

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066902.D
 Acq On : 26 Sep 2020 05:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:34 AM

Quant Time: Sep 26 07:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	650712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	176907	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	7.91	113	195540	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.34	98	687238	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.63	95	237989	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116202	42.875	ug/l	93
3) Chloromethane	2.21	50	156159	44.573	ug/l	98
4) Vinyl Chloride	2.35	62	150937	43.608	ug/l	99
5) Bromomethane	2.77	94	123677	50.838	ug/l	97
6) Chloroethane	2.93	64	103406	48.110	ug/l #	87
7) Trichlorofluoromethane	3.28	101	308046	43.336	ug/l	98
8) Diethyl Ether	3.71	74	100036	55.434	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	181381	44.005	ug/l	97
10) Methyl Iodide	4.30	142	192346	52.882	ug/l	96
11) Tert butyl alcohol	5.21	59	61722	279.375	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	175075	46.888	ug/l	96
13) Acrolein	3.93	56	70301	255.346	ug/l	97
14) Allyl chloride	4.71	41	280755	51.206	ug/l	98
15) Acrylonitrile	5.42	53	214373	268.057	ug/l	98
16) Acetone	4.16	43	156510	197.686	ug/l	94
17) Carbon Disulfide	4.41	76	527479	46.207	ug/l	100
18) Methyl Acetate	4.72	43	124233	71.918	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	460723	56.818	ug/l	96
20) Methylene Chloride	4.97	84	244807	58.255	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	225891	52.248	ug/l	97
22) Diisopropyl ether	6.37	45	619581	54.960	ug/l	96
23) Vinyl Acetate	6.31	43	1524052	249.014	ug/l	98
24) 1,1-Dichloroethane	6.27	63	382537	50.723	ug/l	96
25) 2-Butanone	7.21	43	250224	263.000	ug/l	97
26) 2,2-Dichloropropane	7.21	77	289781	41.922	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	259667	55.278	ug/l	95
28) Bromochloromethane	7.54	49	172626	55.406	ug/l #	93
29) Tetrahydrofuran	7.56	42	170216	279.214	ug/l	97
30) Chloroform	7.71	83	423364	52.078	ug/l	97
31) Cyclohexane	7.98	56	285268	42.038	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	368518	50.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	286598	44.395	ug/l	98
37) Ethyl Acetate	7.29	43	116045	49.725	ug/l	97
38) Carbon Tetrachloride	8.10	117	316089	44.786	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	325056	43.856	ug/l	99
40) Benzene	8.35	78	907045	50.415	ug/l	94
41) Methacrylonitrile	7.52	41	62154	43.307	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	259453	48.781	ug/l	99
43) Isopropyl Acetate	8.45	43	228352	50.752	ug/l	99
44) Trichloroethene	9.11	130	249114	48.577	ug/l	97
45) 1,2-Dichloropropane	9.38	63	228437	50.464	ug/l	99
46) Dibromomethane	9.47	93	125133	50.878	ug/l	94
47) Bromodichloromethane	9.66	83	330356	50.001	ug/l	97
48) Methyl methacrylate	9.46	41	111346	50.193	ug/l	94
49) 1,4-Dioxane	9.46	88	28314	1016.902	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	605298	265.500	ug/l	99
52) Toluene	10.40	92	602098	51.954	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	285761	50.816	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	347461	50.674	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	175497	51.906	ug/l	95
56) Ethyl methacrylate	10.66	69	205711	56.794	ug/l	96
57) 1,3-Dichloropropane	10.94	76	288198	51.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	414095	241.451	ug/l	98
59) 2-Hexanone	10.98	43	403598	262.508	ug/l	95
60) Dibromochloromethane	11.14	129	230637	52.266	ug/l	99
61) 1,2-Dibromoethane	11.24	107	169643	53.944	ug/l	100
64) Tetrachloroethene	10.87	164	219367	50.421	ug/l	96
65) Chlorobenzene	11.67	112	632038	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	243728	51.149	ug/l	98
67) Ethyl Benzene	11.74	91	1114962	50.423	ug/l	100
68) m/p-Xylenes	11.85	106	852035	101.773	ug/l	99
69) o-Xylene	12.18	106	392318	51.824	ug/l	100
70) Styrene	12.19	104	705989	53.702	ug/l	99
71) Bromoform	12.36	173	128078	53.087	ug/l #	99
73) Isopropylbenzene	12.48	105	1059043	52.380	ug/l	97
74) N-amyl acetate	12.28	43	197711	50.075	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	181994	52.166	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	109195m	47.079	ug/l	
77) Bromobenzene	12.76	156	254991	53.925	ug/l	96
78) n-propylbenzene	12.82	91	1243013	51.103	ug/l	99
79) 2-Chlorotoluene	12.91	91	721185	52.030	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	892823	52.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	50315	54.274	ug/l	96
82) 4-Chlorotoluene	13.00	91	759429	51.975	ug/l	99
83) tert-Butylbenzene	13.23	119	752625	53.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	903730	53.124	ug/l	100
85) sec-Butylbenzene	13.40	105	1023440	50.486	ug/l	100
86) p-Isopropyltoluene	13.52	119	945300	51.733	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	476113	50.964	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	467043	50.335	ug/l	99
89) n-Butylbenzene	13.84	91	842317	48.498	ug/l	100
90) Hexachloroethane	14.11	117	186527	50.281	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	417162	52.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30142	53.708	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	270616	53.786	ug/l	97
94) Hexachlorobutadiene	15.27	225	149708	49.654	ug/l	99
95) Naphthalene	15.41	128	501248	58.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	234547	54.010	ug/l	97

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

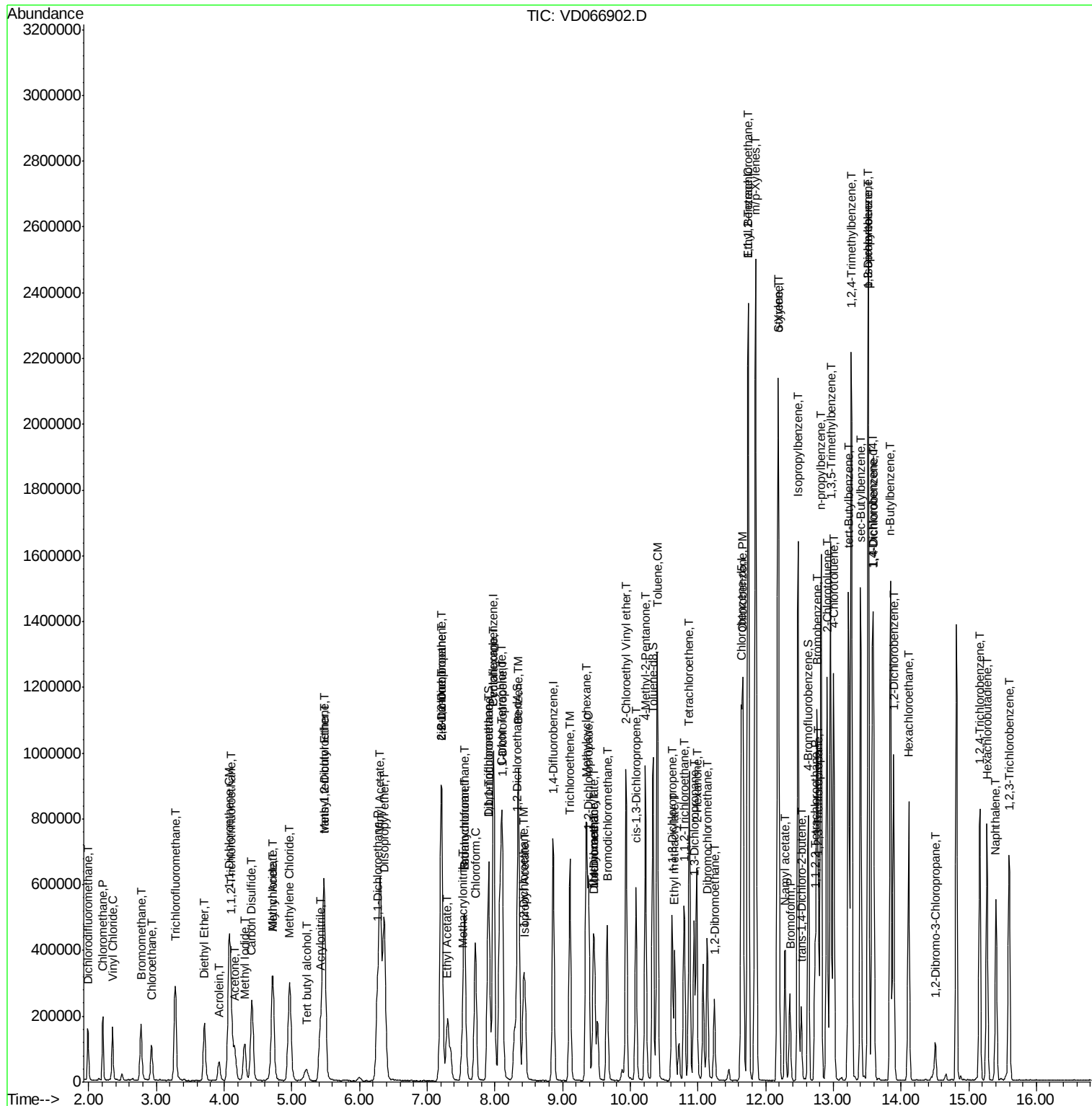
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066902.D
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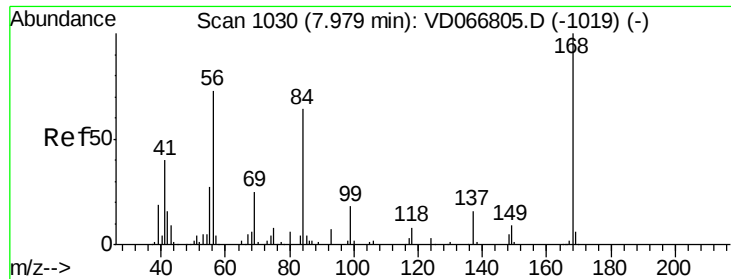
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 381311

Ion Ratio Lower Upper

168 100

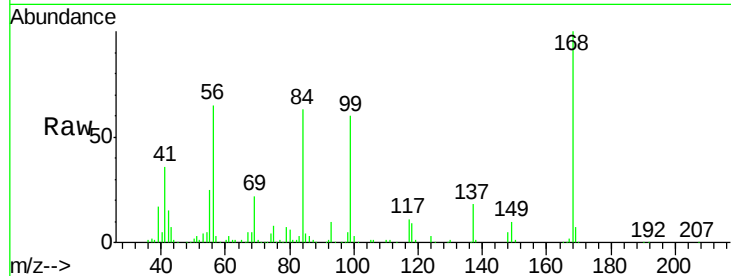
99 59.6 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

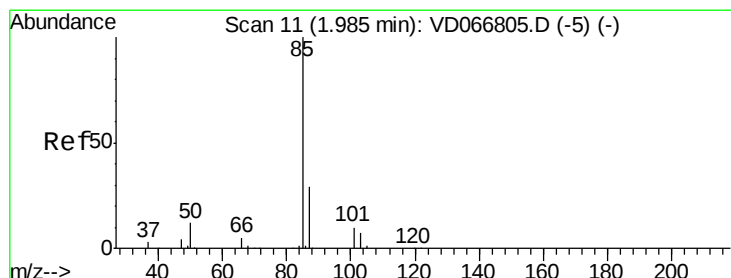
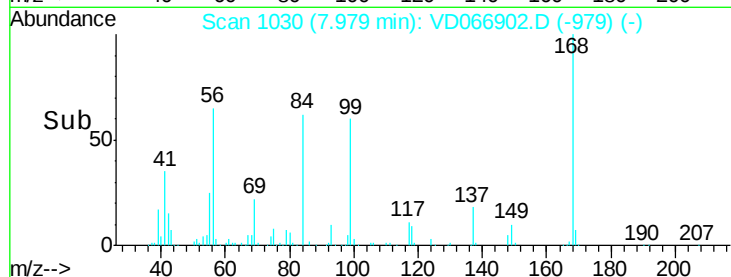
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.875 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066902.D

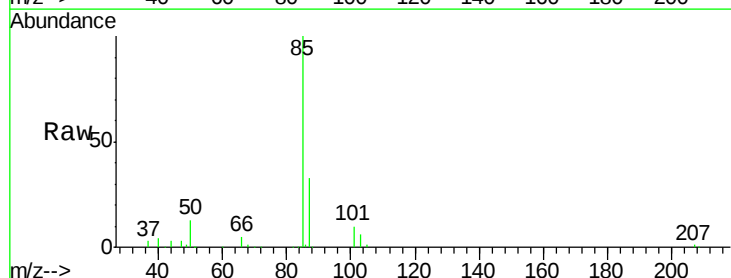
Acq: 26 Sep 2020 05:50

Tgt Ion: 85 Resp: 116202

Ion Ratio Lower Upper

85 100

87 32.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

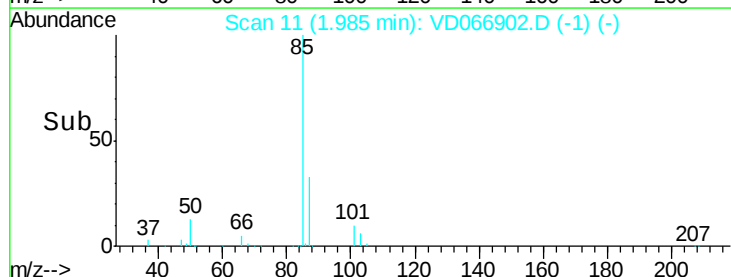
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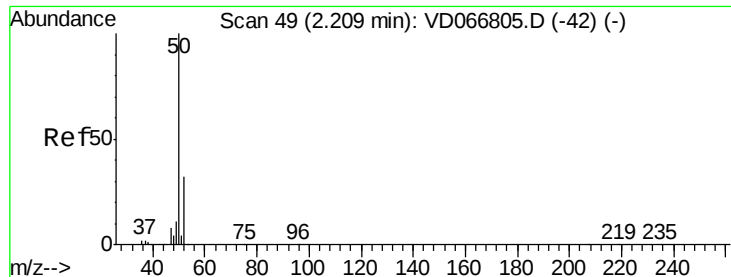
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 44.573 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 156159

Ion Ratio Lower Upper

50 100

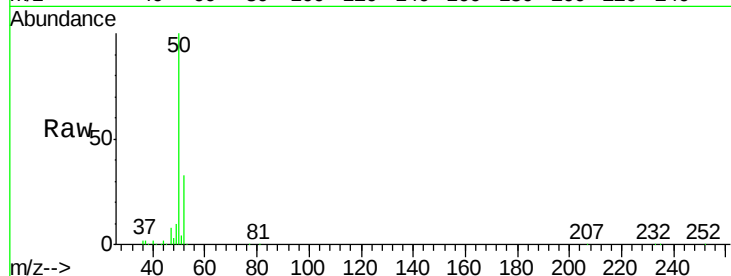
52 33.2 25.5 38.3

Manual Integrations

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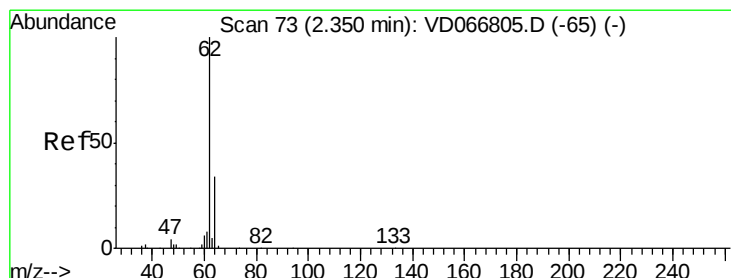
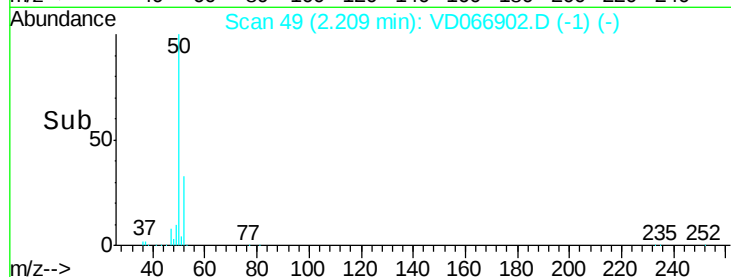
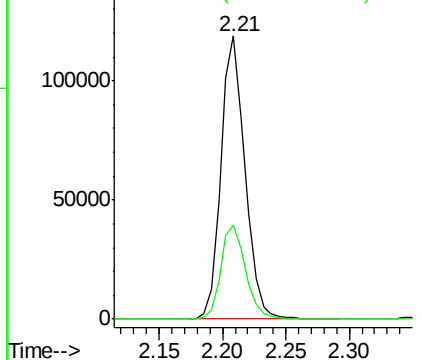
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.608 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066902.D

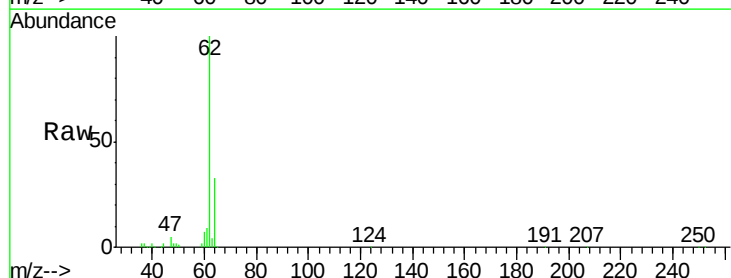
Acq: 26 Sep 2020 05:50

Tgt Ion: 62 Resp: 150937

Ion Ratio Lower Upper

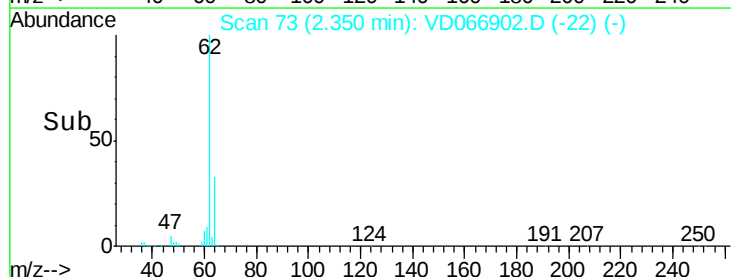
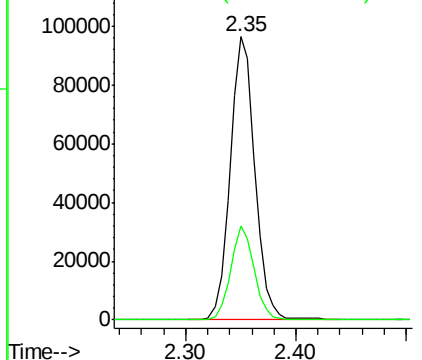
62 100

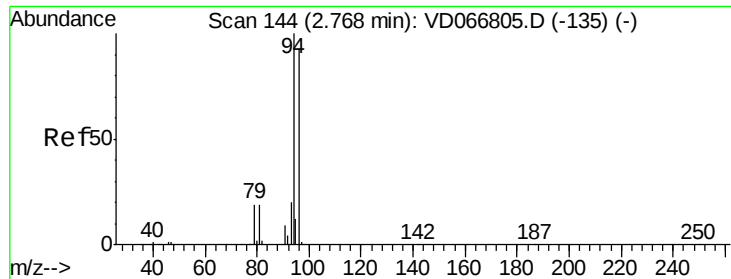
64 33.2 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.838 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 123677

Ion Ratio Lower Upper

94 100

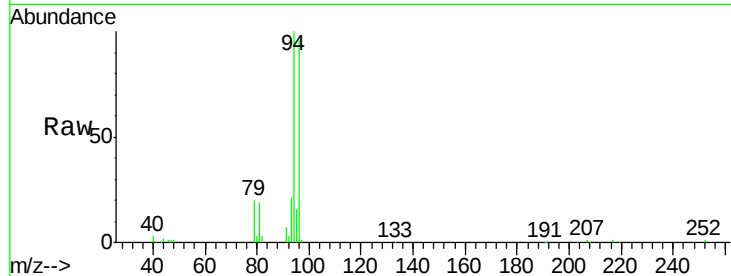
96 95.7 74.3 111.5

Manual Integrations

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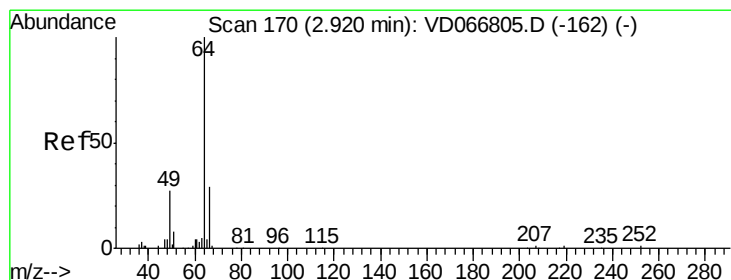
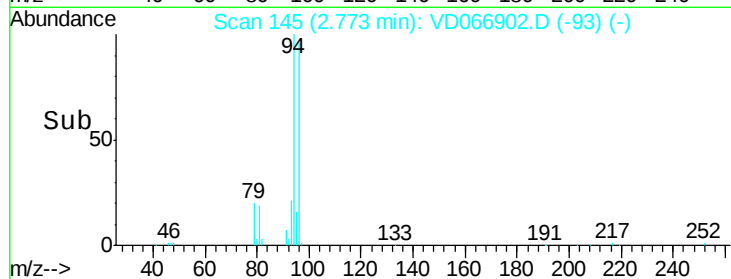
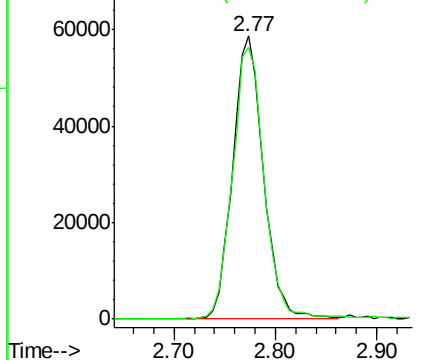
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.110 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066902.D

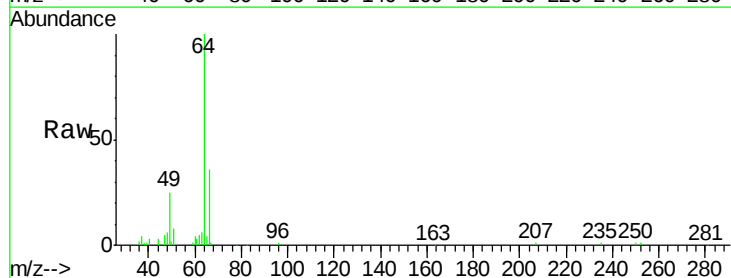
Acq: 26 Sep 2020 05:50

Tgt Ion: 64 Resp: 103406

Ion Ratio Lower Upper

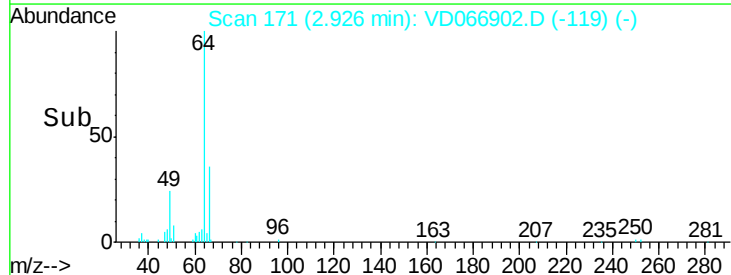
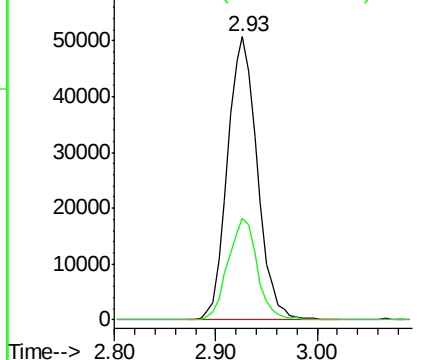
64 100

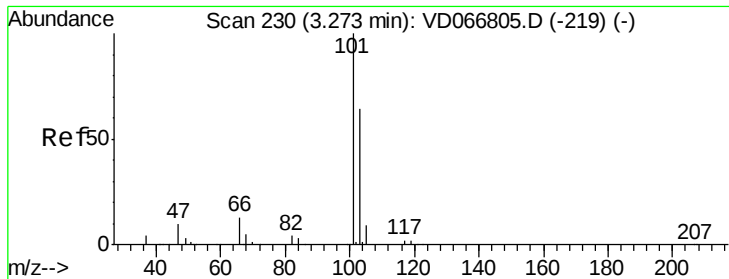
66 36.0 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

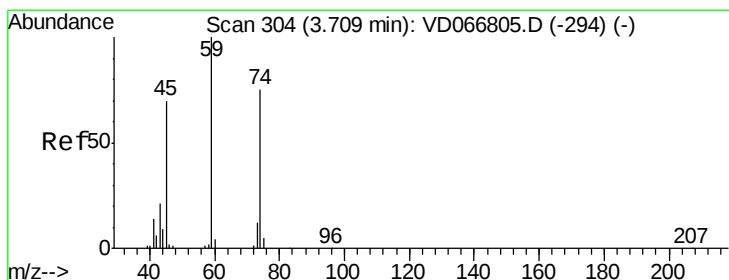
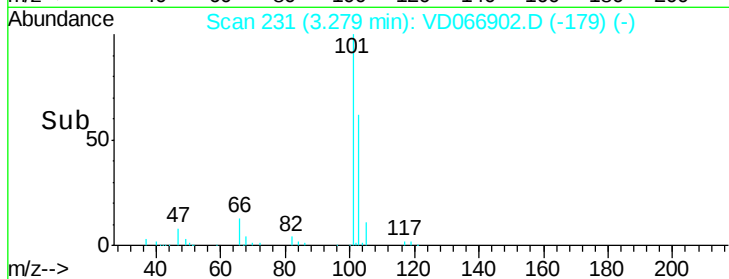
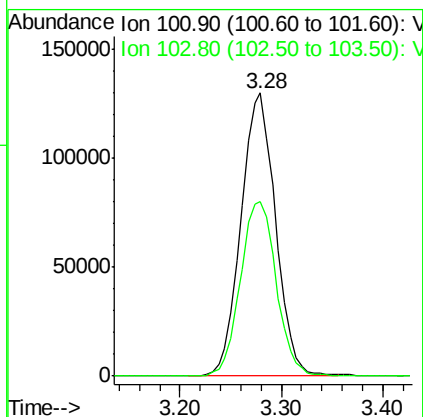
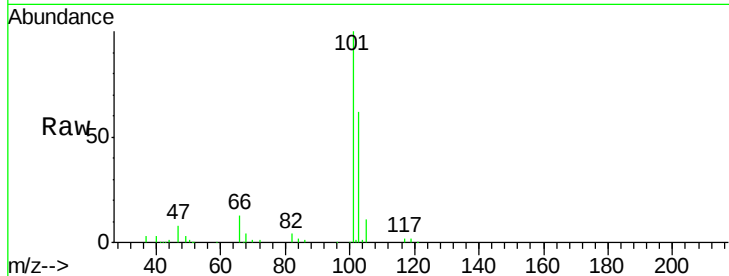
Trichlorofluoromethane
 Concen: 43.336 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		308046		
103	61.9	51.0	76.6		

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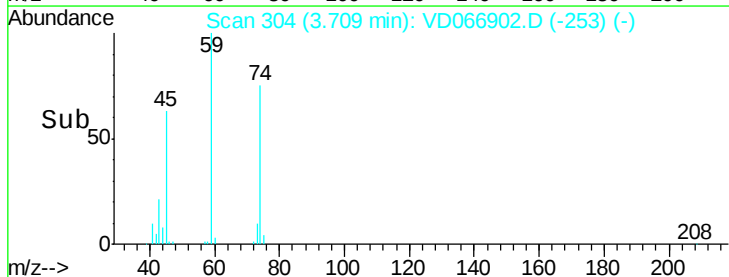
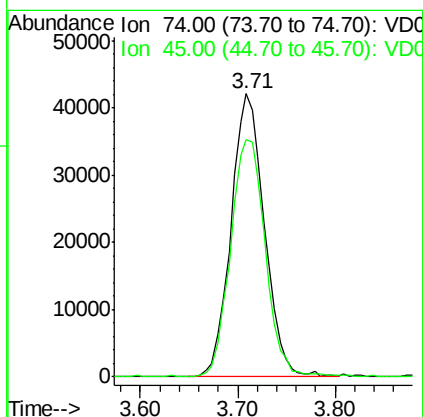
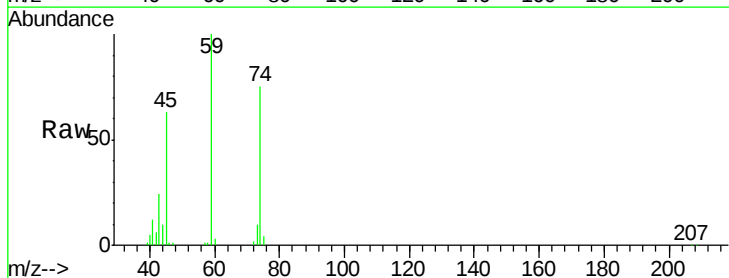
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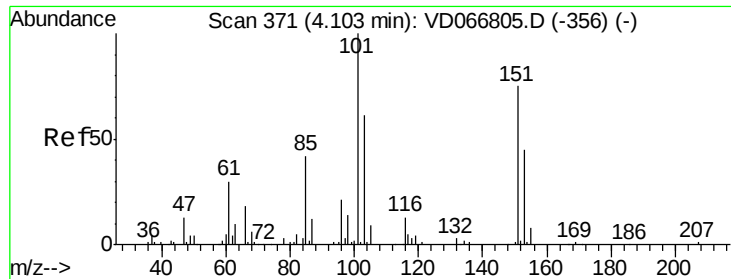


#8

Diethyl Ether
 Concen: 55.434 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		100036		
45	87.8	46.0	138.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.005 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

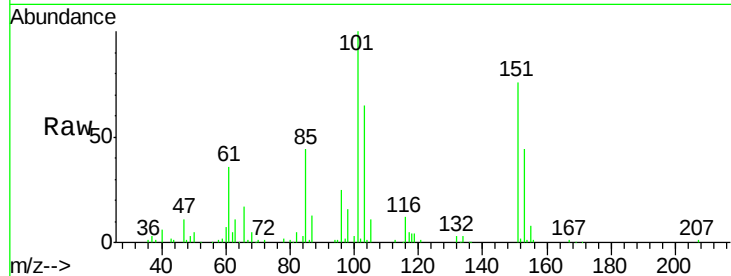
ClientSampleId :

VSTDCCC050EC

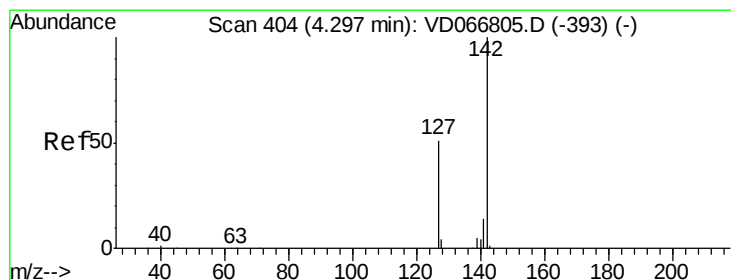
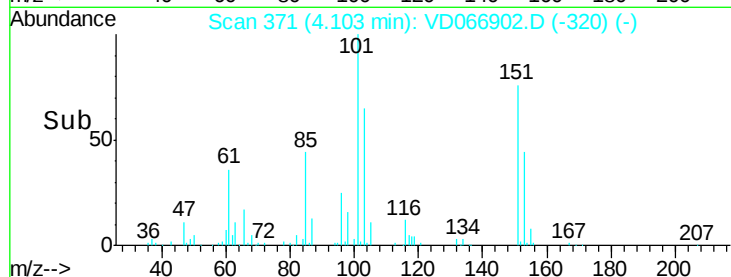
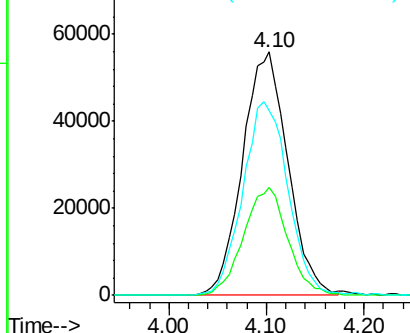
Tot Ion:	101	Resp:	181381
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.4	53.2
151	79.5	61.4	92.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.882 ug/l

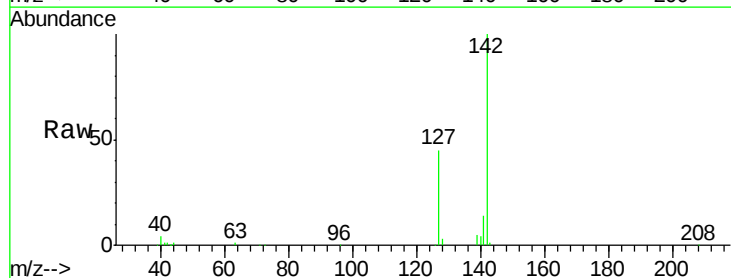
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

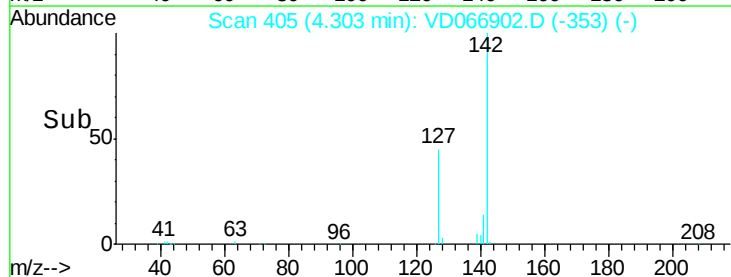
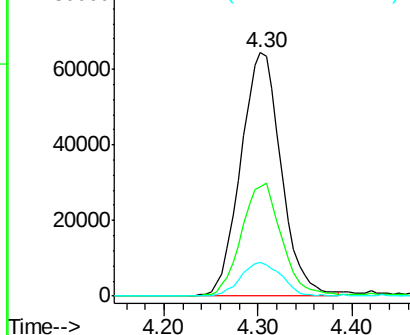
Lab File: VD066902.D

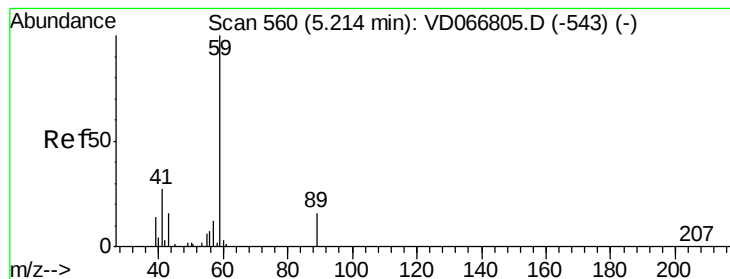
Acq: 26 Sep 2020 05:50

Tgt Ion:	142	Resp:	192346
Ion Ratio	Lower	Upper	
142	100		
127	46.0	39.4	59.0
141	14.2	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

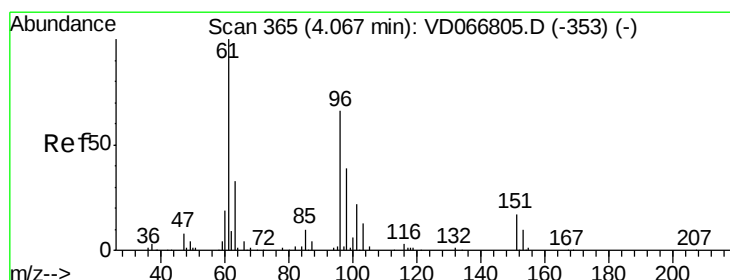
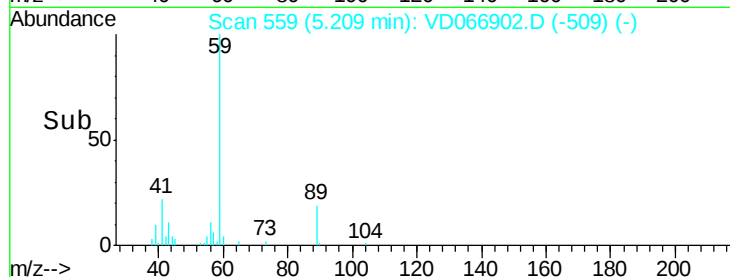
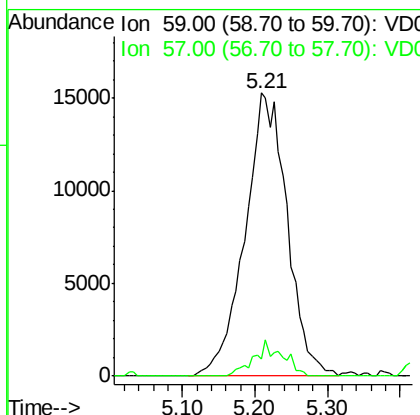
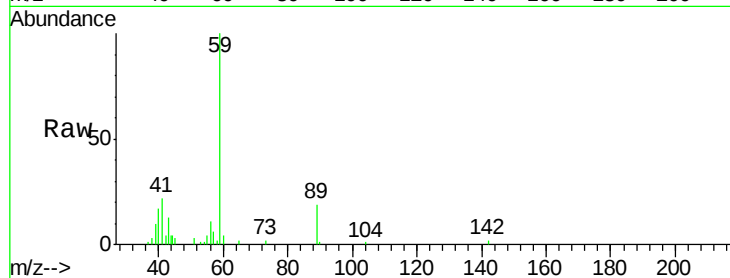
Tert butyl alcohol
 Concen: 279.375 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.3	12.5#

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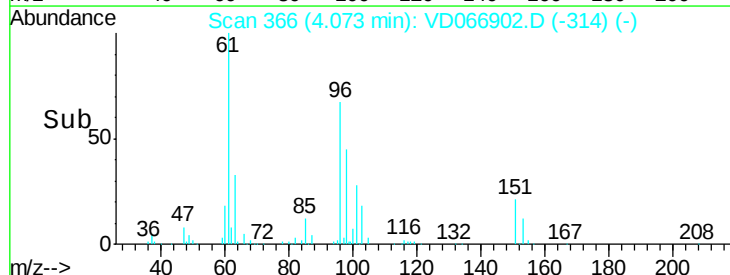
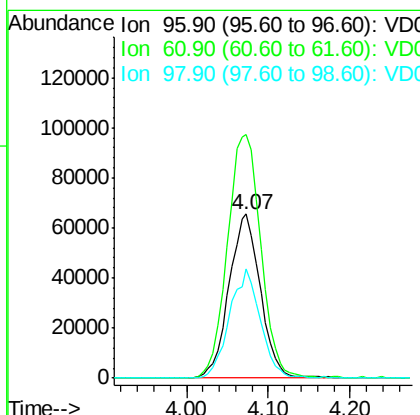
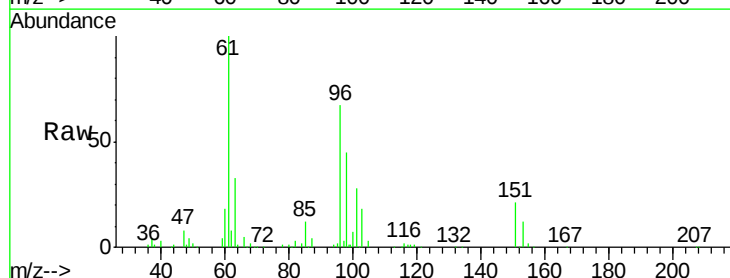
MMDadoda
 9/29/2020 11:45:34 AM

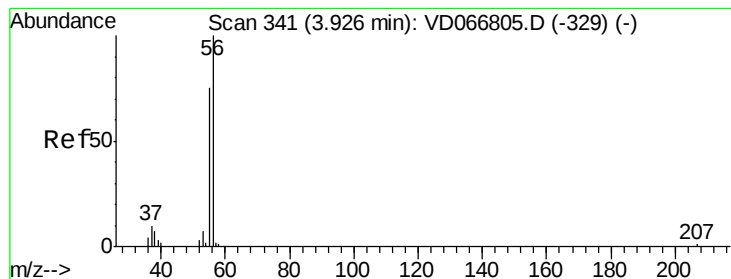


#12

1,1-Dichloroethene
 Concen: 46.888 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	120.8	181.2
98	67.0	47.7	71.5





#13

Acrolein

Concen: 255.346 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70301

Ion Ratio Lower Upper

56 100

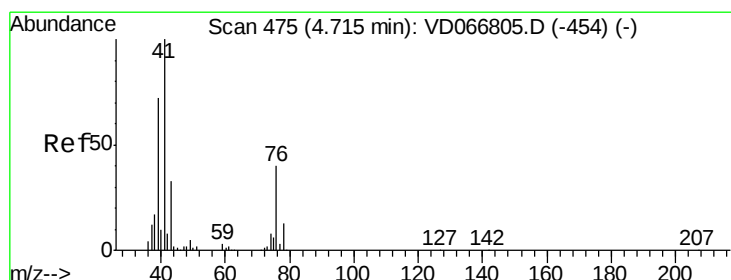
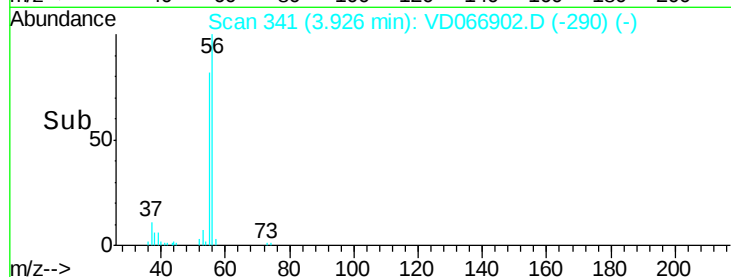
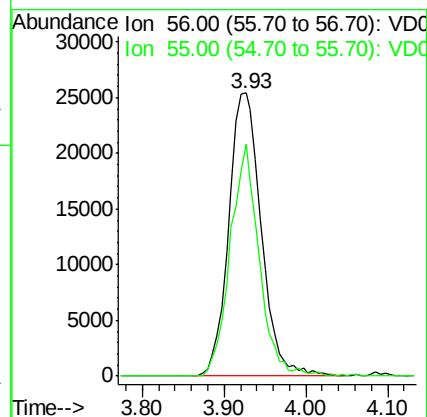
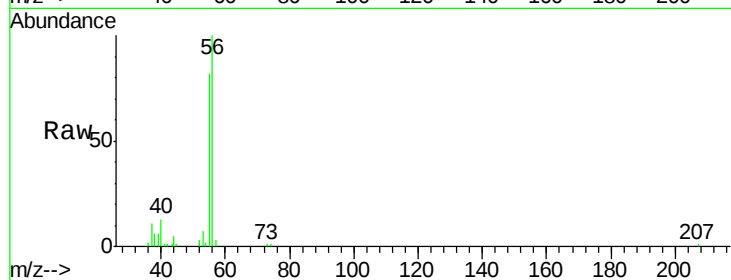
55 73.1 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 51.206 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

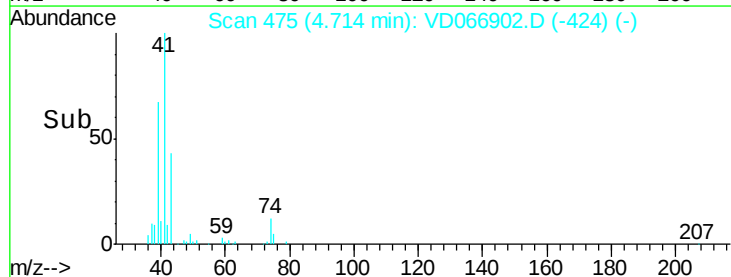
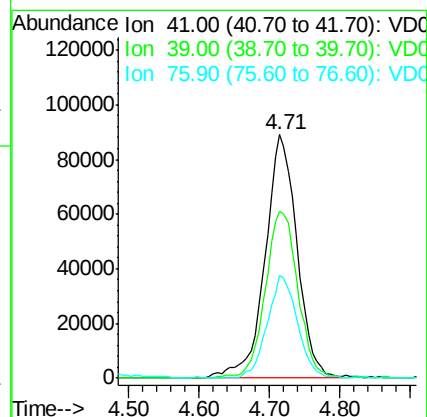
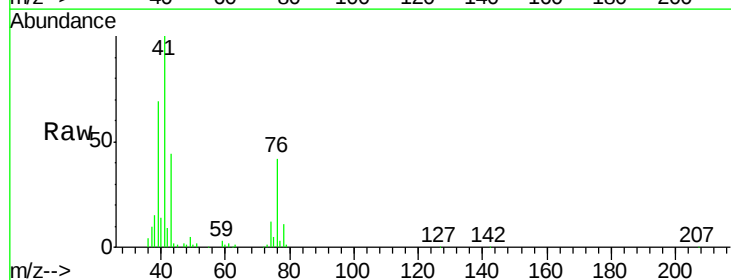
Tgt Ion: 41 Resp: 280755

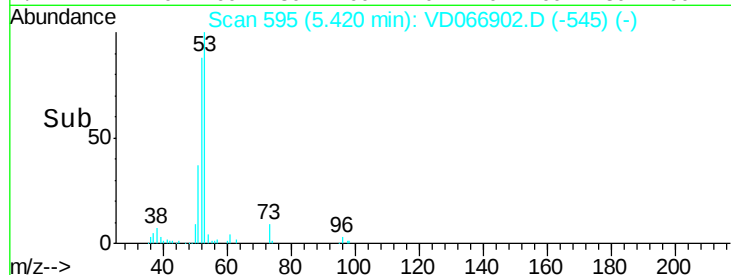
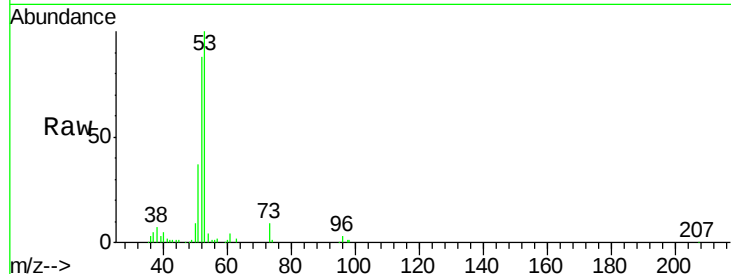
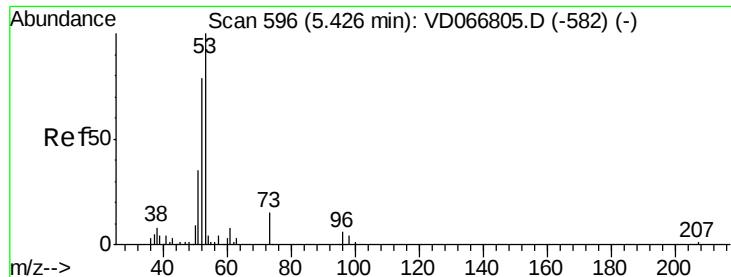
Ion Ratio Lower Upper

41 100

39 69.9 57.8 86.8

76 39.3 30.9 46.3





#15

Acrylonitrile

Concen: 268.057 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066902.D

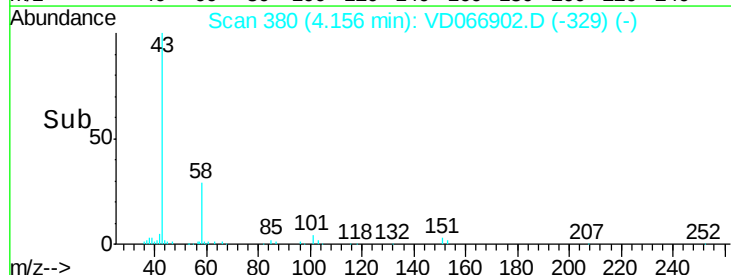
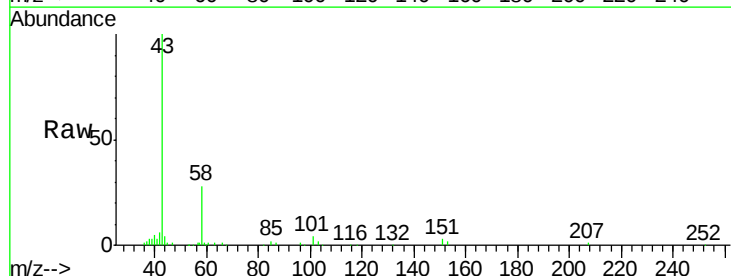
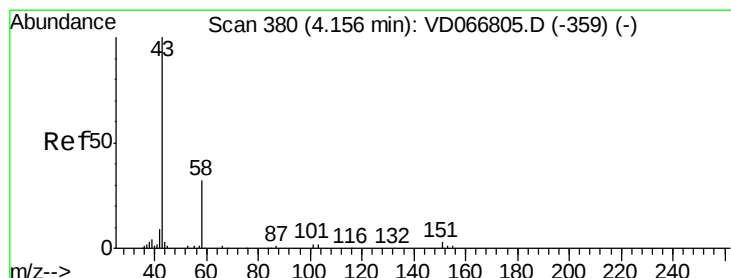
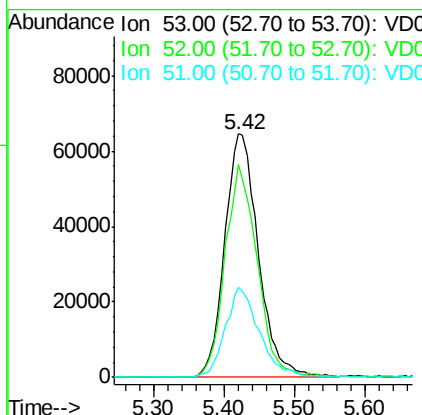
Acq: 26 Sep 2020 05:50

Tot Ion:	53	Resp:	214373
Ion Ratio	Lower	Upper	
53	100		
52	83.2	65.2	97.8
51	37.5	30.6	46.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#16

Acetone

Concen: 197.686 ug/l

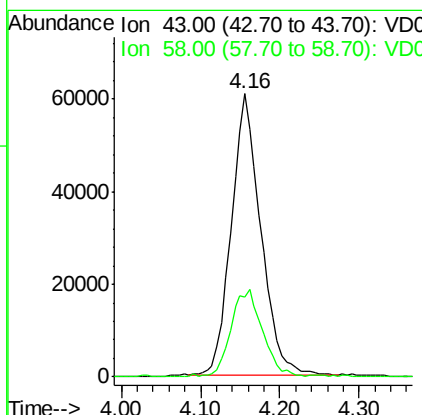
RT: 4.16 min Scan# 380

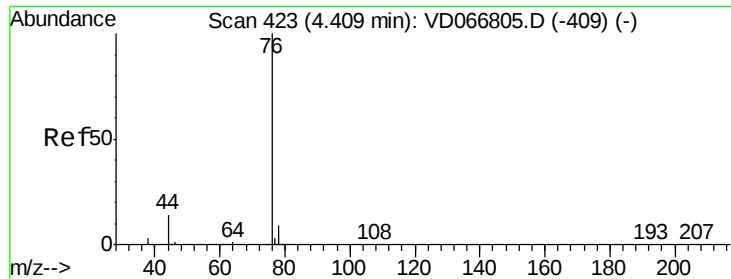
Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion:	43	Resp:	156510
Ion Ratio	Lower	Upper	
43	100		
58	28.6	25.6	38.4





#17

Carbon Disulfide

Concen: 46.207 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 527479

Ion Ratio Lower Upper

76 100

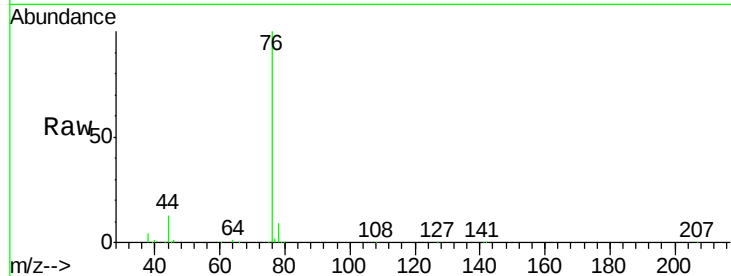
78 9.4 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

200000

150000

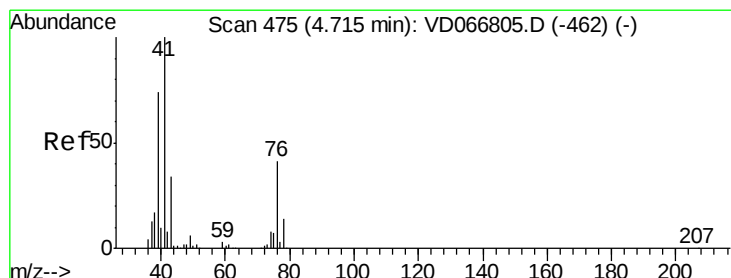
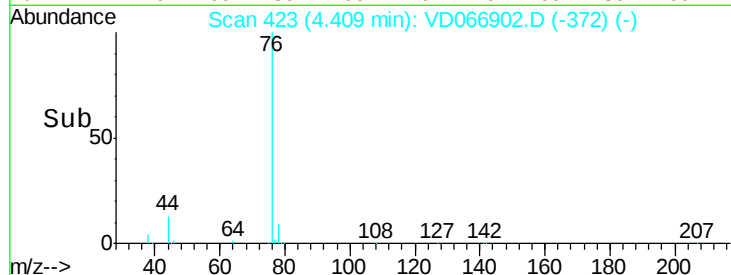
100000

50000

0

4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 71.918 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066902.D

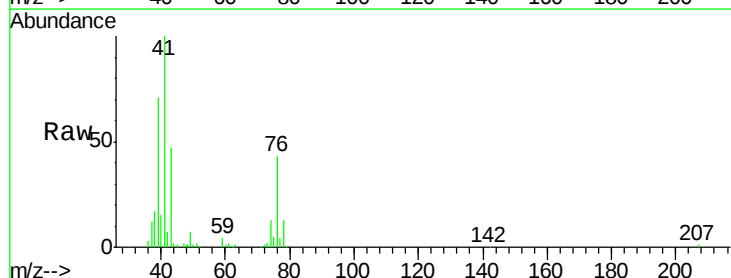
Acq: 26 Sep 2020 05:50

Tgt Ion: 43 Resp: 124233

Ion Ratio Lower Upper

43 100

74 26.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

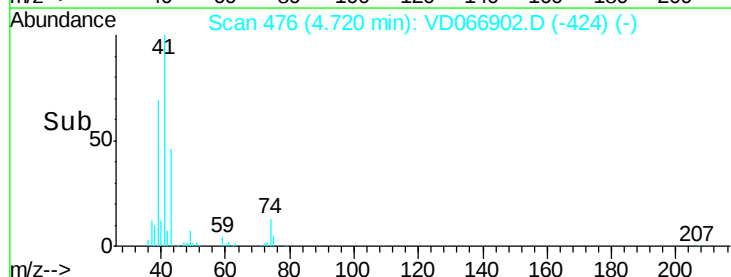
20000

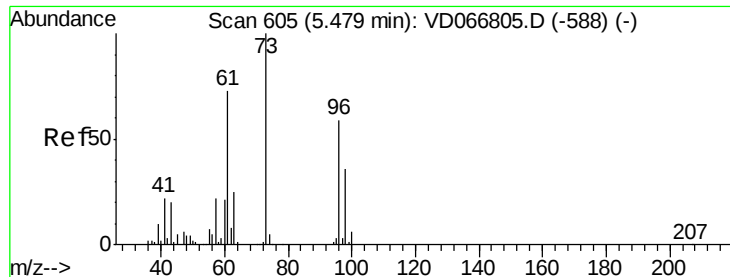
10000

0

4.60 4.70 4.80 4.90

Time-->





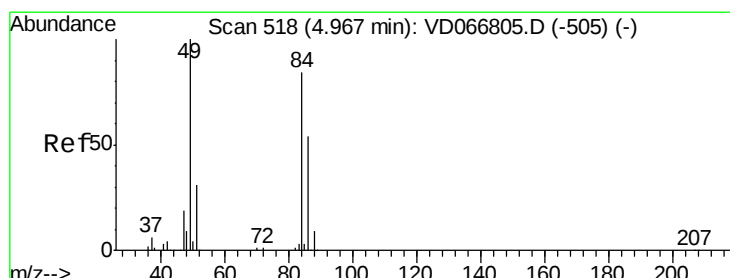
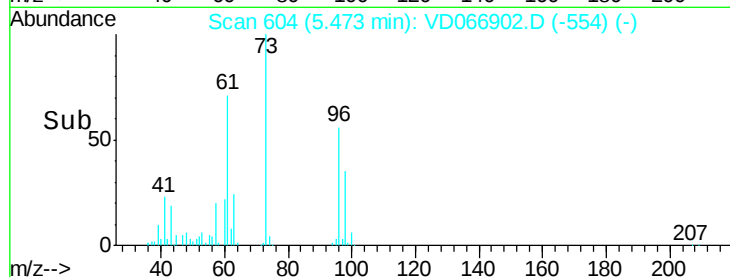
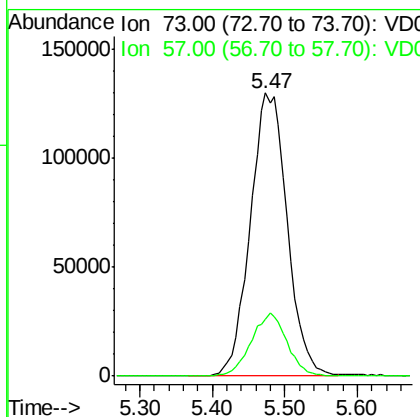
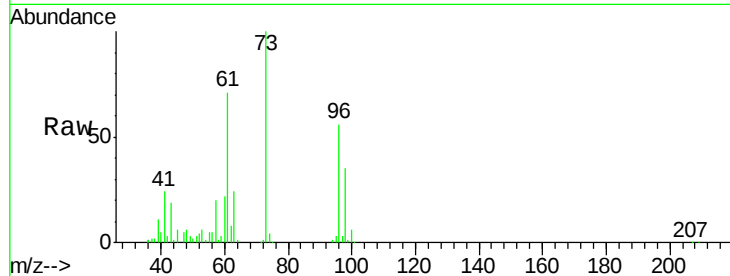
#19
Methyl tert-butyl Ether
Concen: 56.818 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.4	26.2

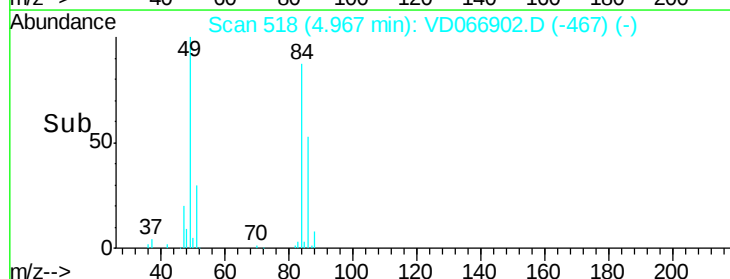
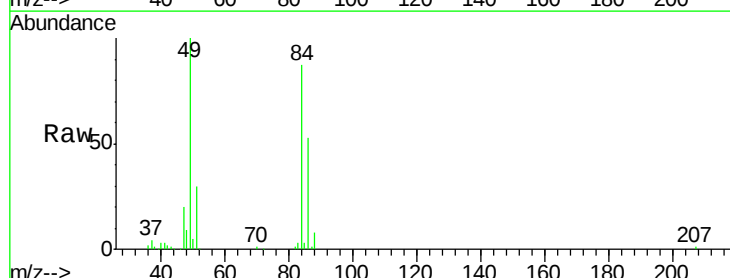
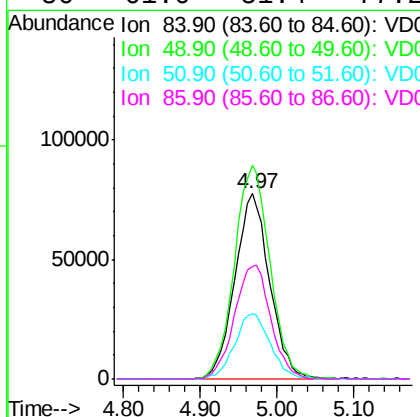
Manual Integrations
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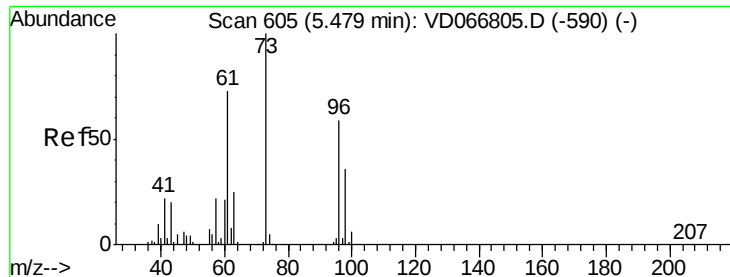
MMDadoda
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#20
Methylene Chloride
Concen: 58.255 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.2	95.4	143.2
51	35.0	29.7	44.5
86	61.0	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

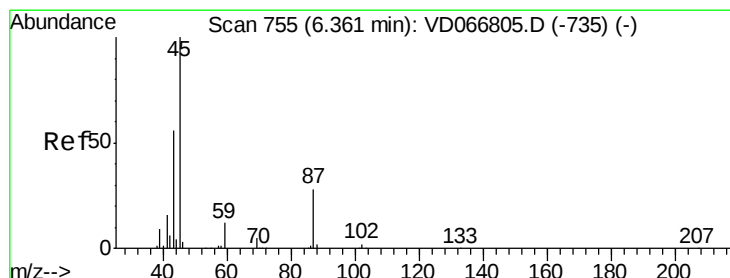
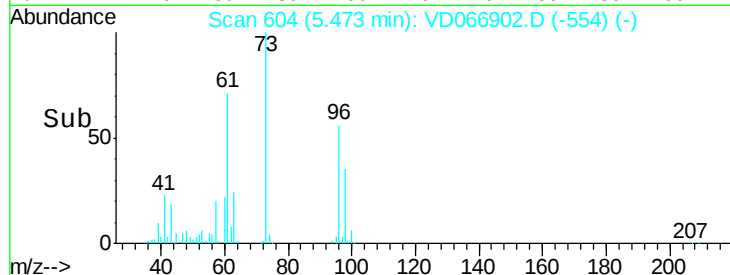
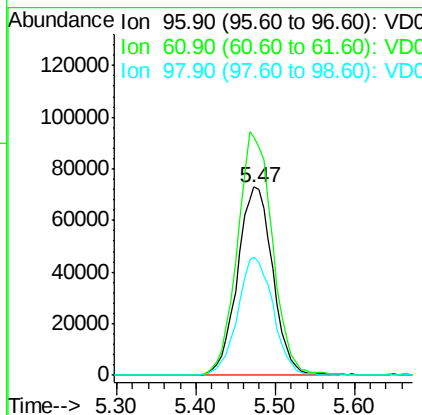
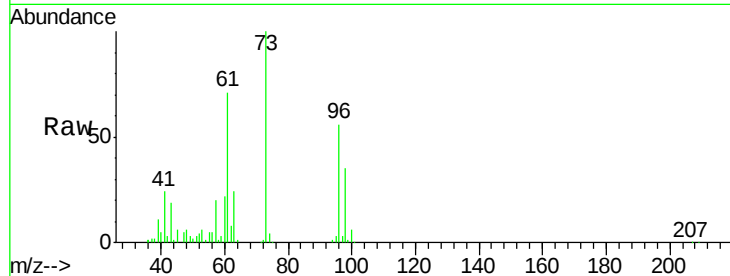
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	225891
Ion	Ratio	Lower	Upper
96	100		
61	126.5	98.9	148.3
98	62.8	48.4	72.6

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#22

Diisopropyl ether

Concen: 54.960 ug/l

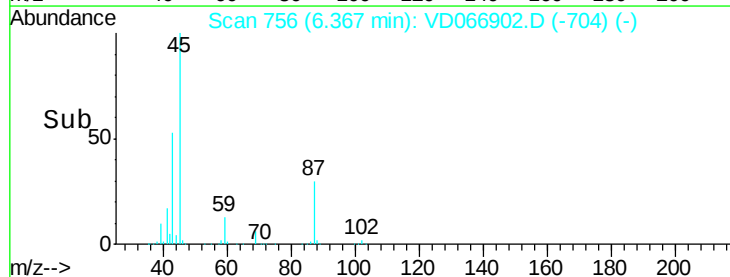
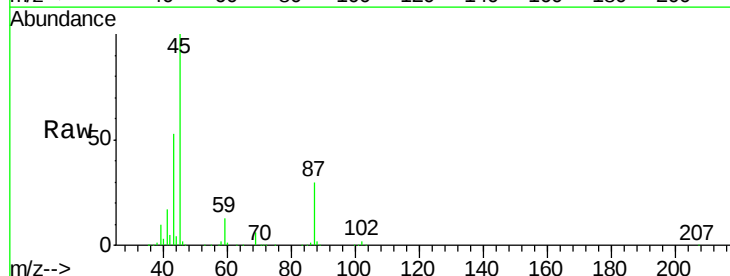
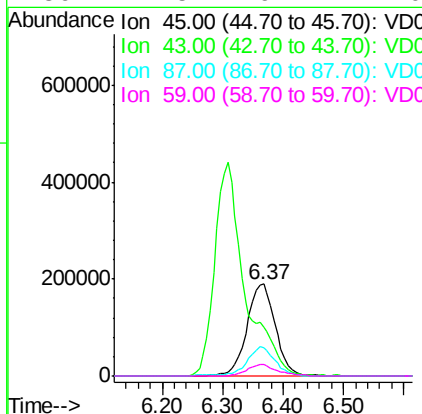
RT: 6.37 min Scan# 756

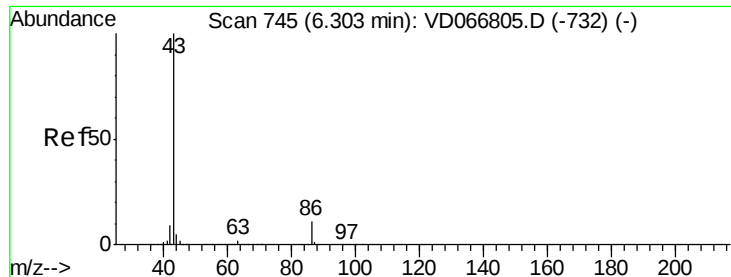
Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion:	45	Resp:	619581
Ion	Ratio	Lower	Upper
45	100		
43	52.2	44.5	66.7
87	30.3	22.9	34.3
59	12.5	9.4	14.0





#23

Vinyl Acetate

Concen: 249.014 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1524052

Ion Ratio Lower Upper

43 100

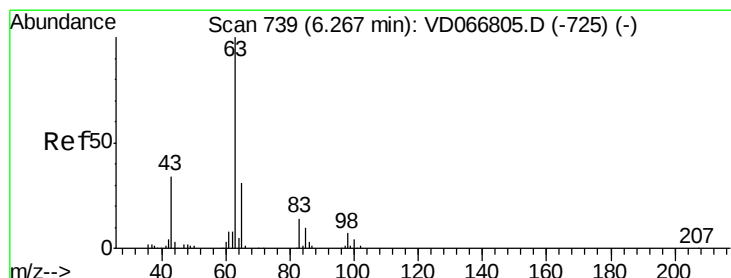
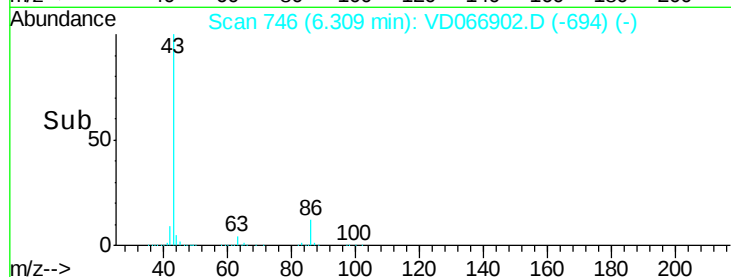
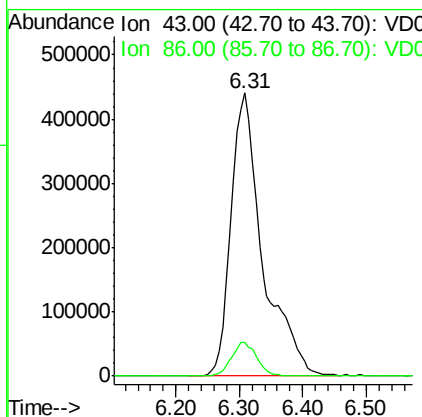
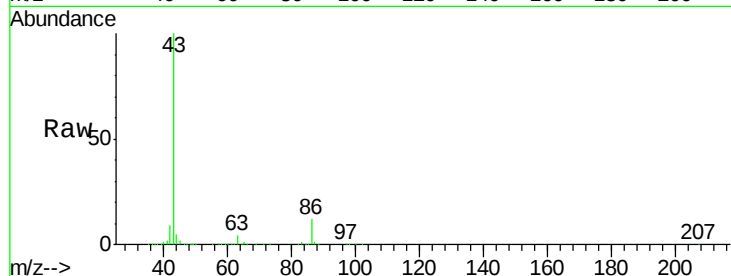
86 11.9 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.723 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

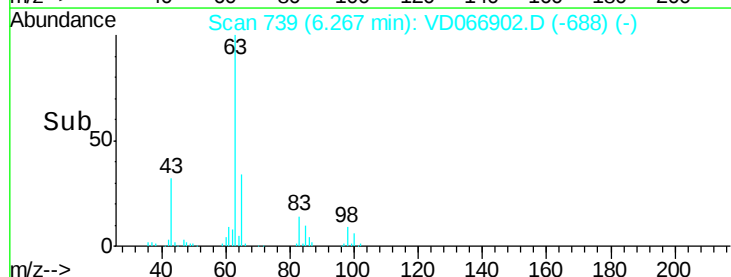
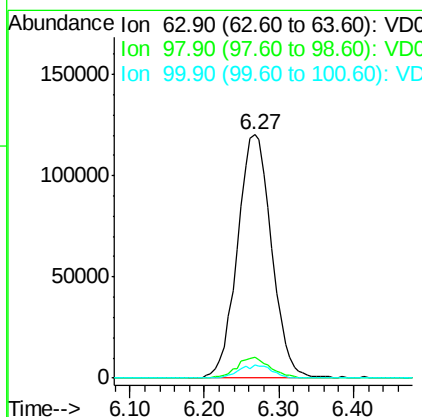
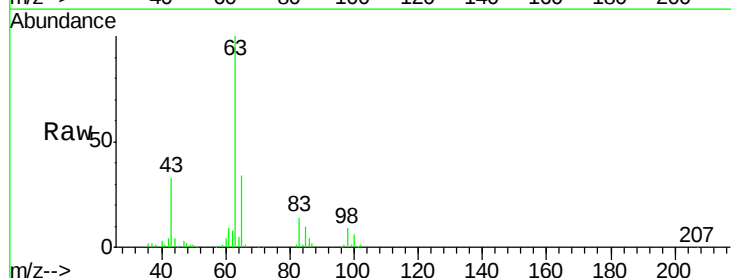
Tgt Ion: 63 Resp: 382537

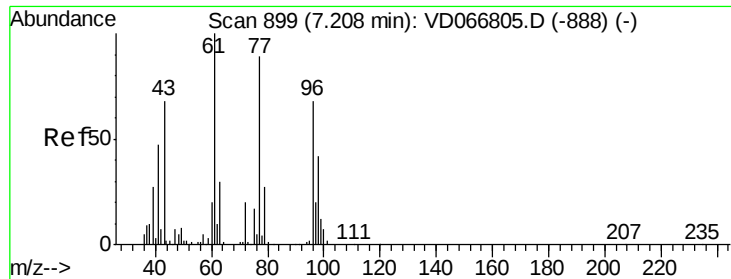
Ion Ratio Lower Upper

63 100

98 8.6 3.7 11.1

100 5.5 1.8 5.5





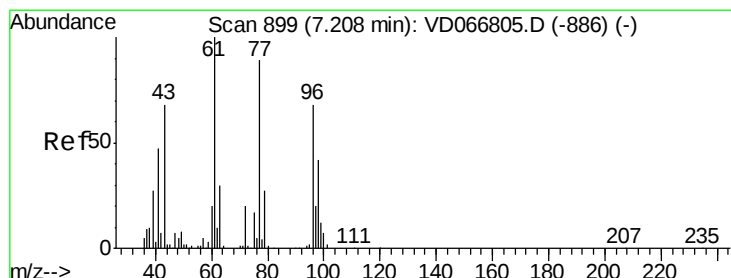
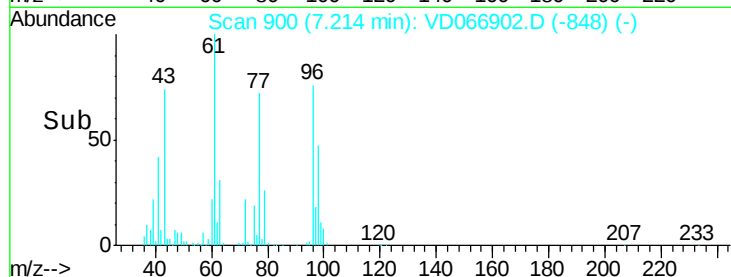
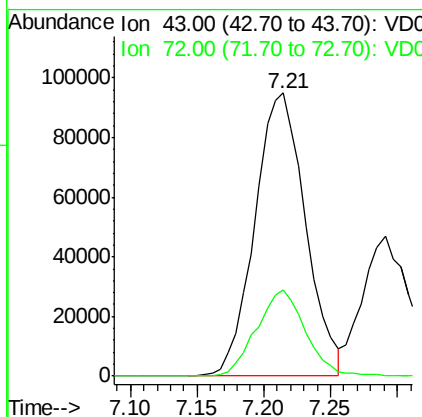
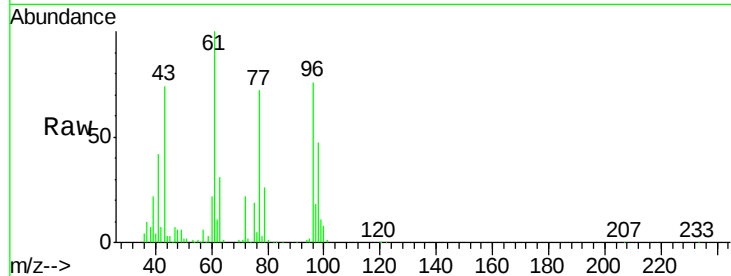
#25
2-Butanone
Concen: 263.000 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 250224
Ion Ratio Lower Upper
43 100
72 30.3 22.9 34.3

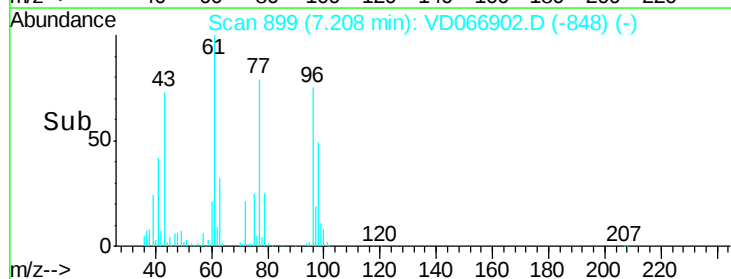
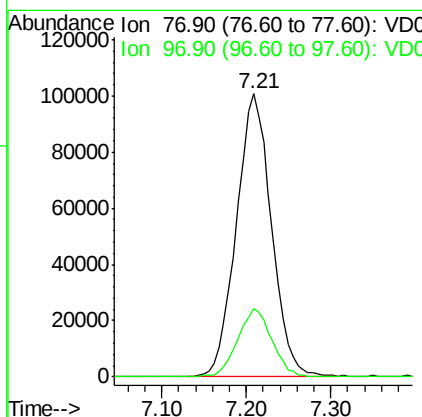
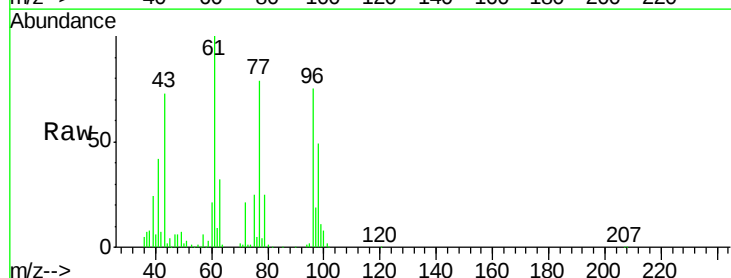
Manual Integrations
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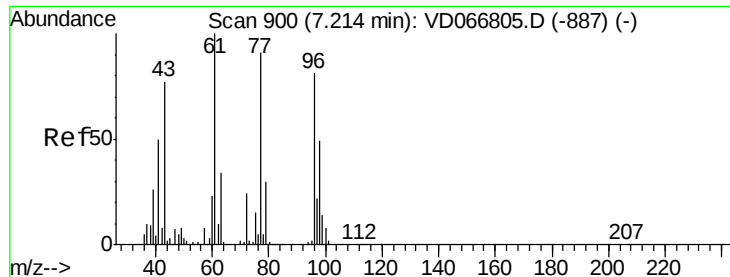
MMDadoda
9/29/2020 11:45:34 AM



#26
2,2-Dichloropropane
Concen: 41.922 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 77 Resp: 289781
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27

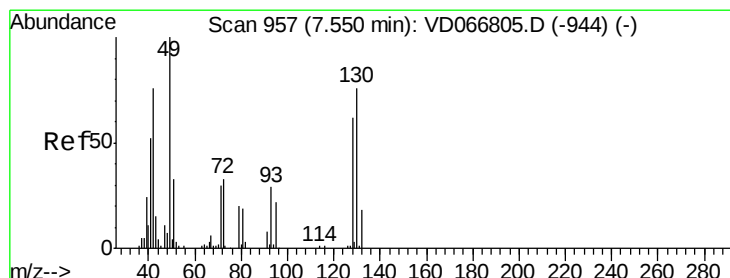
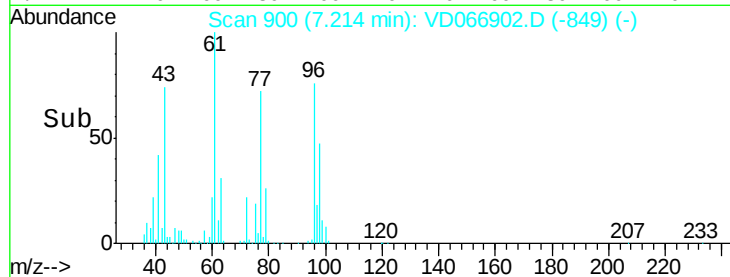
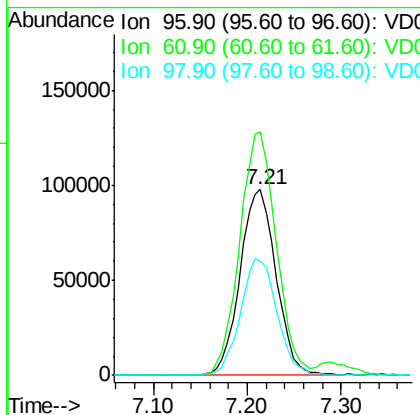
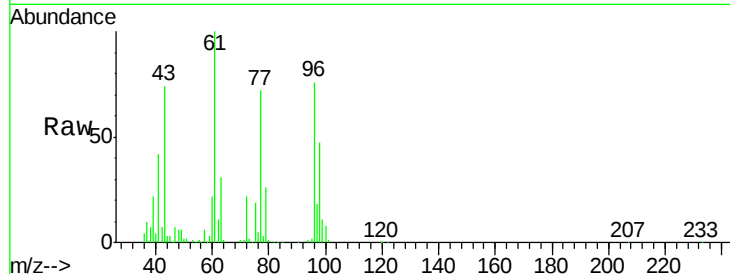
cis-1,2-Dichloroethene
 Concen: 55.278 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	259667		
61	133.2		0.0	283.8
98	63.7		0.0	128.4

Manual Integrations
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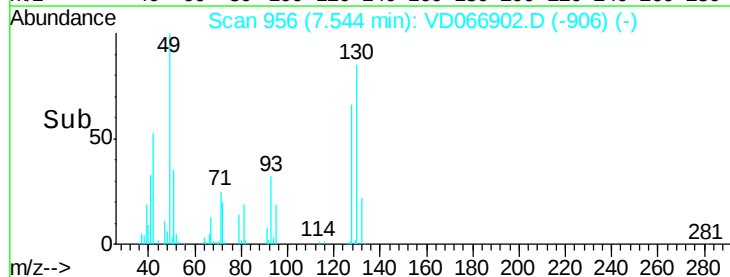
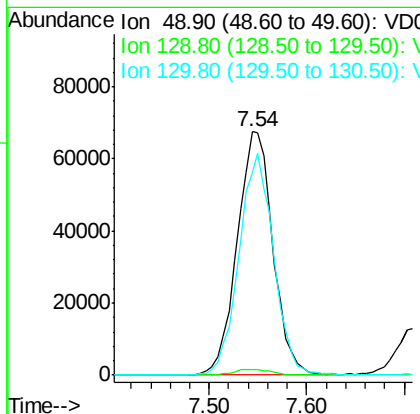
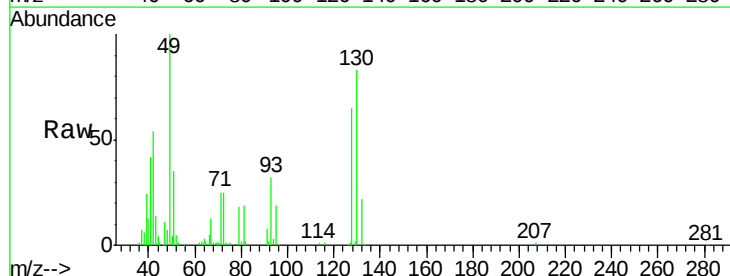
MMDadoda
 9/29/2020 11:45:34 AM

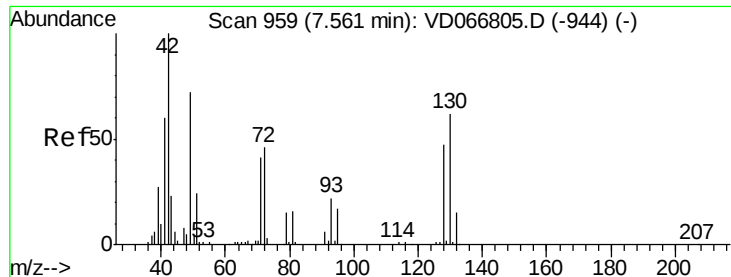


#28

Bromochloromethane
 Concen: 55.406 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172626		
129	2.6		0.0	2.0#
130	88.6		65.9	98.9





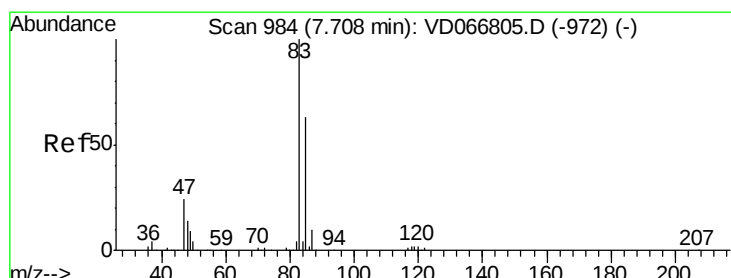
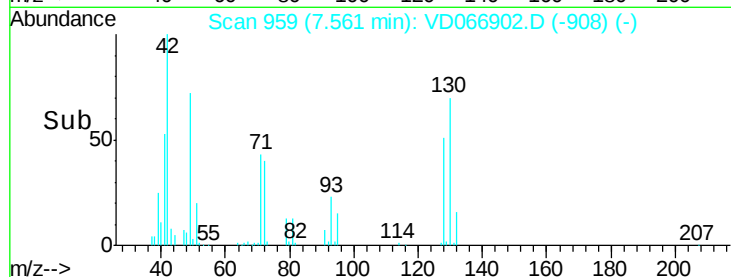
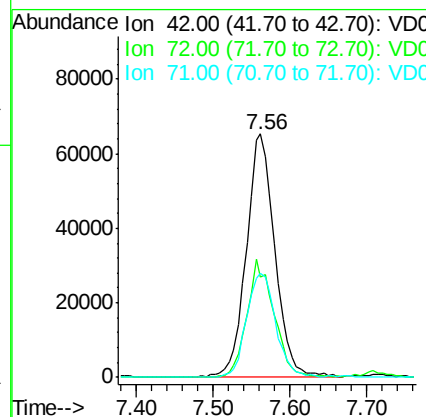
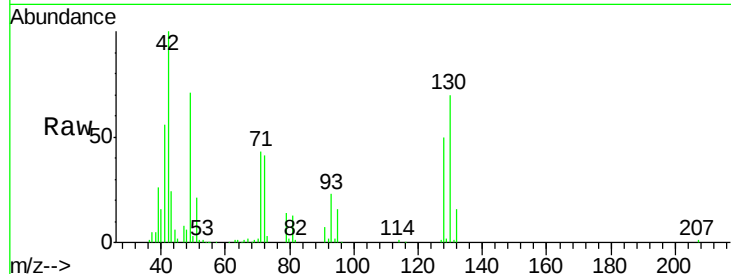
#29
Tetrahydrofuran
Concen: 279.214 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.2	54.4
71	43.6	32.4	48.6

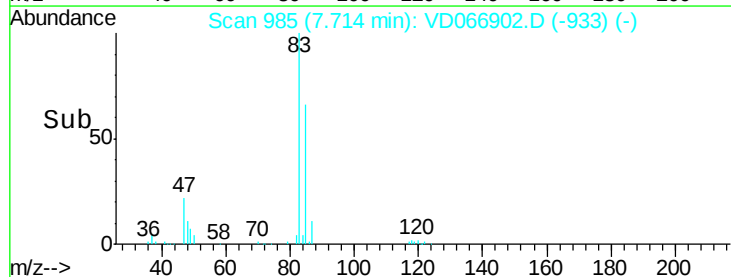
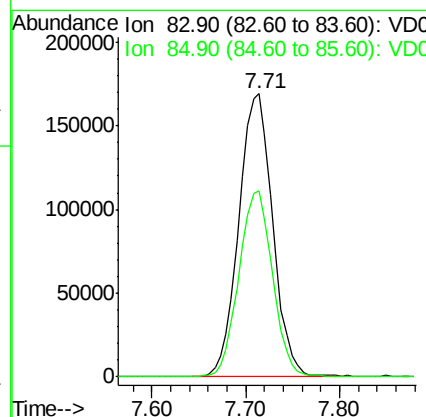
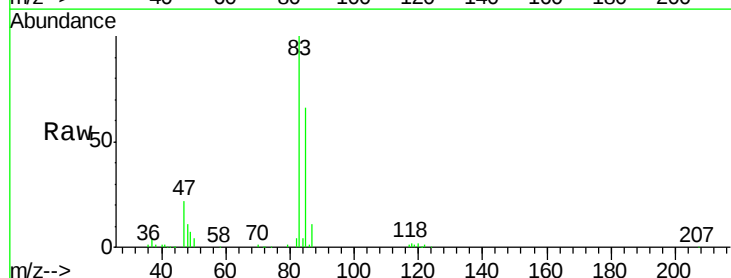
Manual Integrations
APPROVED

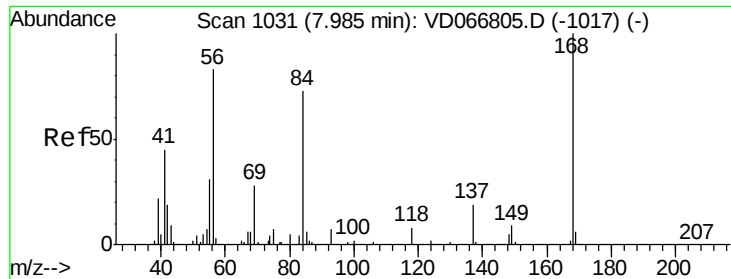
MMDadoda
9/29/2020 11:45:34 AM



#30
Chloroform
Concen: 52.078 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	75.8





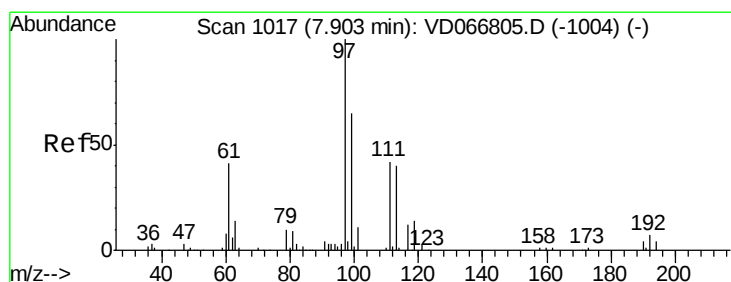
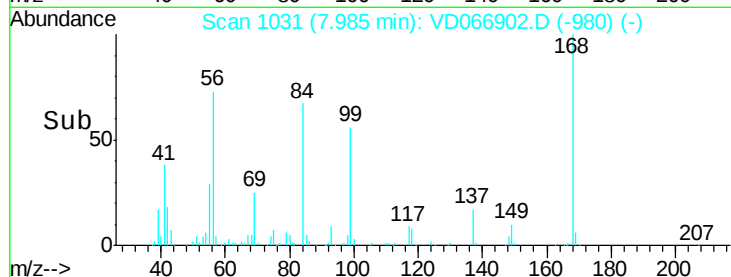
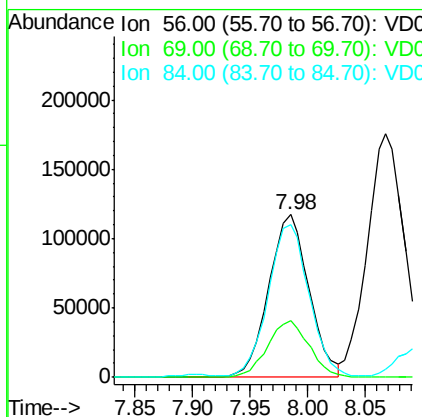
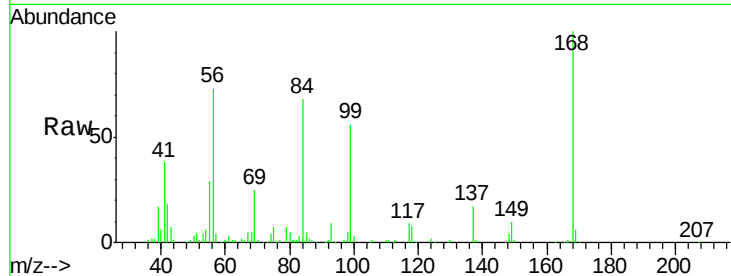
#31
Cyclohexane
Concen: 42.038 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.0	40.4
84	92.2	70.2	105.4

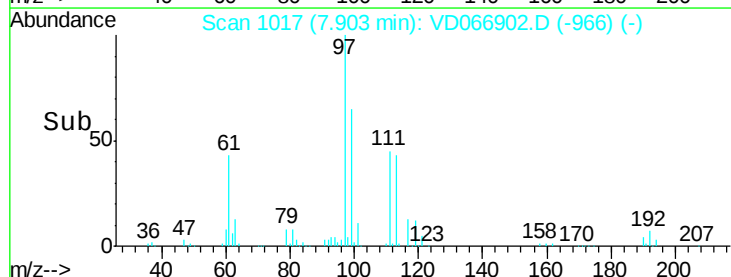
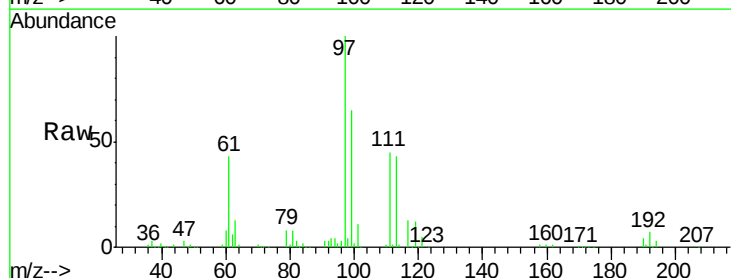
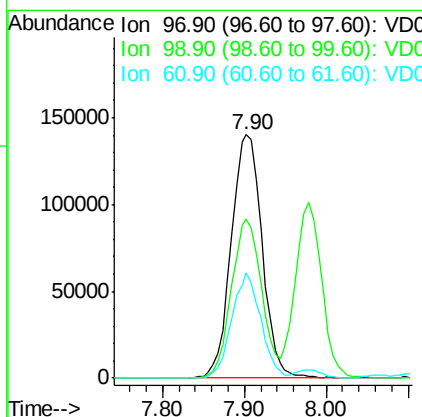
Manual Integrations
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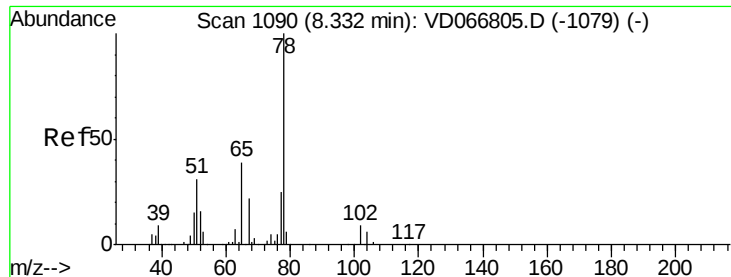
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#32
1,1,1-Trichloroethane
Concen: 50.111 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	40.7	34.2	51.4





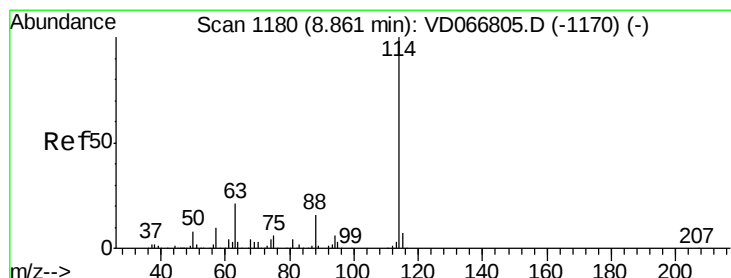
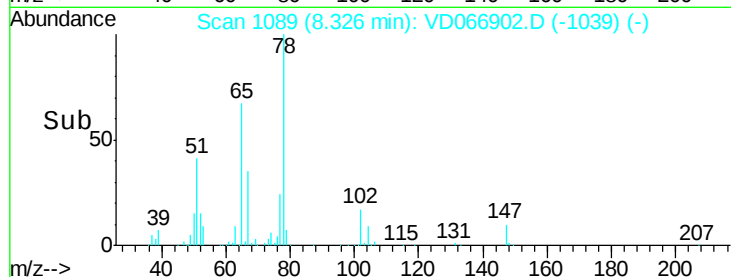
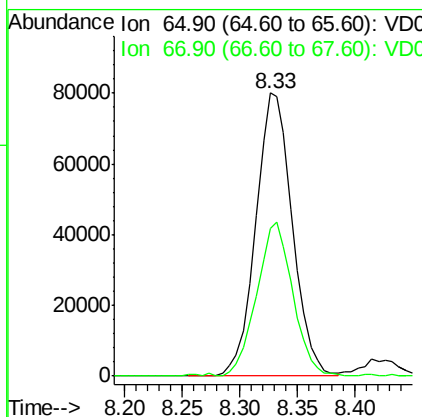
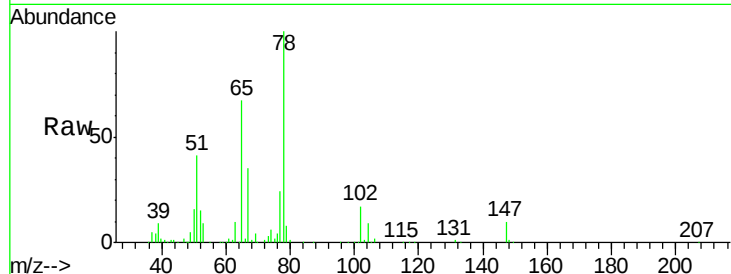
#33
 1,2-Dichloroethane-d4
 Concen: 47.401 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176907		
67	53.6	0.0	107.2	

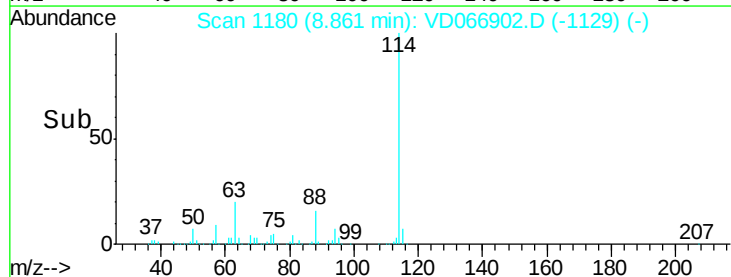
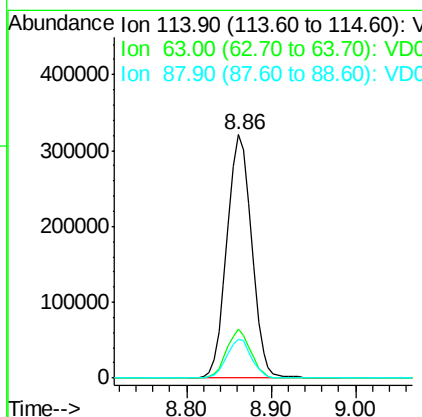
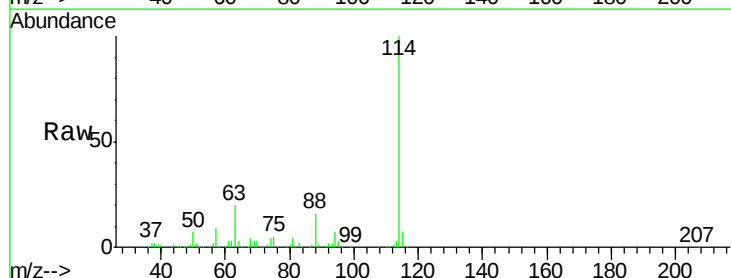
Manual Integrations
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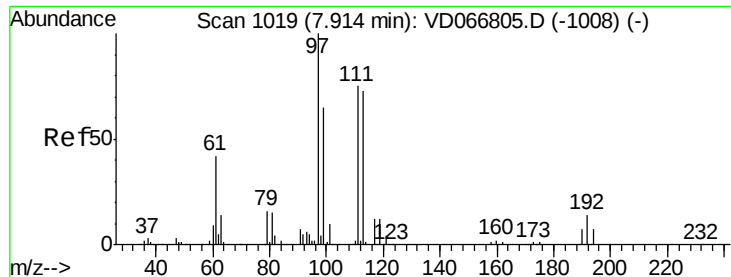
MMDadoda
 9/29/2020 11:45:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	650712		
63	20.1	0.0	42.6	
88	15.7	0.0	32.6	





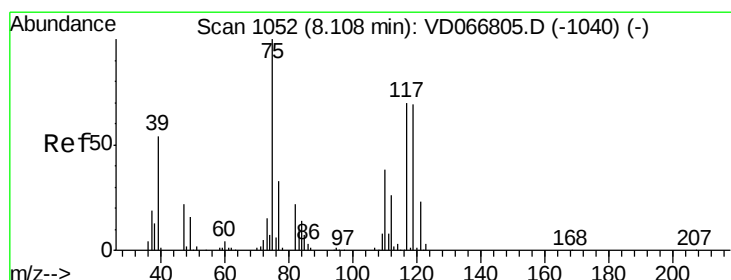
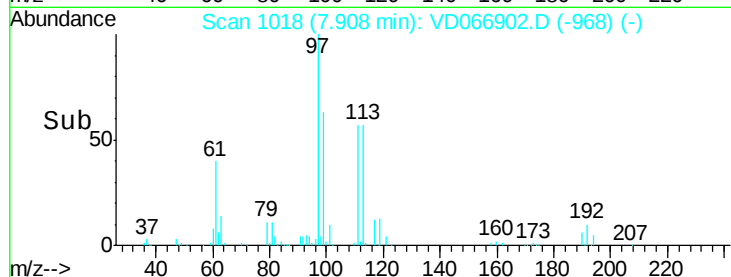
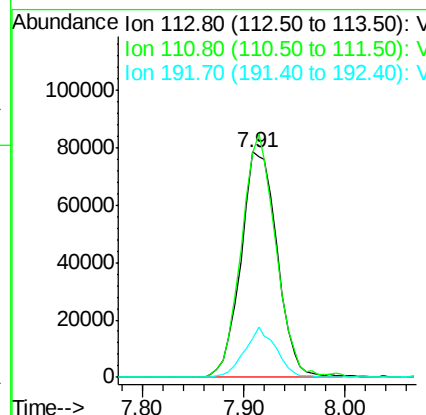
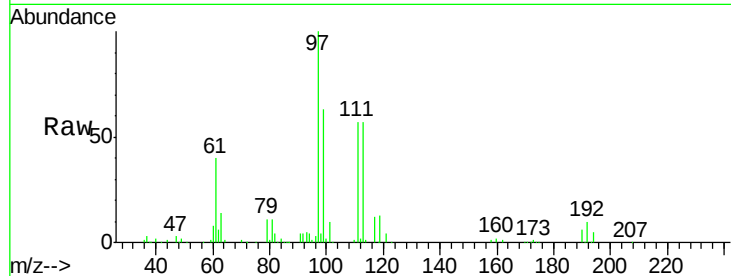
#35
Dibromofluoromethane
Concen: 47.234 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195540		
111	102.1	81.8	122.8	
192	19.4	14.4	21.6	

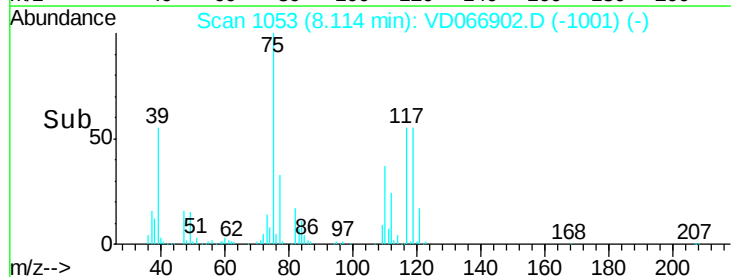
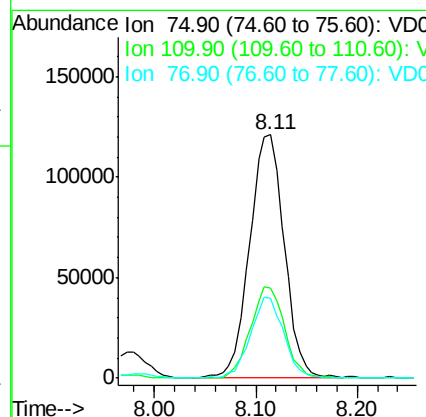
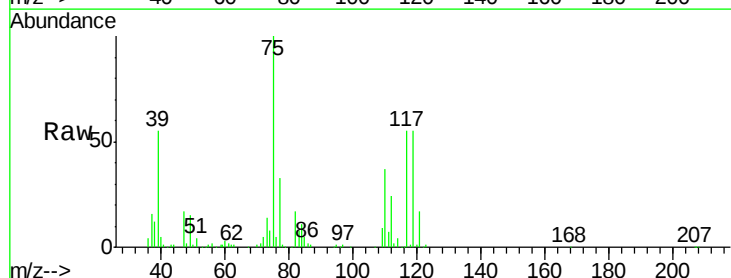
Manual Integrations
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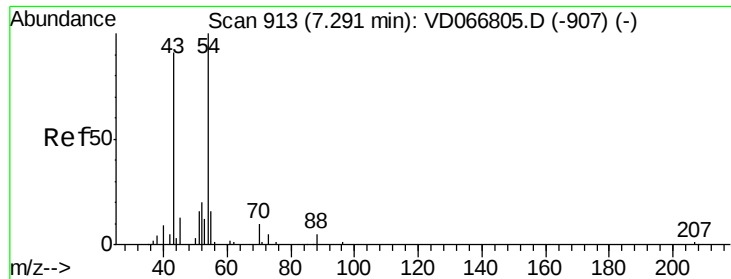
MMDadoda
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#36
1,1-Dichloropropene
Concen: 44.395 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	286598		
110	37.2	17.9	53.8	
77	32.3	25.0	37.6	





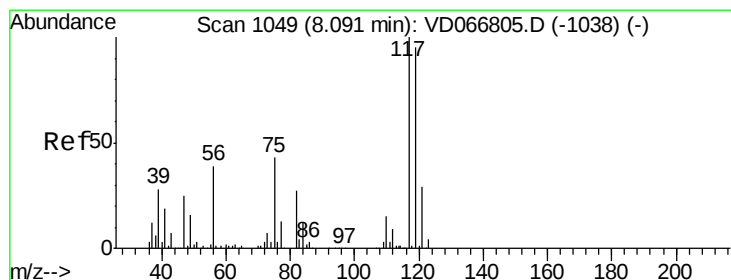
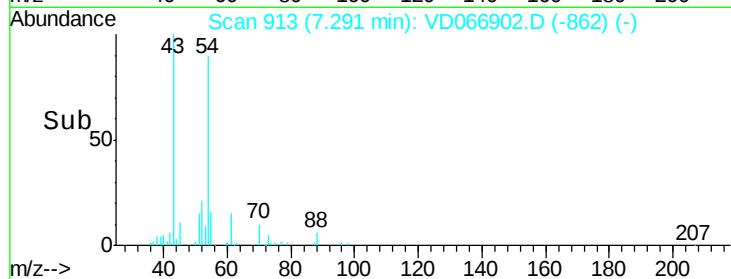
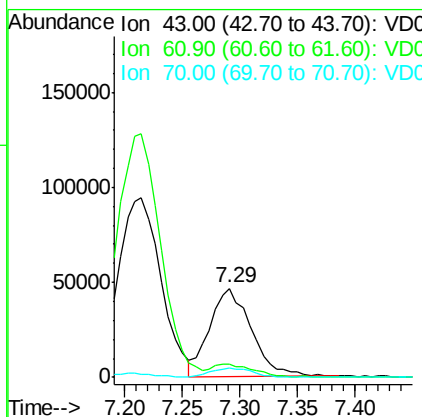
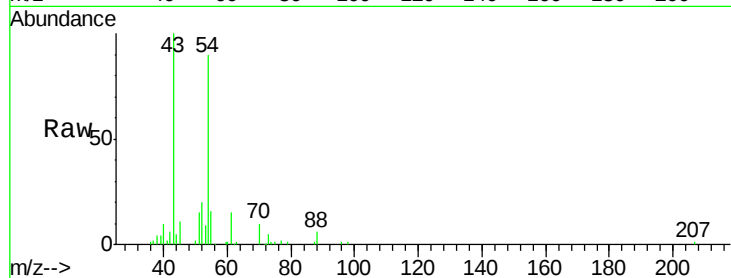
#37
Ethyl Acetate
Concen: 49.725 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.8	14.8
70	10.8	8.5	12.7

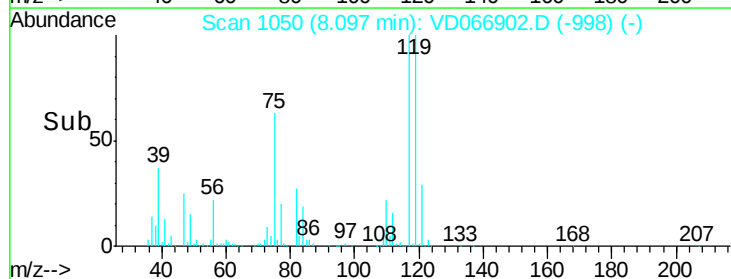
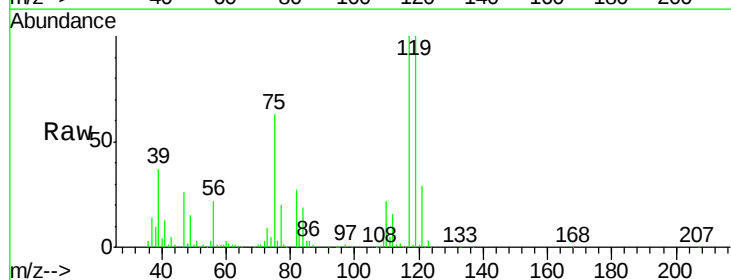
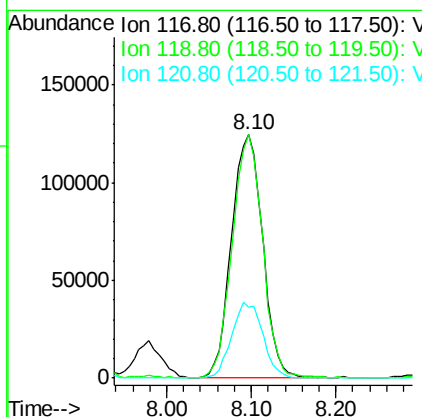
Manual Integrations
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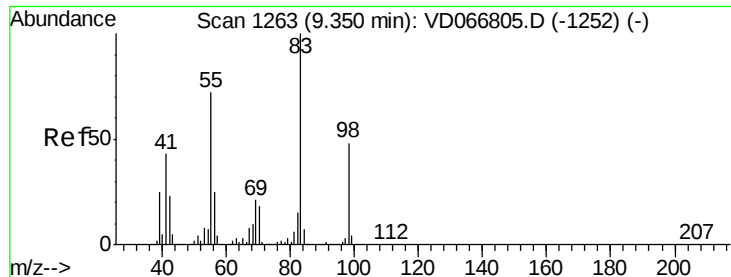
MMDadoda
9/29/2020 11:45:34 AM



#38
Carbon Tetrachloride
Concen: 44.786 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.8	113.8
121	29.3	23.4	35.0





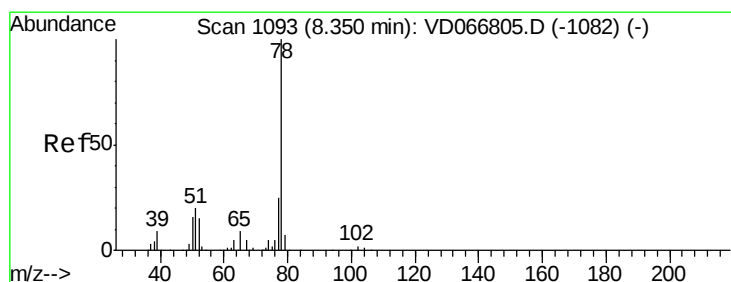
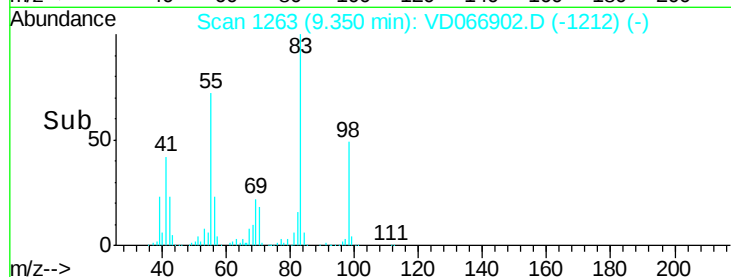
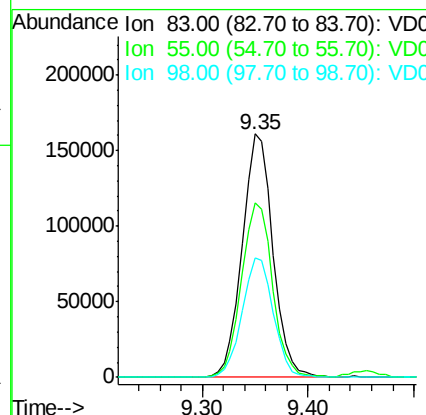
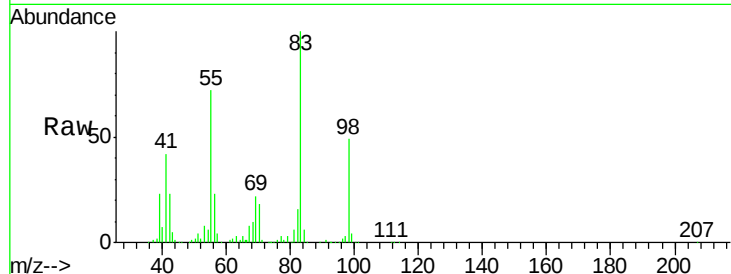
#39
Methvlcvclohexane
Concen: 43.856 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	57.7	86.5
98	49.1	38.4	57.6

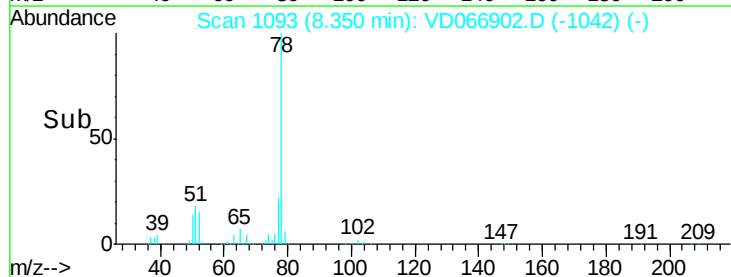
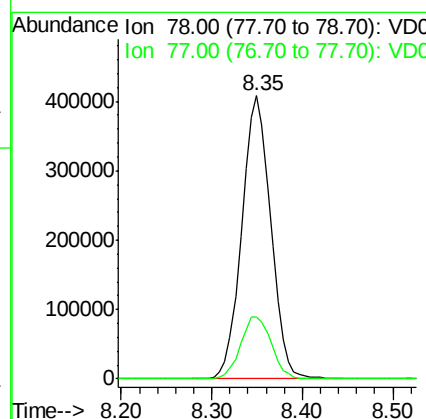
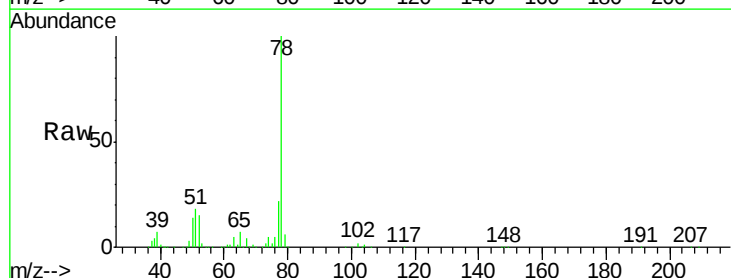
Manual Integrations
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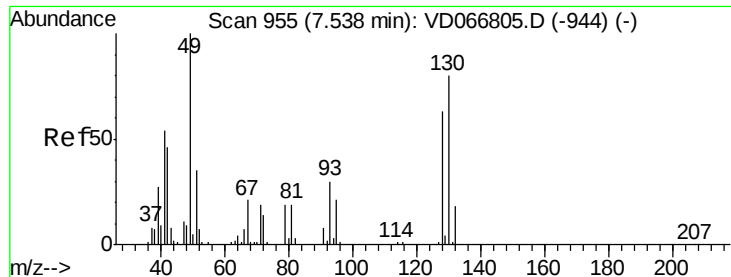
MMDadoda
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#40
Benzene
Concen: 50.415 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.9	29.9





#41

Methacrylonitrile

Concen: 43.307 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 62154

Ion Ratio Lower Upper

41 100

39 53.2 0.0 0.0#

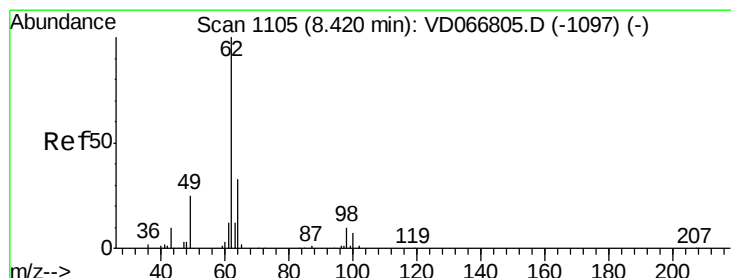
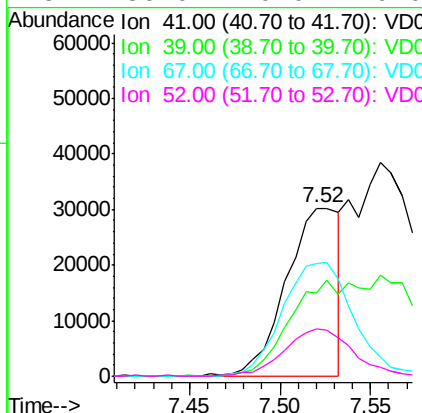
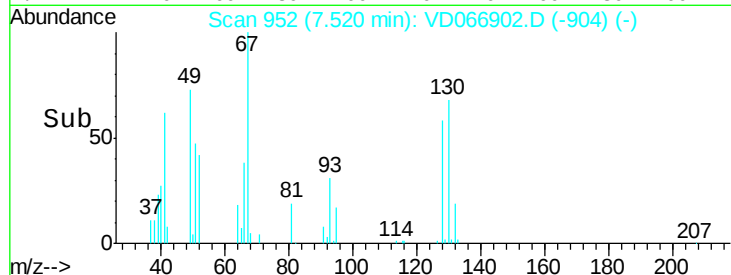
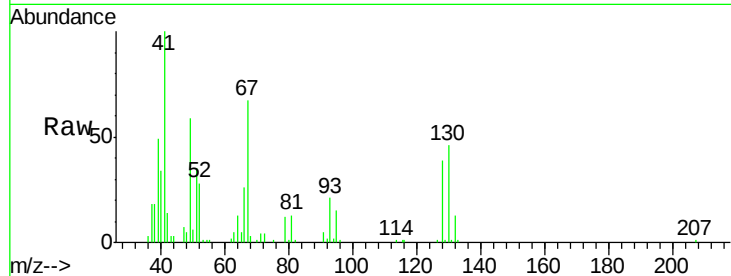
67 90.0 0.0 0.0#

52 36.0 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.781 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066902.D

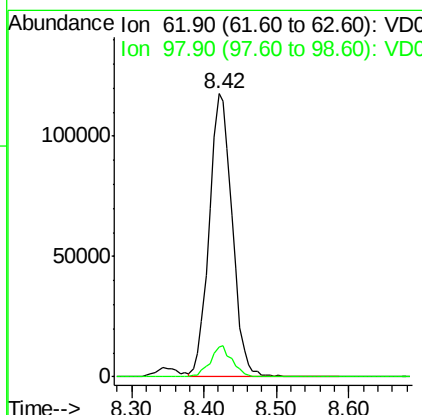
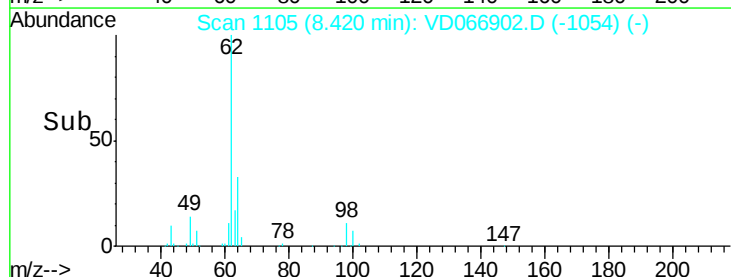
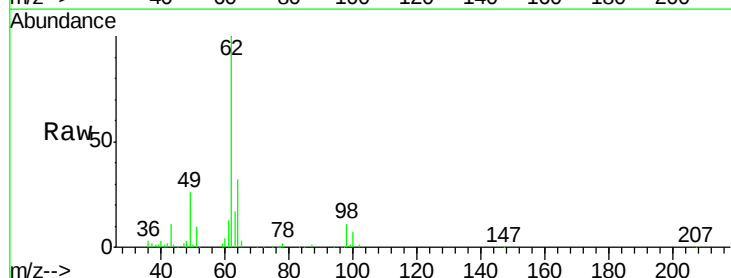
Acq: 26 Sep 2020 05:50

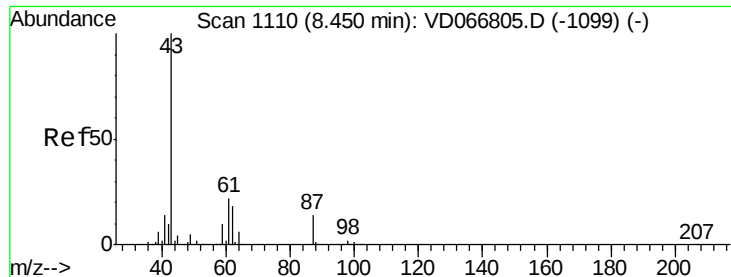
Tgt Ion: 62 Resp: 259453

Ion Ratio Lower Upper

62 100

98 10.5 0.0 19.8





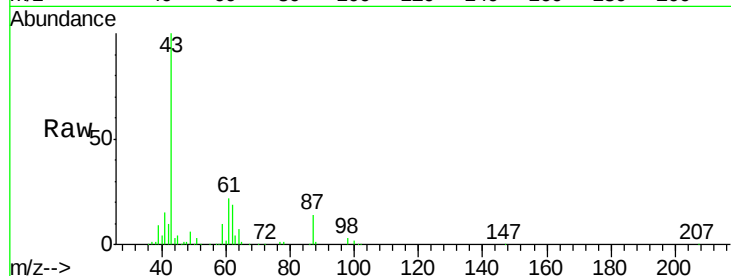
#43
Isopropyl Acetate
Concen: 50.752 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

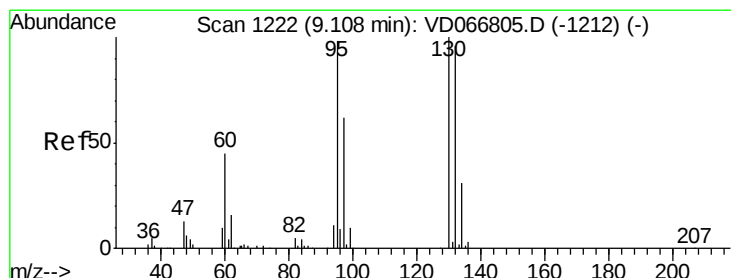
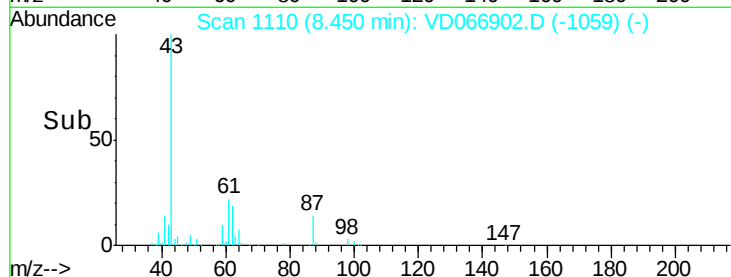
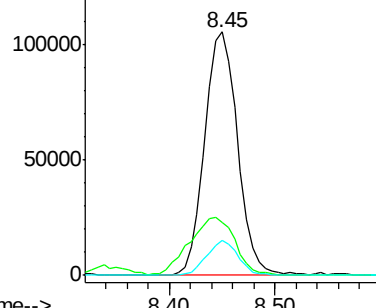
Tot Ion	Ratio	Resp	Lower	Upper
43	100	228352		
61	33.1		26.2	39.4
87	13.8		11.5	17.3

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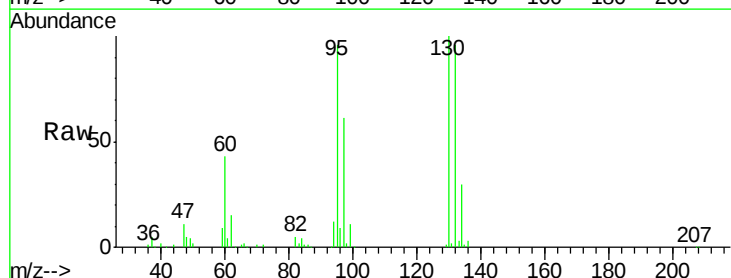


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

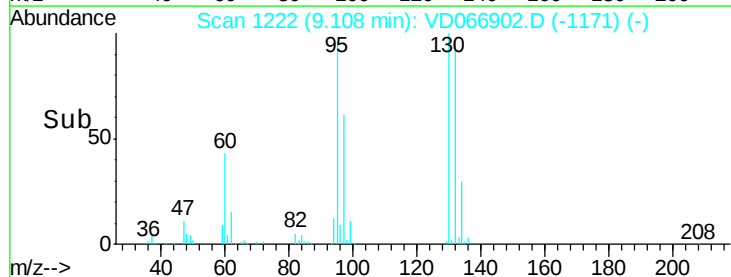
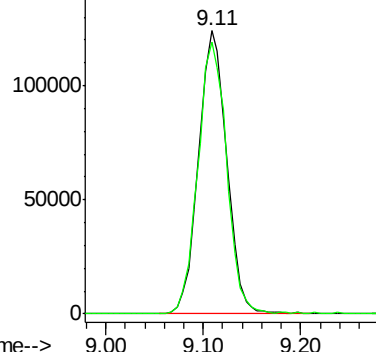


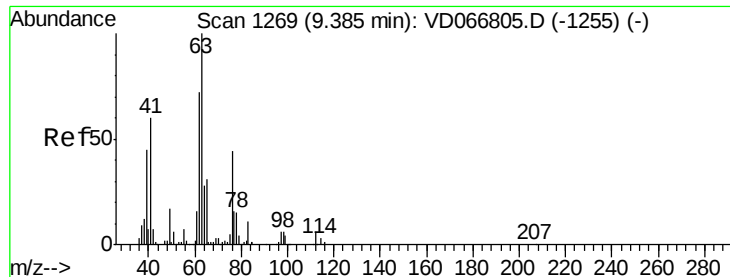
#44
Trichloroethene
Concen: 48.577 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	249114		
95	95.9		0.0	197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.464 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 228437

Ion Ratio Lower Upper

63 100

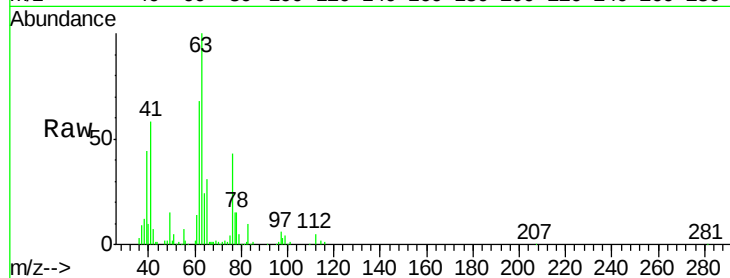
65 31.4 24.7 37.1

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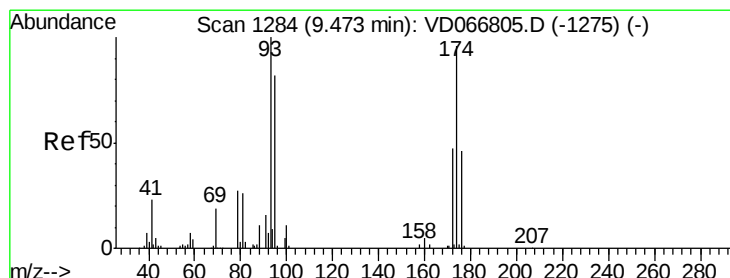
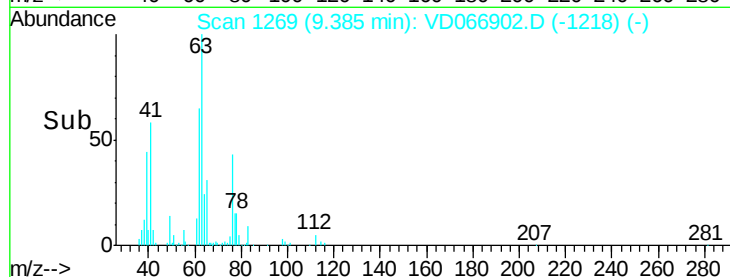
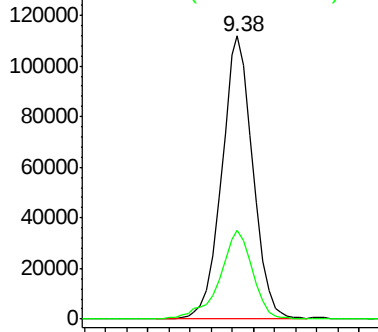
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.878 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

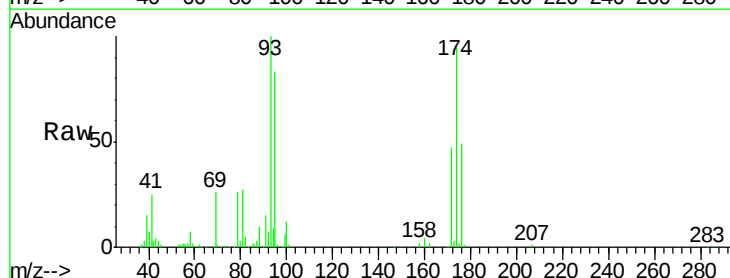
Tgt Ion: 93 Resp: 125133

Ion Ratio Lower Upper

93 100

95 85.7 65.3 97.9

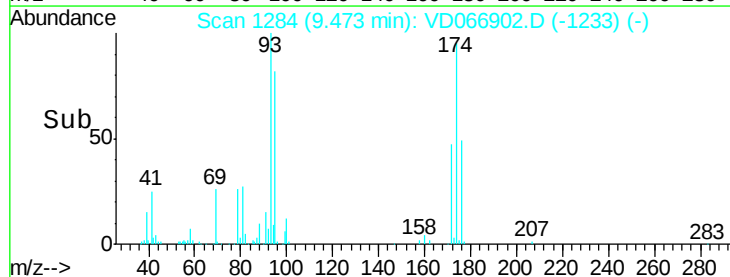
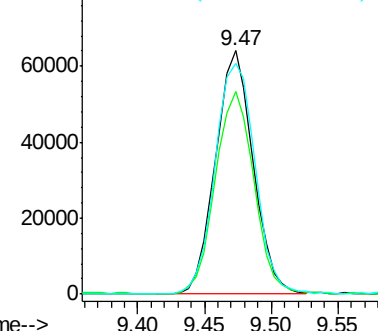
174 101.0 75.4 113.2

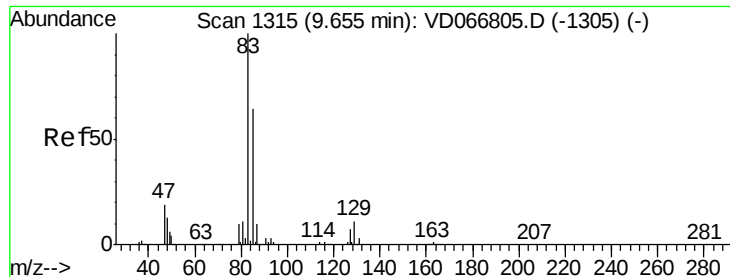


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.001 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

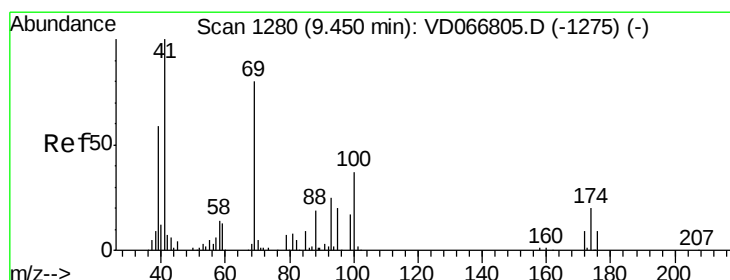
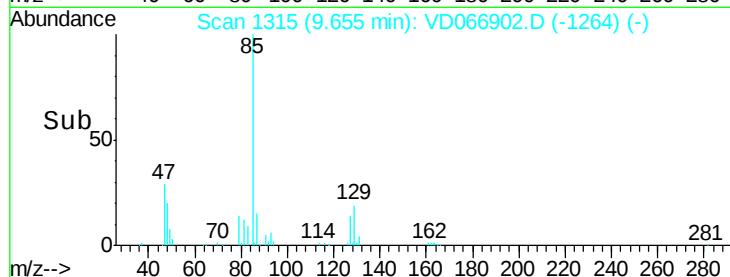
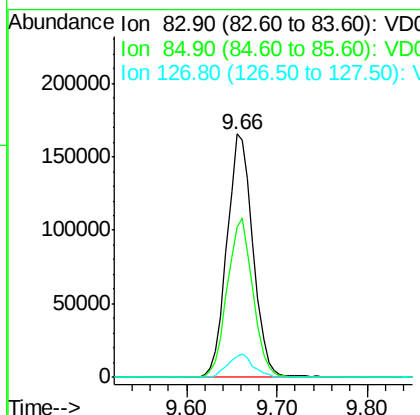
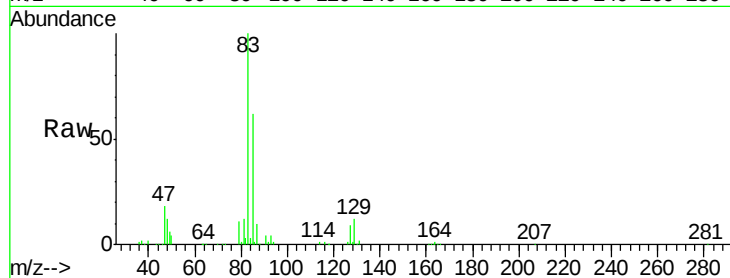
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	330356
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.9	76.3
127	8.6	5.9	8.9

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#48

Methyl methacrylate

Concen: 50.193 ug/l

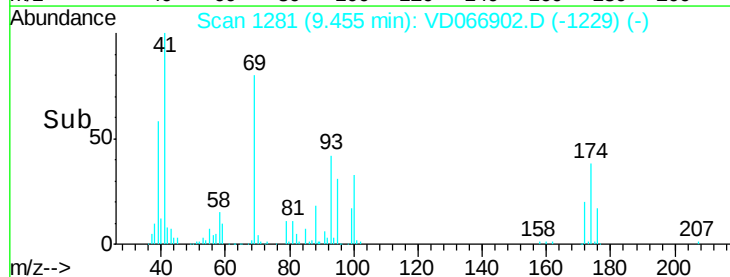
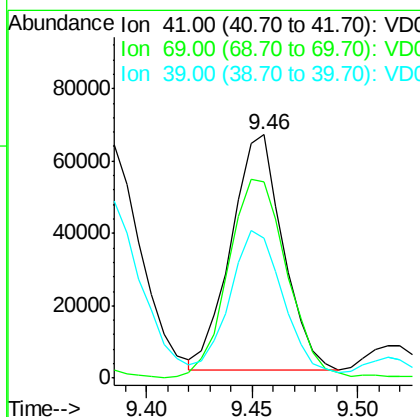
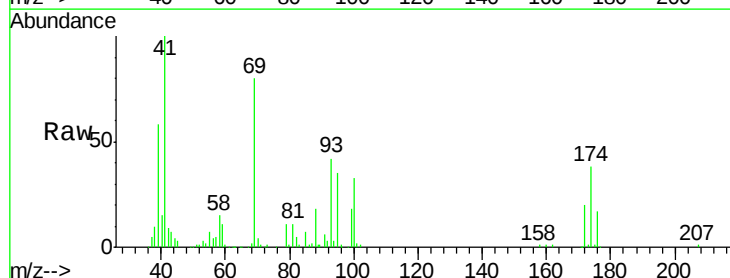
RT: 9.46 min Scan# 1281

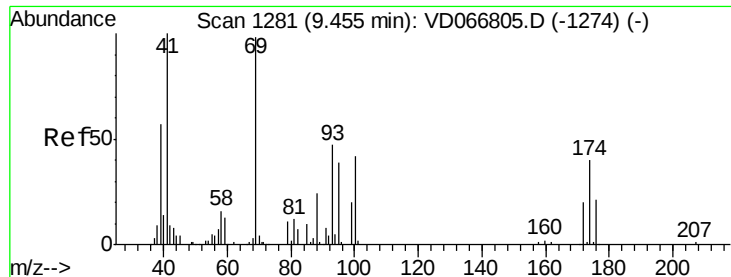
Delta R.T. 0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion:	41	Resp:	111346
Ion	Ratio	Lower	Upper
41	100		
69	96.9	74.5	111.7
39	66.3	47.0	70.6





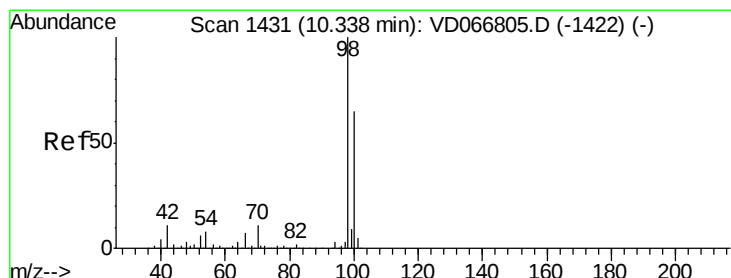
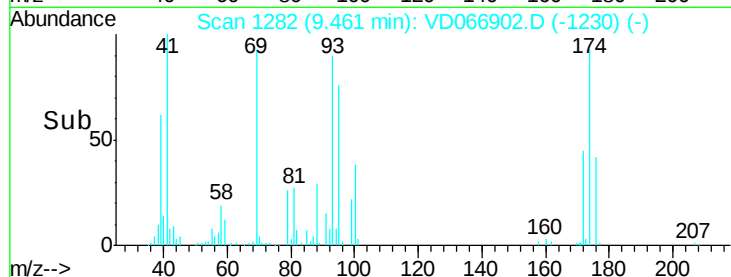
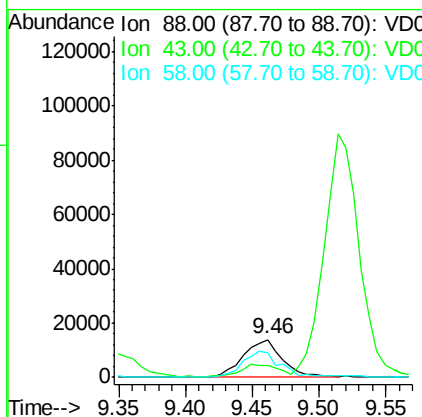
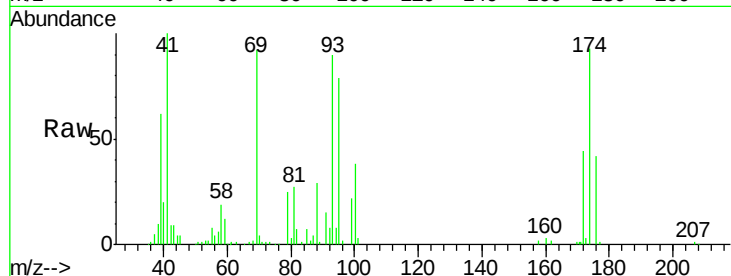
#49
1,4-Dioxane
Concen: 1016.902 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	27.7	41.5
58	66.5	55.5	83.3

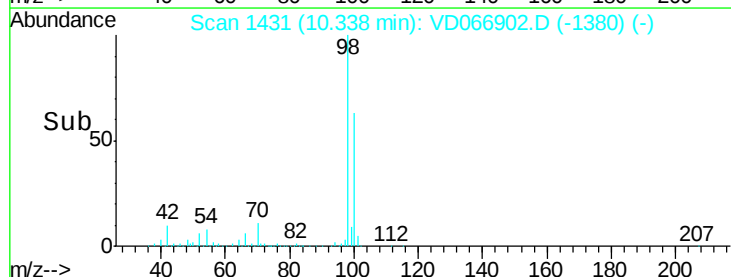
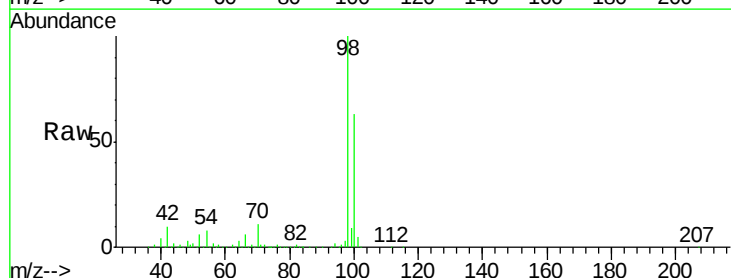
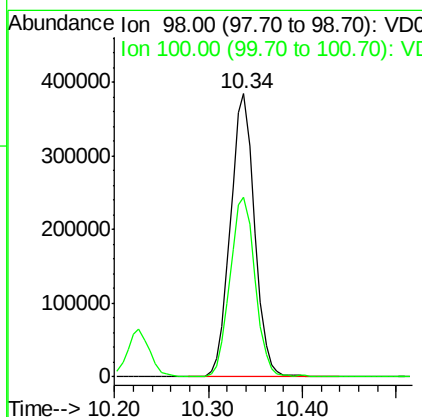
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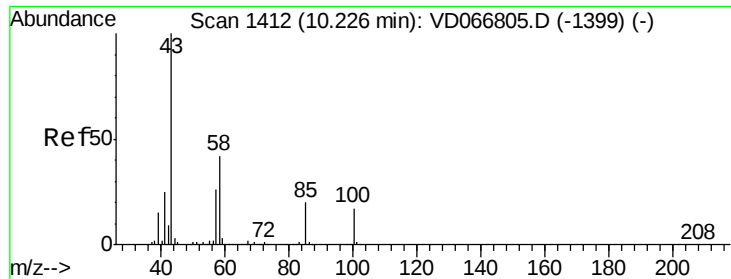
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#50
Toluene-d8
Concen: 48.723 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 265.500 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 605298

Ion Ratio Lower Upper

43 100

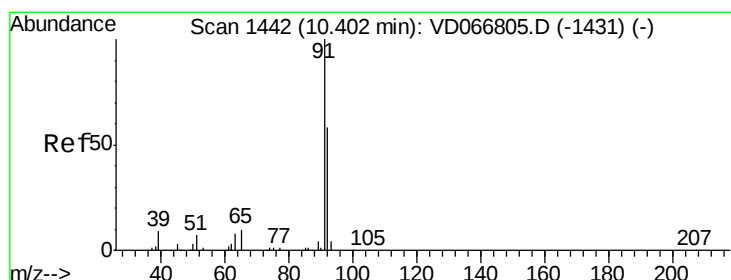
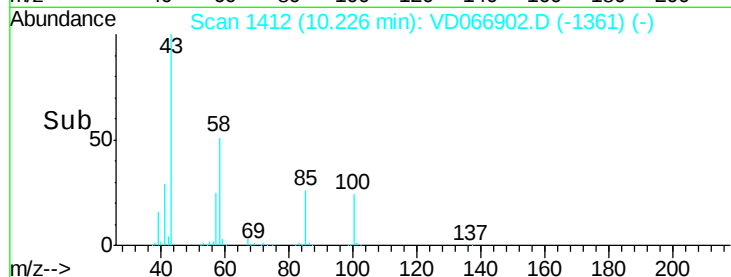
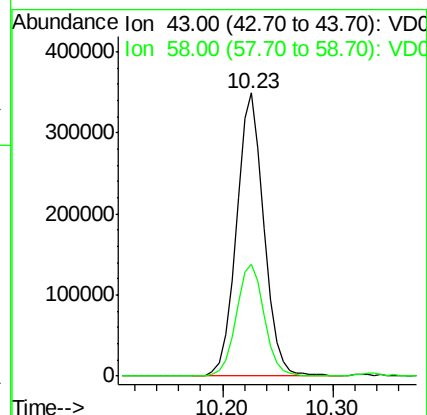
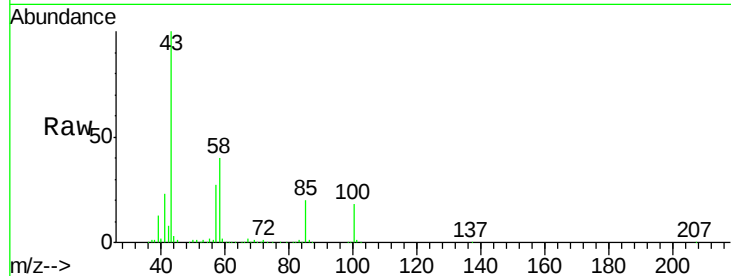
58 40.6 32.2 48.4

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#52

Toluene

Concen: 51.954 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066902.D

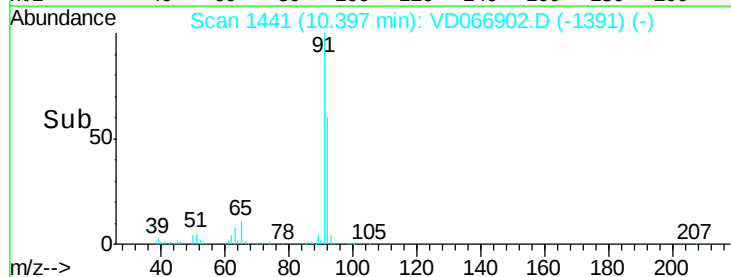
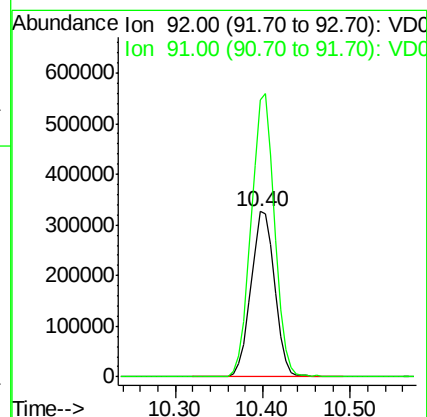
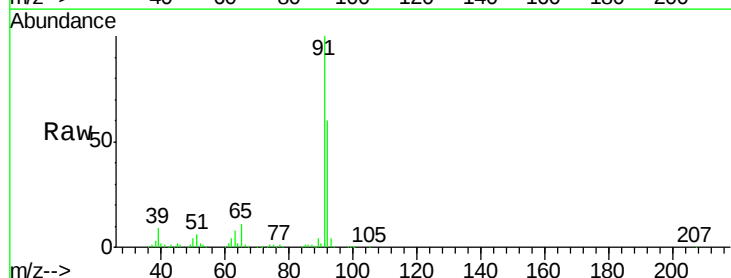
Acq: 26 Sep 2020 05:50

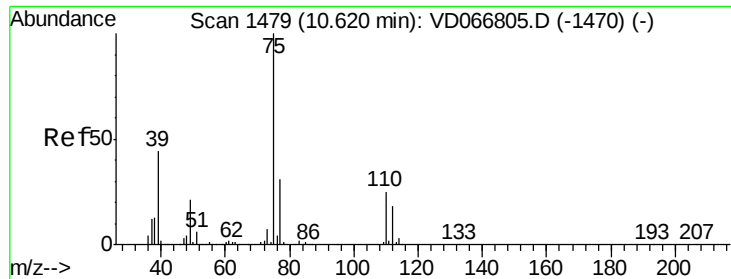
Tgt Ion: 92 Resp: 602098

Ion Ratio Lower Upper

92 100

91 168.7 134.6 202.0





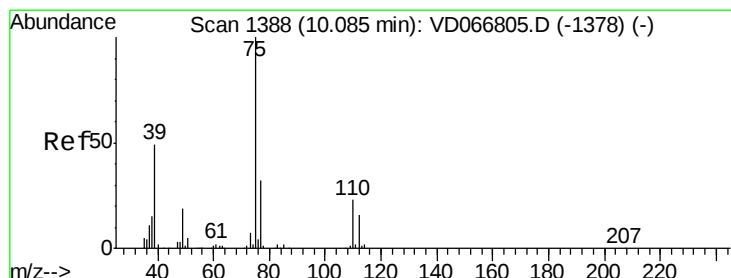
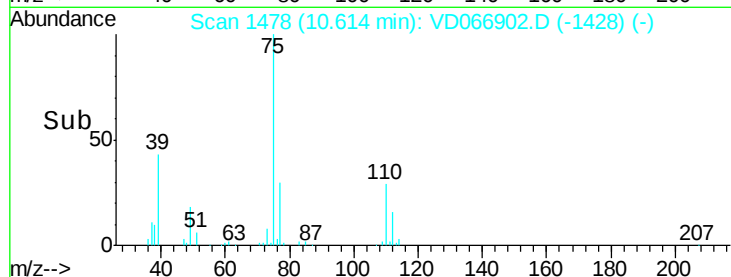
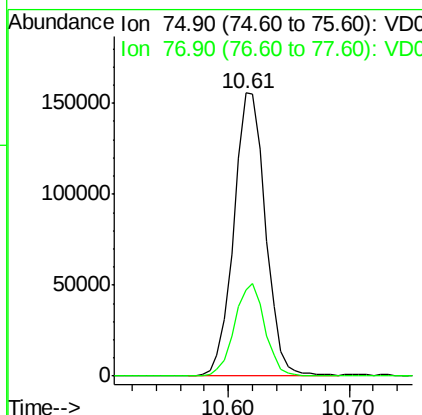
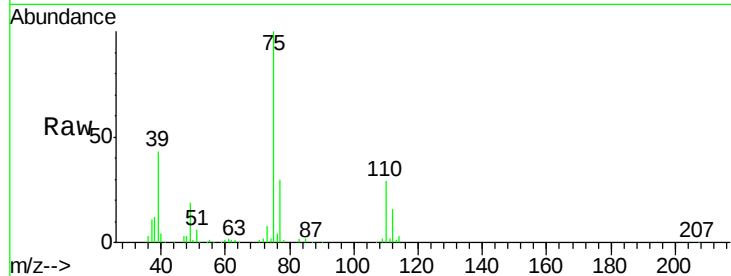
#53
t-1,3-Dichloropropene
Concen: 50.816 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 285761
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7

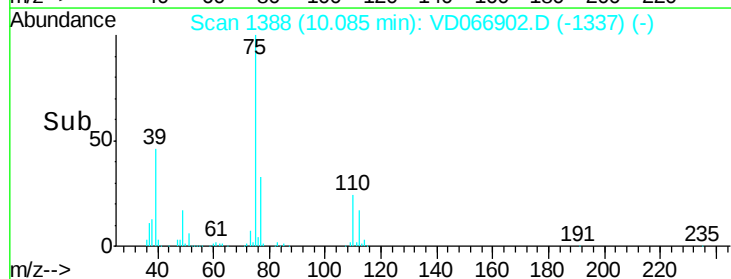
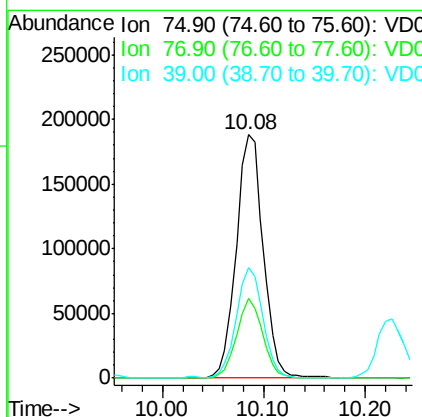
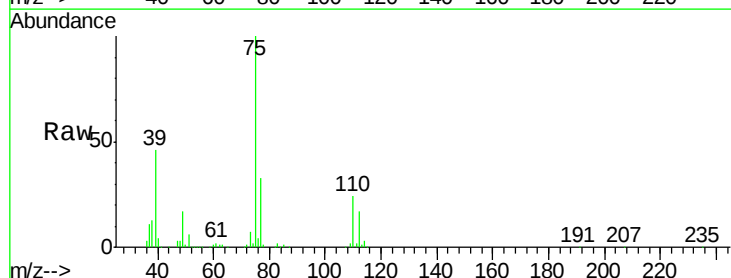
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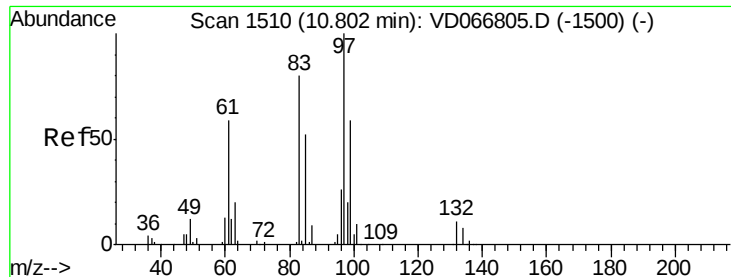
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#54
cis-1,3-Dichloropropene
Concen: 50.674 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 75 Resp: 347461
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 45.4 39.2 58.8





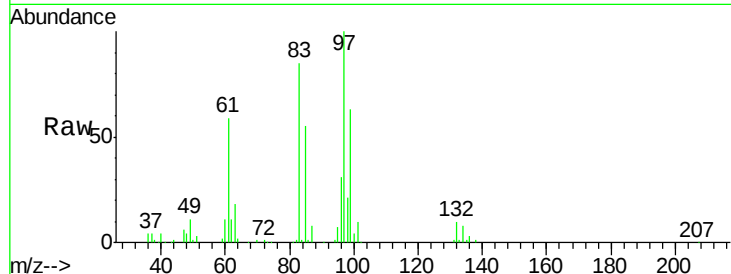
#55
 1,1,2-Trichloroethane
 Concen: 51.906 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

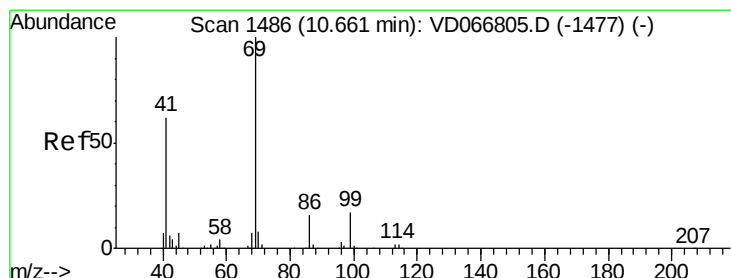
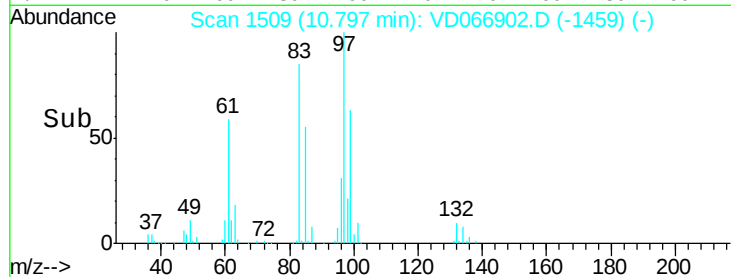
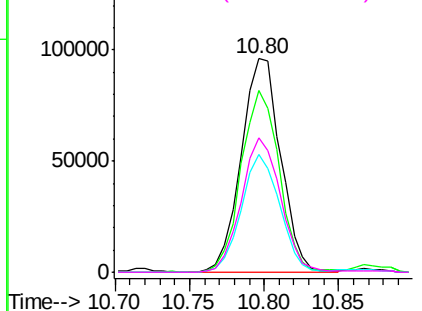
Tot Ion:	97	Resp:	175497
Ion	Ratio	Lower	Upper
97	100		
83	84.9	64.2	96.2
85	55.2	41.9	62.9
99	62.8	47.5	71.3

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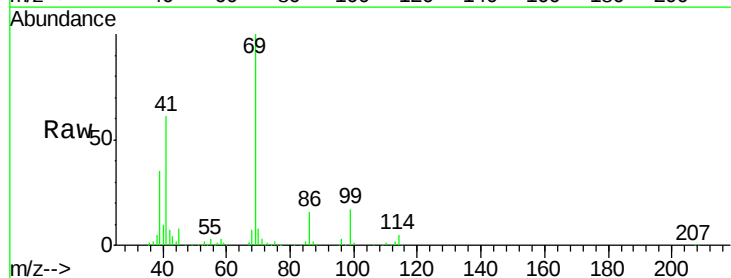


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

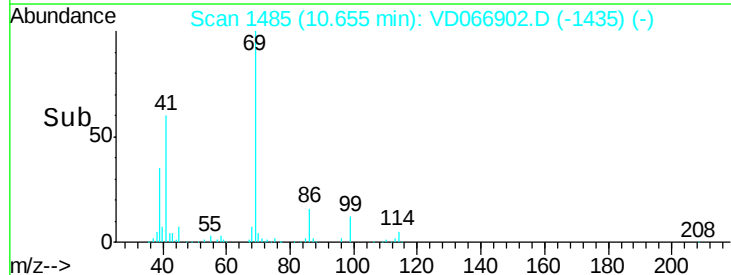
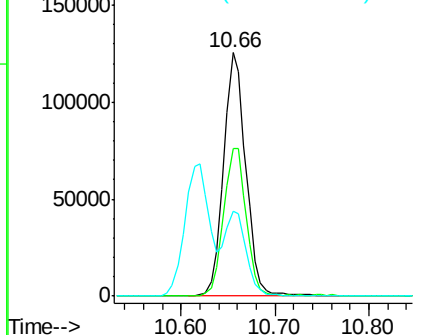


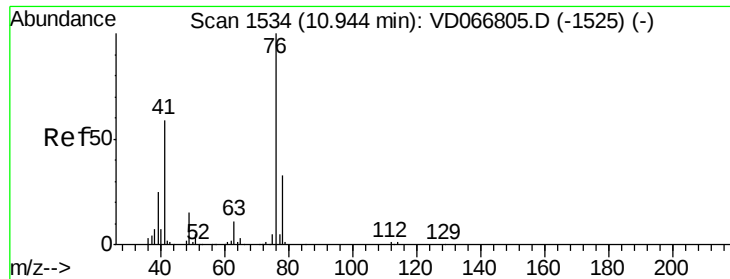
#56
 Ethyl methacrylate
 Concen: 56.794 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion:	69	Resp:	205711
Ion	Ratio	Lower	Upper
69	100		
41	61.7	52.2	78.2
39	34.8	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





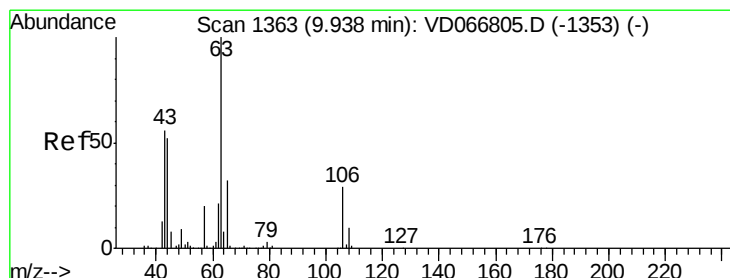
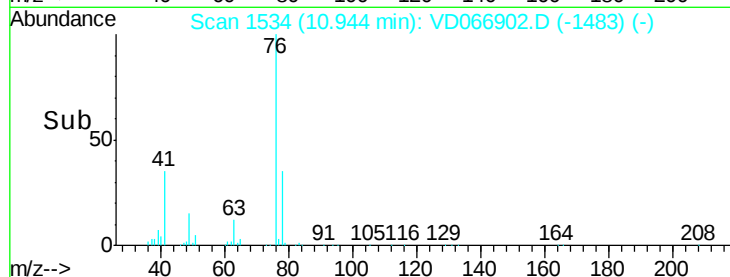
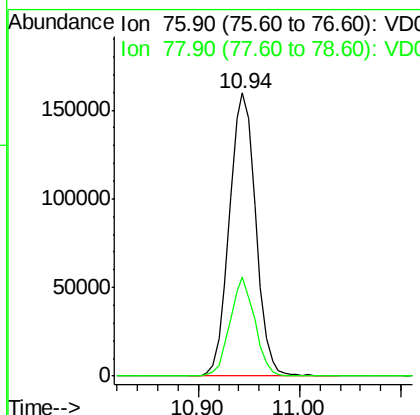
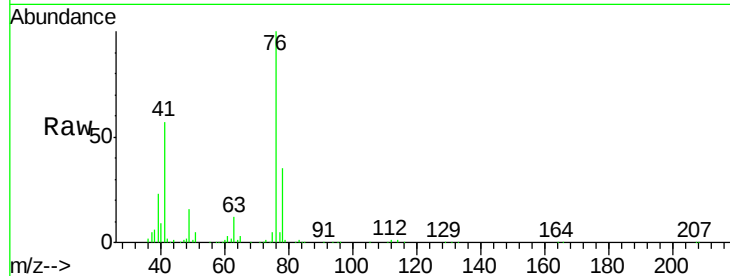
#57
 1,3-Dichloropropane
 Concen: 51.621 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 288198
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5

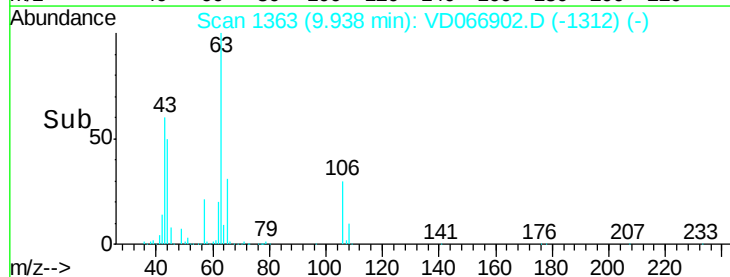
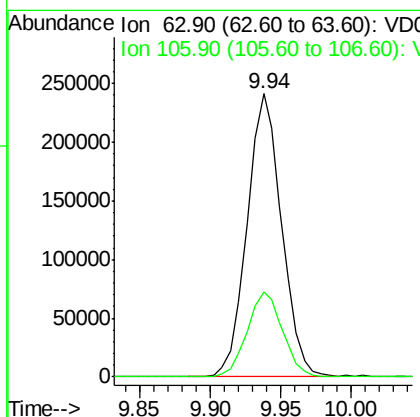
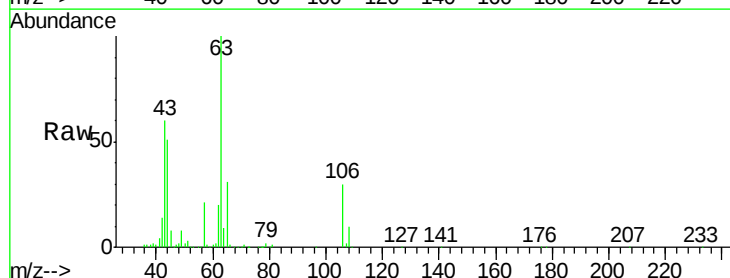
Manual Integrations
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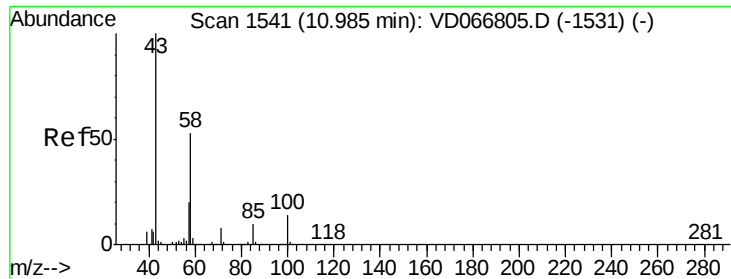
MMDadoda
 9/29/2020 11:45:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.451 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 63 Resp: 414095
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.8 35.6





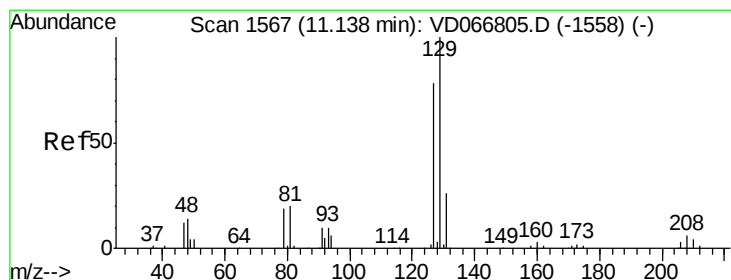
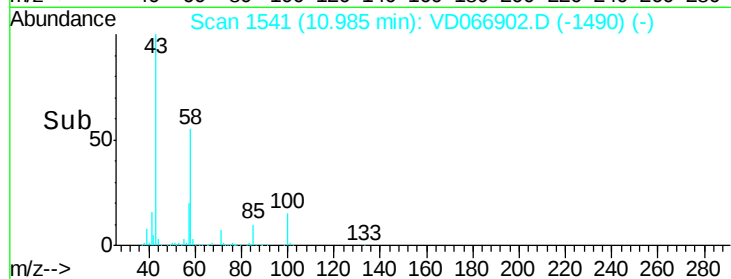
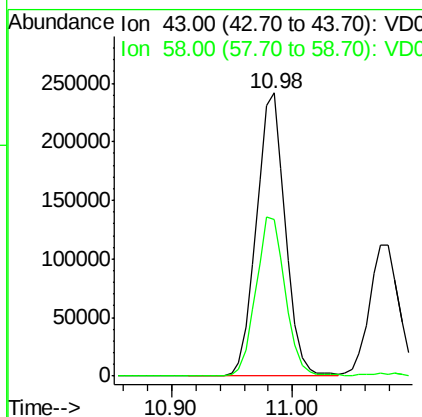
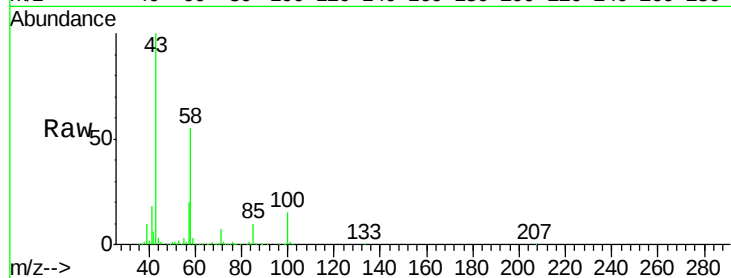
#59
2-Hexanone
Concen: 262.508 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 403598
Ion Ratio Lower Upper
43 100
58 57.2 27.0 80.8

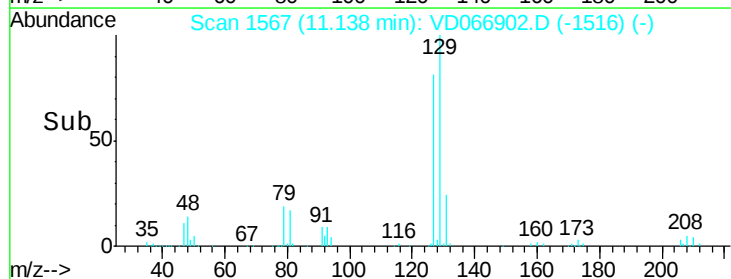
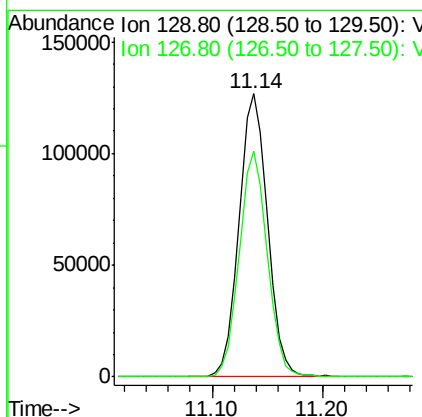
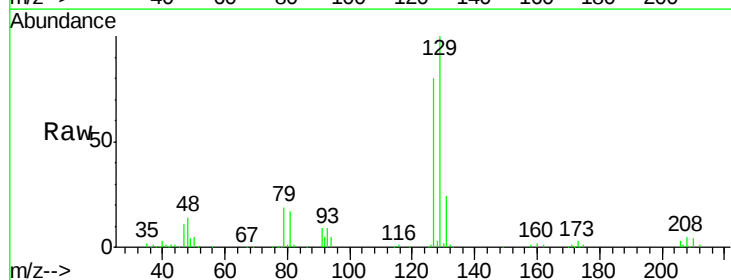
Manual Integrations
APPROVED

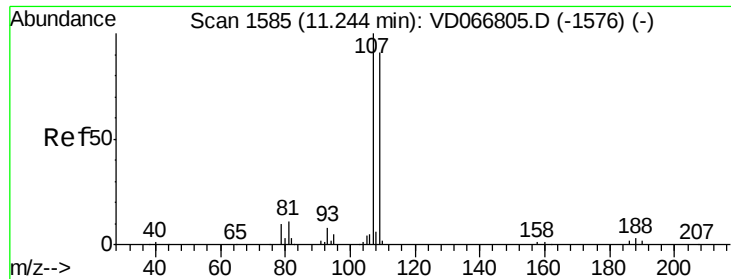
MMDadoda
9/29/2020 11:45:34 AM



#60
Dibromochloromethane
Concen: 52.266 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 129 Resp: 230637
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





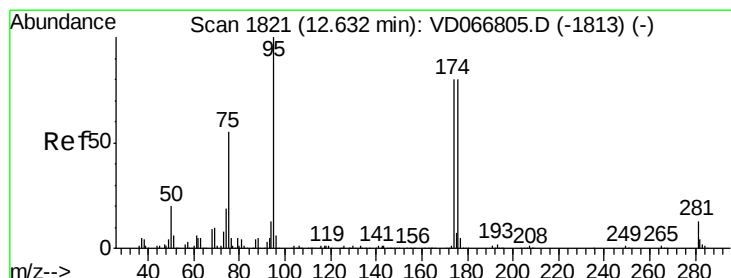
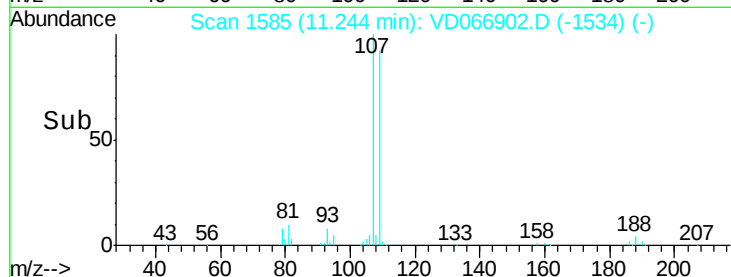
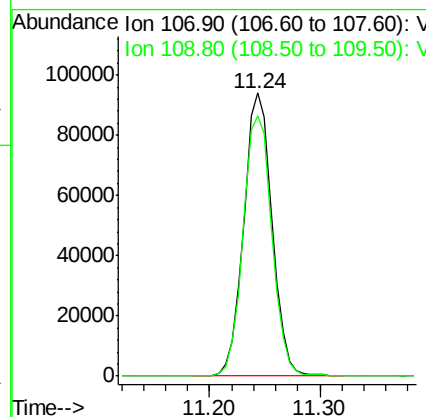
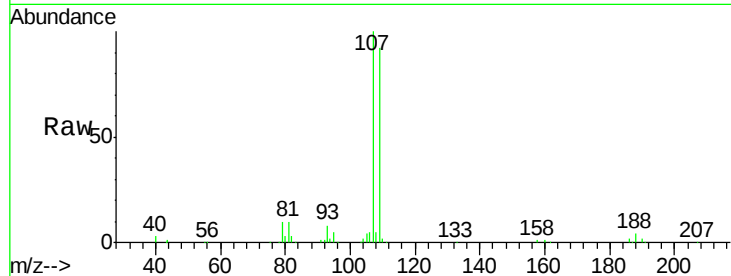
#61
 1,2-Dibromoethane
 Concen: 53.944 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 169643
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.4

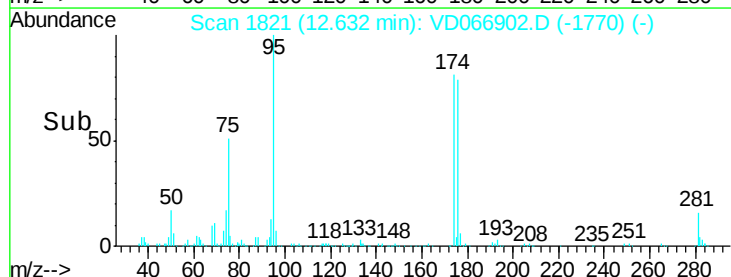
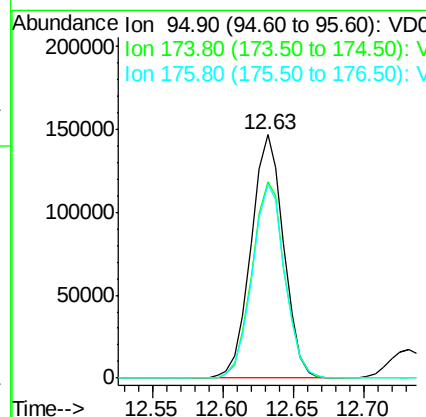
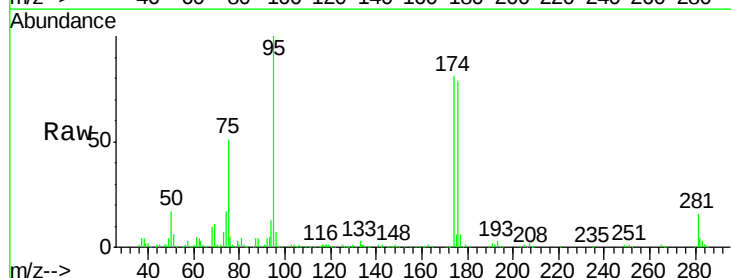
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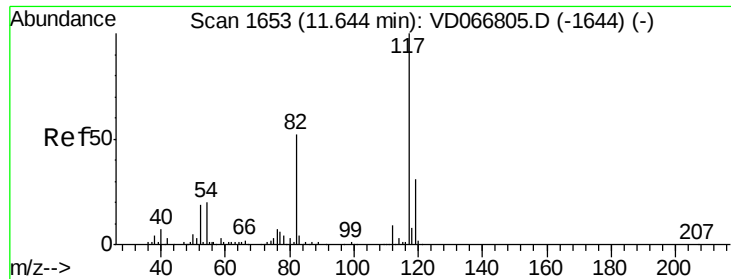
MMDadoda
 9/29/2020 11:45:34 AM



#62
 4-Bromofluorobenzene
 Concen: 49.287 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion: 95 Resp: 237989
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 159.8
 176 79.4 0.0 154.4





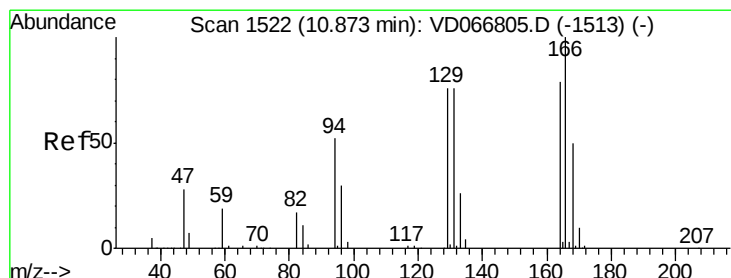
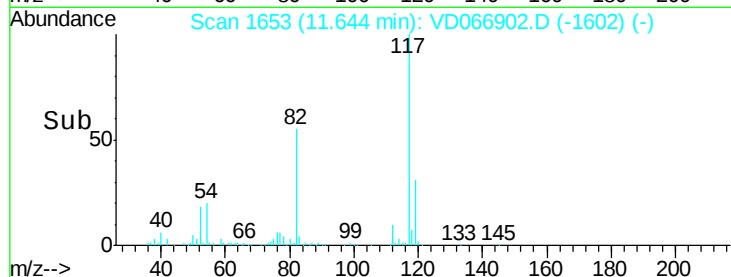
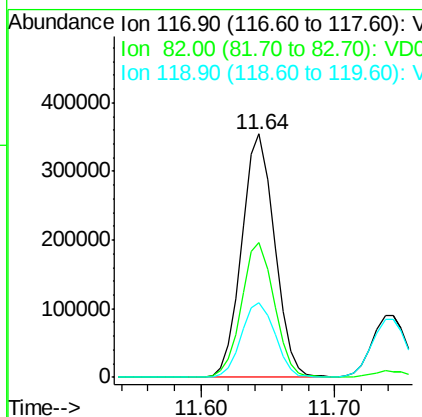
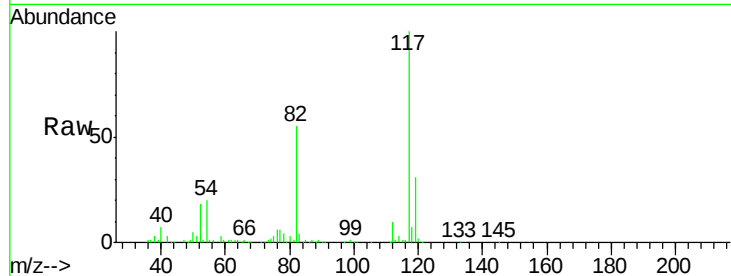
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	604835		
82	55.4	41.8	62.6	
119	30.7	24.6	37.0	

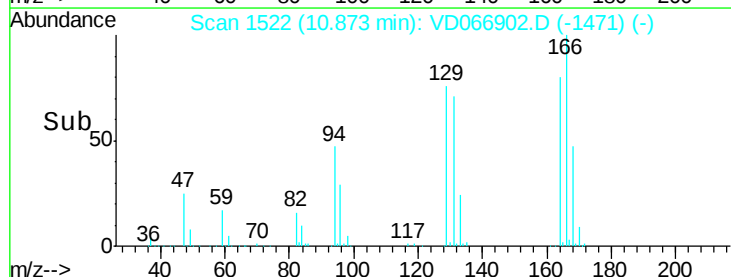
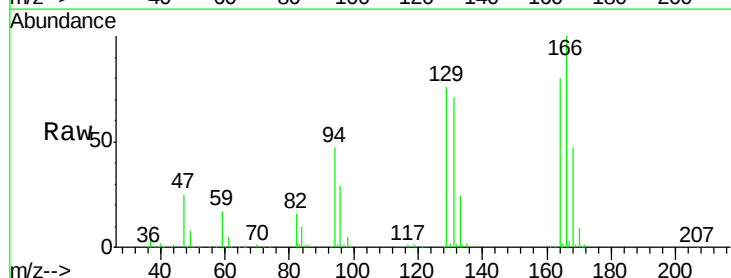
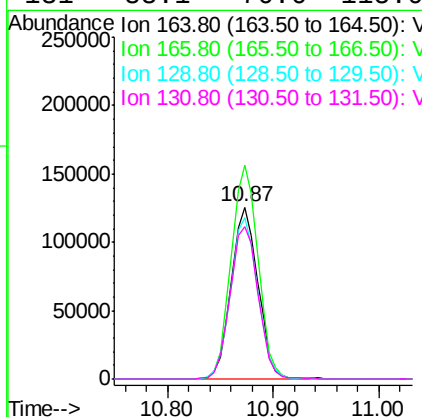
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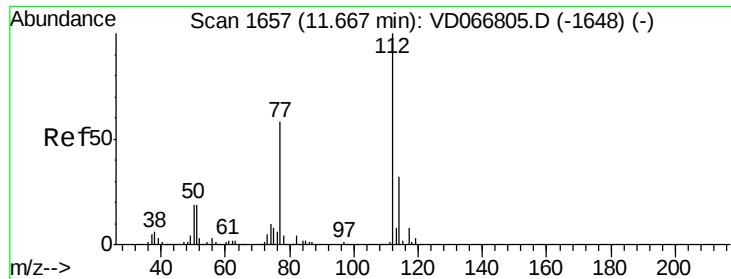
MMDadoda
9/29/2020 11:45:34 AM



#64
Tetrachloroethene
Concen: 50.421 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219367		
166	124.3	101.1	151.7	
129	94.0	77.0	115.4	
131	88.1	76.6	115.0	





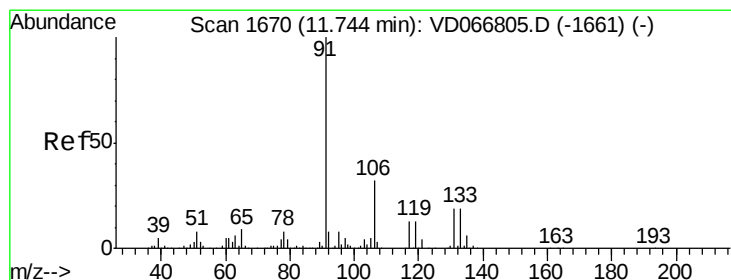
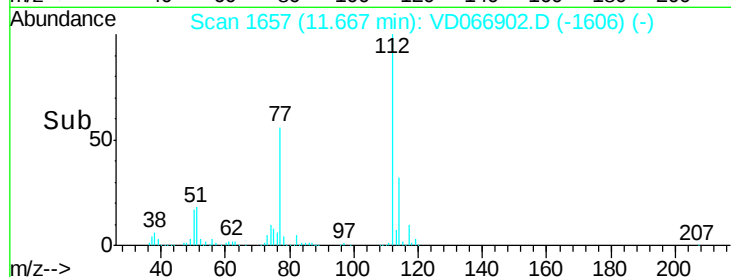
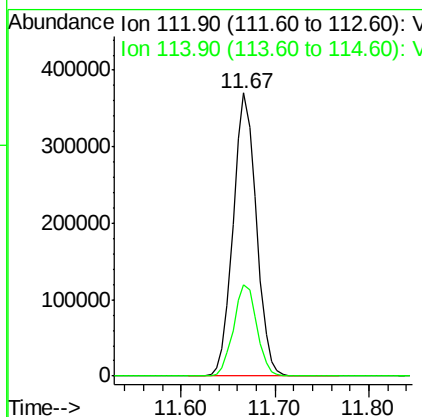
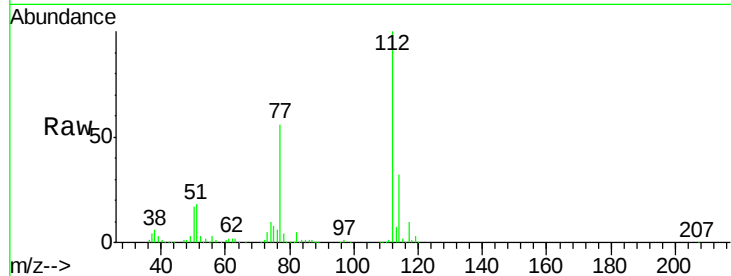
#65
Chlorobenzene
Concen: 50.202 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2

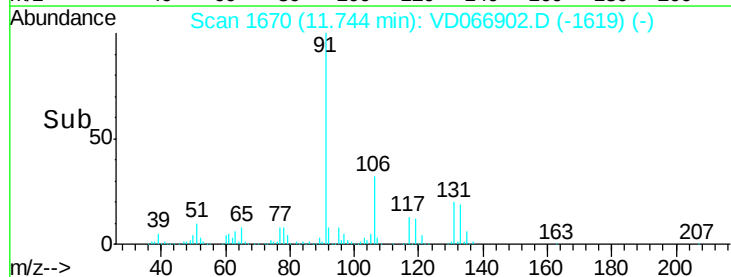
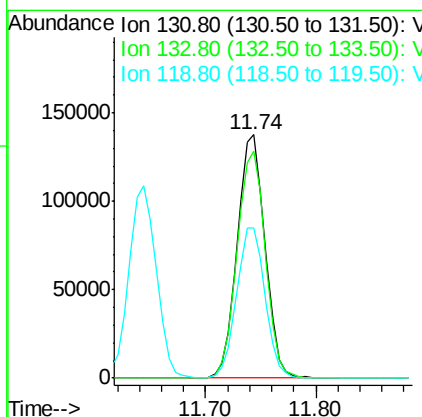
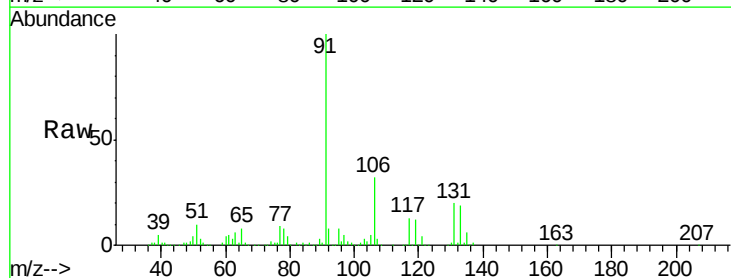
Manual Integrations
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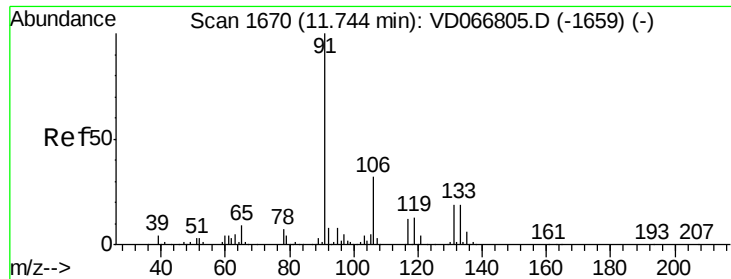
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.149 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	46.7	140.1
119	63.6	32.3	96.9





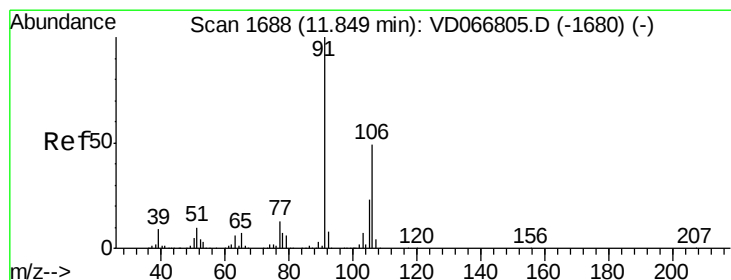
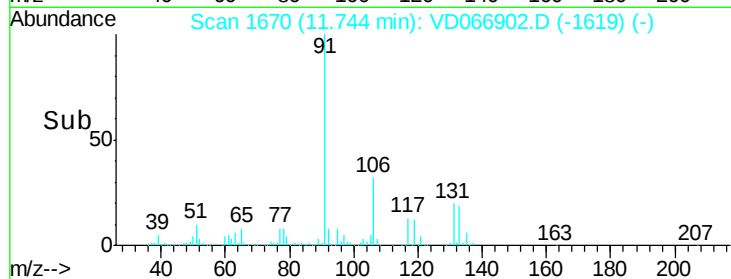
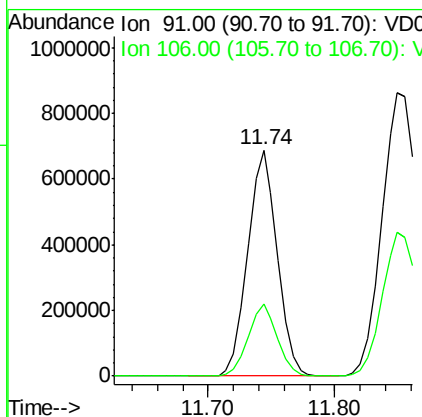
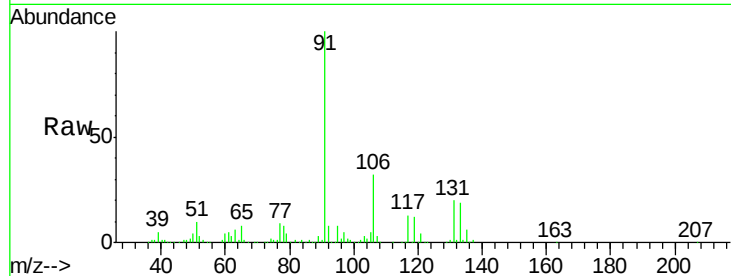
#67
Ethyl Benzene
Concen: 50.423 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 1114962
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

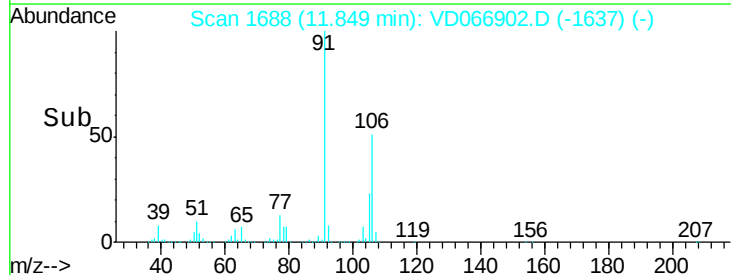
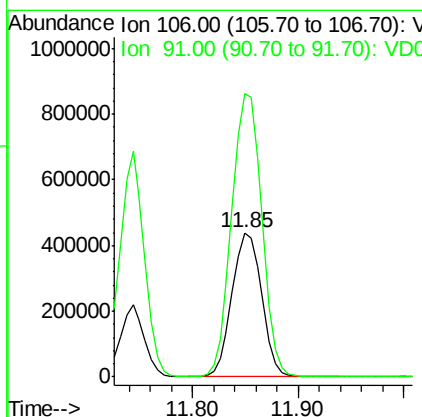
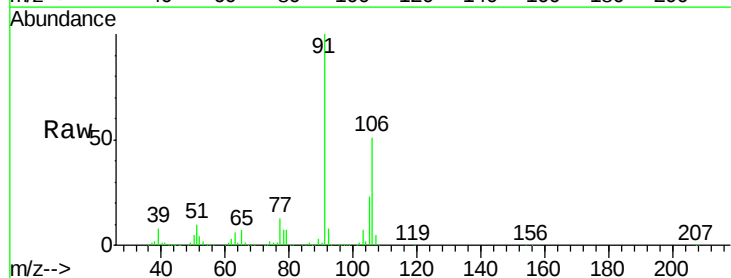
Manual Integrations
APPROVED

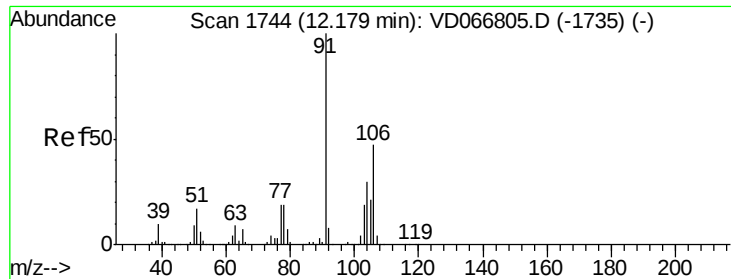
MMDadoda
9/29/2020 11:45:34 AM



#68
m/p-Xylenes
Concen: 101.773 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 106 Resp: 852035
Ion Ratio Lower Upper
106 100
91 199.4 160.7 241.1





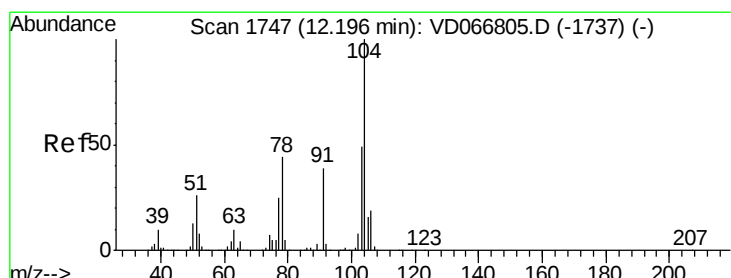
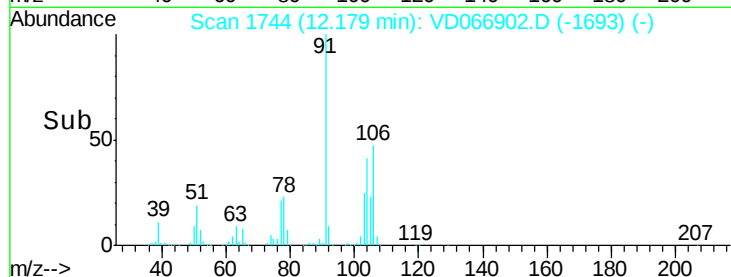
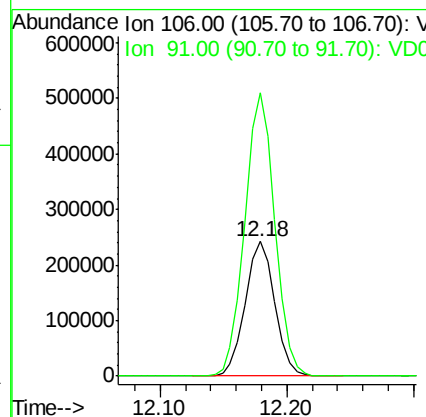
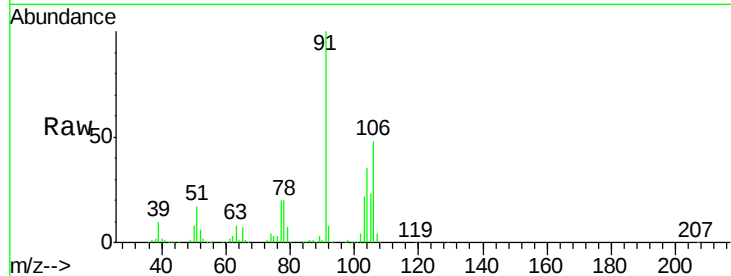
#69
o-Xylene
Concen: 51.824 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	106.3	318.8

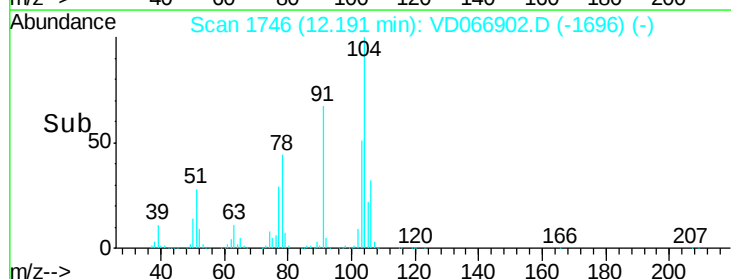
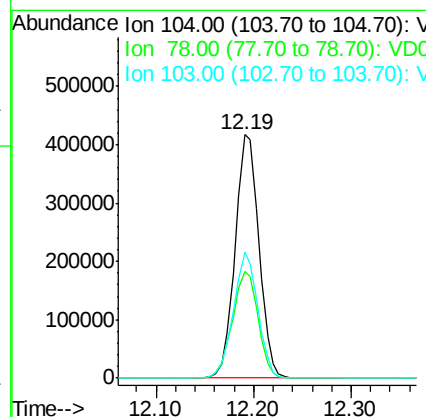
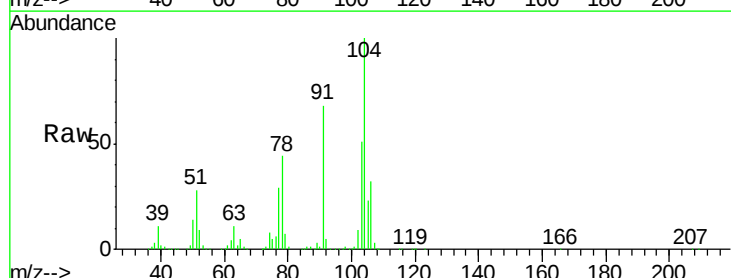
Manual Integrations
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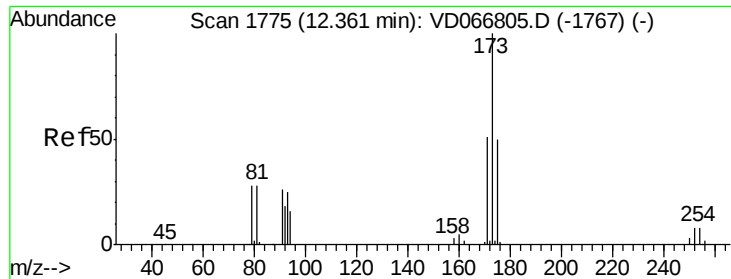
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#70
Styrene
Concen: 53.702 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.9	58.3
103	53.2	43.2	64.8





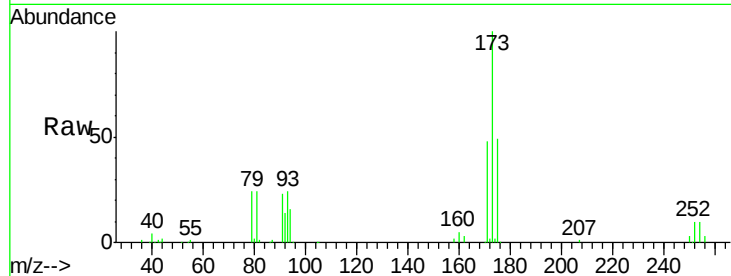
#71
Bromoform
Concen: 53.087 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

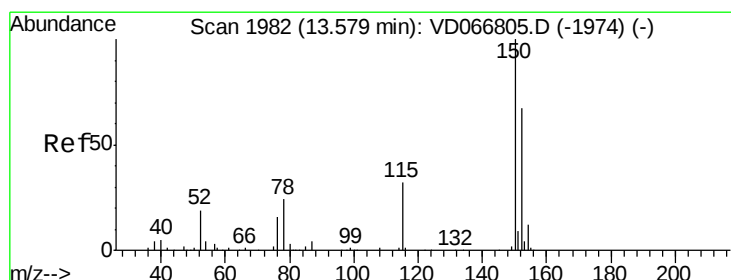
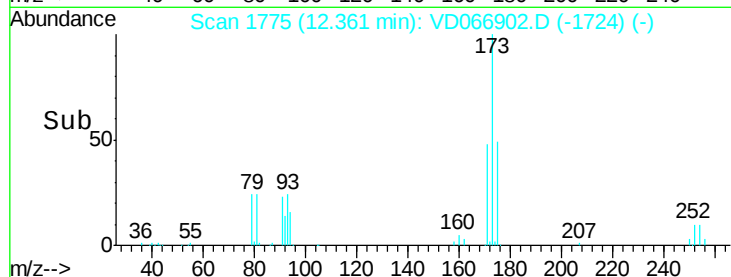
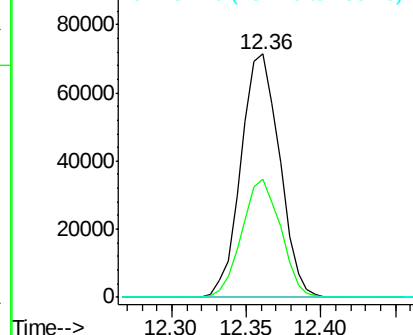
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

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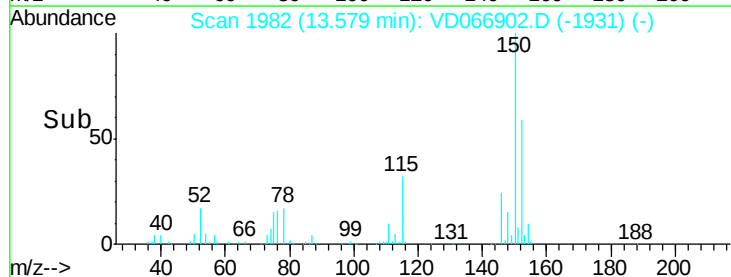
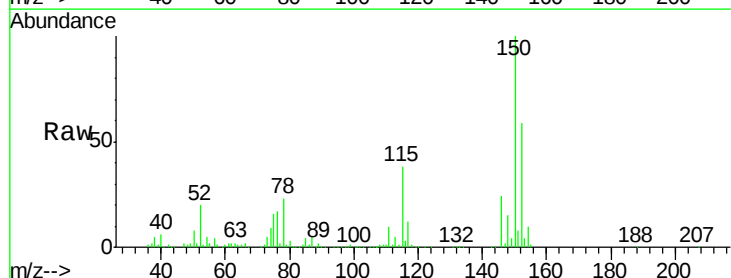
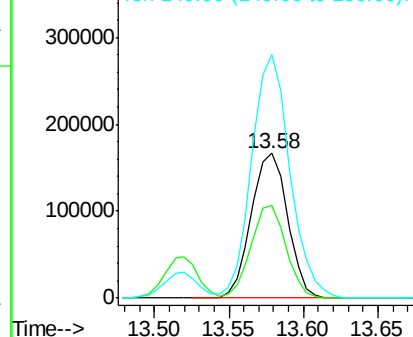
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

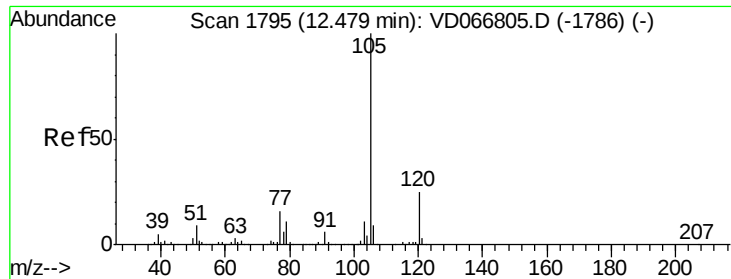


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.3	91.0
150	177.3	0.0	346.2

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





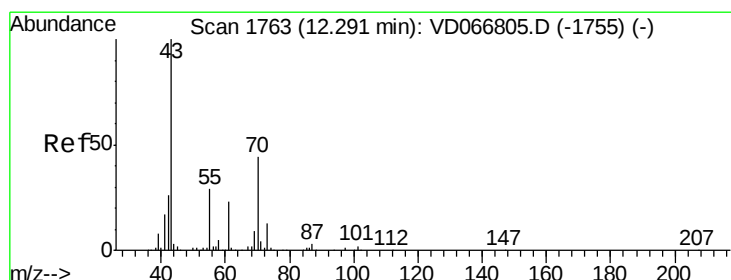
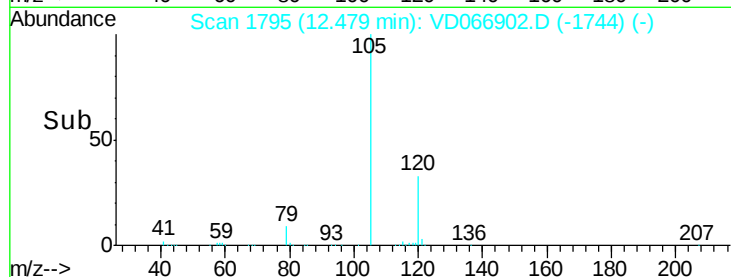
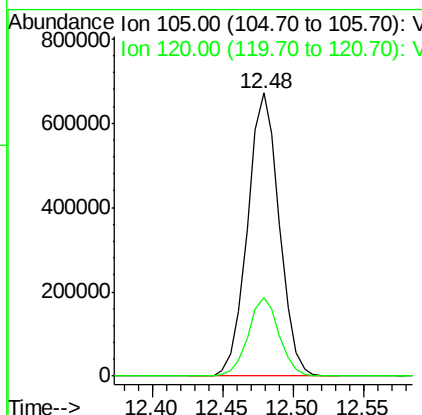
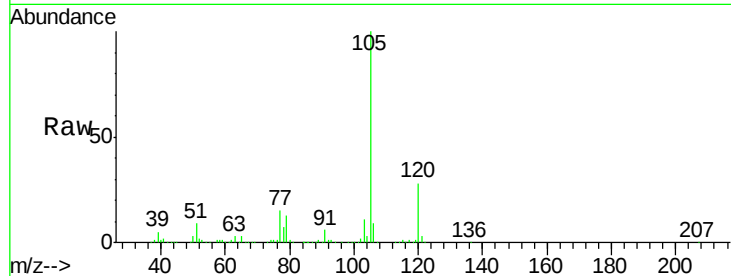
#73
Isopropylbenzene
Concen: 52.380 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1059043
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

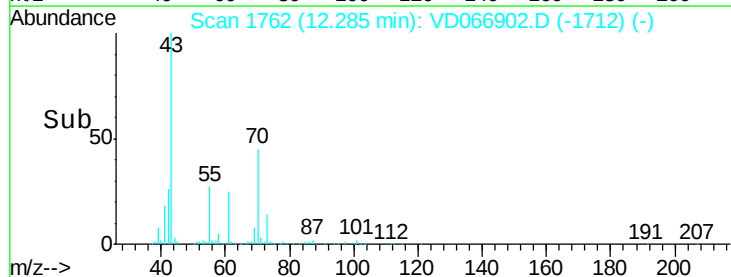
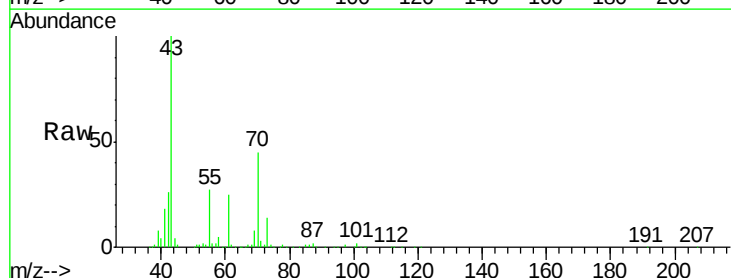
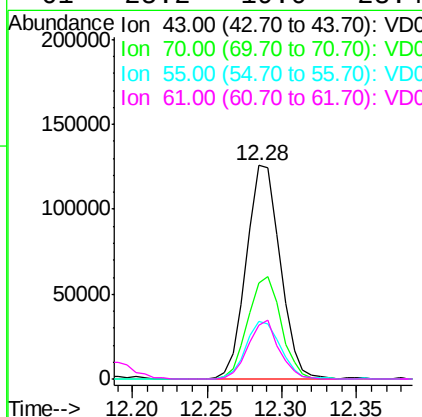
Manual Integrations
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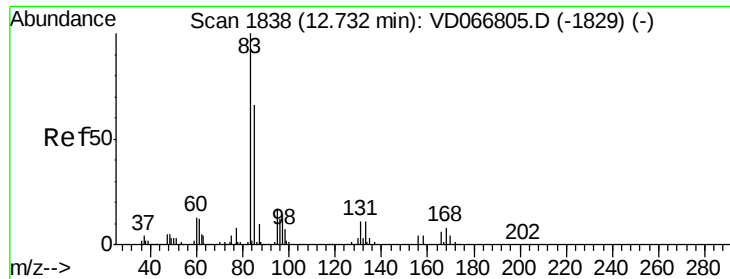
MMDadoda
9/29/2020 11:45:34 AM



#74
N-ethyl acetate
Concen: 50.075 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion: 43 Resp: 197711
Ion Ratio Lower Upper
43 100
70 47.2 36.1 54.1
55 27.9 21.8 32.8
61 25.2 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.166 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

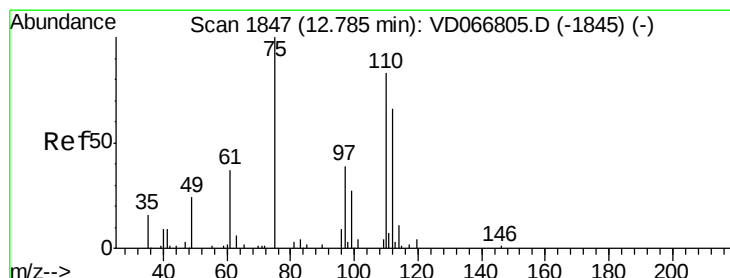
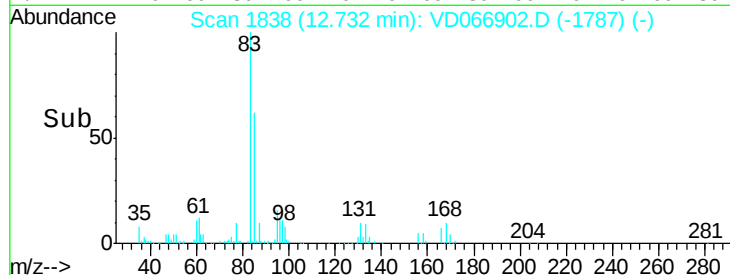
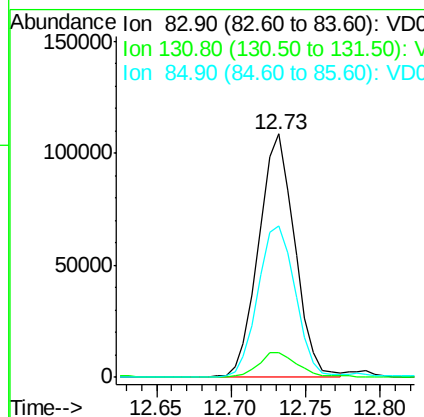
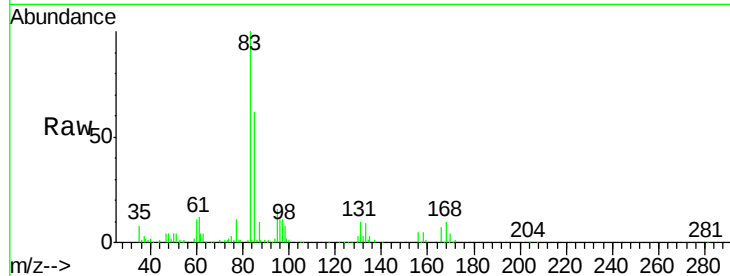
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	181994
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.7
85	64.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 47.079 ug/l m

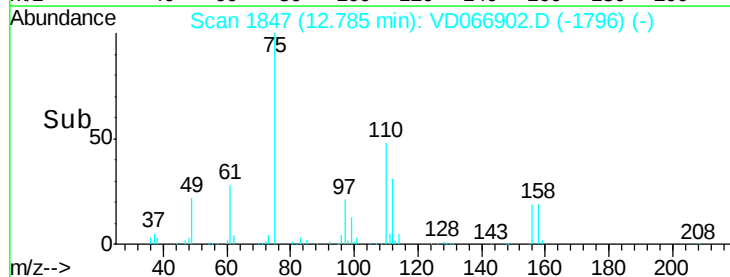
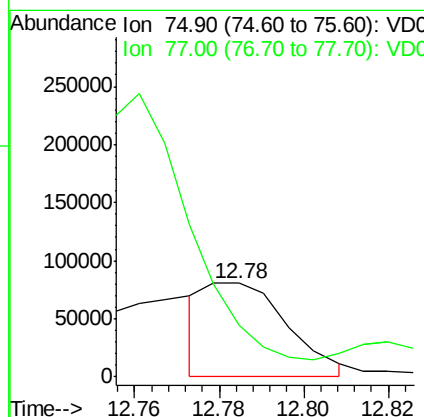
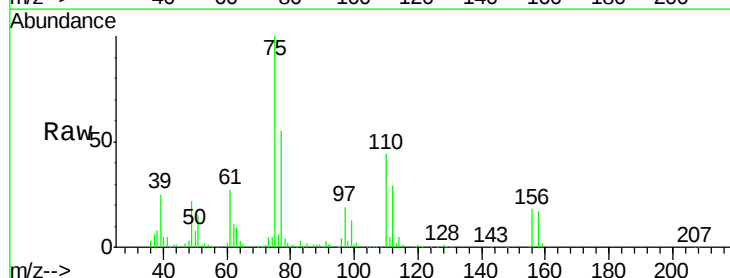
RT: 12.78 min Scan# 1847

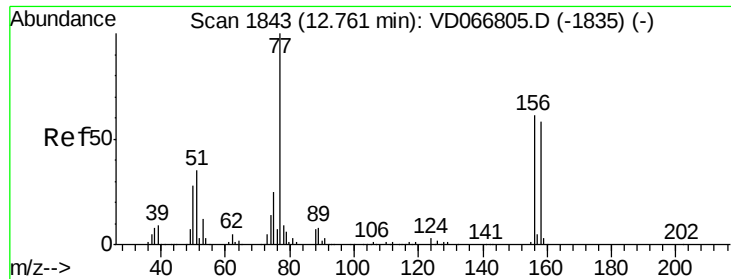
Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Tgt Ion:	75	Resp:	109195
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





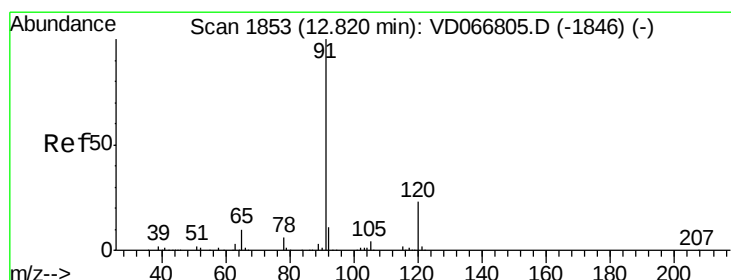
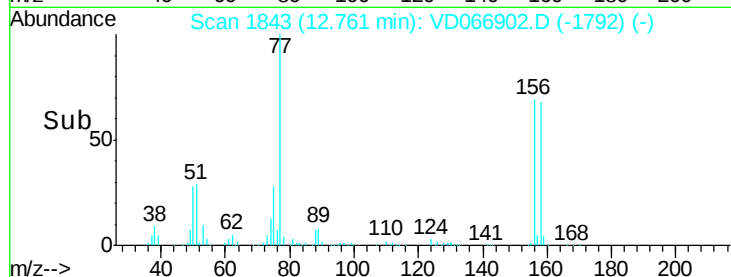
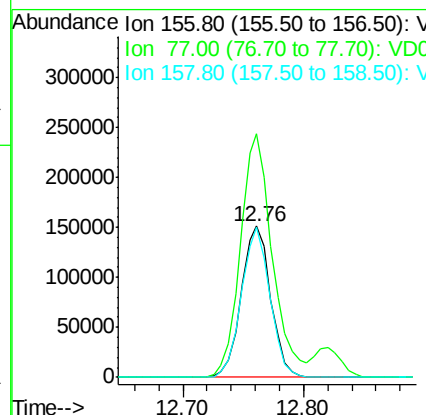
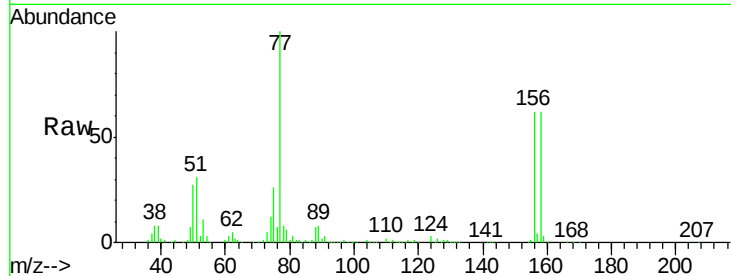
#77
Bromobenzene
Concen: 53.925 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.8	92.3	276.9
158	96.6	47.6	142.9

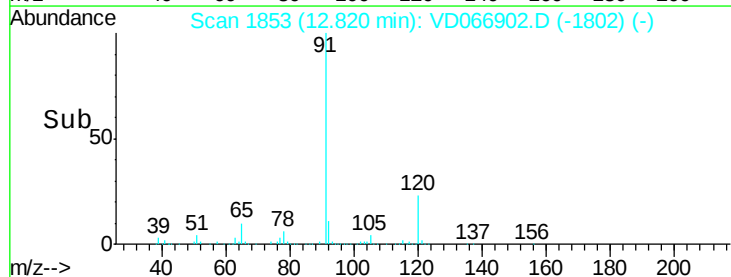
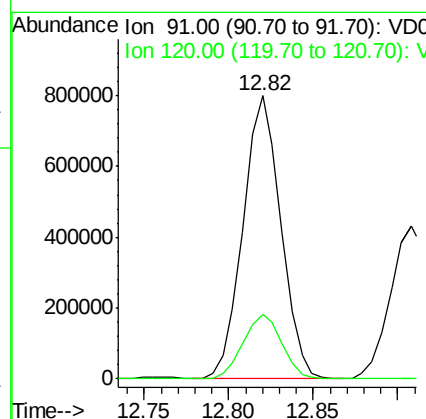
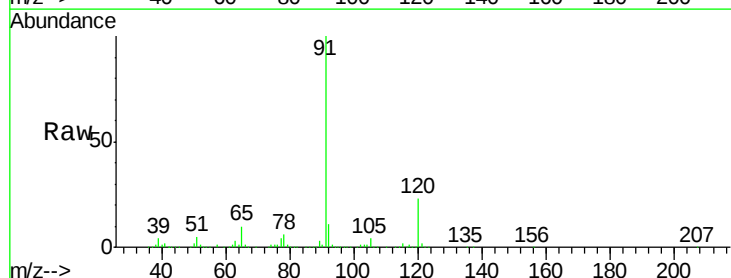
Manual Integrations
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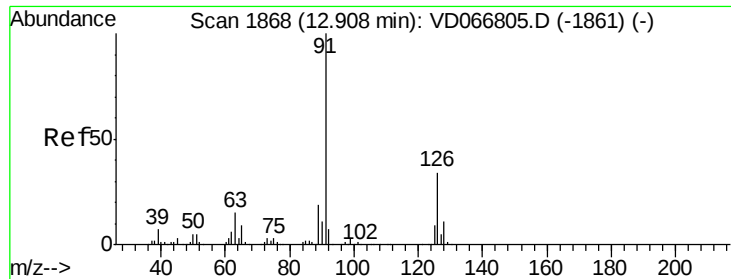
MMDadoda
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#78
n-propylbenzene
Concen: 51.103 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 52.030 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 721185

Ion Ratio Lower Upper

91 100

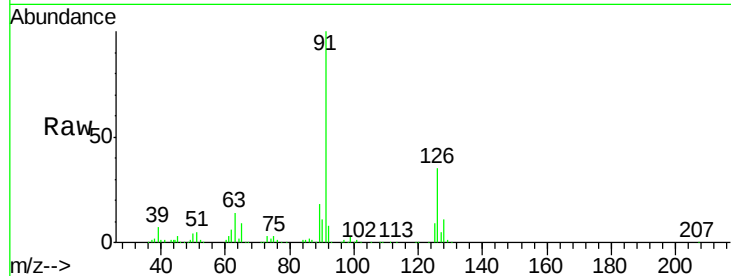
126 34.6 17.0 51.0

Manual Integrations

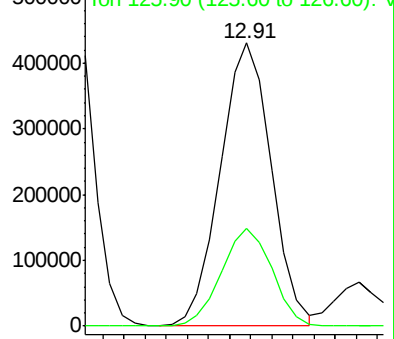
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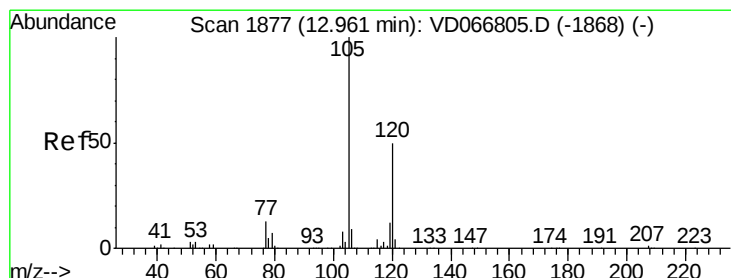
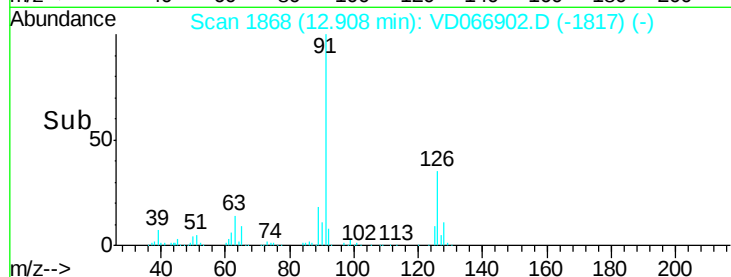
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Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.043 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066902.D

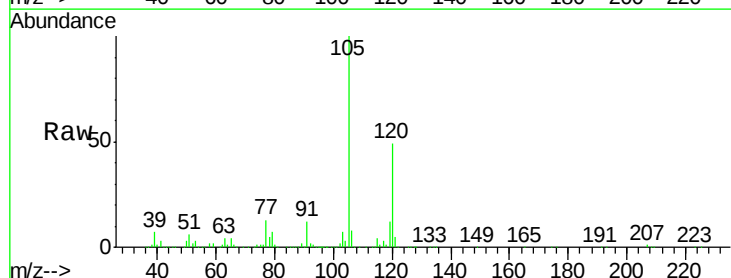
Acq: 26 Sep 2020 05:50

Tgt Ion: 105 Resp: 892823

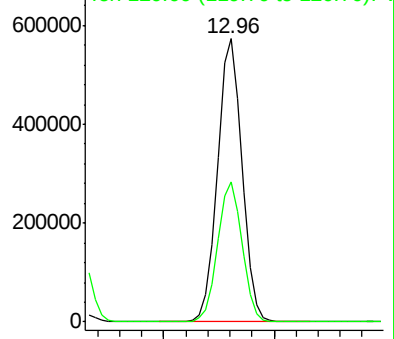
Ion Ratio Lower Upper

105 100

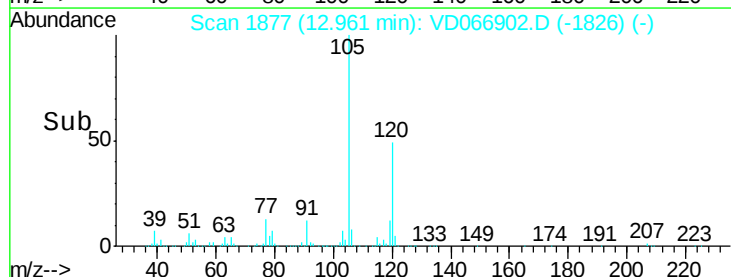
120 49.6 24.4 73.4

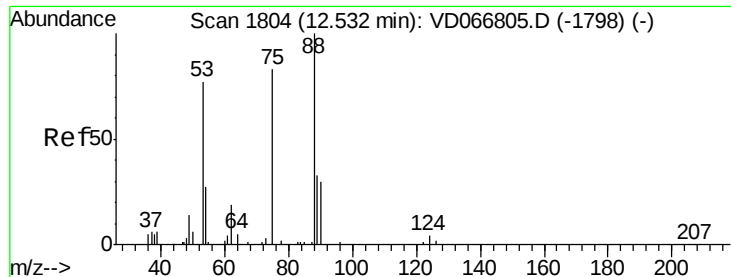


Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 54.274 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066902.D

Acq: 26 Sep 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 50315

Ion Ratio Lower Upper

75 100

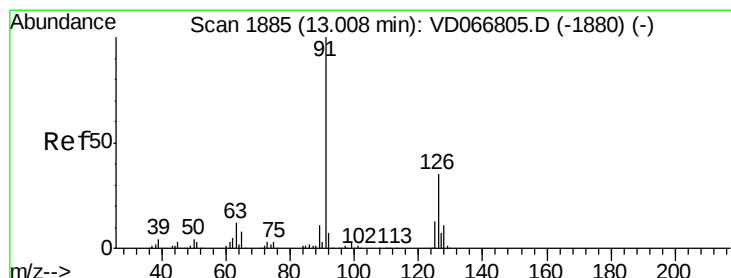
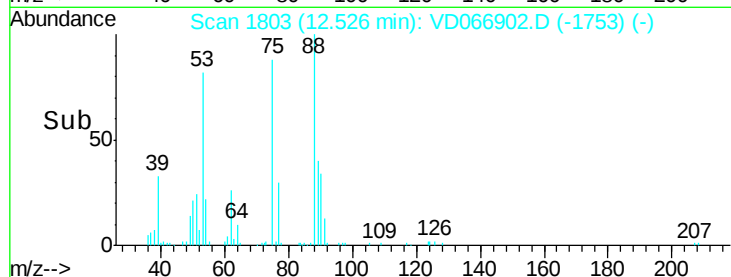
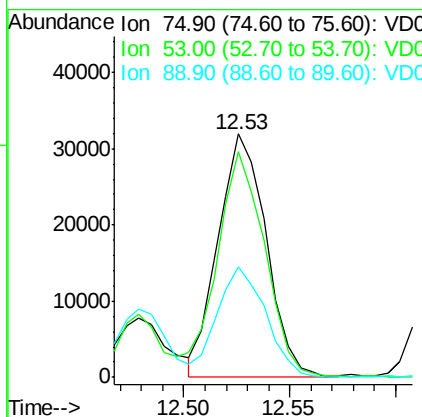
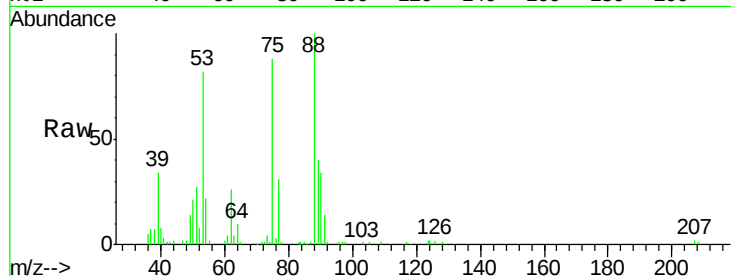
53 92.8 78.5 117.7

89 46.0 38.1 57.1

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#82

4-Chlorotoluene

Concen: 51.975 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066902.D

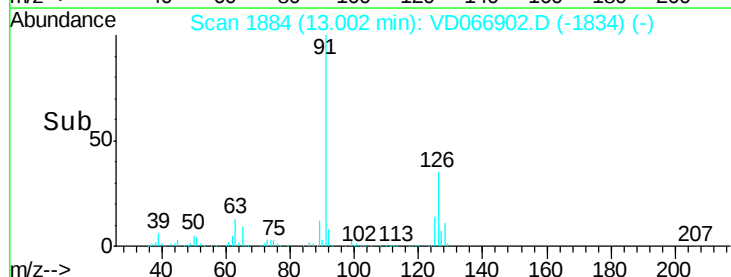
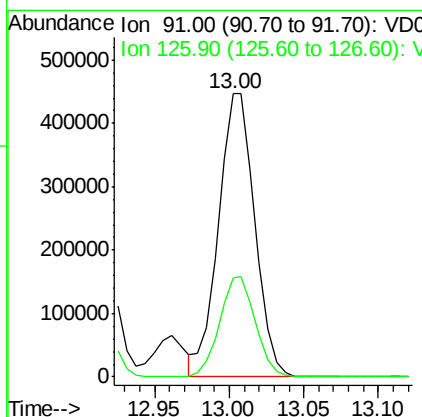
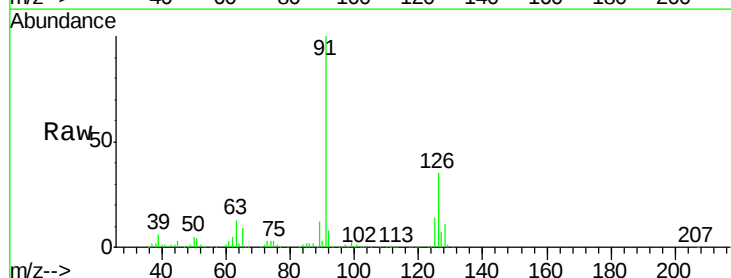
Acq: 26 Sep 2020 05:50

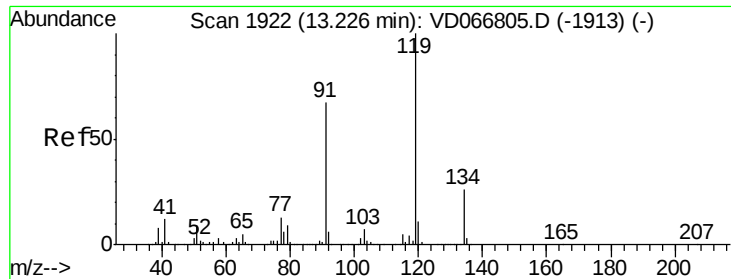
Tgt Ion: 91 Resp: 759429

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.2





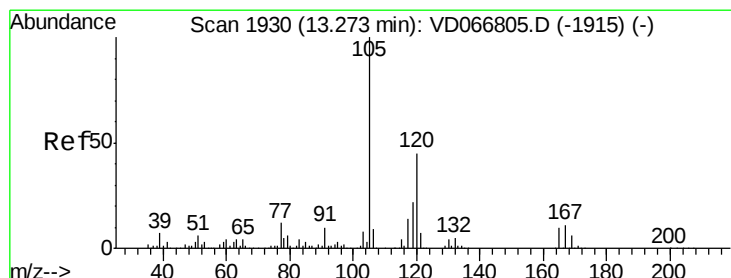
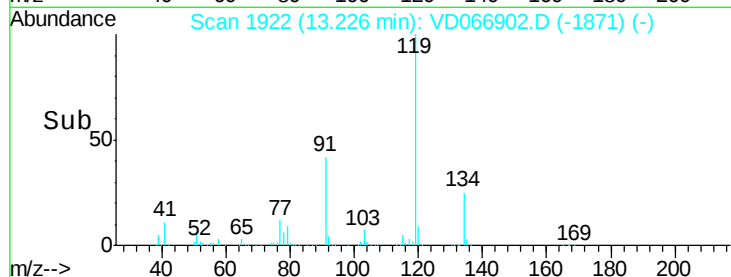
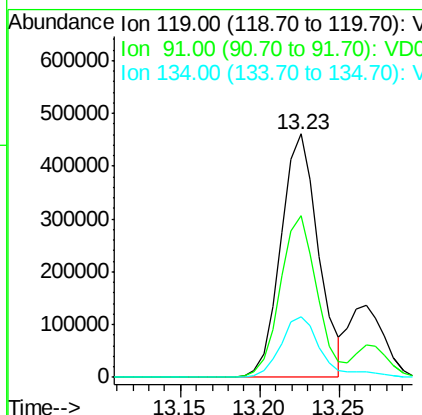
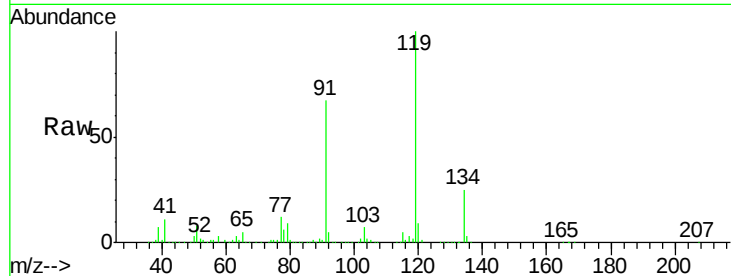
#83
tert-Butylbenzene
Concen: 53.389 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.6	100.8
134	27.1	13.5	40.4

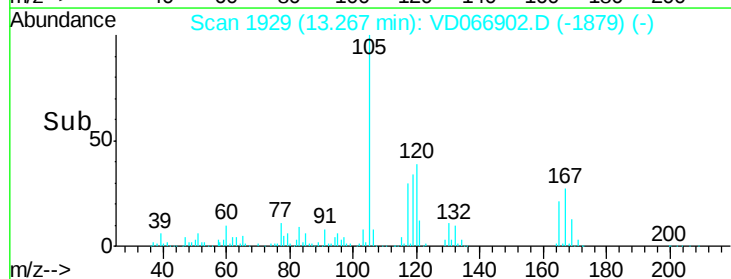
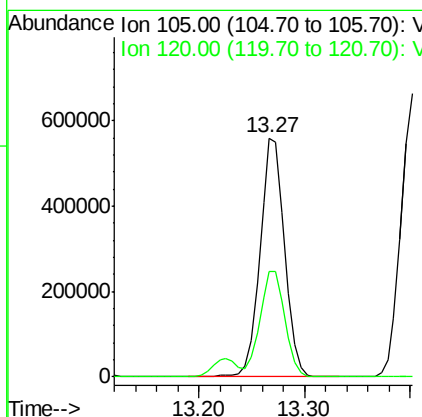
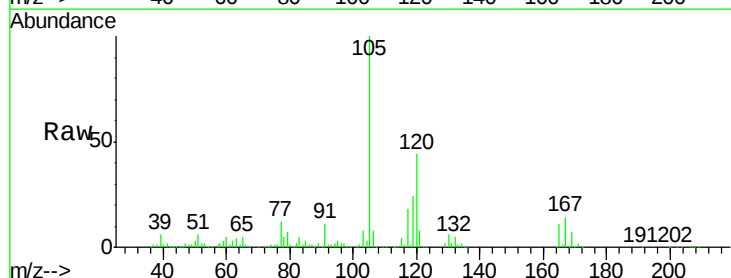
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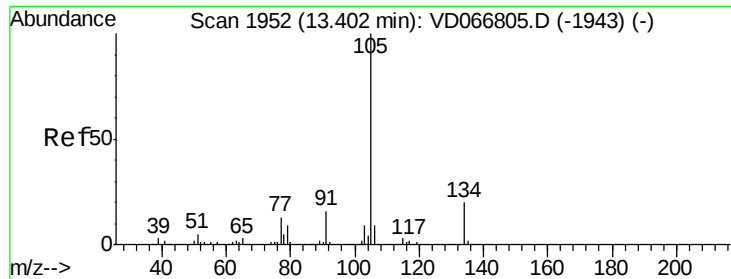
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#84
1,2,4-Trimethylbenzene
Concen: 53.124 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9





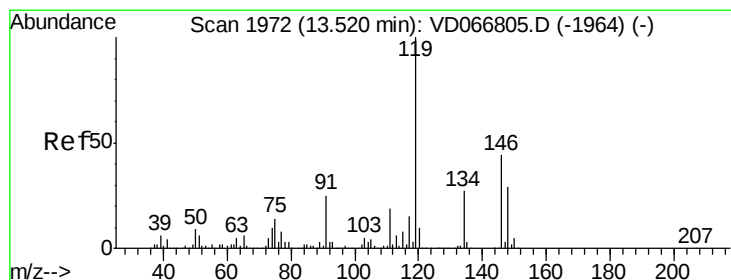
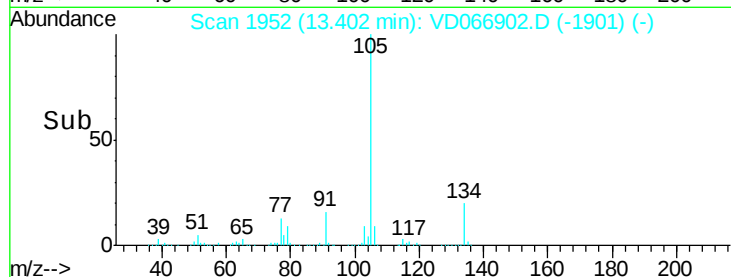
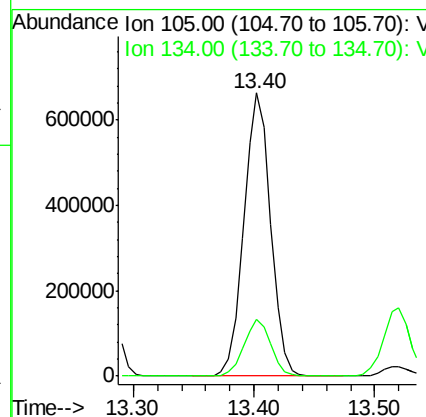
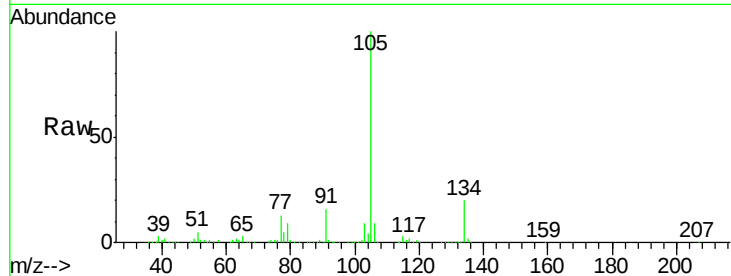
#85
 sec-Butylbenzene
 Concen: 50.486 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1023440
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

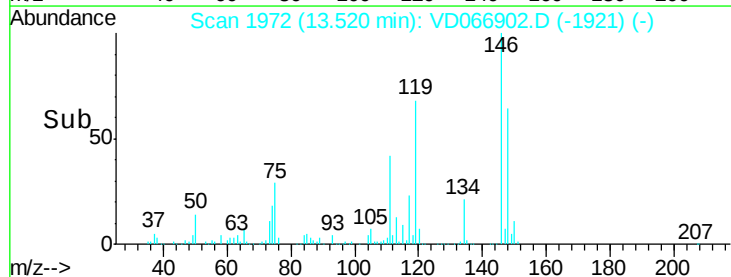
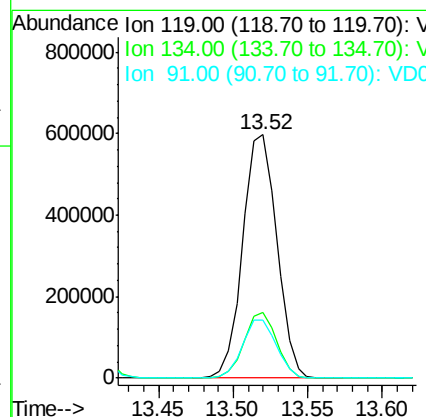
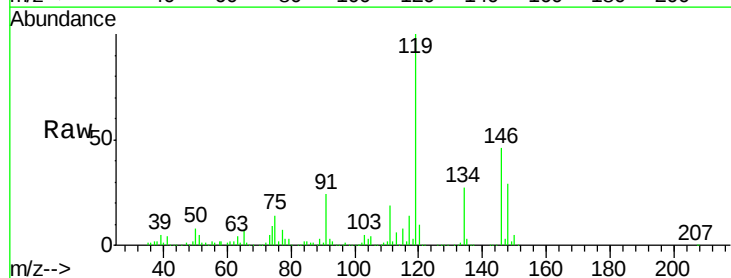
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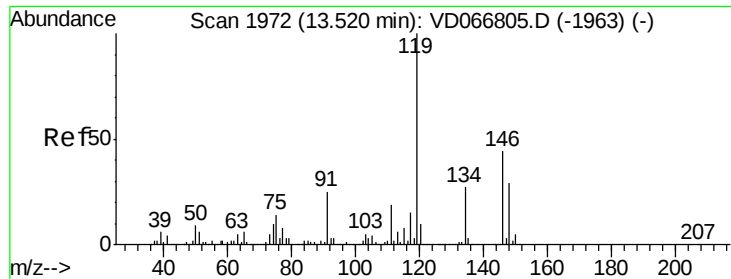
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#86
 p-Isopropyltoluene
 Concen: 51.733 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion:119 Resp: 945300
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.7 12.0 36.1





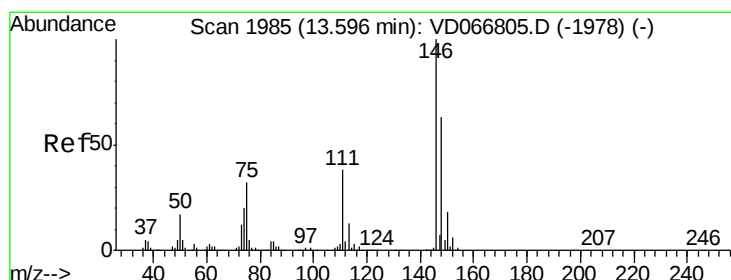
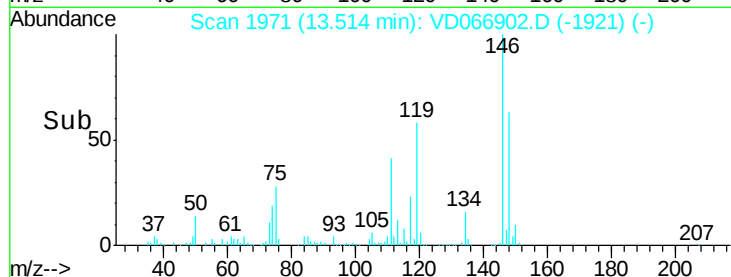
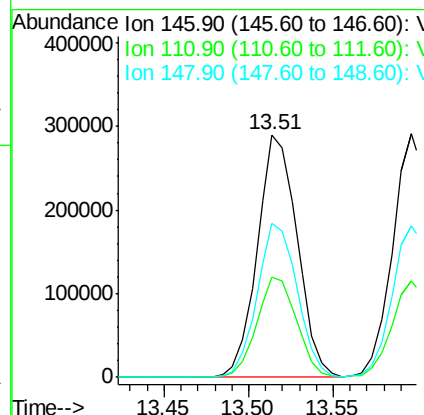
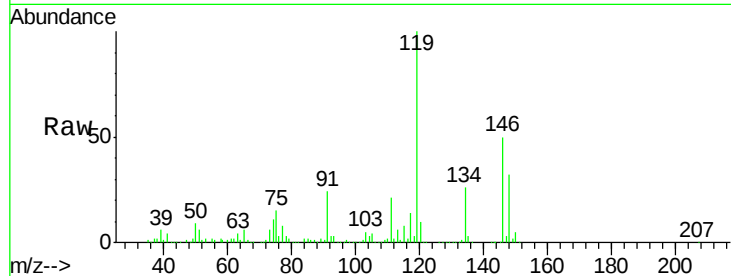
#87
 1,3-Dichlorobenzene
 Concen: 50.964 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	476113		
111	41.1	20.3	60.9	
148	63.6	31.9	95.5	

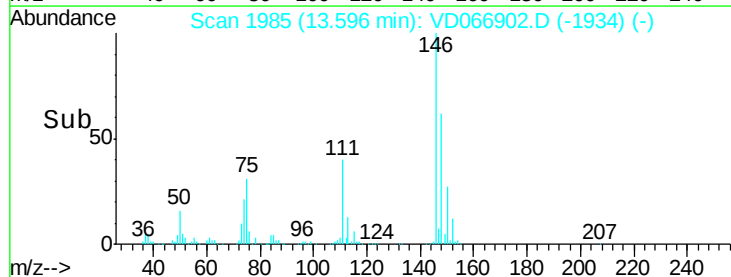
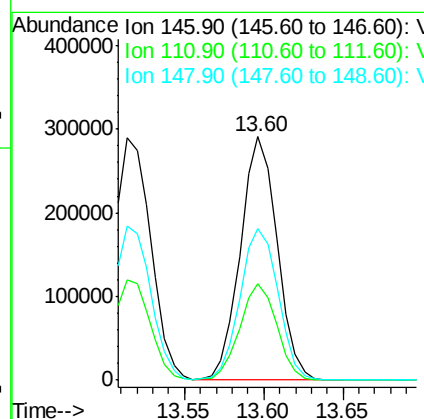
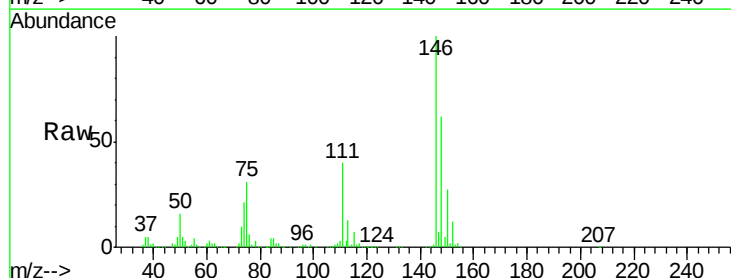
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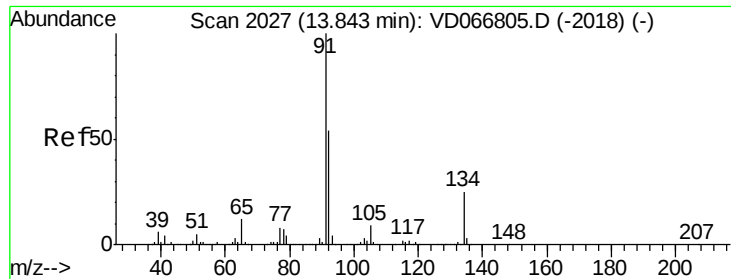
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 9/29/2020 11:45:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.335 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467043		
111	40.1	20.2	60.5	
148	64.6	31.6	94.7	





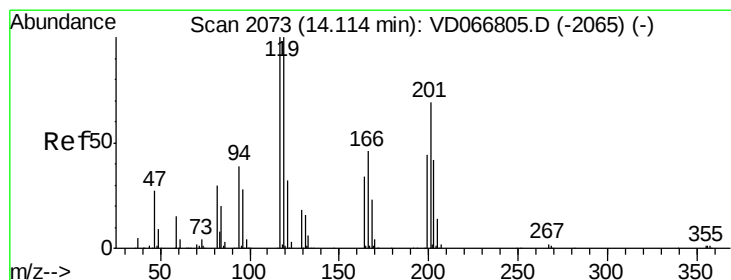
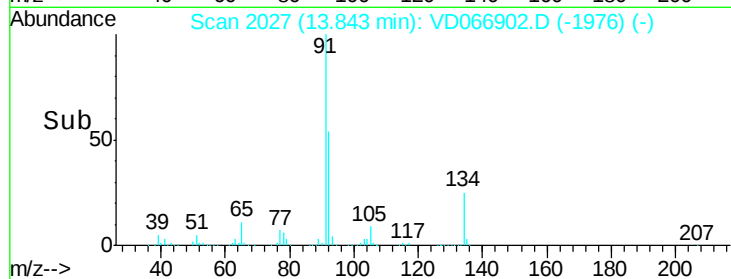
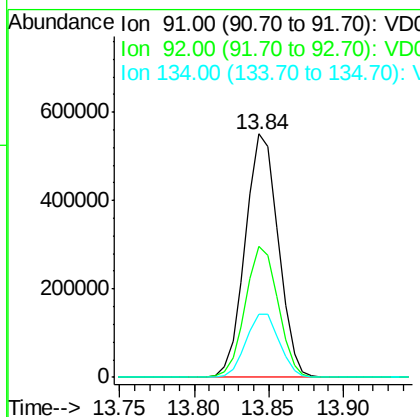
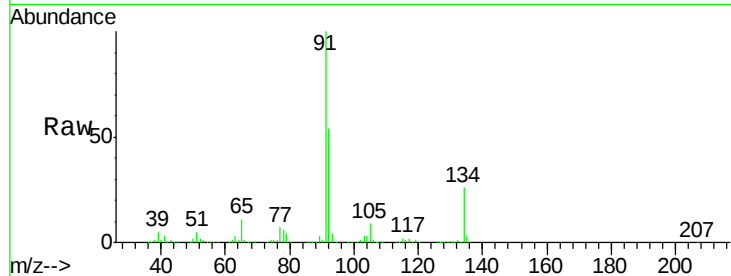
#89
n-Butylbenzene
Concen: 48.498 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	26.2	13.1	39.1

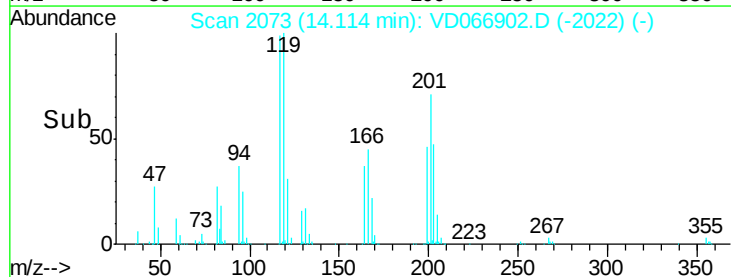
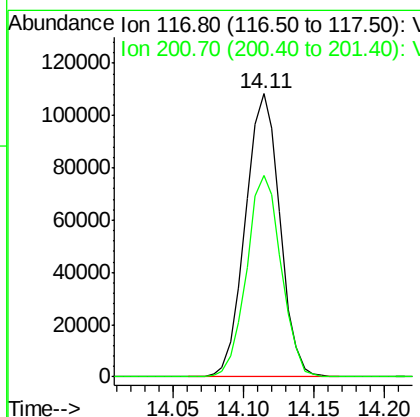
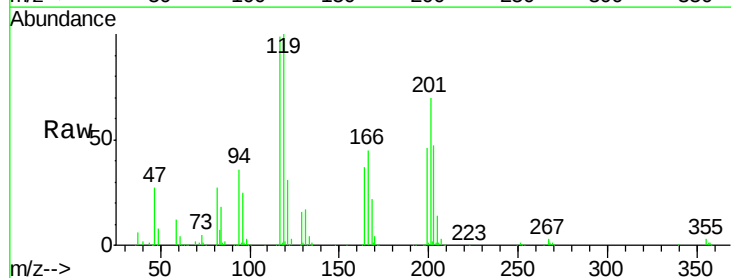
Manual Integrations
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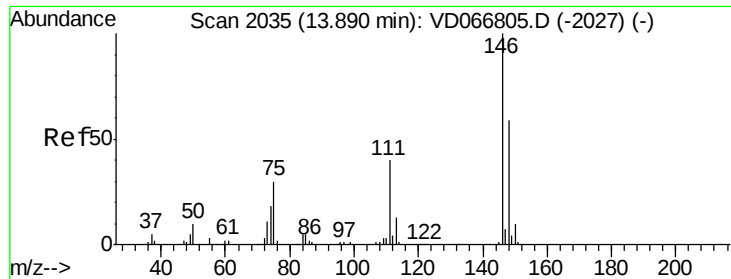
MMDadoda
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#90
Hexachloroethane
Concen: 50.281 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	33.7	101.0





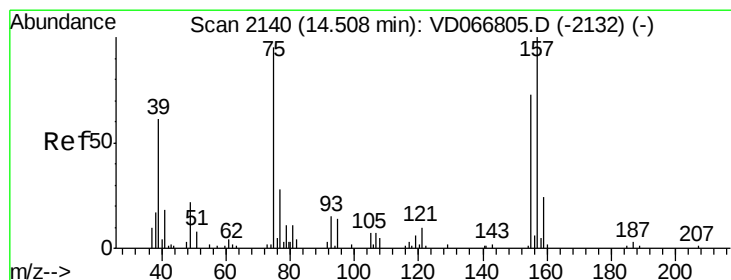
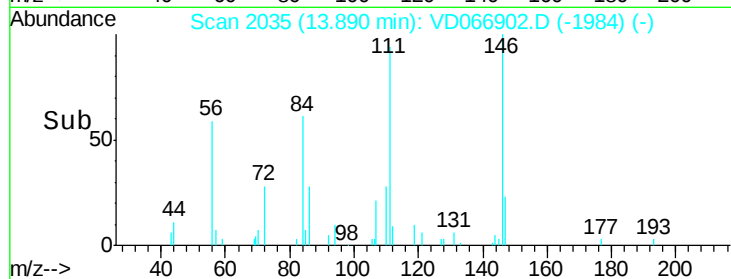
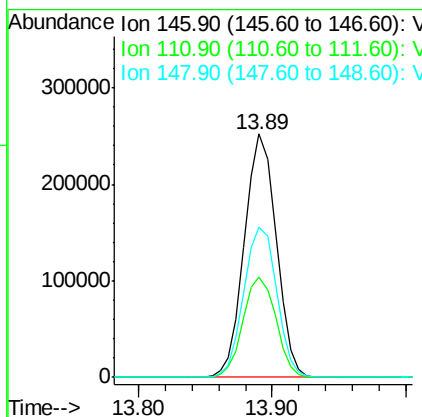
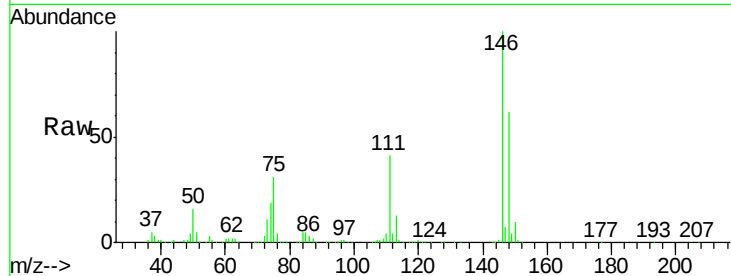
#91
 1,2-Dichlorobenzene
 Concen: 52.194 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	63.8	31.8	95.3

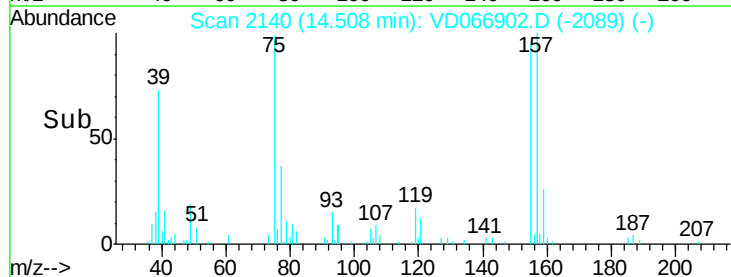
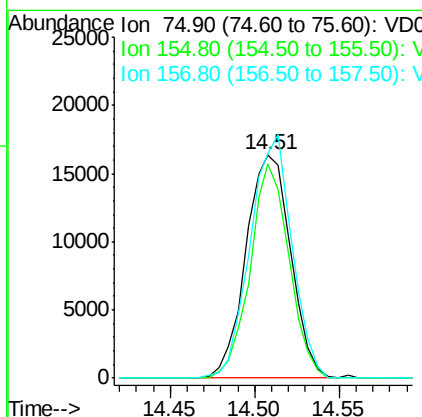
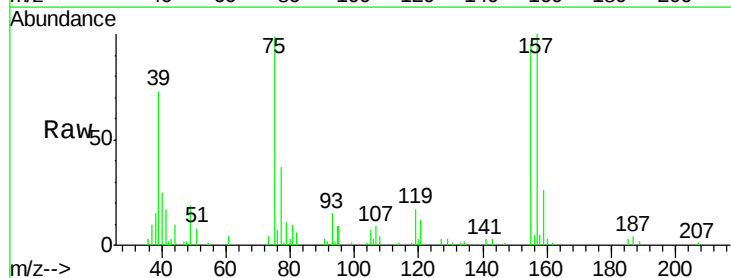
Manual Integrations
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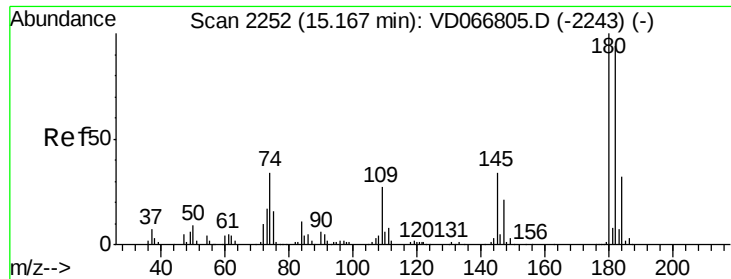
MMDadoda
 9/29/2020 11:45:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.708 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	40.4	121.2
157	101.6	51.3	153.9





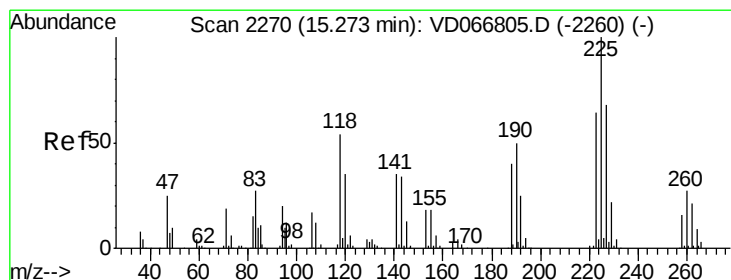
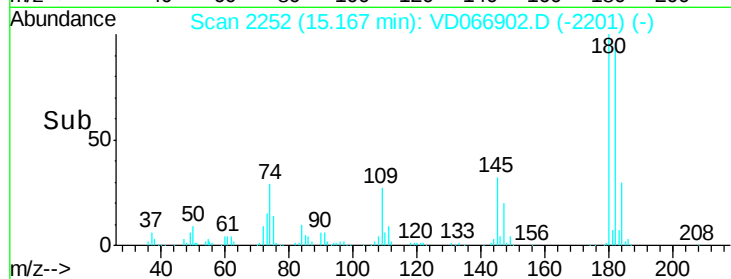
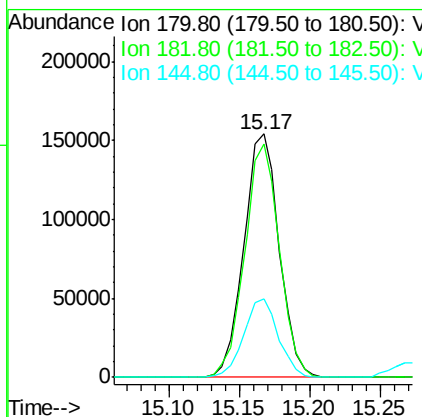
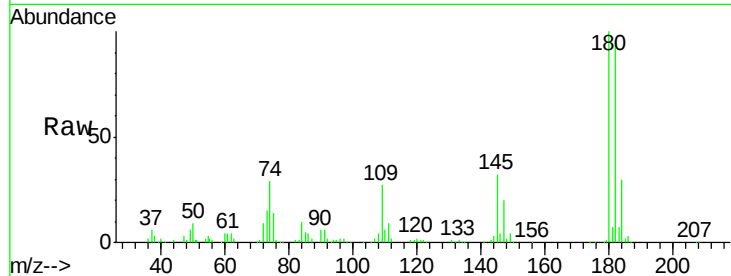
#93
 1,2,4-Trichlorobenzene
 Concen: 53.786 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270616		
182	94.2	48.8	146.3	
145	31.7	16.7	50.0	

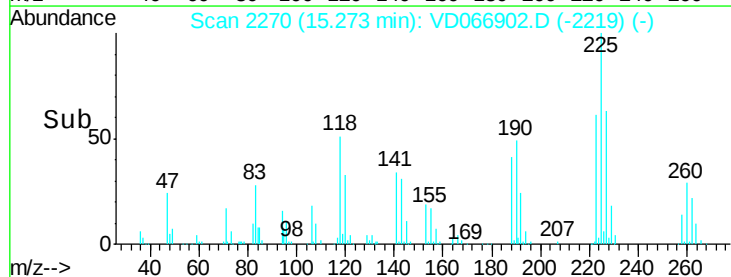
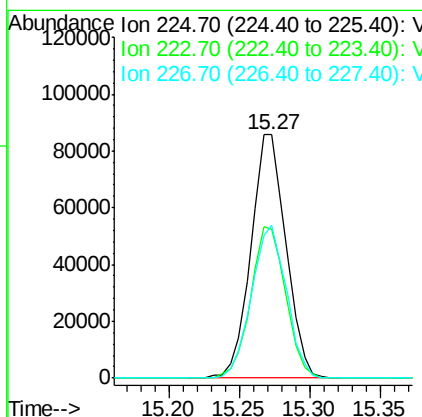
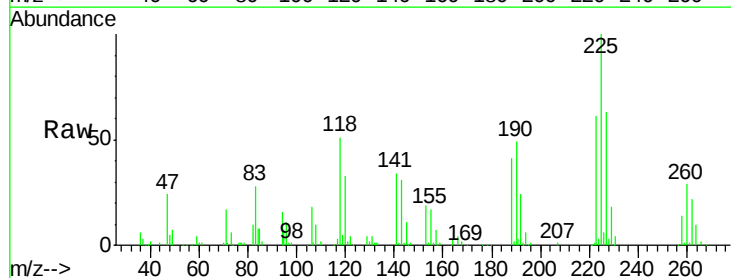
Manual Integrations
 APPROVED

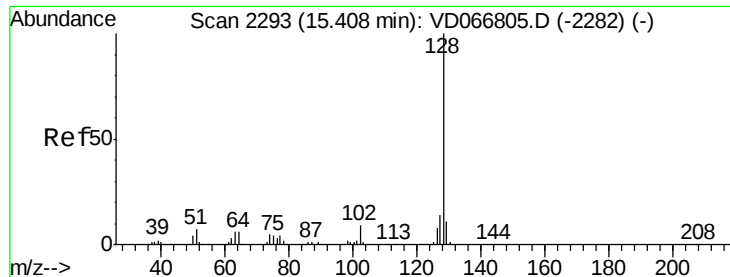
MMDadoda
 9/29/2020 11:45:34 AM



#94
 Hexachlorobutadiene
 Concen: 49.654 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066902.D
 Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149708		
223	62.0	31.1	93.3	
227	62.6	31.7	95.1	





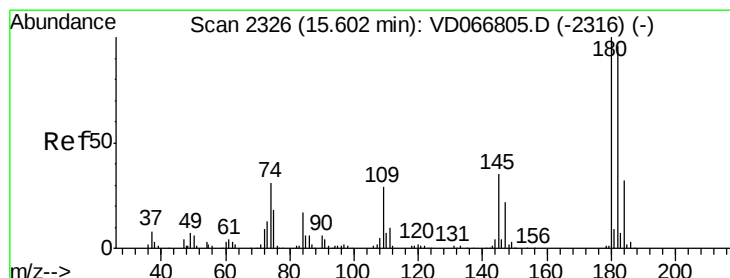
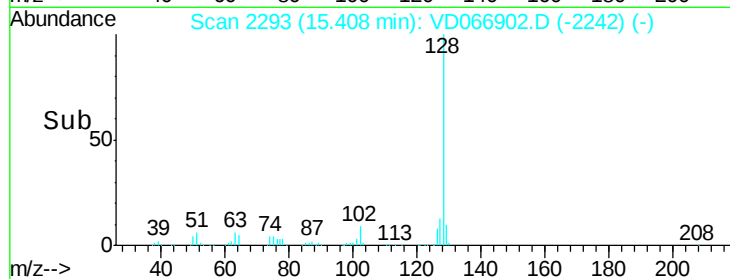
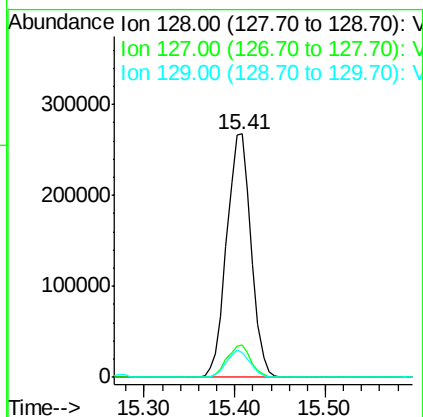
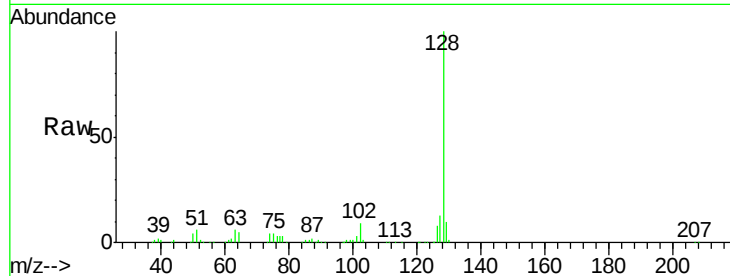
#95
Naphthalene
Concen: 58.679 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.6	8.9	13.3

Manual Integrations
APPROVED

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9/29/2020 11:45:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.010 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066902.D
Acq: 26 Sep 2020 05:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	35.9	17.0	51.0

