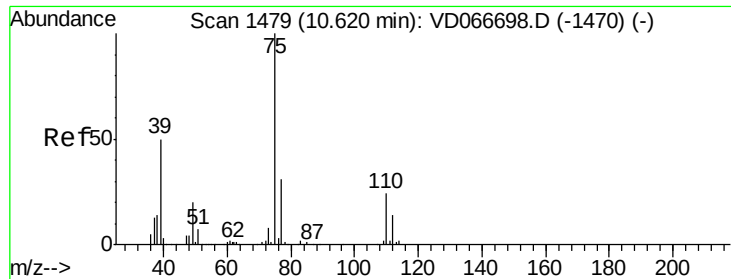
MMDadoda
 9/21/2020 11:48:52 AM



#52
 Toluene
 Concen: 52.758 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	135.8	203.8





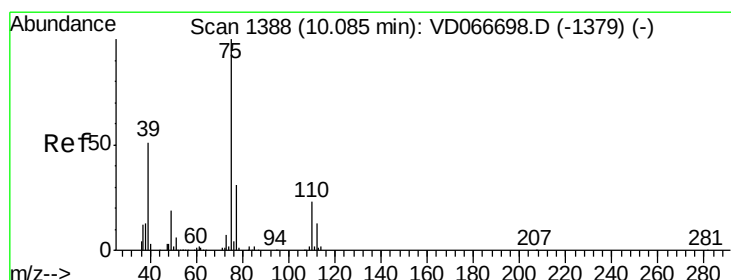
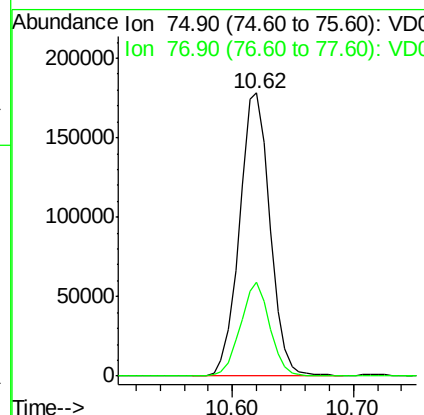
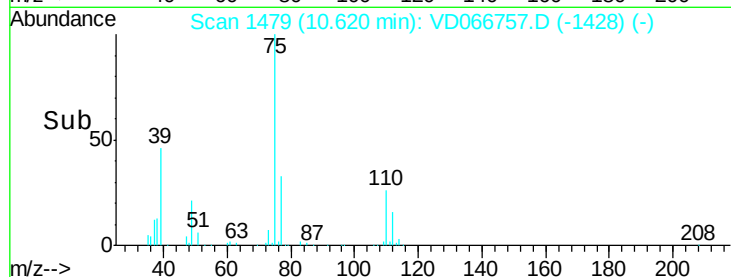
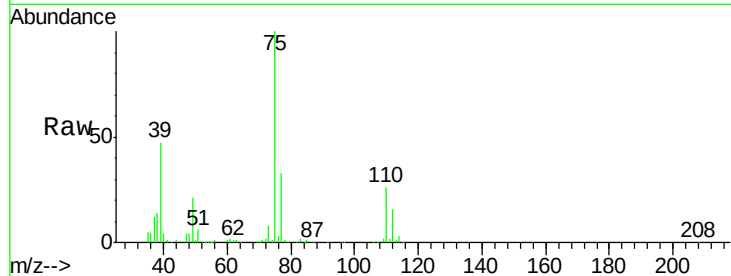
#53
t-1,3-Dichloropropene
Concen: 50.875 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.6	36.8

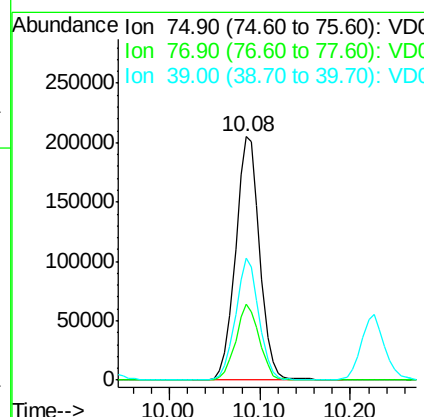
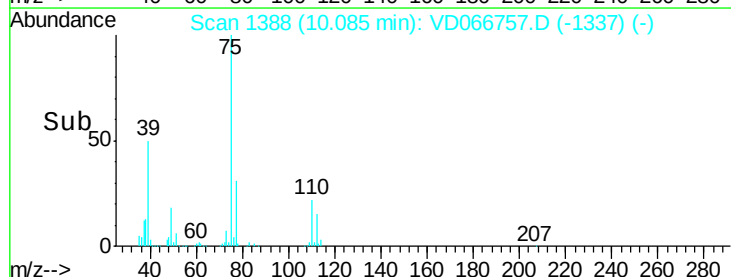
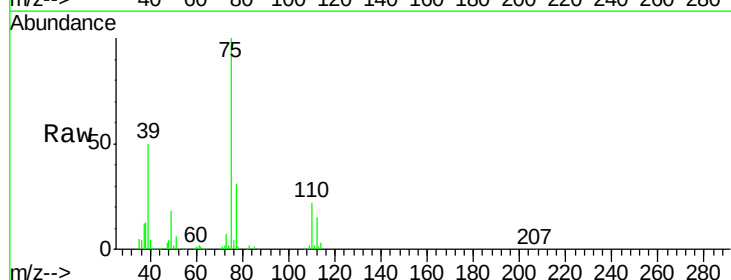
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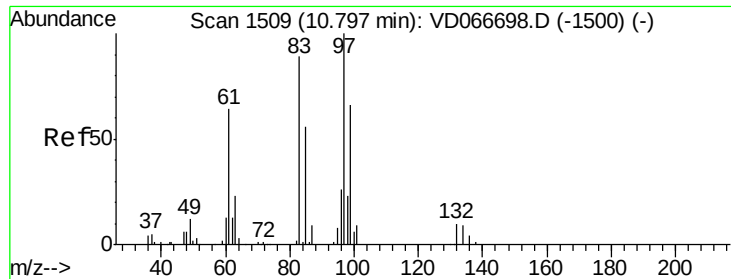
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.765 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6
39	50.1	40.6	61.0





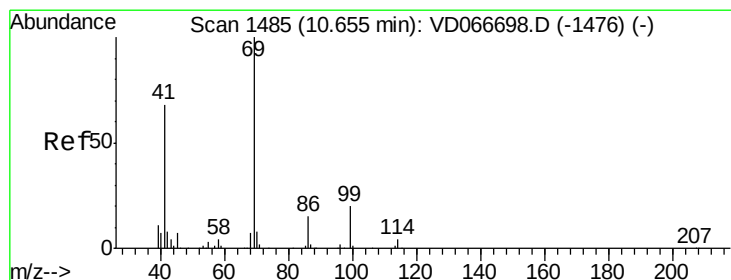
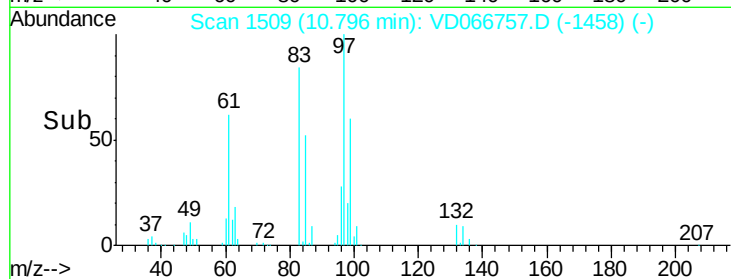
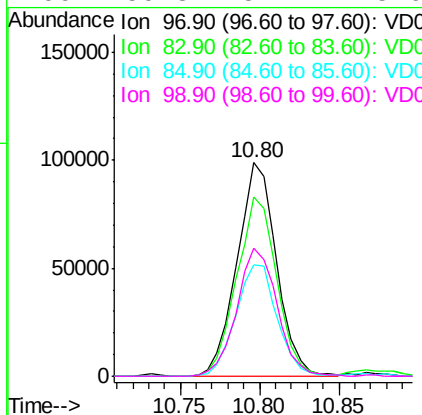
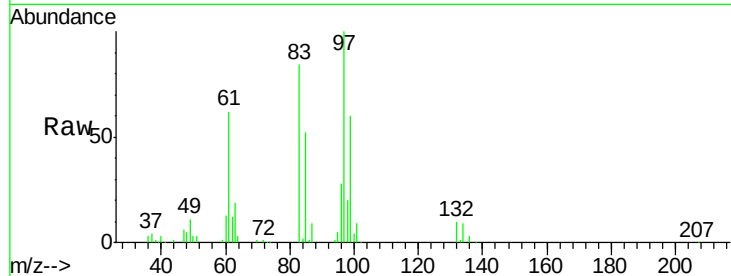
#55
 1,1,2-Trichloroethane
 Concen: 51.115 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171251
Ion	Ratio	Lower	Upper
97	100		
83	84.1	71.4	107.2
85	52.3	44.7	67.1
99	59.8	52.4	78.6

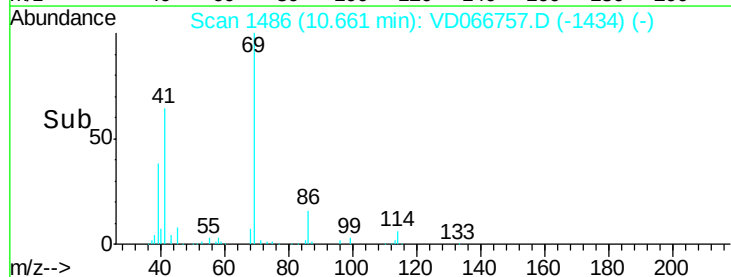
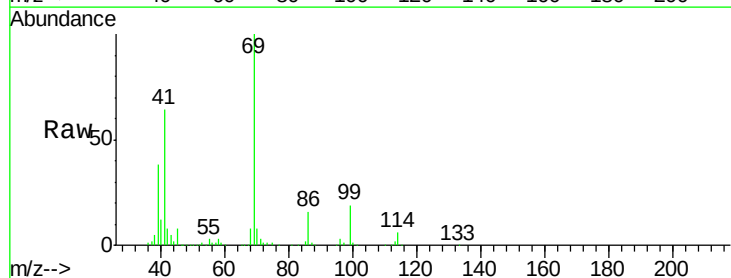
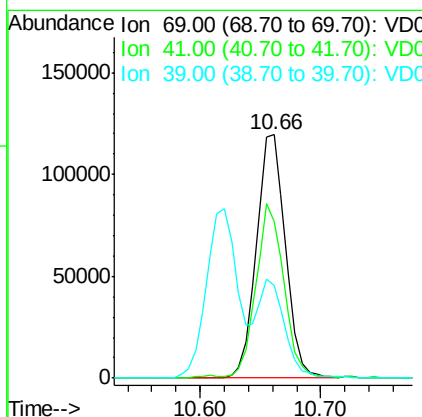
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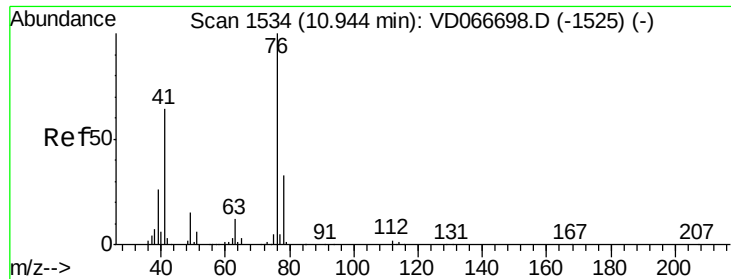
MMDadoda
 9/21/2020 11:48:52 AM



#56
 Ethyl methacrylate
 Concen: 53.102 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion:	69	Resp:	201889
Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.5	83.3
39	35.0	29.7	44.5





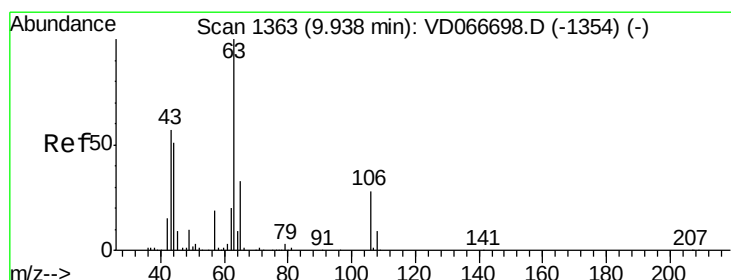
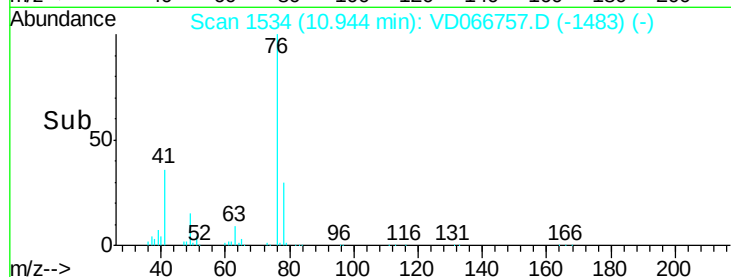
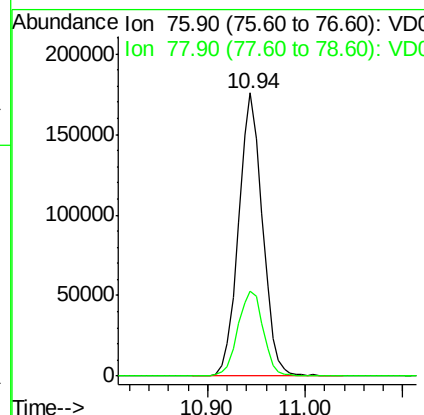
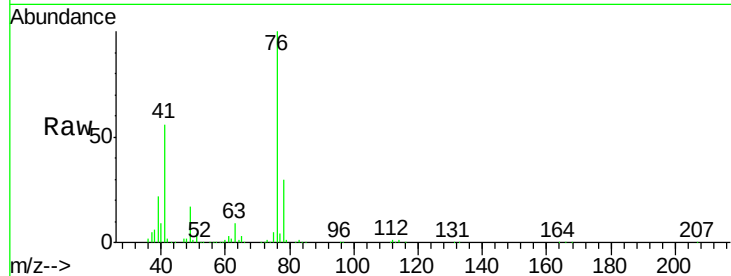
#57
 1,3-Dichloropropane
 Concen: 50.893 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2

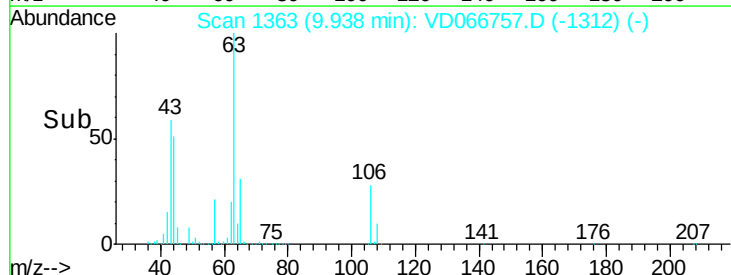
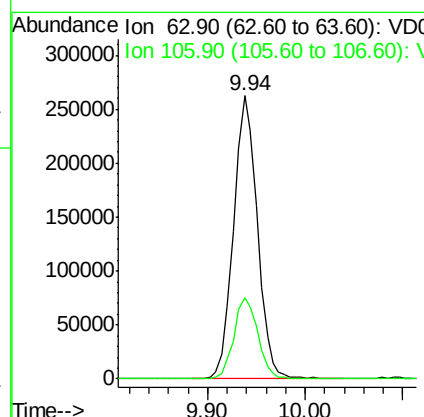
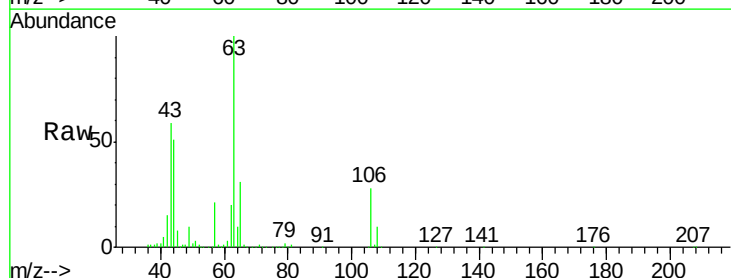
Manual Integrations
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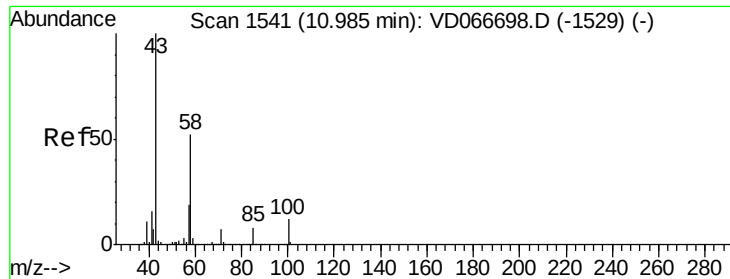
MMDadoda
 9/21/2020 11:48:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.044 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.4





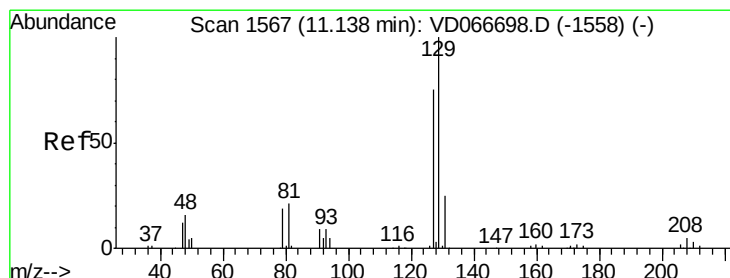
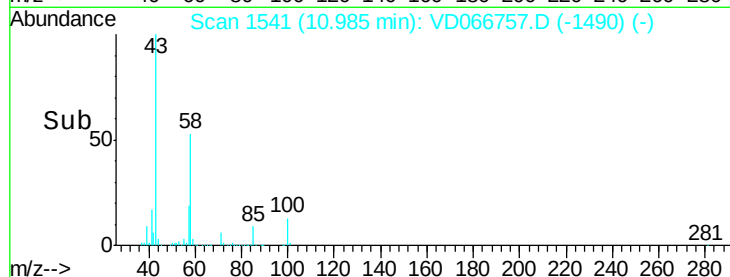
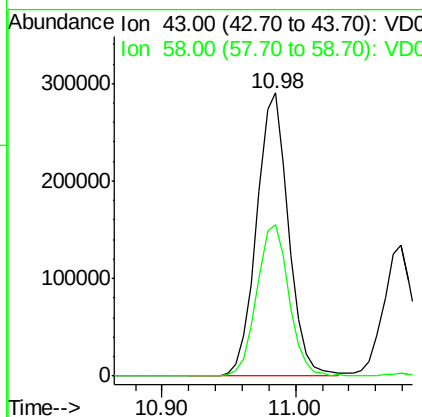
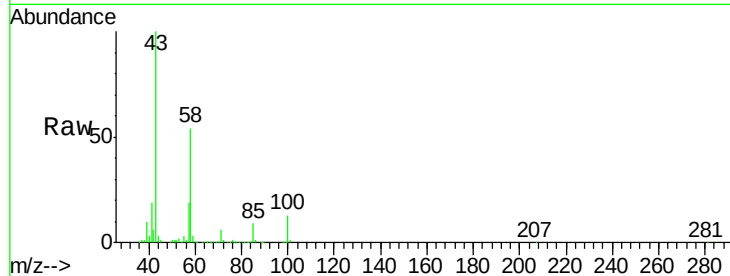
#59
2-Hexanone
Concen: 279.610 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 476523
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

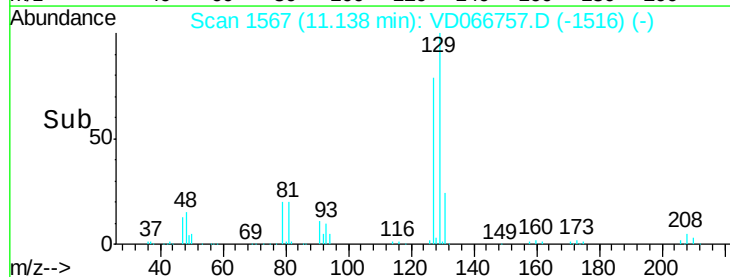
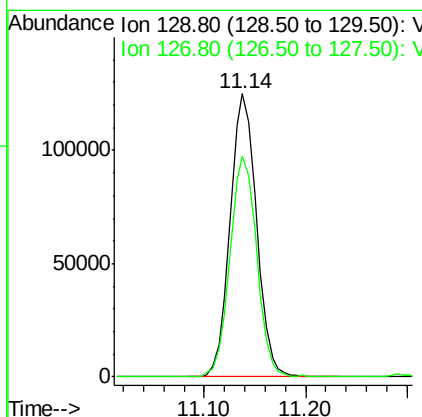
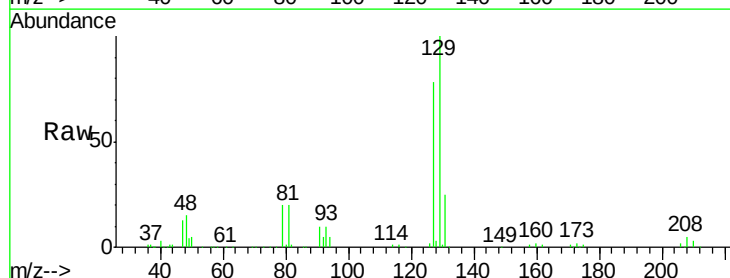
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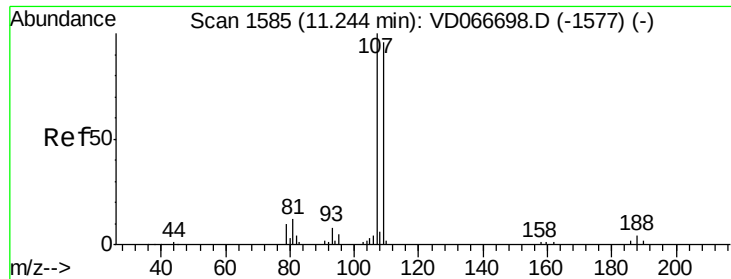
MMDadoda
9/21/2020 11:48:52 AM



#60
Dibromochloromethane
Concen: 51.854 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 129 Resp: 226364
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.3





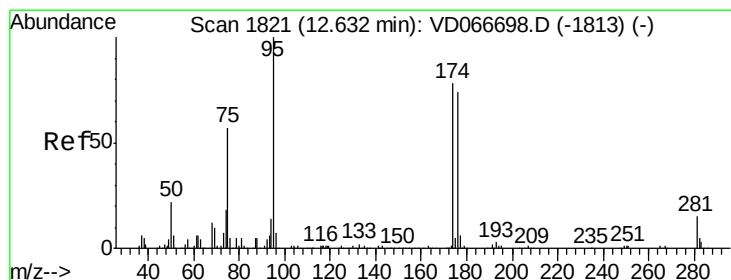
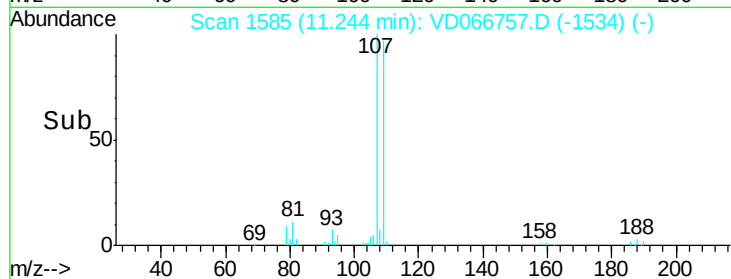
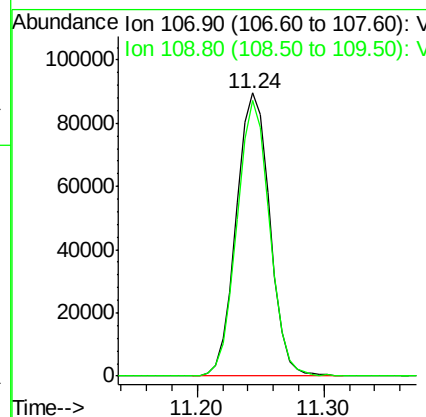
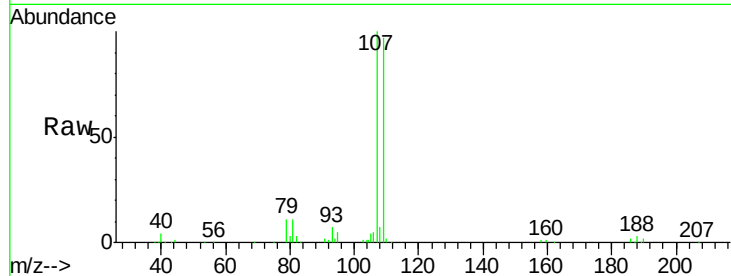
#61
 1,2-Dibromoethane
 Concen: 50.797 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163250		
109	95.0	75.6	113.4	

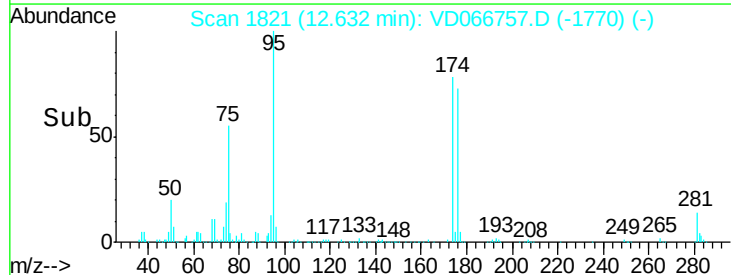
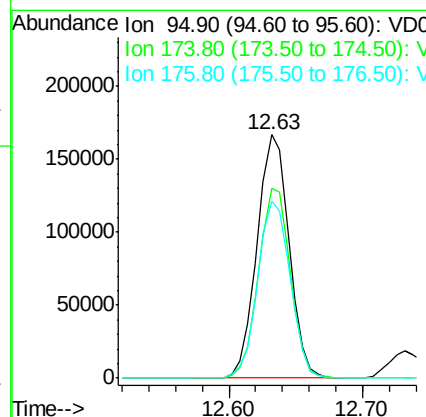
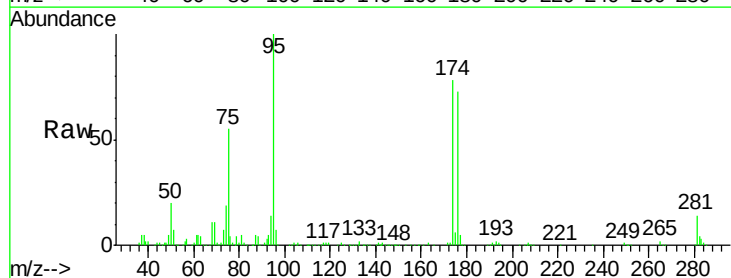
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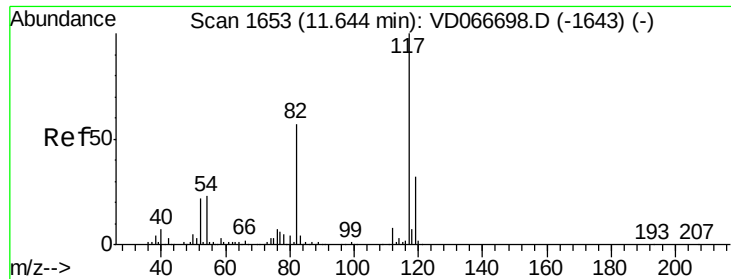
MMDadoda
 9/21/2020 11:48:52 AM



#62
 4-Bromofluorobenzene
 Concen: 54.349 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	275572		
174	77.5	0.0	156.6	
176	73.8	0.0	150.2	





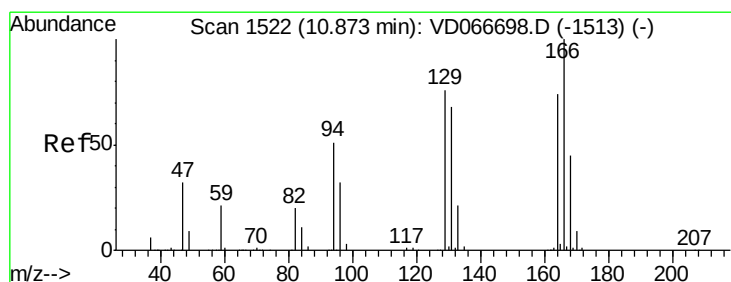
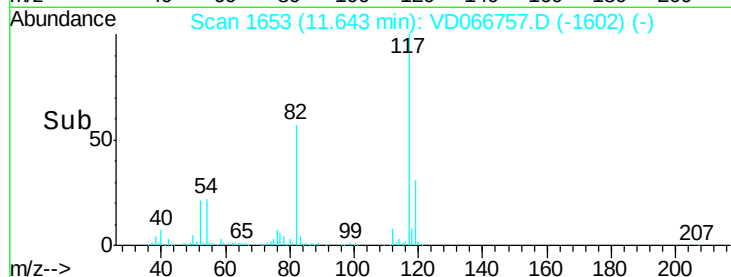
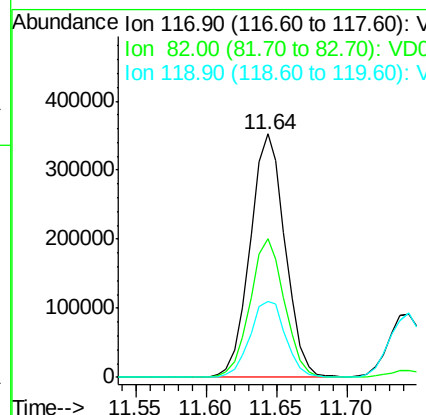
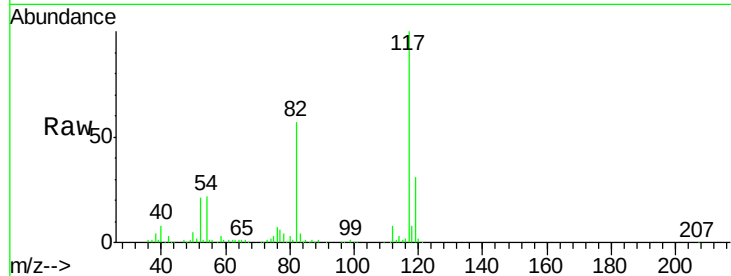
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	610853		
82	56.8		45.4	68.0
119	31.3		25.8	38.6

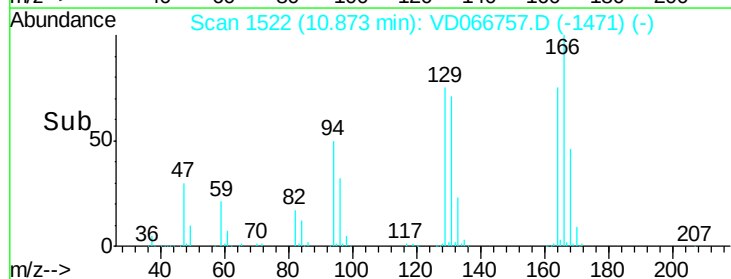
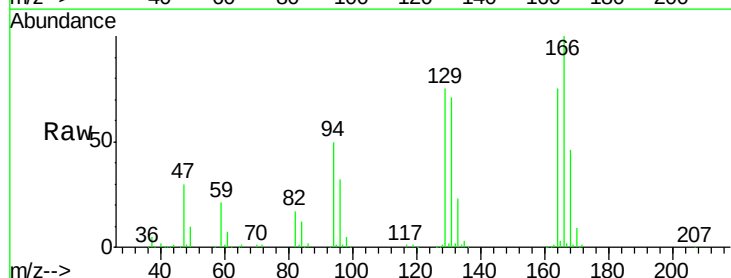
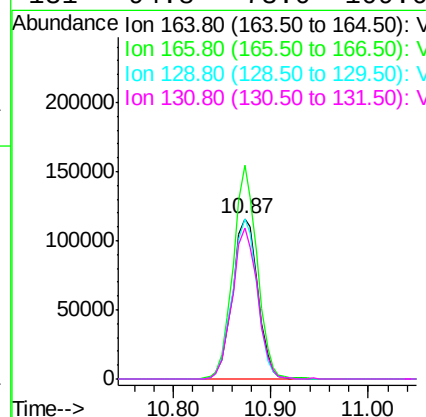
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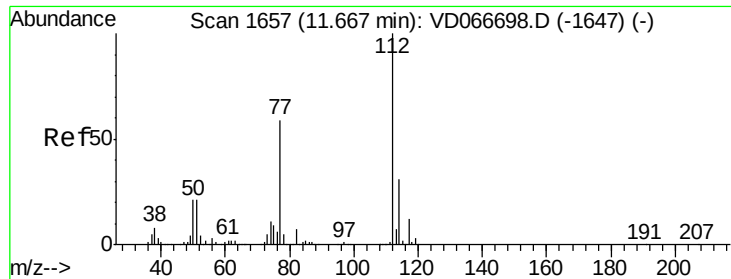
MMDadoda
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#64
Tetrachloroethene
Concen: 50.222 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209421		
166	133.4		107.5	161.3
129	100.0		81.4	122.0
131	94.8		73.0	109.6





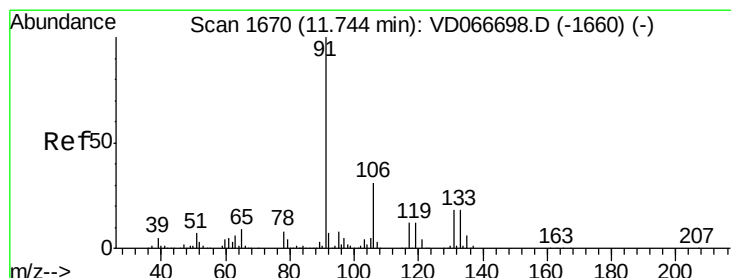
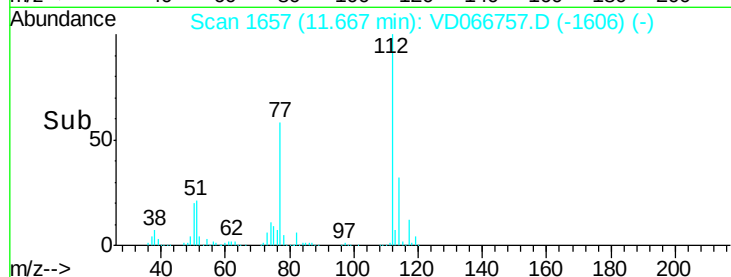
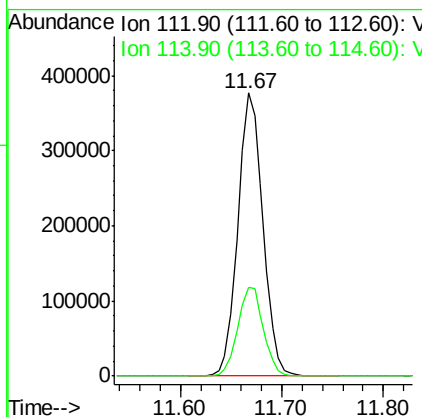
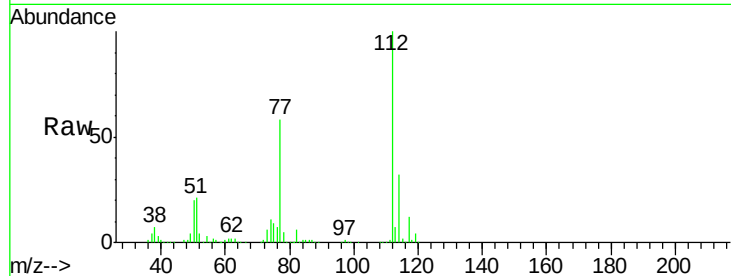
#65
Chlorobenzene
Concen: 50.838 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.6

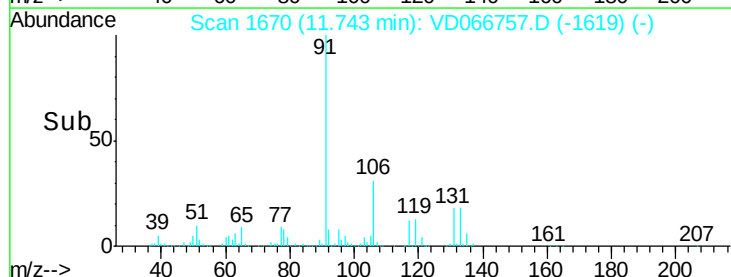
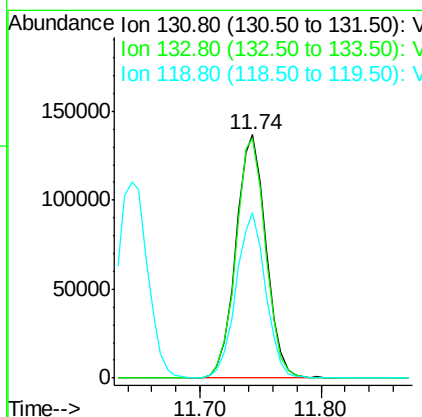
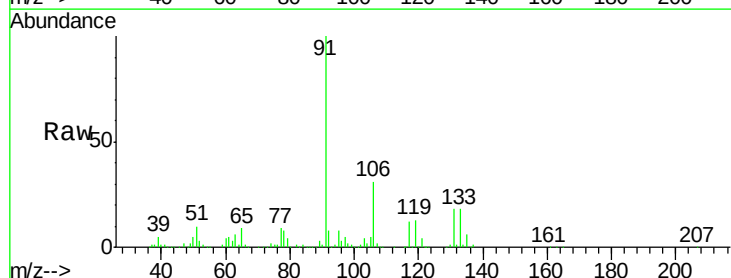
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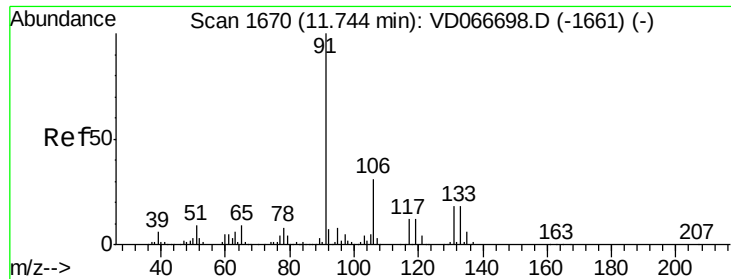
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.885 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.8	143.3
119	66.5	33.6	100.8





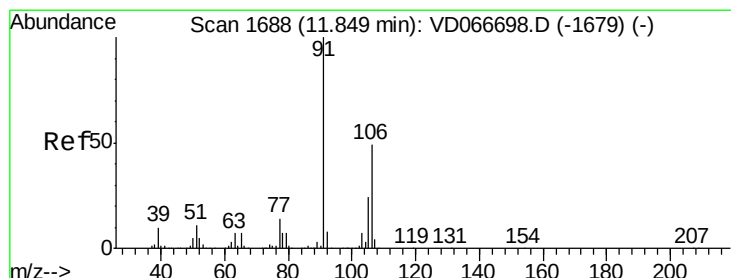
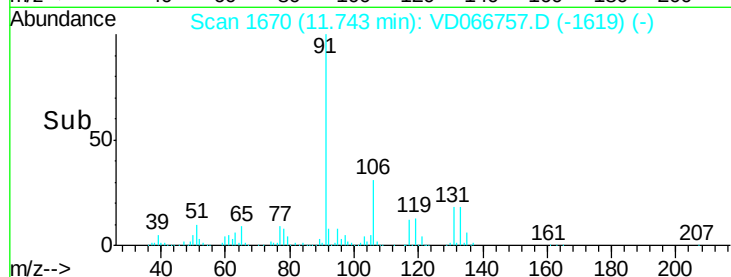
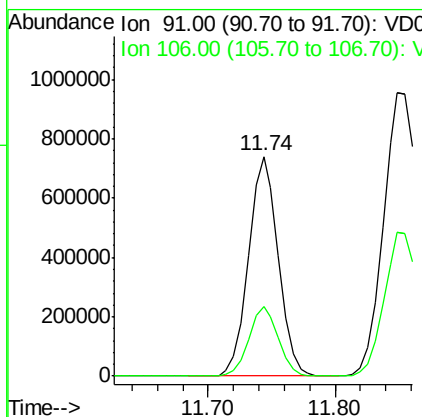
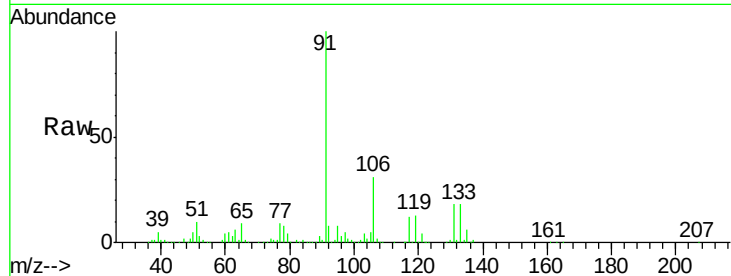
#67
Ethyl Benzene
Concen: 52.593 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1204800
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

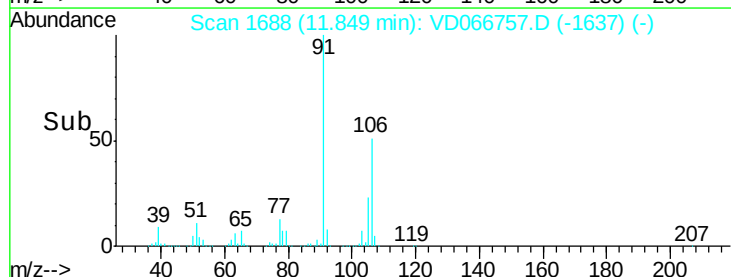
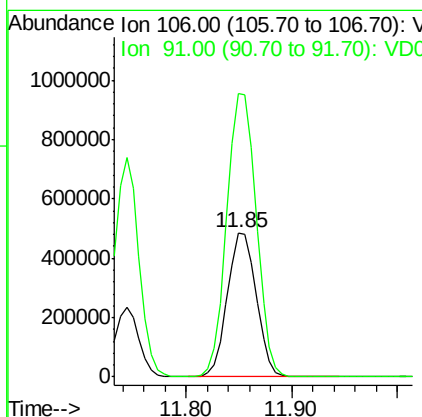
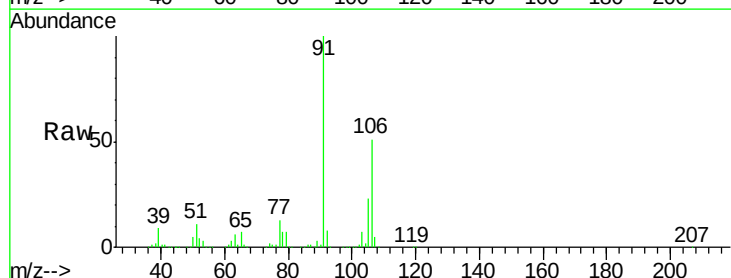
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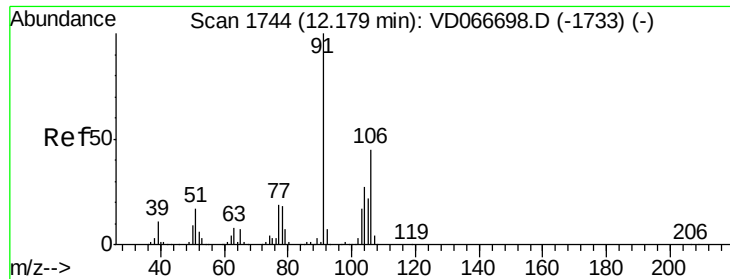
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#68
m/p-Xylenes
Concen: 105.980 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion: 106 Resp: 917588
Ion Ratio Lower Upper
106 100
91 201.4 164.8 247.2





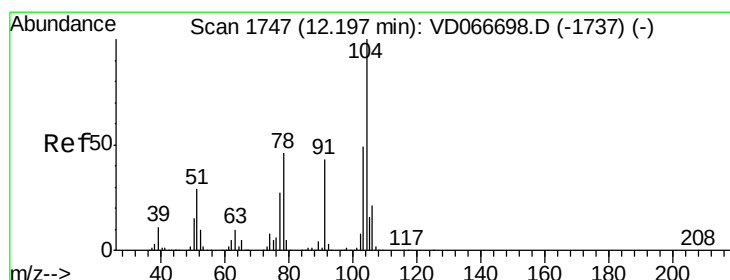
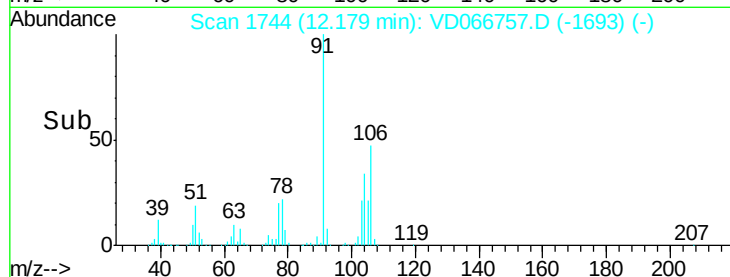
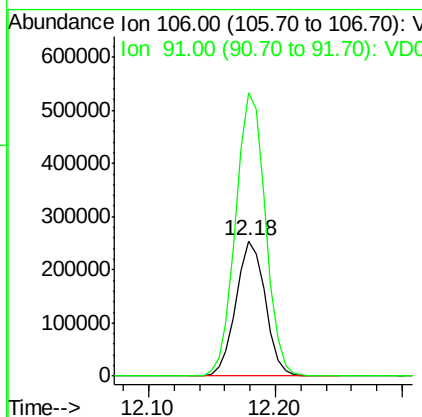
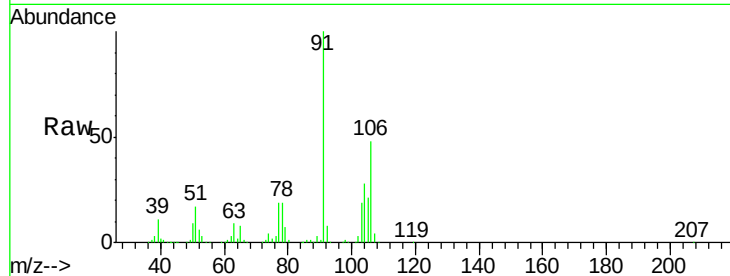
#69
o-Xylene
Concen: 53.336 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	408086		
91	91	212.4	109.4	328.2	

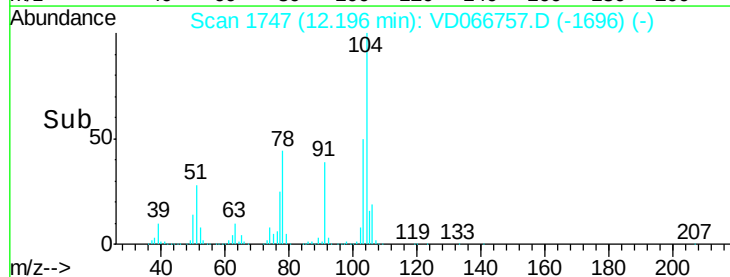
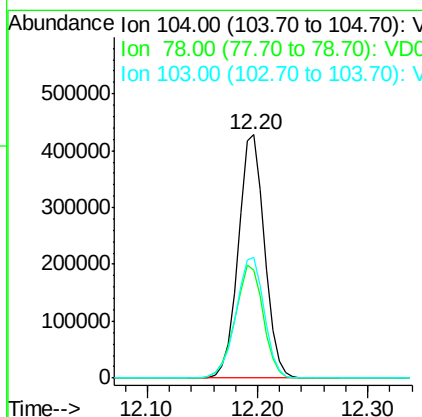
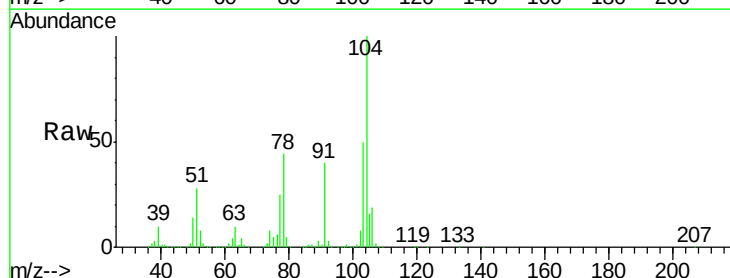
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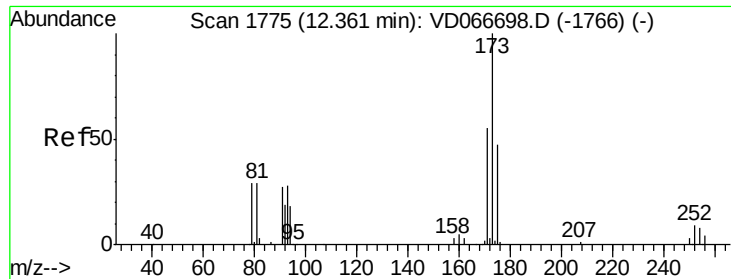
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#70
Styrene
Concen: 53.089 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	714925		
78	78	49.9	40.2	60.4	
103	103	53.7	42.5	63.7	





#71

Bromoform

Concen: 51.600 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

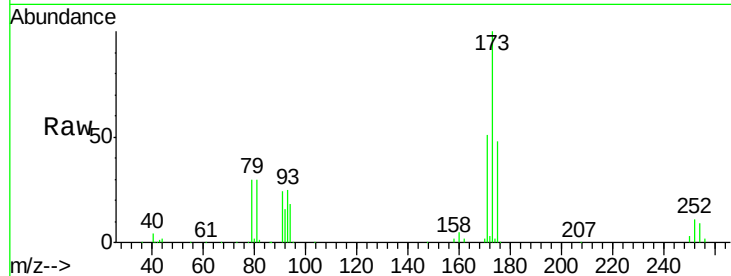
ClientSampleId :

VSTDCCC050

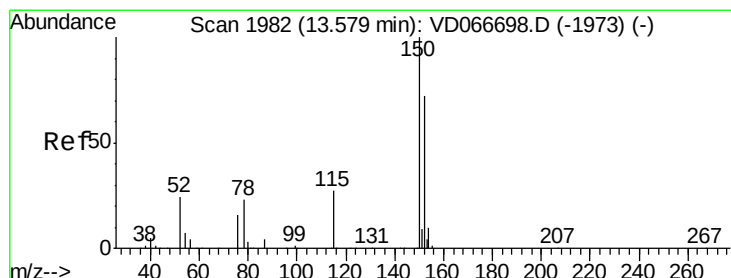
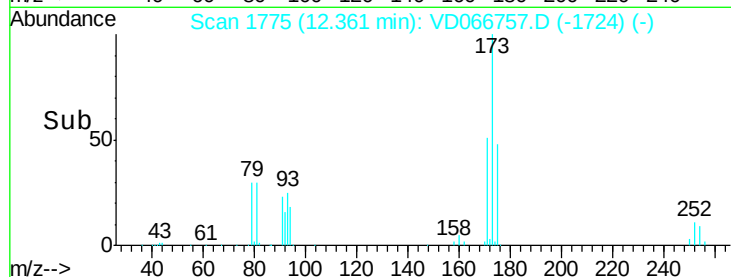
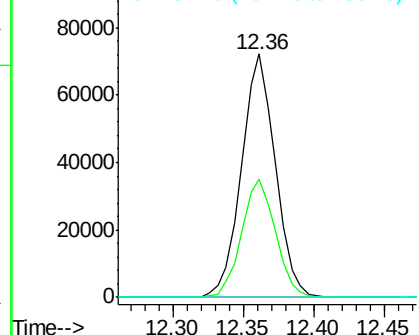
Tot Ion:	173	Resp:	120840
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.3	72.8
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

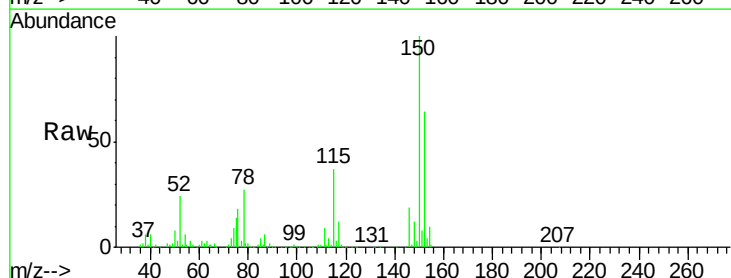
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

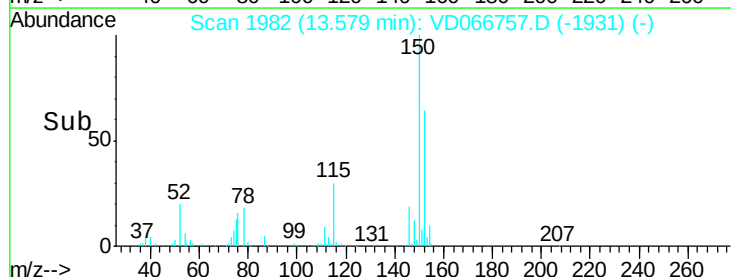
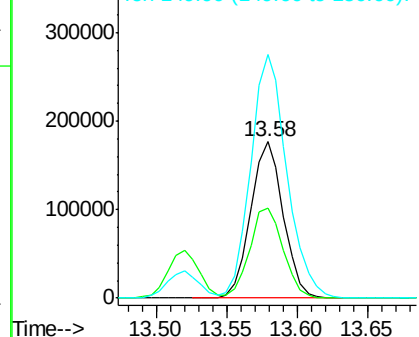
Lab File: VD066757.D

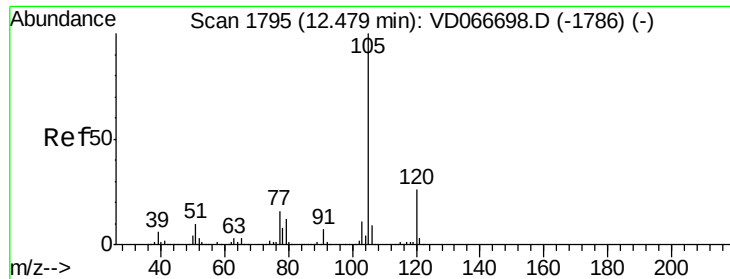
Acq: 18 Sep 2020 11:06

Tgt Ion:	152	Resp:	286067
Ion Ratio	Lower	Upper	
152	100		
115	58.9	30.5	91.5
150	172.3	0.0	344.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.943 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1130637

Ion Ratio Lower Upper

105 100

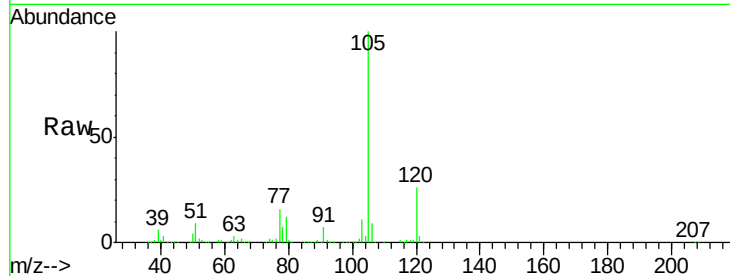
120 25.8 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

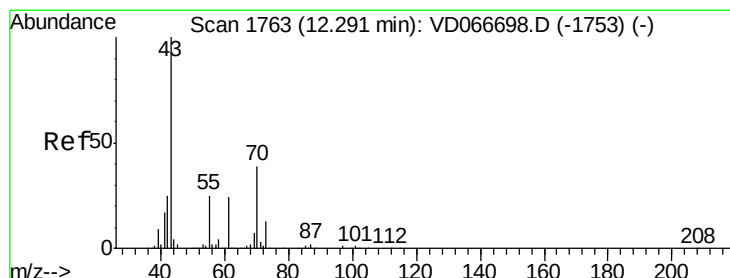
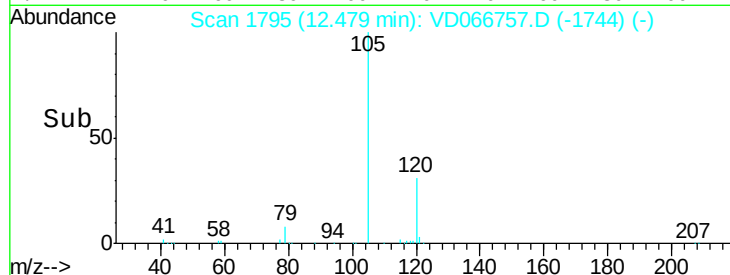
200000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 50.649 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion: 43 Resp: 228166

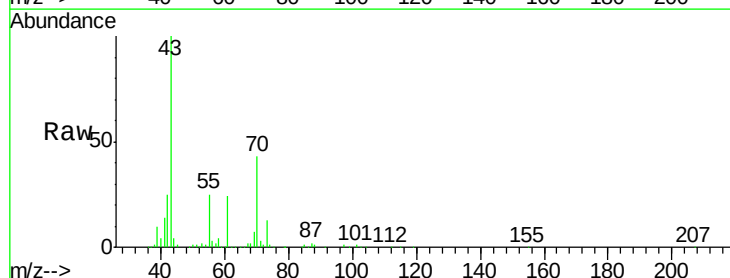
Ion Ratio Lower Upper

43 100

70 43.8 33.0 49.4

55 26.4 20.6 30.8

61 24.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

100000

50000

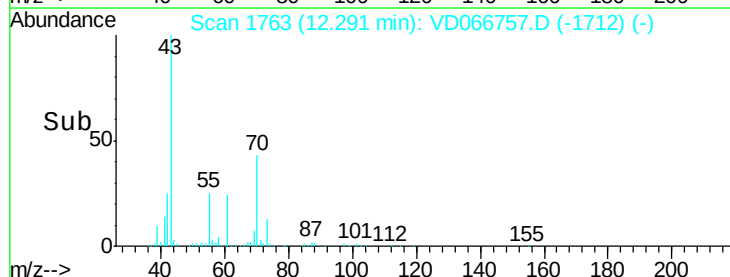
0

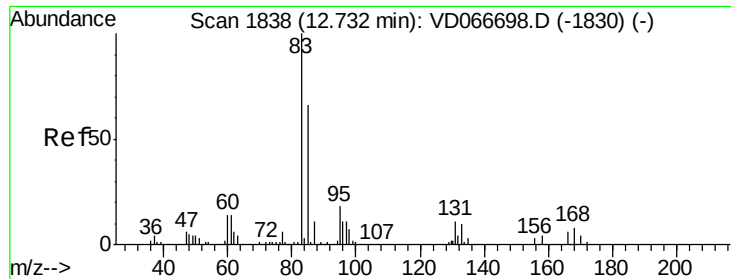
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.619 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

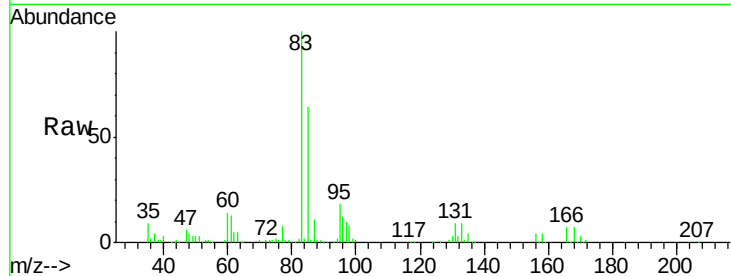
ClientSampleId :

VSTDCCC050

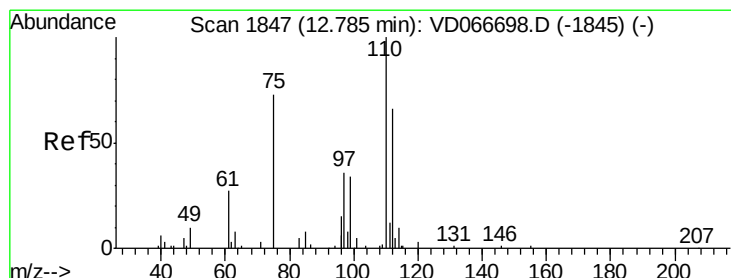
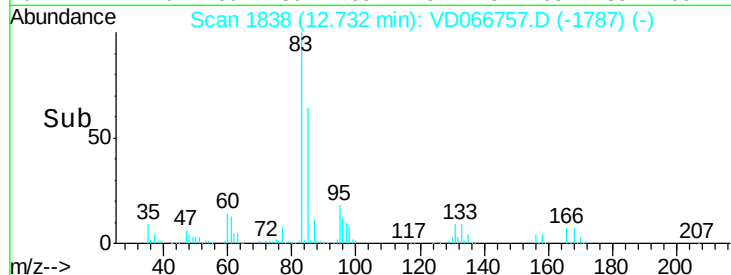
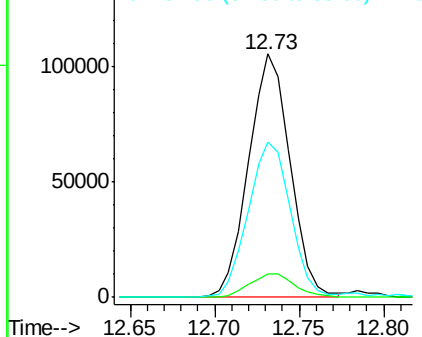
Tot Ion:	83	Resp:	180061
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.8	17.3
85	66.2	33.3	99.8

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 48.483 ug/l m

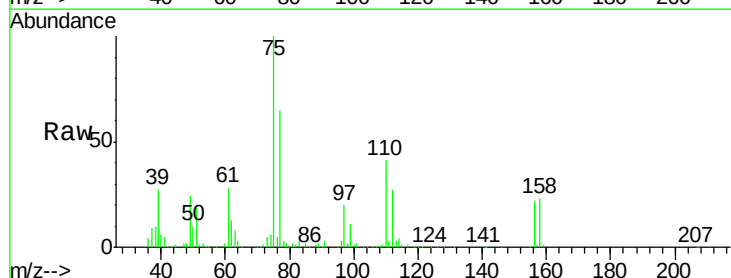
RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

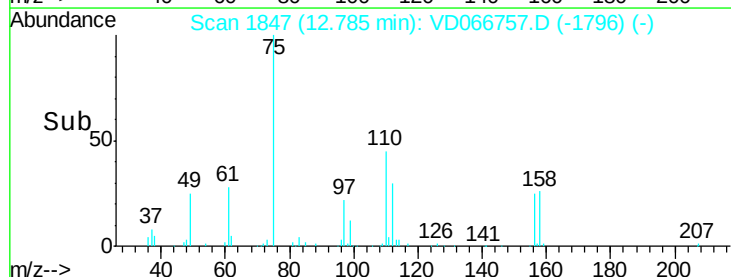
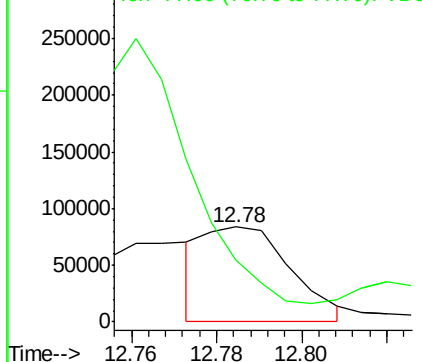
Lab File: VD066757.D

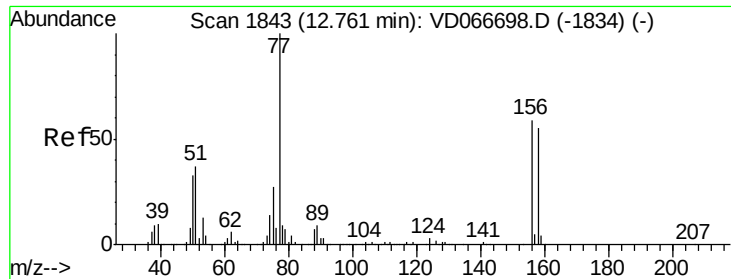
Acq: 18 Sep 2020 11:06

Tgt Ion:	75	Resp:	118717
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.142 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

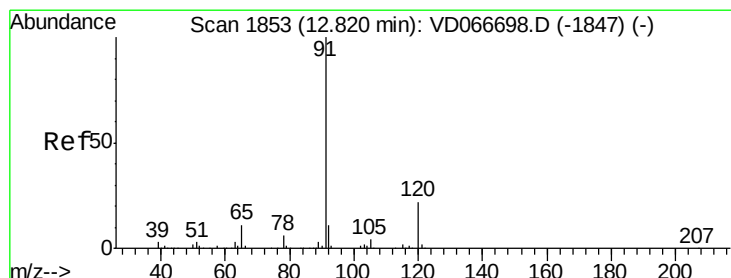
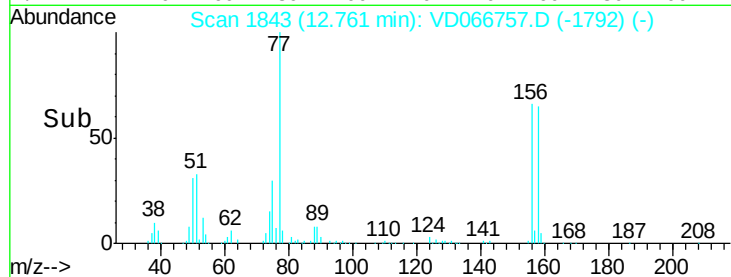
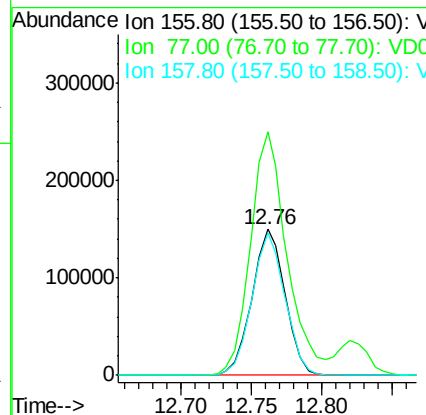
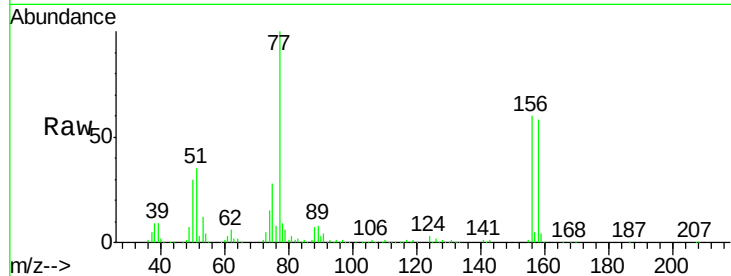
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		246803		
77	183.3	95.8	287.3		
158	97.4	48.4	145.0		

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#78

n-propylbenzene

Concen: 52.403 ug/l

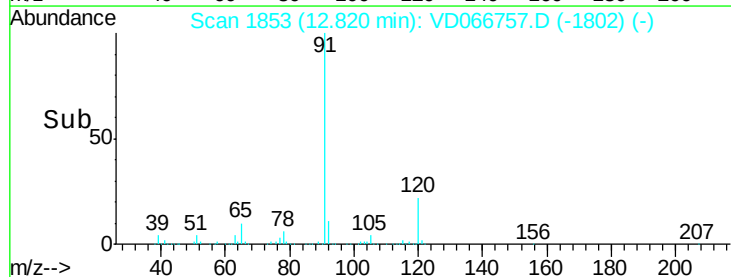
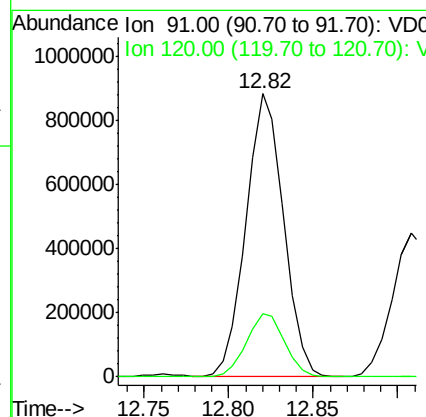
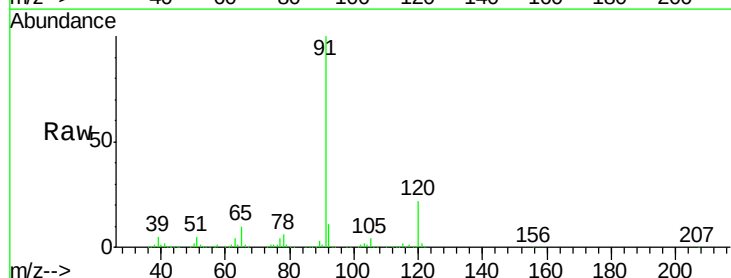
RT: 12.82 min Scan# 1853

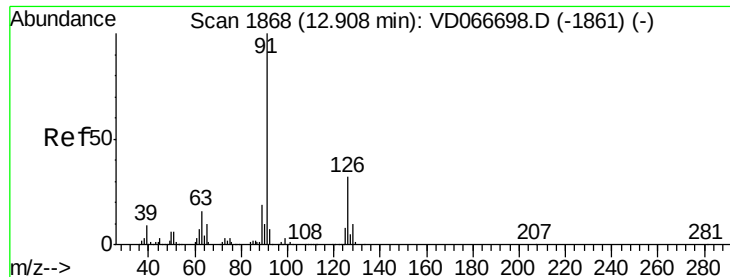
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1364190		
120	22.6	10.9	32.9		





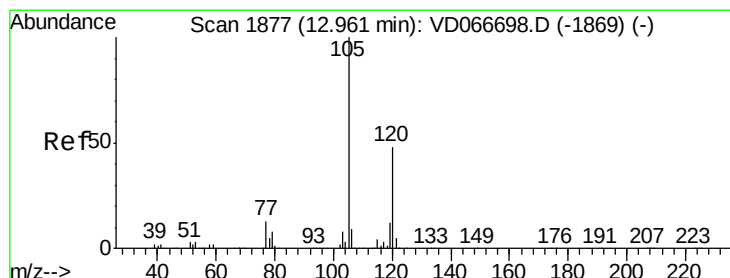
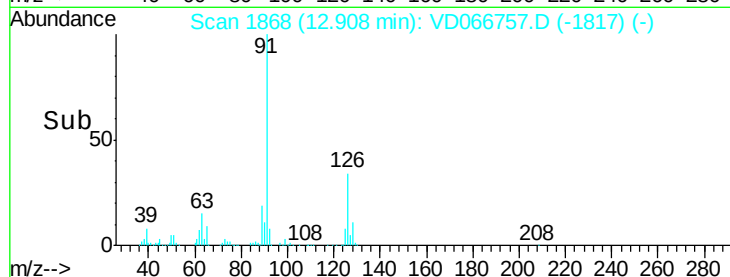
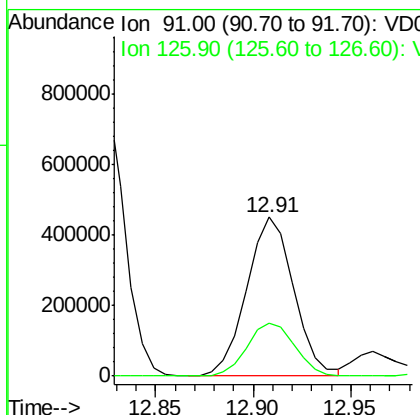
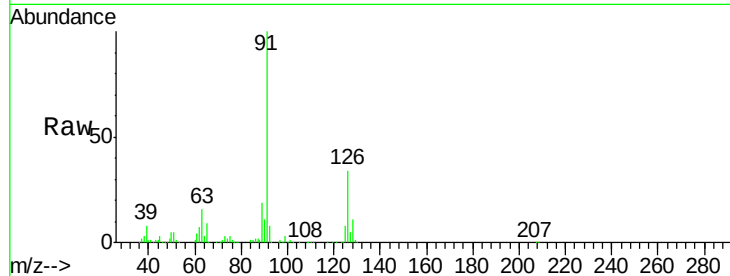
#79
 2-Chlorotoluene
 Concen: 51.343 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.2	48.6

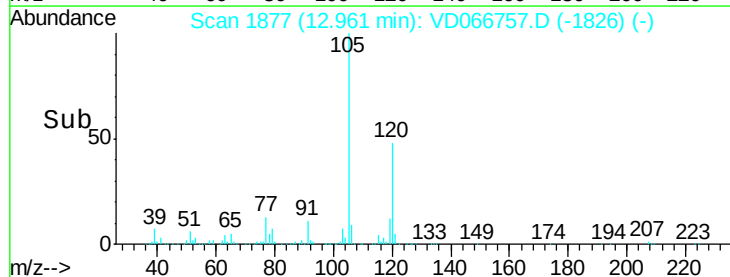
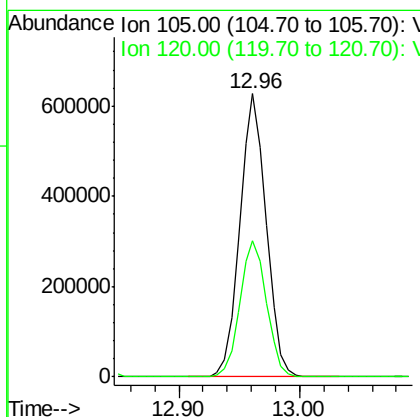
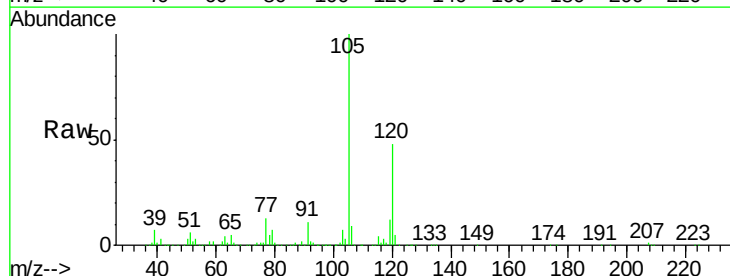
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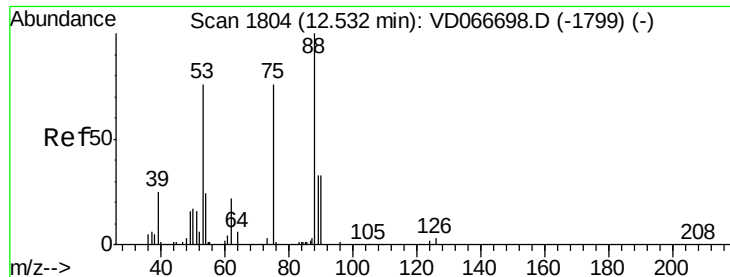
MMDadoda
 9/21/2020 11:48:52 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.653 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.9	71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.510 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

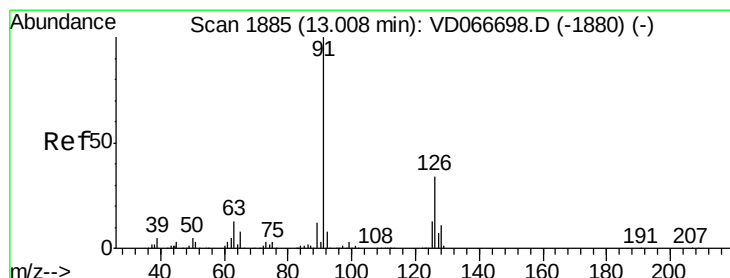
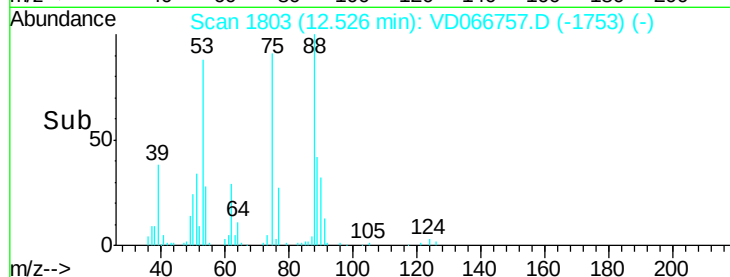
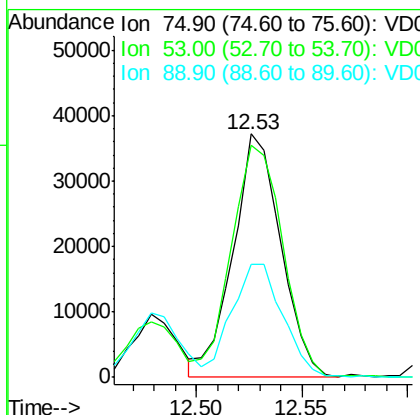
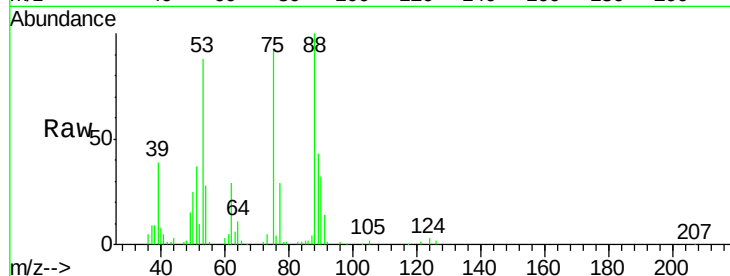
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	58442
Ion	Ratio	Lower	Upper
75	100		
53	103.7	82.2	123.4
89	50.0	39.6	59.4

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#82

4-Chlorotoluene

Concen: 50.783 ug/l

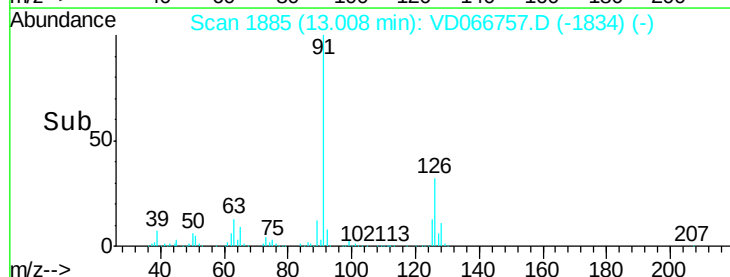
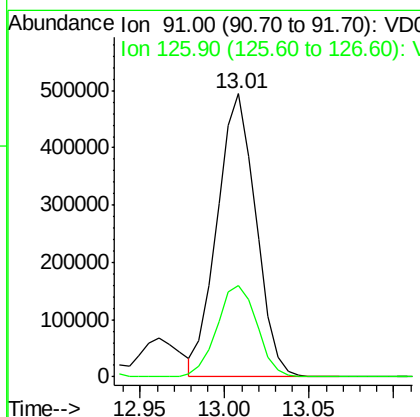
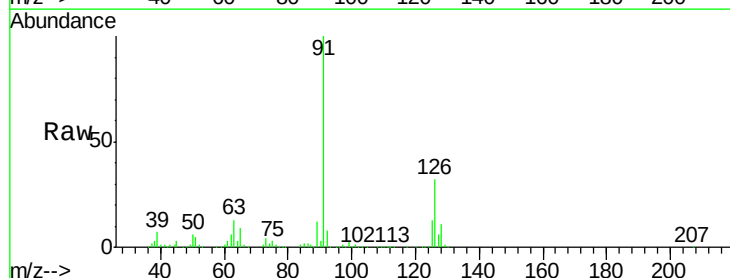
RT: 13.01 min Scan# 1885

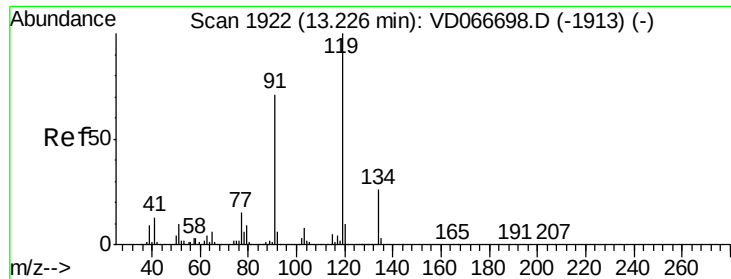
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	91	Resp:	790415
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.4





#83

tert-Butylbenzene

Concen: 52.106 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

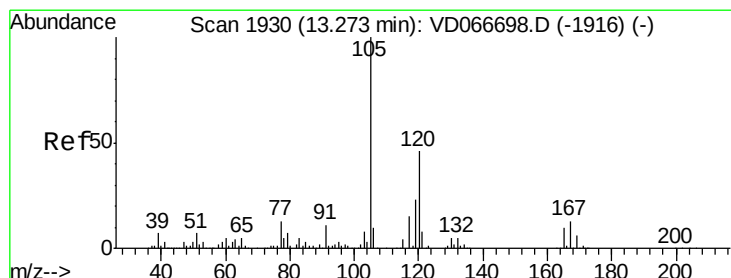
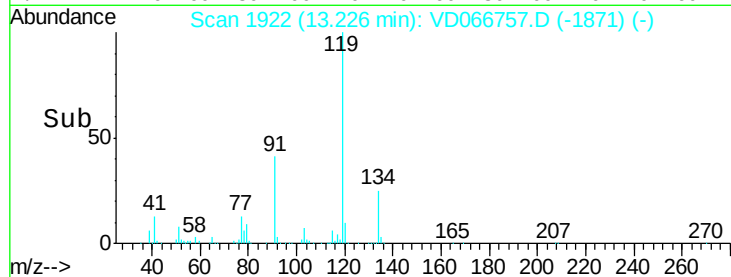
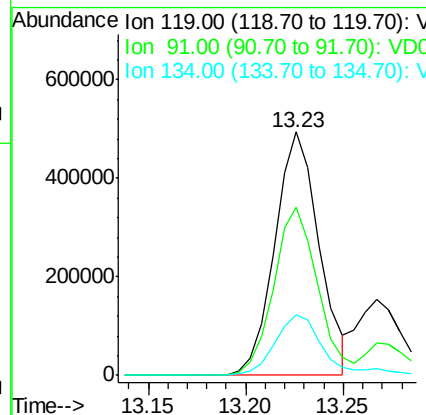
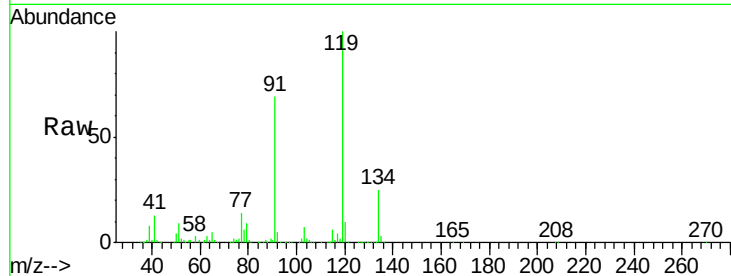
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	775462
Ion Ratio	Lower	Upper	
119	100		
91	68.4	35.0	105.1
134	27.4	13.6	40.8

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#84

1,2,4-Trimethylbenzene

Concen: 52.683 ug/l

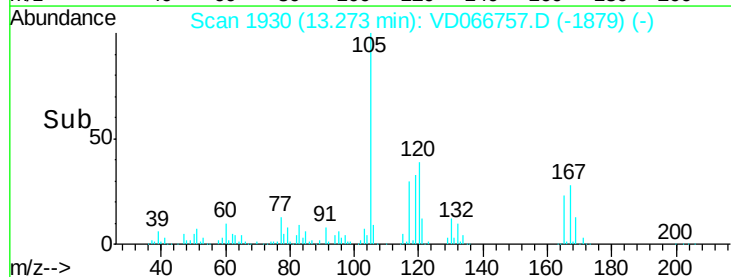
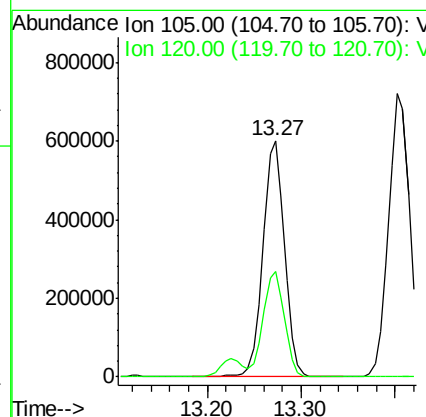
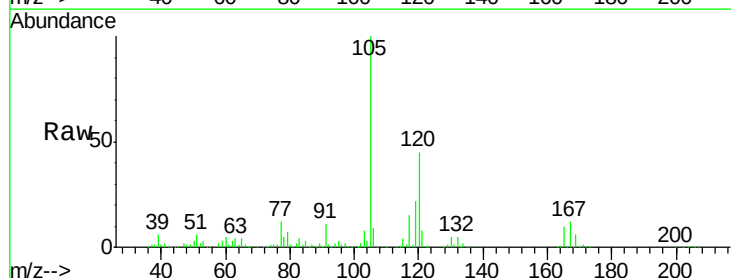
RT: 13.27 min Scan# 1930

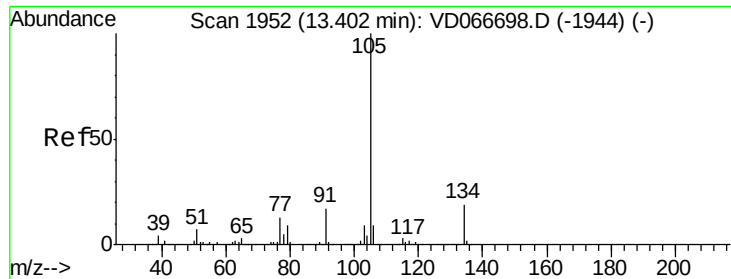
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	105	Resp:	950684
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.4	67.2





#85

sec-Butylbenzene

Concen: 52.641 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1123152

Ion Ratio Lower Upper

105 100

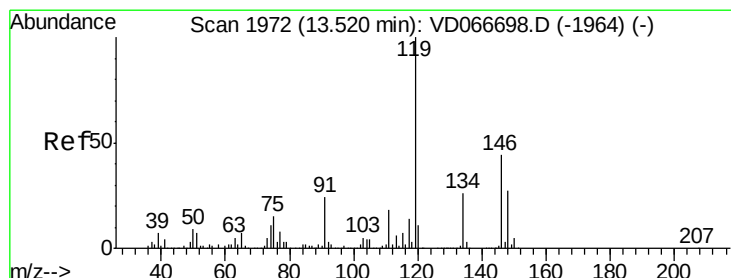
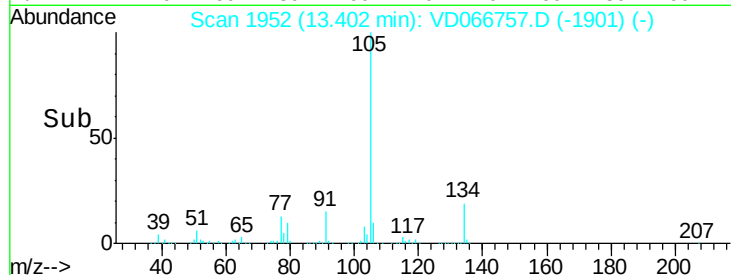
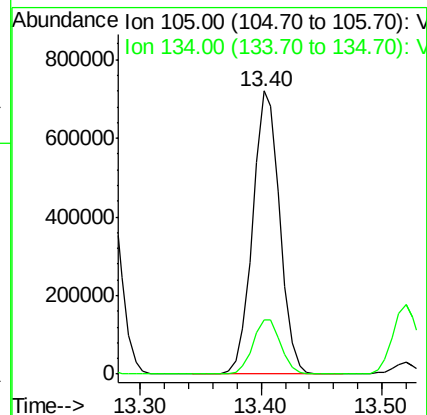
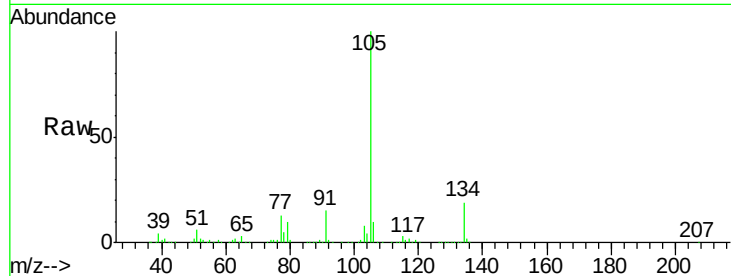
134 19.7 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 53.380 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

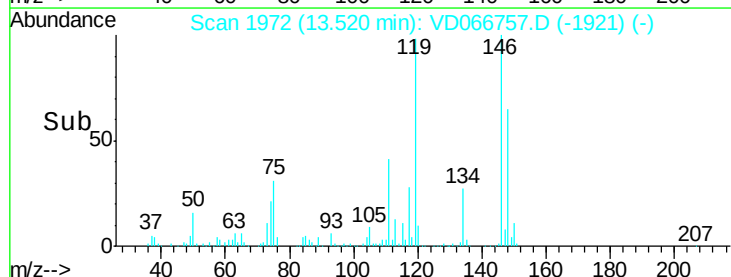
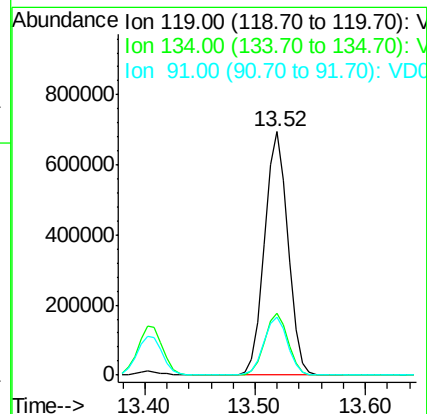
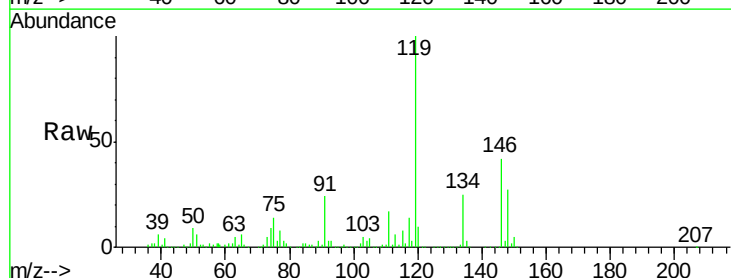
Tgt Ion:119 Resp: 1035410

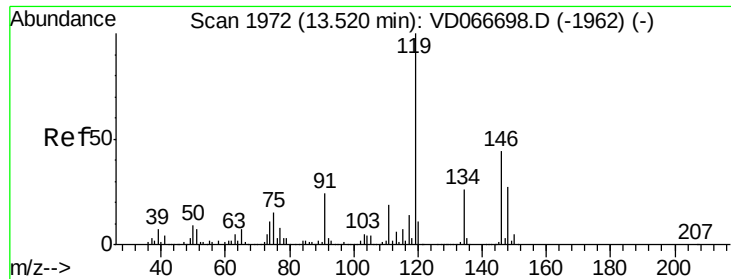
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 51.514 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

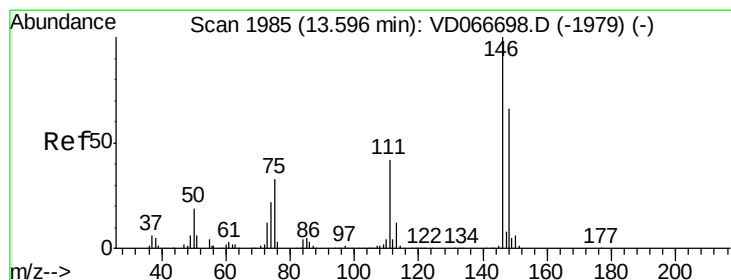
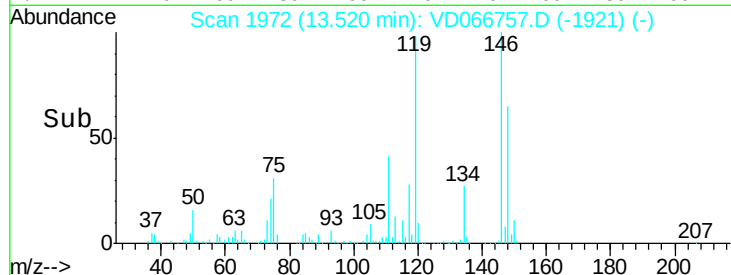
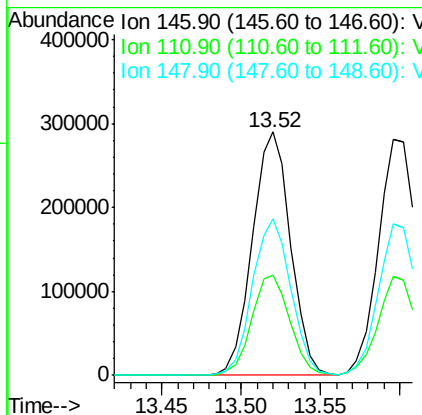
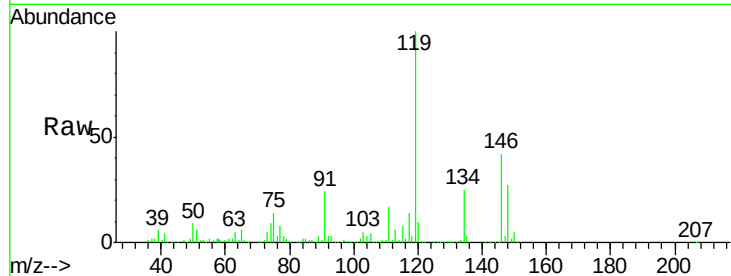
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	486458
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.1	63.3
148	64.5	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 50.140 ug/l

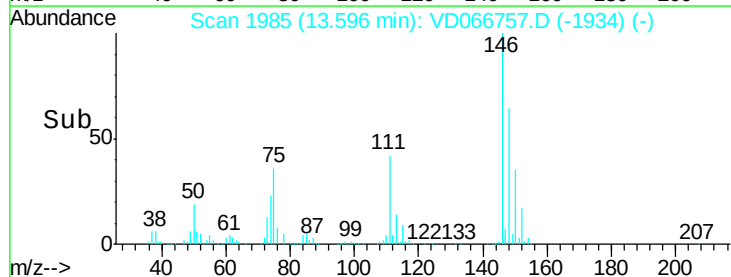
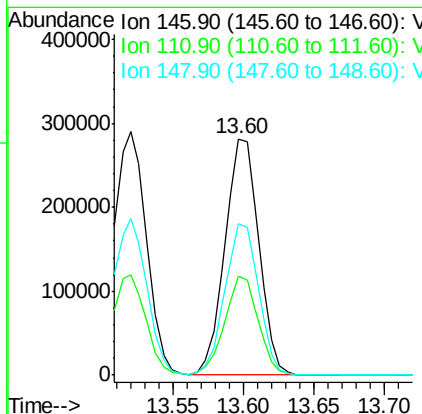
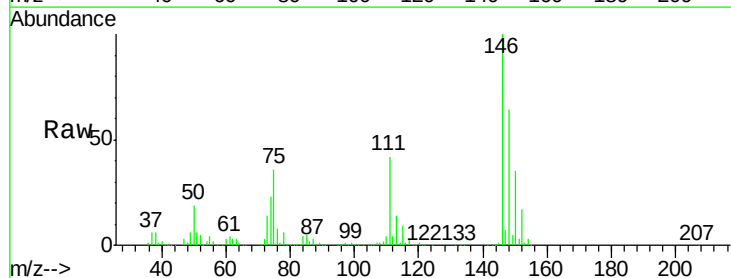
RT: 13.60 min Scan# 1985

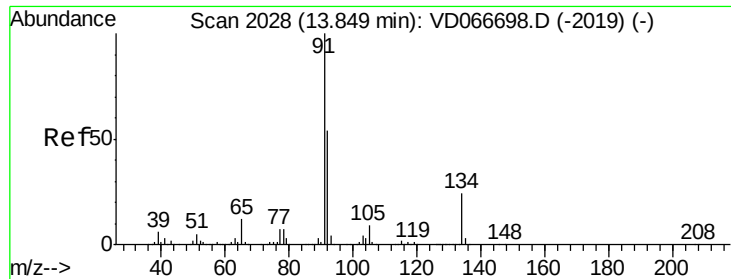
Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	146	Resp:	471488
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.5	61.6
148	63.7	32.7	98.1





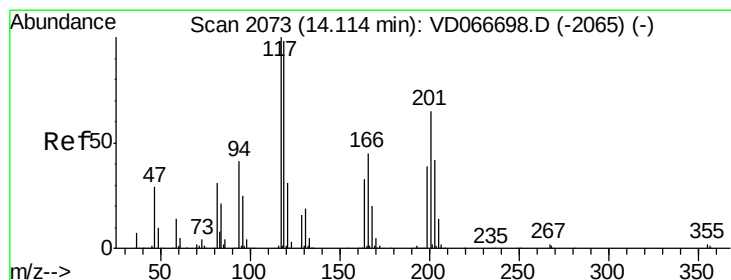
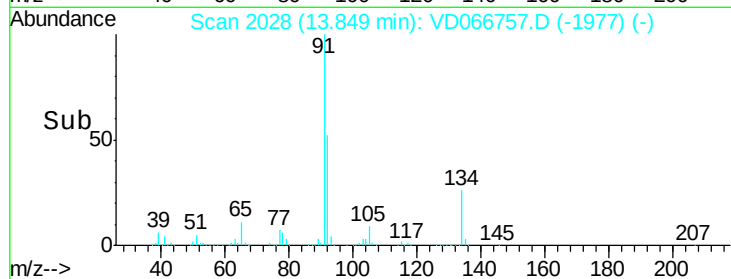
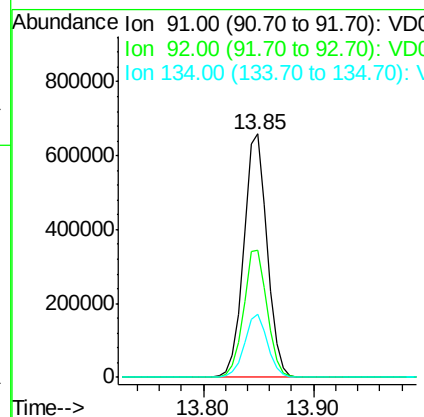
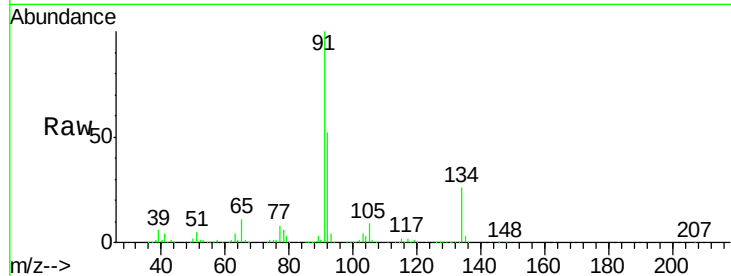
#89
n-Butylbenzene
Concen: 52.922 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.0	81.0
134	25.6	12.4	37.0

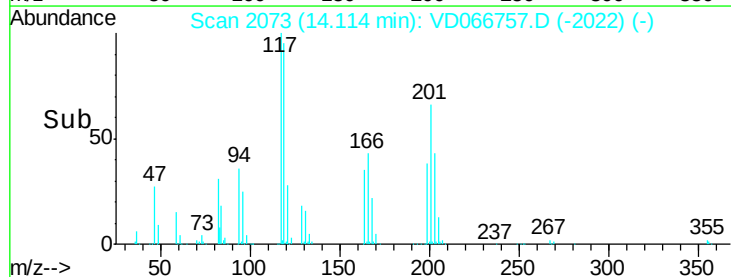
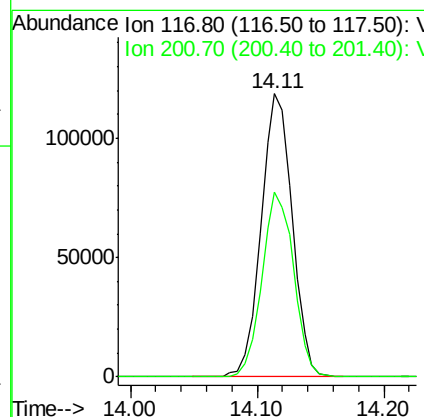
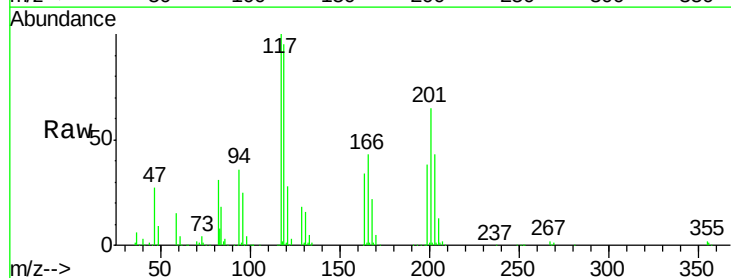
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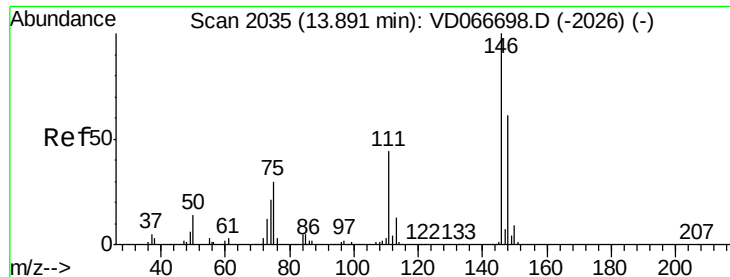
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#90
Hexachloroethane
Concen: 50.873 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066757.D
Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.3	33.1	99.3





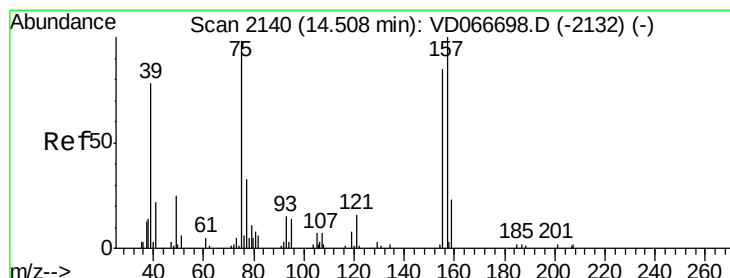
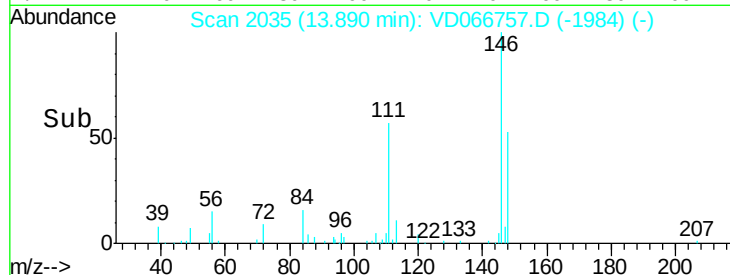
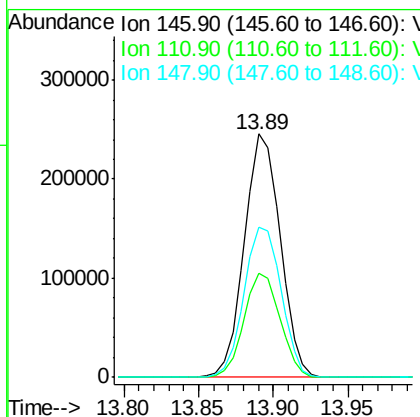
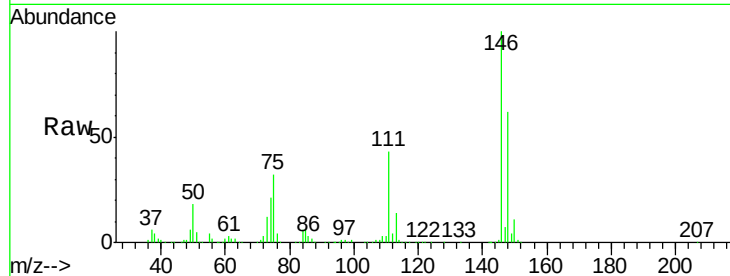
#91
 1,2-Dichlorobenzene
 Concen: 50.648 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	64.0	31.4	94.3

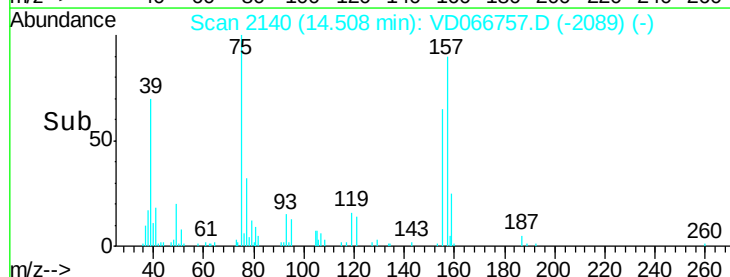
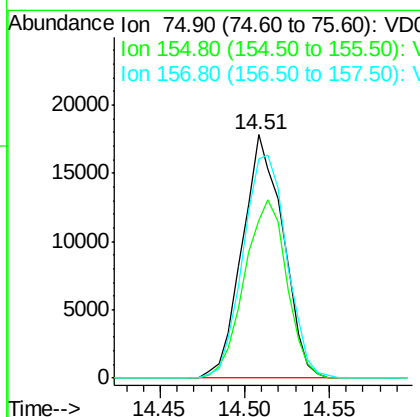
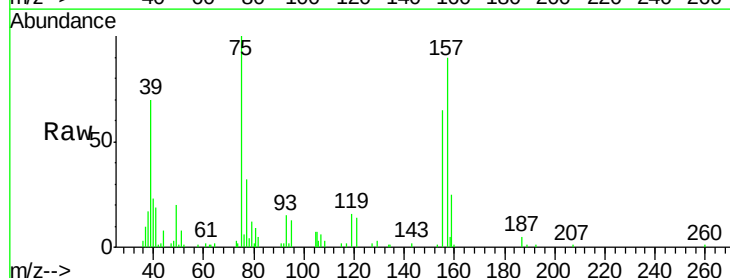
Manual Integrations
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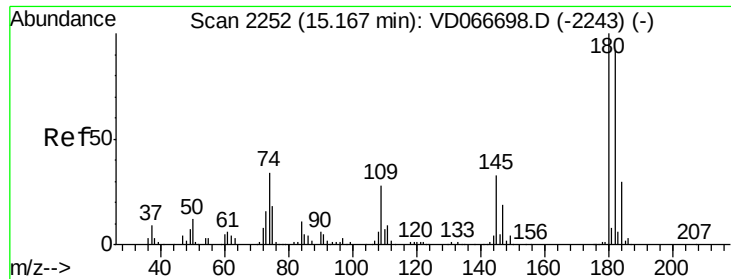
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.004 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	38.9	116.7
157	98.3	46.4	139.2





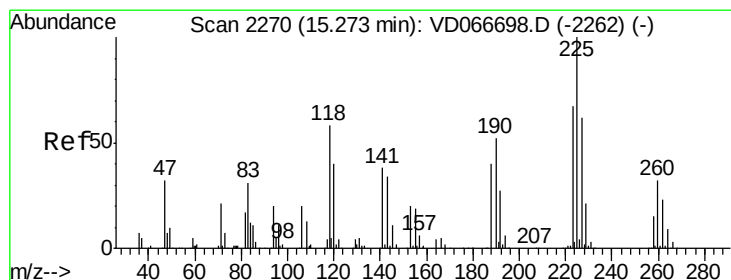
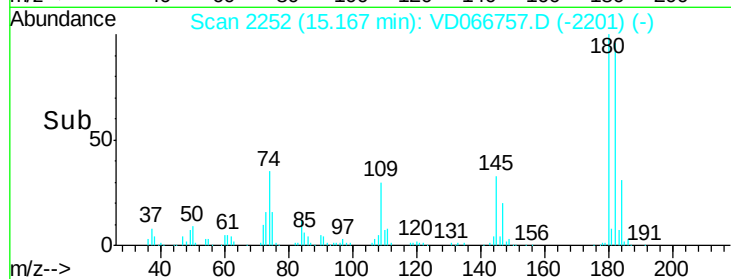
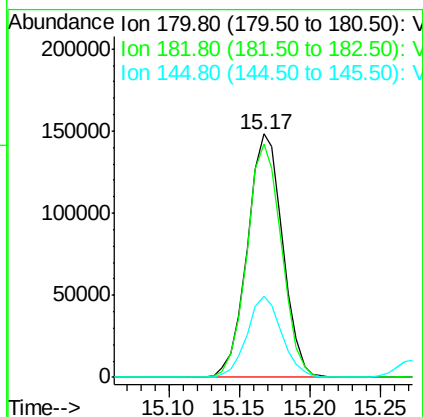
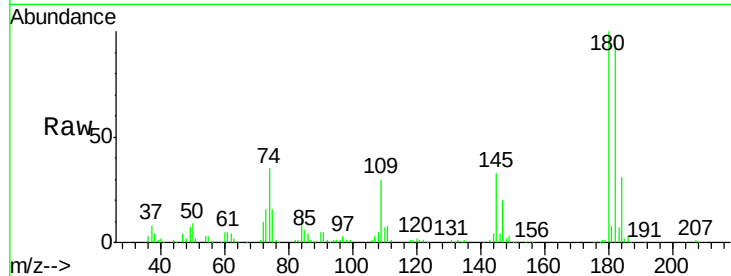
#93
 1,2,4-Trichlorobenzene
 Concen: 53.022 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259482		
182	94.1	46.6	139.7	
145	32.8	16.5	49.5	

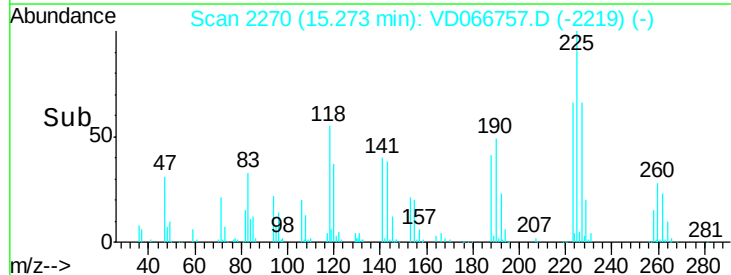
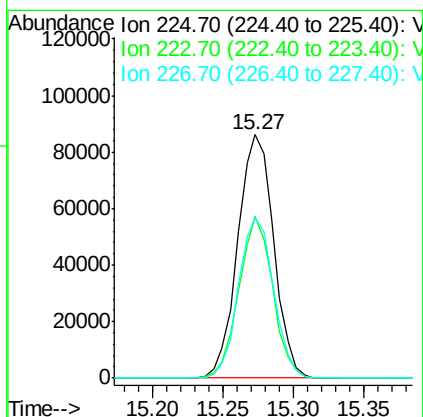
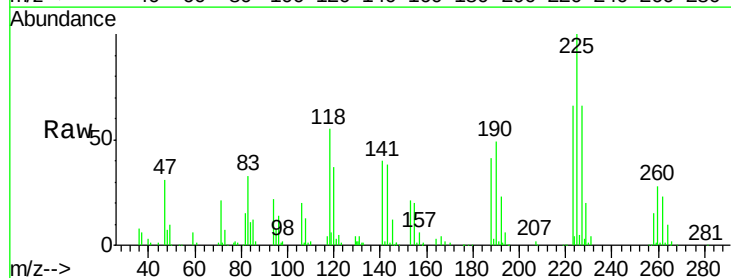
Manual Integrations
 APPROVED

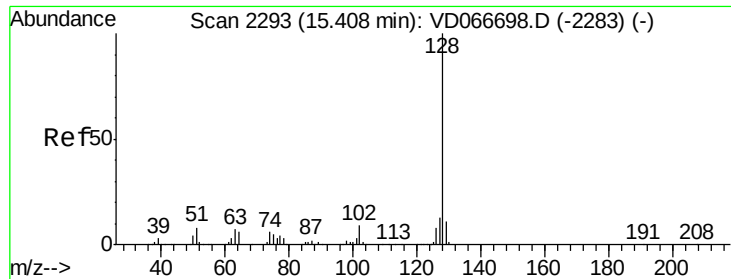
MMDadoda
 9/21/2020 11:48:52 AM



#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066757.D
 Acq: 18 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153684		
223	62.2	31.9	95.9	
227	64.1	31.3	93.9	





#95

Naphthalene

Concen: 53.850 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Instrument :

MSVOA_D

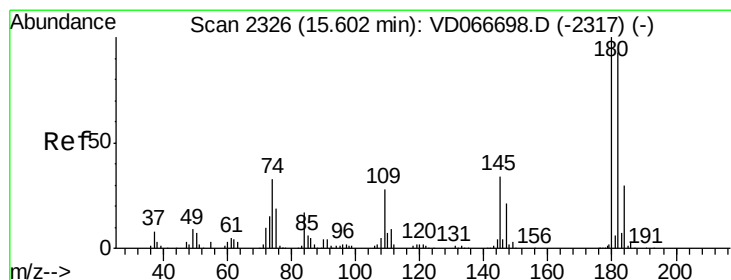
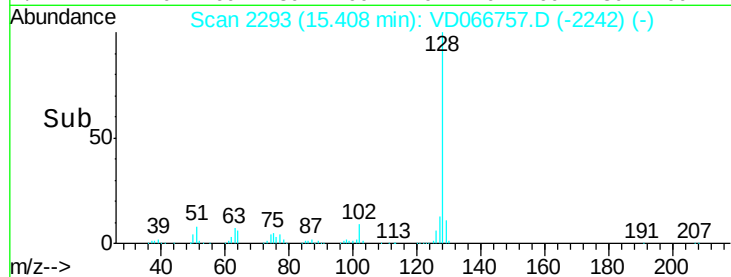
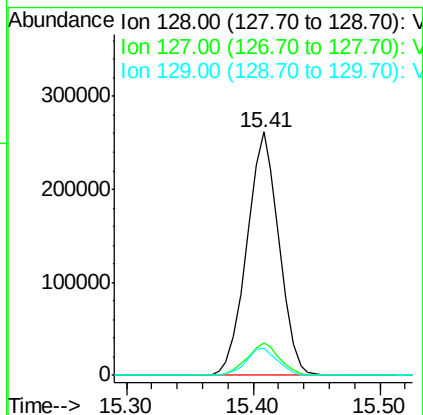
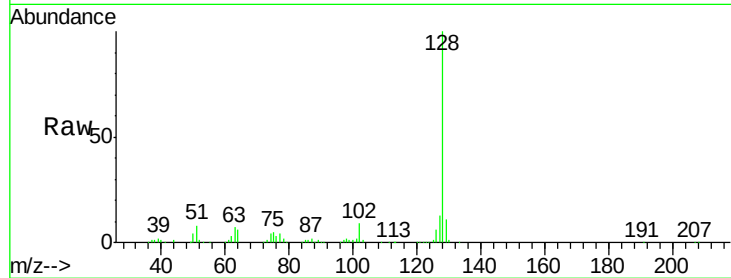
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	460450
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:48:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.572 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066757.D

Acq: 18 Sep 2020 11:06

Tgt Ion:	180	Resp:	220451
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.6	139.8
145	33.6	17.1	51.3

