

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066822.D
 Acq On : 22 Sep 2020 20:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:12 PM

Quant Time: Sep 23 03:29:46 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	396960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	643729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199565	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.91	113	197351	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	10.33	98	725454	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	245493	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	131638	47.236	ug/l	91
3) Chloromethane	2.20	50	171947	47.145	ug/l	95
4) Vinyl Chloride	2.35	62	174418	48.406	ug/l	99
5) Bromomethane	2.77	94	125270	49.463	ug/l	96
6) Chloroethane	2.92	64	111624	49.886	ug/l	94
7) Trichlorofluoromethane	3.27	101	335201	45.297	ug/l	99
8) Diethyl Ether	3.70	74	98035	52.183	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	199399	46.469	ug/l	98
10) Methyl Iodide	4.30	142	208484	55.059	ug/l	99
11) Tert butyl alcohol	5.23	59	53853	224.578	ug/l	96
12) 1,1-Dichloroethene	4.07	96	188406	48.469	ug/l	99
13) Acrolein	3.92	56	64100	223.644	ug/l	100
14) Allyl chloride	4.71	41	293922	51.494	ug/l	99
15) Acrylonitrile	5.41	53	216227	259.716	ug/l	99
16) Acetone	4.15	43	171981	208.664	ug/l	98
17) Carbon Disulfide	4.41	76	579531	48.766	ug/l	100
18) Methyl Acetate	4.71	43	99519	54.438	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	455340	53.941	ug/l	99
20) Methylene Chloride	4.96	84	262139	60.108	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	229449	50.979	ug/l	87
22) Diisopropyl ether	6.36	45	647994	55.214	ug/l	96
23) Vinyl Acetate	6.30	43	1526549	239.690	ug/l	99
24) 1,1-Dichloroethane	6.26	63	406106	51.725	ug/l	97
25) 2-Butanone	7.21	43	247291	249.671	ug/l	98
26) 2,2-Dichloropropane	7.20	77	323325	44.931	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	259720	53.109	ug/l	97
28) Bromochloromethane	7.54	49	178957	55.174	ug/l #	99
29) Tetrahydrofuran	7.56	42	164280	258.854	ug/l	98
30) Chloroform	7.71	83	437478	51.692	ug/l	97
31) Cyclohexane	7.98	56	324716	45.965	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	375922	49.103	ug/l	99
36) 1,1-Dichloropropene	8.11	75	316057	49.490	ug/l	99
37) Ethyl Acetate	7.29	43	123212	53.368	ug/l #	83
38) Carbon Tetrachloride	8.09	117	329073	47.131	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	360856	49.214	ug/l	96
40) Benzene	8.34	78	919870	51.682	ug/l	98
41) Methacrylonitrile	7.53	41	78576m	55.344	ug/l	
42) 1,2-Dichloroethane	8.42	62	269603	51.239	ug/l	100
43) Isopropyl Acetate	8.45	43	229403	51.539	ug/l	99
44) Trichloroethene	9.11	130	249557	49.191	ug/l	99
45) 1,2-Dichloropropane	9.38	63	226274	50.529	ug/l	99
46) Dibromomethane	9.47	93	126166	51.854	ug/l	99
47) Bromodichloromethane	9.66	83	335673	51.357	ug/l	98
48) Methyl methacrylate	9.45	41	122393	55.771	ug/l	93
49) 1,4-Dioxane	9.45	88	28546	1038.571	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	608984	270.014	ug/l	99
52) Toluene	10.40	92	600452	52.374	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	282422	50.768	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	343504	50.640	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	172669	51.623	ug/l	98
56) Ethyl methacrylate	10.66	69	197244	55.047	ug/l	96
57) 1,3-Dichloropropane	10.94	76	287897	52.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	413386	243.652	ug/l	99
59) 2-Hexanone	10.98	43	408898	268.840	ug/l	99
60) Dibromochloromethane	11.14	129	224049	51.324	ug/l	99
61) 1,2-Dibromoethane	11.24	107	162263	52.157	ug/l	100
64) Tetrachloroethene	10.87	164	219920	50.688	ug/l	97
65) Chlorobenzene	11.67	112	632987	50.416	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	239344	50.368	ug/l	99
67) Ethyl Benzene	11.74	91	1116073	50.613	ug/l	98
68) m/p-Xylenes	11.85	106	864193	103.510	ug/l	99
69) o-Xylene	12.18	106	399169	52.875	ug/l	98
70) Styrene	12.19	104	694017	52.937	ug/l	99
71) Bromoform	12.36	173	121356	50.440	ug/l #	99
73) Isopropylbenzene	12.48	105	1063889	51.845	ug/l	99
74) N-amyl acetate	12.29	43	208208	51.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171743	48.502	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	133028m	56.509	ug/l	
77) Bromobenzene	12.76	156	244563	50.957	ug/l	99
78) n-propylbenzene	12.82	91	1261960	51.118	ug/l	99
79) 2-Chlorotoluene	12.91	91	717004	50.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	912750	52.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	41663	44.279	ug/l	98
82) 4-Chlorotoluene	13.00	91	761199	51.329	ug/l	100
83) tert-Butylbenzene	13.23	119	751698	52.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	910162	52.714	ug/l	100
85) sec-Butylbenzene	13.40	105	1038380	50.468	ug/l	99
86) p-Isopropyltoluene	13.51	119	968365	52.214	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	470335	49.604	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	456760	48.502	ug/l	98
89) n-Butylbenzene	13.84	91	891650	50.582	ug/l	100
90) Hexachloroethane	14.11	117	177487	47.139	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	408379	50.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27197	47.746	ug/l	94

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	262136	51.332	ug/l	96
94) Hexachlorobutadiene	15.27	225	149326	48.797	ug/l	98
95) Naphthalene	15.40	128	465365	53.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	227882	51.702	ug/l	100

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

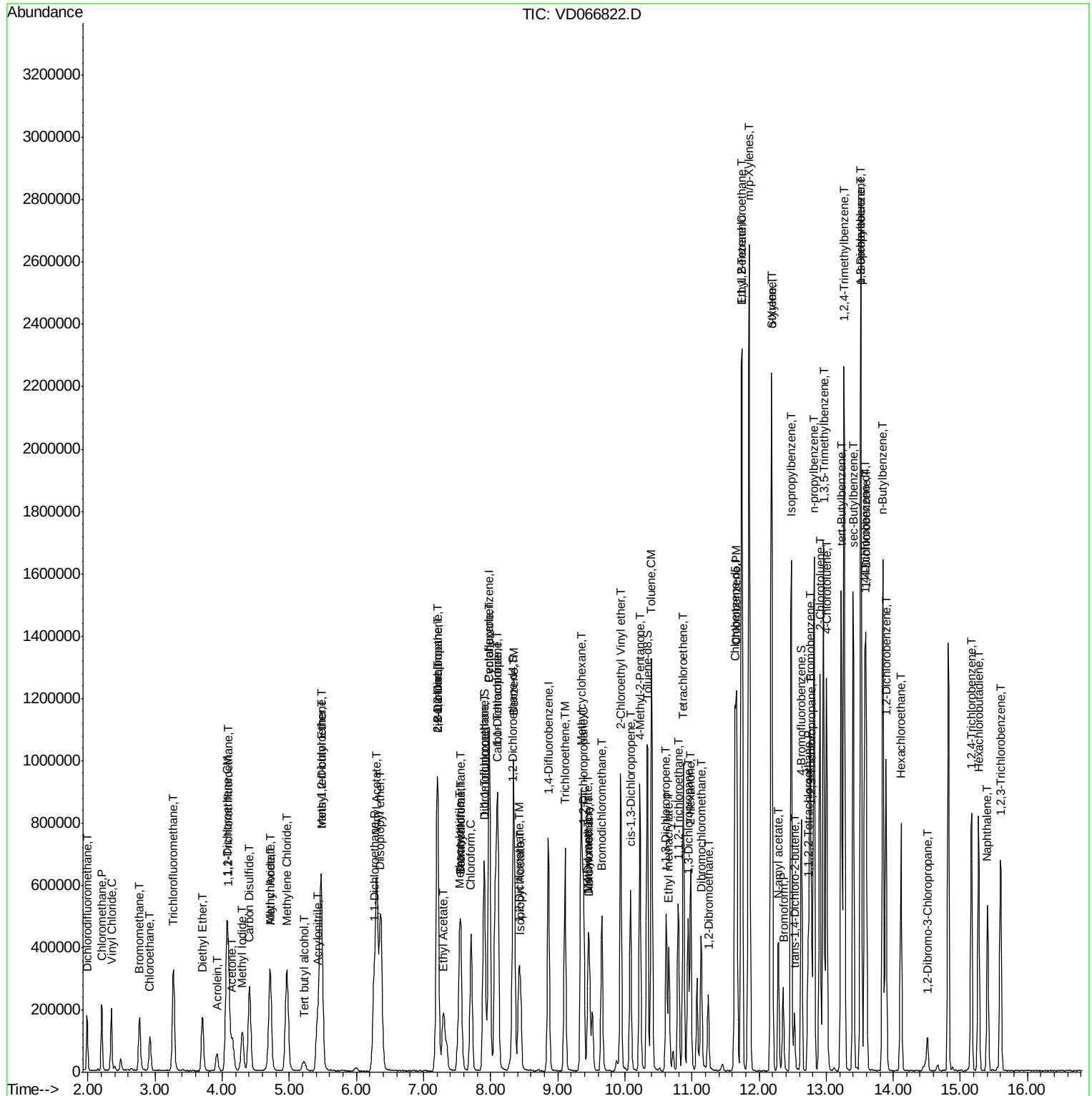
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Data File : VD066822.D
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Operator : VA/SY
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ALS Vial : 25 Sample Multiplier: 1

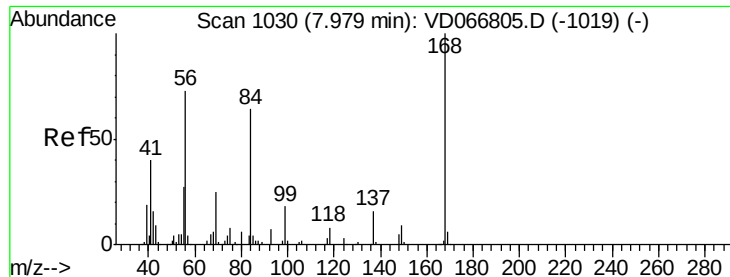
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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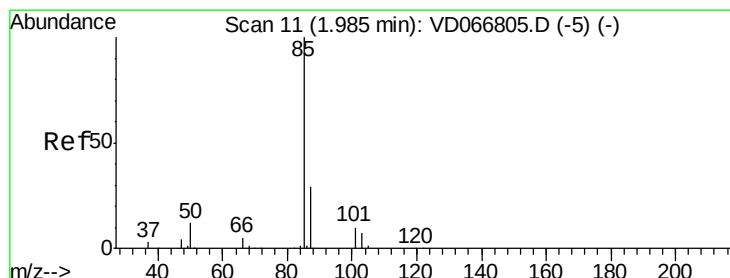
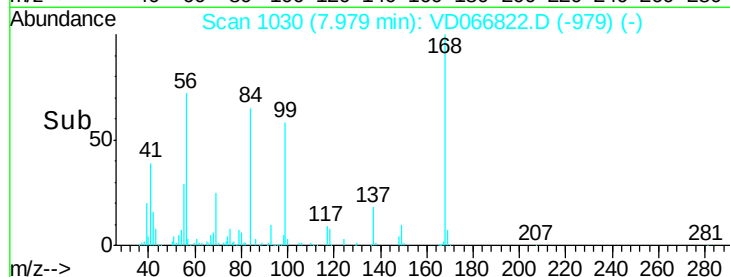
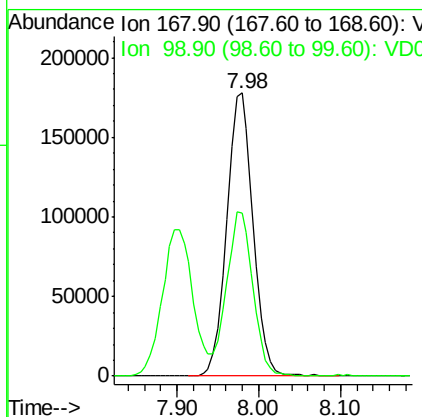
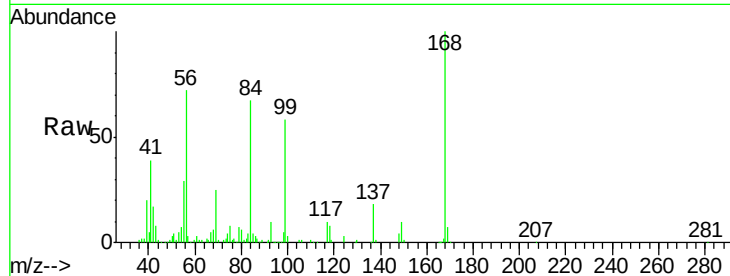
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 396960
Ion Ratio Lower Upper
168 100
99 57.0 46.6 69.8

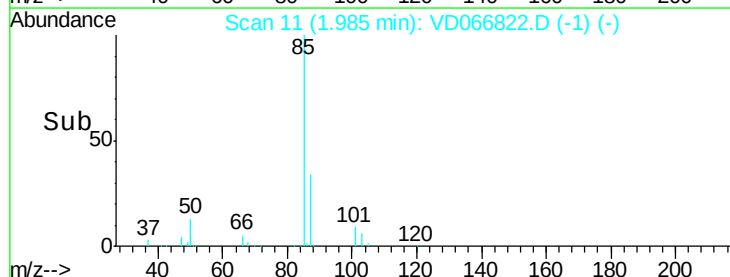
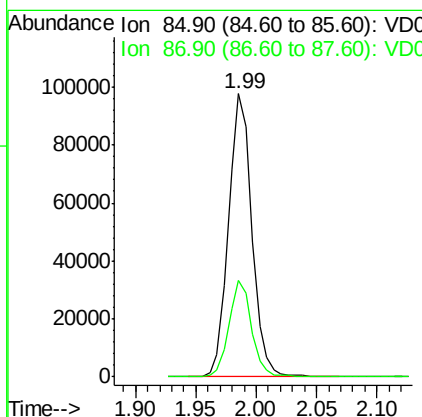
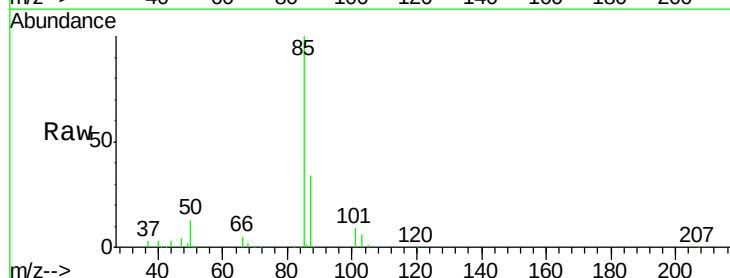
Manual Integrations
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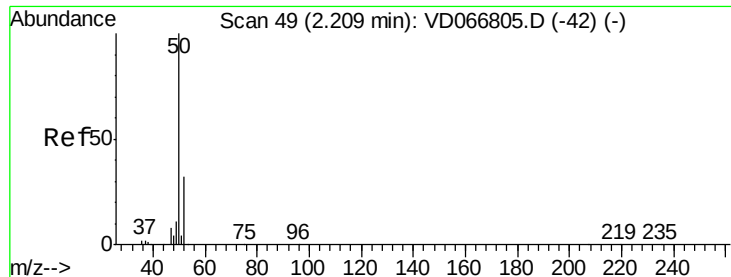
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#2
Dichlorodifluoromethane
Concen: 47.236 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 85 Resp: 131638
Ion Ratio Lower Upper
85 100
87 34.1 14.5 43.5





#3

Chloromethane

Concen: 47.145 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 171947

Ion Ratio Lower Upper

50 100

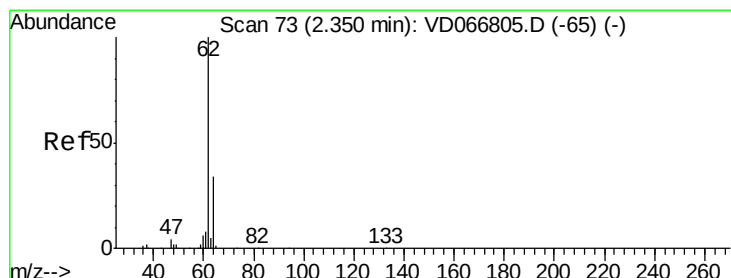
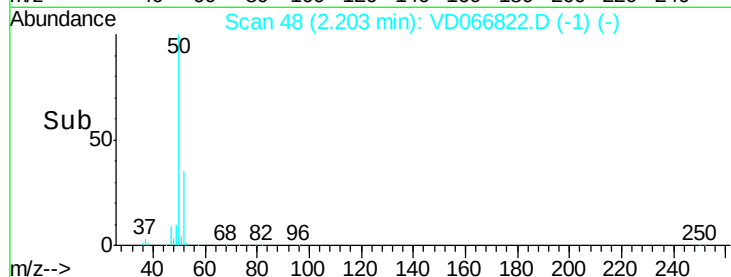
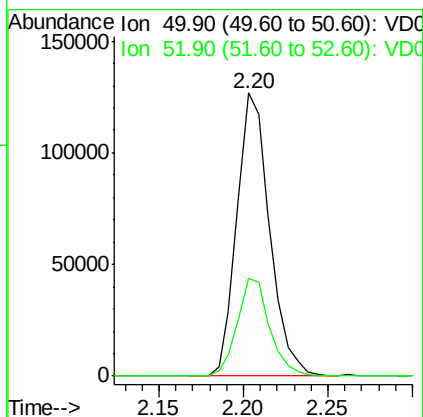
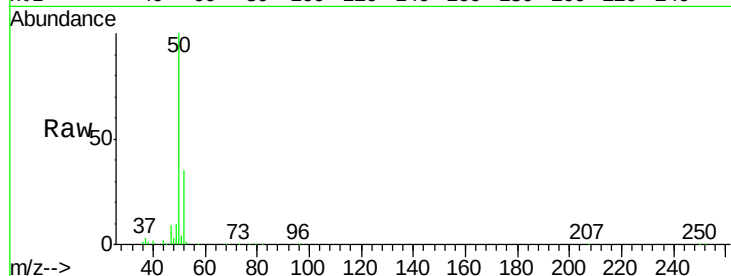
52 34.7 25.5 38.3

Manual Integrations

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9/23/2020 1:05:12 PM



#4

Vinyl Chloride

Concen: 48.406 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066822.D

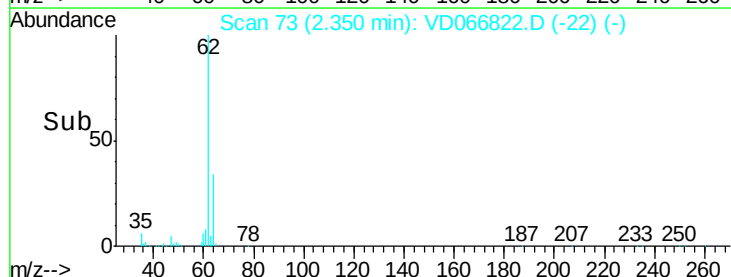
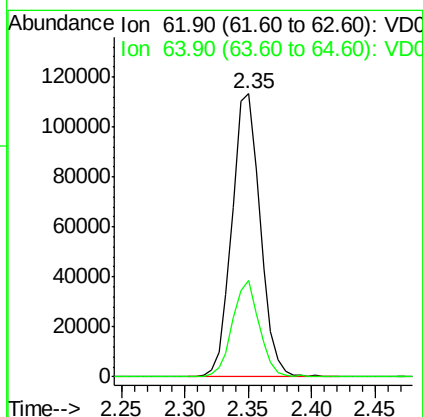
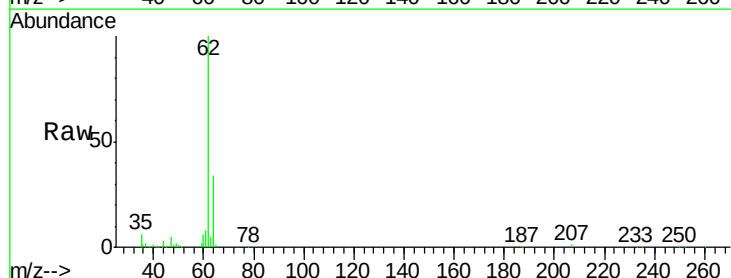
Acq: 22 Sep 2020 20:25

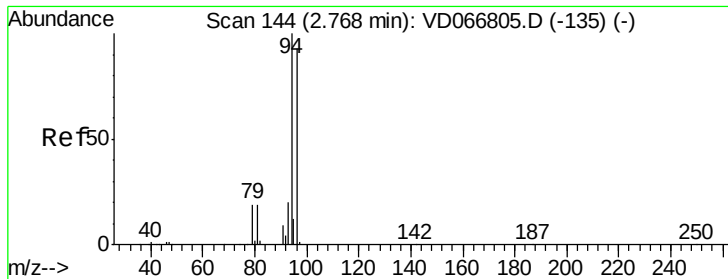
Tgt Ion: 62 Resp: 174418

Ion Ratio Lower Upper

62 100

64 34.3 27.0 40.4





#5

Bromomethane

Concen: 49.463 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 125270

Ion Ratio Lower Upper

94 100

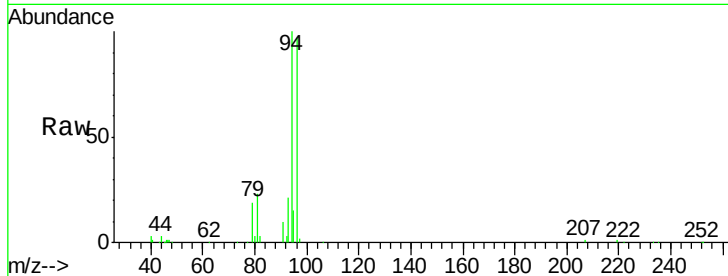
96 96.6 74.3 111.5

Manual Integrations

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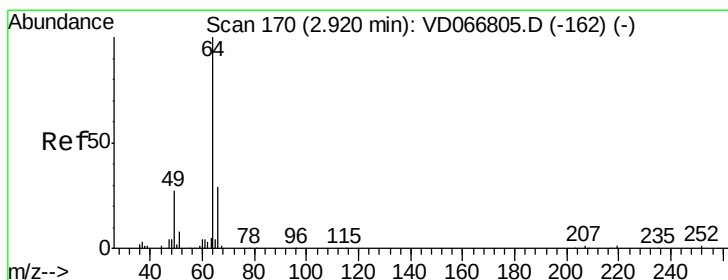
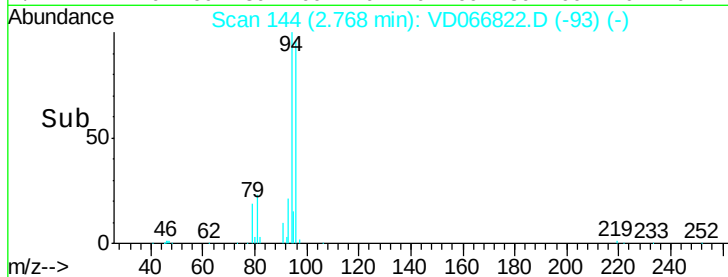
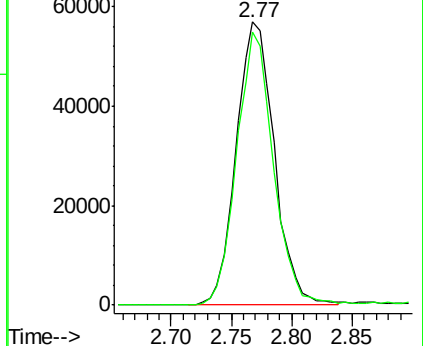
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.886 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066822.D

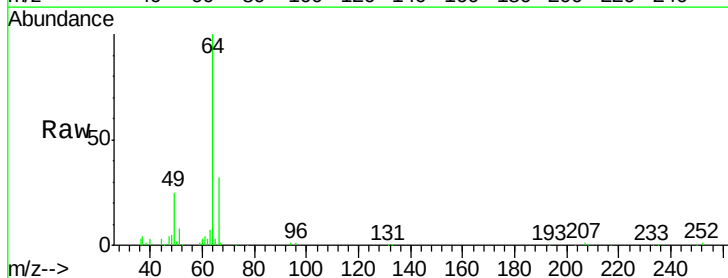
Acq: 22 Sep 2020 20:25

Tgt Ion: 64 Resp: 111624

Ion Ratio Lower Upper

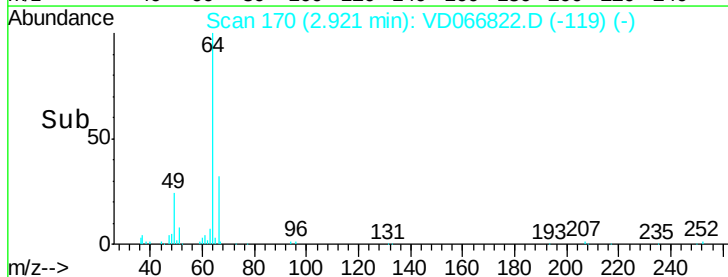
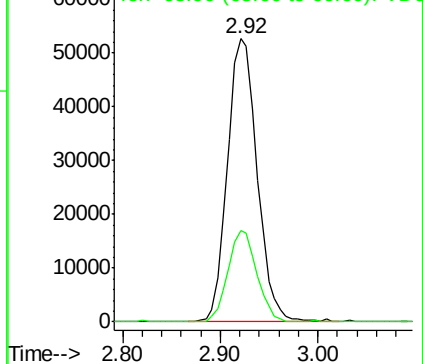
64 100

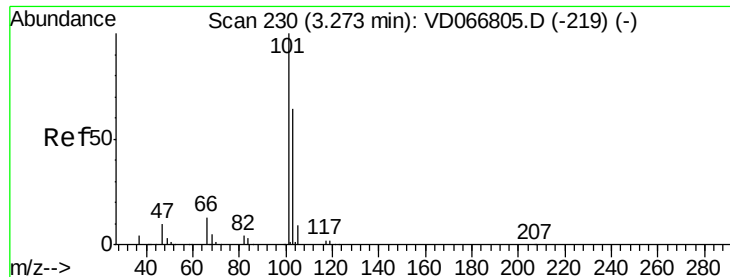
66 32.3 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

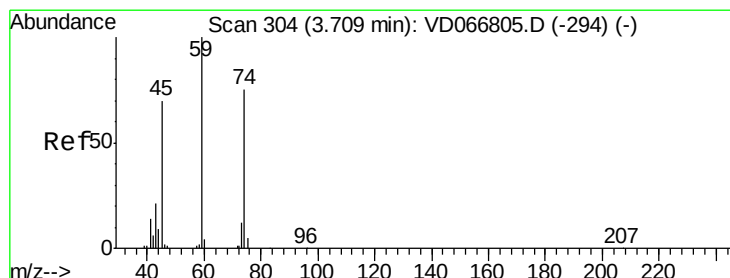
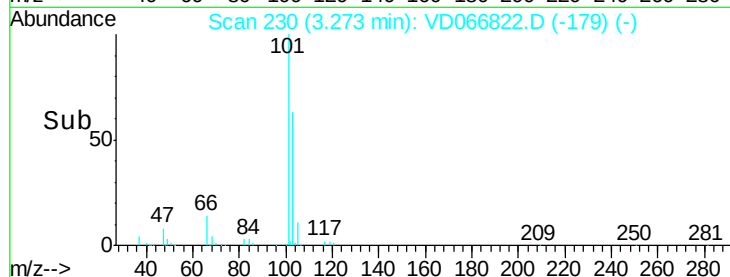
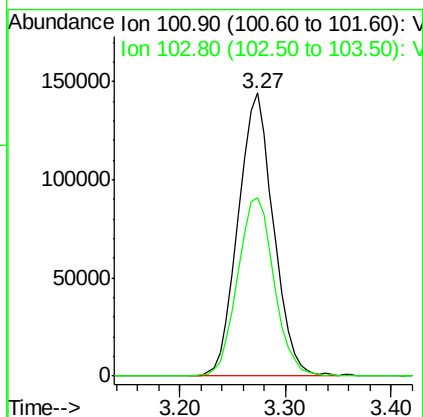
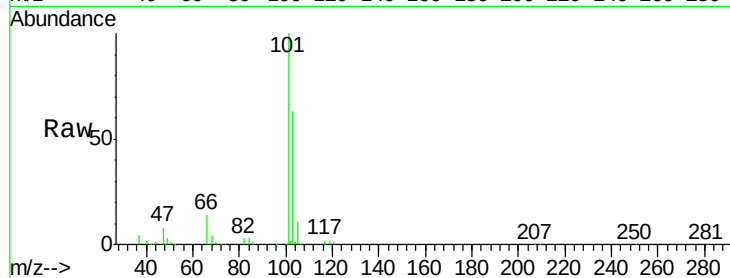
Trichlorofluoromethane
 Concen: 45.297 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.6

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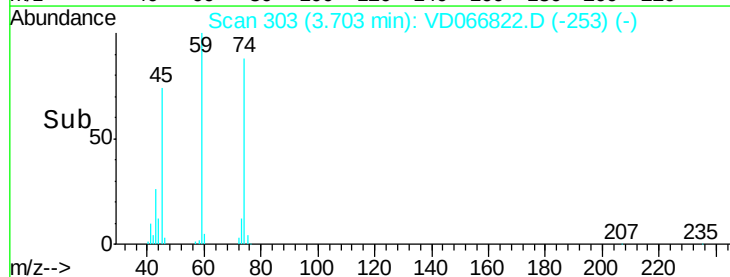
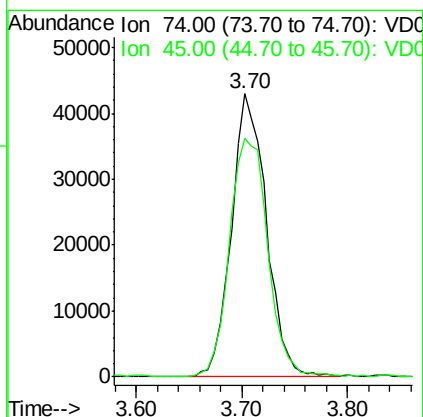
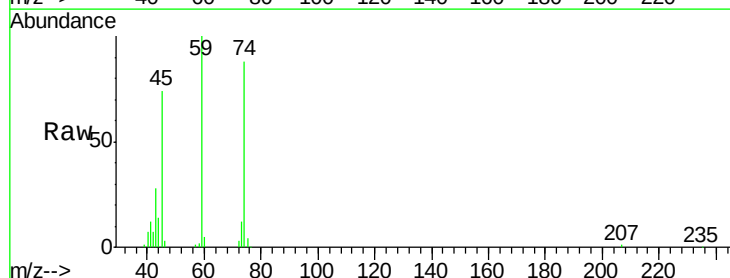
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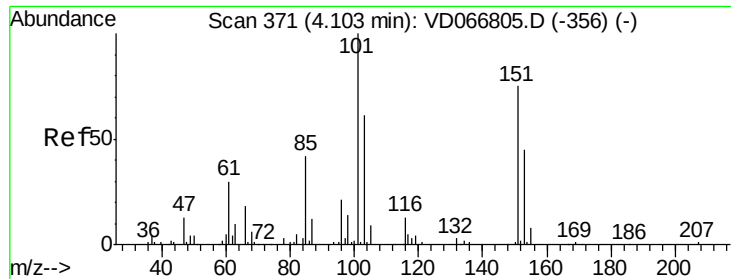


#8

Diethyl Ether
 Concen: 52.183 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.469 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

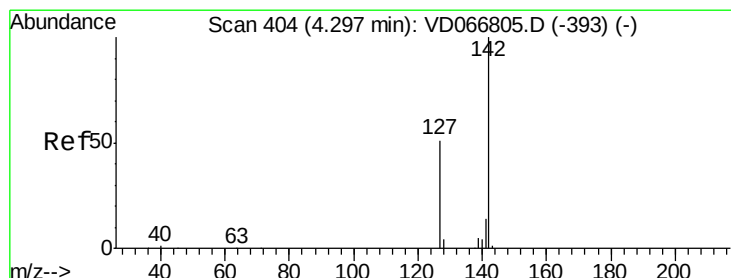
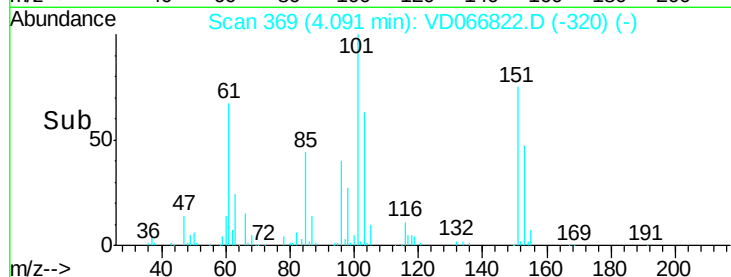
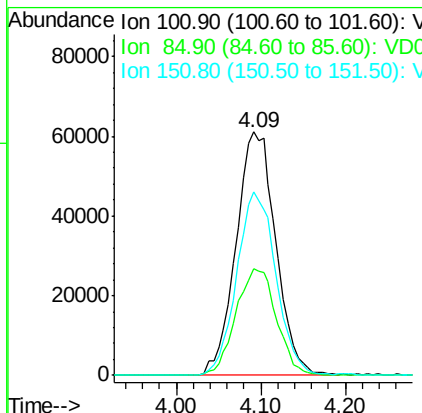
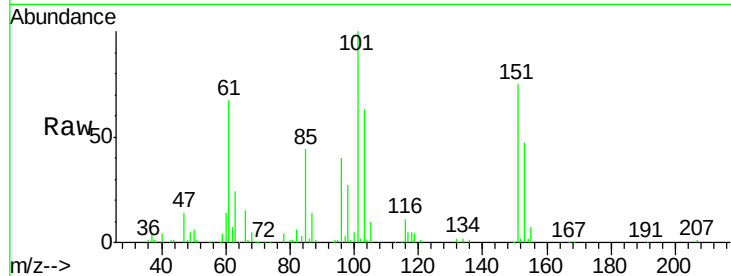
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	199399
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.4	53.2
151	74.4	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 55.059 ug/l

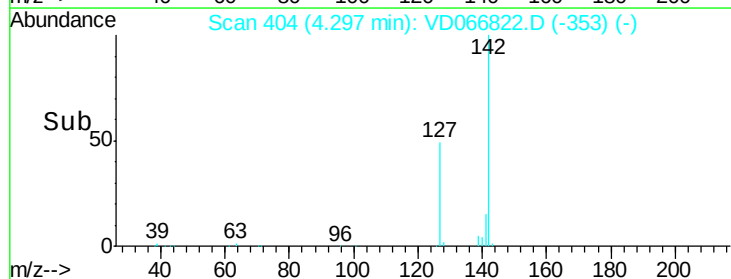
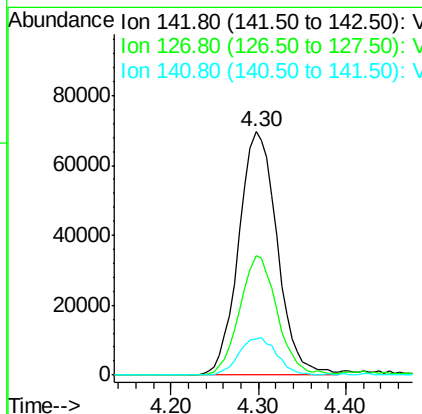
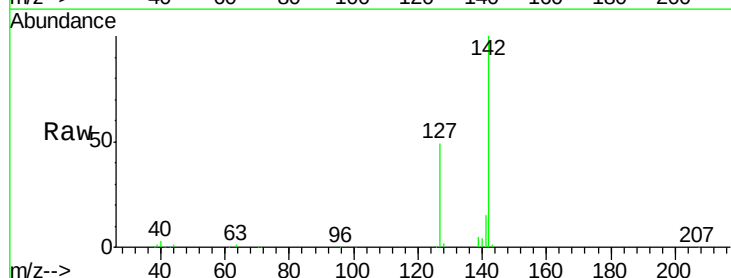
RT: 4.30 min Scan# 404

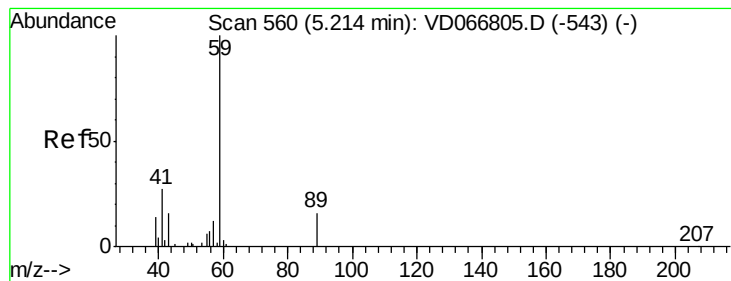
Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	142	Resp:	208484
Ion Ratio	Lower	Upper	
142	100		
127	47.9	39.4	59.0
141	15.1	12.1	18.1





#11

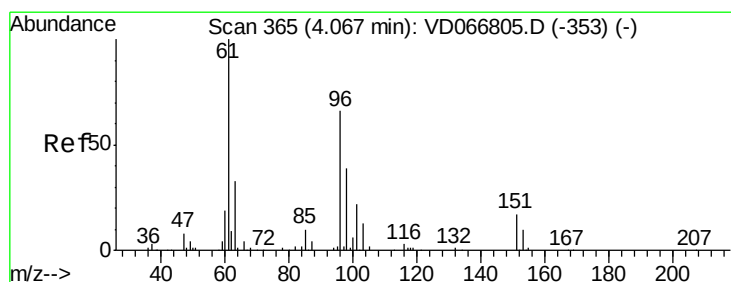
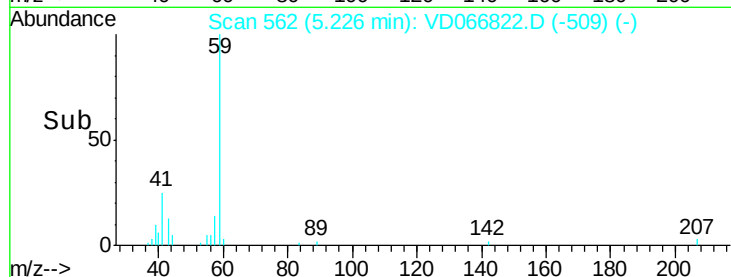
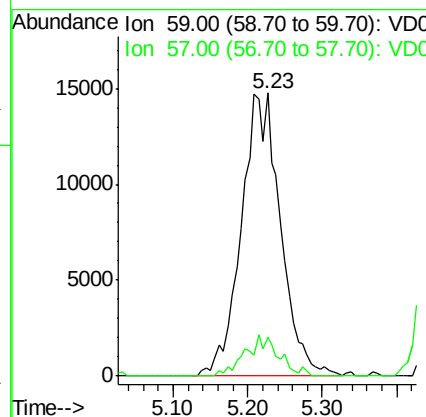
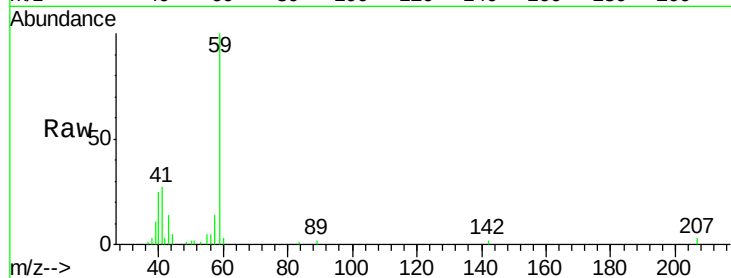
Tert butyl alcohol
Concen: 224.578 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.3	12.5

Manual Integrations
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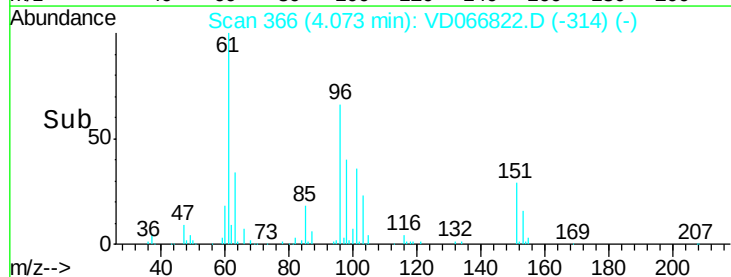
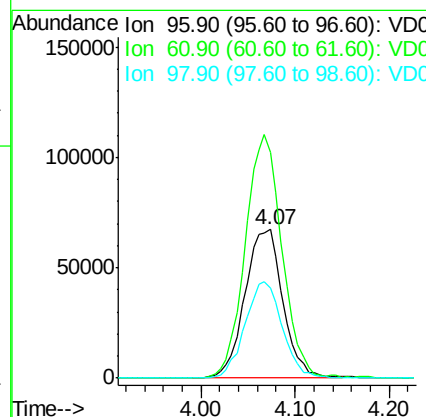
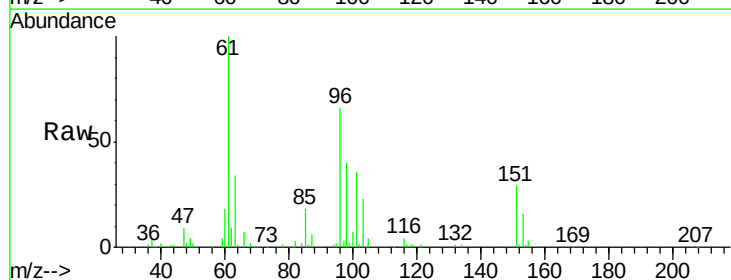
MMDadoda
9/23/2020 1:05:12 PM

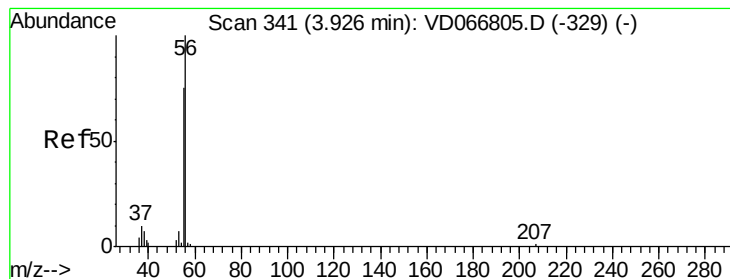


#12

1,1-Dichloroethene
Concen: 48.469 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	120.8	181.2
98	60.4	47.7	71.5





#13

Acrolein

Concen: 223.644 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 64100

Ion Ratio Lower Upper

56 100

55 75.5

60.3

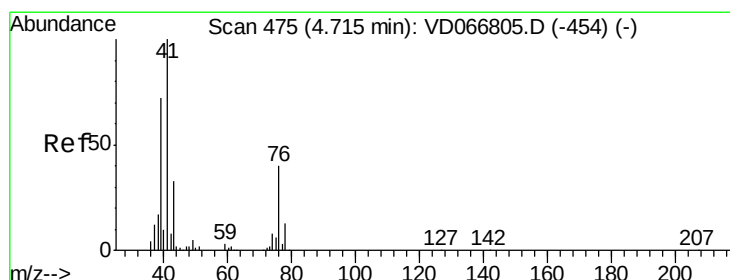
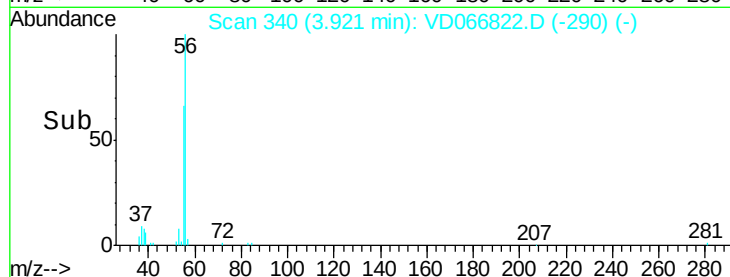
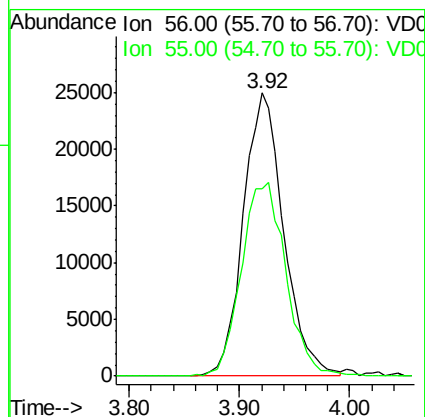
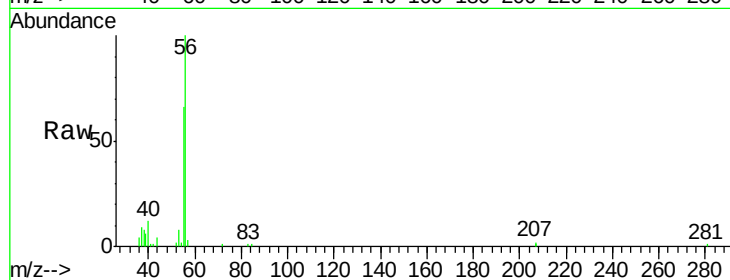
90.5

Manual Integrations

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#14

Allyl chloride

Concen: 51.494 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion: 41 Resp: 293922

Ion Ratio Lower Upper

41 100

39 73.5

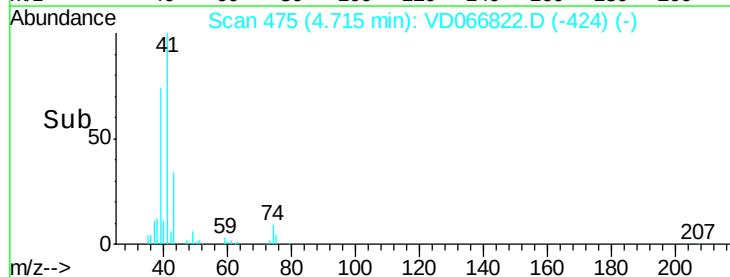
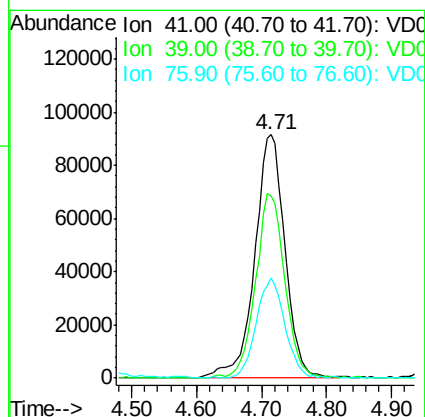
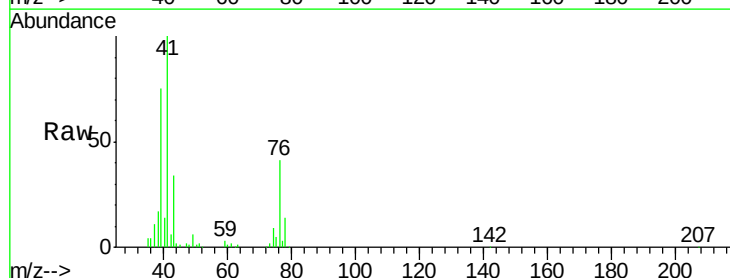
57.8

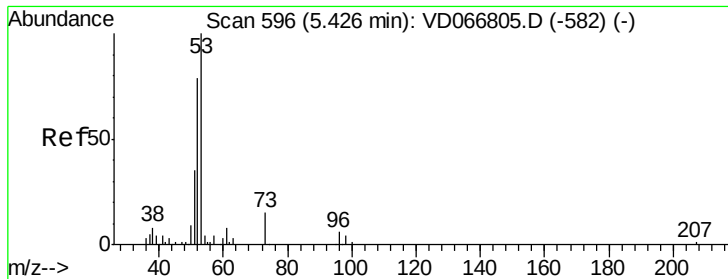
86.8

76 38.3

30.9

46.3





#15

Acrylonitrile

Concen: 259.716 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

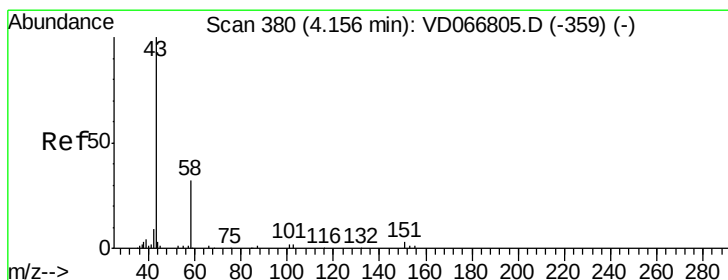
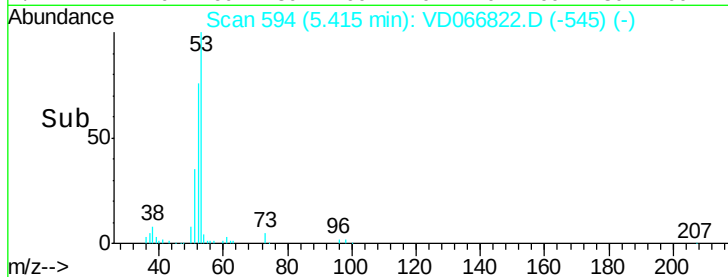
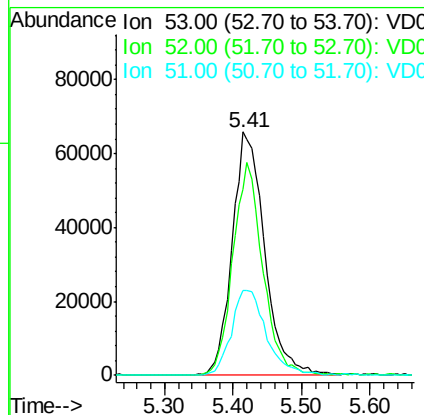
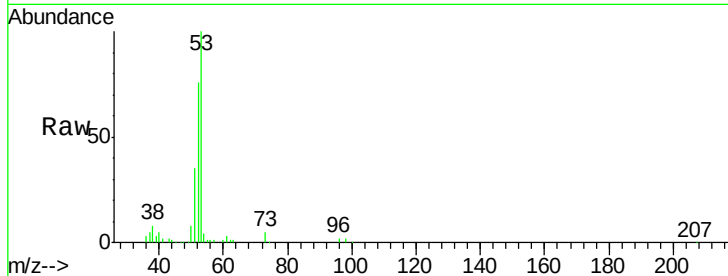
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	216227
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.2	97.8
51	37.5	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 208.664 ug/l

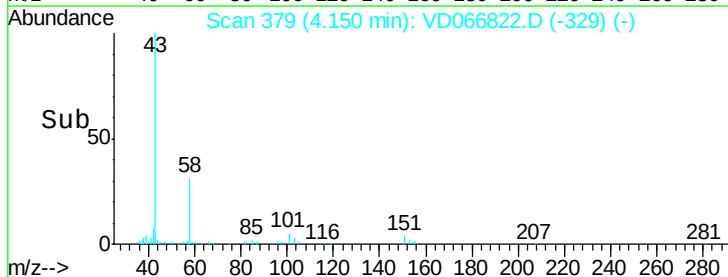
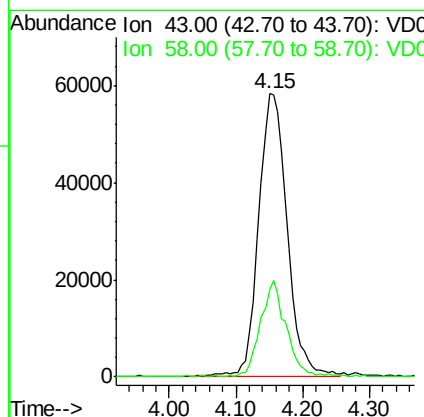
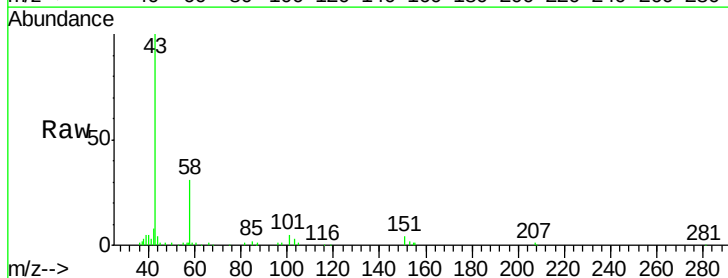
RT: 4.15 min Scan# 379

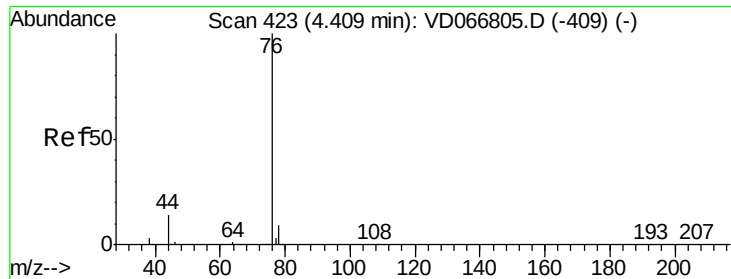
Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	43	Resp:	171981
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.6	38.4





#17

Carbon Disulfide

Concen: 48.766 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 579531

Ion Ratio Lower Upper

76 100

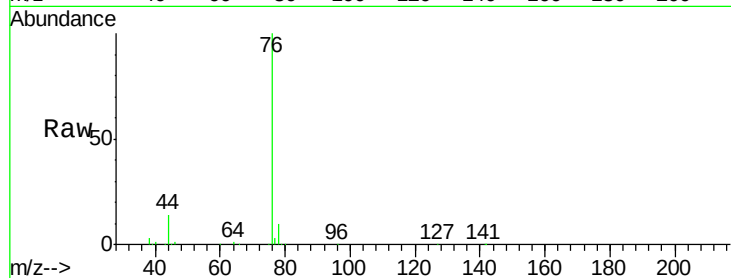
78 9.6 7.6 11.4

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

4.41

200000

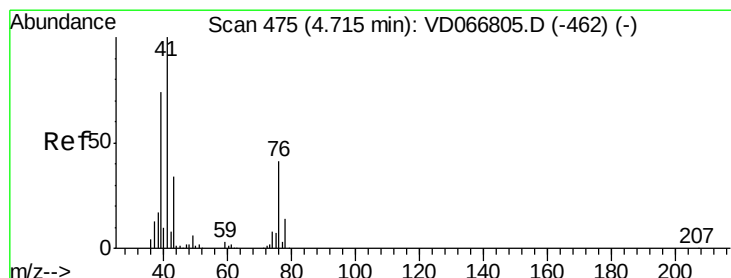
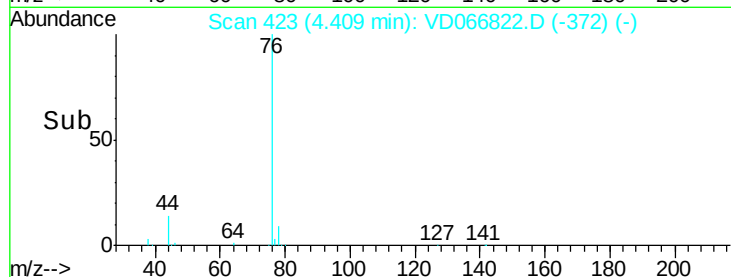
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.438 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066822.D

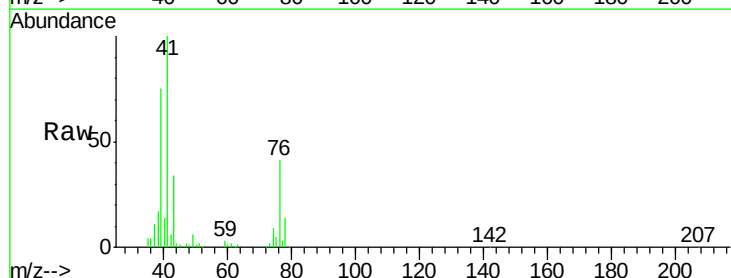
Acq: 22 Sep 2020 20:25

Tgt Ion: 43 Resp: 99519

Ion Ratio Lower Upper

43 100

74 24.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

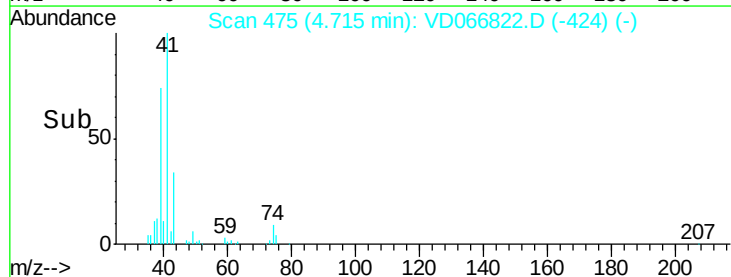
30000

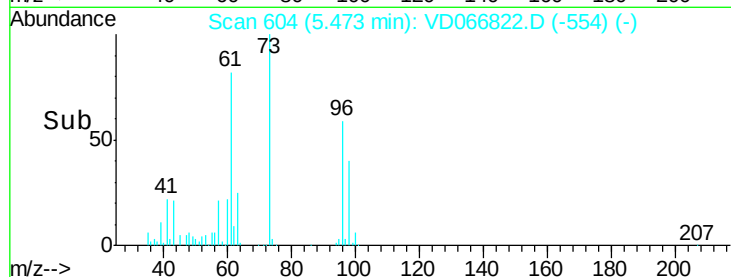
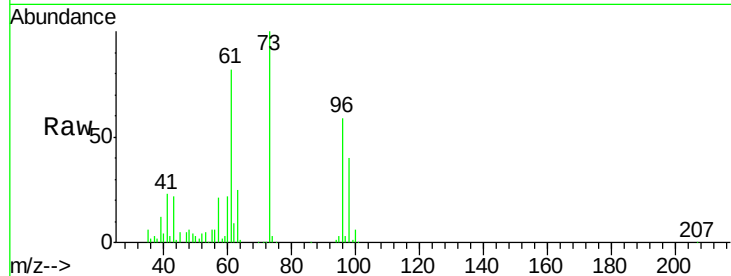
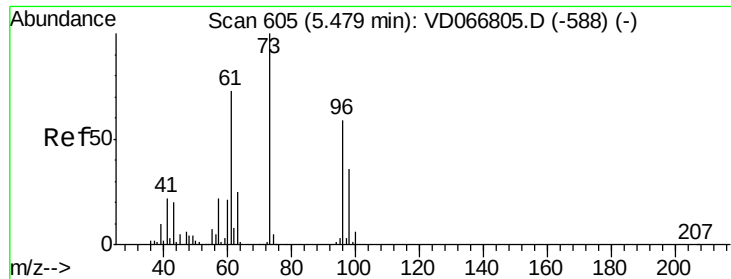
20000

10000

0

Time-->





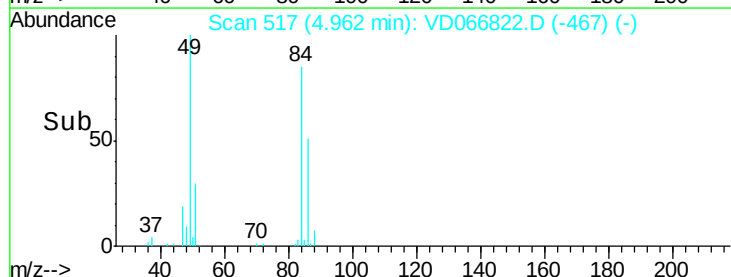
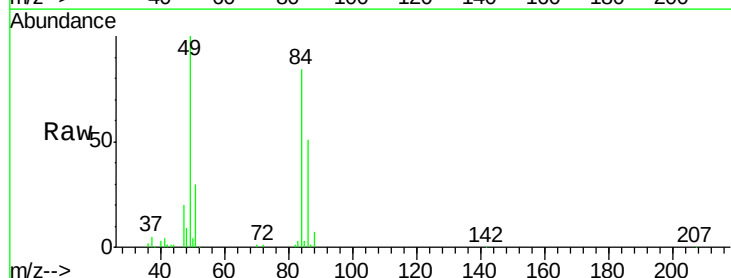
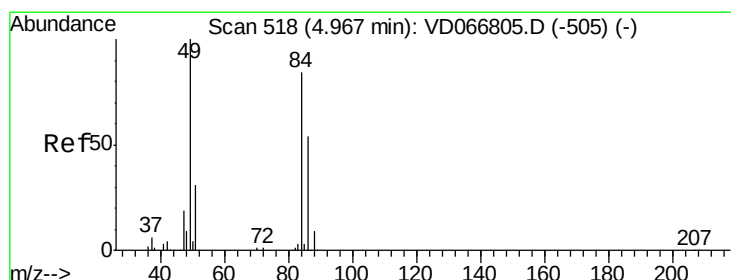
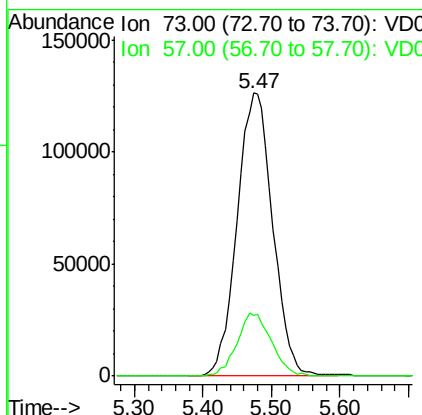
#19
Methyl tert-butyl Ether
Concen: 53.941 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

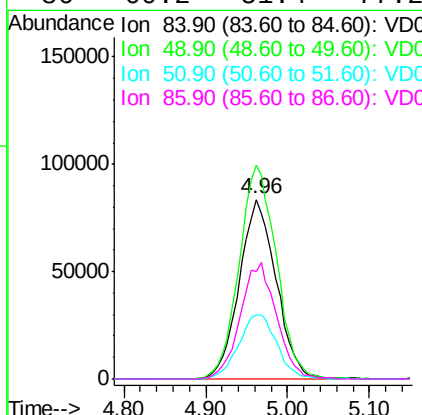
Manual Integrations
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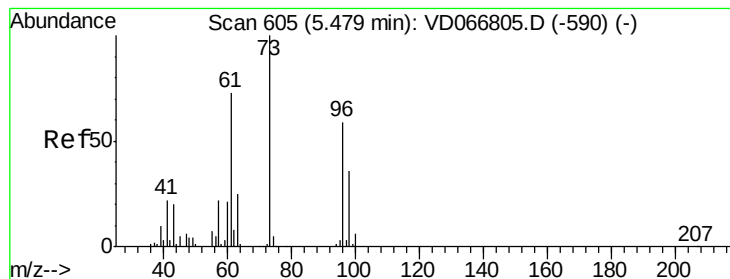
MMDadoda
9/23/2020 1:05:12 PM



#20
Methylene Chloride
Concen: 60.108 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.4	143.2
51	35.4	29.7	44.5
86	60.2	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 50.979 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

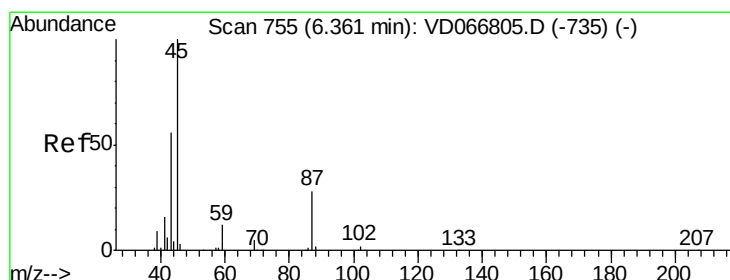
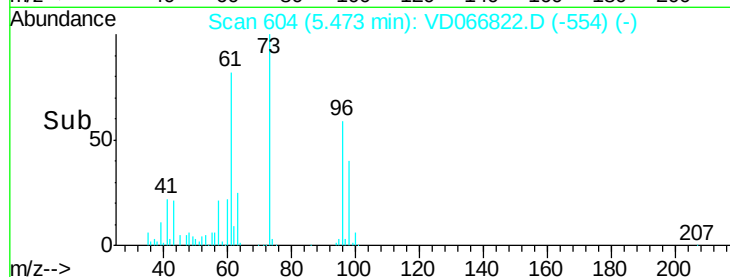
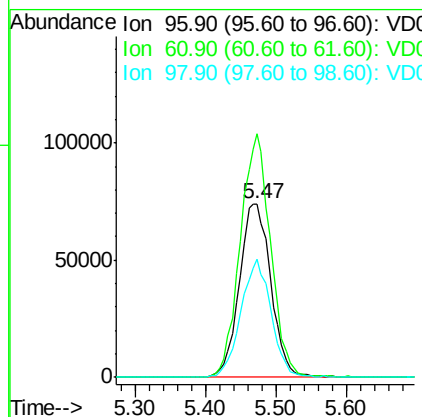
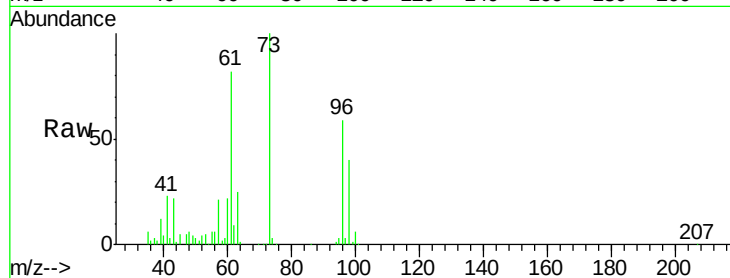
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	229449
Ion	Ratio	Lower	Upper
96	100		
61	140.2	98.9	148.3
98	68.0	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.214 ug/l

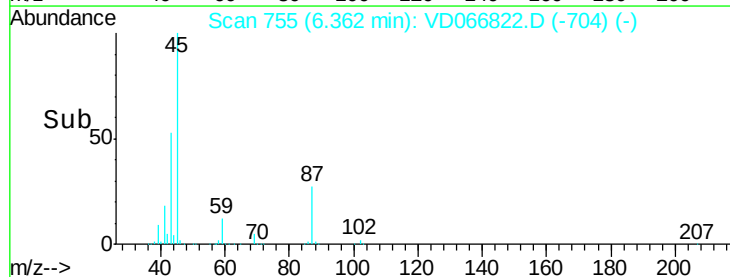
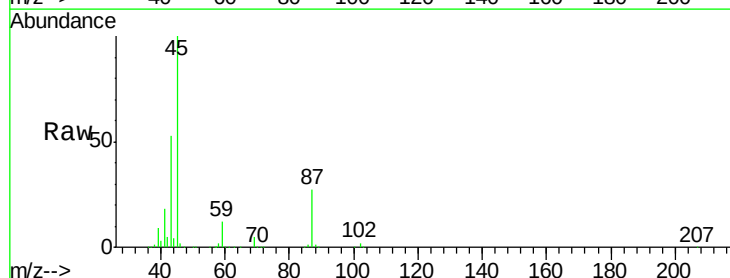
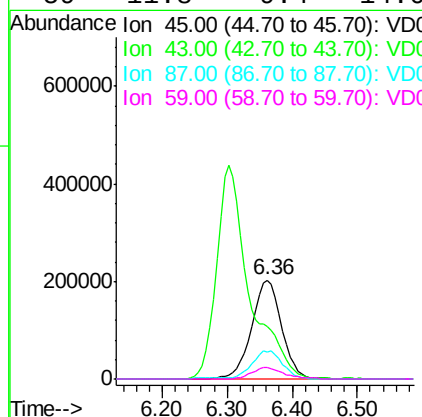
RT: 6.36 min Scan# 755

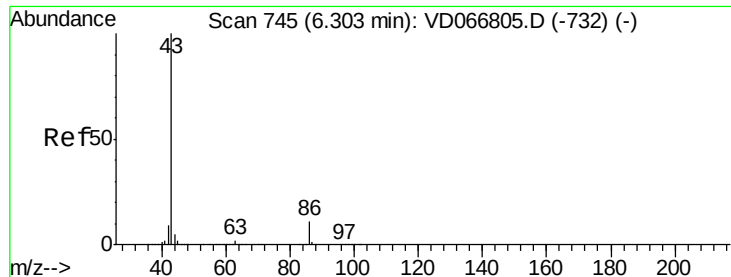
Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	45	Resp:	647994
Ion	Ratio	Lower	Upper
45	100		
43	52.4	44.5	66.7
87	26.5	22.9	34.3
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 239.690 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1526549

Ion Ratio Lower Upper

43 100

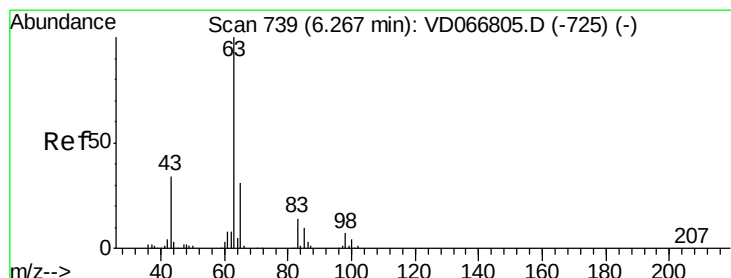
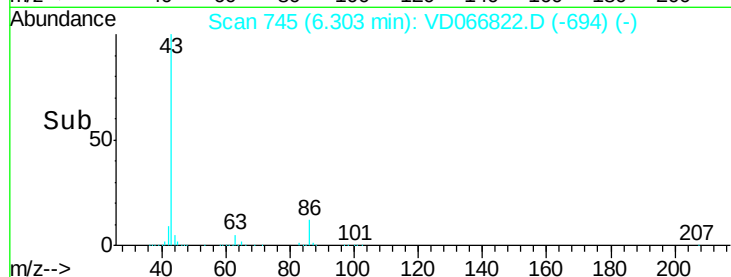
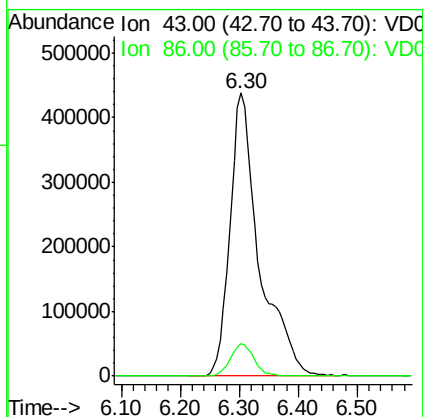
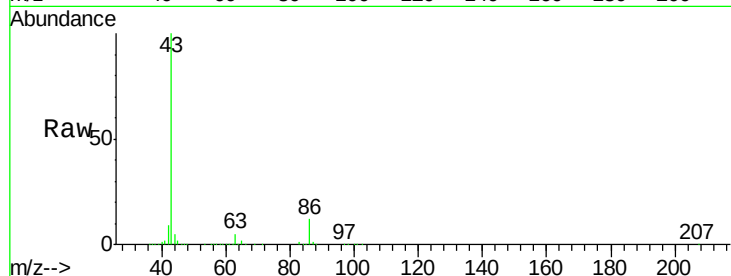
86 11.6 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.725 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

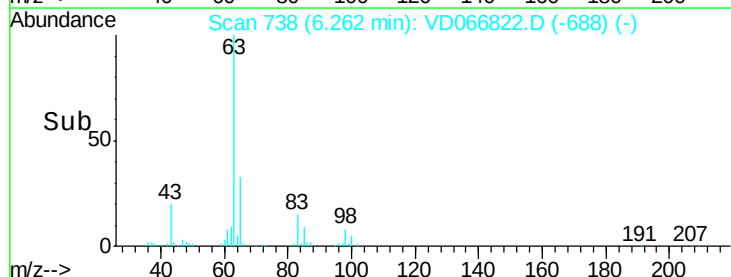
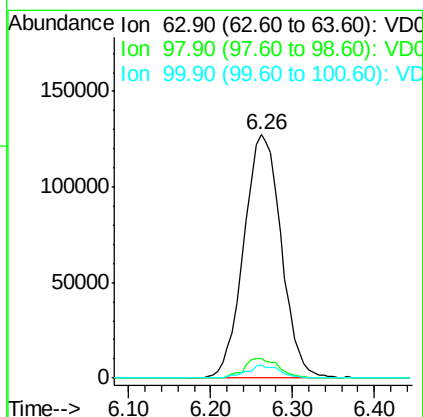
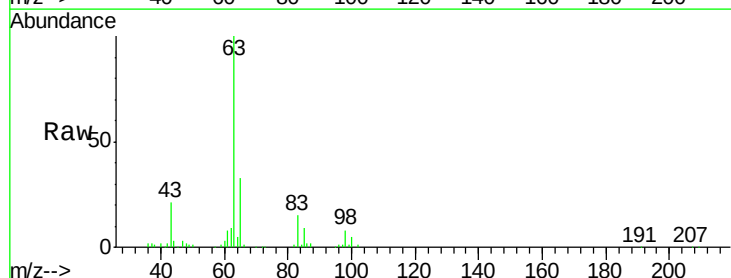
Tgt Ion: 63 Resp: 406106

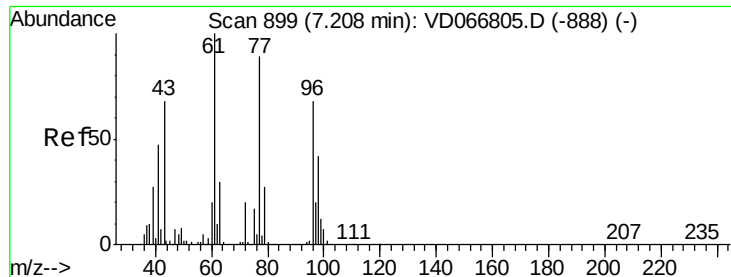
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 249.671 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 247291

Ion Ratio Lower Upper

43 100

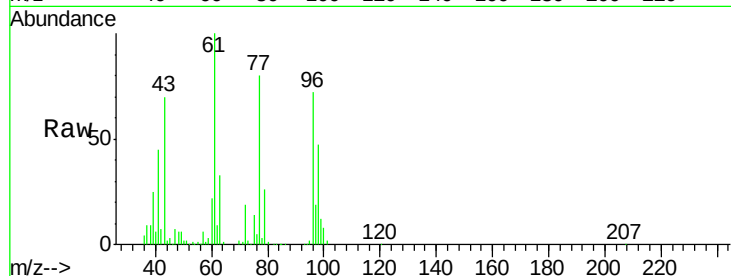
72 27.8 22.9 34.3

Manual Integrations

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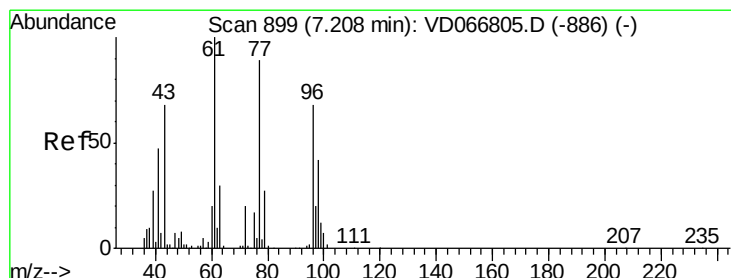
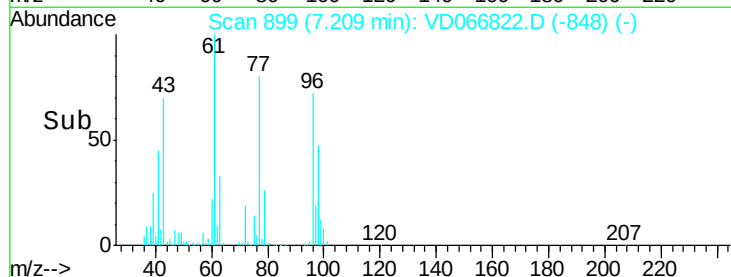
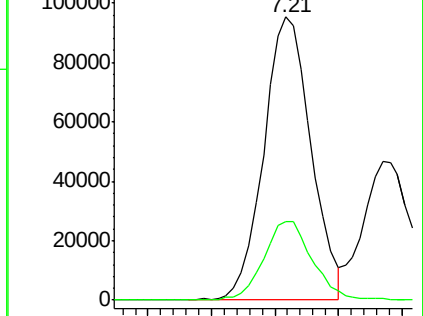
MMDadoda

9/23/2020 1:05:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.931 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066822.D

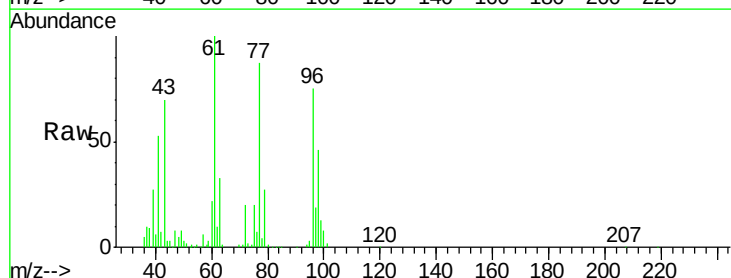
Acq: 22 Sep 2020 20:25

Tgt Ion: 77 Resp: 323325

Ion Ratio Lower Upper

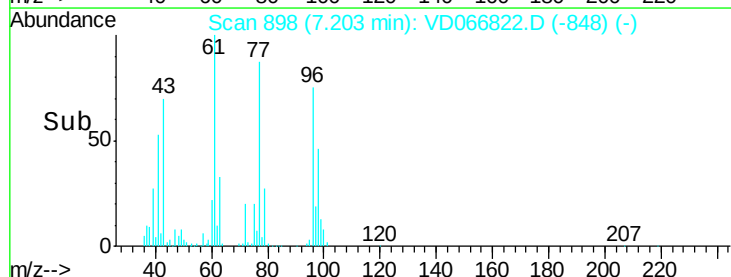
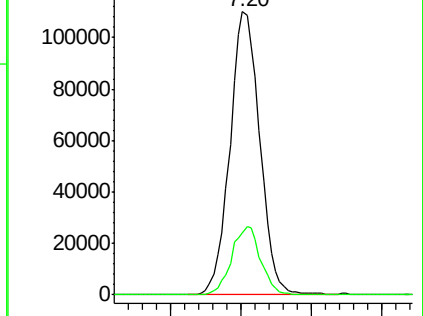
77 100

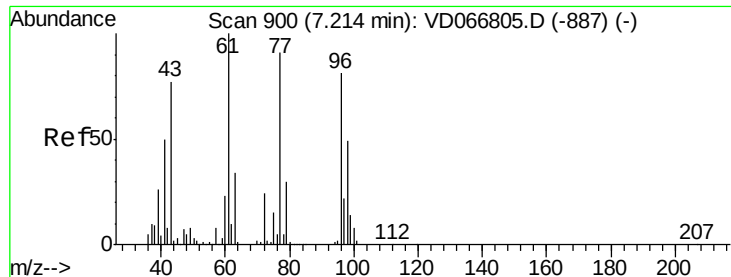
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

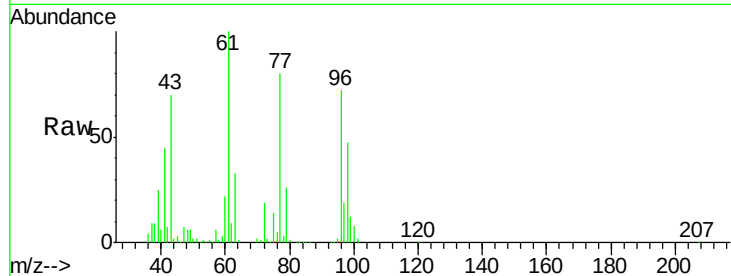
cis-1,2-Dichloroethene
 Concen: 53.109 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

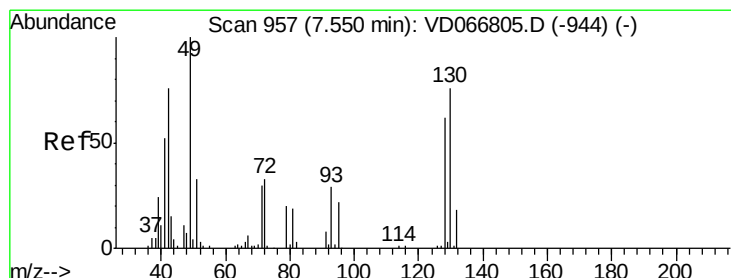
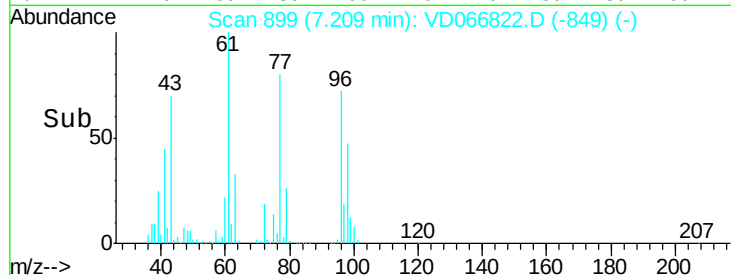
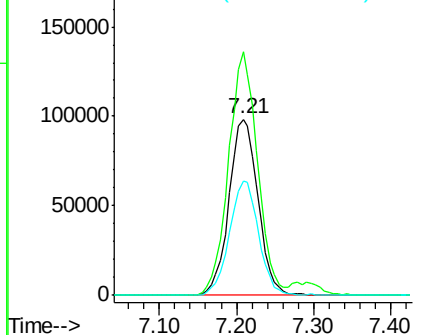
Tot Ion	Ratio	Resp	Lower	Upper
96	100	259720		
61	137.3		0.0	283.8
98	64.9		0.0	128.4

Manual Integrations
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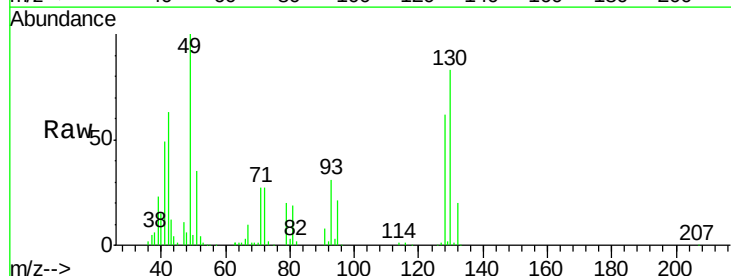
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



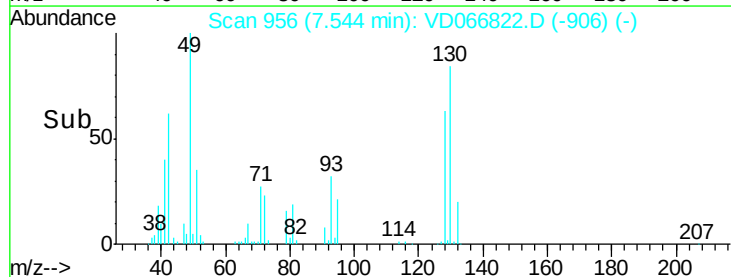
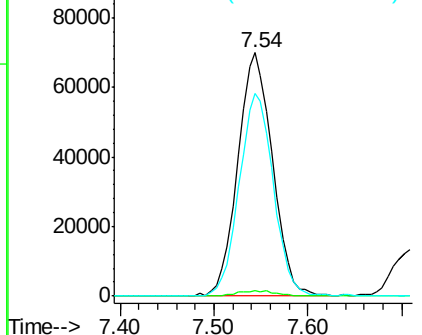
#28

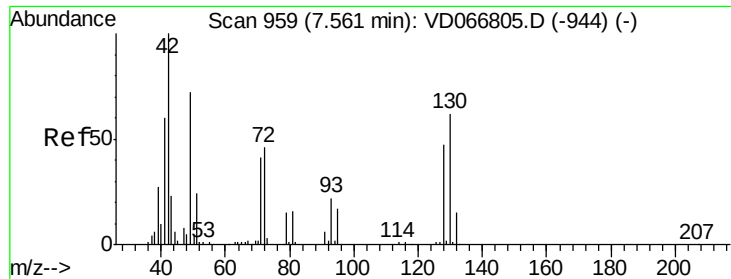
Bromochloromethane
 Concen: 55.174 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	178957		
129	2.3		0.0	2.0#
130	81.9		65.9	98.9



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





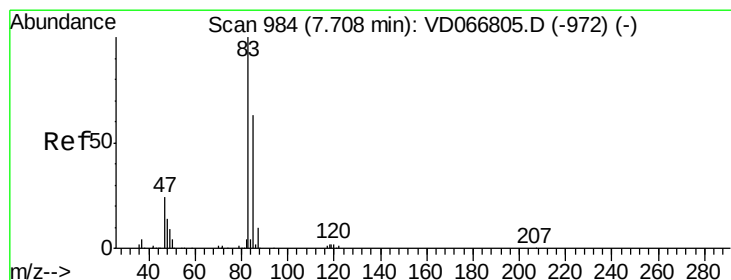
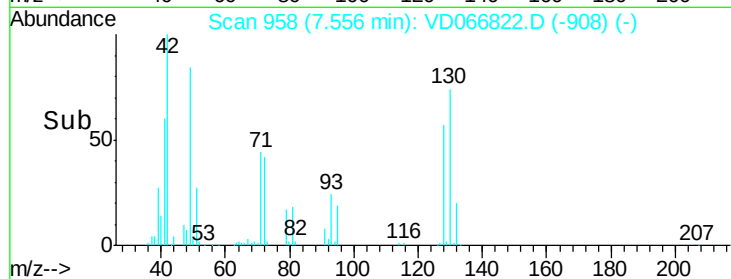
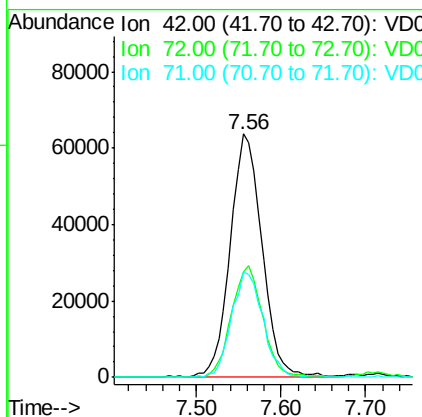
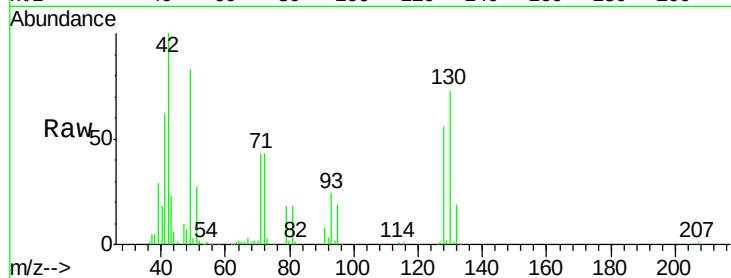
#29
Tetrahydrofuran
Concen: 258.854 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	43.0	32.4	48.6

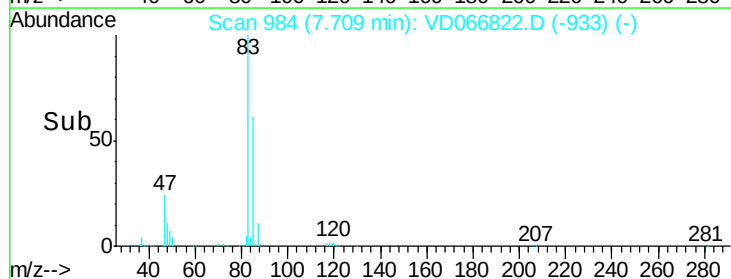
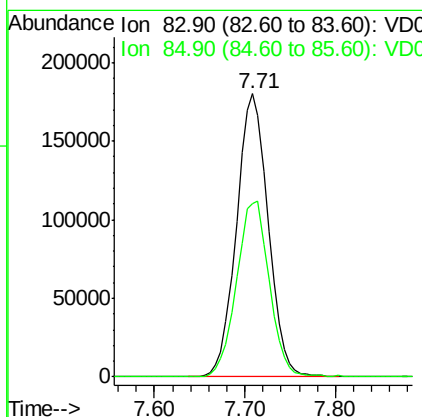
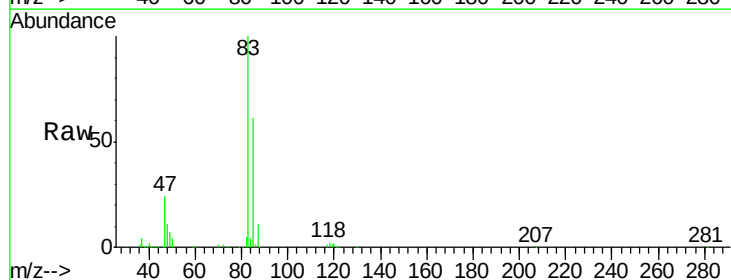
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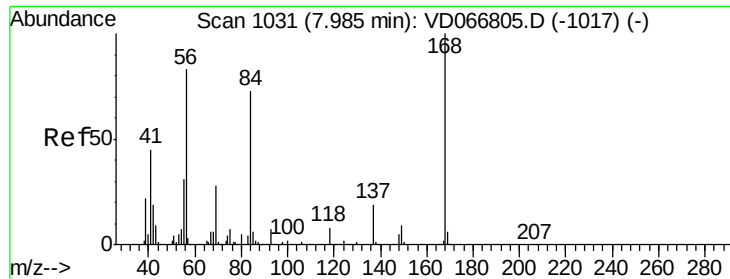
MMDadoda
9/23/2020 1:05:12 PM



#30
Chloroform
Concen: 51.692 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.6	75.8





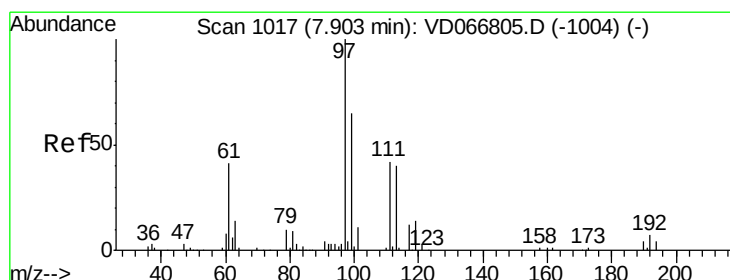
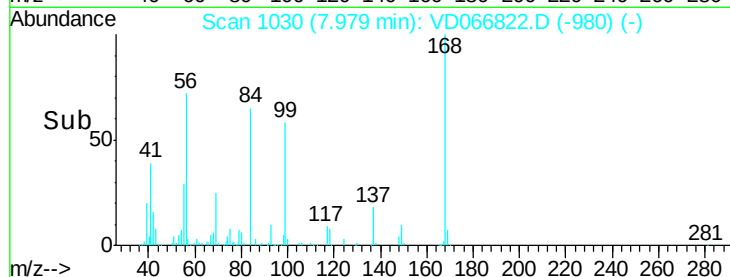
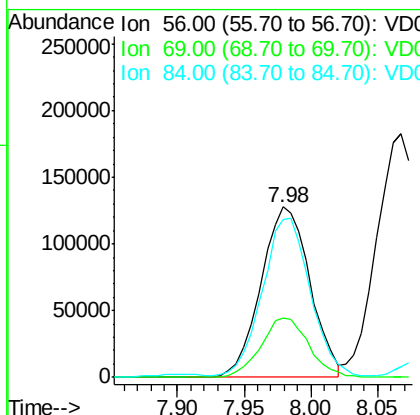
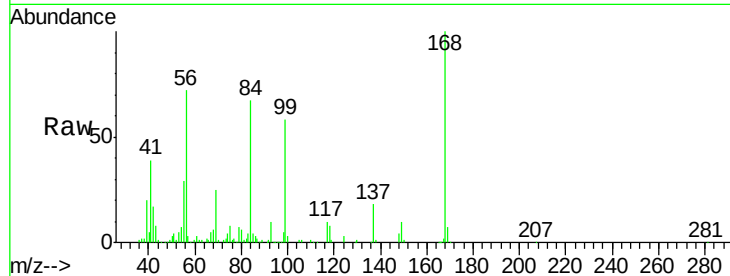
#31
Cyclohexane
Concen: 45.965 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	27.0	40.4
84	90.8	70.2	105.4

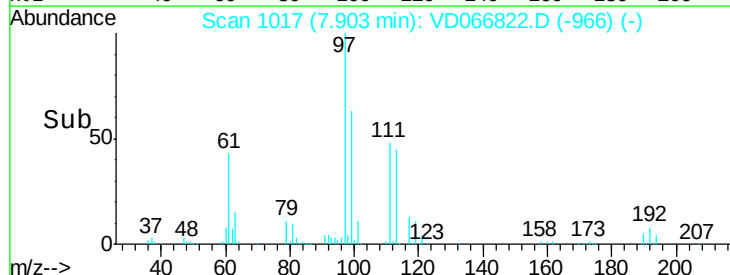
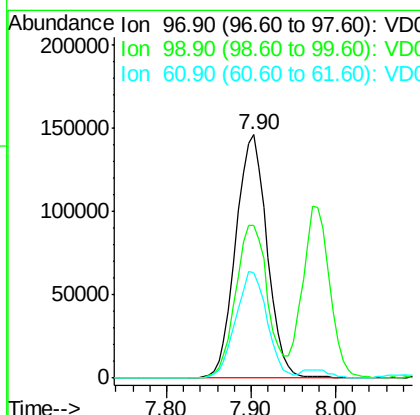
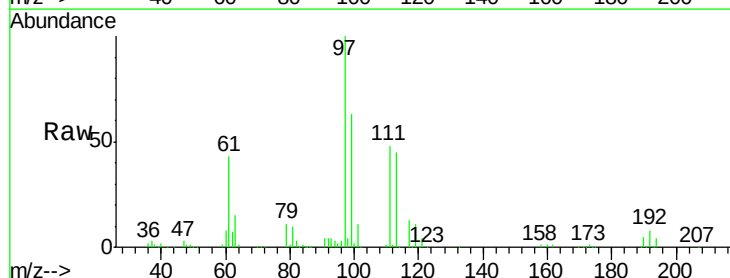
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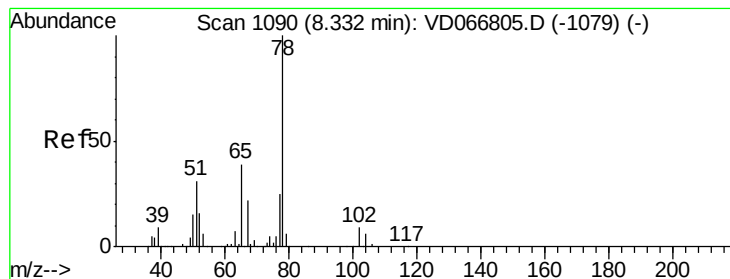
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.103 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	43.8	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 51.364 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 199565

Ion Ratio Lower Upper

65 100

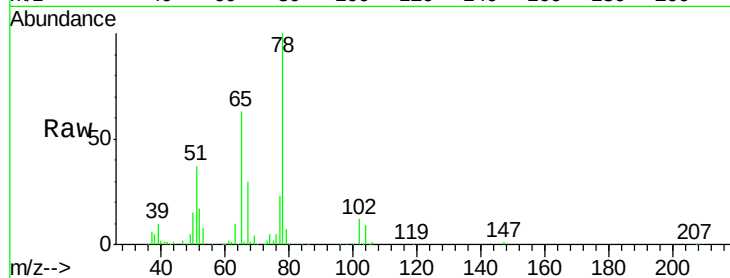
67 50.6 0.0 107.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

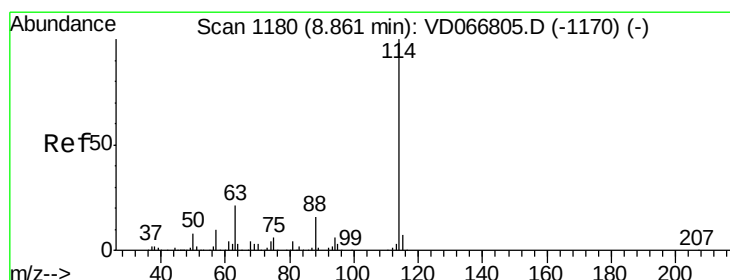
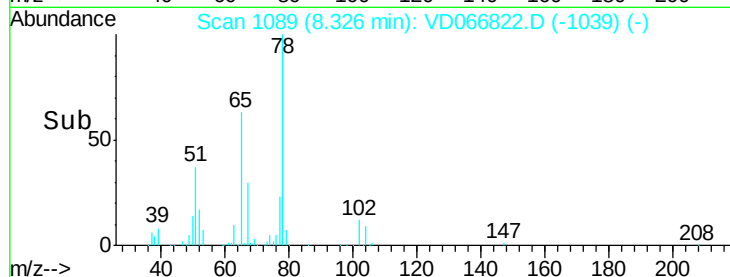
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

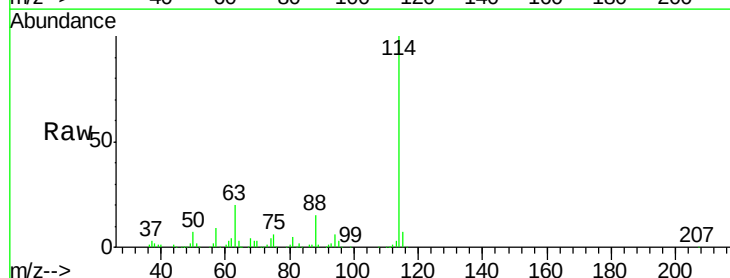
Tgt Ion: 114 Resp: 643729

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

400000

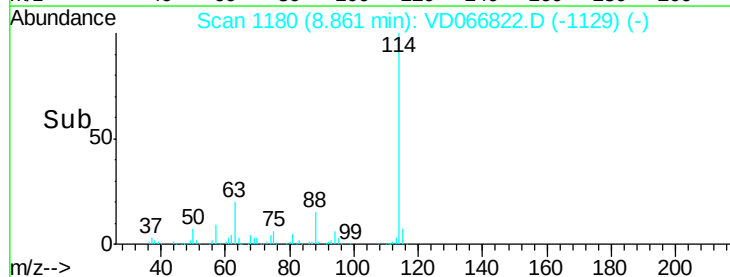
300000

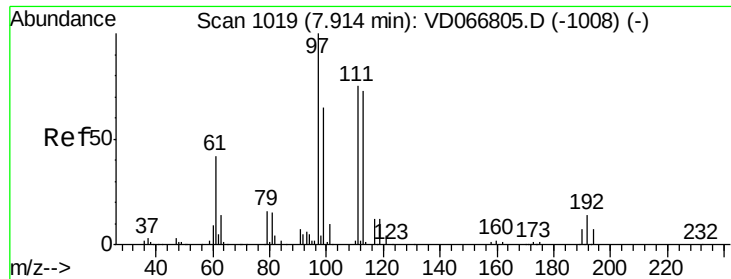
200000

100000

0

Time-->





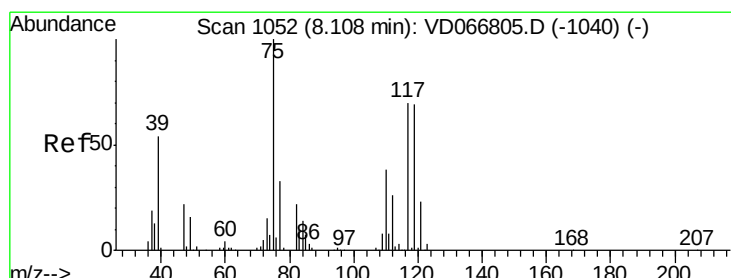
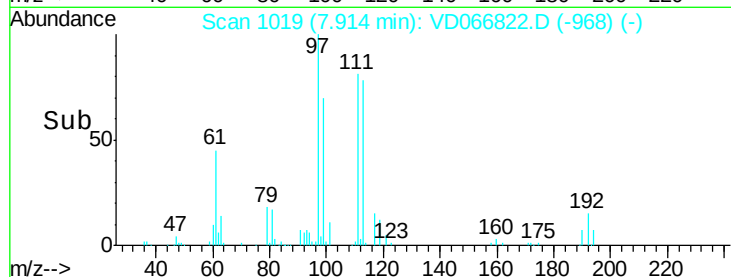
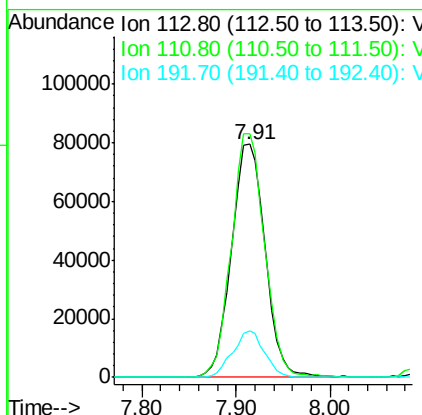
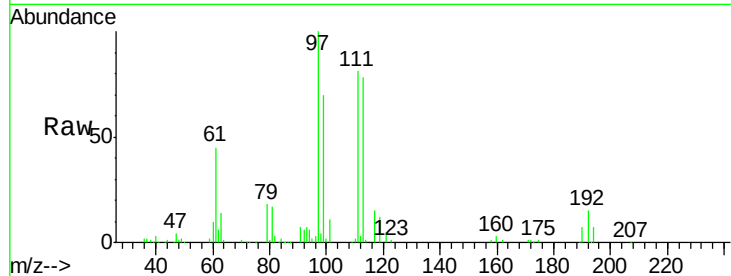
#35
 Dibromofluoromethane
 Concen: 48.188 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	197351		
111	103.7	81.8	122.8	
192	18.9	14.4	21.6	

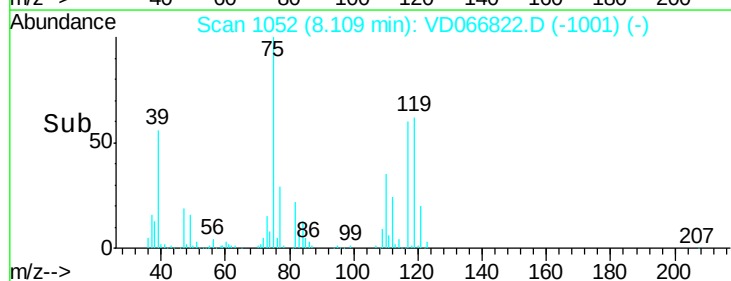
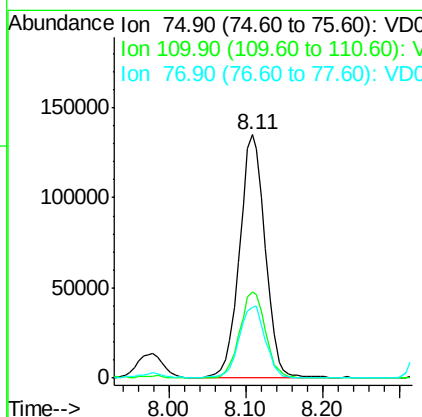
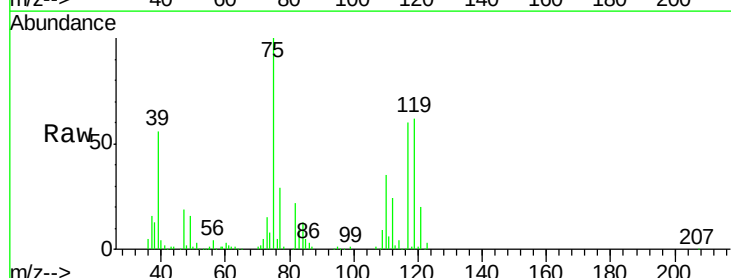
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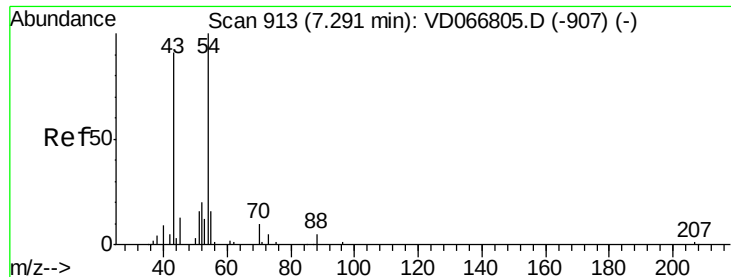
MMDadoda
 9/23/2020 1:05:12 PM



#36
 1,1-Dichloropropene
 Concen: 49.490 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	316057		
110	35.6	17.9	53.8	
77	30.3	25.0	37.6	





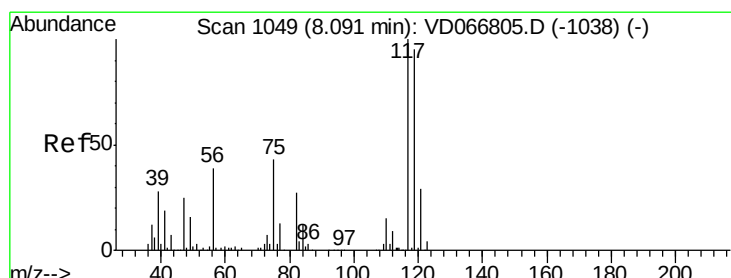
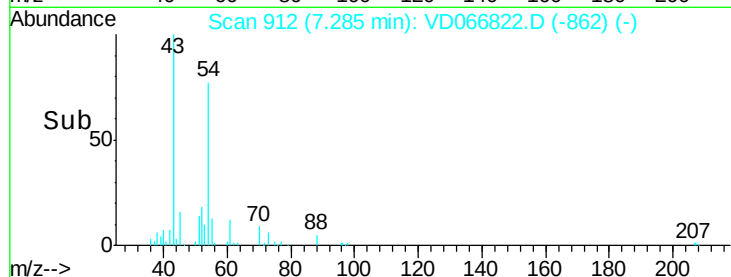
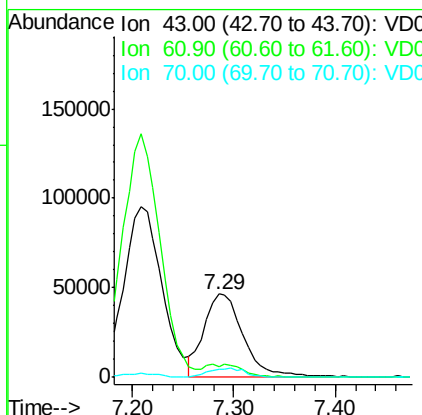
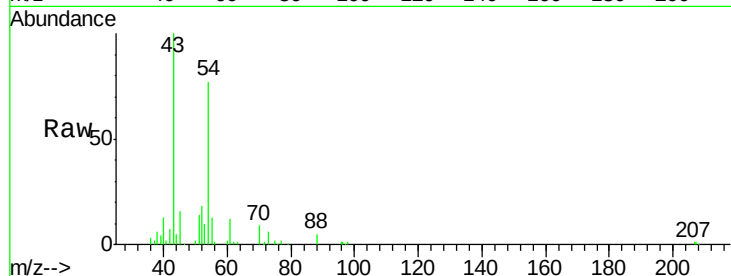
#37
Ethyl Acetate
Concen: 53.368 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	10.9	8.5	12.7

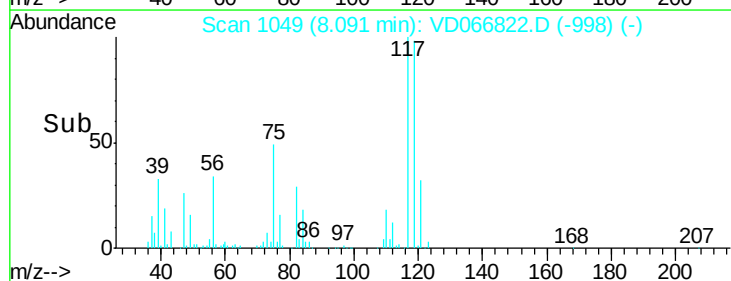
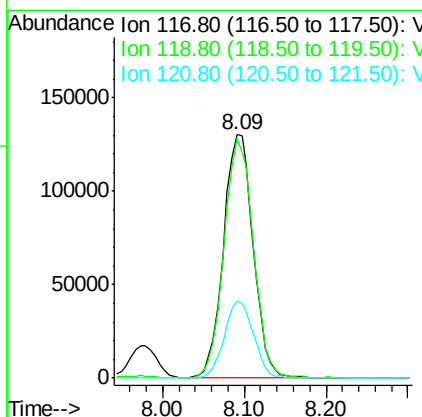
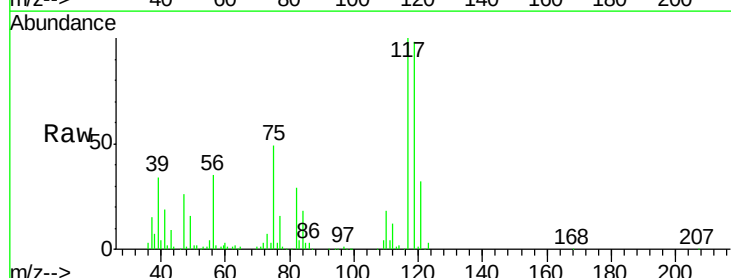
Manual Integrations
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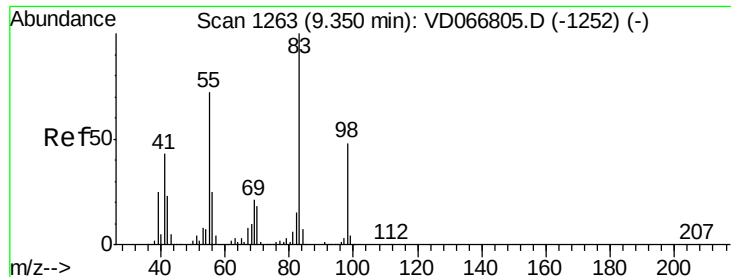
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#38
Carbon Tetrachloride
Concen: 47.131 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
121	32.0	23.4	35.0





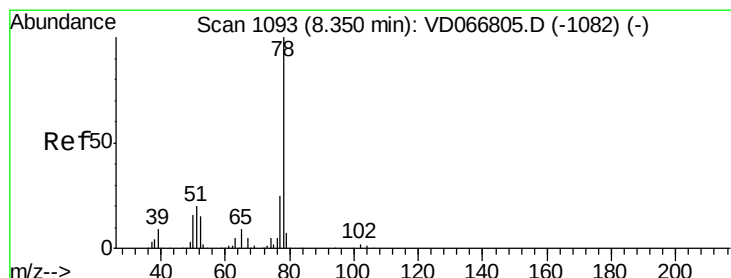
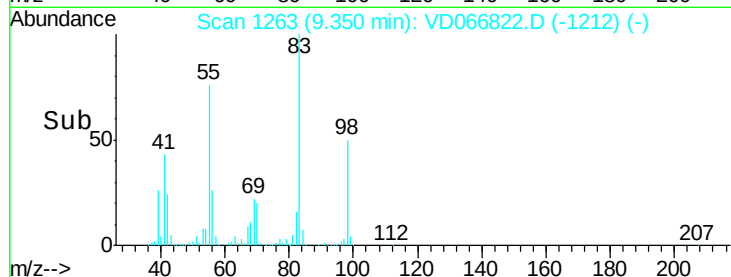
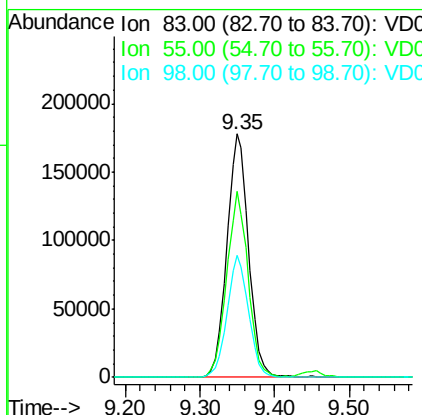
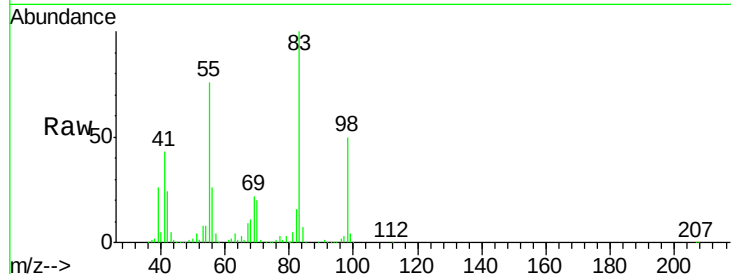
#39
Methylvlcyclohexane
Concen: 49.214 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	57.7	86.5
98	50.0	38.4	57.6

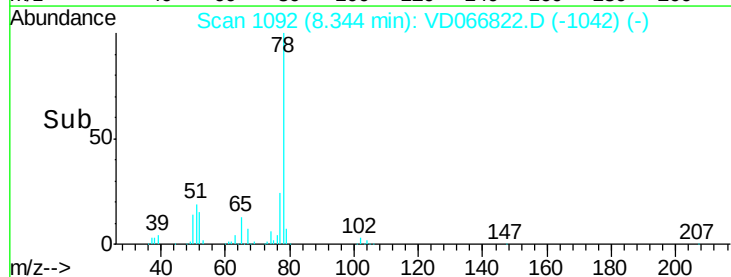
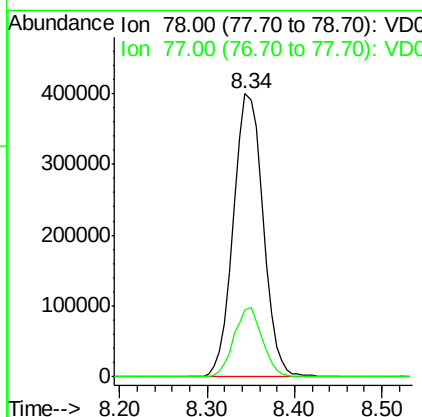
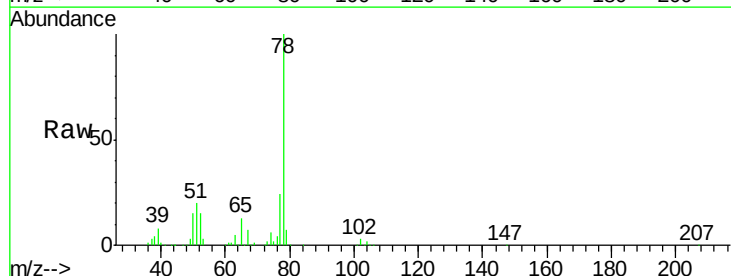
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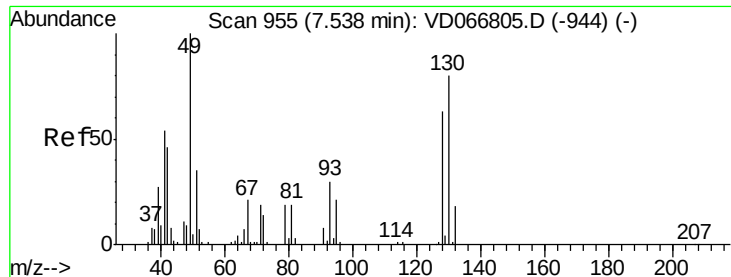
MMDadoda
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#40
Benzene
Concen: 51.682 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.9	29.9





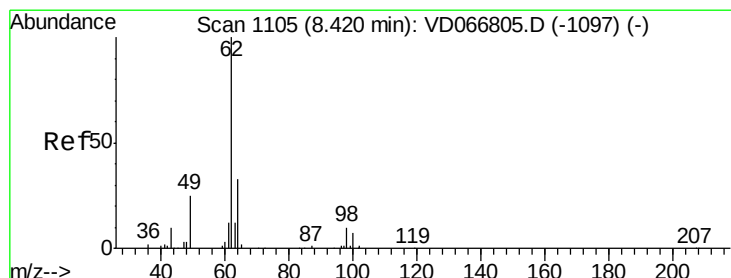
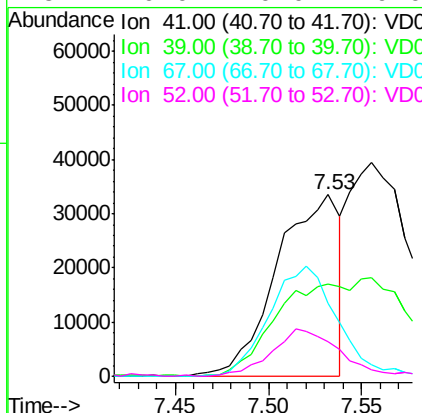
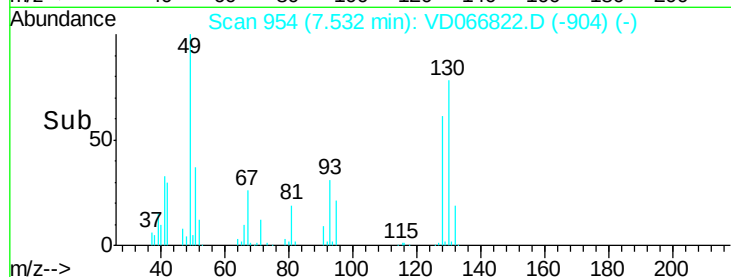
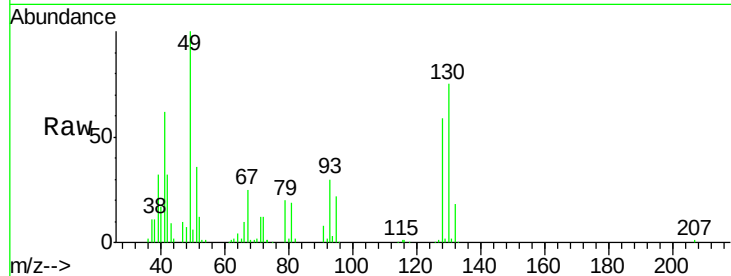
#41
Methacrylonitrile
Concen: 55.344 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	78576
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

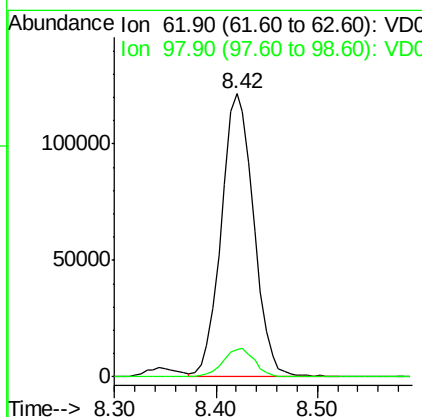
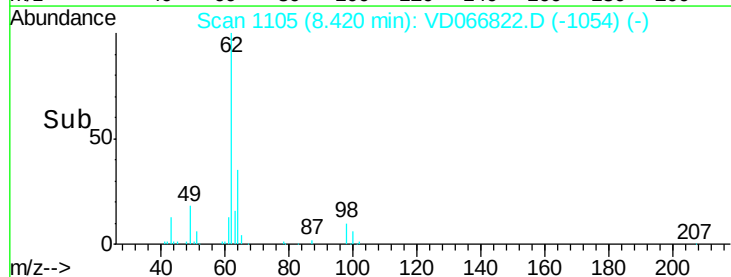
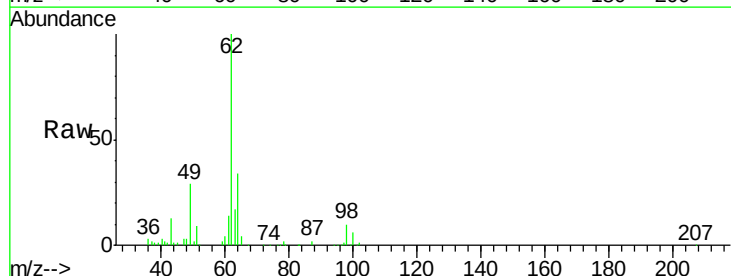
Manual Integrations
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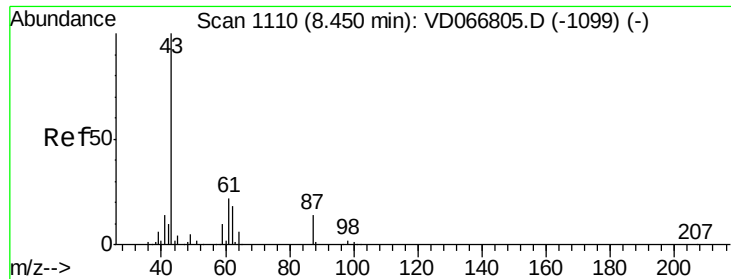
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.239 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	62	Resp	269603
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 51.539 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

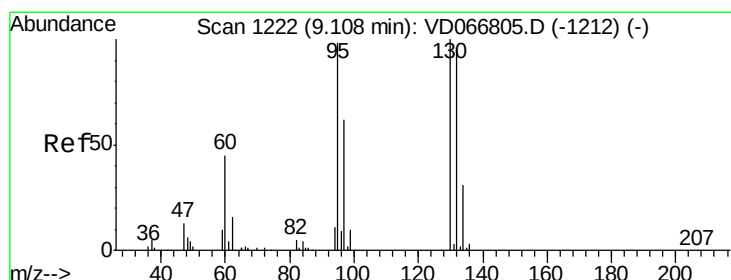
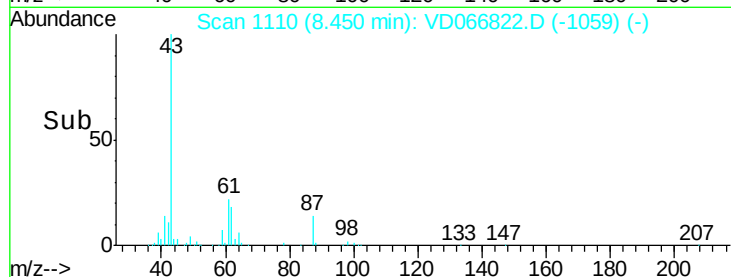
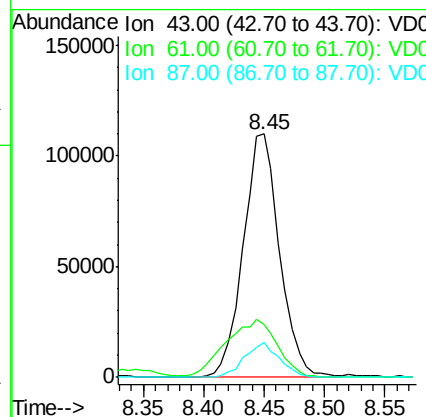
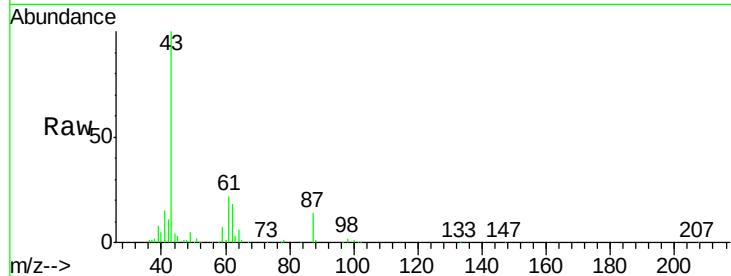
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	229403
Ion Ratio		Lower	Upper
43	100		
61	33.5	26.2	39.4
87	13.8	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.191 ug/l

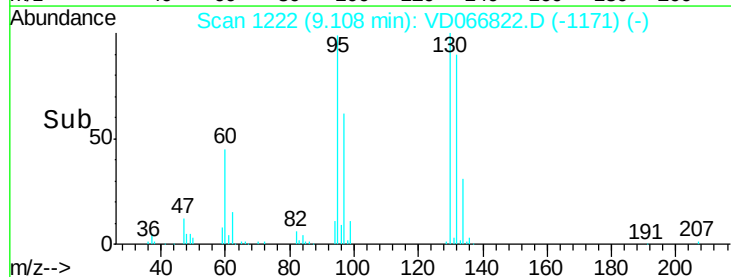
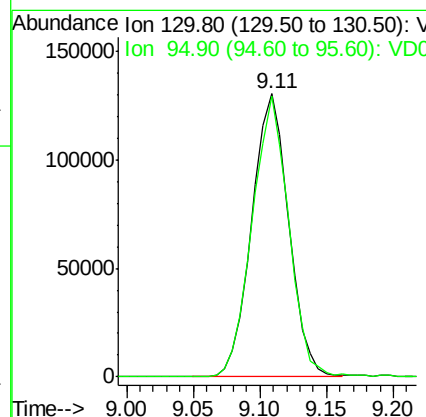
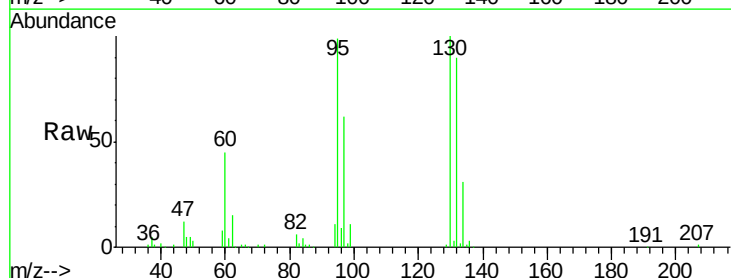
RT: 9.11 min Scan# 1222

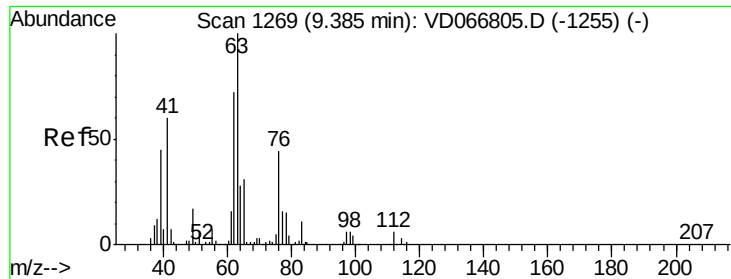
Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	130	Resp:	249557
Ion Ratio		Lower	Upper
130	100		
95	99.1	0.0	197.0





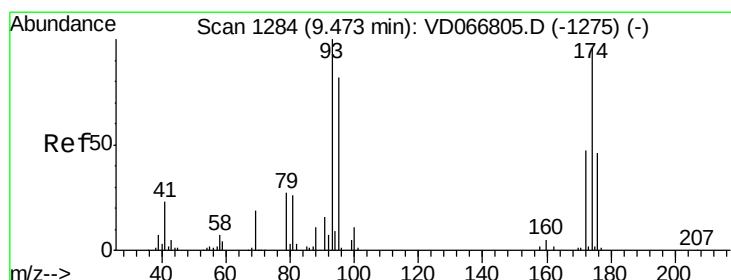
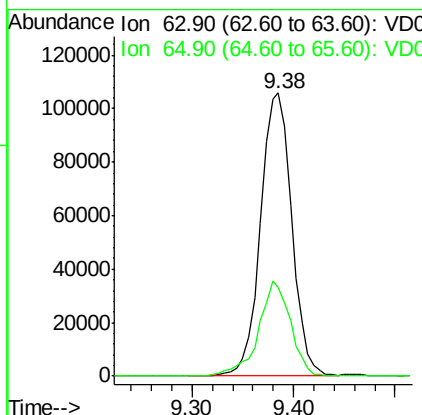
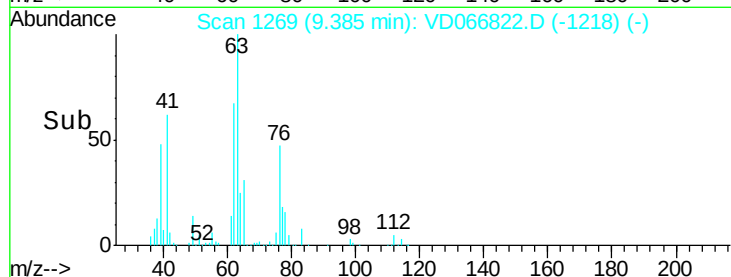
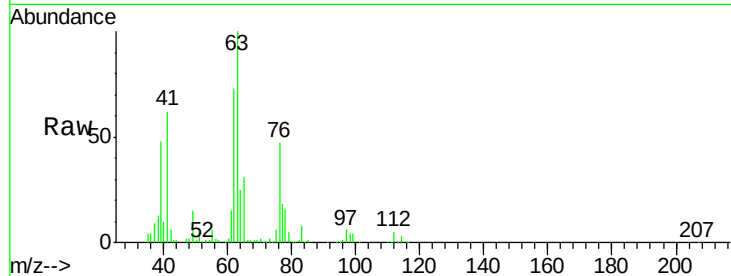
#45
 1,2-Dichloropropane
 Concen: 50.529 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 226274
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

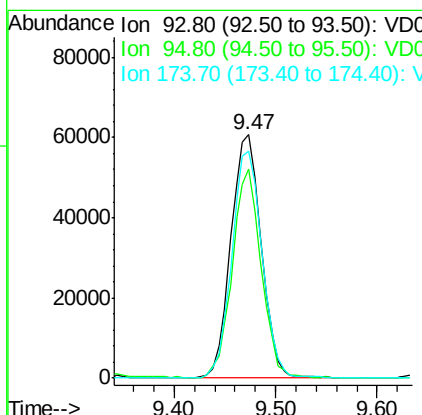
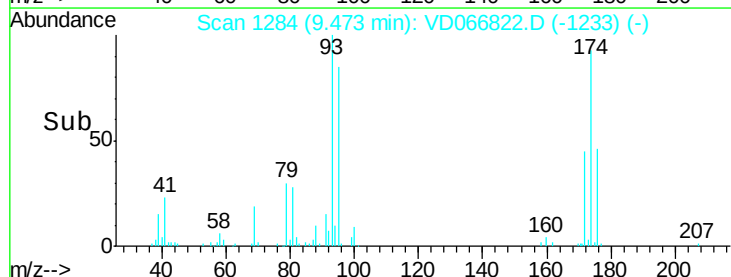
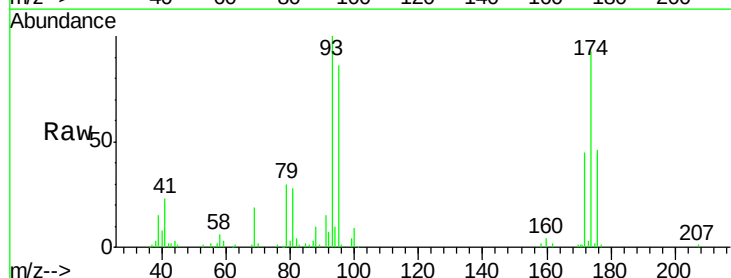
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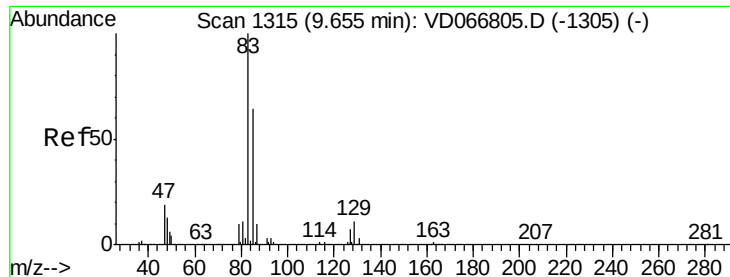
MMDadoda
 9/23/2020 1:05:12 PM



#46
 Dibromomethane
 Concen: 51.854 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion: 93 Resp: 126166
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.3 97.9
 174 93.5 75.4 113.2





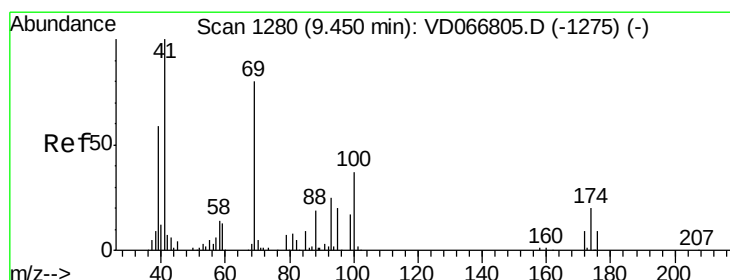
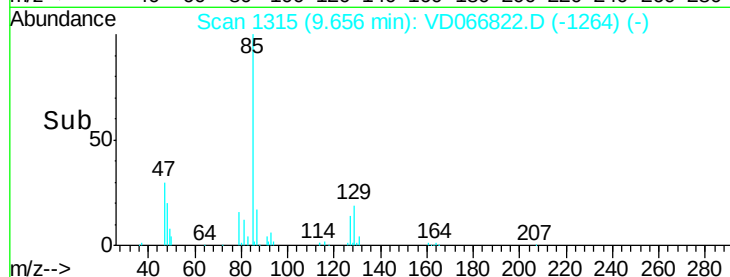
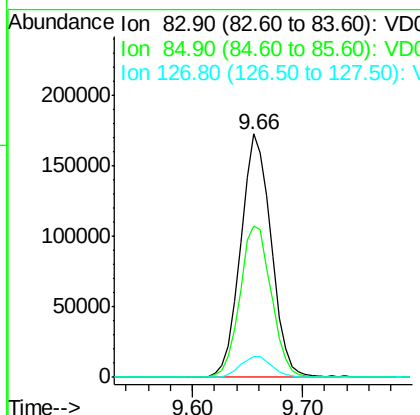
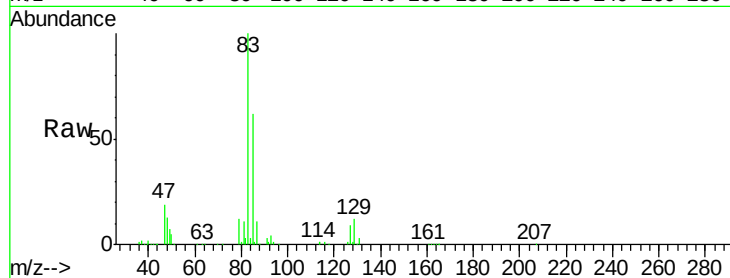
#47
Bromodichloromethane
Concen: 51.357 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.9	76.3
127	8.7	5.9	8.9

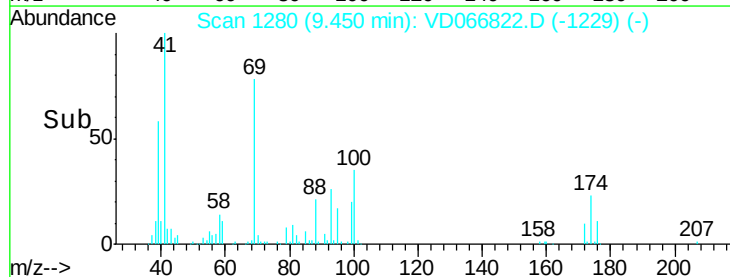
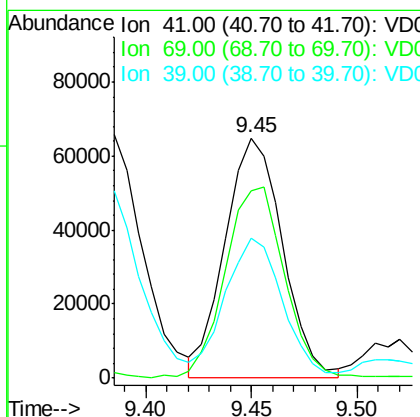
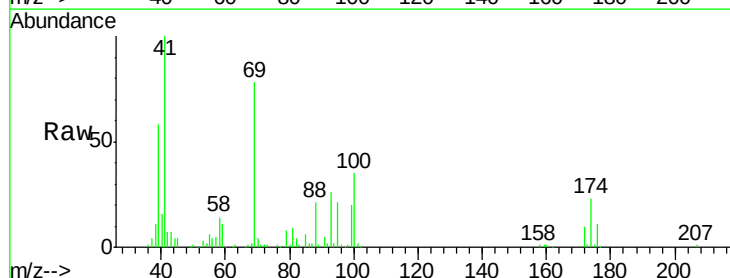
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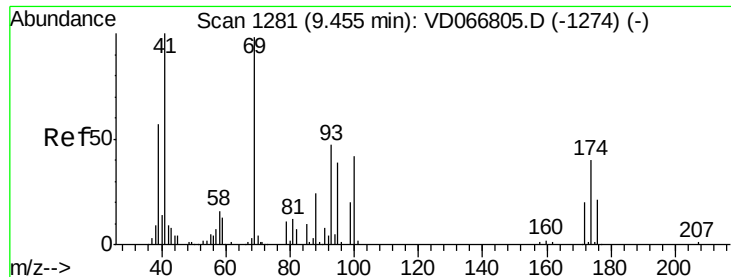
MMDadoda
9/23/2020 1:05:12 PM



#48
Methyl methacrylate
Concen: 55.771 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.5	74.5	111.7
39	58.9	47.0	70.6





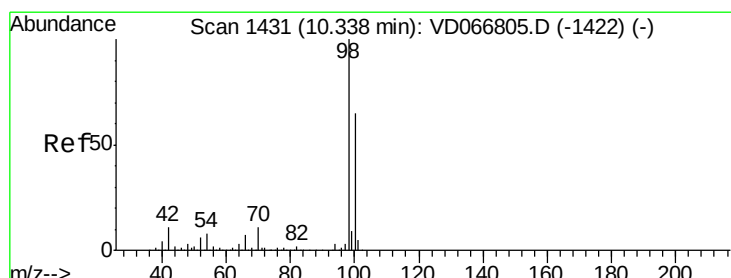
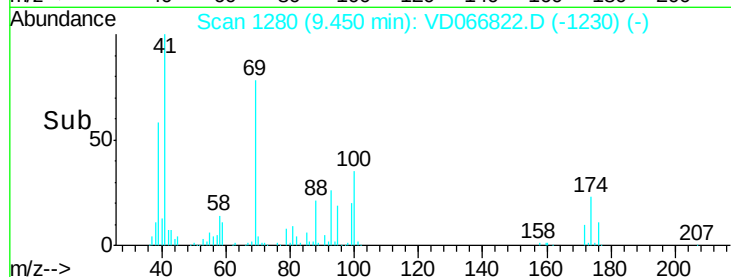
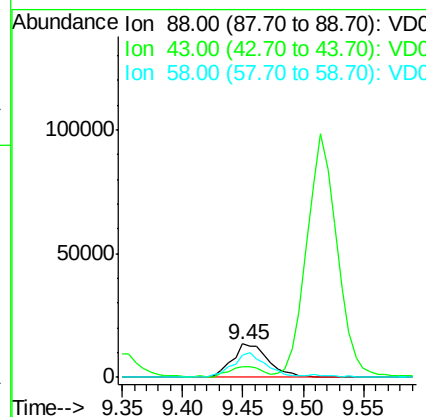
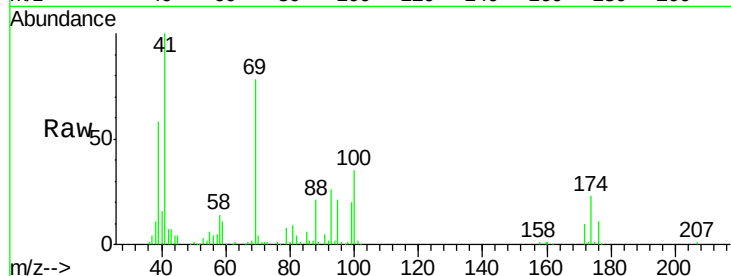
#49
1,4-Dioxane
Concen: 1038.571 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	26.9	27.7	41.5#	
58	68.5	55.5	83.3	

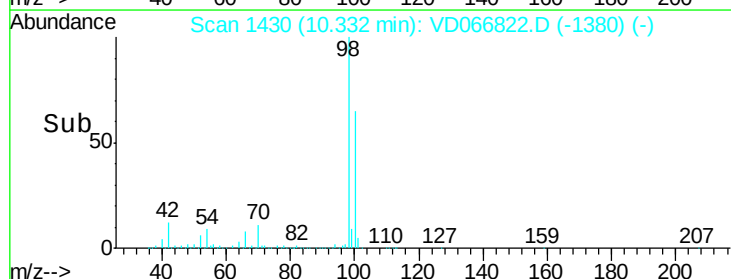
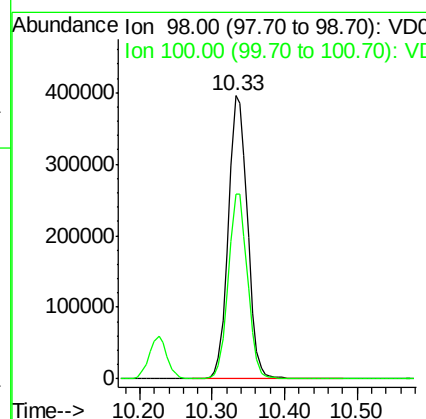
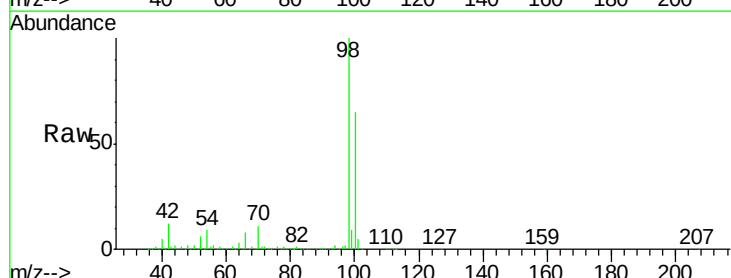
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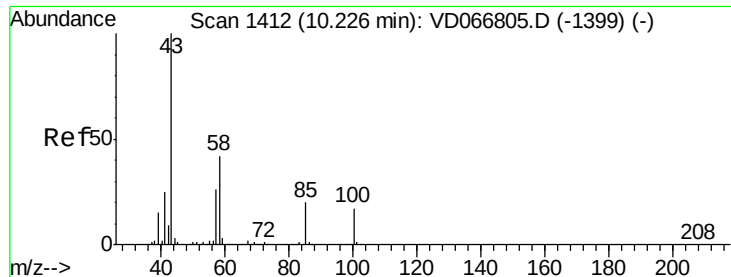
MMDadoda
9/23/2020 1:05:12 PM



#50
Toluene-d8
Concen: 51.990 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.9	52.2	78.2	





#51

4-Methyl-2-Pentanone

Concen: 270.014 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 608984

Ion Ratio Lower Upper

43 100

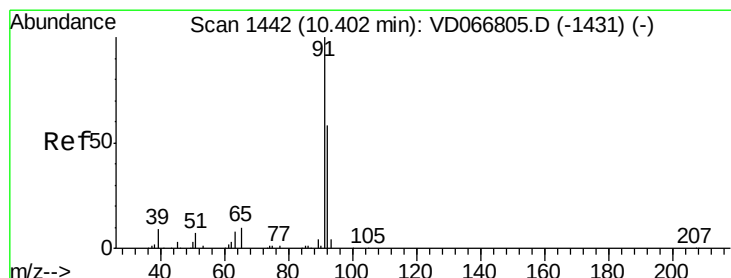
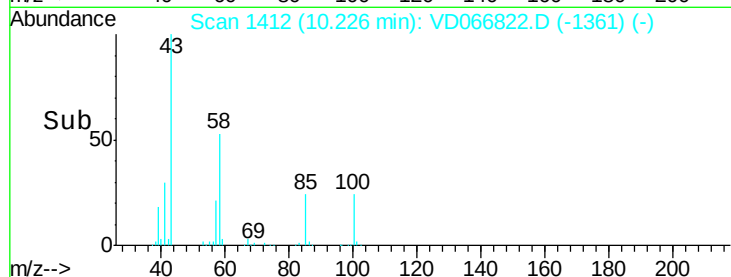
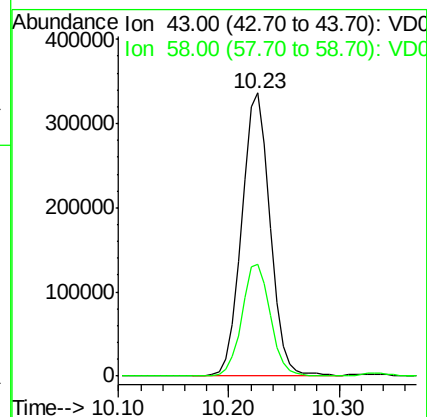
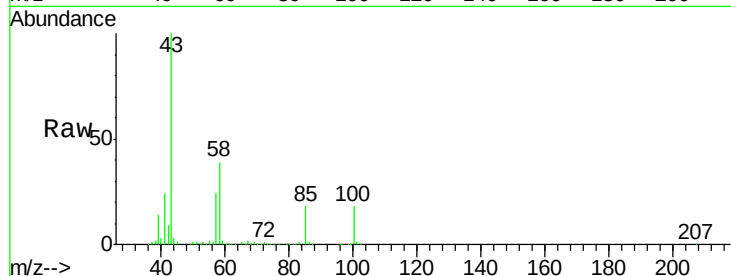
58 39.9 32.2 48.4

Manual Integrations

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9/23/2020 1:05:12 PM



#52

Toluene

Concen: 52.374 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066822.D

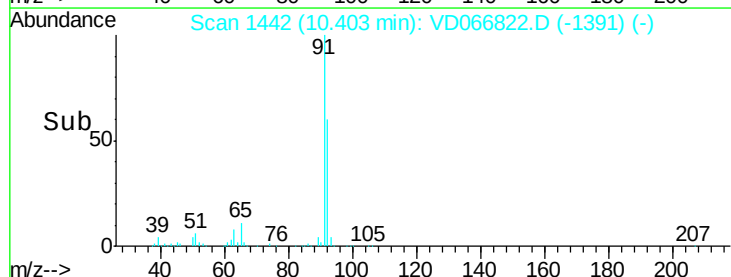
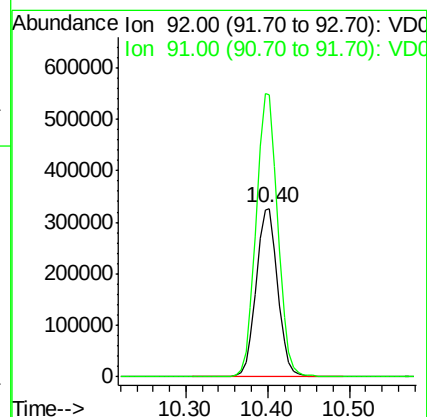
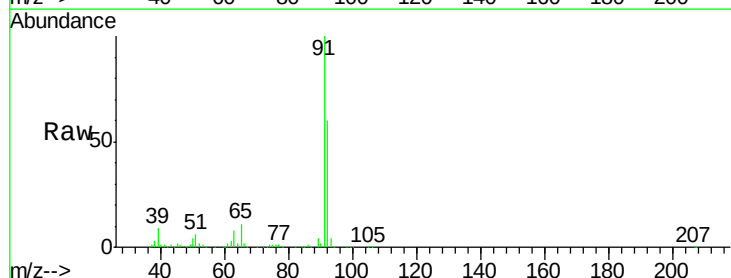
Acq: 22 Sep 2020 20:25

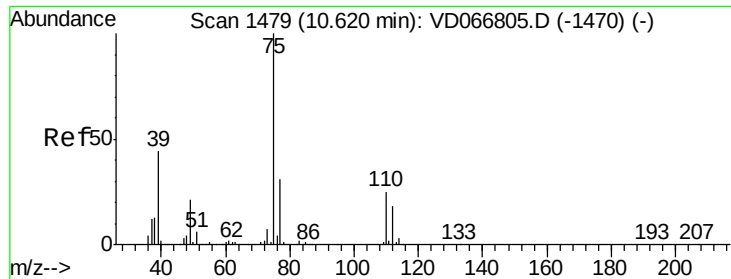
Tgt Ion: 92 Resp: 600452

Ion Ratio Lower Upper

92 100

91 169.4 134.6 202.0





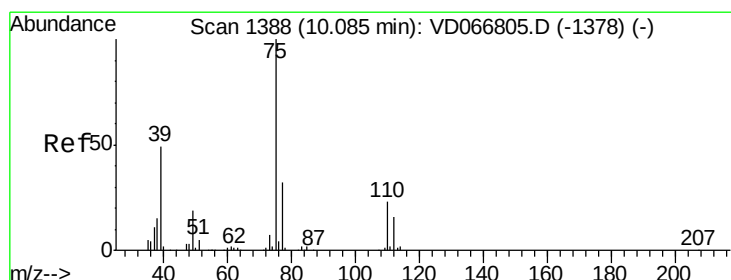
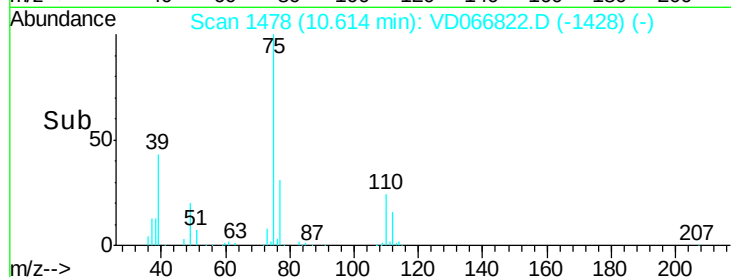
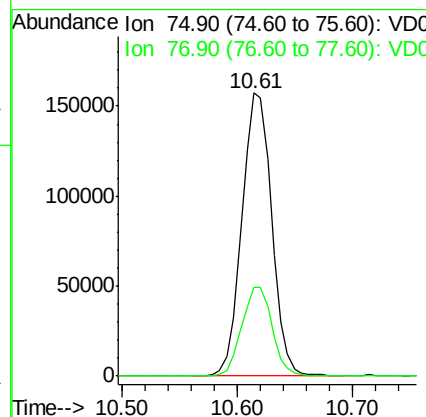
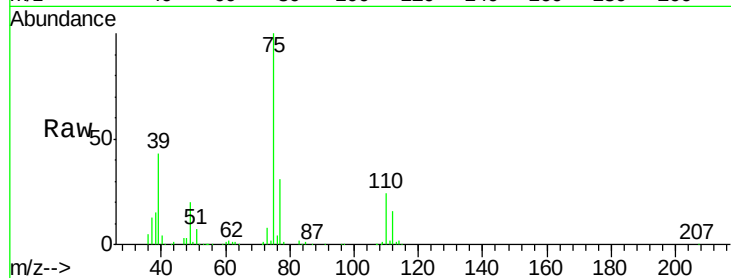
#53
t-1,3-Dichloropropene
Concen: 50.768 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.5	36.7

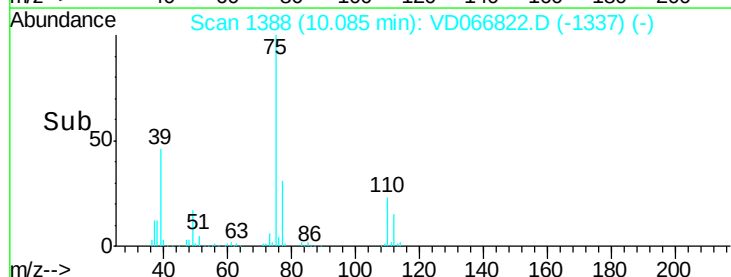
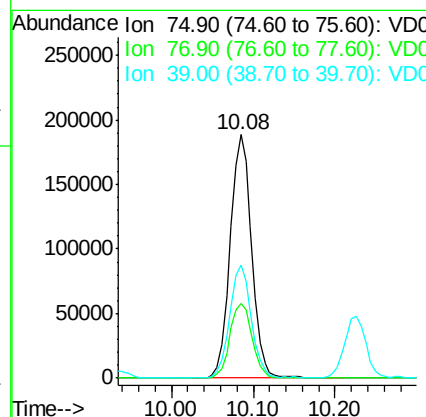
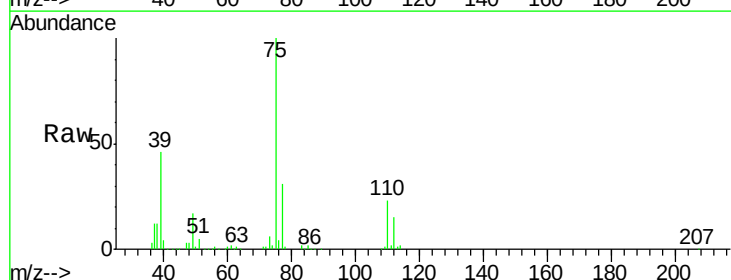
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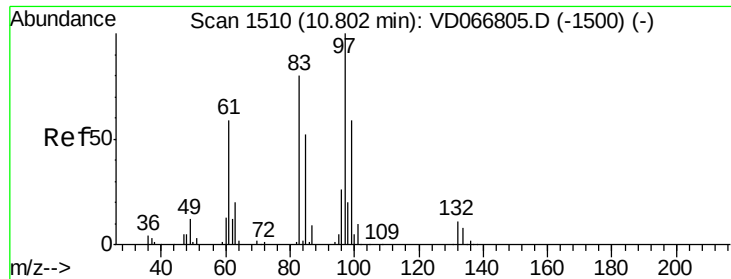
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#54
cis-1,3-Dichloropropene
Concen: 50.640 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.6	38.4
39	46.0	39.2	58.8





#55

1,1,2-Trichloroethane

Concen: 51.623 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

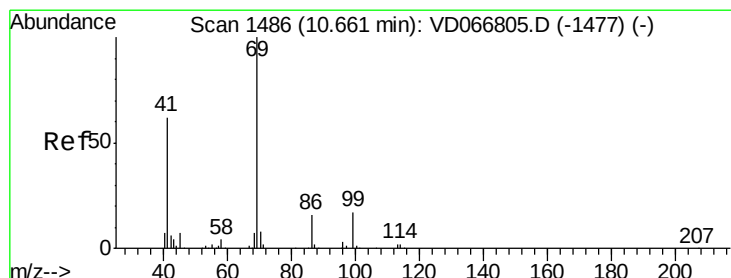
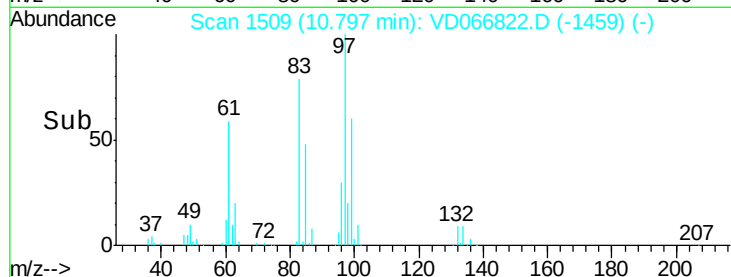
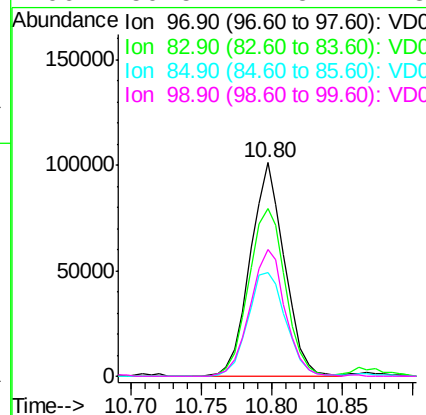
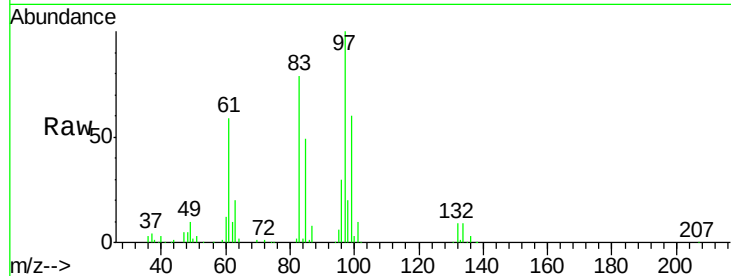
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		172669		
83	78.6	64.2	96.2		
85	48.7	41.9	62.9		
99	59.5	47.5	71.3		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 55.047 ug/l

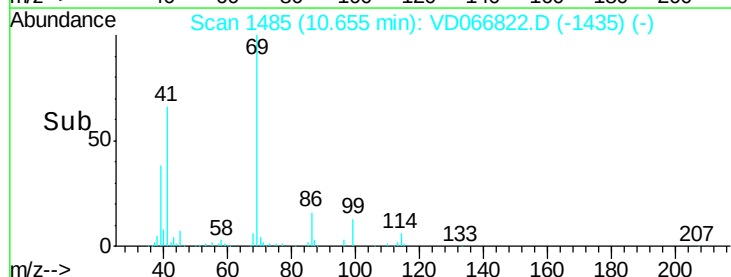
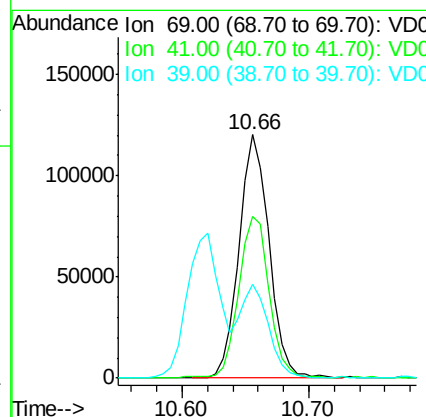
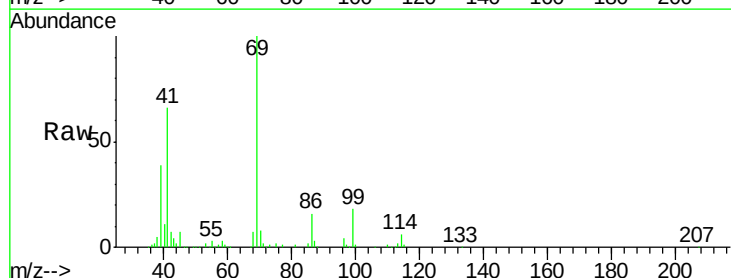
RT: 10.66 min Scan# 1485

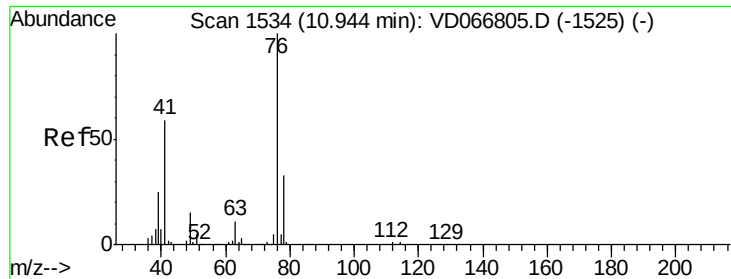
Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		197244		
41	67.9	52.2	78.2		
39	36.7	26.6	40.0		





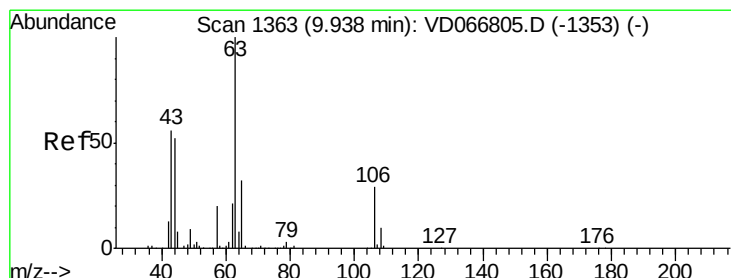
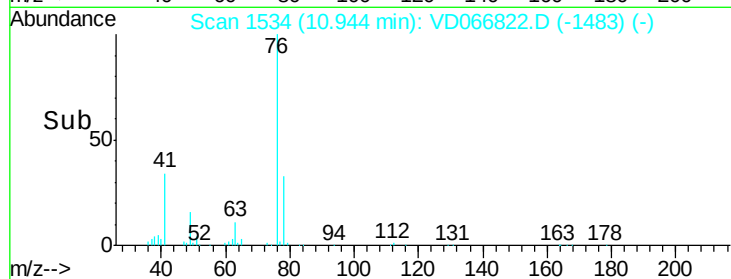
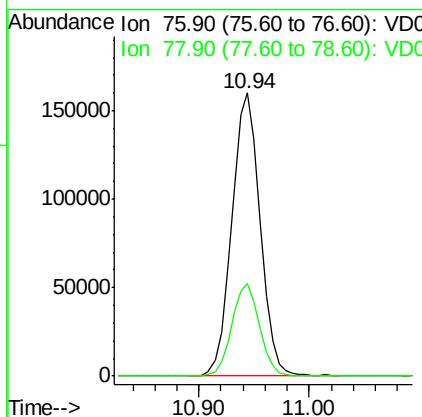
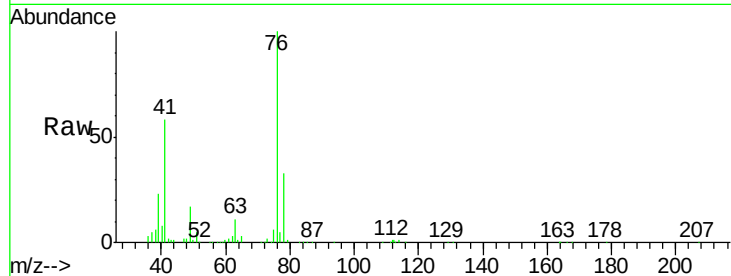
#57
 1,3-Dichloropropane
 Concen: 52.126 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

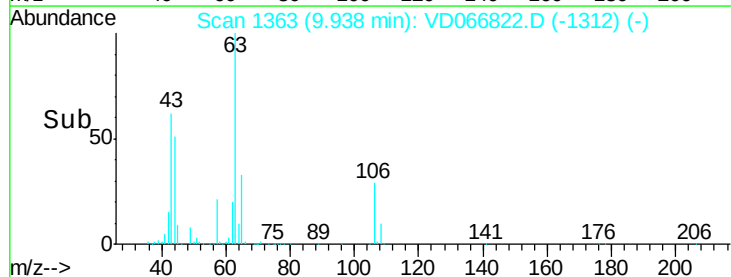
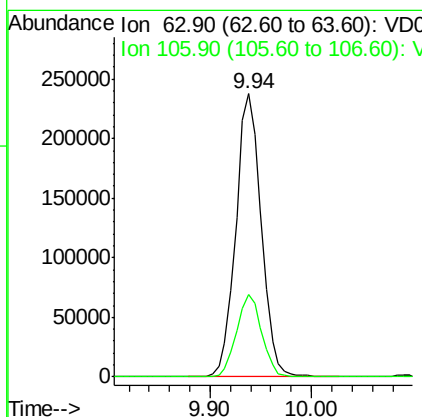
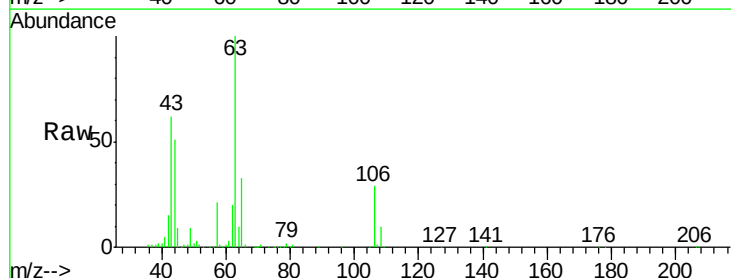
Manual Integrations
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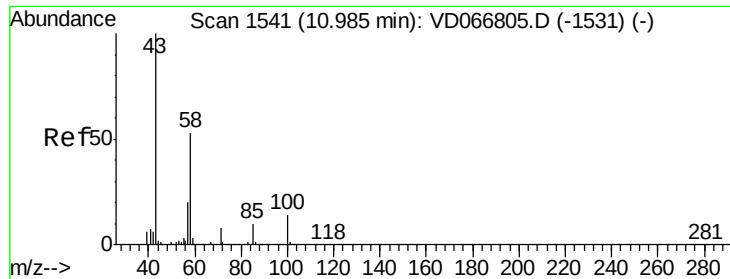
MMDadoda
 9/23/2020 1:05:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.652 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.8	35.6





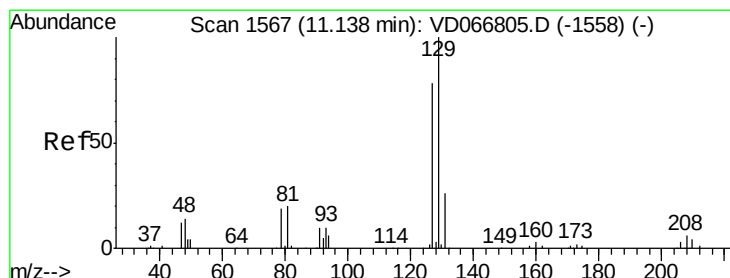
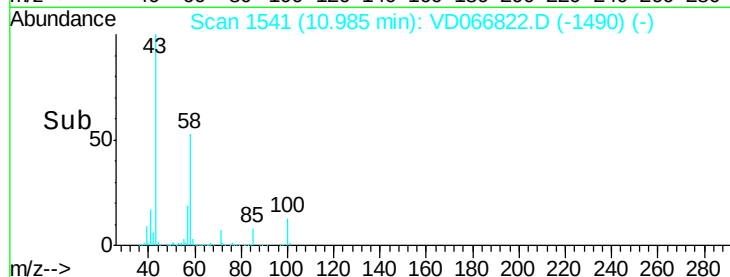
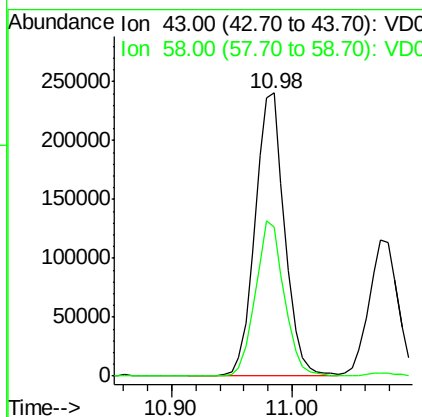
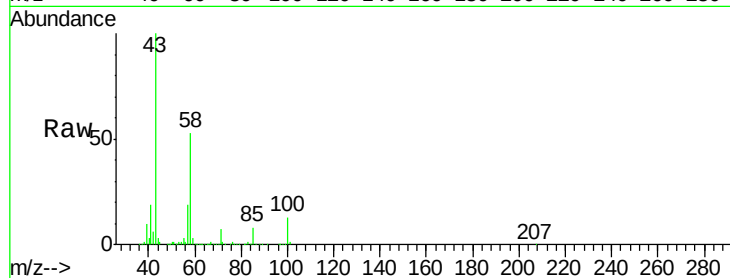
#59
2-Hexanone
Concen: 268.840 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 408898
Ion Ratio Lower Upper
43 100
58 53.5 27.0 80.8

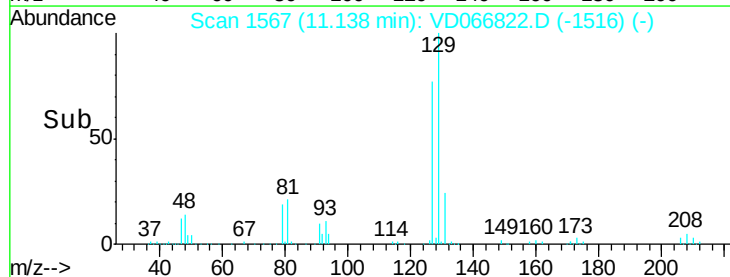
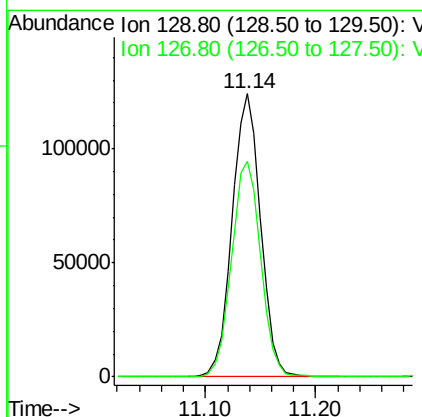
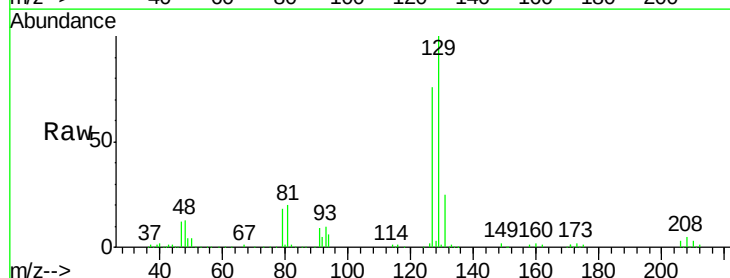
Manual Integrations
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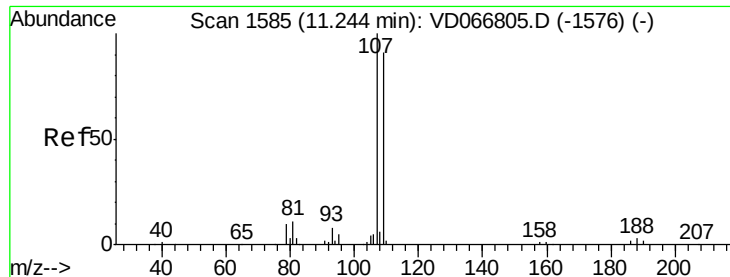
MMDadoda
9/23/2020 1:05:12 PM



#60
Dibromochloromethane
Concen: 51.324 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 129 Resp: 224049
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





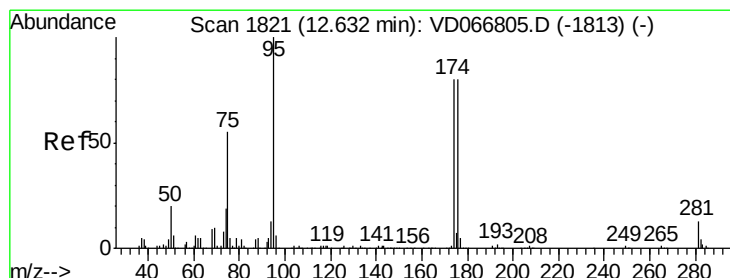
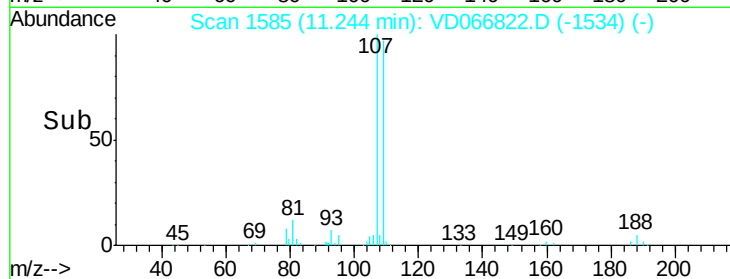
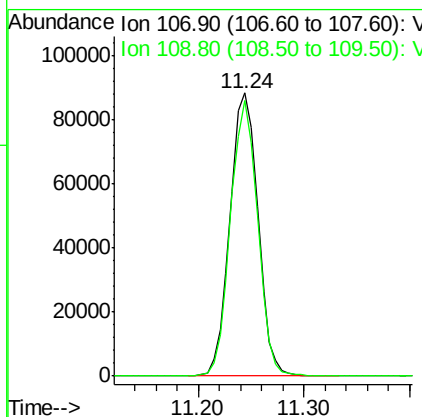
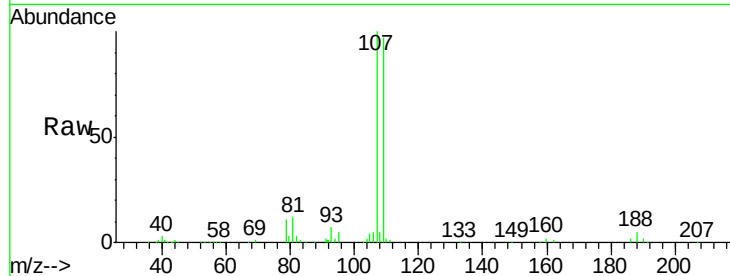
#61
 1,2-Dibromoethane
 Concen: 52.157 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.4

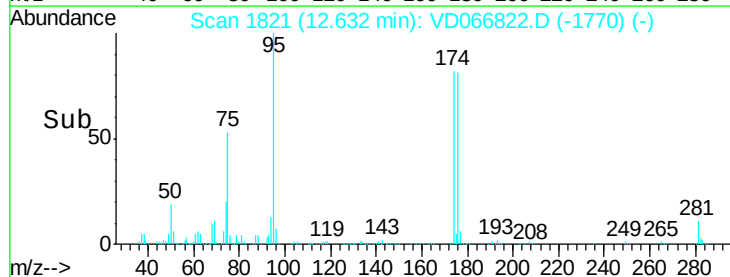
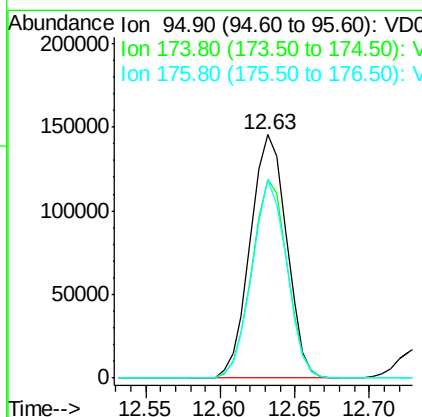
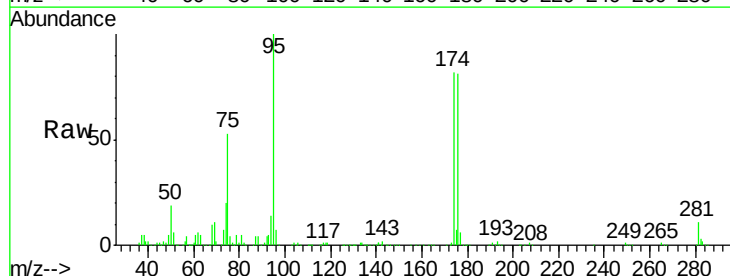
Manual Integrations
 APPROVED

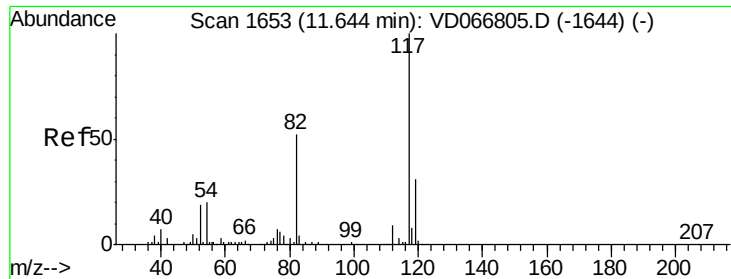
MMDadoda
 9/23/2020 1:05:12 PM



#62
 4-Bromofluorobenzene
 Concen: 51.392 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	159.8
176	77.6	0.0	154.4





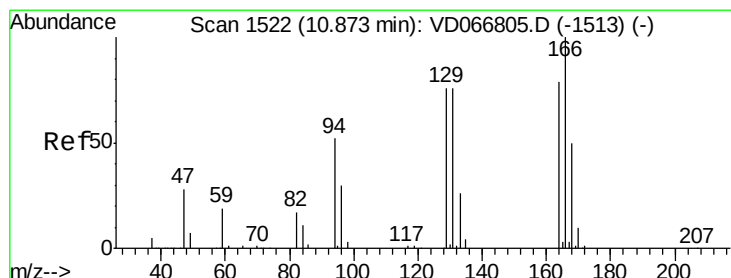
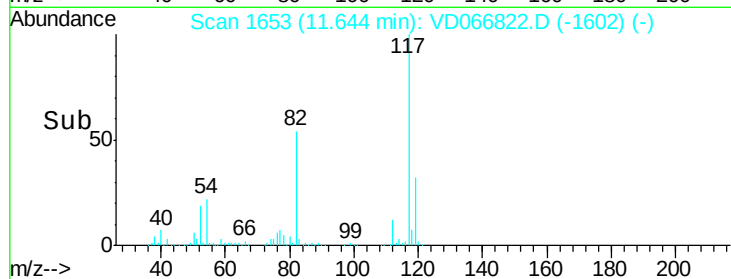
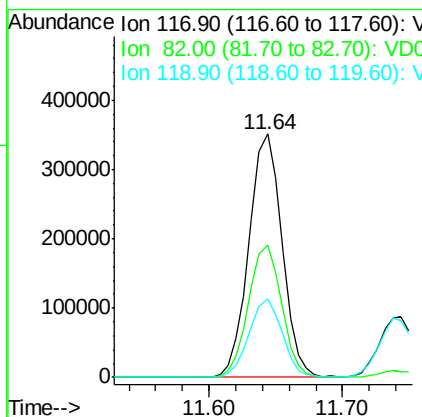
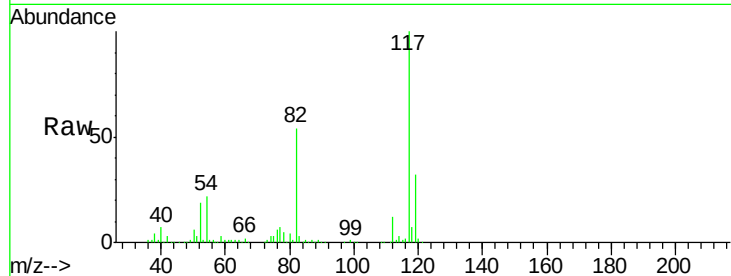
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	603172		
82	54.1		41.8	62.6
119	32.2		24.6	37.0

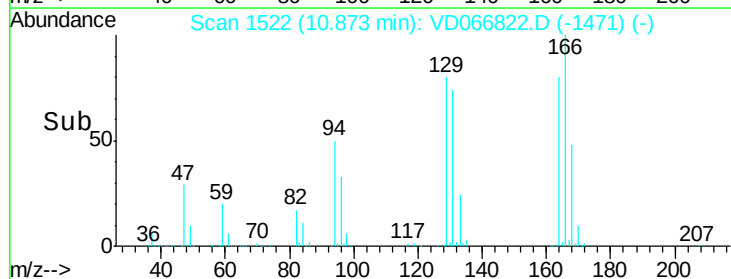
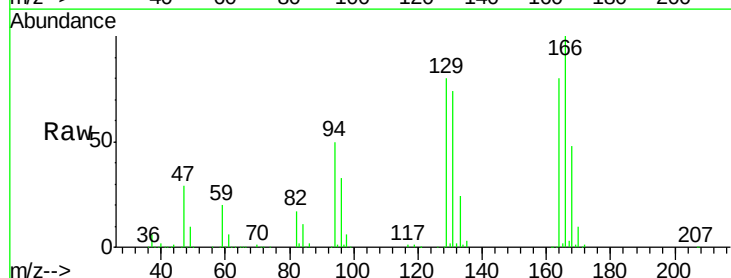
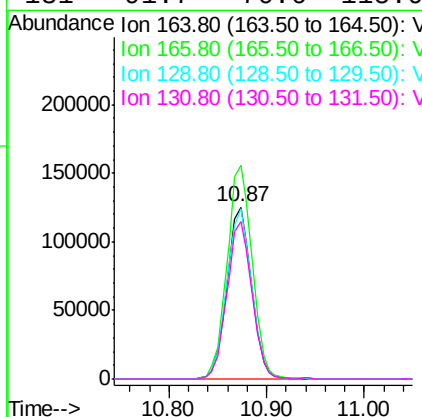
Manual Integrations
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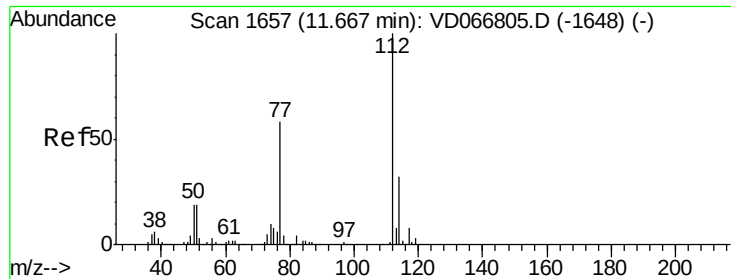
MMDadoda
9/23/2020 1:05:12 PM



#64
Tetrachloroethene
Concen: 50.688 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219920		
166	124.4		101.1	151.7
129	99.3		77.0	115.4
131	91.7		76.6	115.0





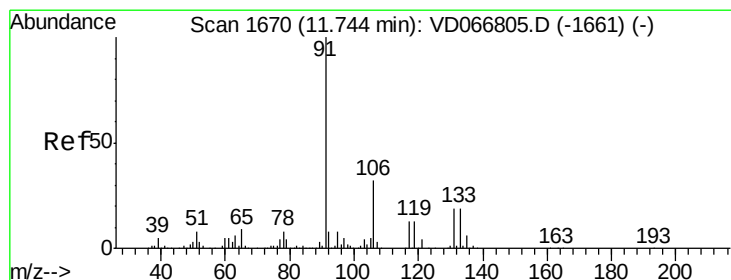
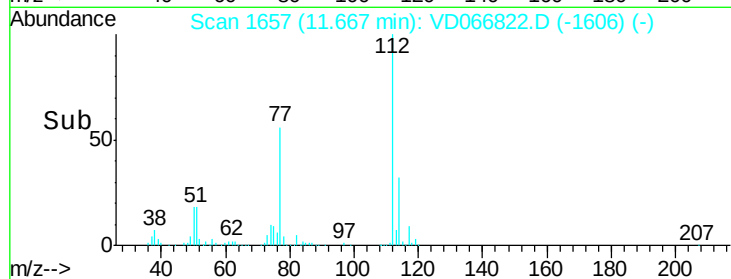
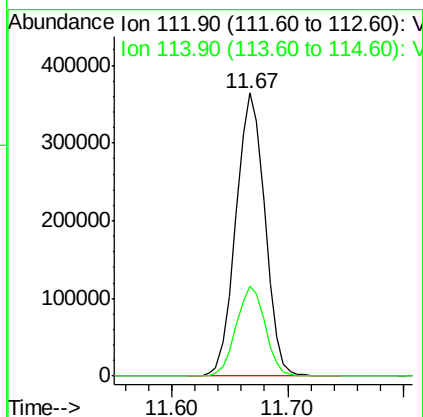
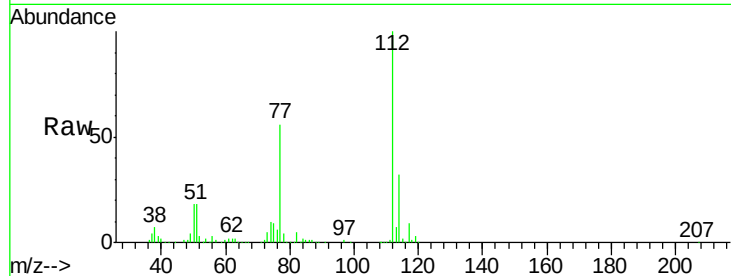
#65
Chlorobenzene
Concen: 50.416 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

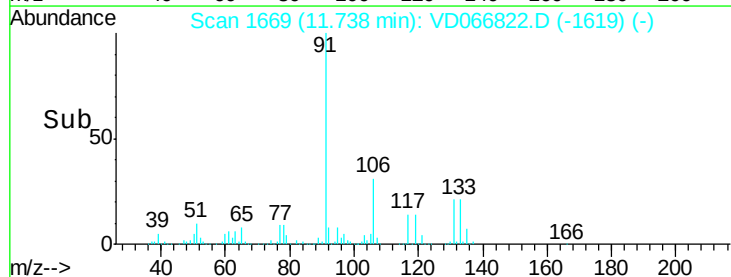
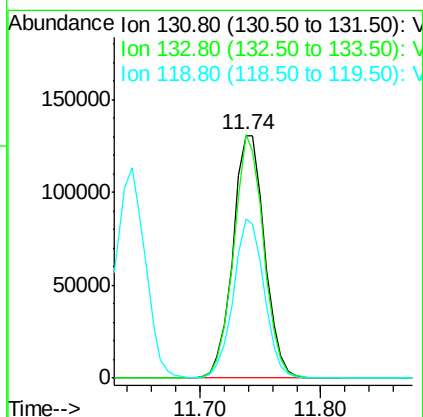
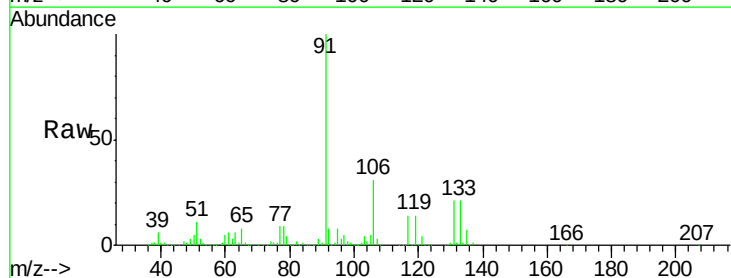
Manual Integrations
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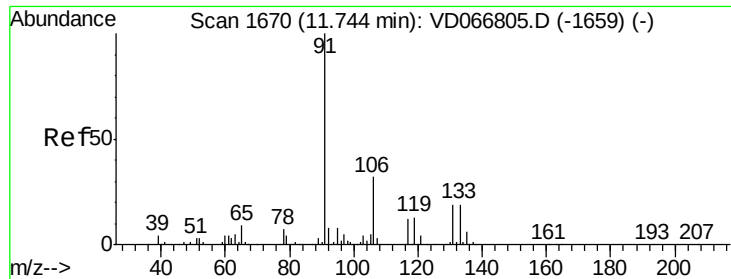
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.368 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	46.7	140.1
119	63.8	32.3	96.9





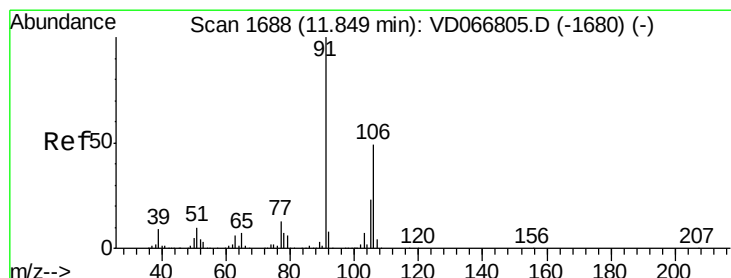
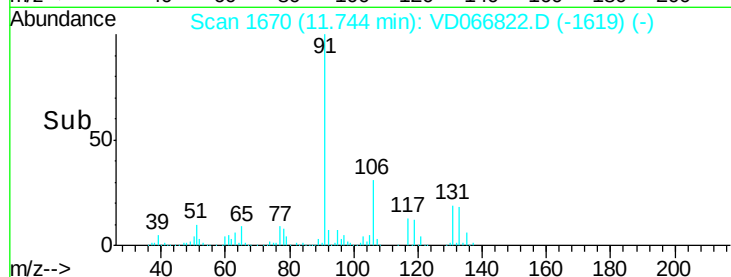
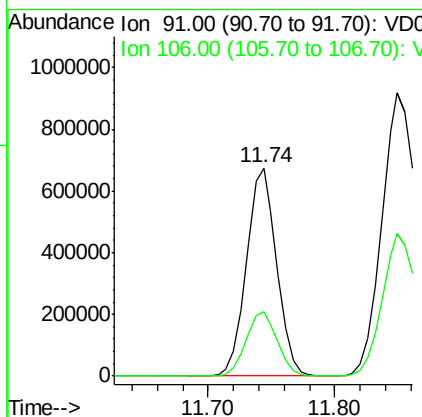
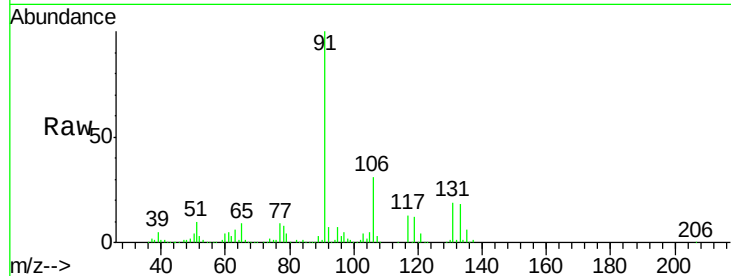
#67
Ethyl Benzene
Concen: 50.613 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1116073
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

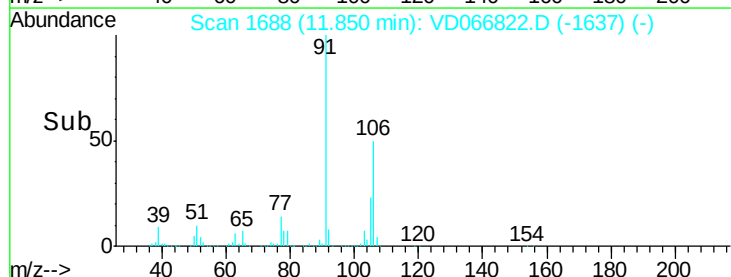
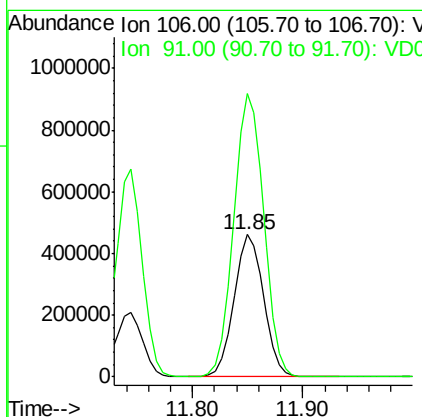
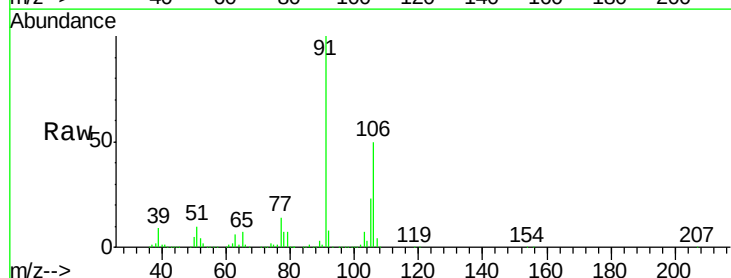
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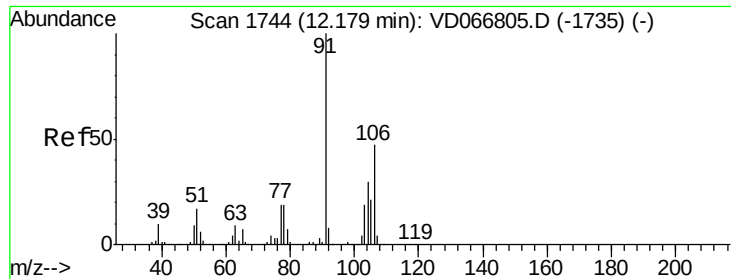
MMDadoda
9/23/2020 1:05:12 PM



#68
m/p-Xylenes
Concen: 103.510 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion: 106 Resp: 864193
Ion Ratio Lower Upper
106 100
91 202.9 160.7 241.1





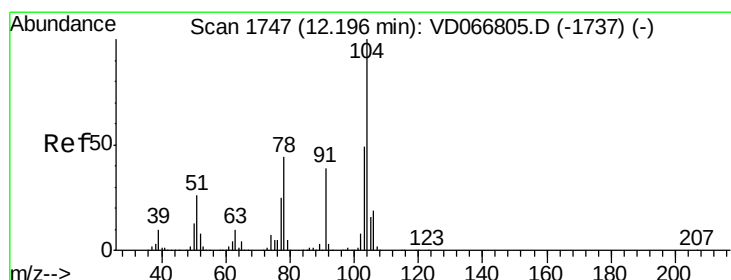
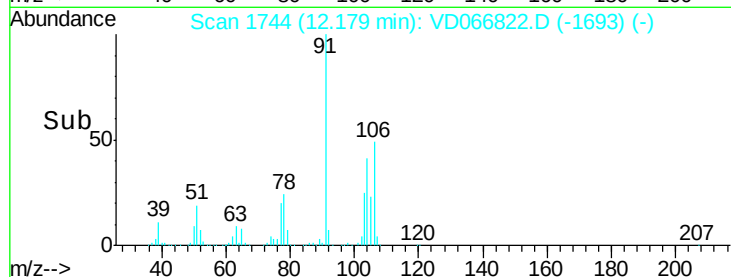
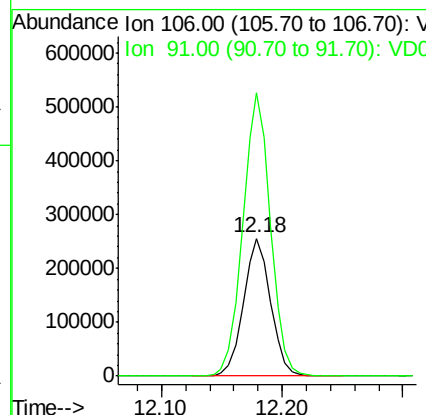
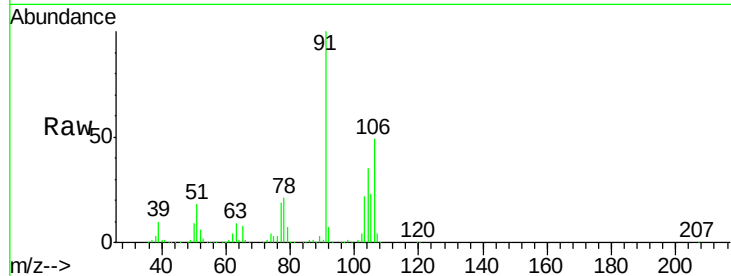
#69
o-Xylene
Concen: 52.875 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	399169		
91	208.7	106.3	318.8	

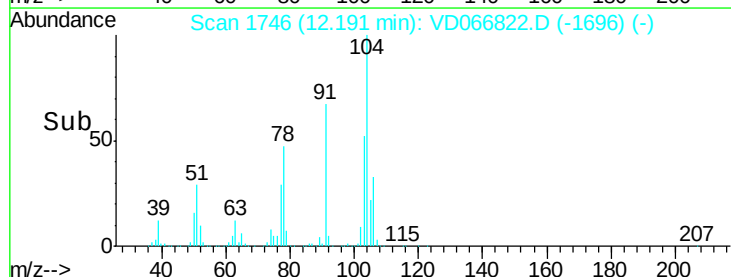
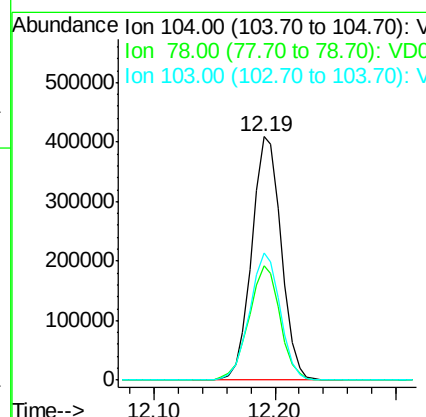
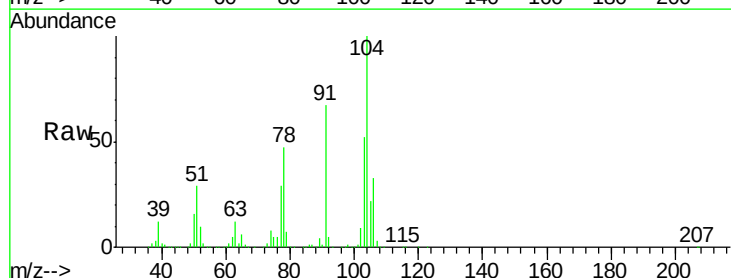
Manual Integrations
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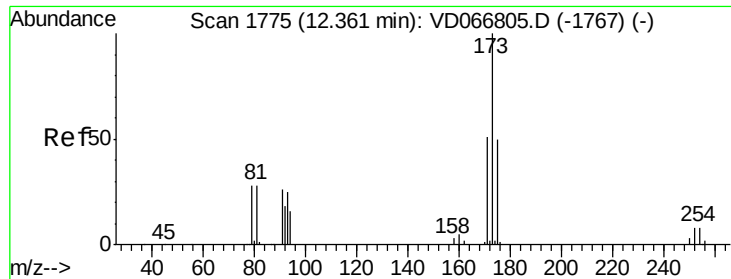
MMDadoda
9/23/2020 1:05:12 PM



#70
Styrene
Concen: 52.937 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	694017		
78	49.7	38.9	58.3	
103	54.4	43.2	64.8	





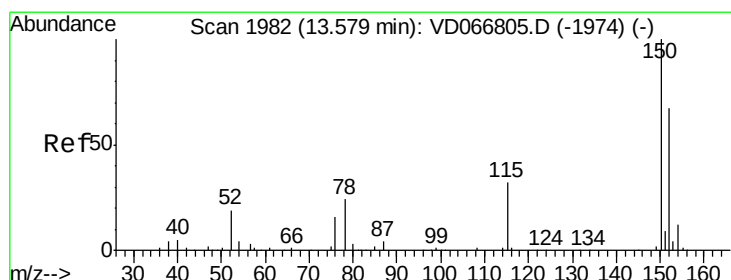
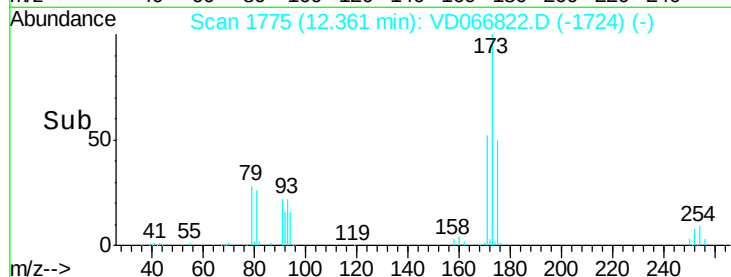
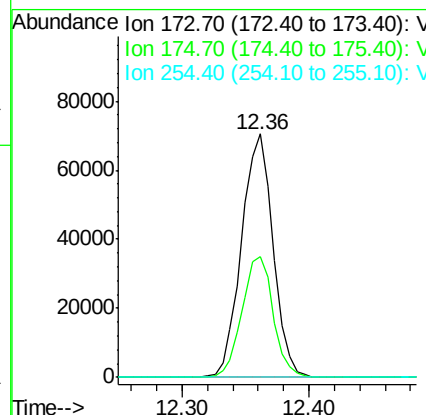
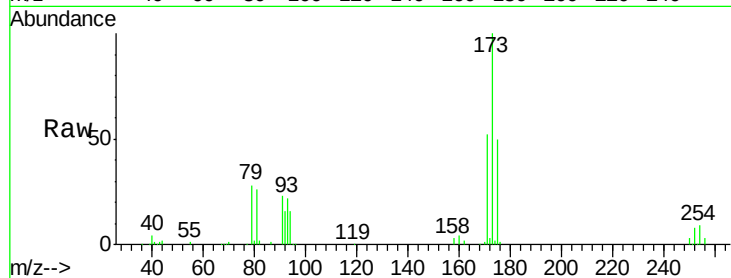
#71
Bromoform
Concen: 50.440 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.1	0.1	0.1

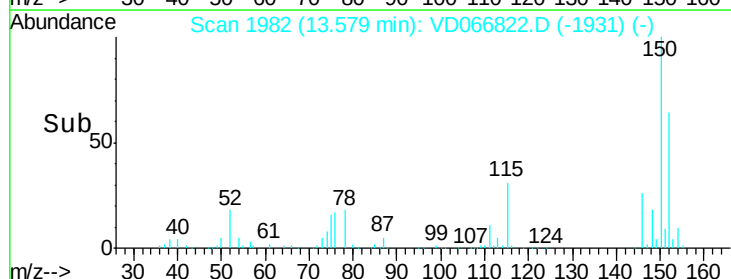
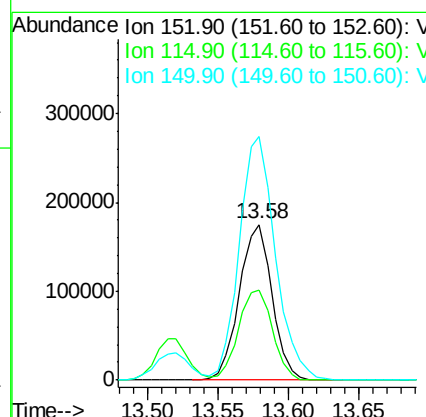
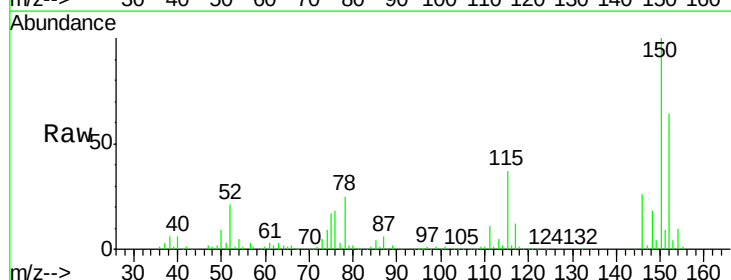
Manual Integrations
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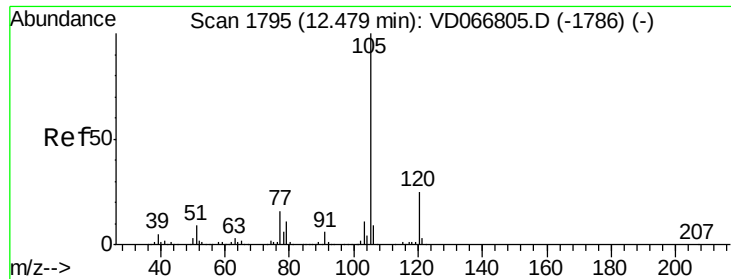
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.3	91.0
150	172.6	0.0	346.2





#73

Isopropylbenzene

Concen: 51.845 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1063889

Ion Ratio Lower Upper

105 100

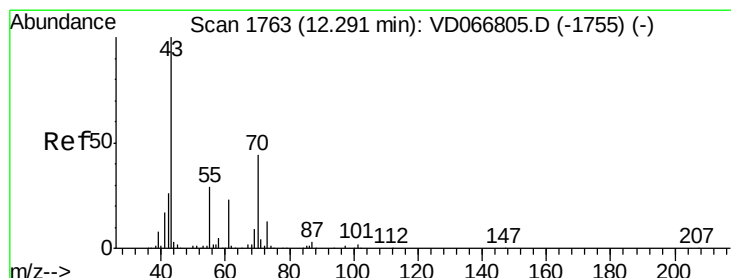
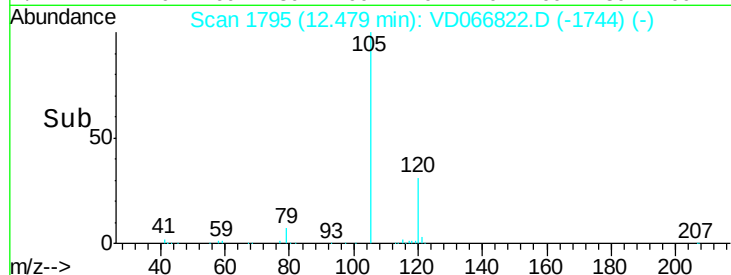
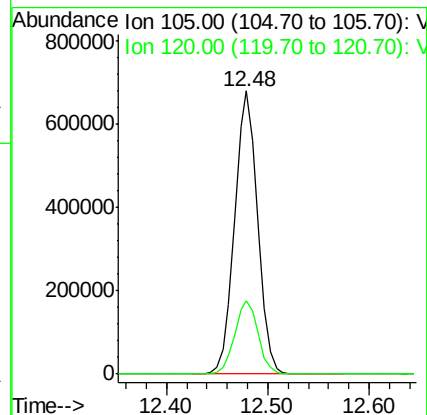
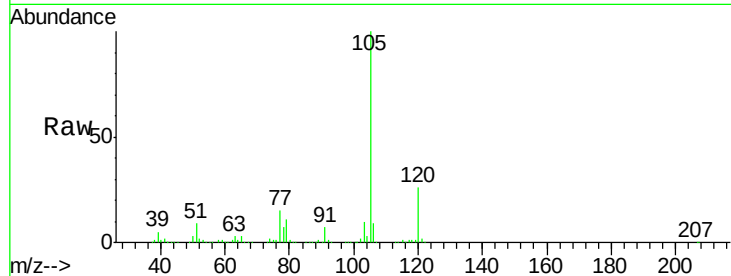
120 26.3 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.956 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion: 43 Resp: 208208

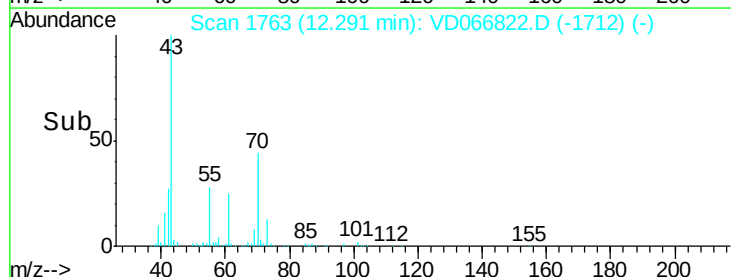
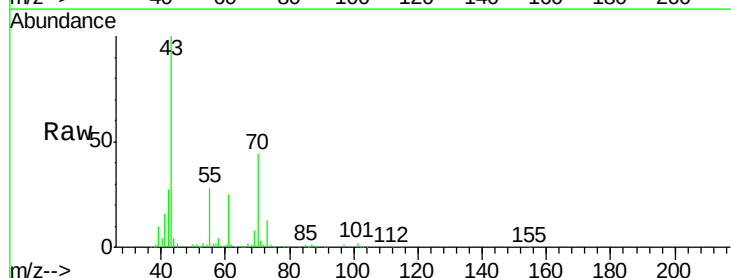
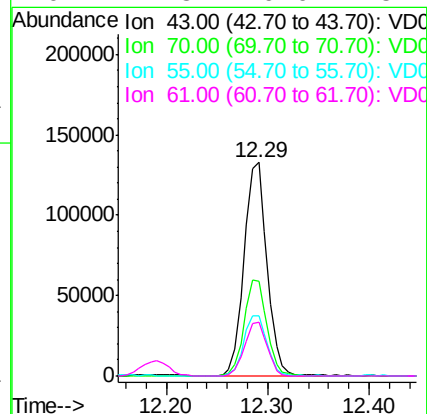
Ion Ratio Lower Upper

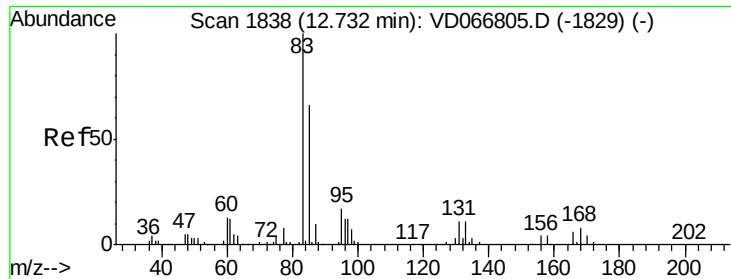
43 100

70 44.8 36.1 54.1

55 28.9 21.8 32.8

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.502 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

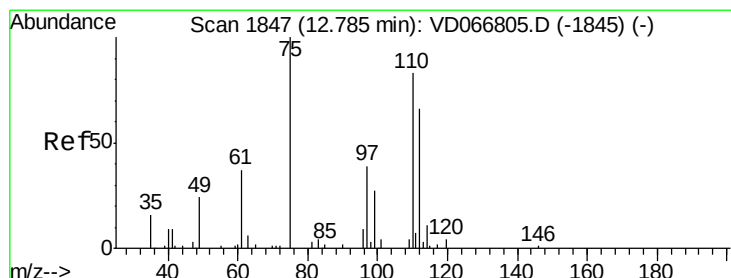
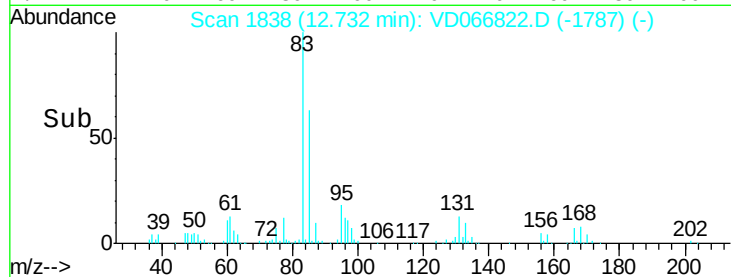
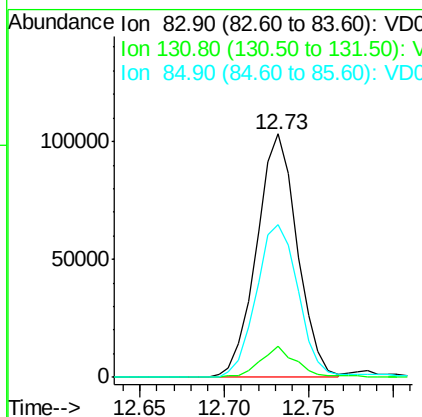
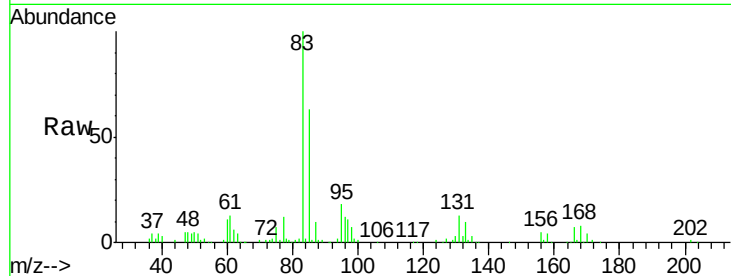
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171743
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.7
85	65.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.509 ug/l m

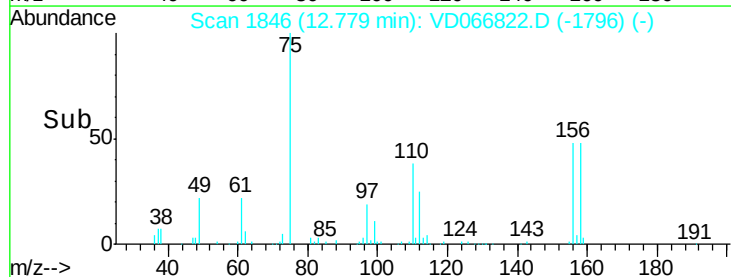
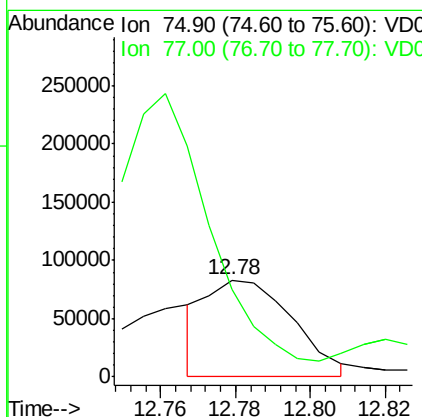
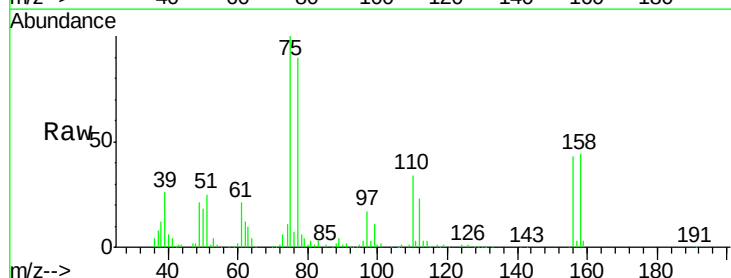
RT: 12.78 min Scan# 1846

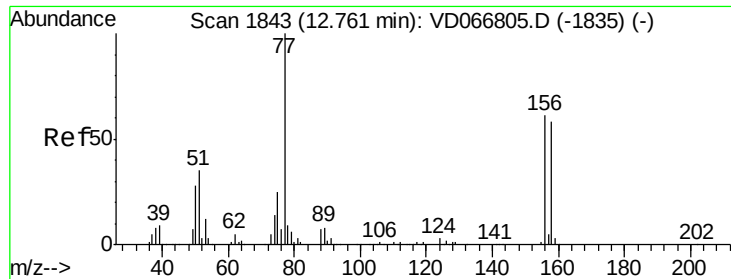
Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	75	Resp:	133028
Ion Ratio	Lower	Upper	
75	100		
77	340.6	0.0	0.0#





#77

Bromobenzene

Concen: 50.957 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 244563

Ion Ratio Lower Upper

156 100

77 185.3 92.3 276.9

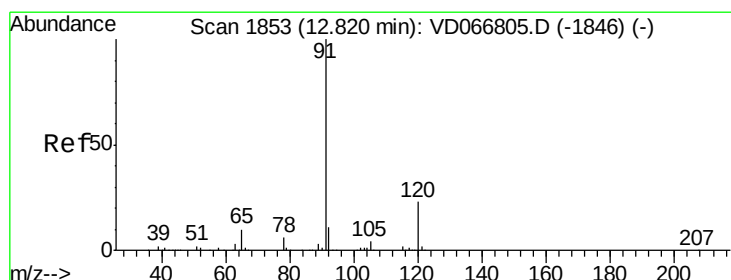
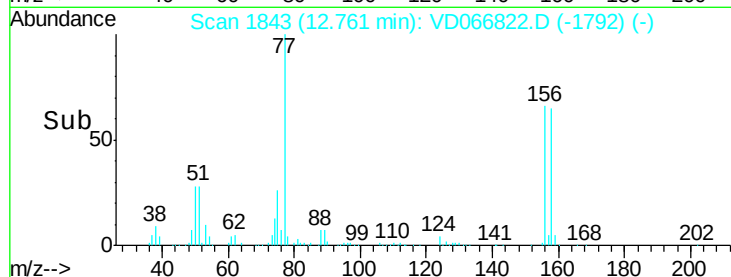
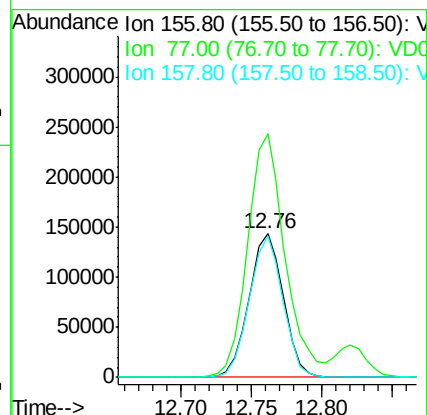
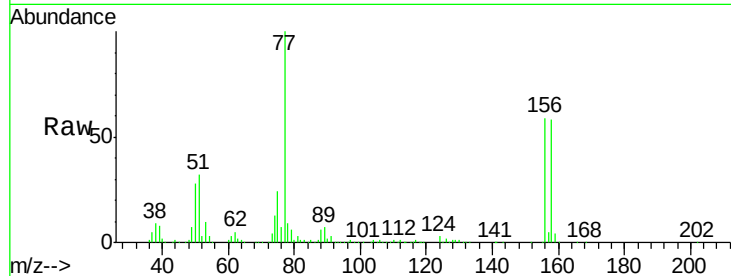
158 95.9 47.6 142.9

Manual Integrations

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#78

n-propylbenzene

Concen: 51.118 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066822.D

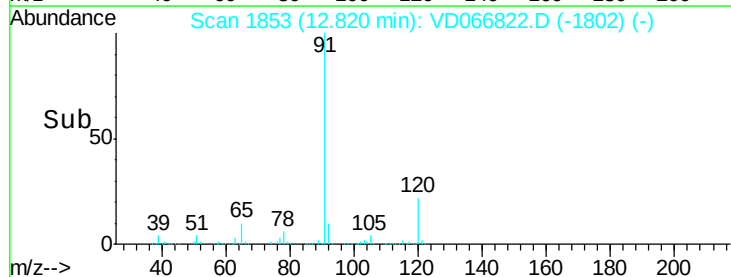
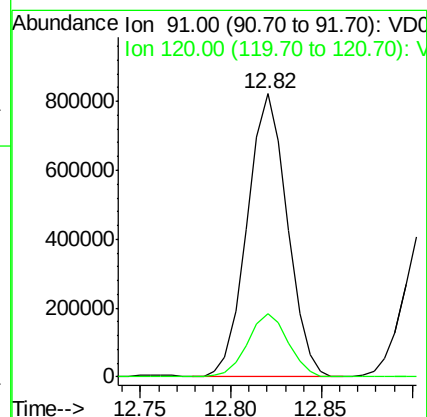
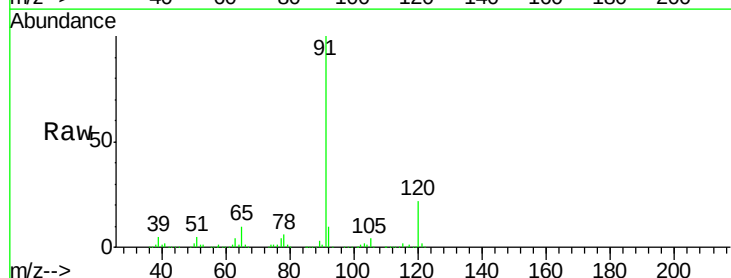
Acq: 22 Sep 2020 20:25

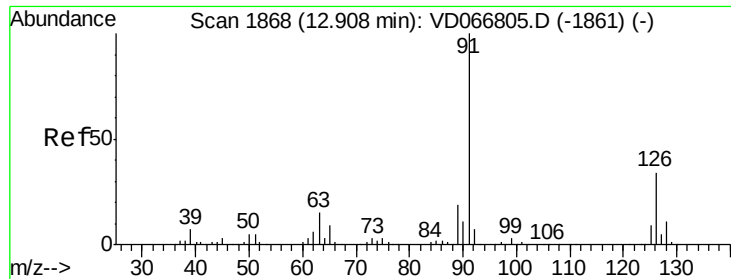
Tgt Ion: 91 Resp: 1261960

Ion Ratio Lower Upper

91 100

120 22.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 50.966 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 717004

Ion Ratio Lower Upper

91 100

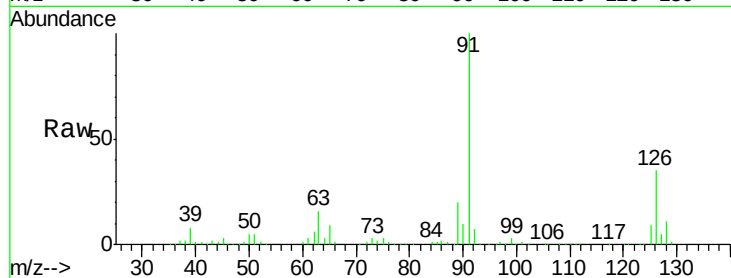
126 34.1 17.0 51.0

Manual Integrations

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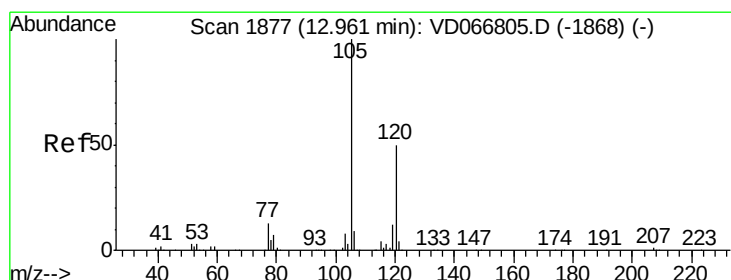
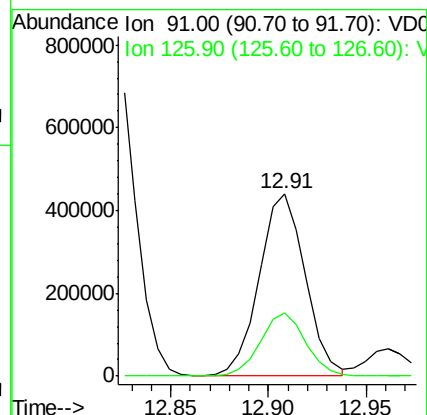
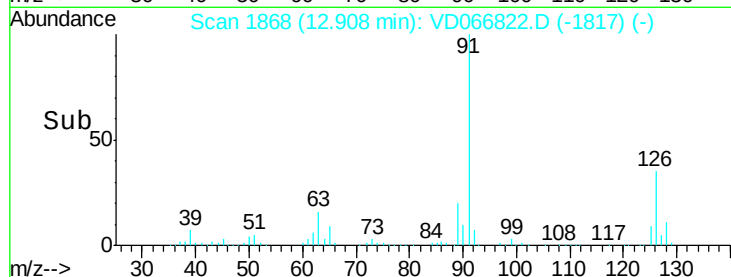
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Abundance Ion 91.00 (90.70 to 91.70): VD066822.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066822.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.420 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066822.D

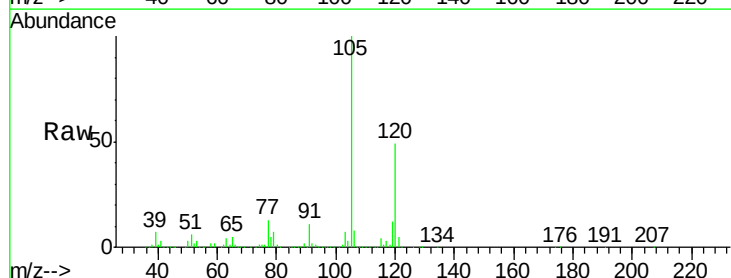
Acq: 22 Sep 2020 20:25

Tgt Ion: 105 Resp: 912750

Ion Ratio Lower Upper

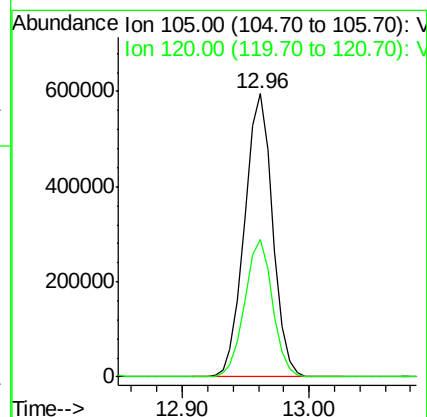
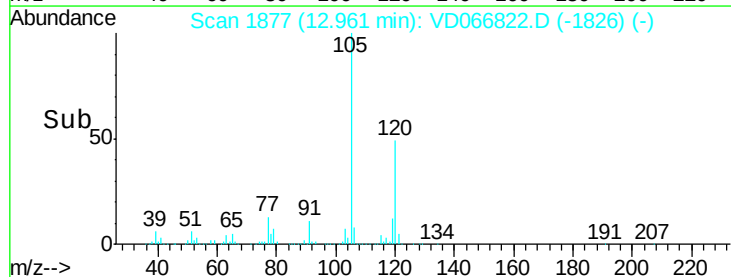
105 100

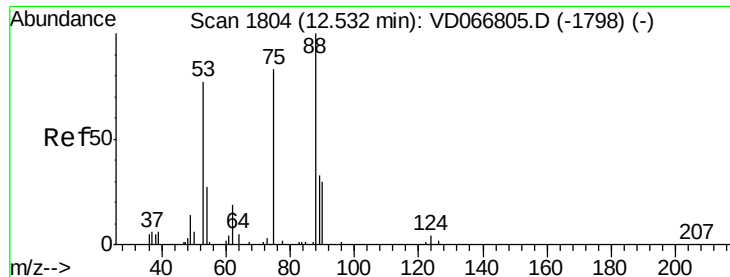
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066822.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066822.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.279 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 41663

Ion Ratio Lower Upper

75 100

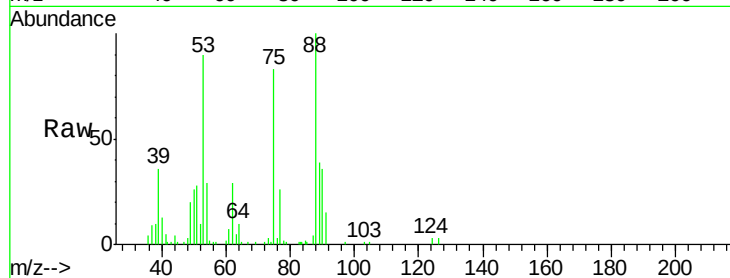
53 98.8 78.5 117.7

89 44.9 38.1 57.1

Manual Integrations
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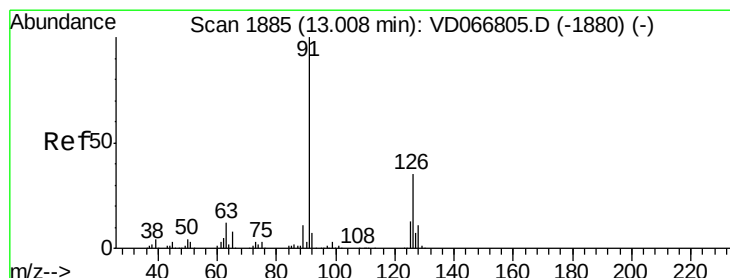
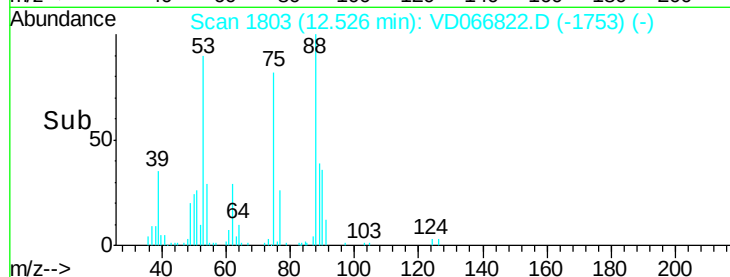
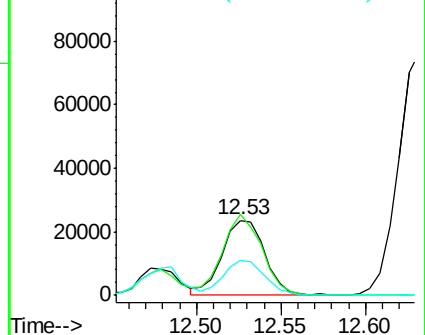
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.329 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066822.D

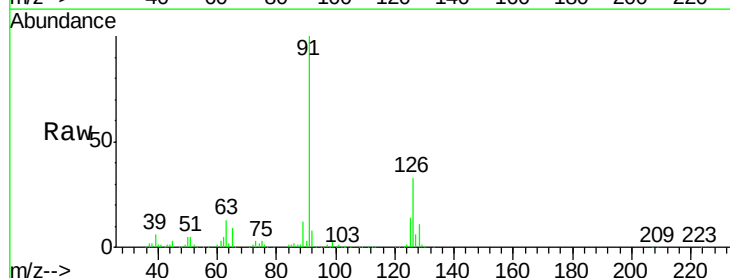
Acq: 22 Sep 2020 20:25

Tgt Ion: 91 Resp: 761199

Ion Ratio Lower Upper

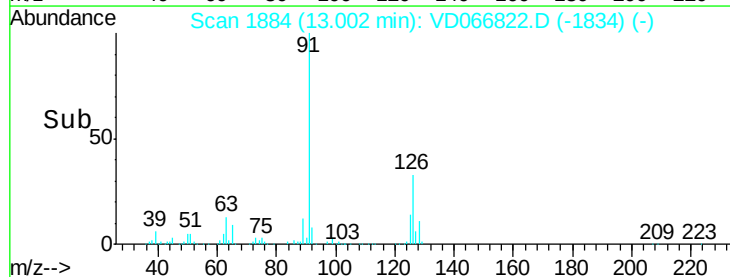
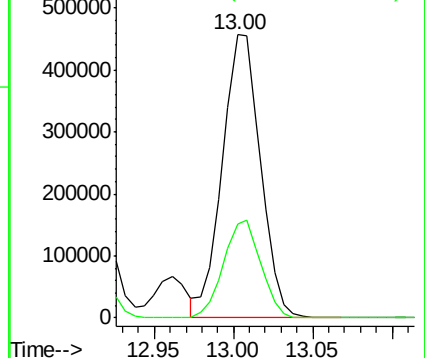
91 100

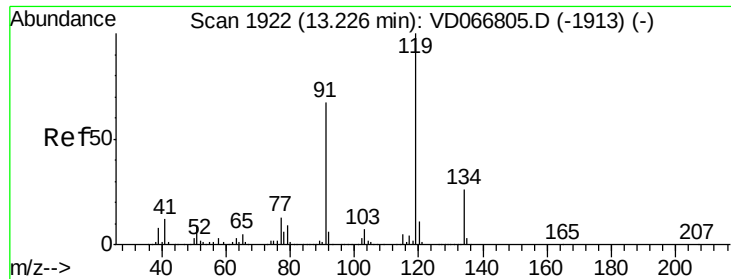
126 33.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





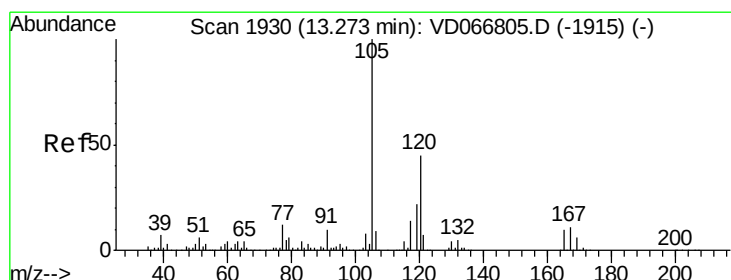
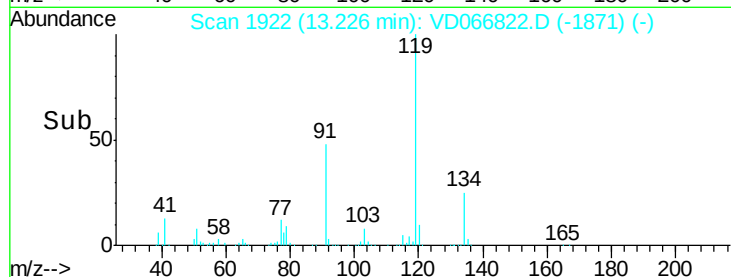
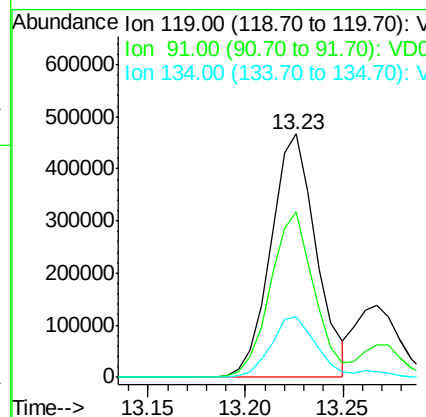
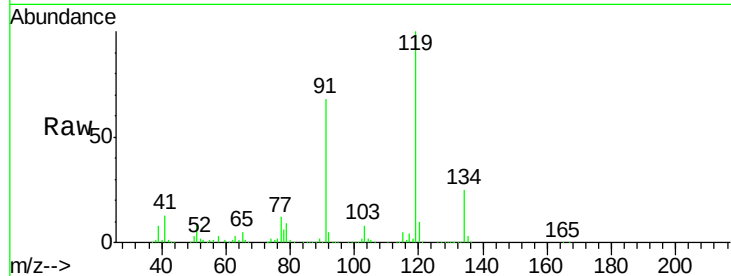
#83
 tert-Butylbenzene
 Concen: 52.537 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	751698		
91	65.2		33.6	100.8
134	25.1		13.5	40.4

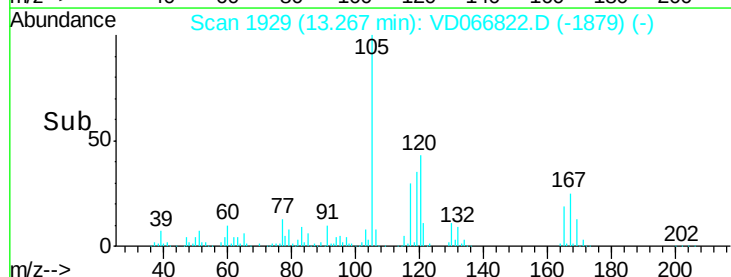
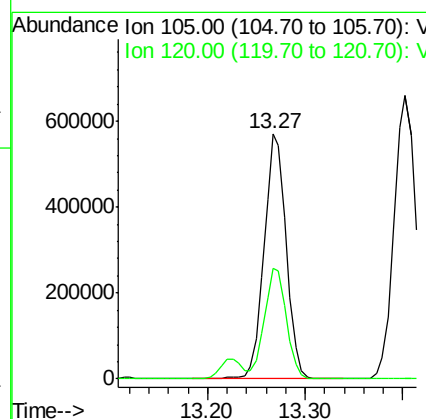
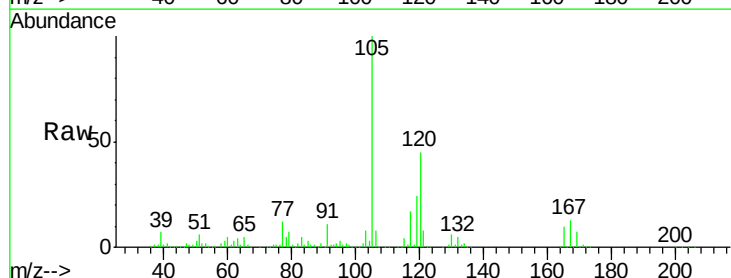
Manual Integrations
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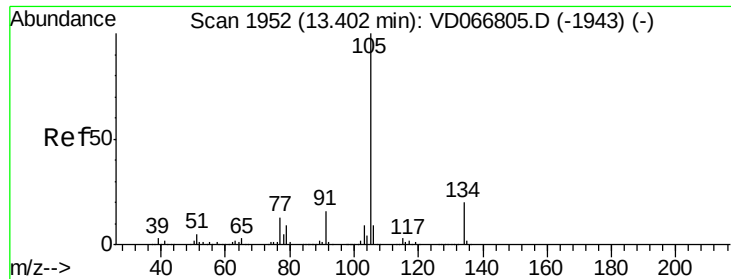
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.714 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	910162		
120	44.8		22.3	66.9





#85

sec-Butylbenzene

Concen: 50.468 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1038380

Ion Ratio Lower Upper

105 100

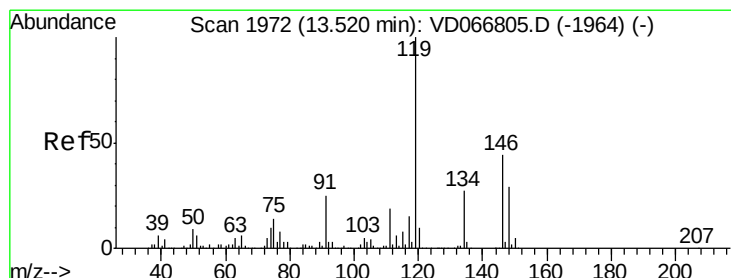
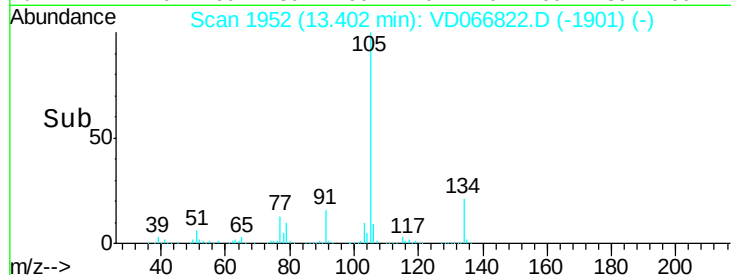
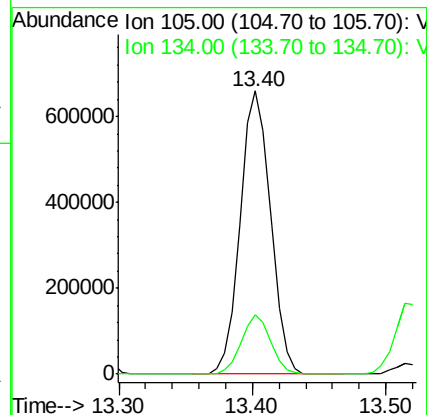
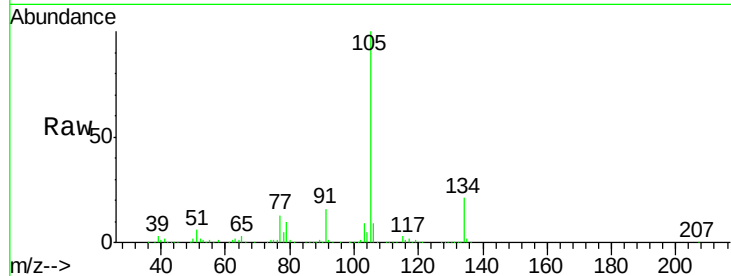
134 20.1 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.214 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

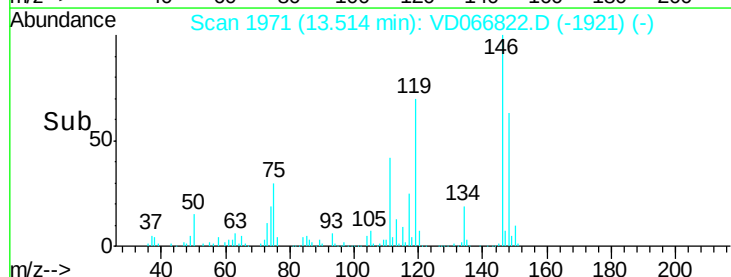
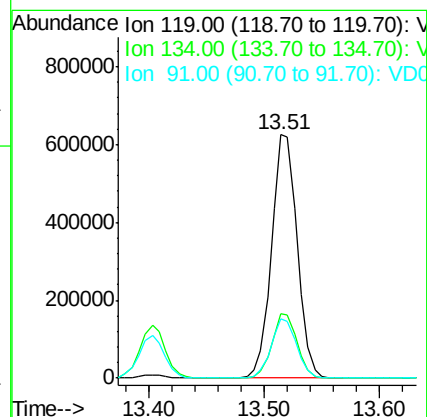
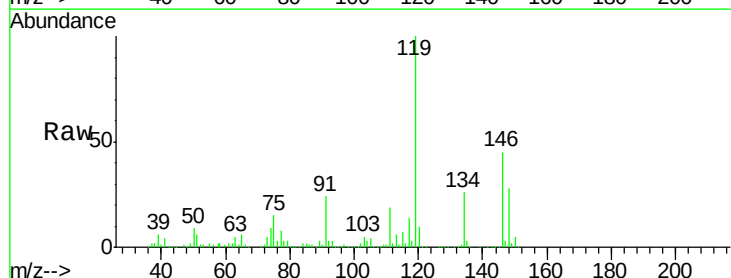
Tgt Ion:119 Resp: 968365

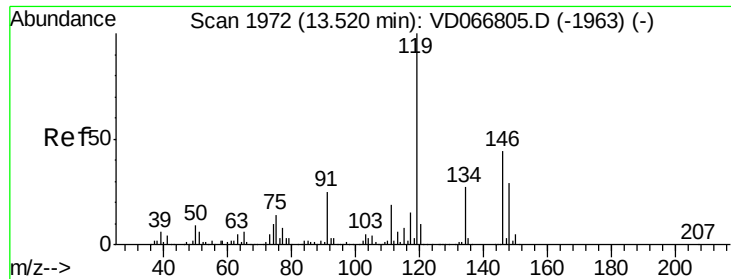
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.604 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Instrument :

MSVOA_D

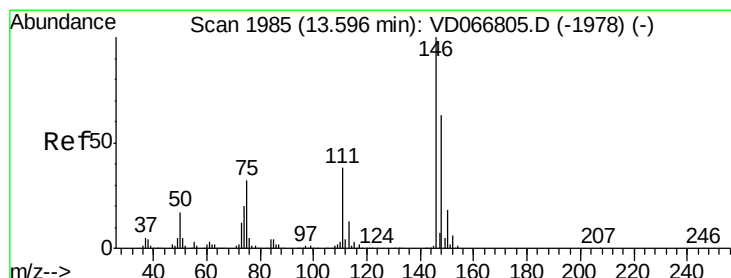
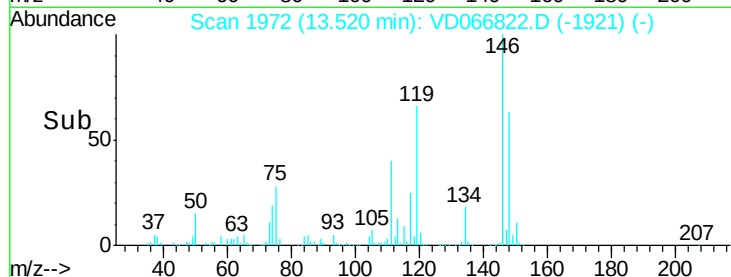
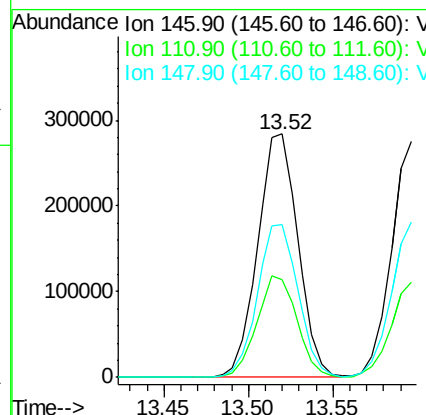
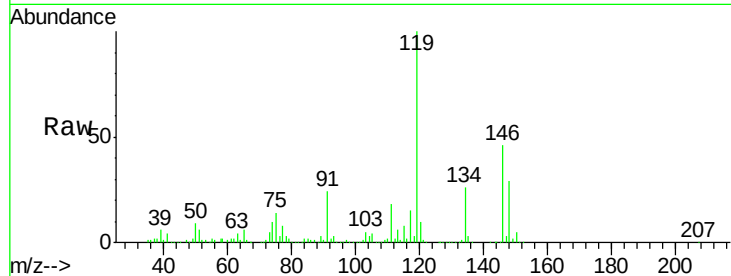
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	470335
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	60.9
148	63.8	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.502 ug/l

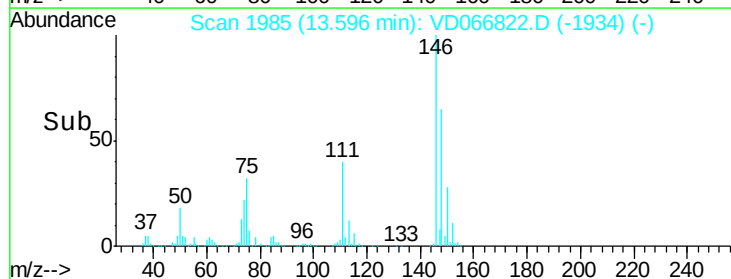
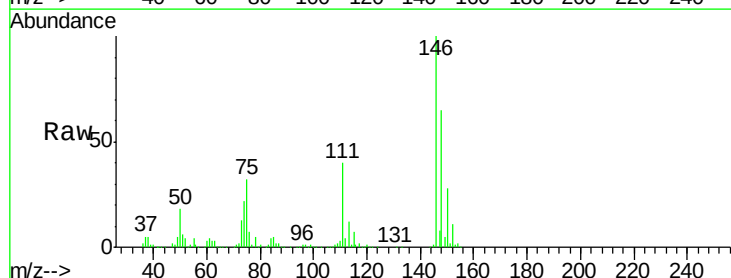
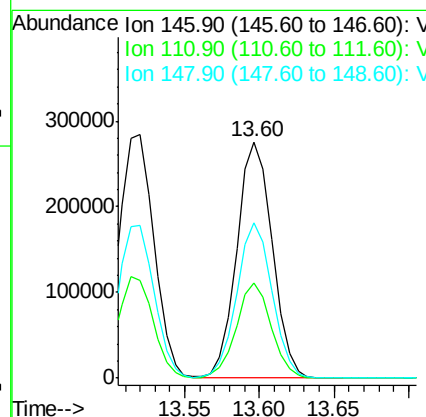
RT: 13.60 min Scan# 1985

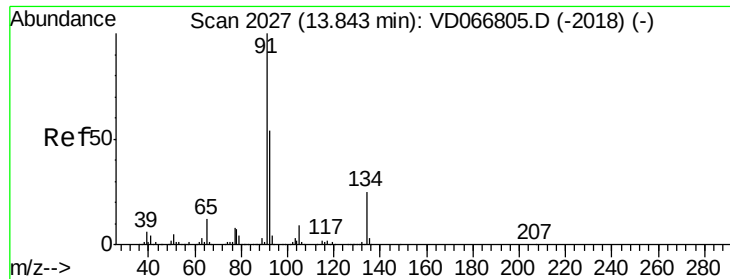
Delta R.T. 0.00 min

Lab File: VD066822.D

Acq: 22 Sep 2020 20:25

Tgt Ion:	146	Resp:	456760
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.2	60.5
148	65.4	31.6	94.7





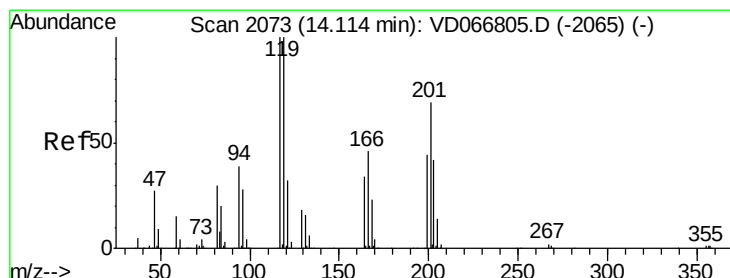
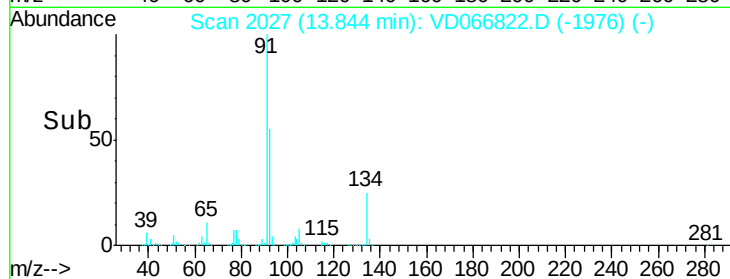
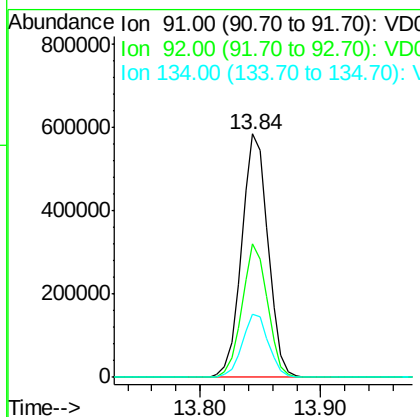
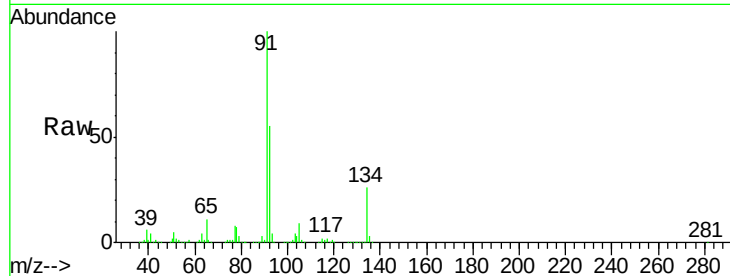
#89
n-Butylbenzene
Concen: 50.582 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	891650		
92	52.9	26.7	80.0	
134	25.9	13.1	39.1	

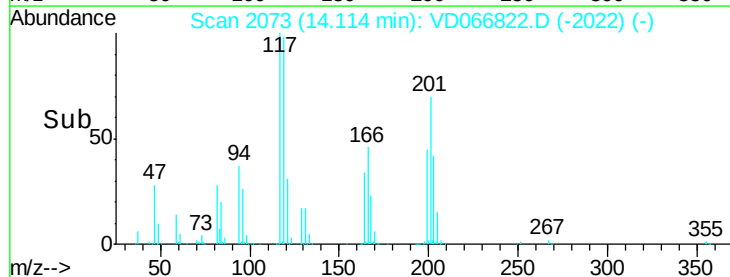
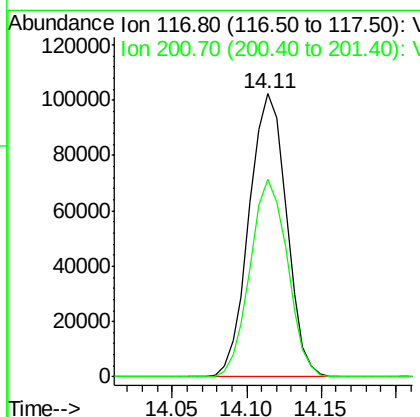
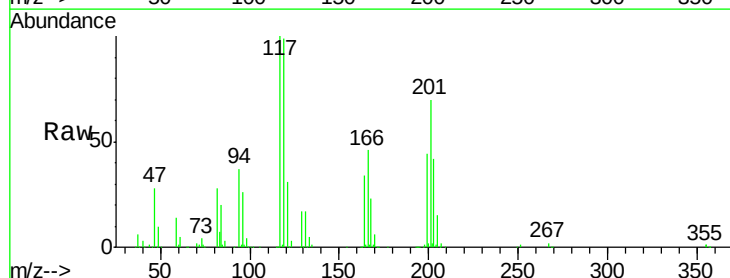
Manual Integrations
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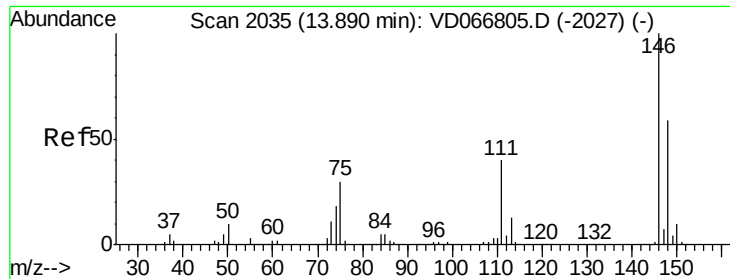
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#90
Hexachloroethane
Concen: 47.139 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177487		
201	69.6	33.7	101.0	





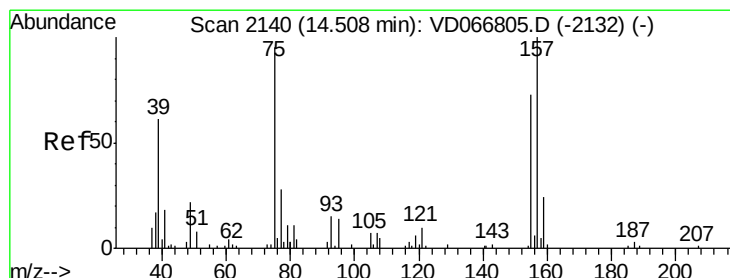
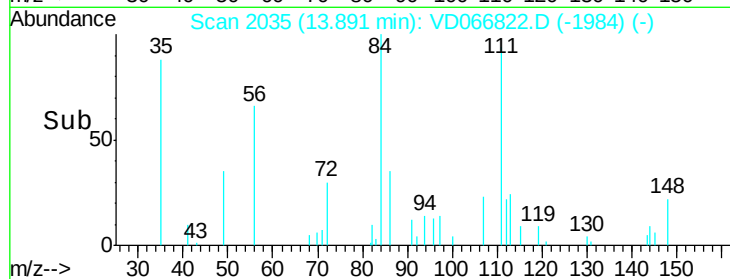
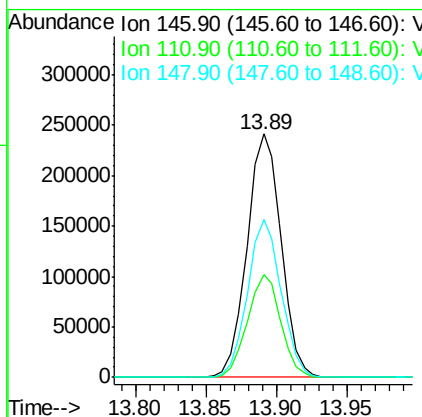
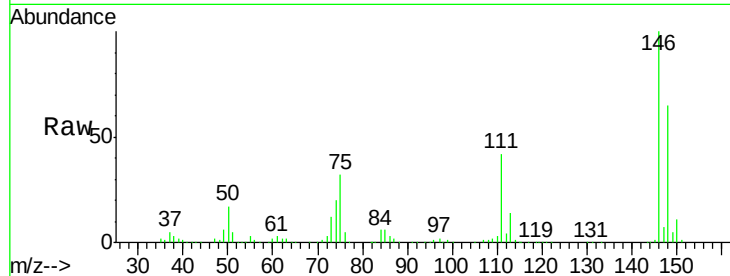
#91
 1,2-Dichlorobenzene
 Concen: 50.342 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.7
148	64.1	31.8	95.3

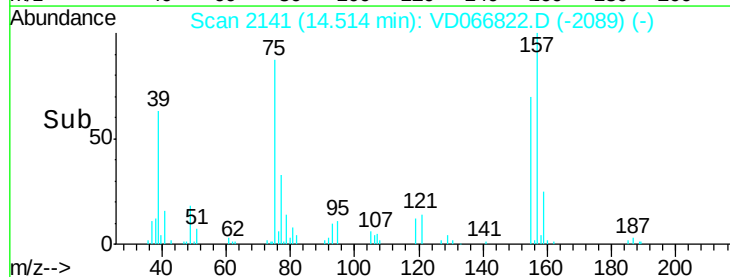
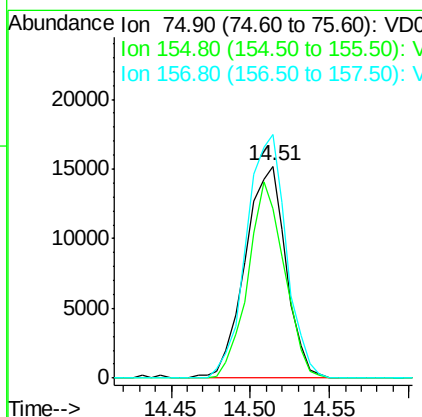
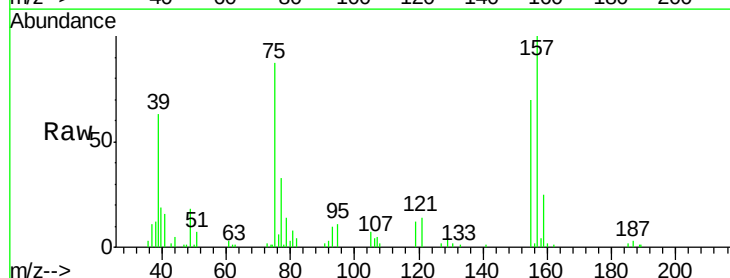
Manual Integrations
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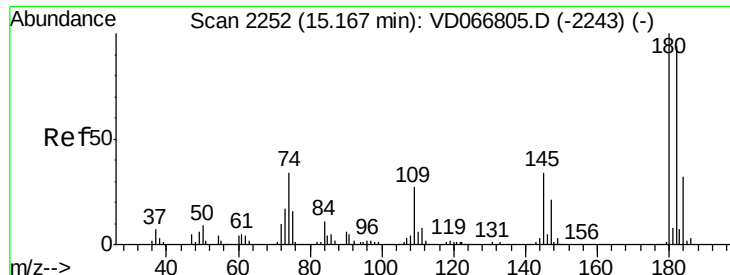
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.746 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	40.4	121.2
157	112.7	51.3	153.9





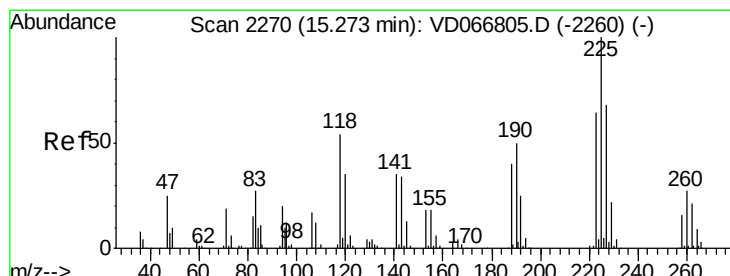
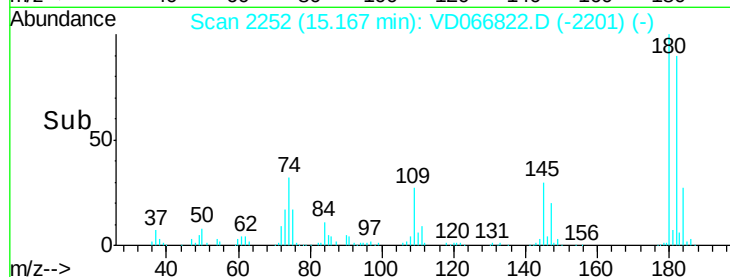
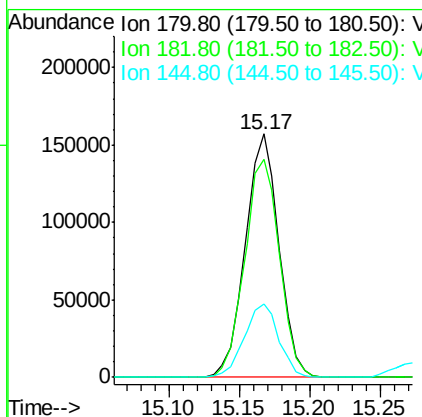
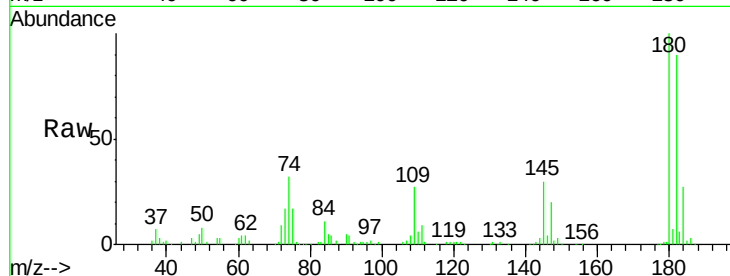
#93
 1,2,4-Trichlorobenzene
 Concen: 51.332 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262136		
182	92.9	48.8	146.3	
145	31.1	16.7	50.0	

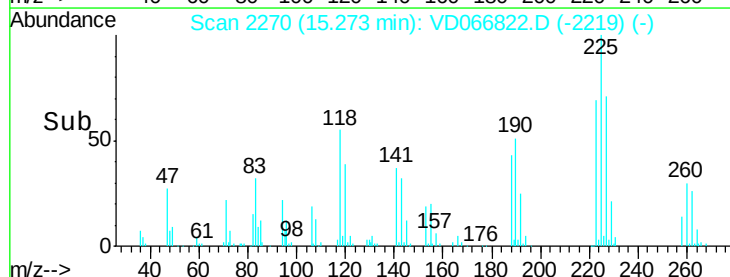
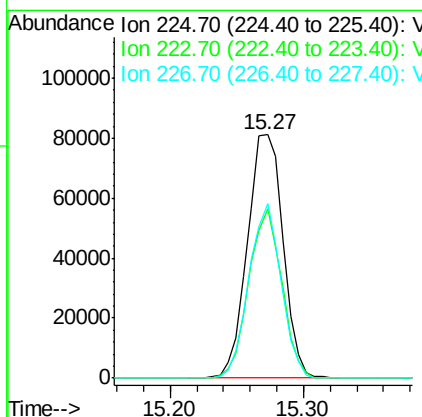
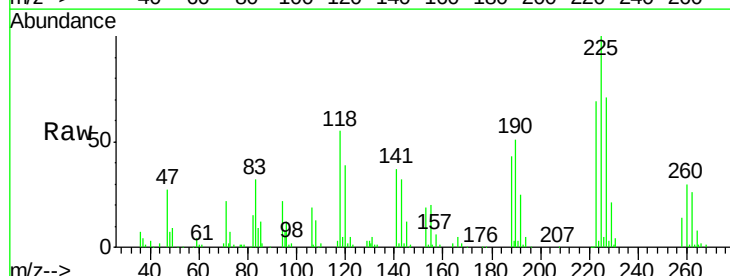
Manual Integrations
 APPROVED

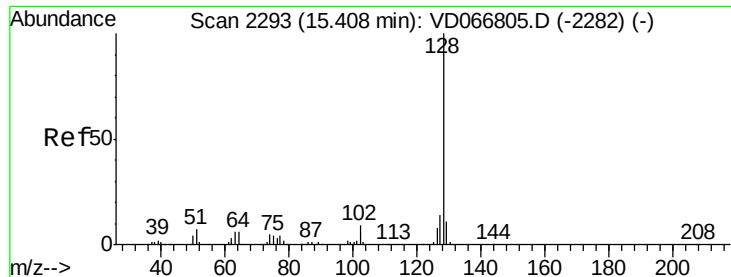
MMDadoda
 9/23/2020 1:05:12 PM



#94
 Hexachlorobutadiene
 Concen: 48.797 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066822.D
 Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149326		
223	64.3	31.1	93.3	
227	64.7	31.7	95.1	





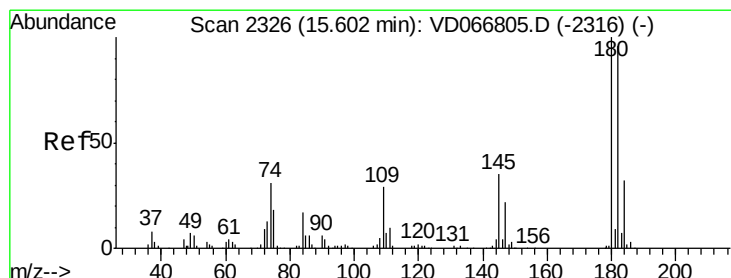
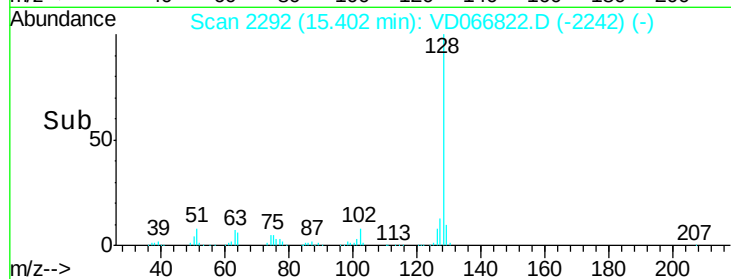
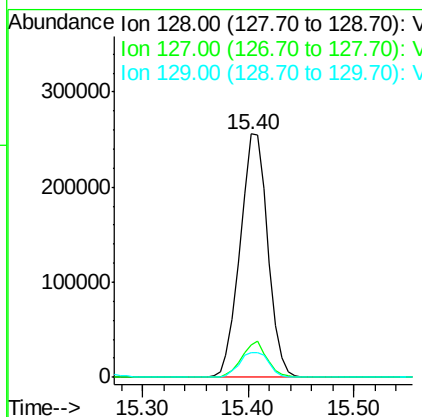
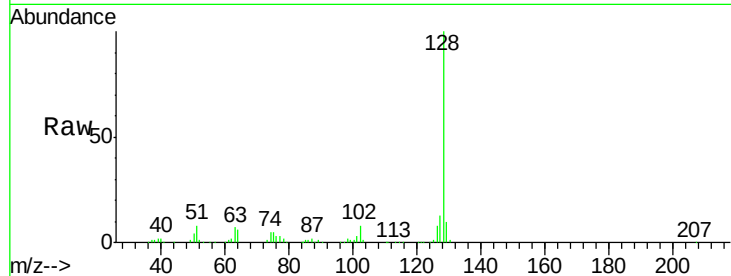
#95
Naphthalene
Concen: 53.676 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	465365		
127	13.5	10.6	16.0	
129	11.1	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:05:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.702 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066822.D
Acq: 22 Sep 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227882		
182	93.6	46.8	140.3	
145	34.5	17.0	51.0	

