

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066250.D
 Acq On : 17 Aug 2020 11:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:08:46 AM

Quant Time: Aug 17 14:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	294455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	420935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	378290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	125546	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.91	113	127292	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.33	98	485482	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.63	95	164777	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	107796	41.552	ug/l	96
3) Chloromethane	2.21	50	87035	43.128	ug/l	97
4) Vinyl Chloride	2.35	62	91492	51.209	ug/l	97
5) Bromomethane	2.77	94	60961	51.429	ug/l	98
6) Chloroethane	2.92	64	54631	49.814	ug/l	91
7) Trichlorofluoromethane	3.27	101	231349	49.668	ug/l	95
8) Diethyl Ether	3.71	74	59839	45.530	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	136493	49.377	ug/l	99
10) Methyl Iodide	4.30	142	141211	55.290	ug/l	99
11) Tert butyl alcohol	5.22	59	41588	205.203	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	124237	47.642	ug/l	98
13) Acrolein	3.91	56	46074	220.342	ug/l	96
14) Allyl chloride	4.71	41	184015	46.579	ug/l	96
15) Acrylonitrile	5.42	53	129239	233.355	ug/l	100
16) Acetone	4.16	43	151217	303.374	ug/l	99
17) Carbon Disulfide	4.40	76	346219	41.756	ug/l	99
18) Methyl Acetate	4.71	43	55964	44.202	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	290989	48.684	ug/l	100
20) Methylene Chloride	4.96	84	139157	48.470	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	142152	47.452	ug/l	95
22) Diisopropyl ether	6.36	45	359293	45.990	ug/l	97
23) Vinyl Acetate	6.30	43	1067920	233.331	ug/l	98
24) 1,1-Dichloroethane	6.26	63	224356	46.404	ug/l	97
25) 2-Butanone	7.21	43	173003	235.979	ug/l	98
26) 2,2-Dichloropropane	7.20	77	227350	52.465	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	153888	48.976	ug/l	99
28) Bromochloromethane	7.54	49	79379	46.745	ug/l	94
29) Tetrahydrofuran	7.56	42	100334	220.893	ug/l	98
30) Chloroform	7.71	83	248751	48.998	ug/l	94
31) Cyclohexane	7.98	56	201222	43.722	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	245008	51.472	ug/l	99
36) 1,1-Dichloropropene	8.10	75	195003	49.299	ug/l	99
37) Ethyl Acetate	7.29	43	74561	47.575	ug/l	96
38) Carbon Tetrachloride	8.09	117	231228	52.421	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	236481	49.457	ug/l	98
40) Benzene	8.34	78	534288	48.692	ug/l	96
41) Methacrylonitrile	7.52	41	43521	47.229	ug/l	93
42) 1,2-Dichloroethane	8.42	62	159700	49.542	ug/l	99
43) Isopropyl Acetate	8.44	43	148935	48.232	ug/l	98
44) Trichloroethene	9.11	130	164881	49.865	ug/l	96
45) 1,2-Dichloropropane	9.38	63	129392	48.214	ug/l	96
46) Dibromomethane	9.47	93	72754	49.217	ug/l	99
47) Bromodichloromethane	9.66	83	195217	49.966	ug/l	94
48) Methyl methacrylate	9.45	41	75619	47.959	ug/l	95
49) 1,4-Dioxane	9.46	88	16268	856.586	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	378982	238.936	ug/l	100
52) Toluene	10.40	92	360834	49.974	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	186921	50.414	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	219791	50.595	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	103203	48.484	ug/l	99
56) Ethyl methacrylate	10.66	69	127185	49.739	ug/l	96
57) 1,3-Dichloropropane	10.94	76	173208	49.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	305801	265.868	ug/l	100
59) 2-Hexanone	10.98	43	276831	248.687	ug/l	98
60) Dibromochloromethane	11.14	129	145295	49.442	ug/l	98
61) 1,2-Dibromoethane	11.24	107	100228	48.961	ug/l	99
64) Tetrachloroethene	10.87	164	146258	50.350	ug/l	96
65) Chlorobenzene	11.67	112	391632	50.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152567	50.776	ug/l	99
67) Ethyl Benzene	11.74	91	685619	51.520	ug/l	98
68) m/p-Xylenes	11.85	106	525870	101.993	ug/l	97
69) o-Xylene	12.18	106	240551	51.288	ug/l	99
70) Styrene	12.20	104	420247	51.127	ug/l	99
71) Bromoform	12.36	173	85723	48.153	ug/l #	98
73) Isopropylbenzene	12.48	105	699533	54.254	ug/l	99
74) N-amyl acetate	12.29	43	134766	47.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	105907	48.170	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	70065m	43.497	ug/l	
77) Bromobenzene	12.76	156	165163	49.761	ug/l	97
78) n-propylbenzene	12.82	91	805453	53.740	ug/l	100
79) 2-Chlorotoluene	12.91	91	448645	52.337	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	585712	54.318	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	37465	51.415	ug/l	97
82) 4-Chlorotoluene	13.01	91	475144	52.507	ug/l	100
83) tert-Butylbenzene	13.23	119	516660	54.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	582805	54.007	ug/l	99
85) sec-Butylbenzene	13.40	105	697893	54.509	ug/l	99
86) p-Isopropyltoluene	13.52	119	650511	54.171	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	322268	51.661	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	317909	51.101	ug/l	99
89) n-Butylbenzene	13.85	91	596685	55.459	ug/l	100
90) Hexachloroethane	14.11	117	125720	52.493	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	282903	51.280	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18229	48.242	ug/l	98

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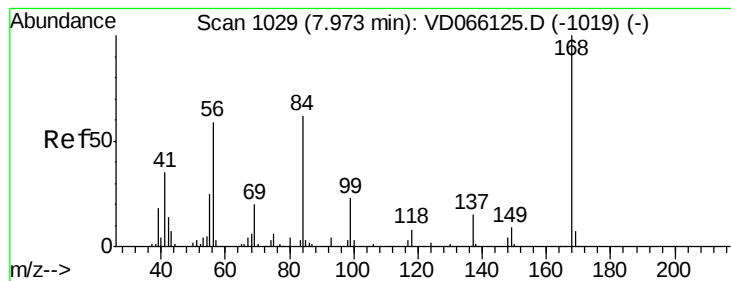
Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:08:46 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	213112	52.419	ug/l	98
94) Hexachlorobutadiene	15.27	225	134660	56.248	ug/l	96
95) Naphthalene	15.41	128	347129	52.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185705	51.743	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 294455

Ion Ratio Lower Upper

168 100

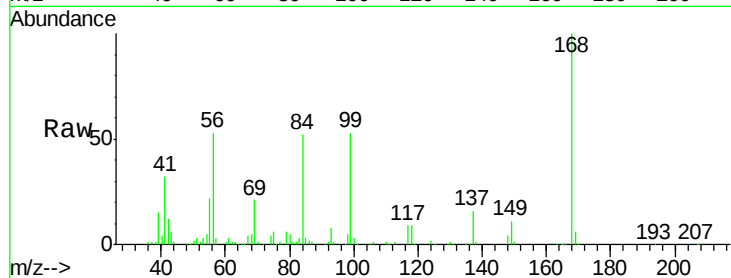
99 53.0 42.2 63.4

Manual Integrations

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8/18/2020 11:08:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

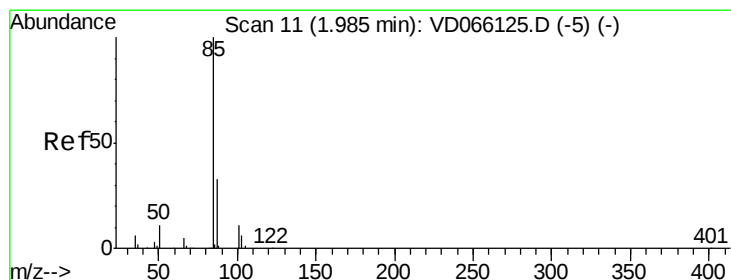
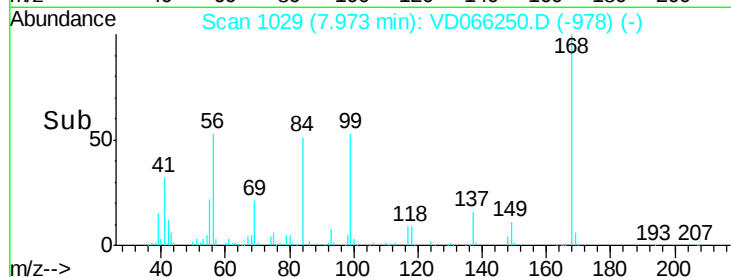
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.552 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066250.D

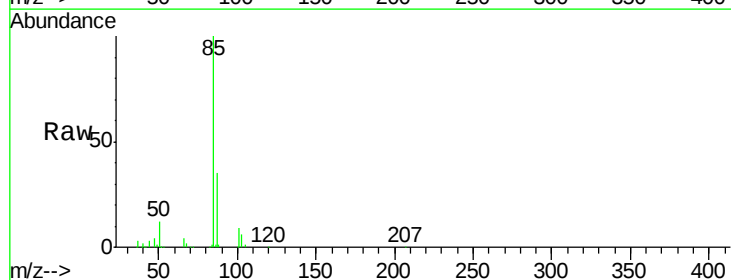
Acq: 17 Aug 2020 11:42

Tgt Ion: 85 Resp: 107796

Ion Ratio Lower Upper

85 100

87 34.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

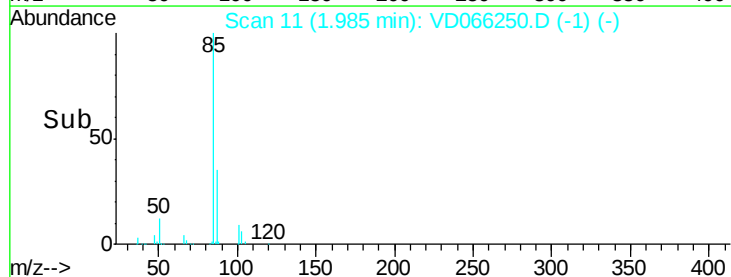
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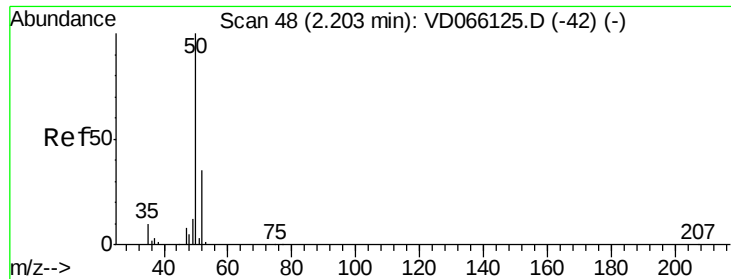
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 43.128 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 87035

Ion Ratio Lower Upper

50 100

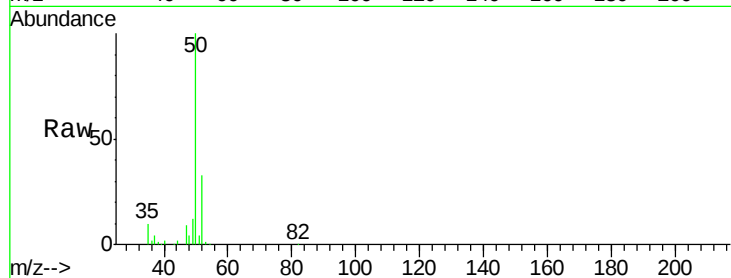
52 33.3 27.9 41.9

Manual Integrations

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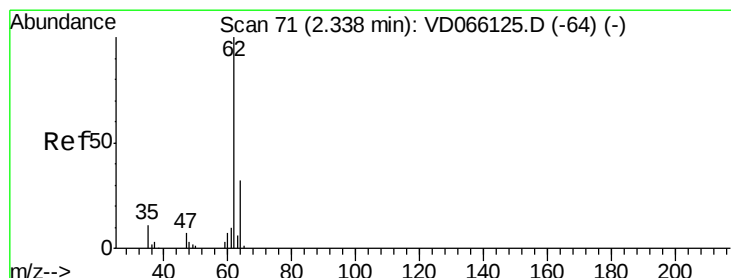
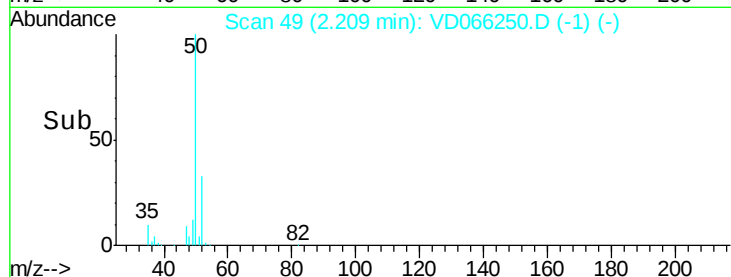
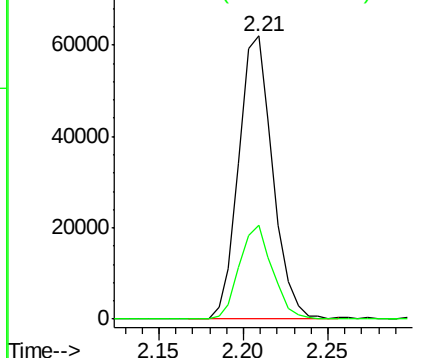
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.209 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066250.D

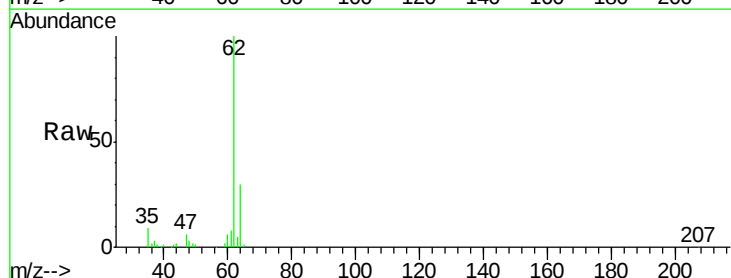
Acq: 17 Aug 2020 11:42

Tgt Ion: 62 Resp: 91492

Ion Ratio Lower Upper

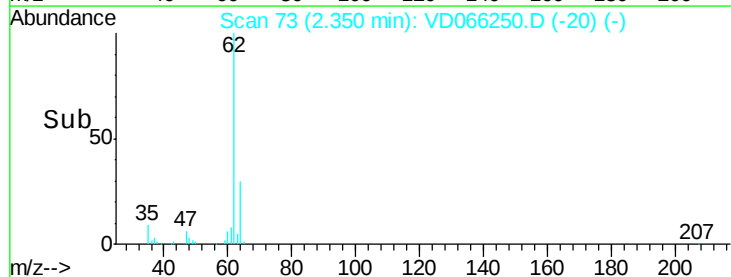
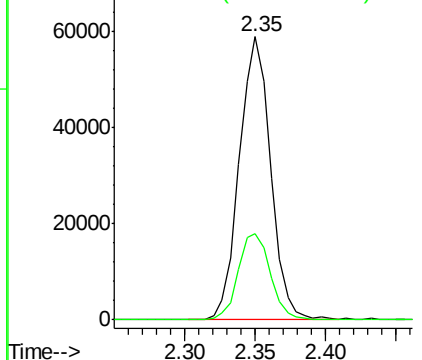
62 100

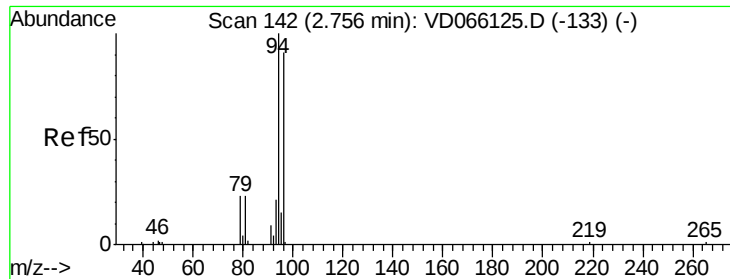
64 30.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 51.429 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60961

Ion Ratio Lower Upper

94 100

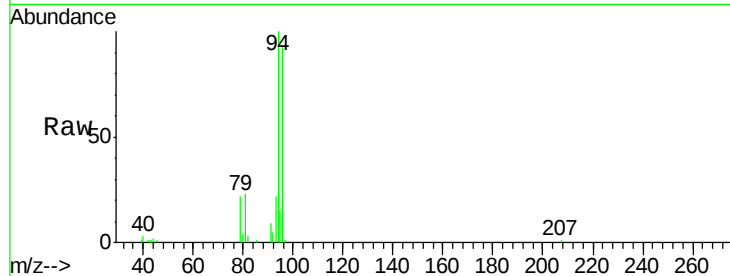
96 92.9 72.6 109.0

Manual Integrations

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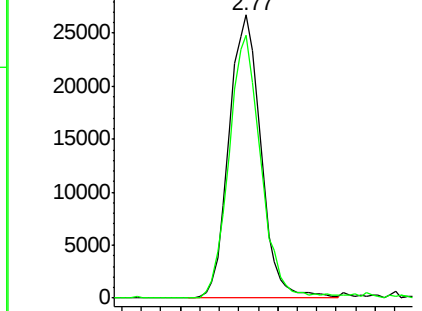
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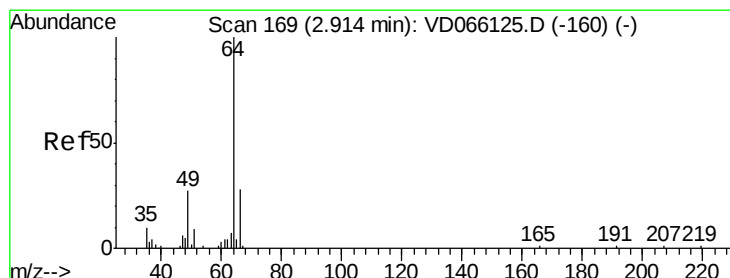
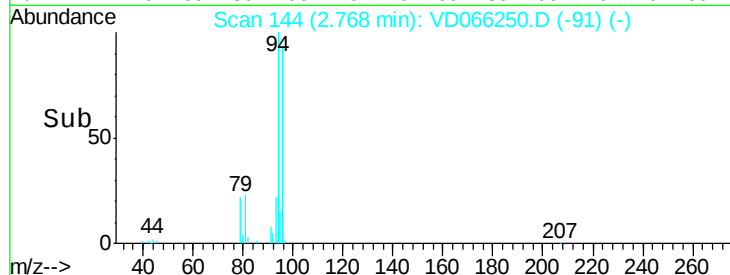


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 49.814 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066250.D

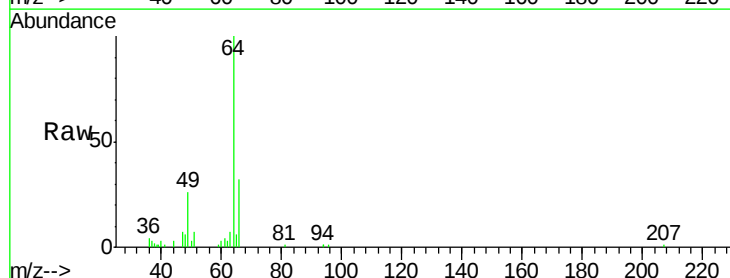
Acq: 17 Aug 2020 11:42

Tgt Ion: 64 Resp: 54631

Ion Ratio Lower Upper

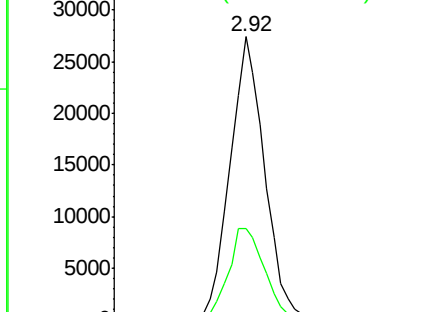
64 100

66 32.1 22.0 33.0

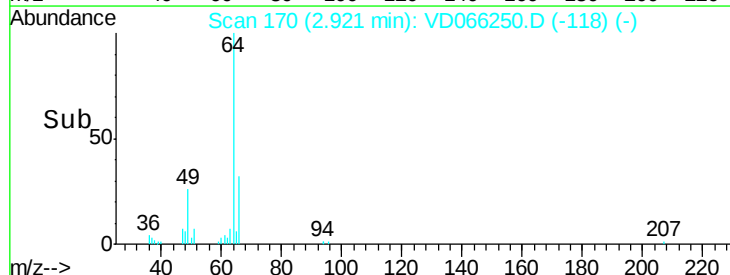


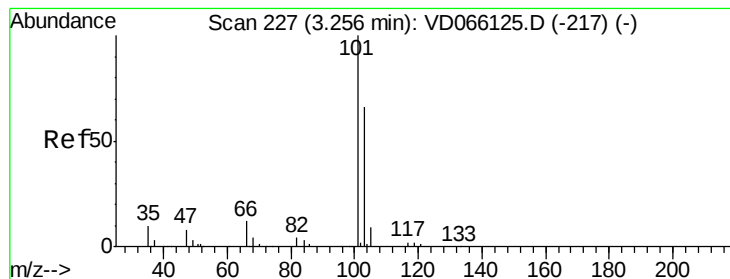
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

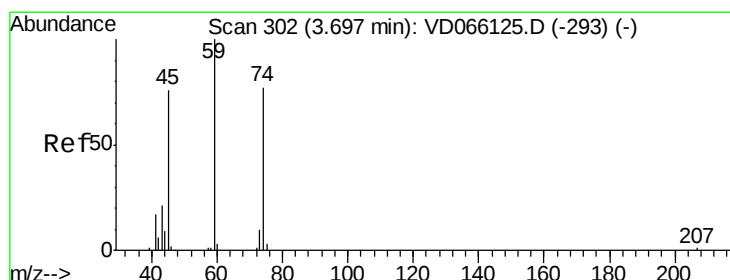
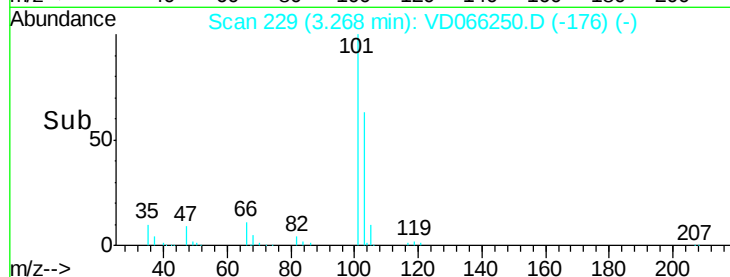
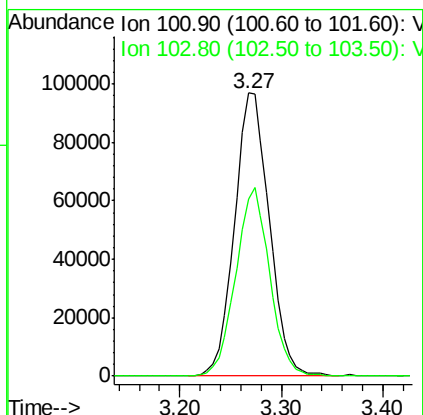
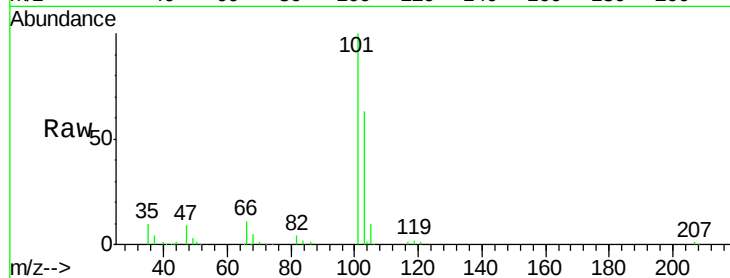
Trichlorofluoromethane
 Concen: 49.668 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	53.0	79.6

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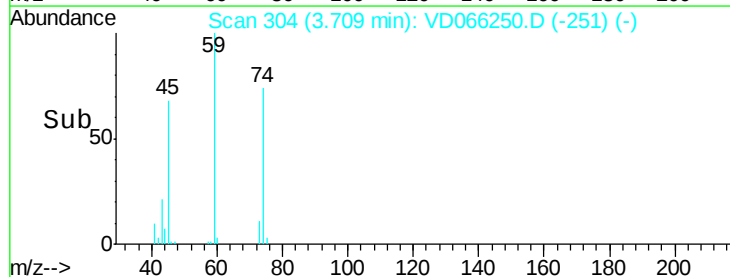
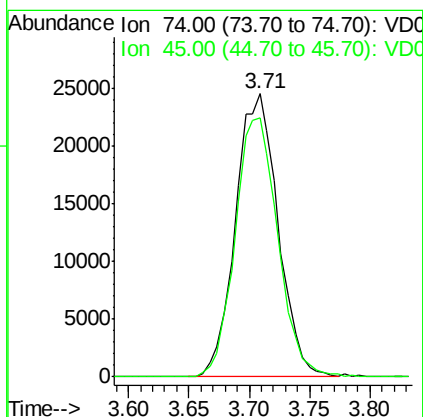
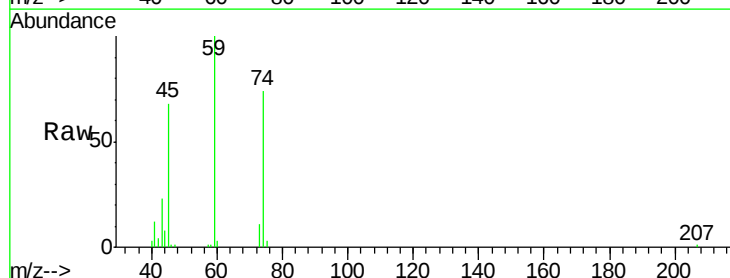
MMDadoda
 8/18/2020 11:08:46 AM

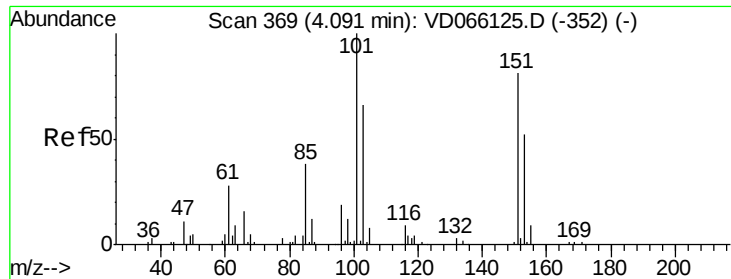


#8

Diethyl Ether
 Concen: 45.530 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.377 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

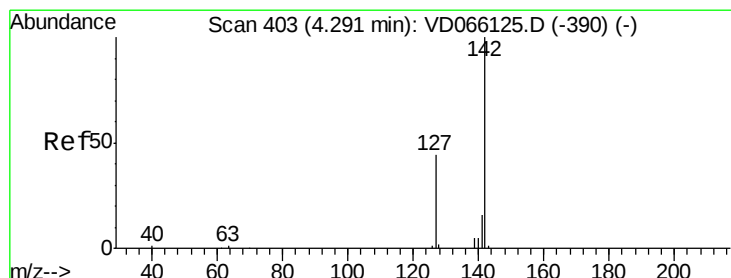
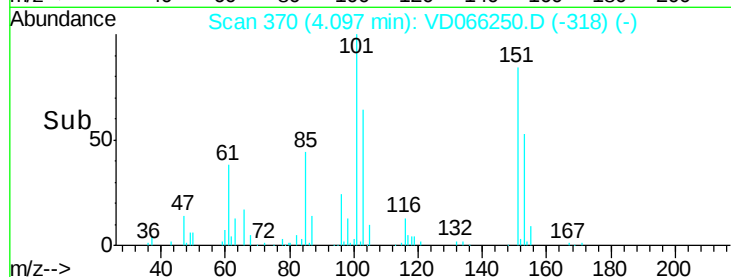
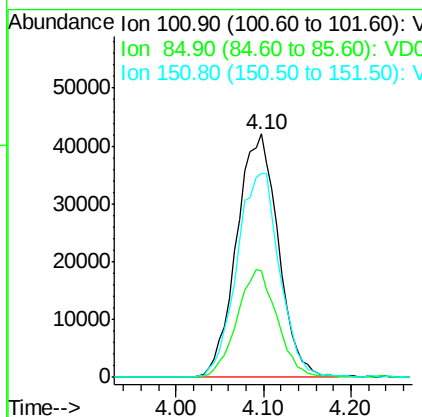
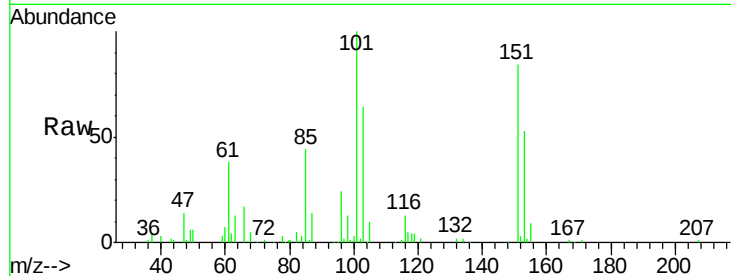
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	136493
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.5	50.3
151	86.1	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 55.290 ug/l

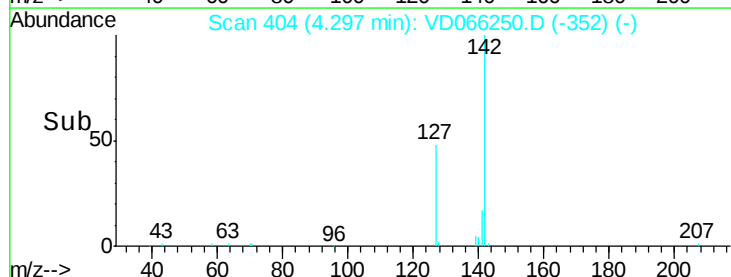
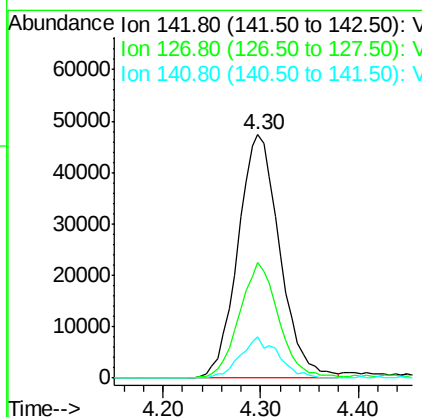
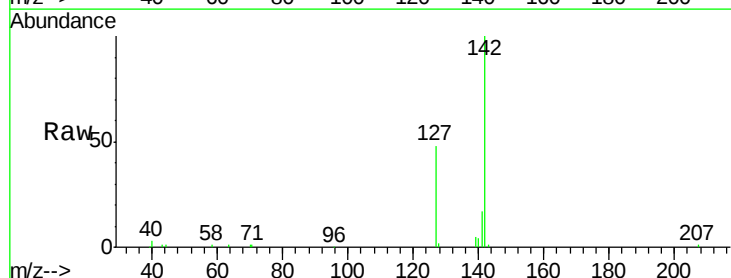
RT: 4.30 min Scan# 404

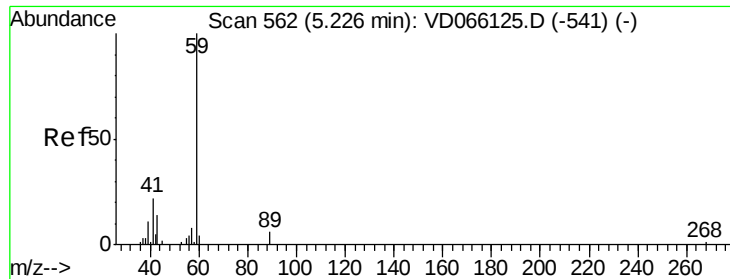
Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion:	142	Resp:	141211
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.2	54.4
141	15.4	12.6	18.8





#11

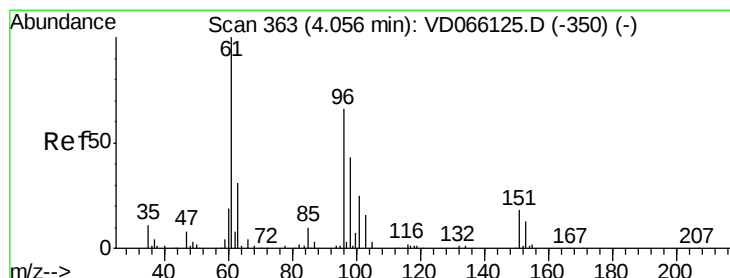
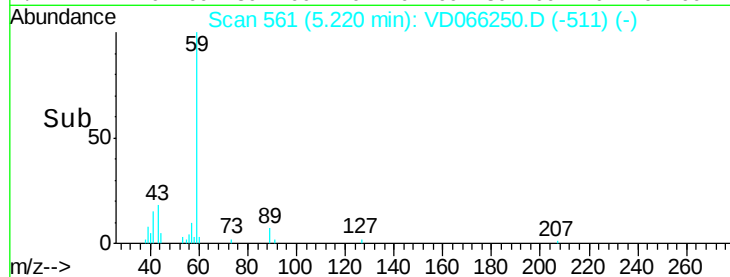
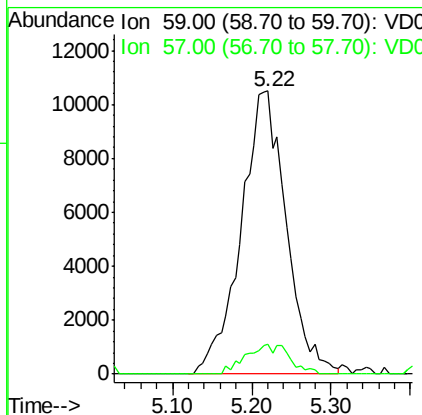
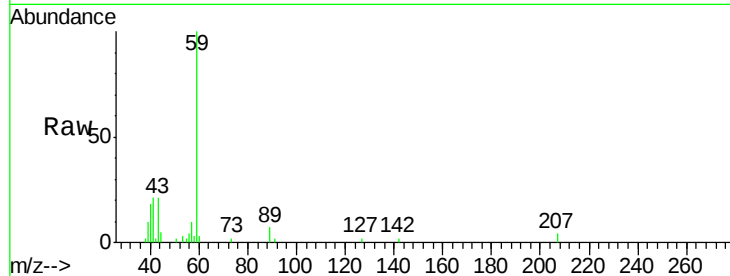
Tert butyl alcohol
 Concen: 205.203 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	41588		
57	57	6.3		7.0	10.4#

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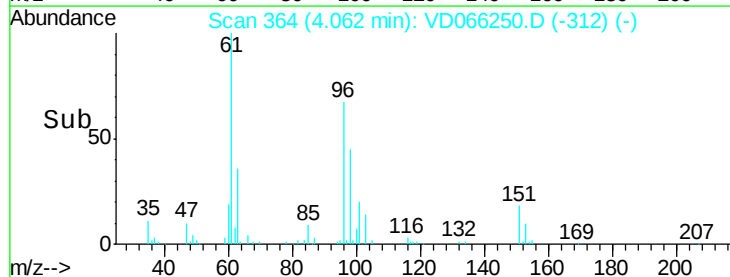
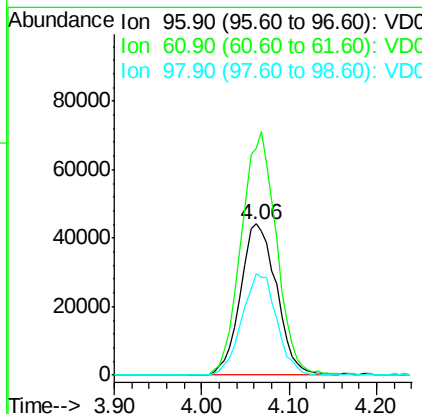
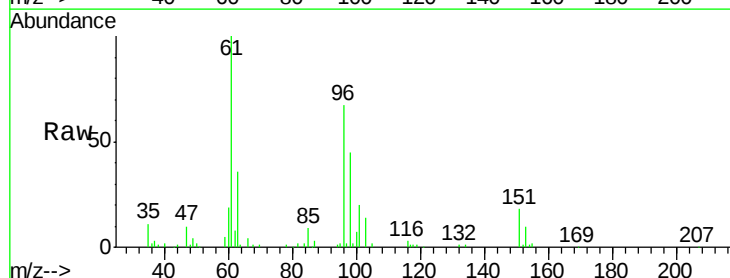
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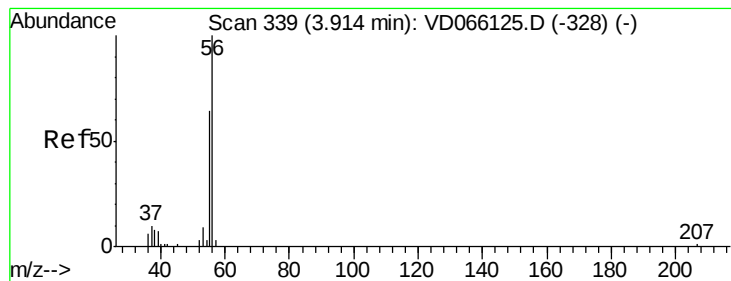


#12

1,1-Dichloroethene
 Concen: 47.642 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	124237		
61	61	150.4		121.6	182.4
98	98	67.3		52.0	78.0





#13

Acrolein

Concen: 220.342 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46074

Ion Ratio Lower Upper

56 100

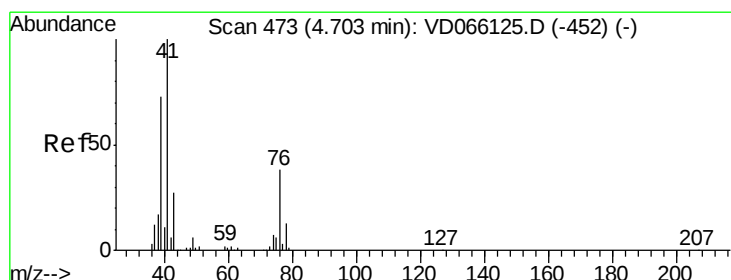
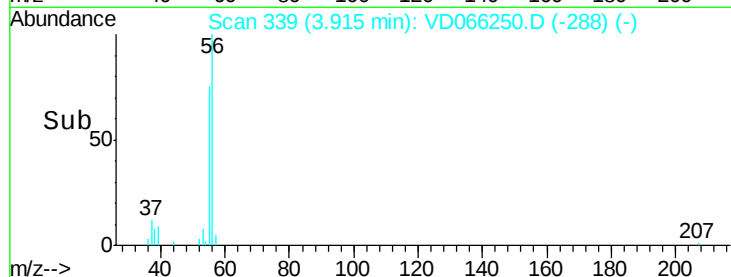
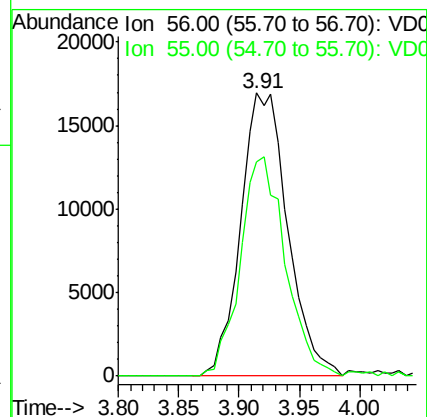
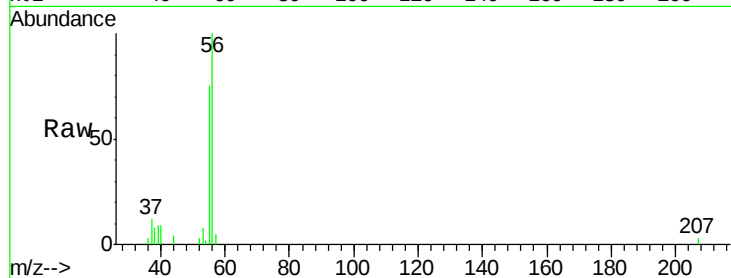
55 74.2 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 46.579 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

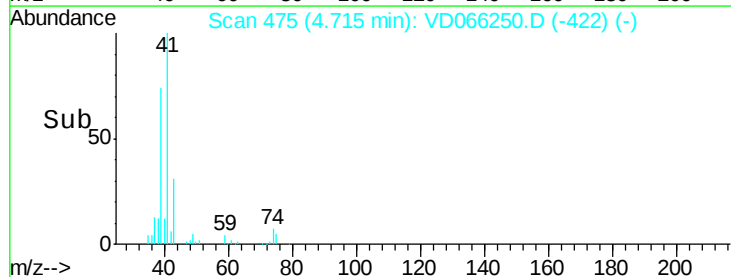
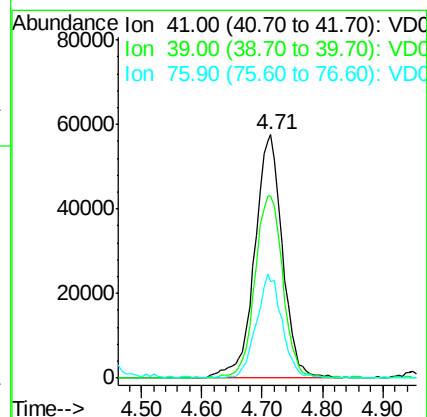
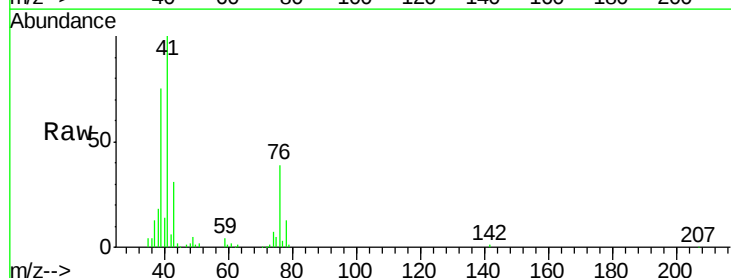
Tgt Ion: 41 Resp: 184015

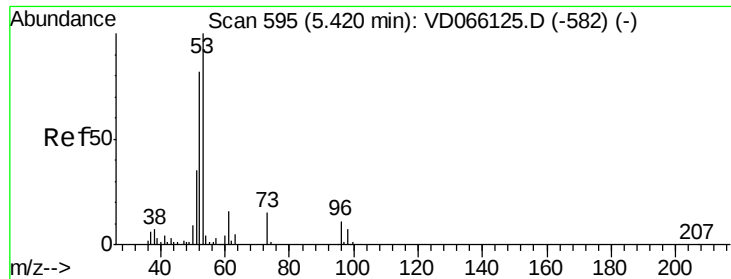
Ion Ratio Lower Upper

41 100

39 75.3 57.4 86.0

76 39.7 30.1 45.1





#15

Acrylonitrile

Concen: 233.355 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

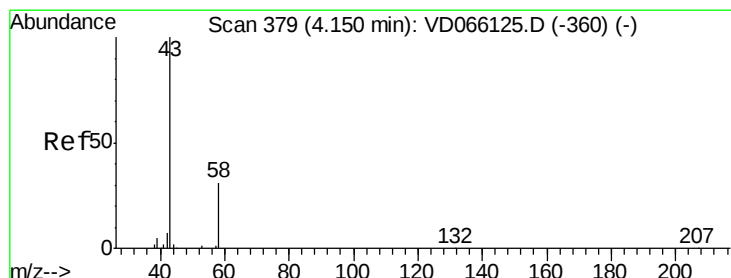
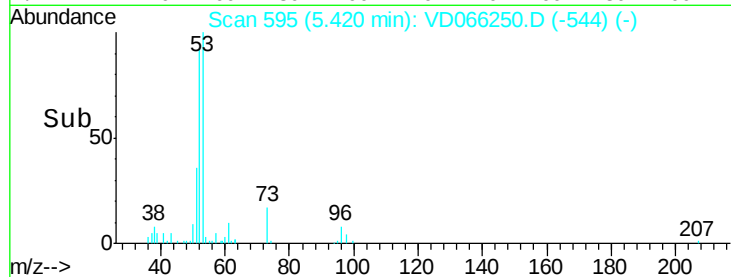
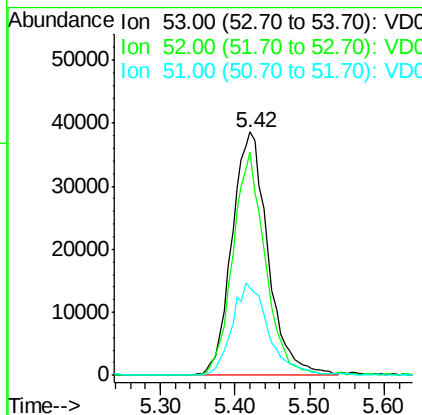
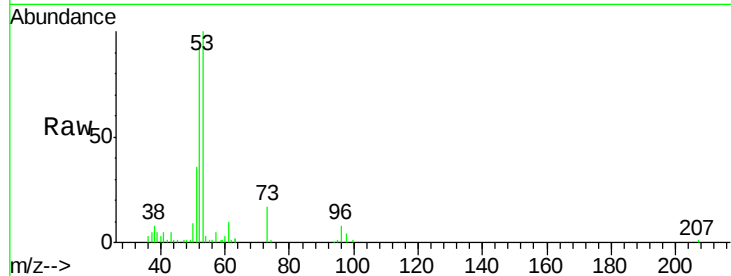
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	129239
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	38.6	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 303.374 ug/l

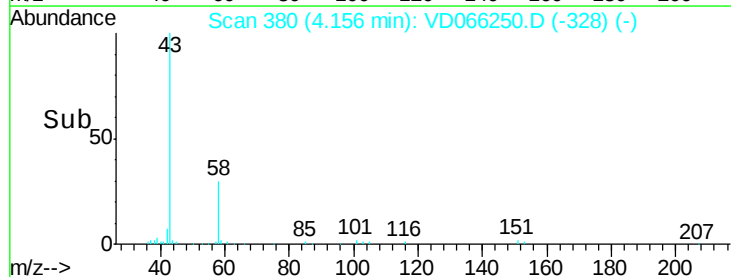
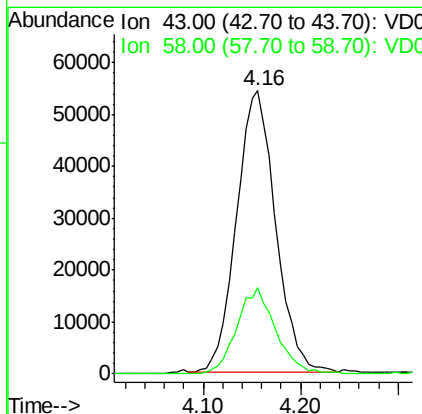
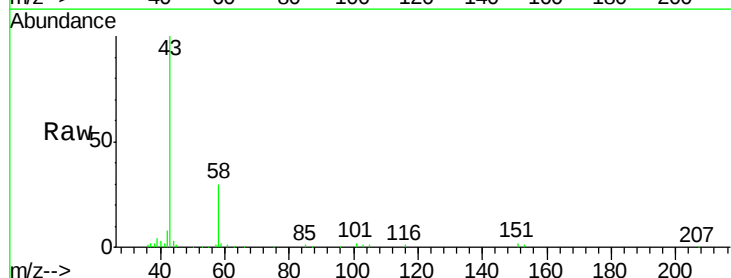
RT: 4.16 min Scan# 380

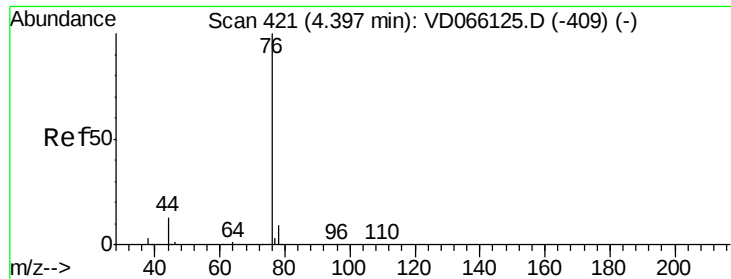
Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion:	43	Resp:	151217
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.7	37.1





#17

Carbon Disulfide

Concen: 41.756 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 346219

Ion Ratio Lower Upper

76 100

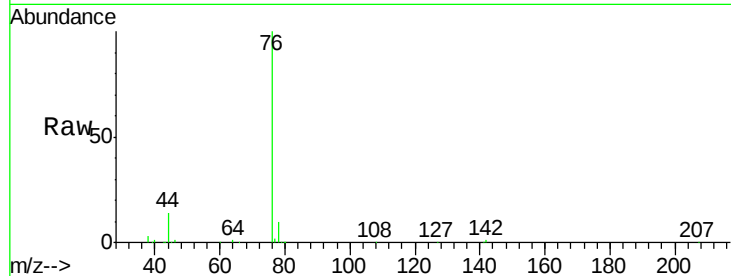
78 9.7 7.5 11.3

Manual Integrations

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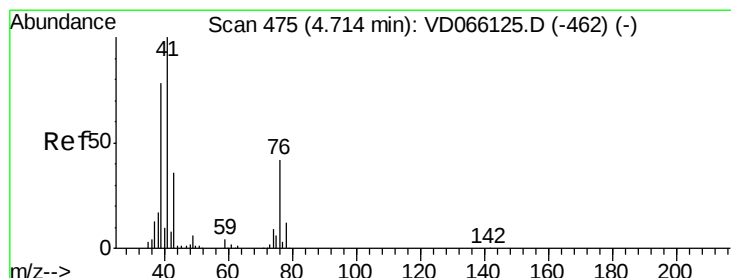
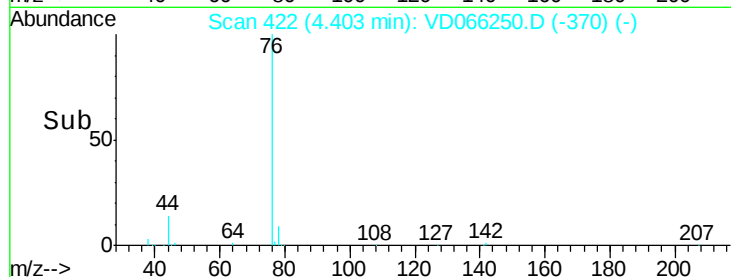
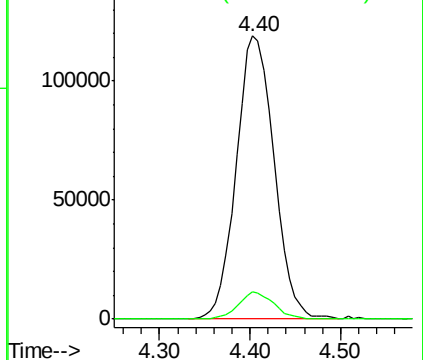
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 44.202 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066250.D

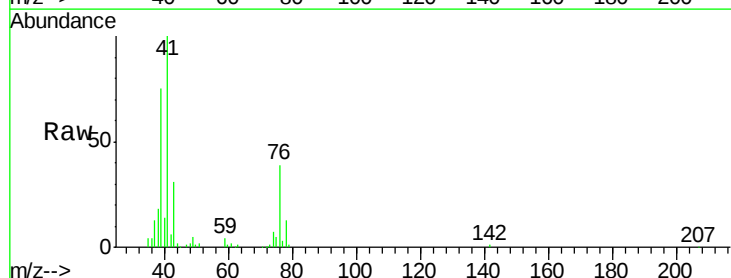
Acq: 17 Aug 2020 11:42

Tgt Ion: 43 Resp: 55964

Ion Ratio Lower Upper

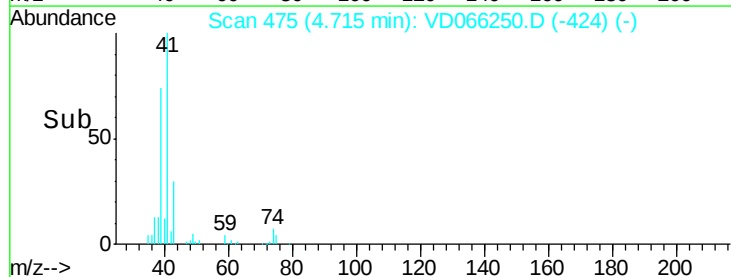
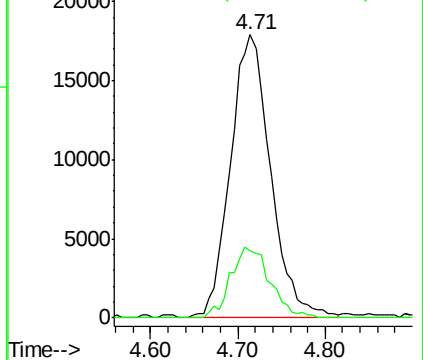
43 100

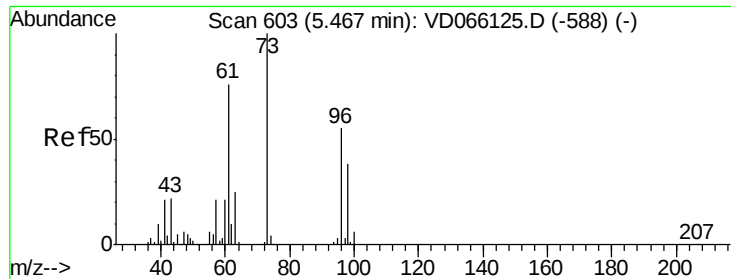
74 24.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





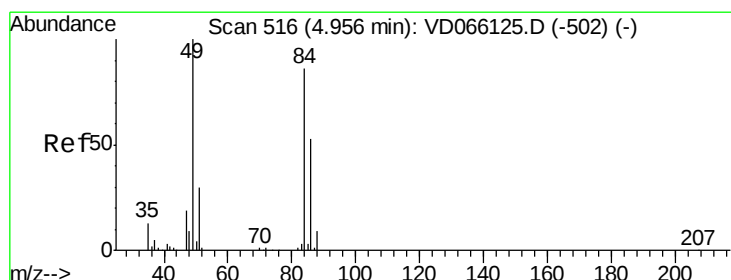
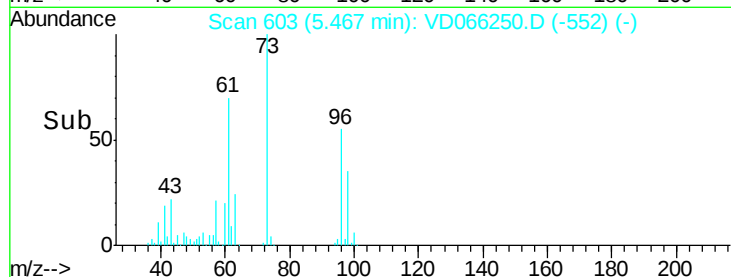
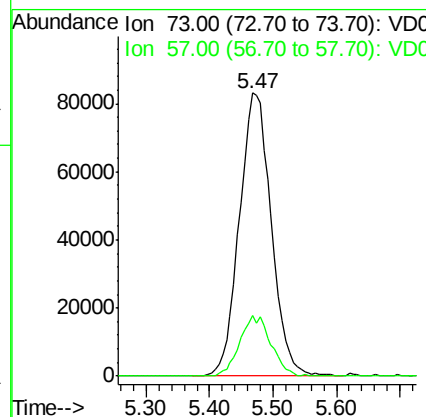
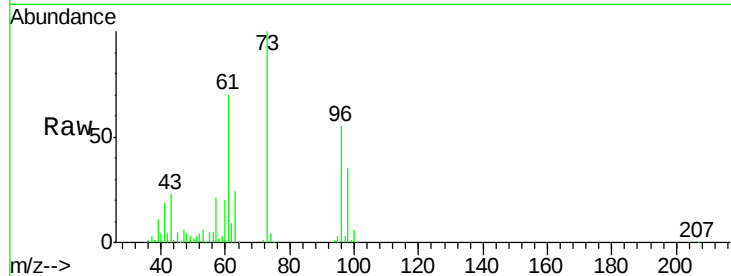
#19
Methvl tert-butvl Ether
Concen: 48.684 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7

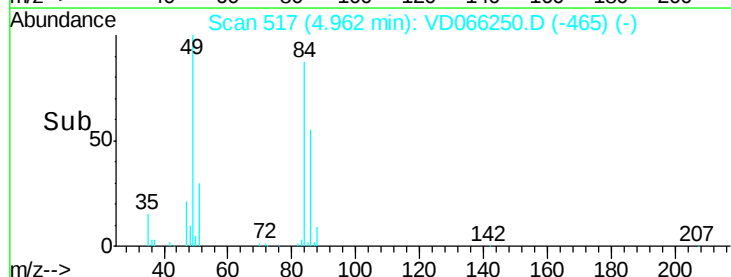
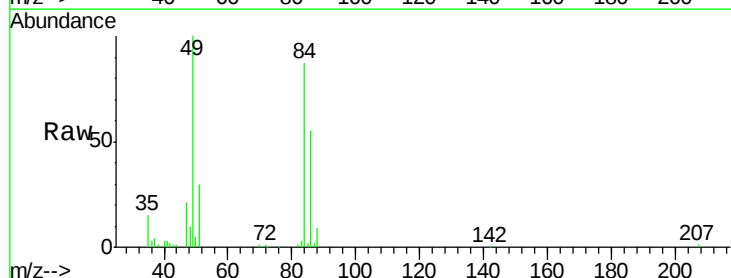
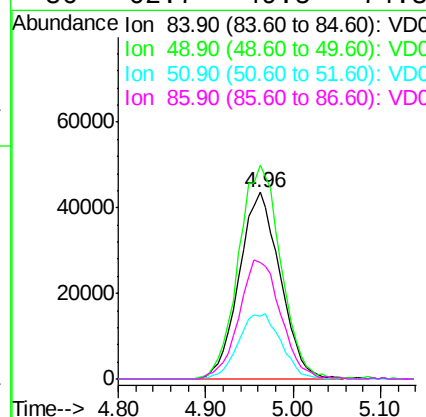
Manual Integrations
APPROVED

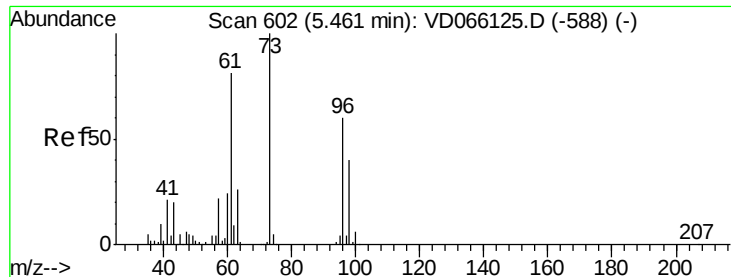
MMDadoda
8/18/2020 11:08:46 AM



#20
Methylene Chloride
Concen: 48.470 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.5	93.5	140.3
51	33.9	28.2	42.4
86	62.7	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 47.452 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

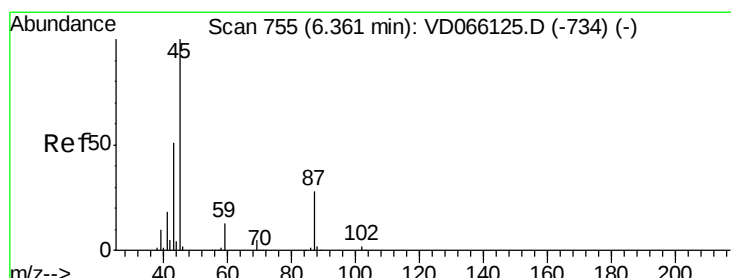
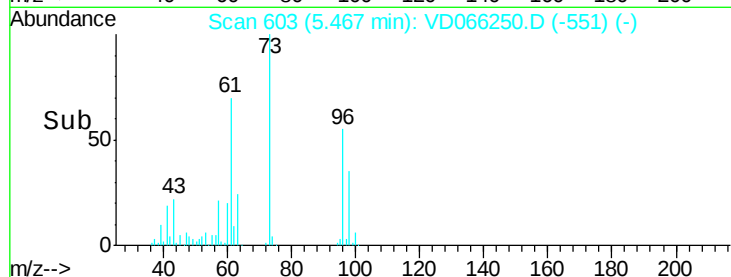
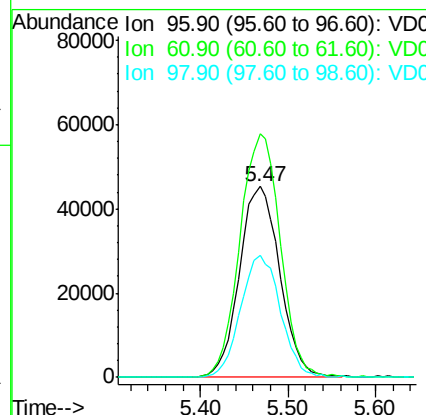
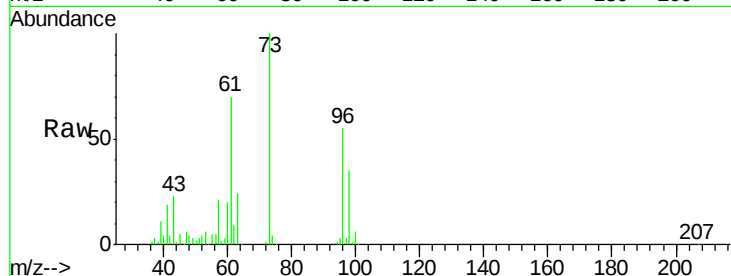
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	142152
Ion	Ratio	Lower	Upper
96	100		
61	127.7	106.9	160.3
98	63.8	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.990 ug/l

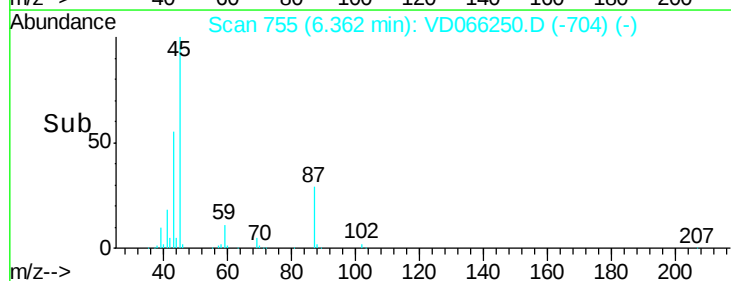
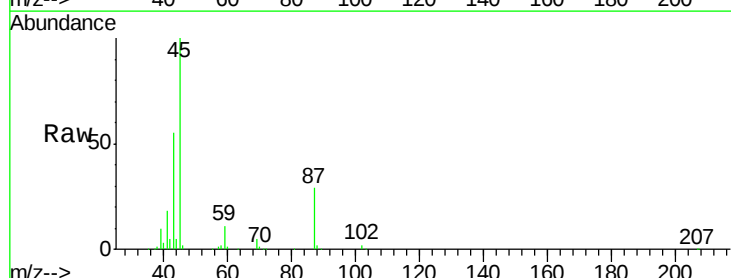
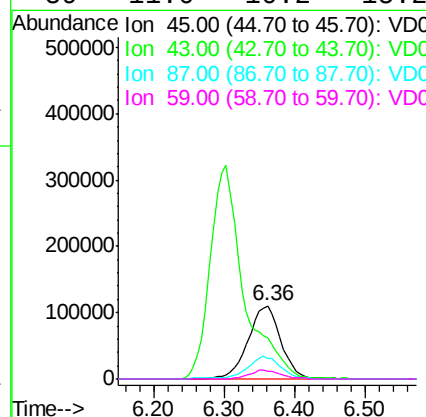
RT: 6.36 min Scan# 755

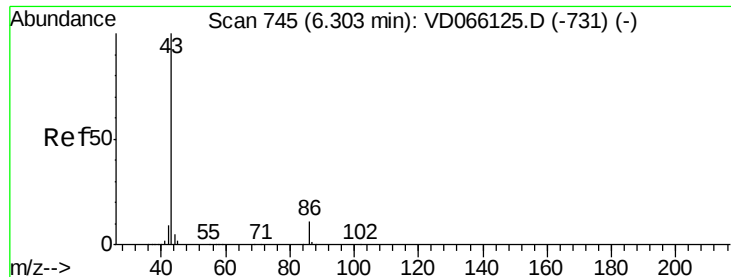
Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion:	45	Resp:	359293
Ion	Ratio	Lower	Upper
45	100		
43	54.0	41.2	61.8
87	28.7	22.8	34.2
59	11.0	10.2	15.2





#23

Vinyl Acetate

Concen: 233.331 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1067920

Ion Ratio Lower Upper

43 100

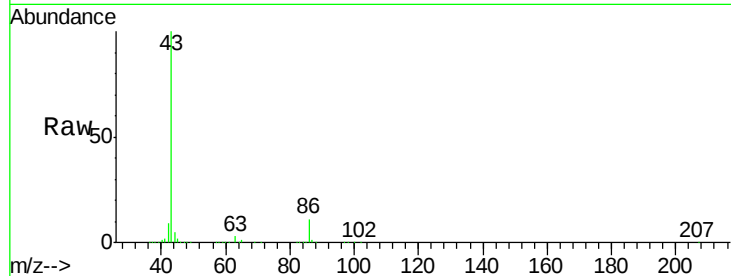
86 10.8 9.1 13.7

Manual Integrations

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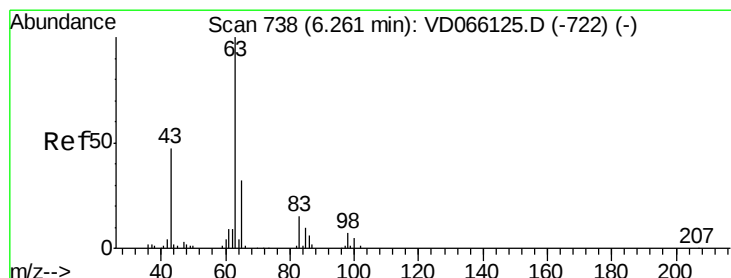
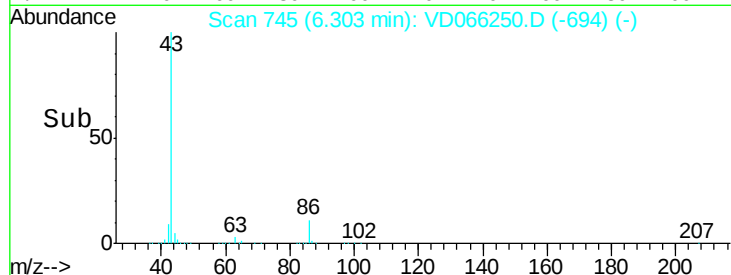
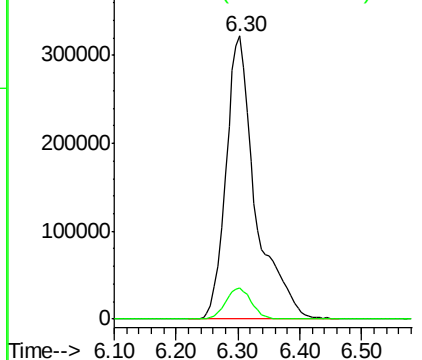
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.404 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

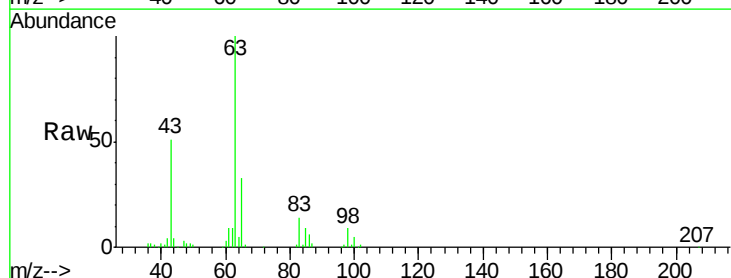
Tgt Ion: 63 Resp: 224356

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

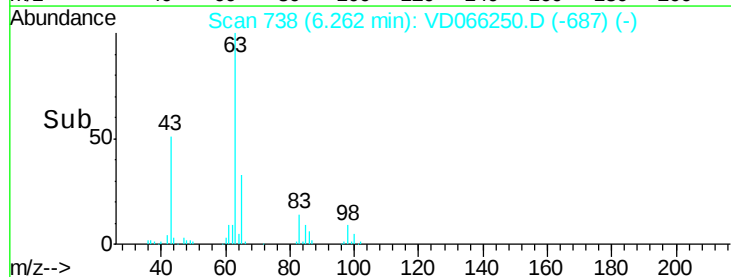
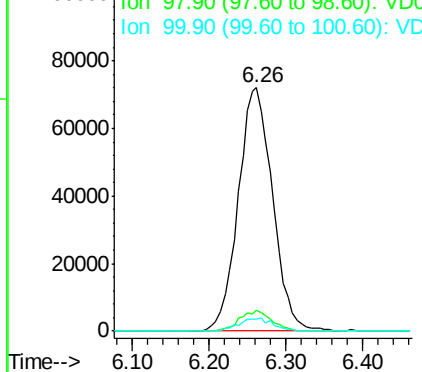
100 5.0 2.4 7.2

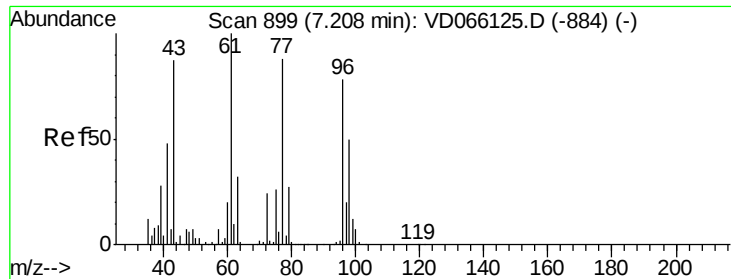


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 235.979 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 173003

Ion Ratio Lower Upper

43 100

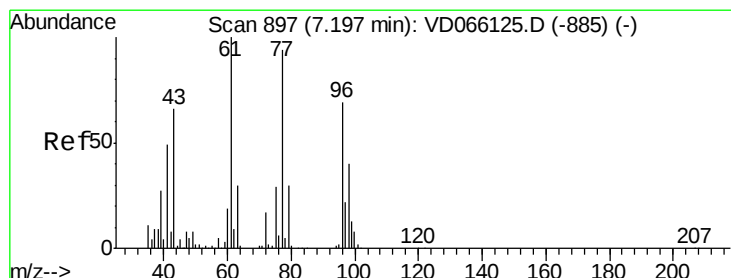
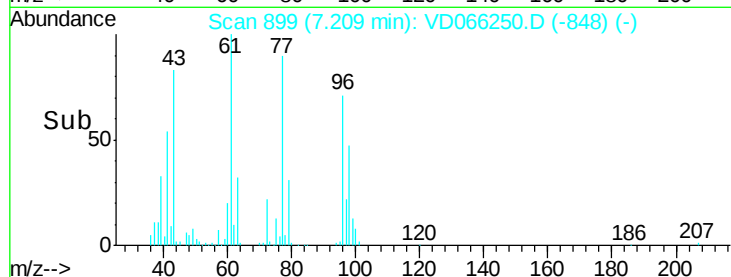
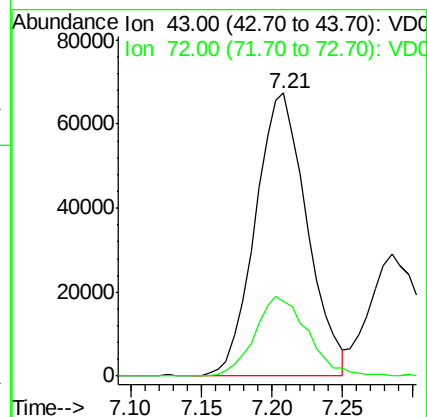
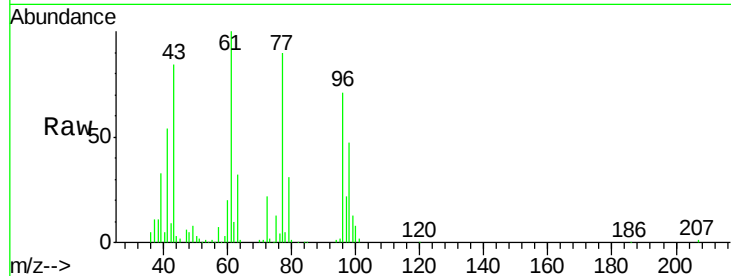
72 26.5 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 52.465 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066250.D

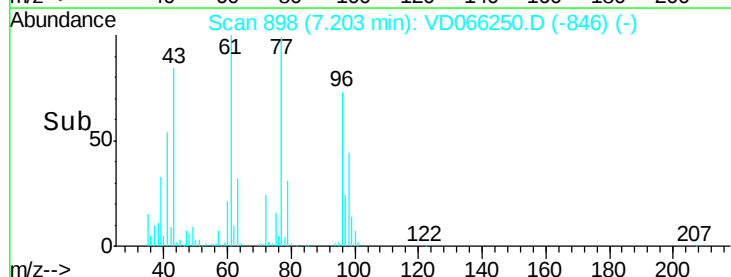
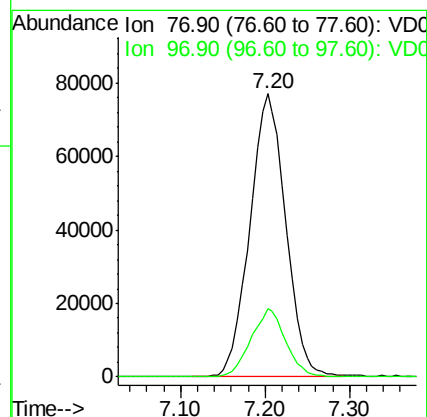
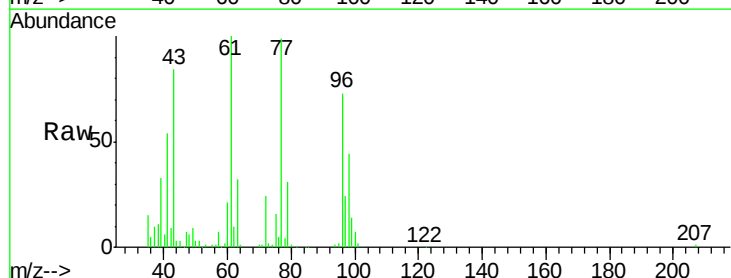
Acq: 17 Aug 2020 11:42

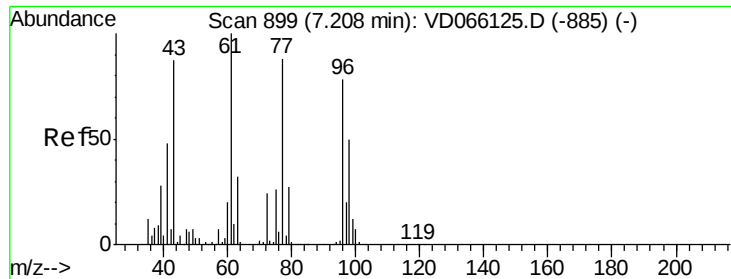
Tgt Ion: 77 Resp: 227350

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





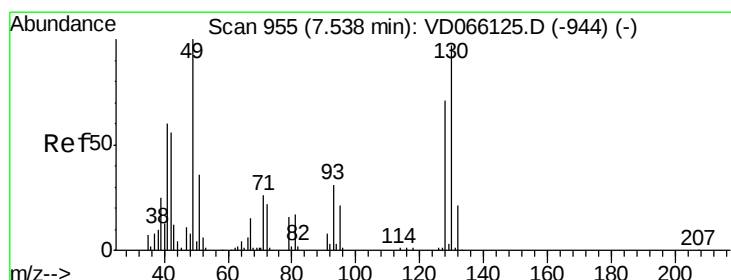
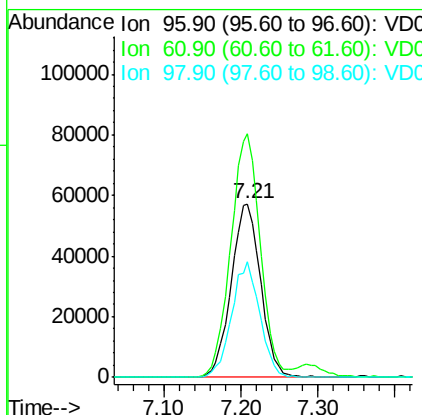
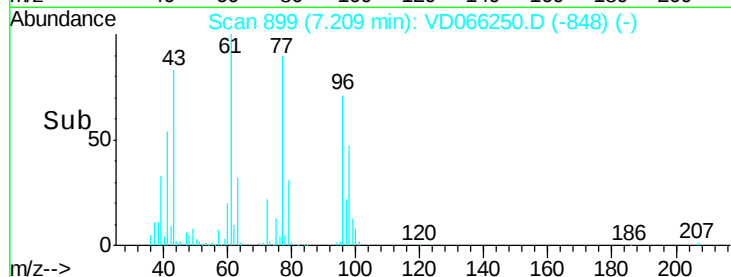
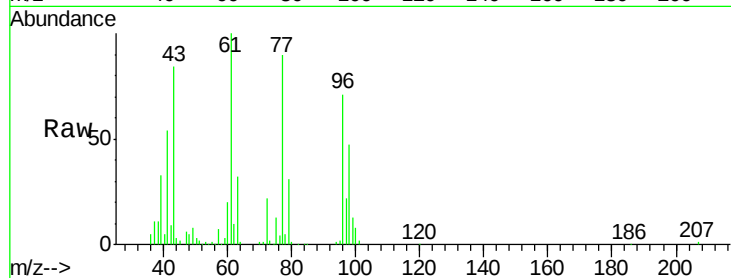
#27
 cis-1,2-Dichloroethene
 Concen: 48.976 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153888		
61	140.0		0.0	281.6
98	63.0		0.0	130.8

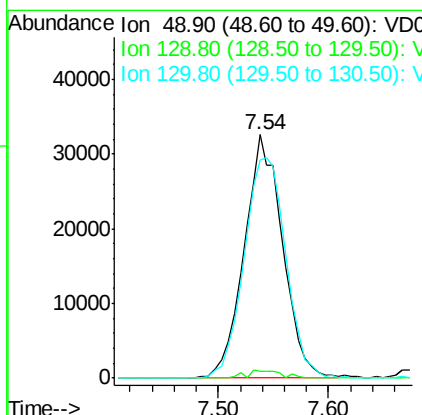
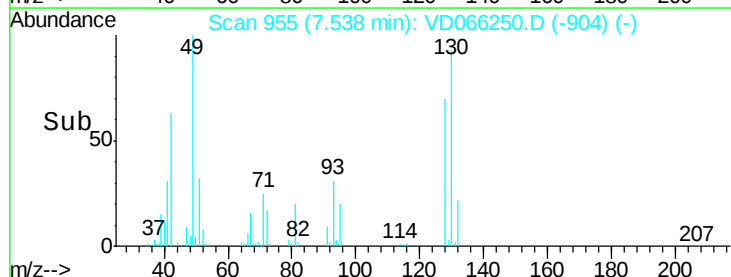
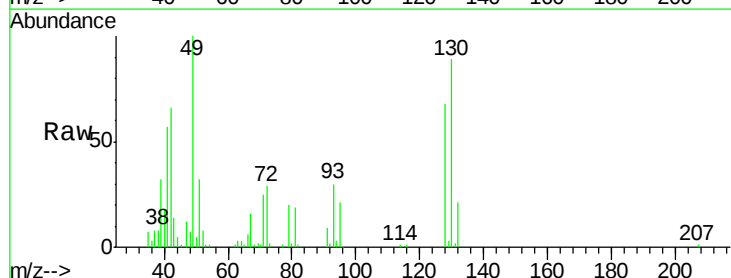
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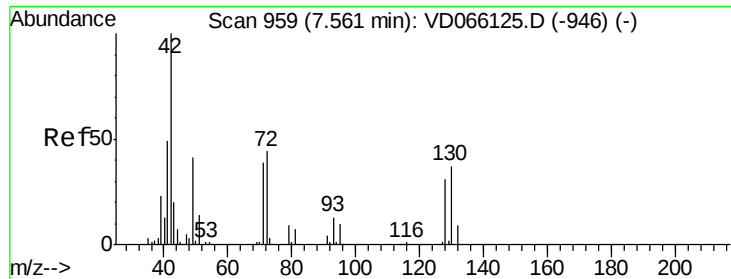
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#28
 Bromochloromethane
 Concen: 46.745 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79379		
129	2.9		0.0	6.0
130	98.6		73.8	110.6





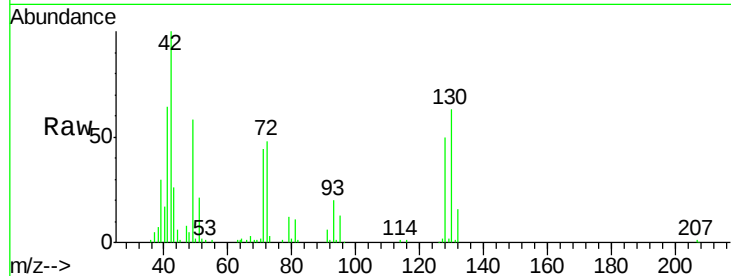
#29
Tetrahydrofuran
Concen: 220.893 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

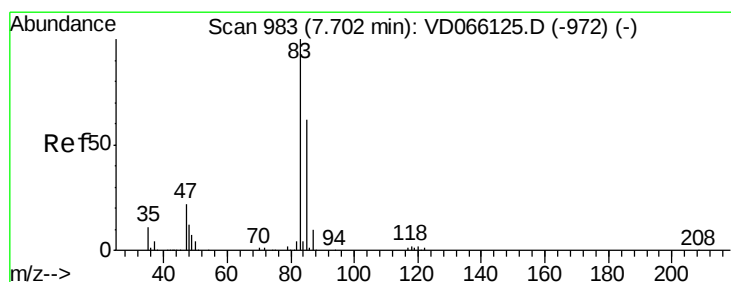
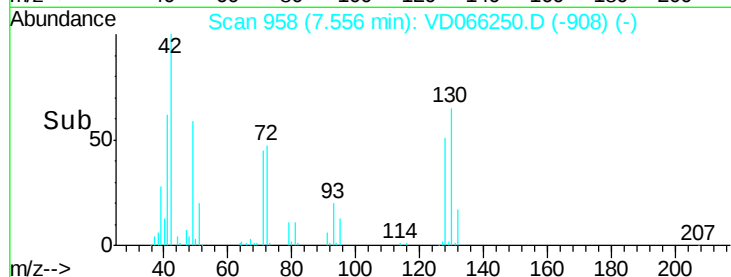
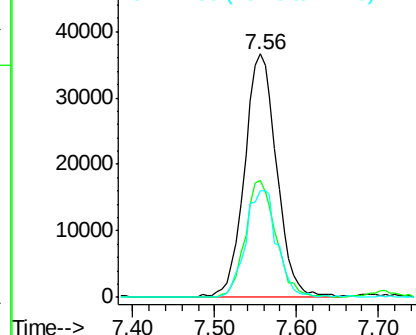
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.8	52.2
71	42.9	33.5	50.3

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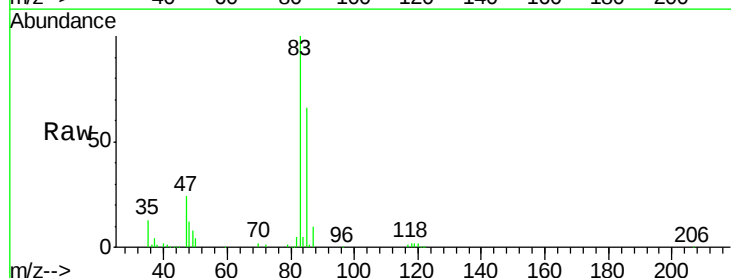


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

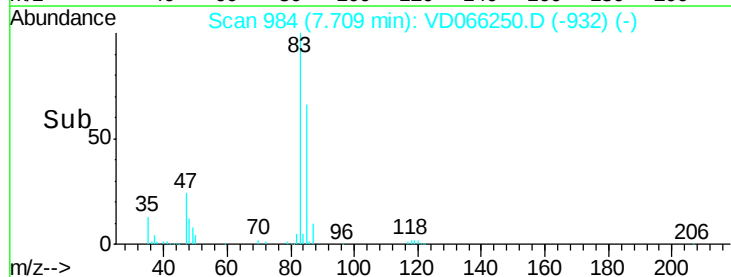
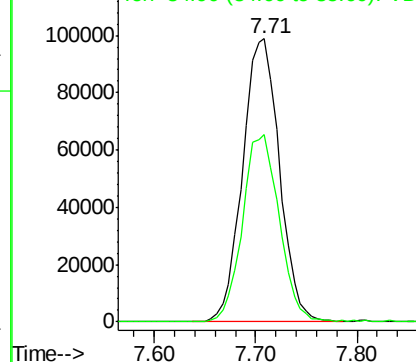


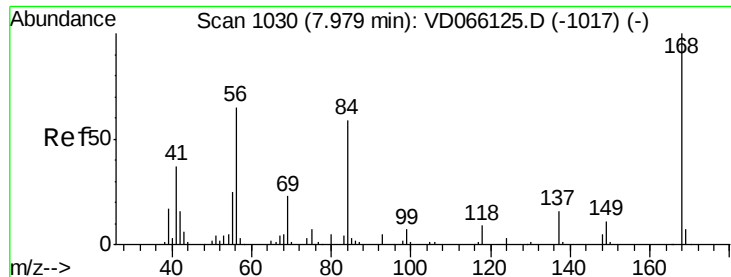
#30
Chloroform
Concen: 48.998 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.5	74.3



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





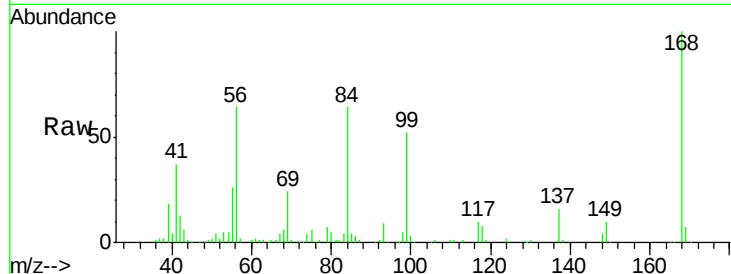
#31
Cyclohexane
Concen: 43.722 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

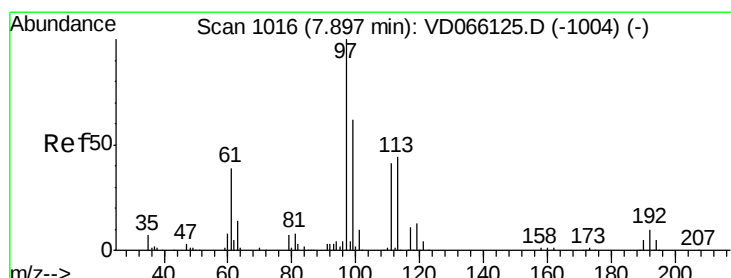
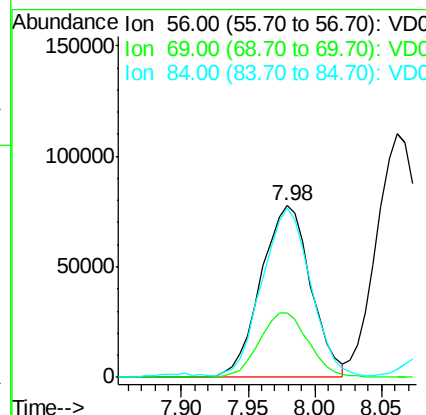
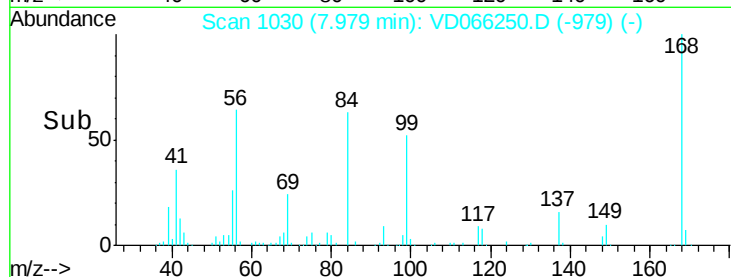
Tot Ion	Ratio	Lower	Upper
56	100		
69	37.3	28.8	43.2
84	97.8	73.0	109.6

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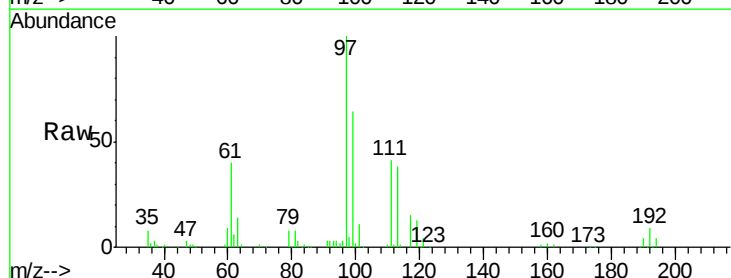


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

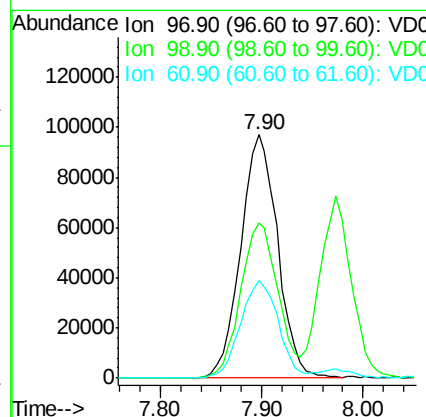
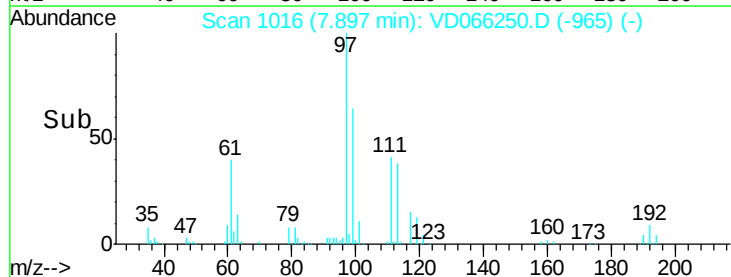


#32
1,1,1-Trichloroethane
Concen: 51.472 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	40.9	32.7	49.1



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





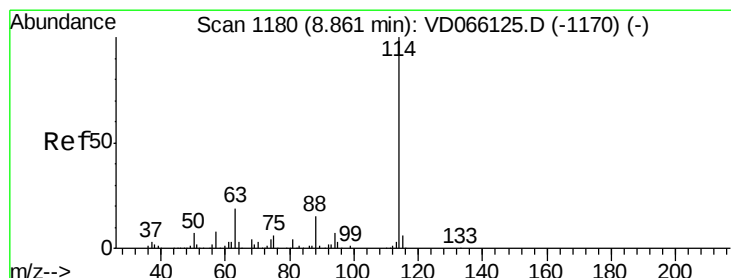
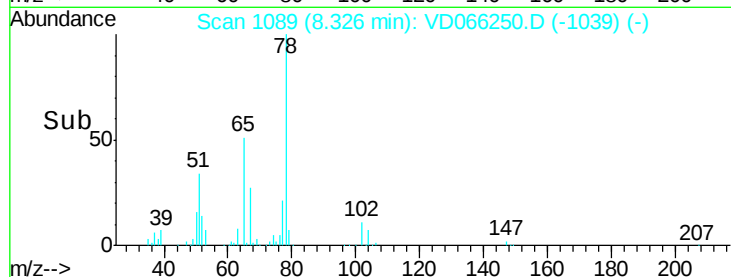
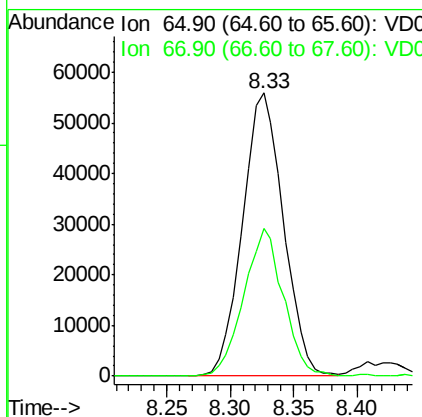
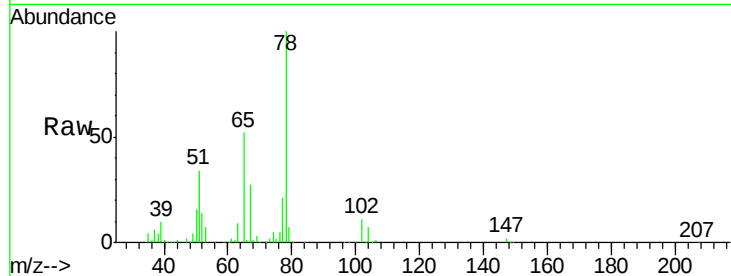
#33
 1,2-Dichloroethane-d4
 Concen: 47.791 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125546		
67	50.7	0.0	104.6	

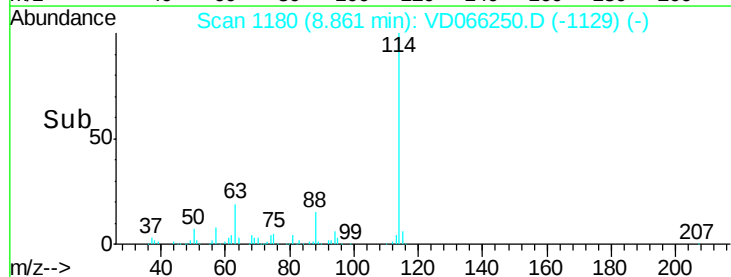
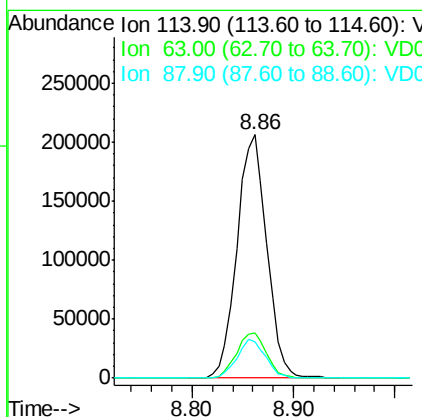
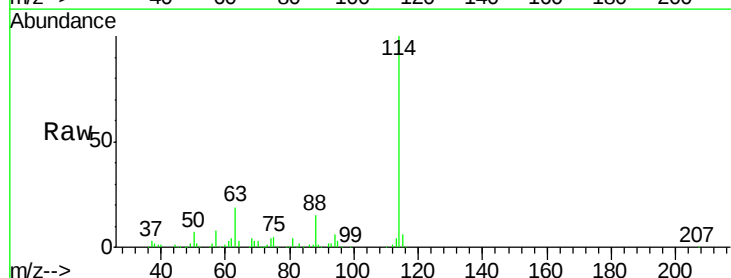
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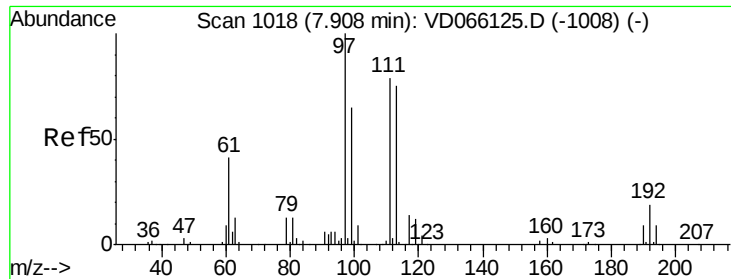
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	420935		
63	18.8	0.0	38.6	
88	15.1	0.0	30.0	





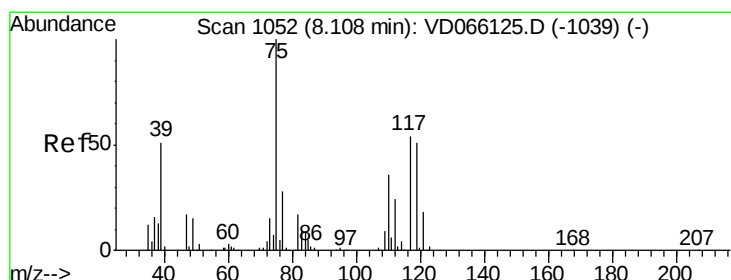
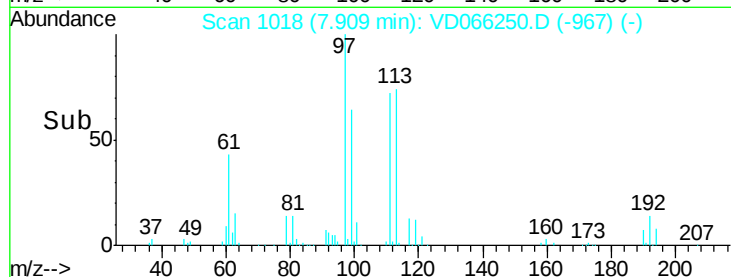
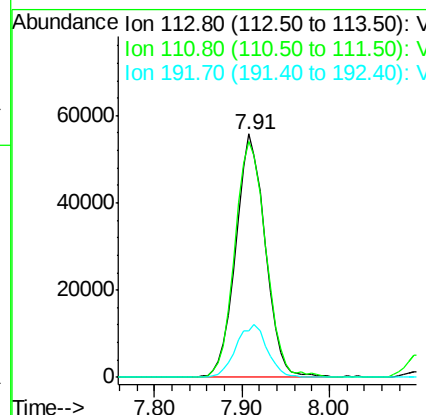
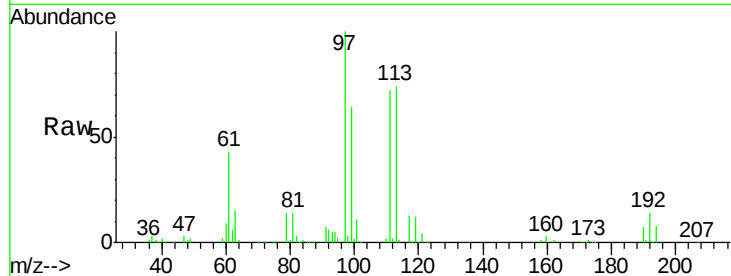
#35
 Dibromofluoromethane
 Concen: 47.736 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127292		
111	102.1	80.7	121.1	
192	22.7	18.4	27.6	

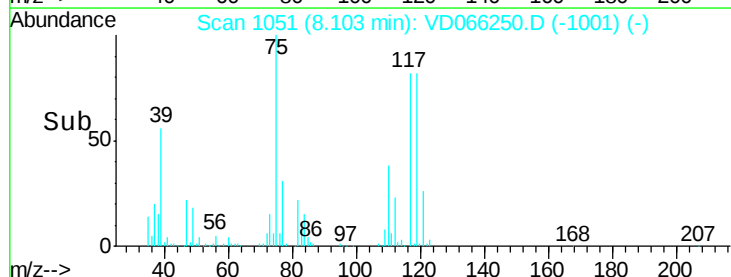
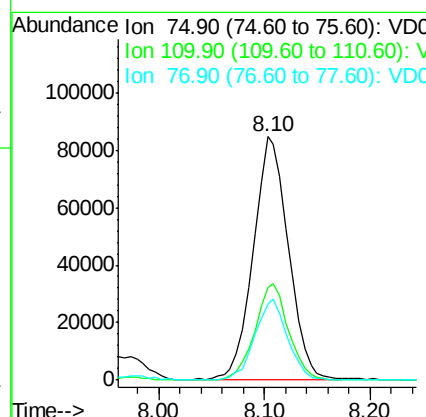
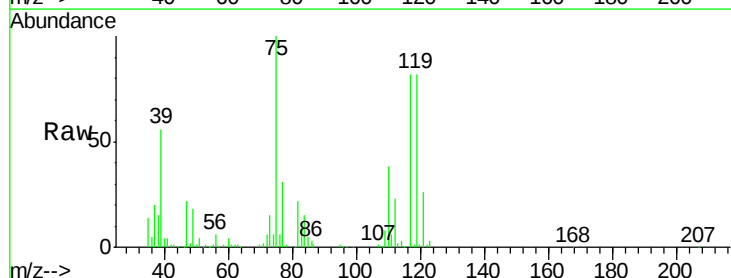
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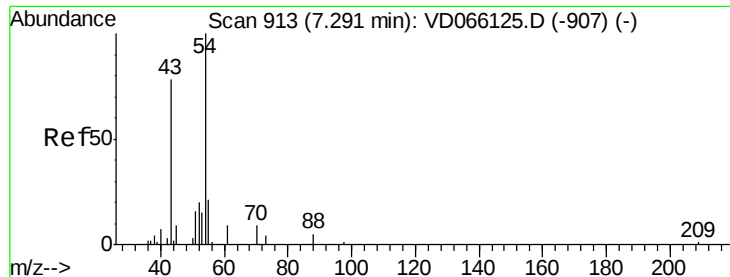
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#36
 1,1-Dichloropropene
 Concen: 49.299 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195003		
110	38.1	18.8	56.3	
77	31.2	24.2	36.2	





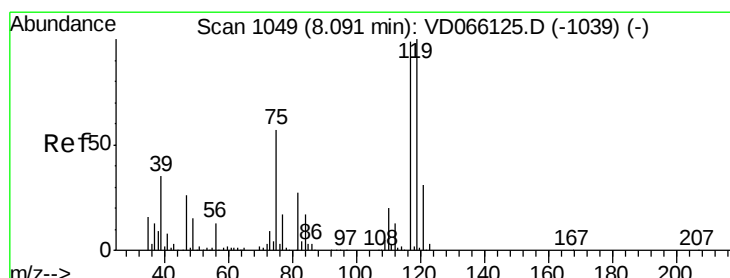
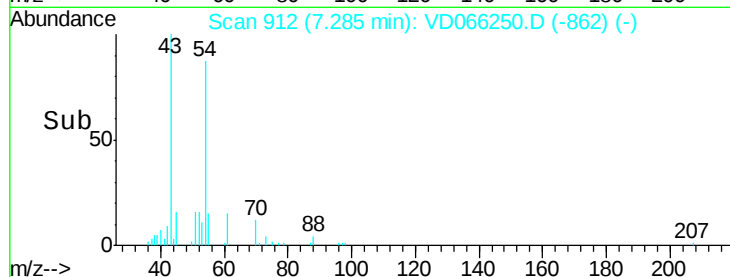
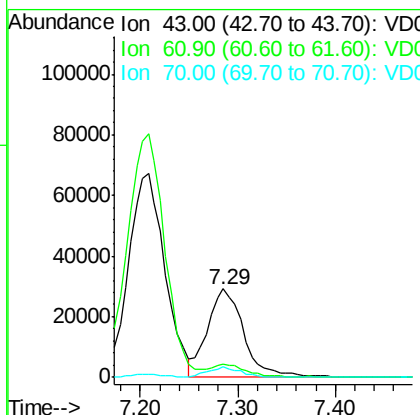
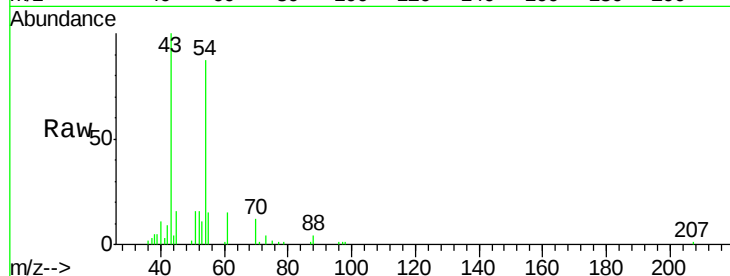
#37
Ethyl Acetate
Concen: 47.575 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.0	18.0
70	10.4	9.7	14.5

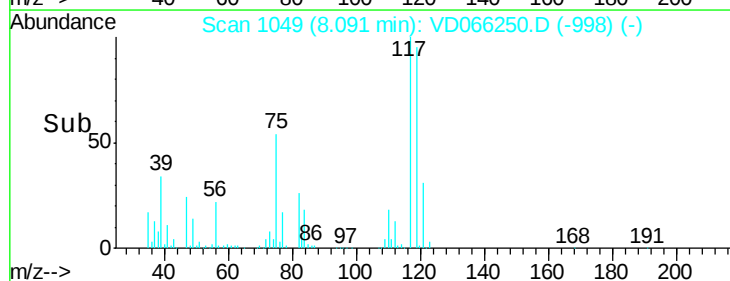
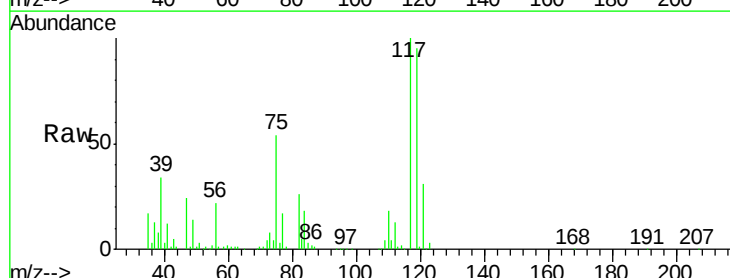
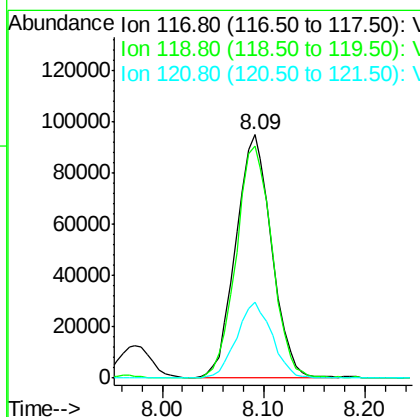
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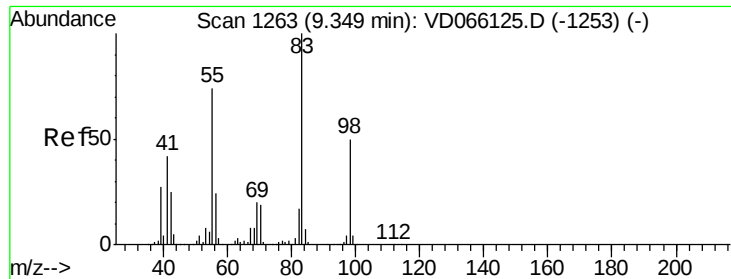
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#38
Carbon Tetrachloride
Concen: 52.421 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	81.0	121.4
121	31.3	24.8	37.2





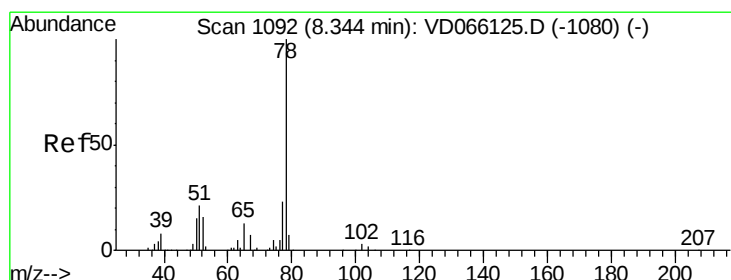
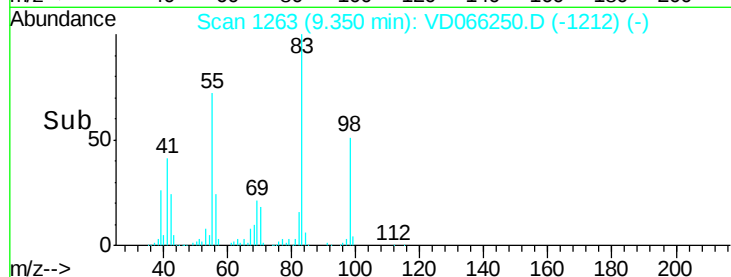
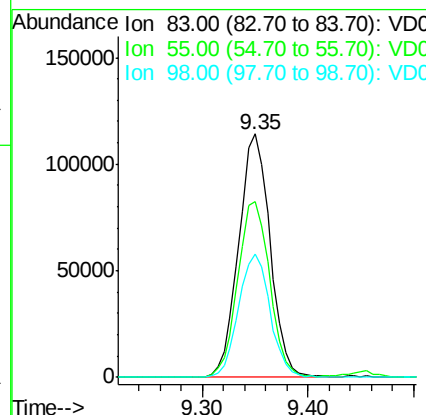
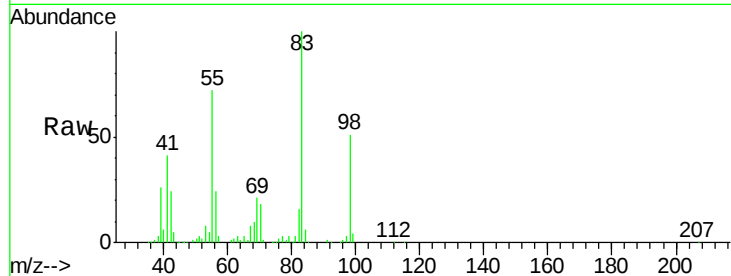
#39
Methylvlcvclohexane
Concen: 49.457 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	236481		
55	72.4		59.2	88.8
98	50.9		39.8	59.6

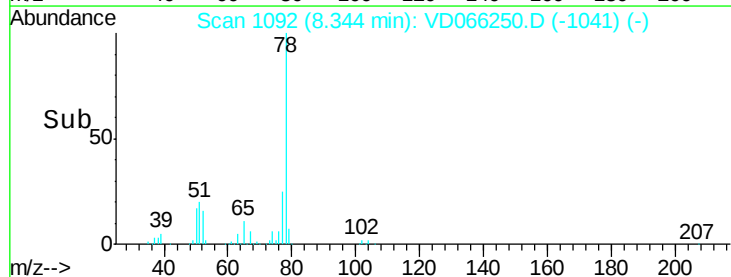
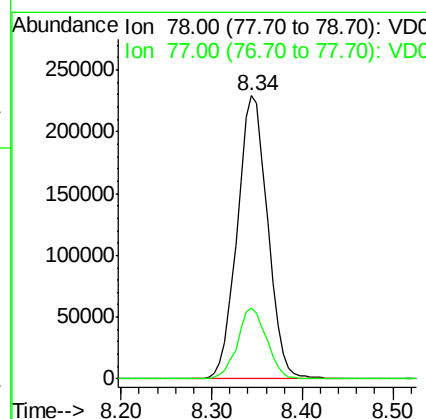
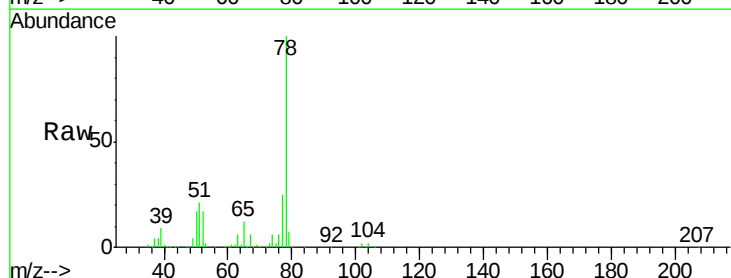
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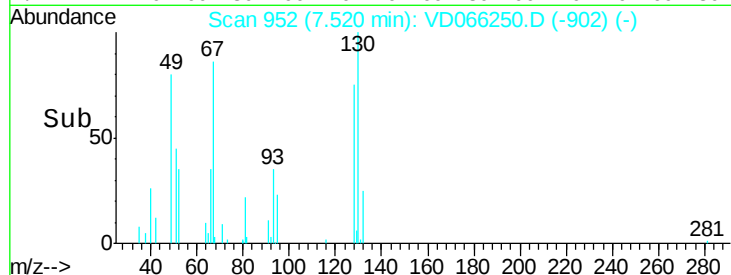
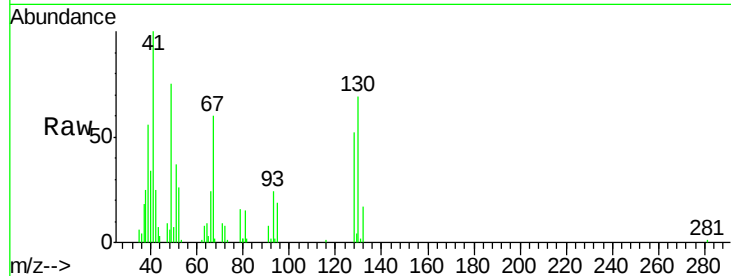
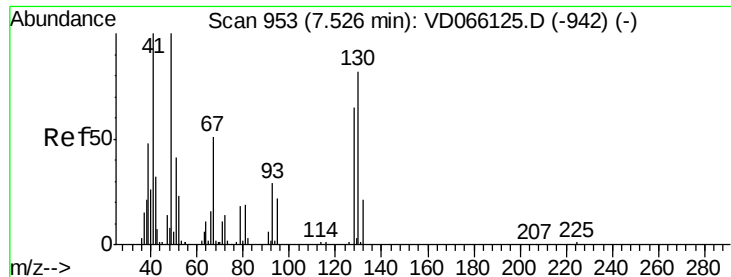
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#40
Benzene
Concen: 48.692 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

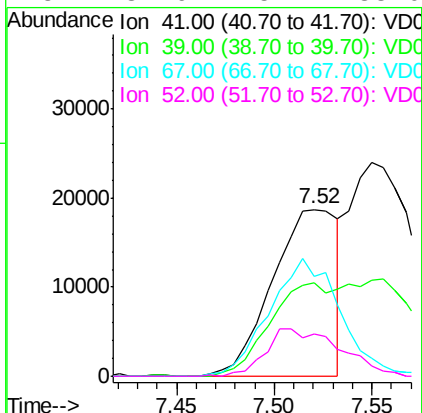
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	534288		
77	24.9		18.6	27.8





#41
Methacrylonitrile
Concen: 47.229 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

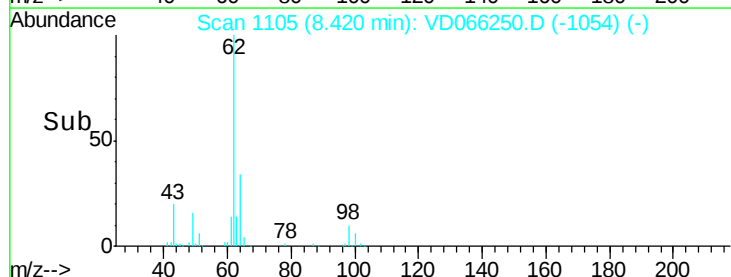
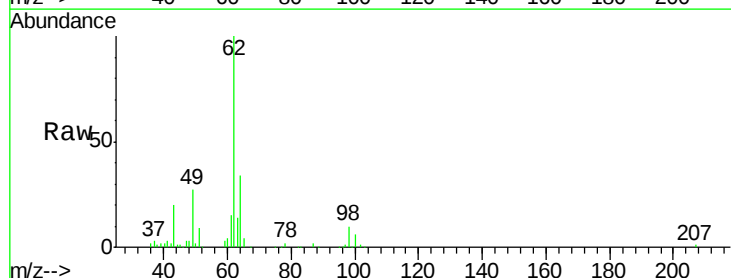
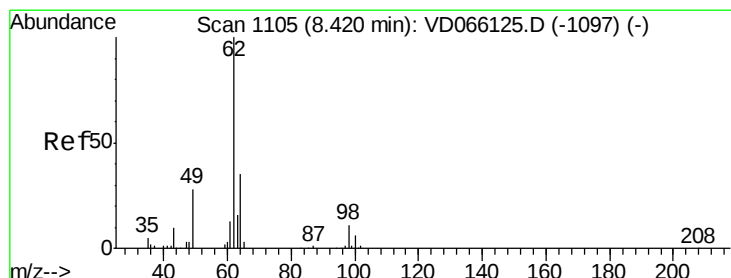
Tot Ion	41	Resp	43521
Ion	Ratio	Lower	Upper
41	100		
39	48.7	47.5	71.3
67	76.7	59.1	88.7
52	32.6	25.4	38.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

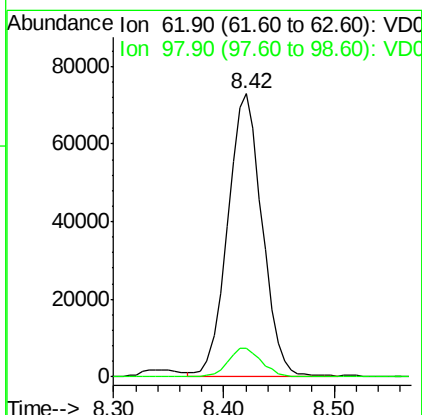
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#42
1,2-Dichloroethane
Concen: 49.542 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	62	Resp	159700
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





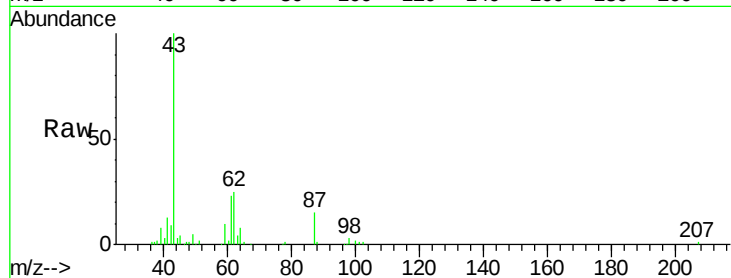
#43
Isopropyl Acetate
Concen: 48.232 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

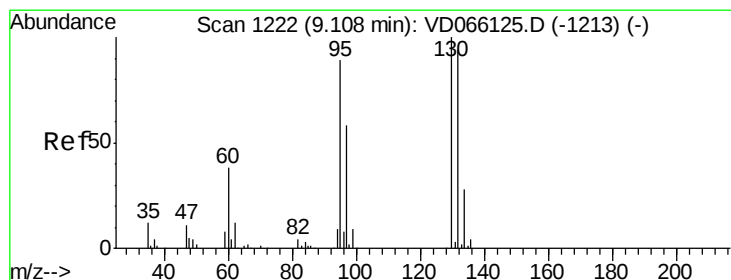
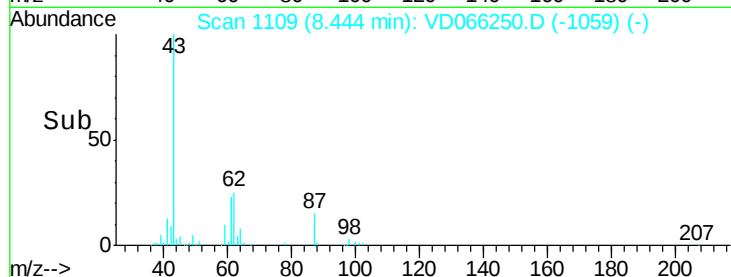
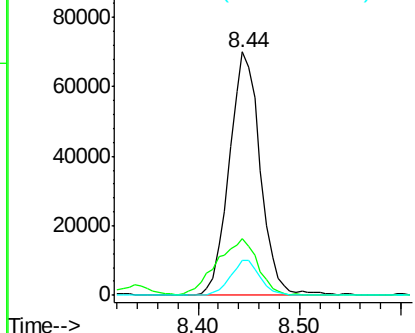
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	25.5	38.3
87	13.8	11.2	16.8

Manual Integrations
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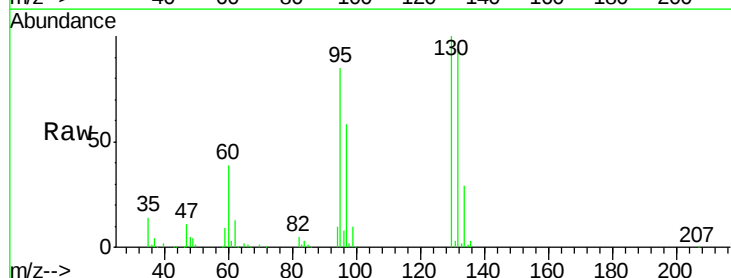


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

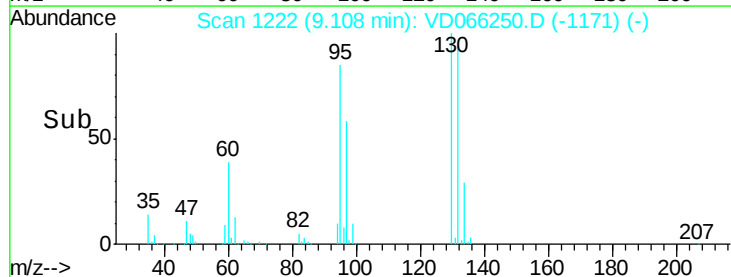
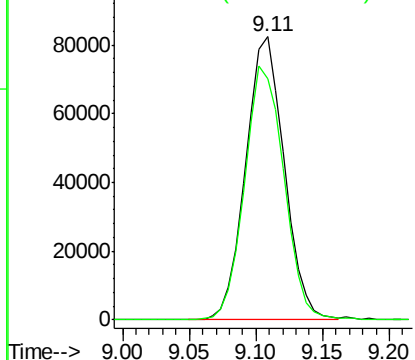


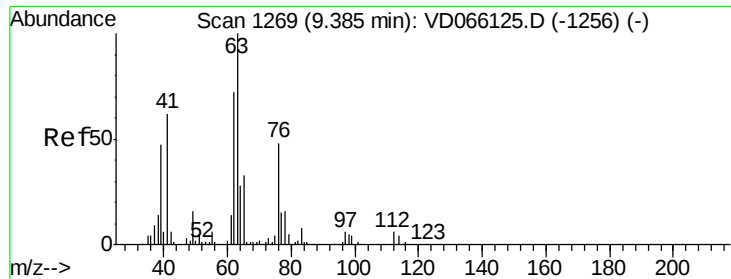
#44
Trichloroethene
Concen: 49.865 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.3	0.0	178.4



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





#45

1,2-Dichloropropane

Concen: 48.214 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 129392

Ion Ratio Lower Upper

63 100

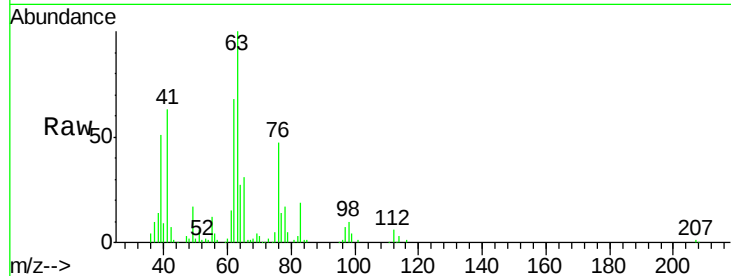
65 30.7 26.5 39.7

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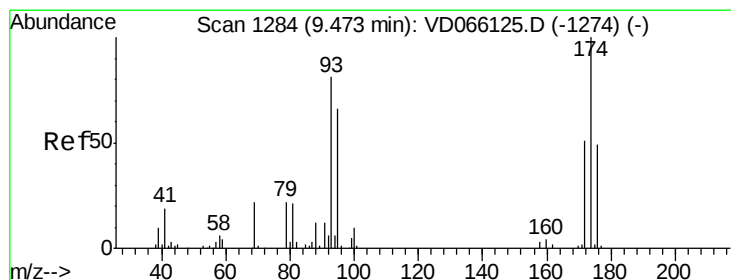
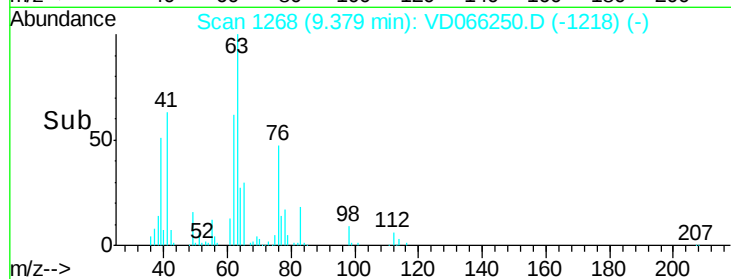
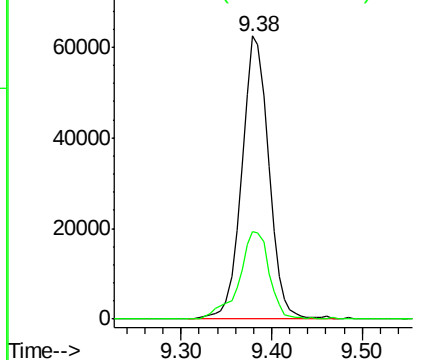
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.217 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

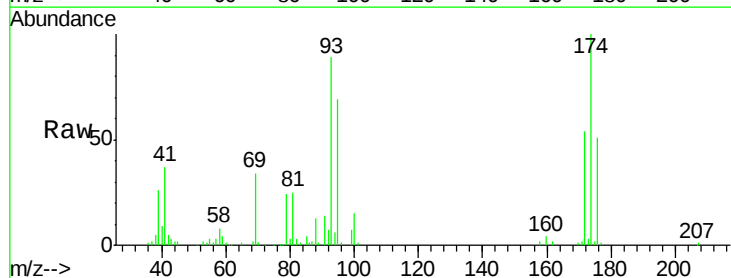
Tgt Ion: 93 Resp: 72754

Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

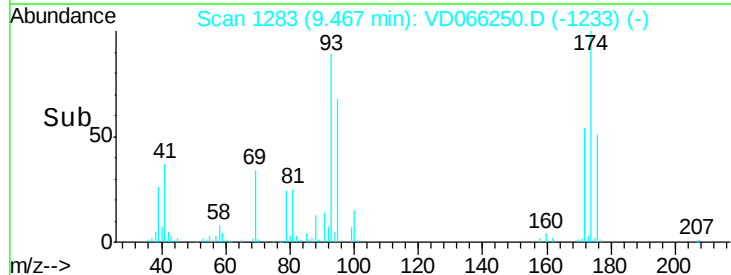
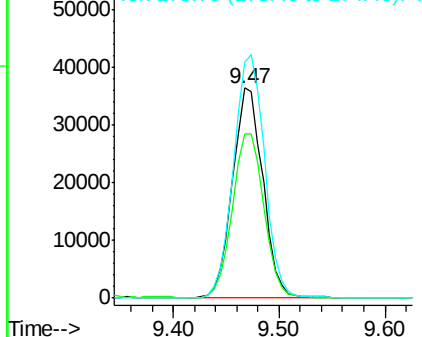
174 117.7 92.8 139.2

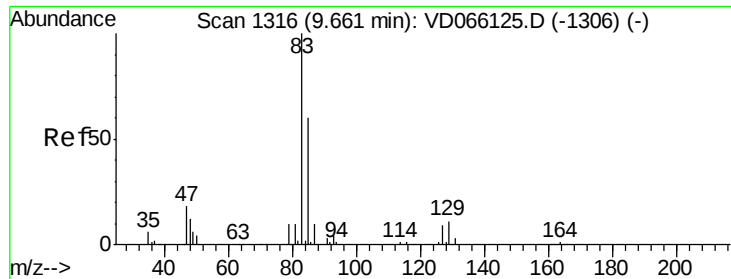


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





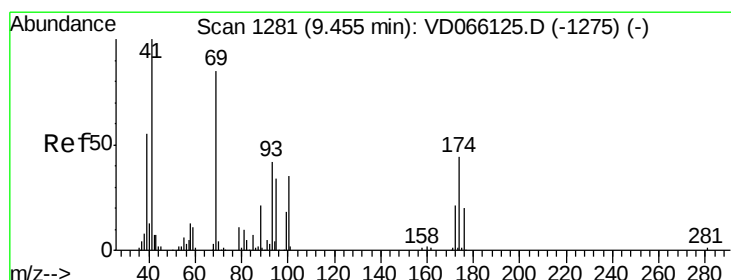
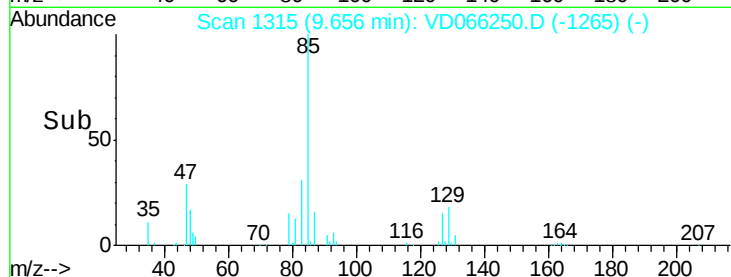
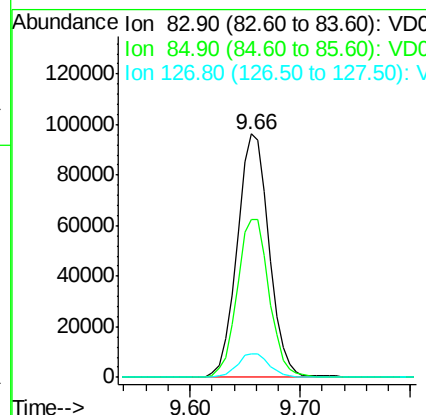
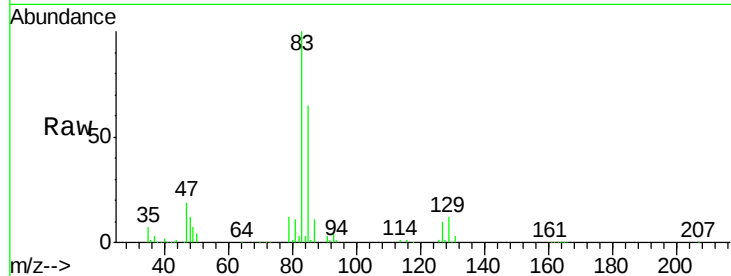
#47
Bromodichloromethane
Concen: 49.966 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195217		
85	65.0	48.2	72.4	
127	9.7	7.3	10.9	

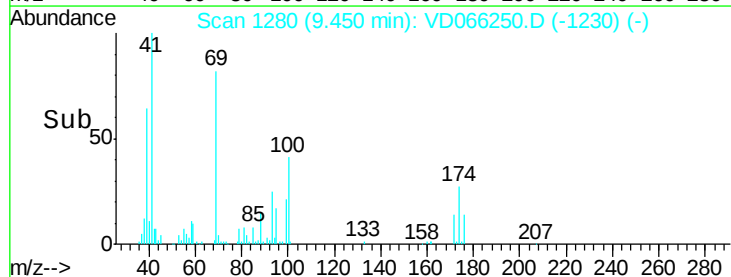
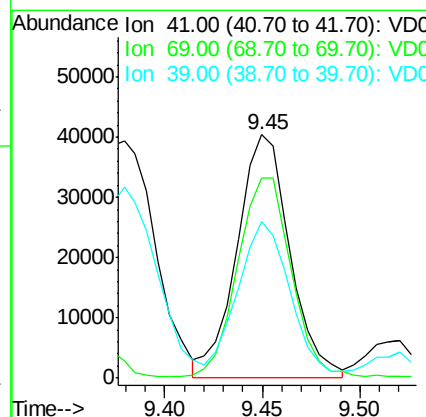
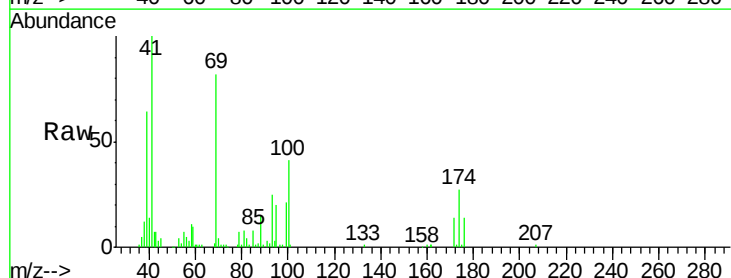
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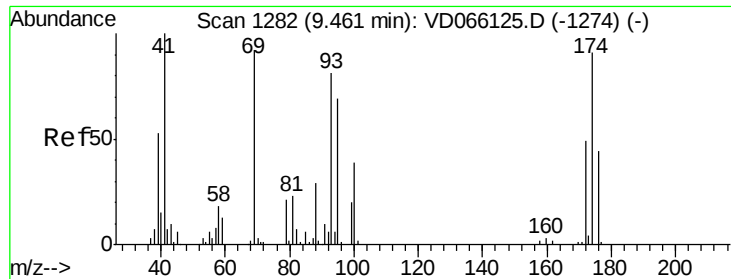
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#48
Methyl methacrylate
Concen: 47.959 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	75619		
69	82.7	63.9	95.9	
39	58.8	42.6	64.0	





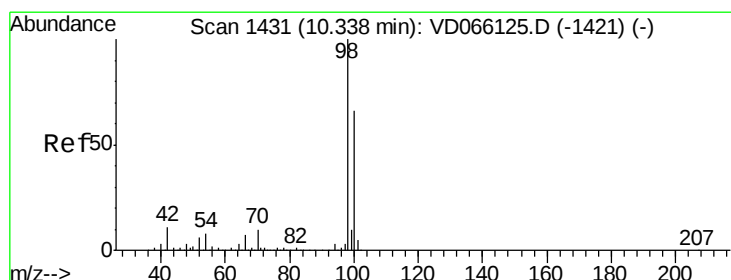
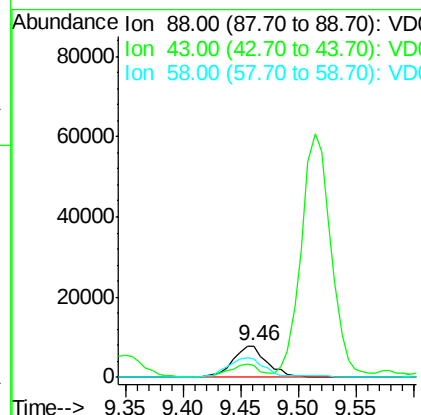
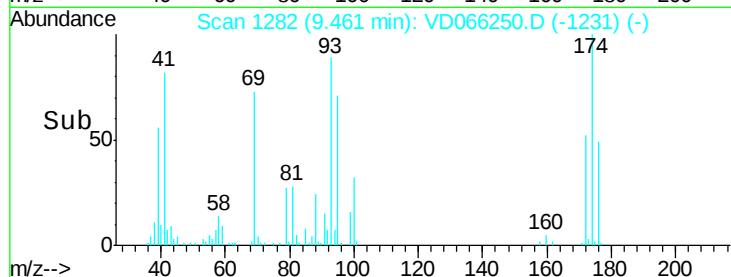
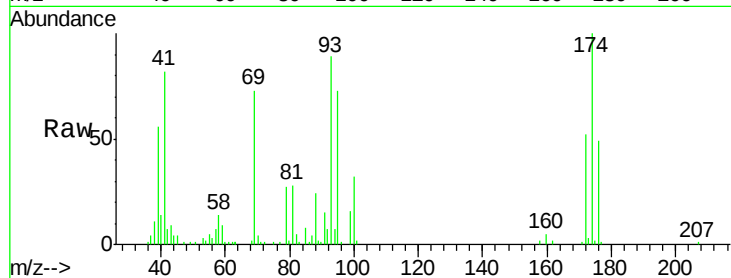
#49
1,4-Dioxane
Concen: 856.586 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.5	41.3
58	69.6	50.2	75.4

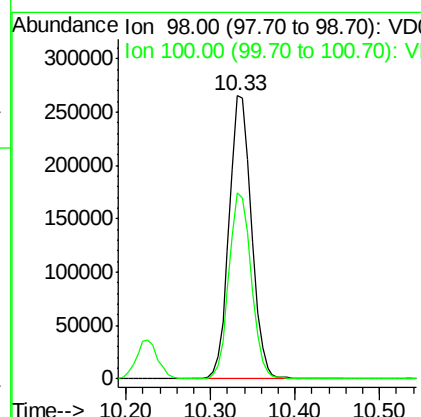
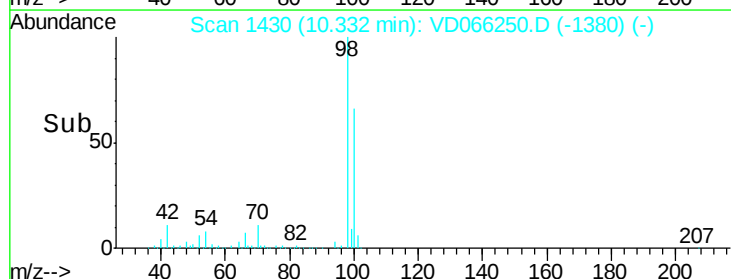
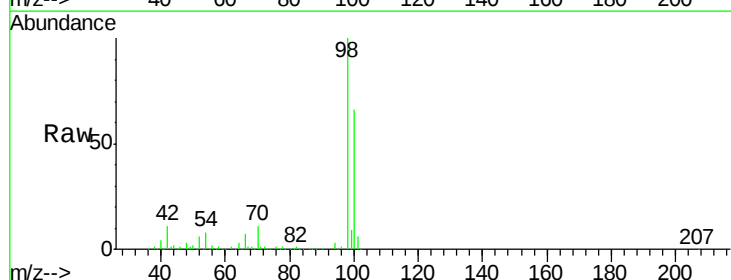
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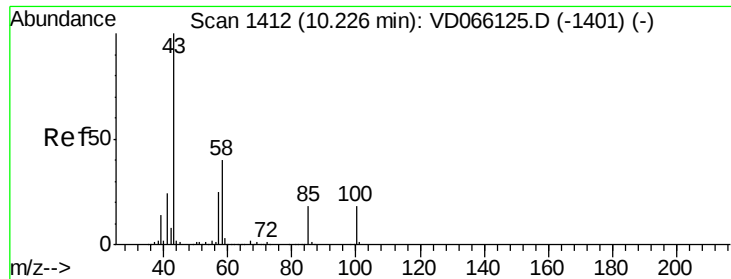
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#50
Toluene-d8
Concen: 49.336 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 238.936 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 378982

Ion Ratio Lower Upper

43 100

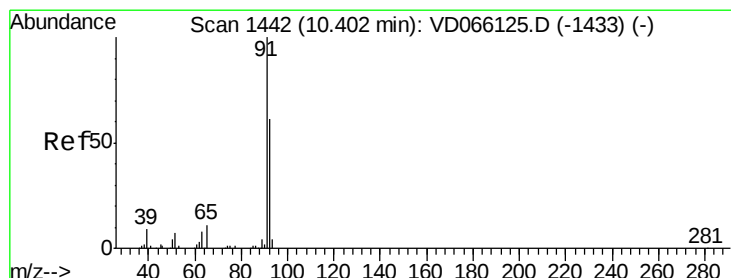
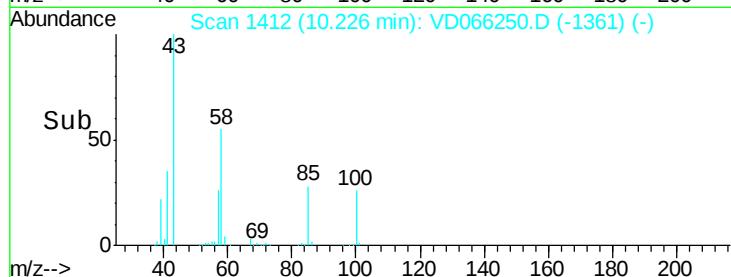
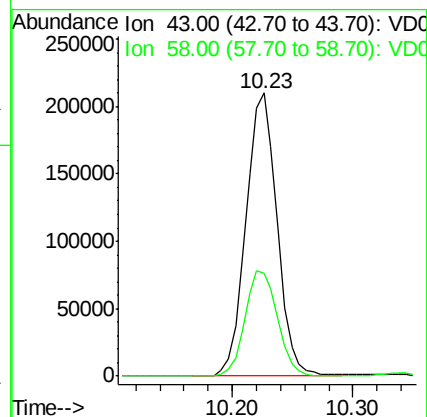
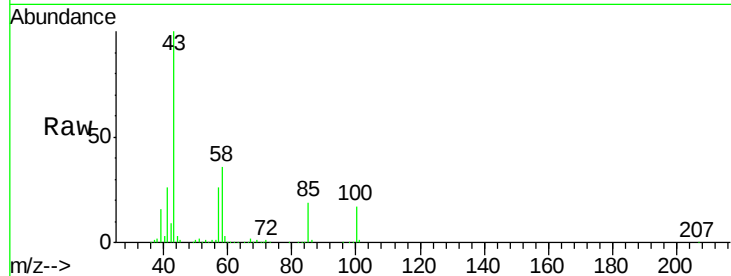
58 38.9 31.1 46.7

Manual Integrations

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#52

Toluene

Concen: 49.974 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066250.D

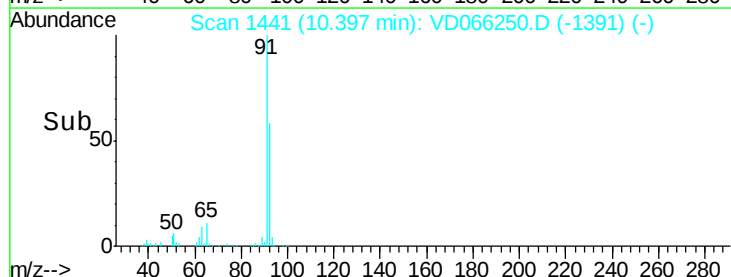
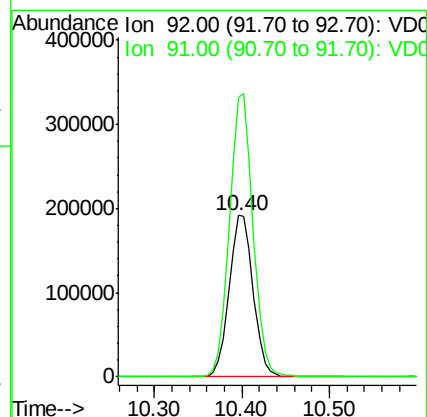
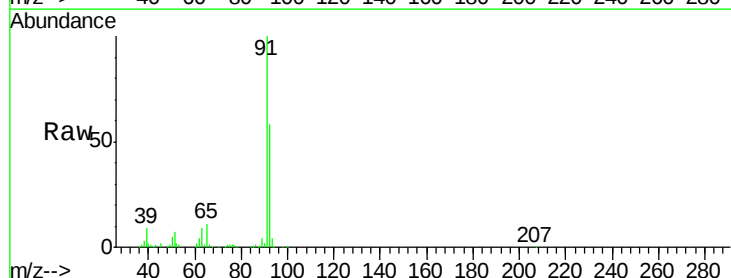
Acq: 17 Aug 2020 11:42

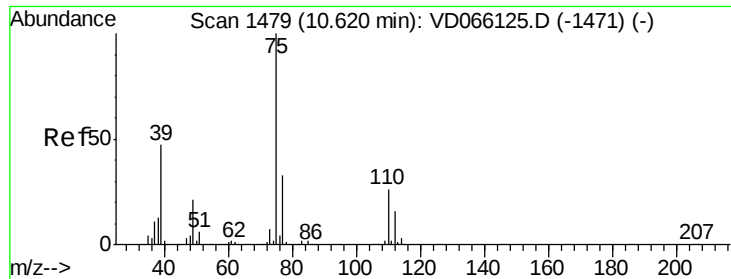
Tgt Ion: 92 Resp: 360834

Ion Ratio Lower Upper

92 100

91 171.6 135.2 202.8





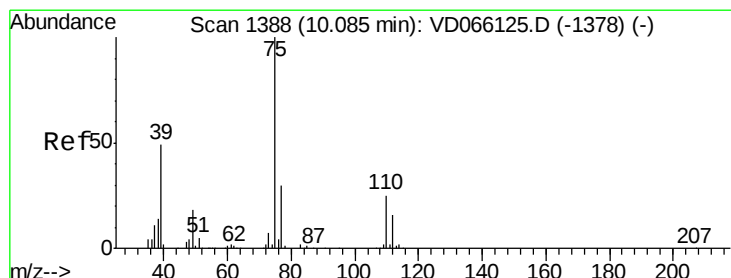
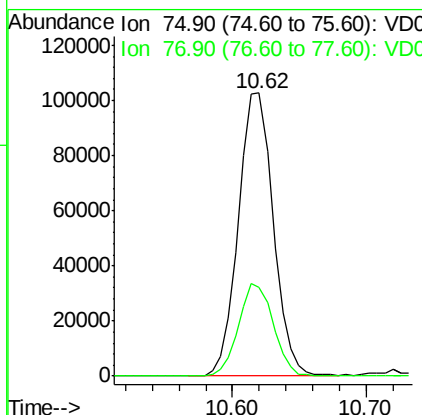
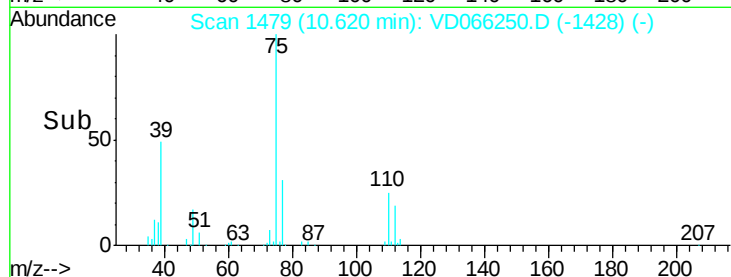
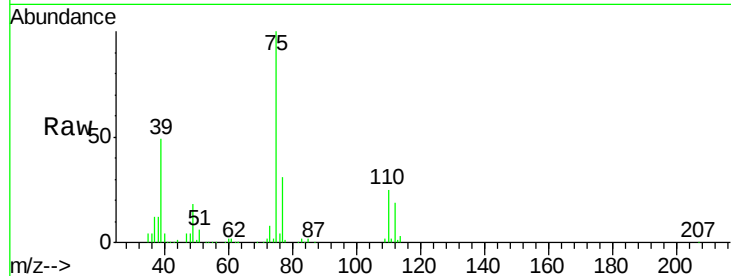
#53
 t-1,3-Dichloropropene
 Concen: 50.414 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 186921
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2

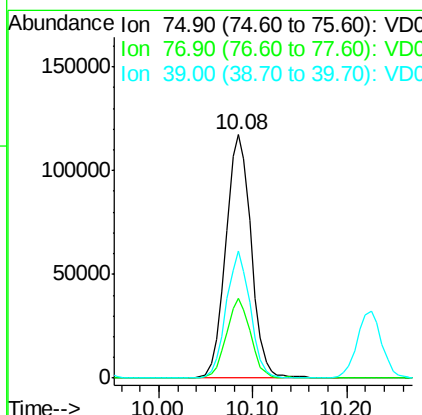
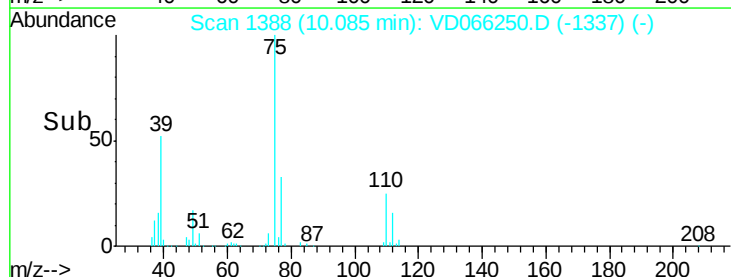
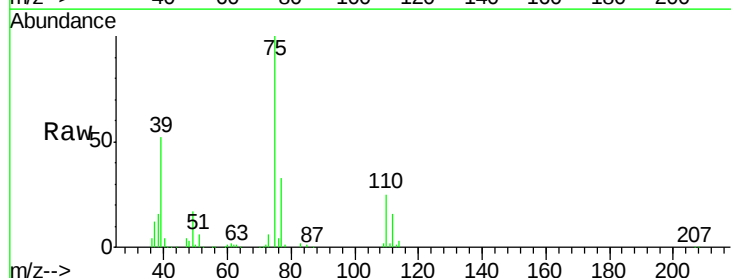
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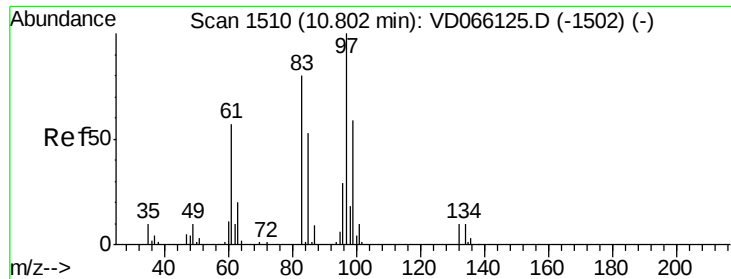
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#54
 cis-1,3-Dichloropropene
 Concen: 50.595 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion: 75 Resp: 219791
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.3 36.5
 39 52.5 39.3 58.9





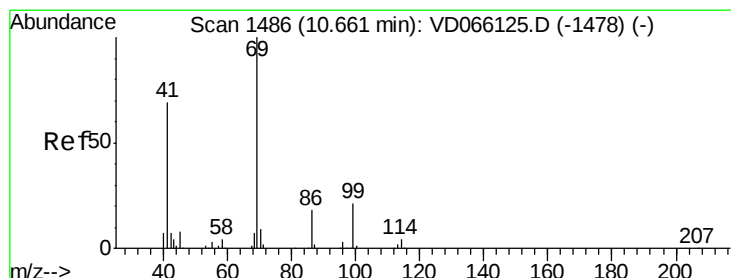
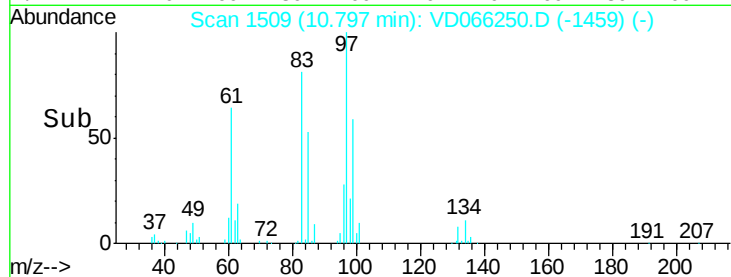
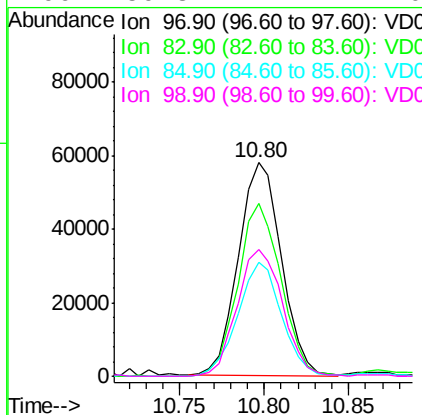
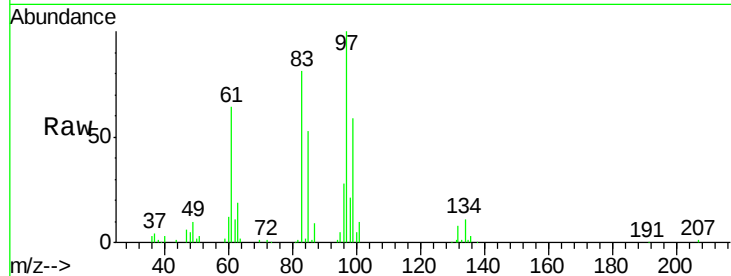
#55
 1,1,2-Trichloroethane
 Concen: 48.484 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	103203
Ion	Ratio	Lower	Upper
97	100		
83	81.0	63.9	95.9
85	53.0	42.5	63.7
99	59.3	47.4	71.0

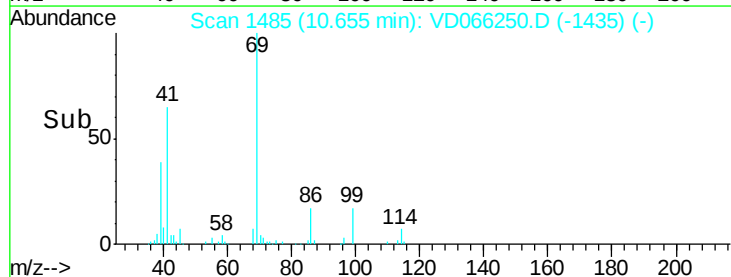
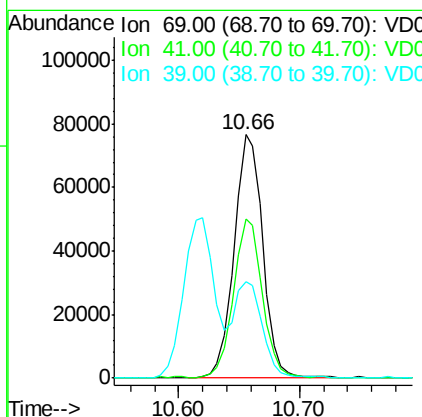
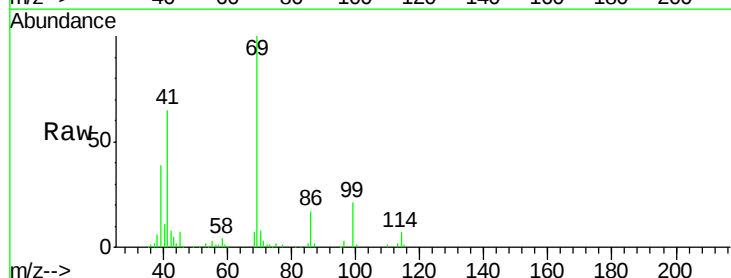
Manual Integrations
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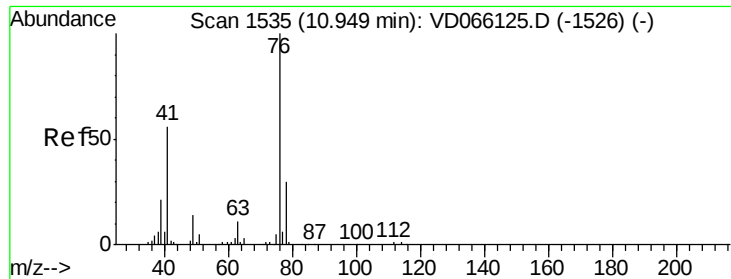
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#56
 Ethyl methacrylate
 Concen: 49.739 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion:	69	Resp:	127185
Ion	Ratio	Lower	Upper
69	100		
41	64.9	54.1	81.1
39	38.8	28.6	43.0





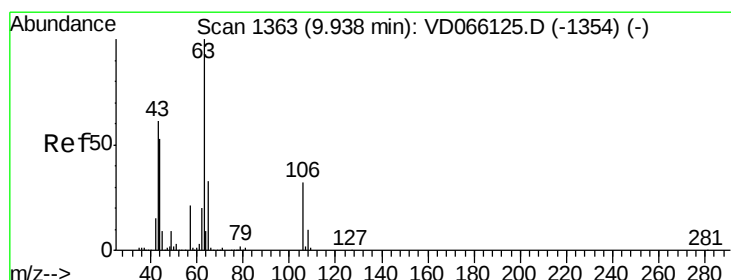
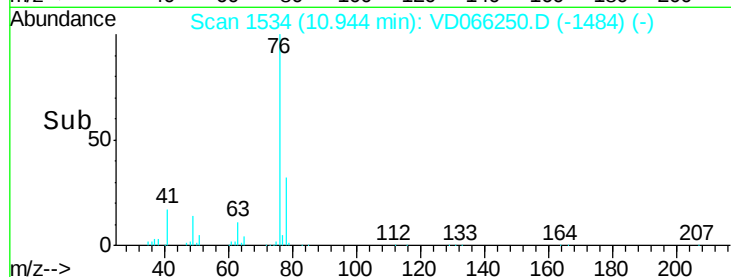
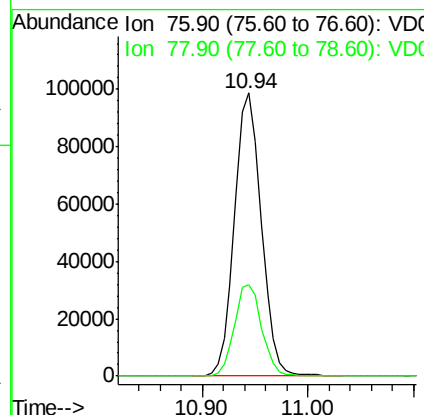
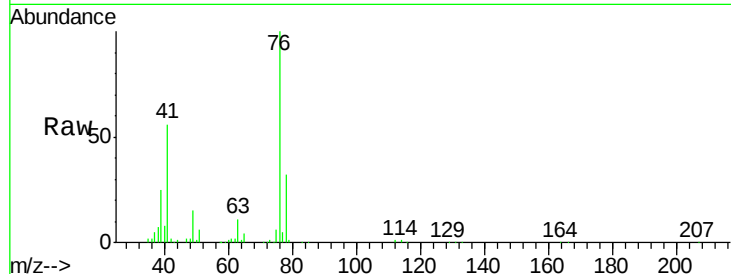
#57
 1,3-Dichloropropane
 Concen: 49.015 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 173208
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3

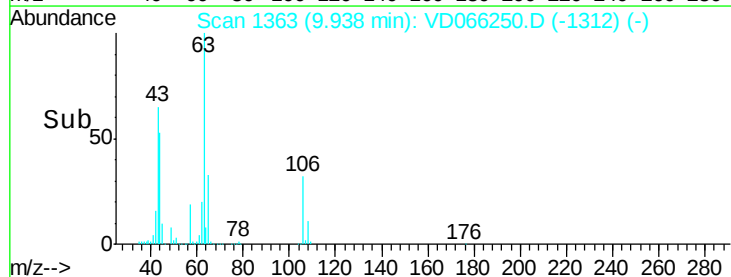
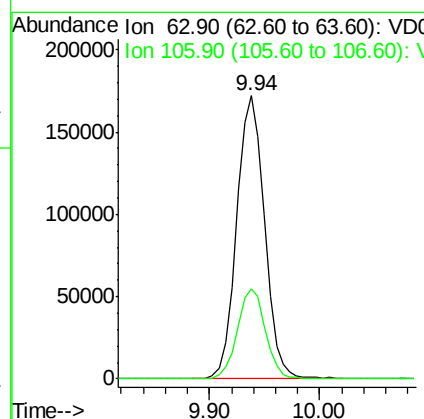
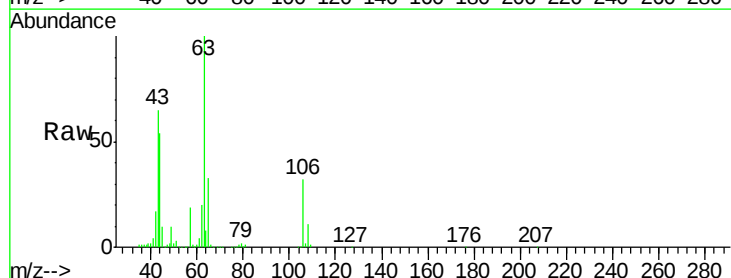
Manual Integrations
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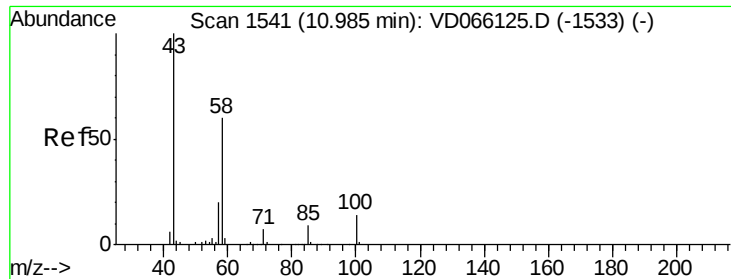
MMDadoda
 8/18/2020 11:08:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.868 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion: 63 Resp: 305801
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.3 37.9





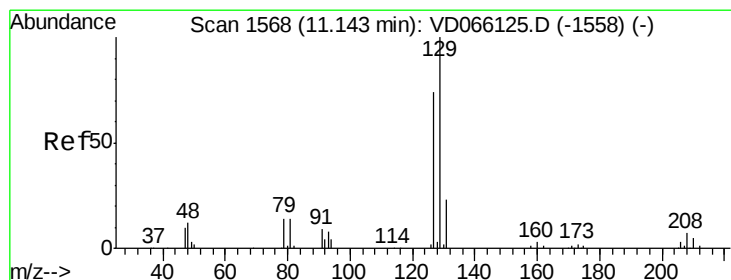
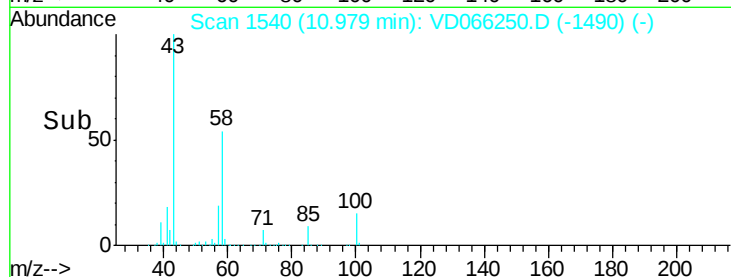
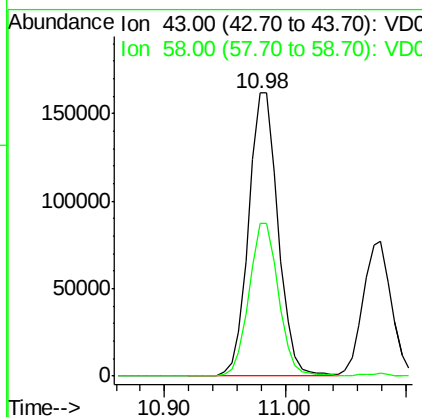
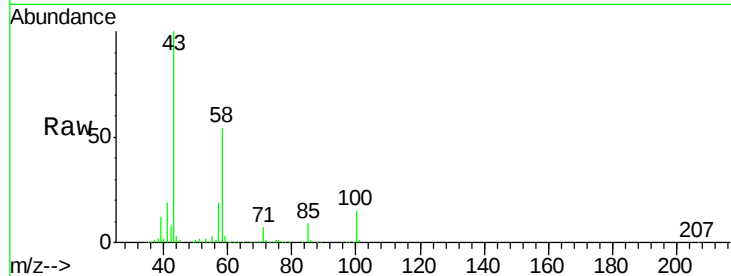
#59
2-Hexanone
Concen: 248.687 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 276831
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4

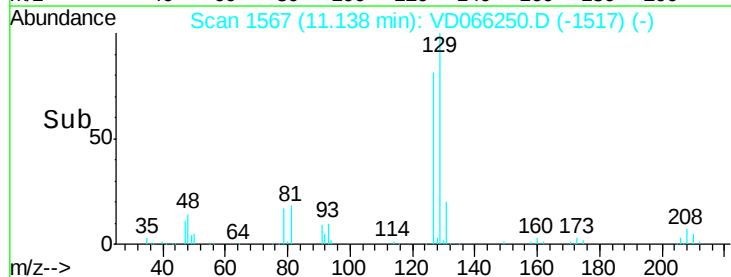
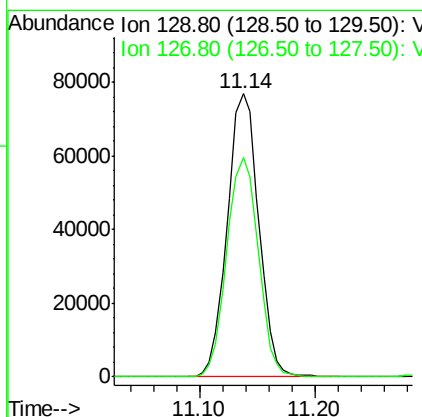
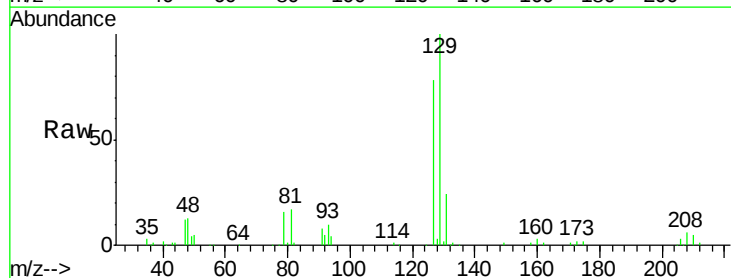
Manual Integrations
APPROVED

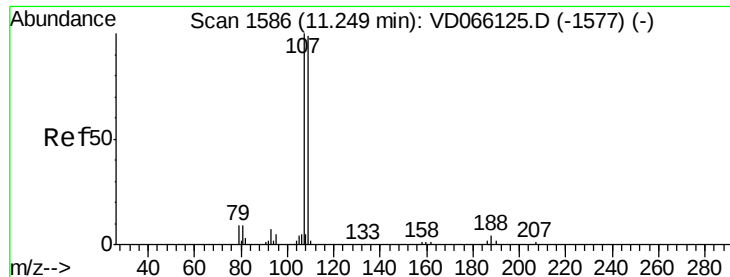
MMDadoda
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#60
Dibromochloromethane
Concen: 49.442 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion: 129 Resp: 145295
Ion Ratio Lower Upper
129 100
127 78.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 48.961 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 100228

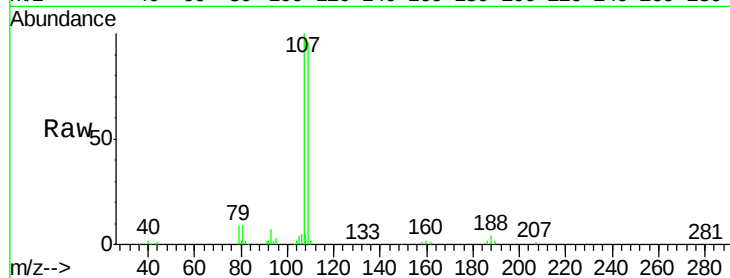
Ion Ratio Lower Upper

107 100

109 94.6 76.5 114.7

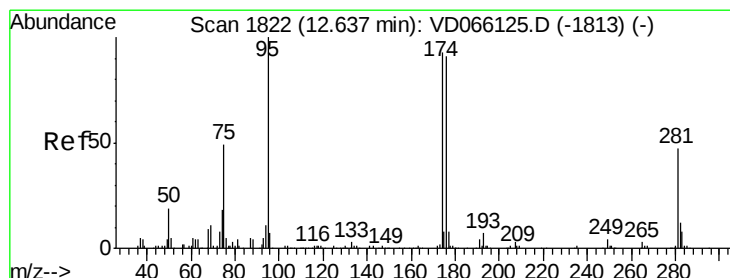
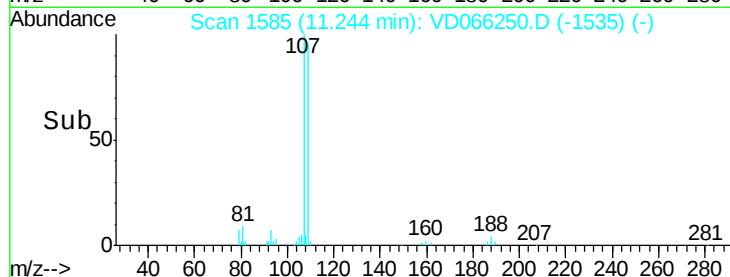
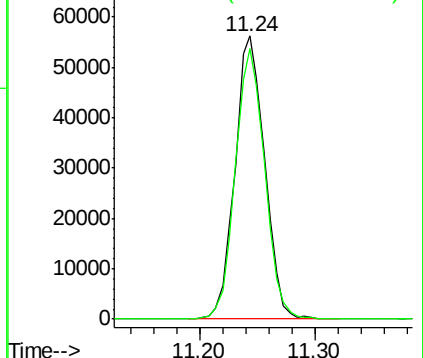
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.455 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

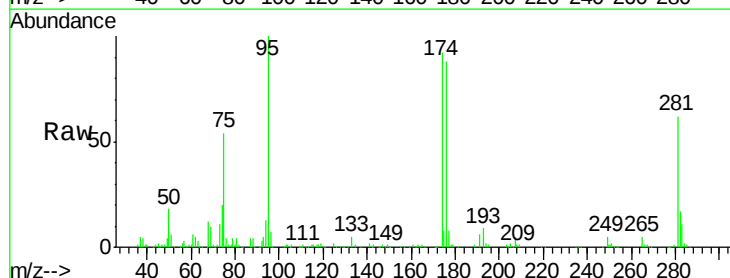
Tgt Ion: 95 Resp: 164777

Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.8

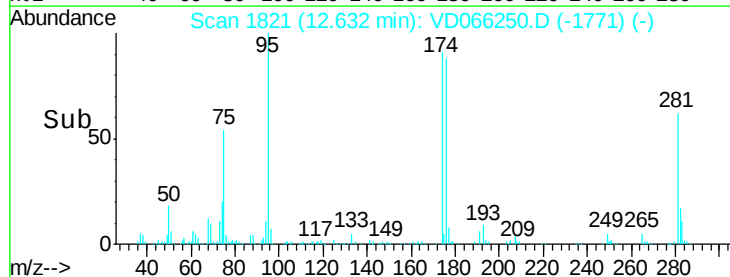
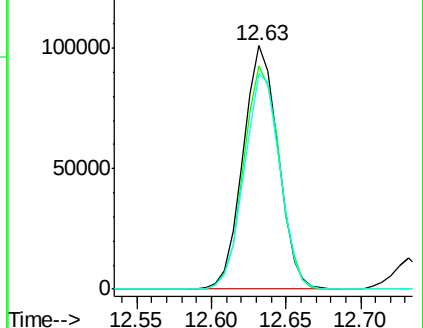
176 89.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





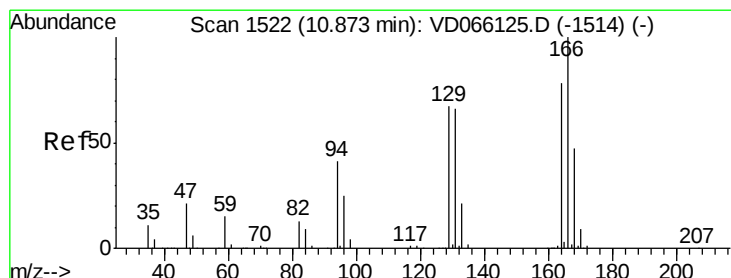
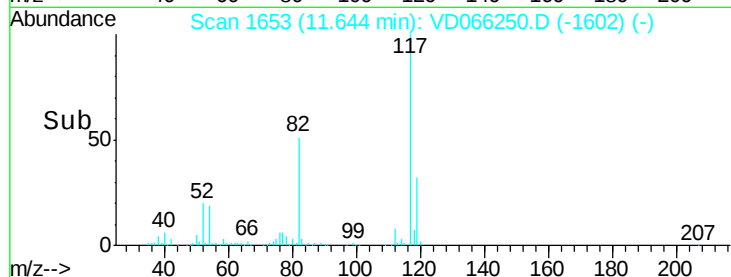
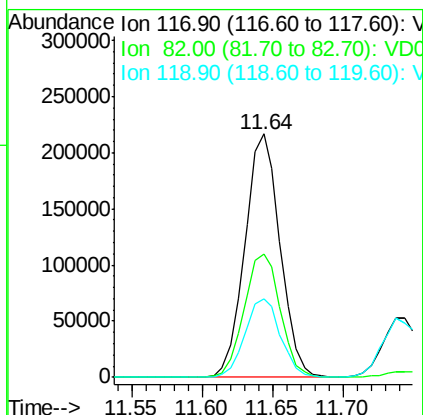
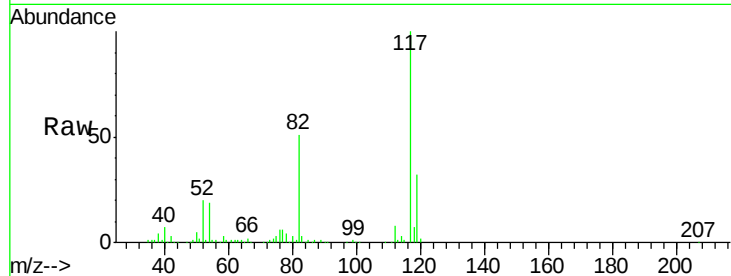
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	378290		
82	50.7		43.0	64.4
119	32.4		26.1	39.1

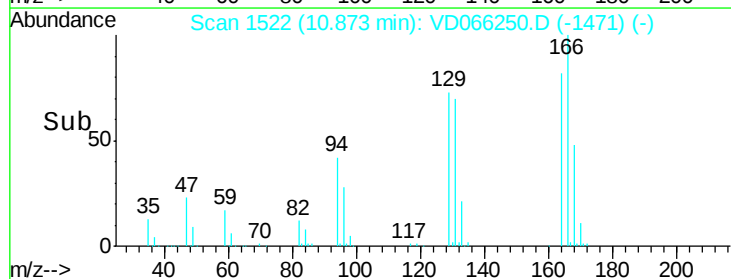
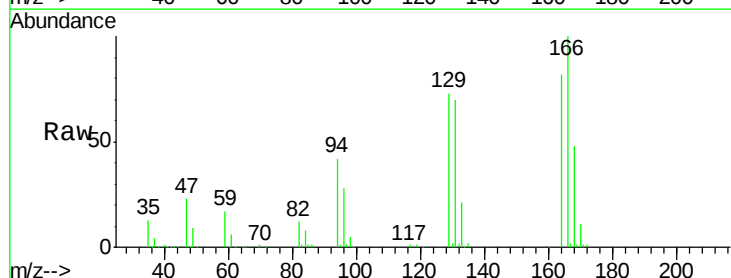
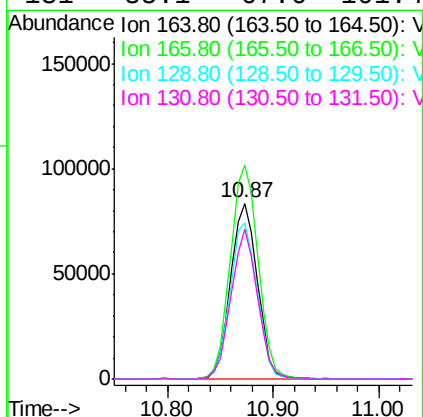
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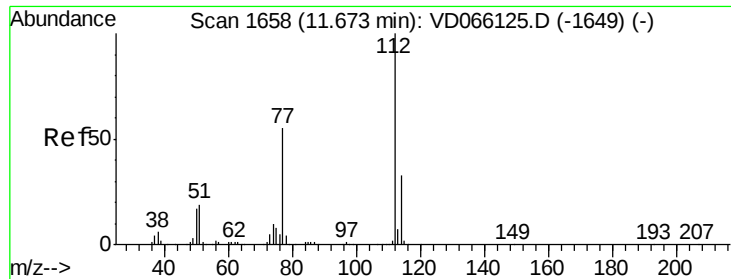
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#64
Tetrachloroethene
Concen: 50.350 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146258		
166	121.4		101.9	152.9
129	88.9		68.1	102.1
131	85.1		67.6	101.4





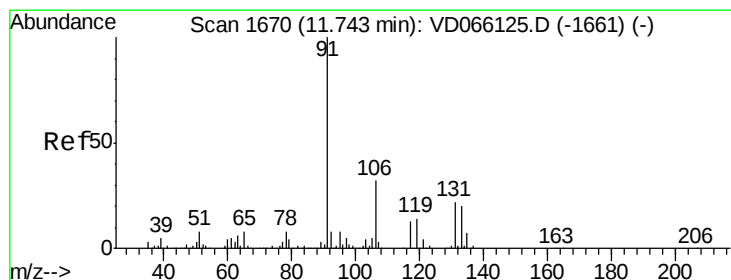
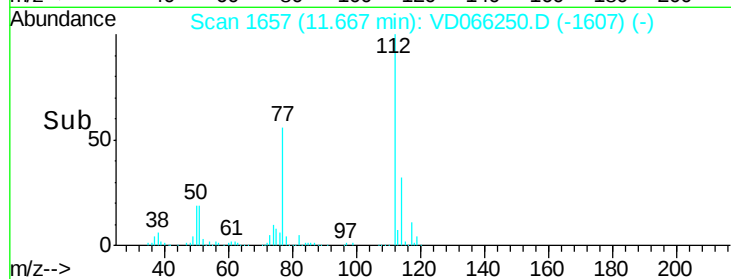
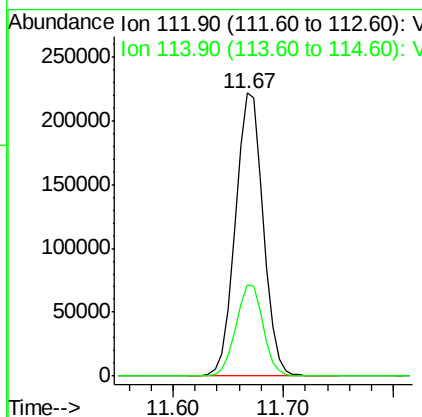
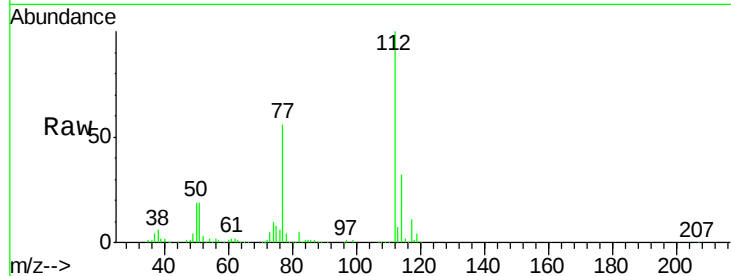
#65
Chlorobenzene
Concen: 50.998 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	391632		
114	32.2	26.1	39.1	

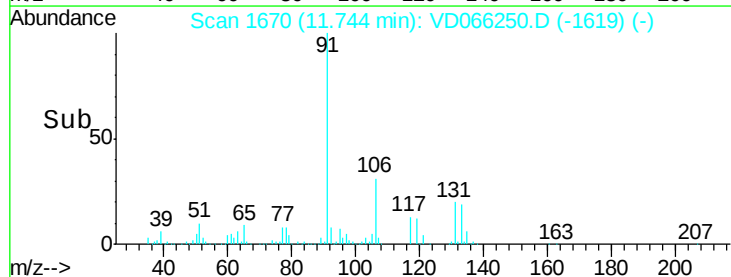
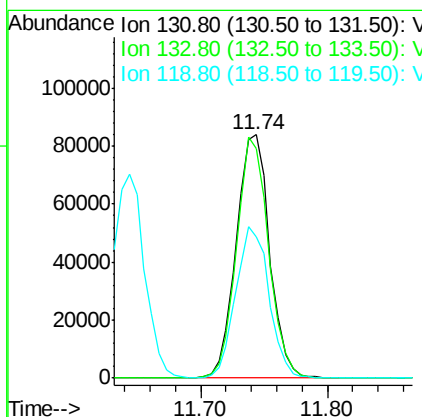
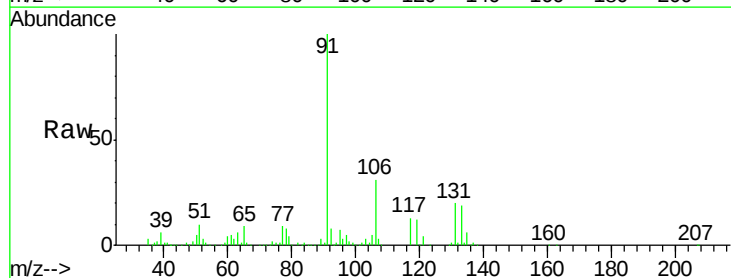
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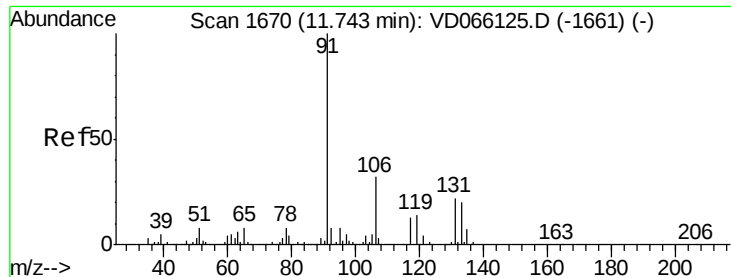
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.776 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	152567		
133	95.2	47.1	141.4	
119	62.2	31.6	94.7	





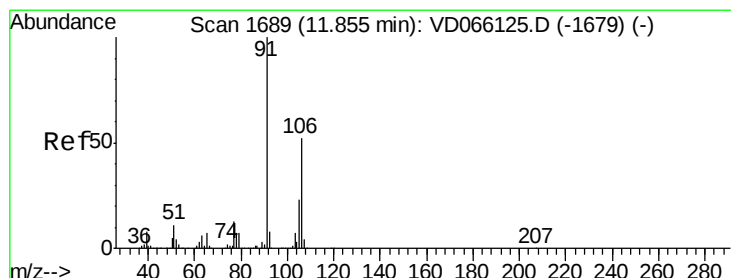
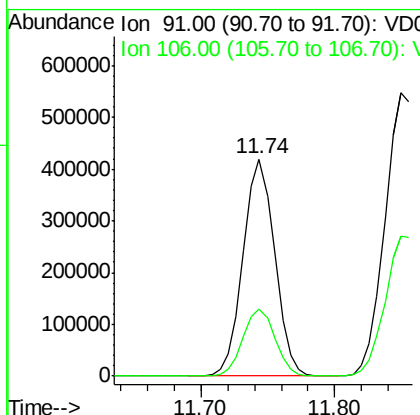
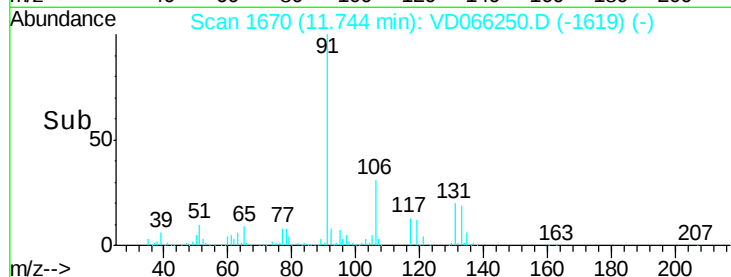
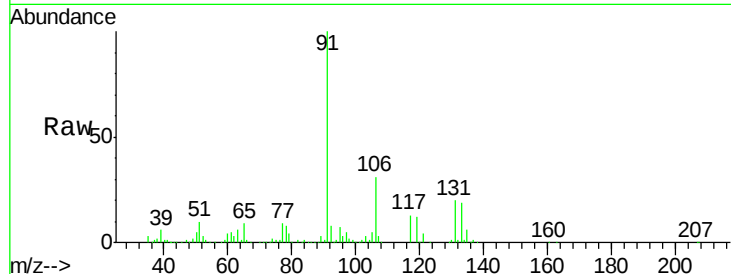
#67
Ethyl Benzene
Concen: 51.520 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 685619
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

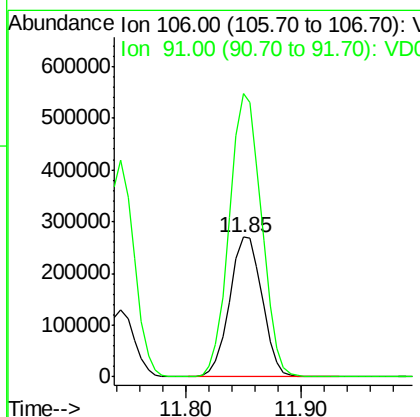
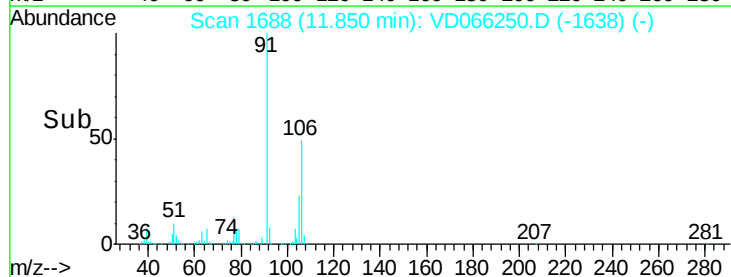
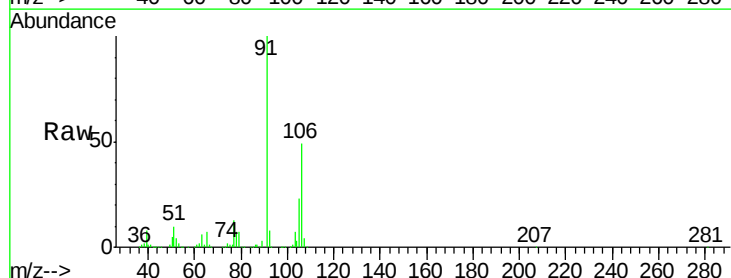
Manual Integrations
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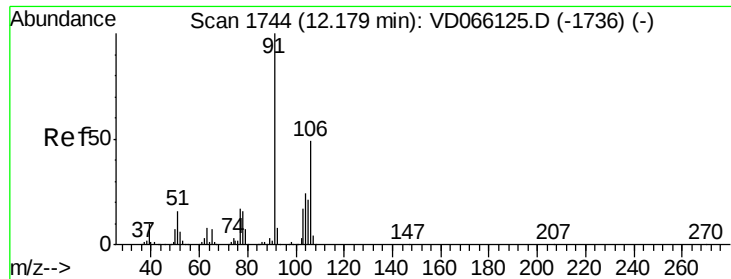
MMDadoda
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#68
m/p-Xylenes
Concen: 101.993 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion: 106 Resp: 525870
Ion Ratio Lower Upper
106 100
91 200.6 156.6 235.0





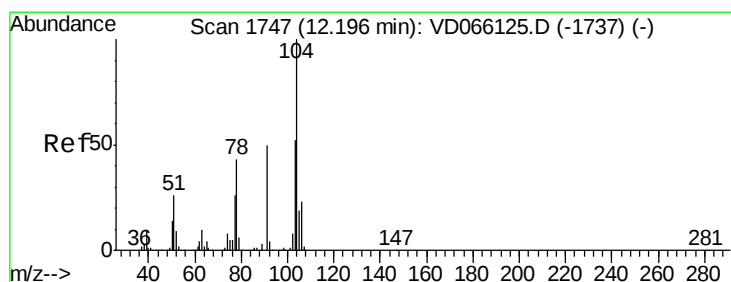
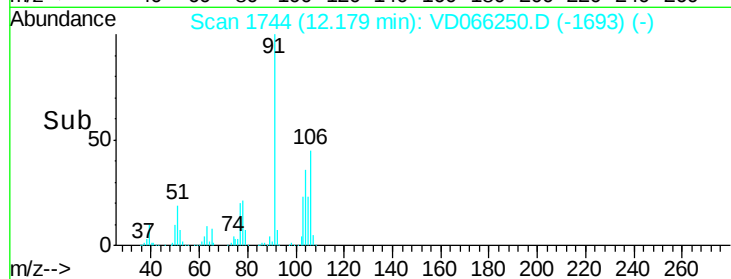
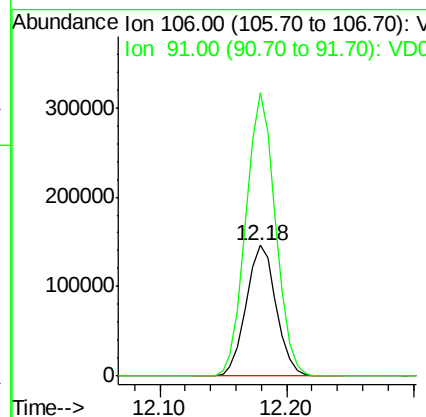
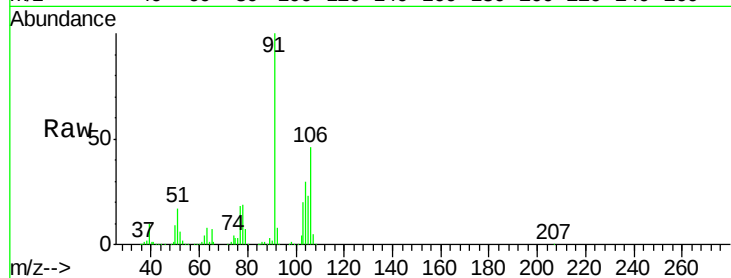
#69
o-Xylene
Concen: 51.288 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.4	105.7	317.1

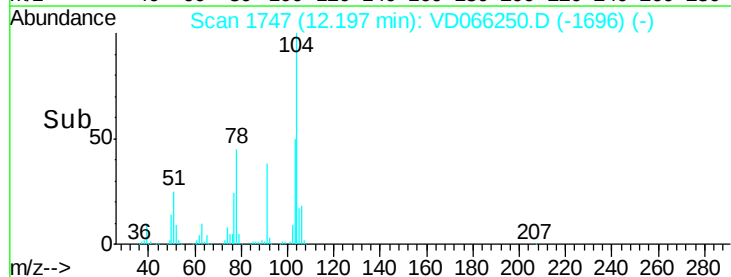
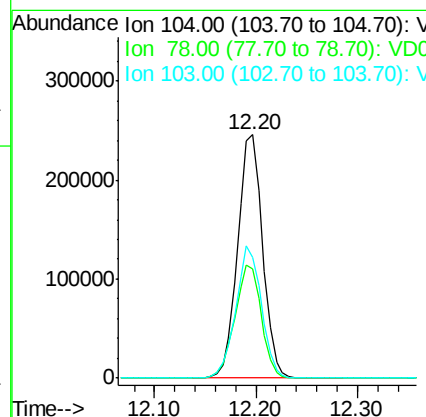
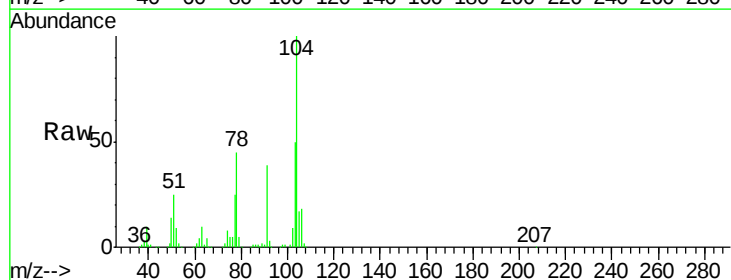
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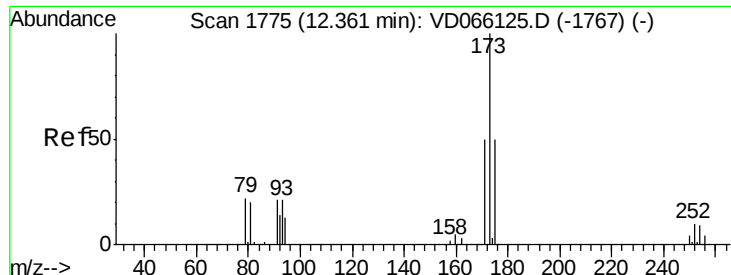
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#70
Styrene
Concen: 51.127 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.6	58.0
103	55.5	44.1	66.1





#71

Bromoform

Concen: 48.153 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

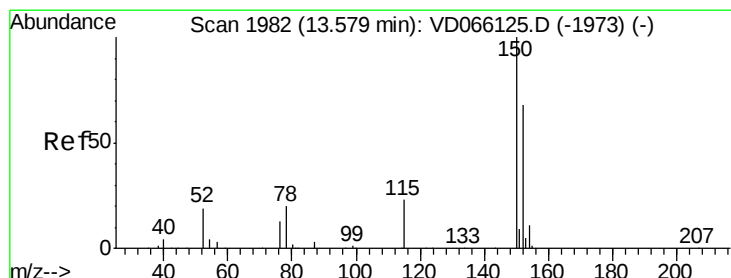
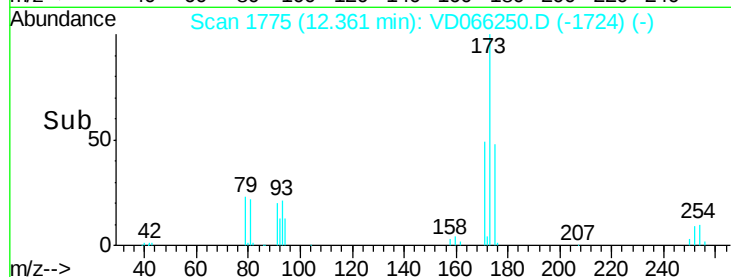
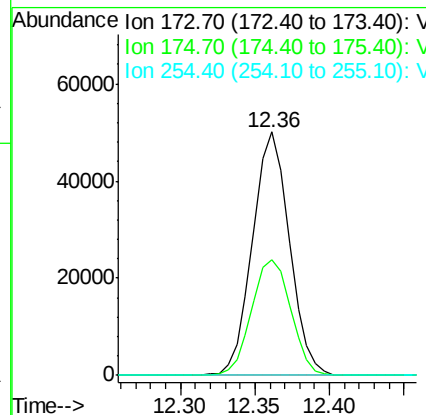
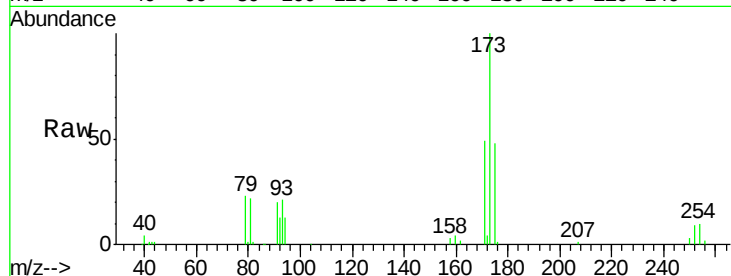
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.6	73.6
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

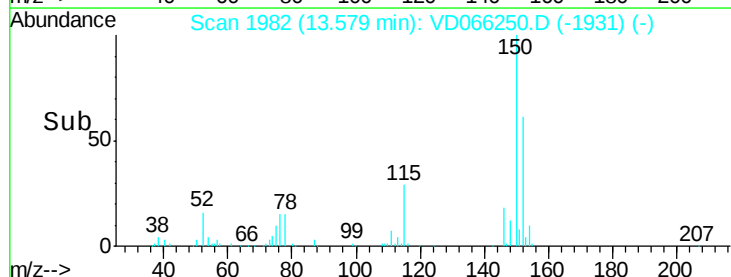
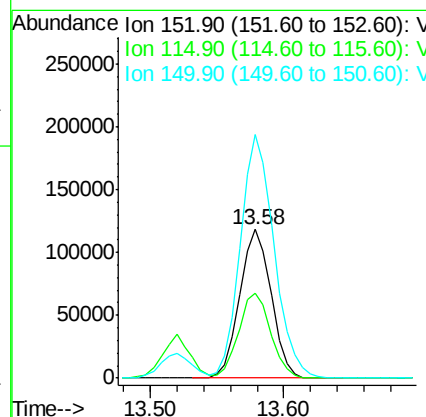
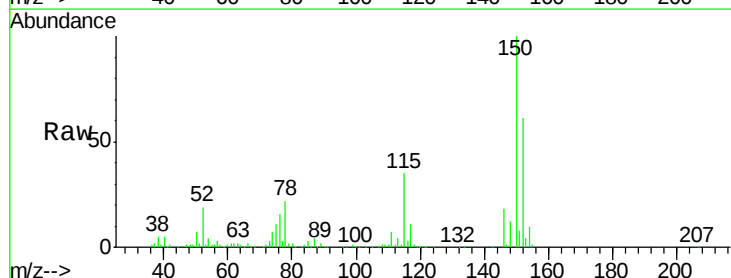
RT: 13.58 min Scan# 1982

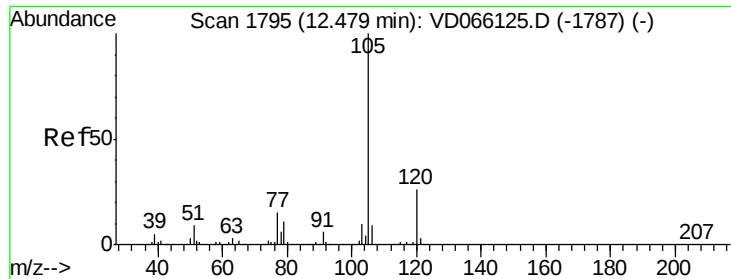
Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.0	83.9
150	175.4	0.0	346.4





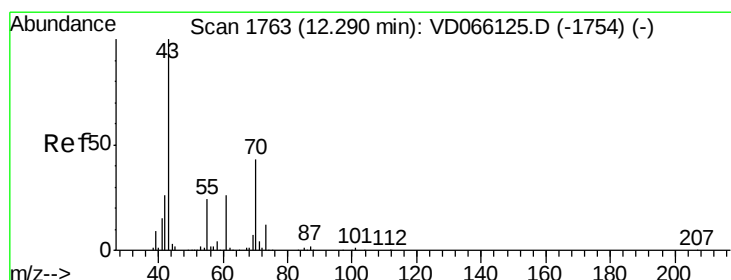
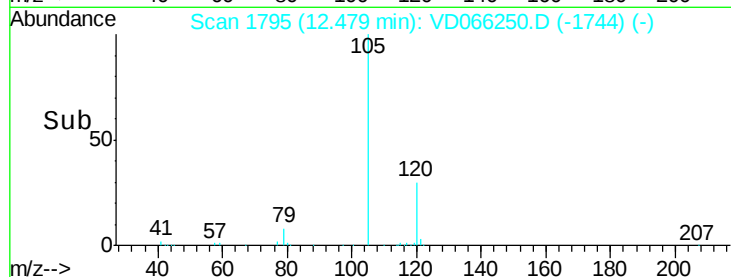
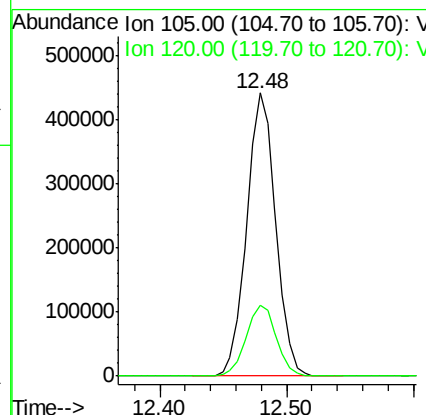
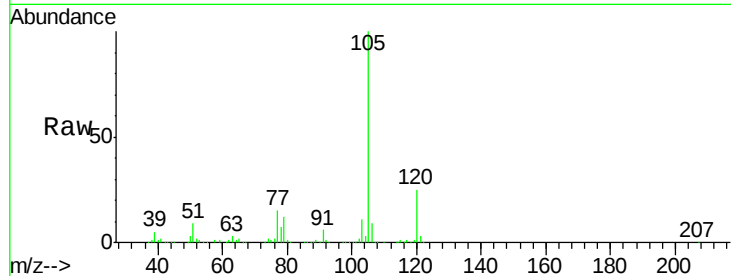
#73
Isopropylbenzene
Concen: 54.254 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	699533		
120	26.1	13.3	39.9	

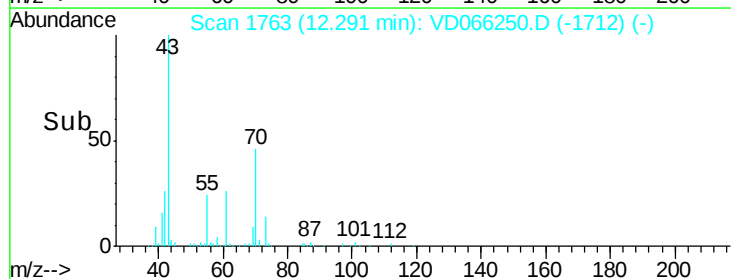
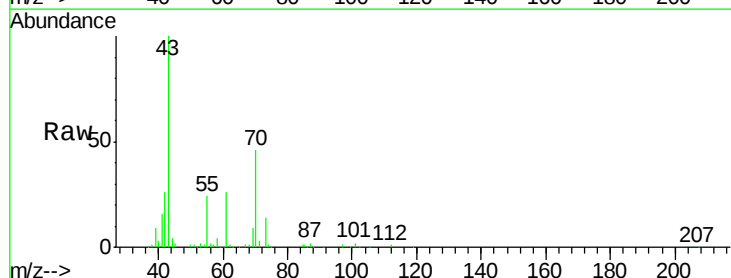
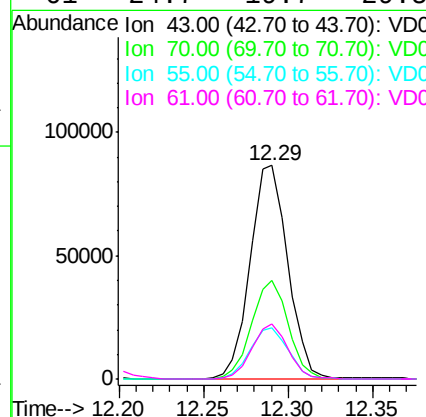
Manual Integrations
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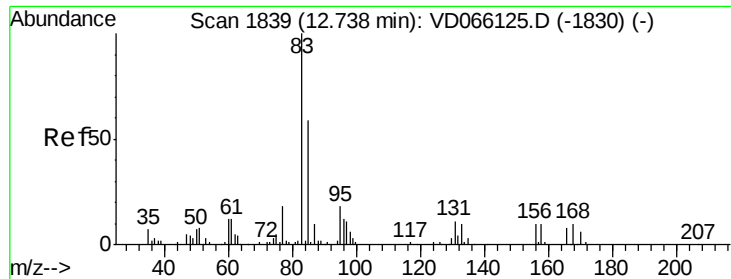
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#74
N-ethyl acetate
Concen: 47.465 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	134766		
70	45.1	34.9	52.3	
55	24.7	19.2	28.8	
61	24.7	19.7	29.5	





#75

1,1,2,2-Tetrachloroethane

Concen: 48.170 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

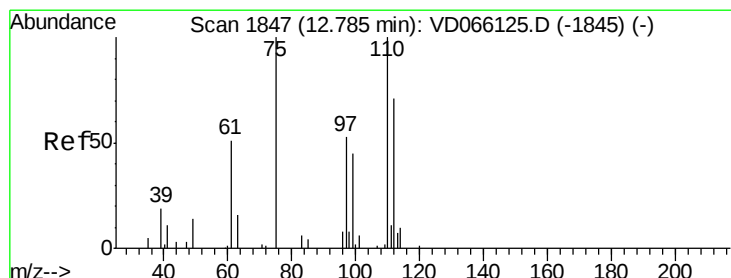
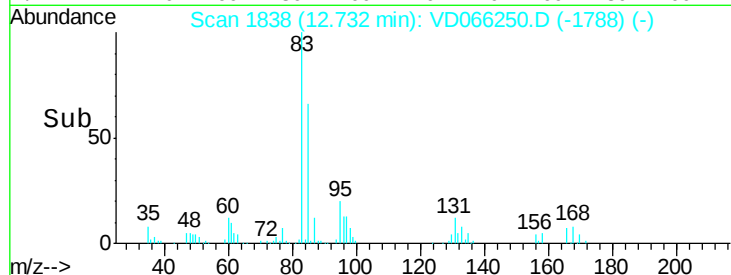
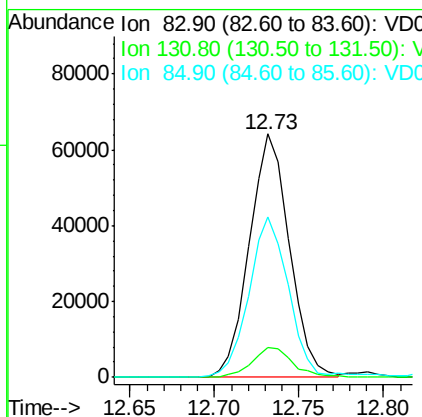
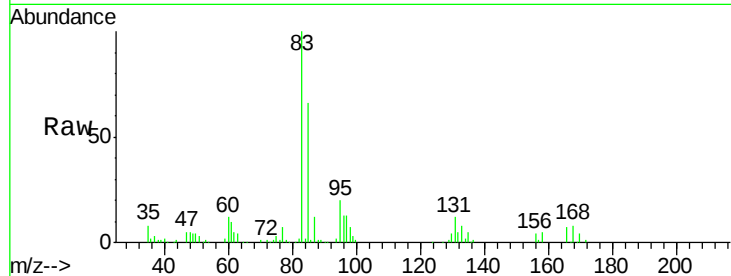
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105907
Ion Ratio	Lower	Upper	
83	100		
131	12.7	6.2	18.6
85	65.2	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 43.497 ug/l m

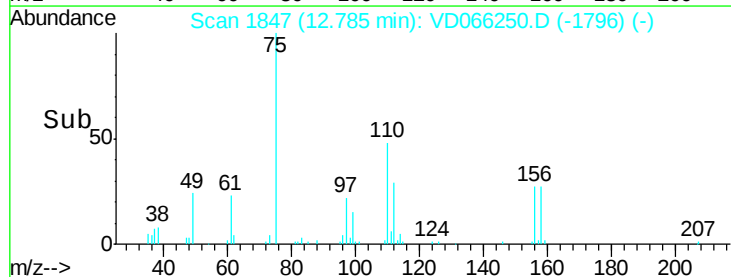
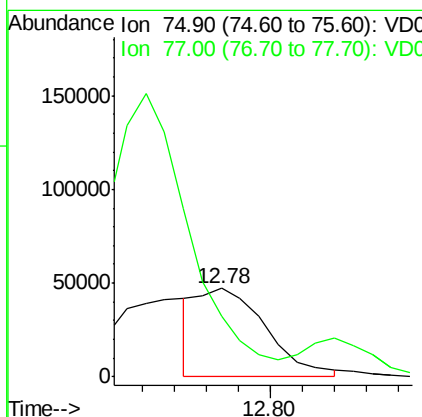
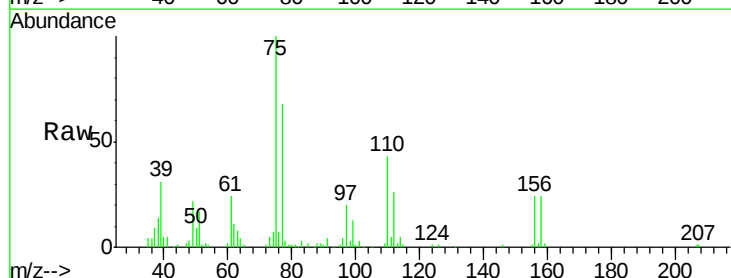
RT: 12.78 min Scan# 1847

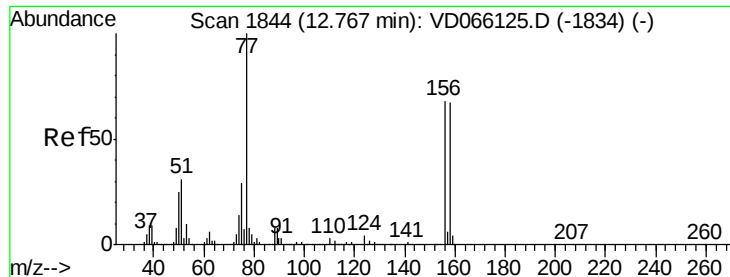
Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion:	75	Resp:	70065
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.761 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

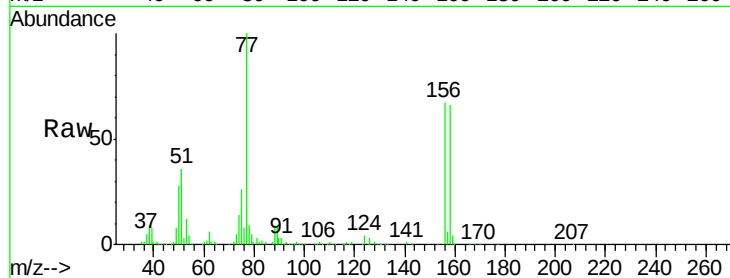
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	165163
Ion Ratio	Lower	Upper	
156	100		
77	167.1	81.0	243.1
158	98.7	48.8	146.3

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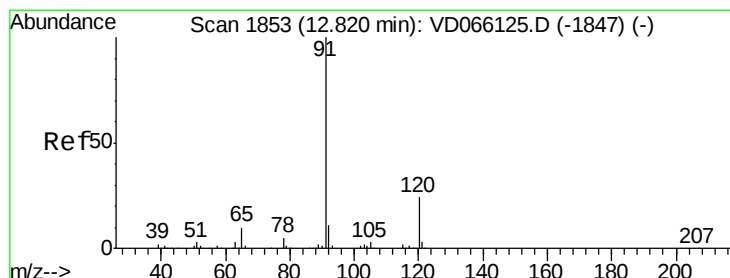
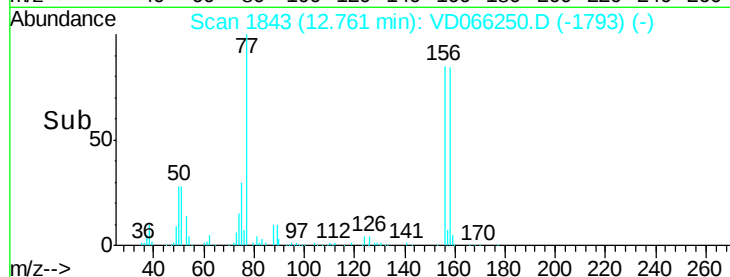
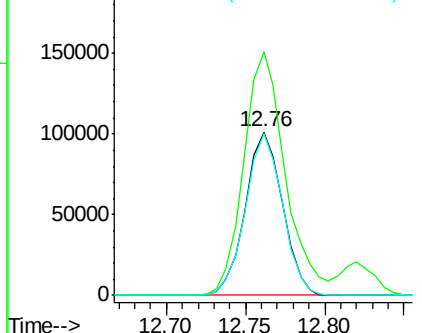
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.740 ug/l

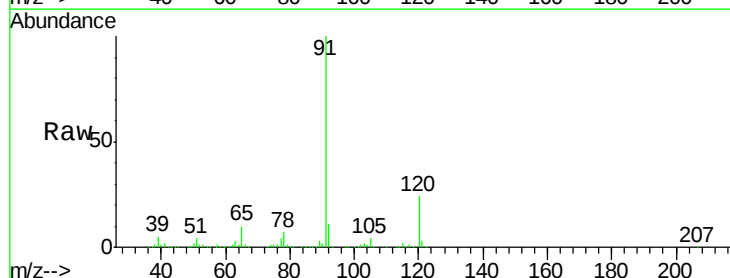
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066250.D

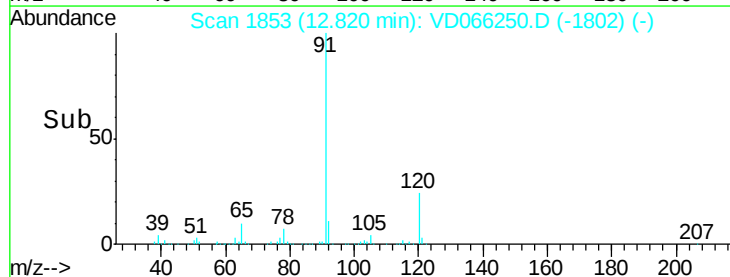
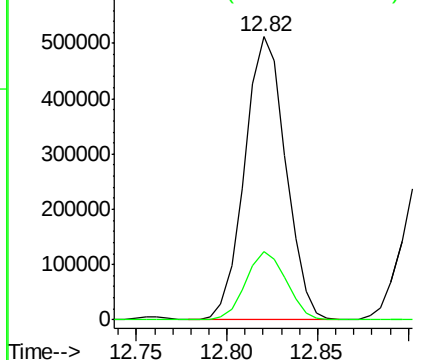
Acq: 17 Aug 2020 11:42

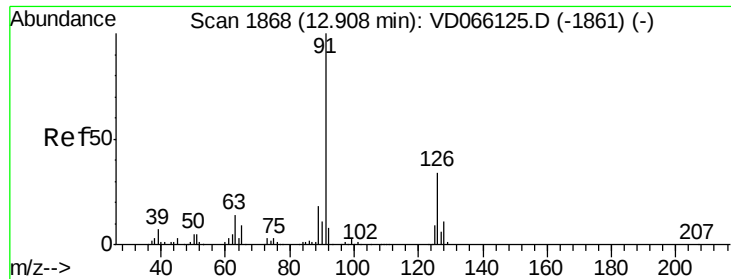
Tgt Ion:	91	Resp:	805453
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





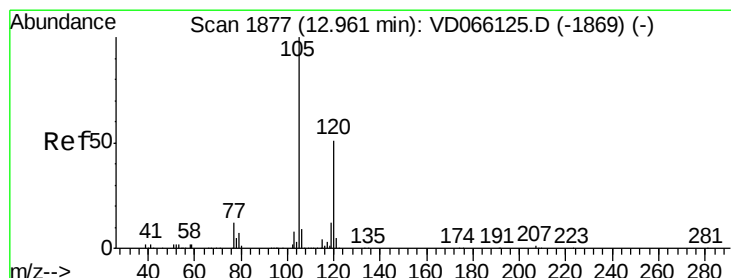
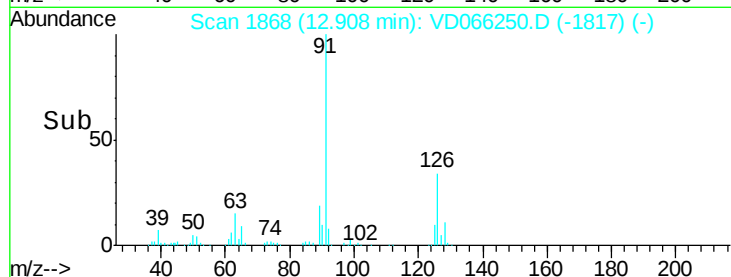
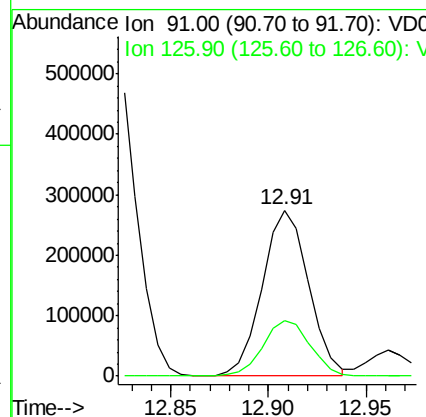
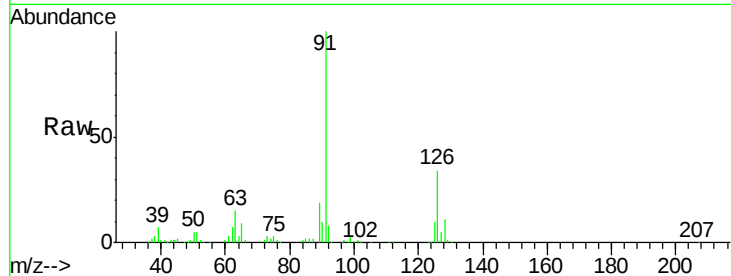
#79
2-Chlorotoluene
Concen: 52.337 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 448645
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.6

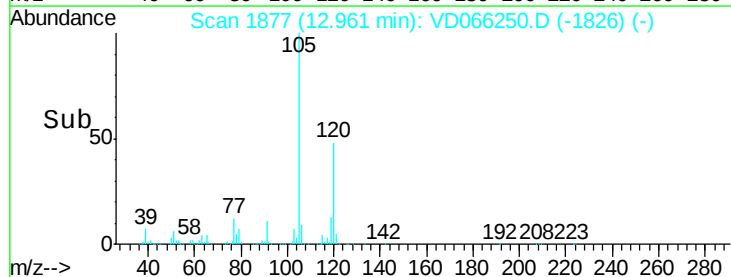
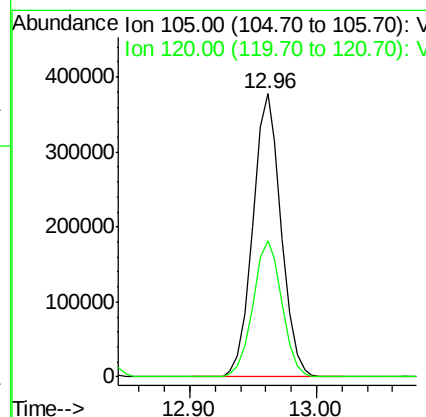
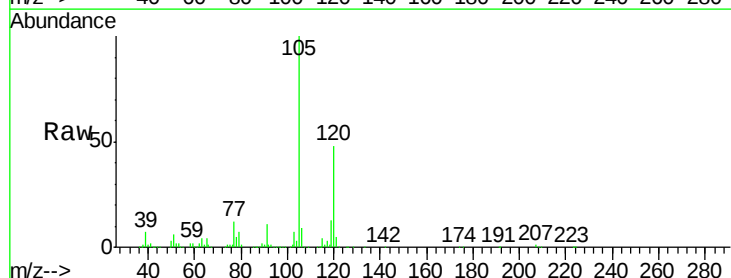
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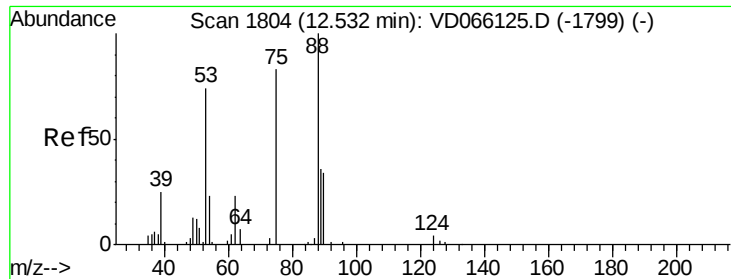
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#80
1,3,5-Trimethylbenzene
Concen: 54.318 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion: 105 Resp: 585712
Ion Ratio Lower Upper
105 100
120 49.0 25.3 75.8





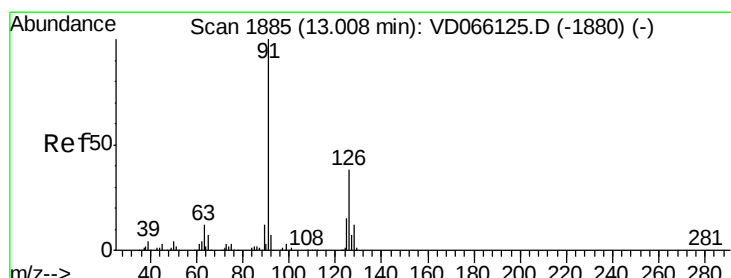
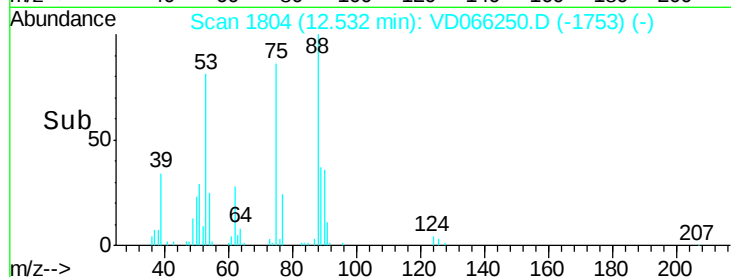
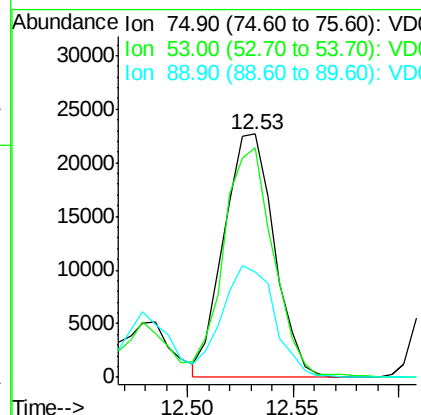
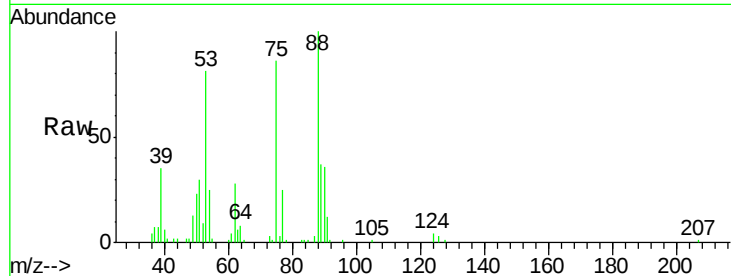
#81
trans-1,4-Dichloro-2-butene
Concen: 51.415 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.8	73.4	110.2
89	48.2	36.6	55.0

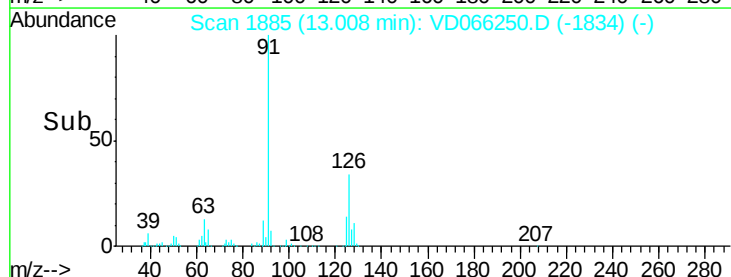
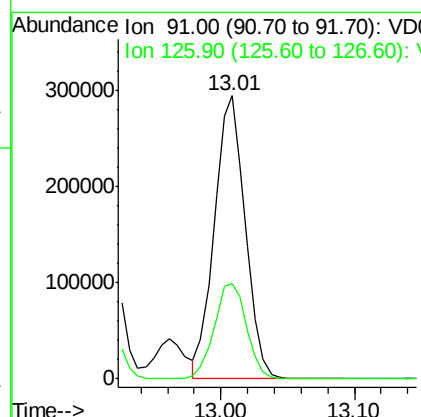
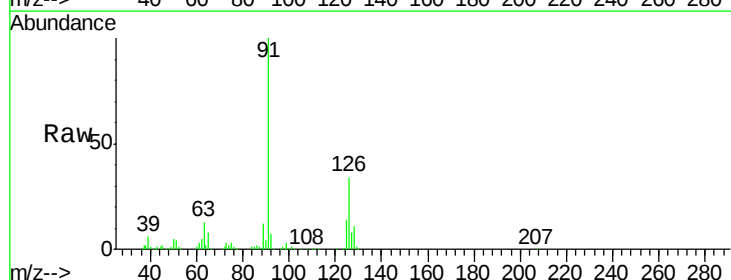
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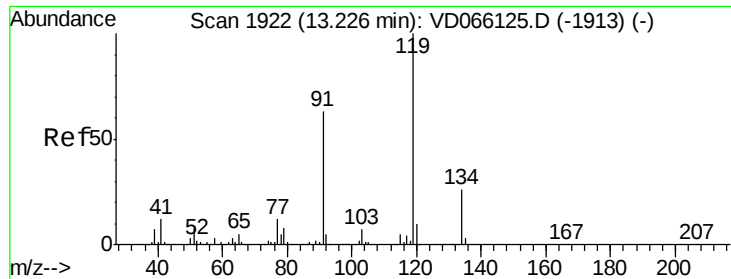
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#82
4-Chlorotoluene
Concen: 52.507 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.3





#83

tert-Butylbenzene

Concen: 54.482 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

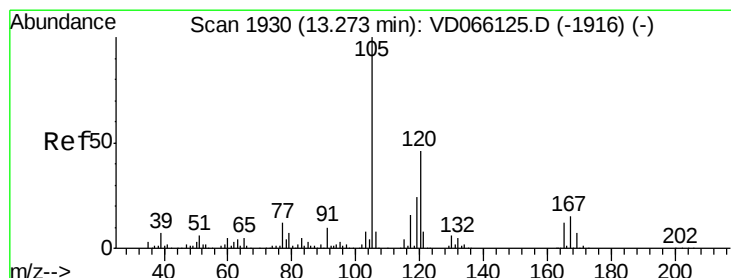
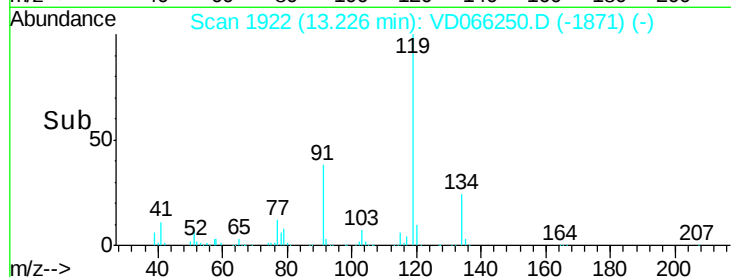
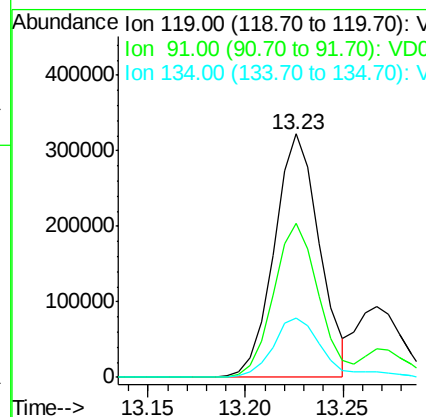
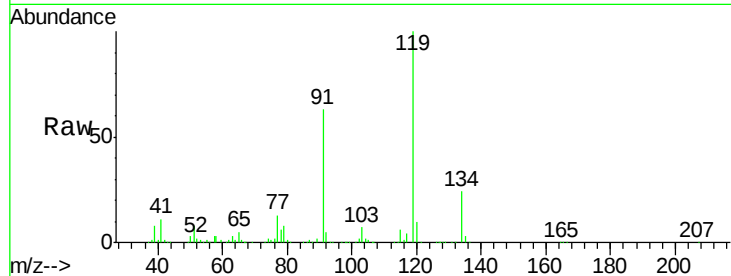
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	516660
Ion Ratio	Lower	Upper	
119	100		
91	63.3	30.8	92.4
134	27.0	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.007 ug/l

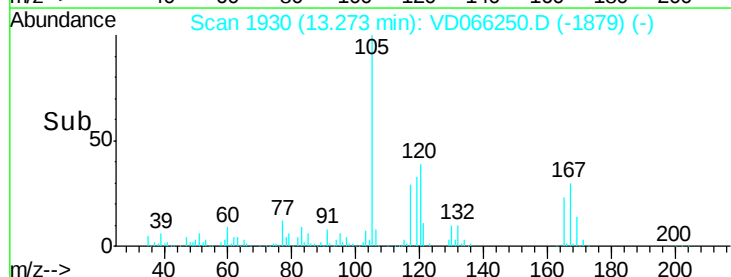
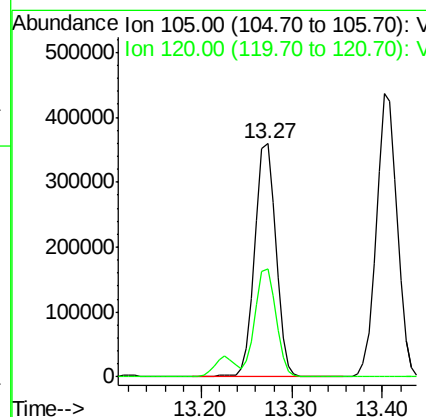
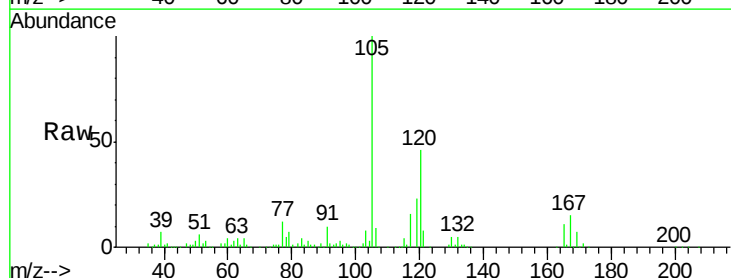
RT: 13.27 min Scan# 1930

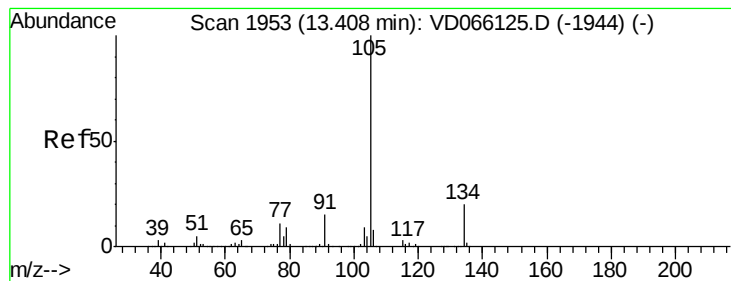
Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Tgt Ion:	105	Resp:	582805
Ion Ratio	Lower	Upper	
105	100		
120	45.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 54.509 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 697893

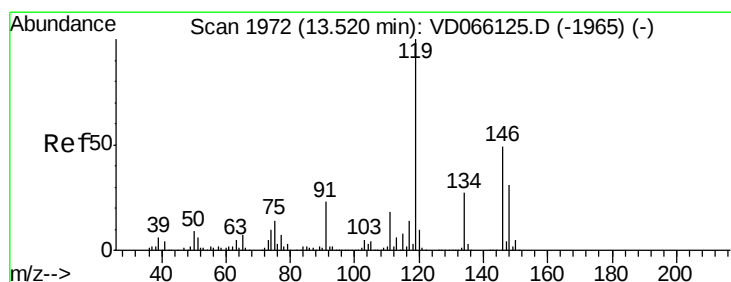
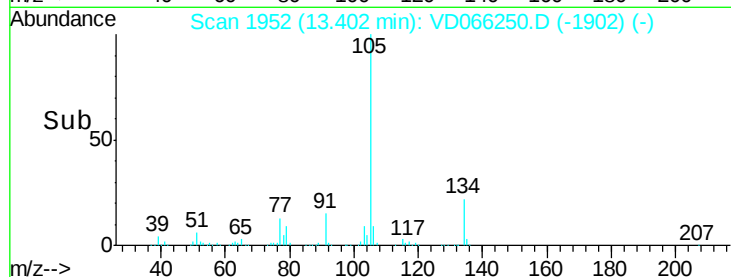
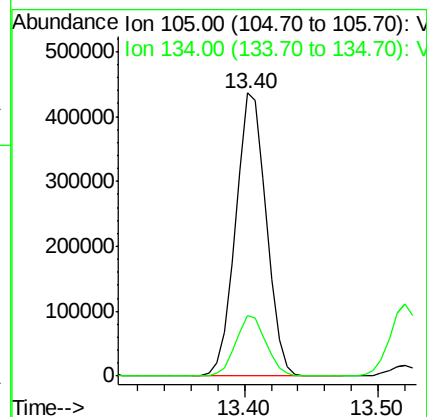
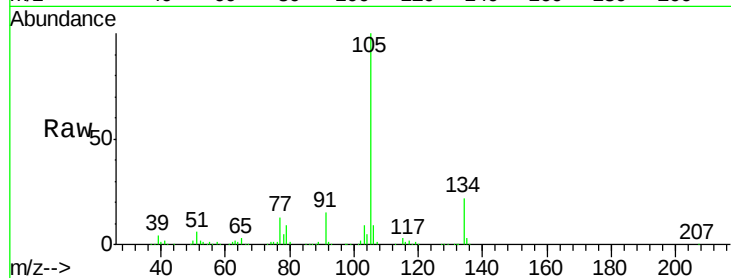
Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 54.171 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066250.D

Acq: 17 Aug 2020 11:42

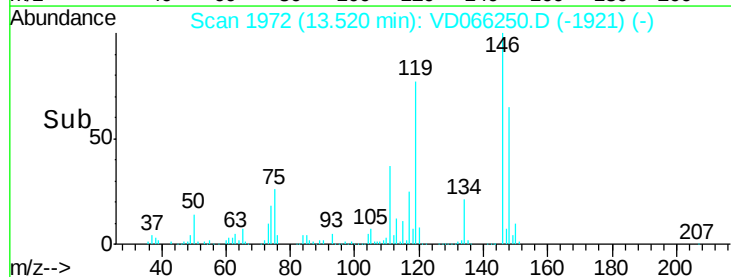
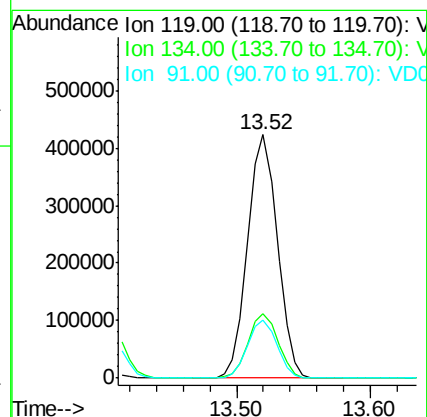
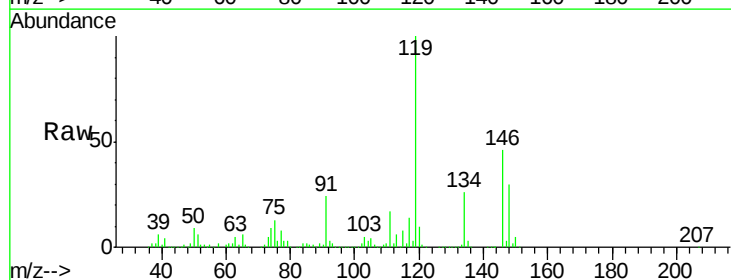
Tgt Ion:119 Resp: 650511

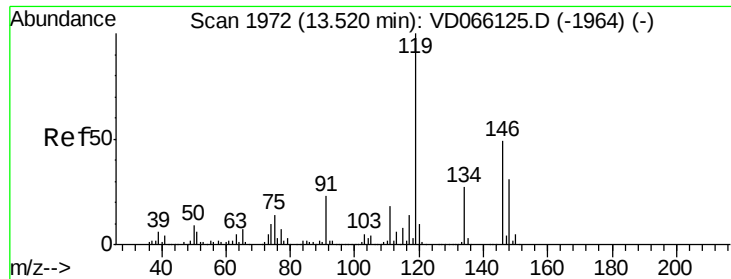
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.6 11.2 33.5





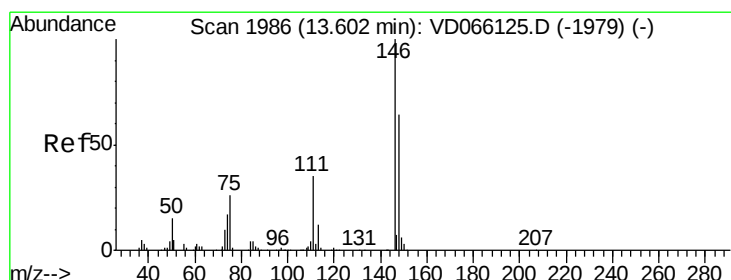
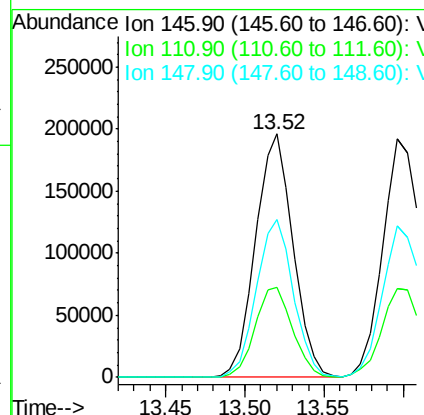
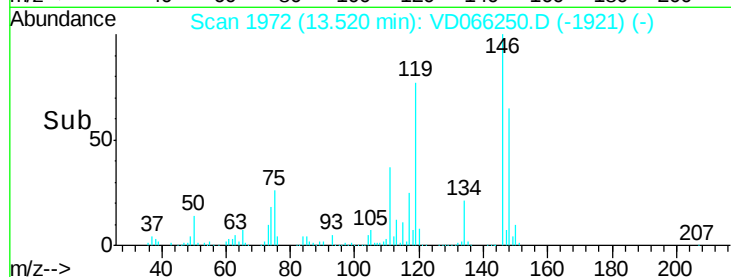
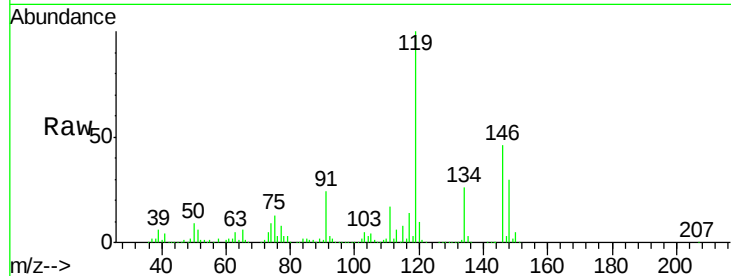
#87
 1,3-Dichlorobenzene
 Concen: 51.661 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	322268		
111	37.1	18.9	56.9	
148	64.1	31.8	95.3	

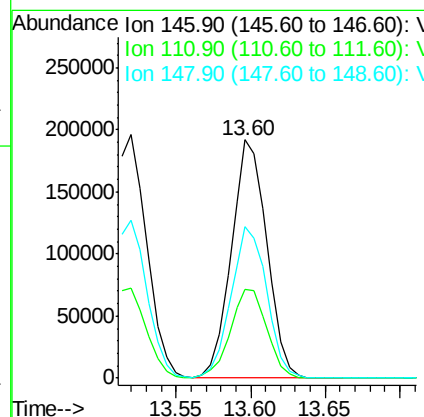
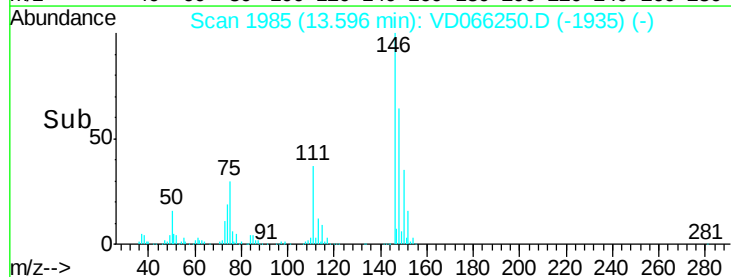
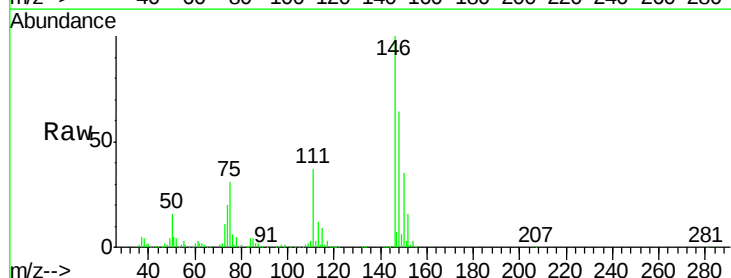
Manual Integrations
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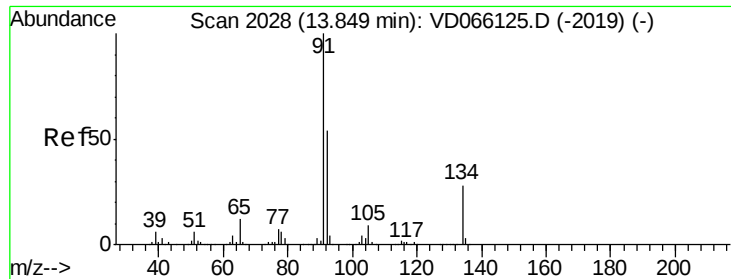
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#88
 1,4-Dichlorobenzene
 Concen: 51.101 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317909		
111	38.5	18.6	55.8	
148	63.8	32.4	97.0	





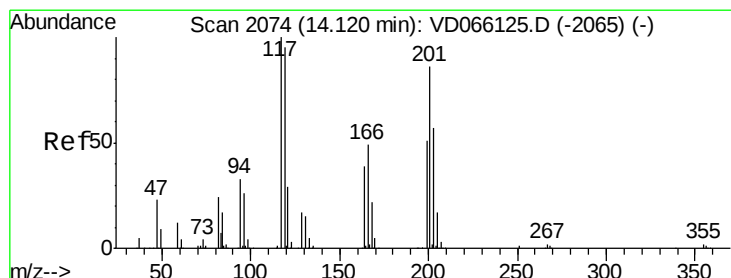
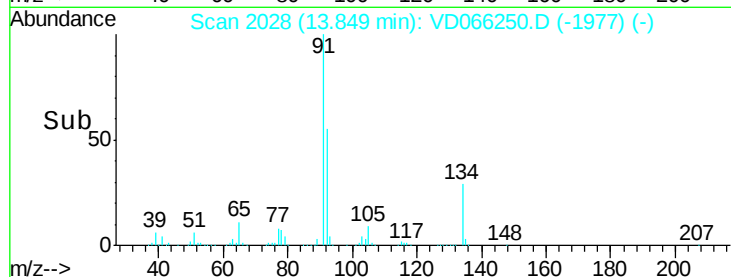
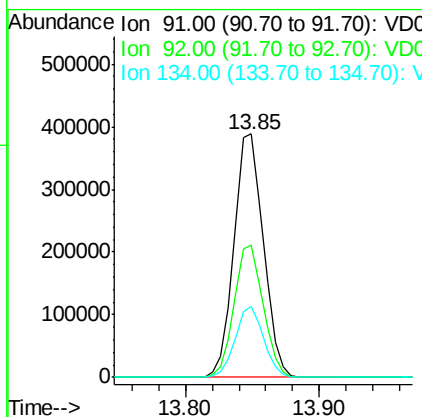
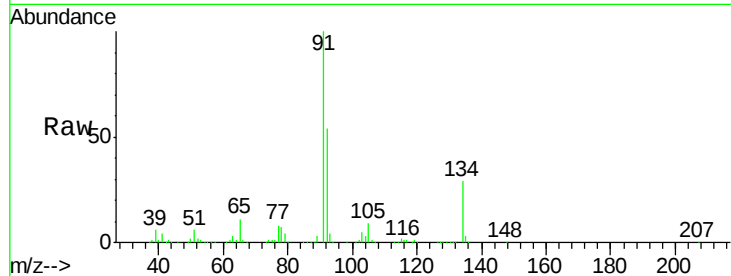
#89
n-Butylbenzene
Concen: 55.459 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.7	26.8	80.3	
134	28.0	14.0	41.9	

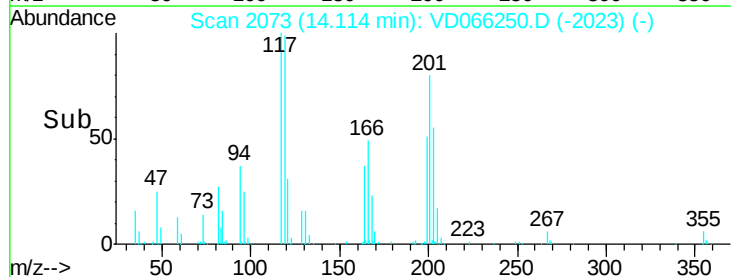
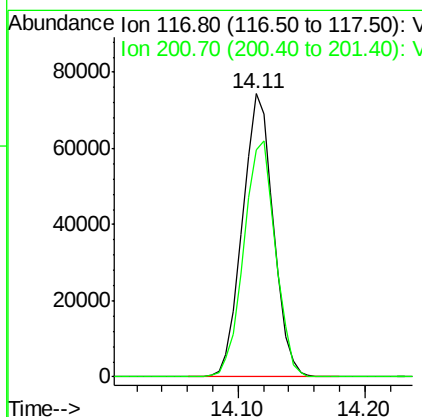
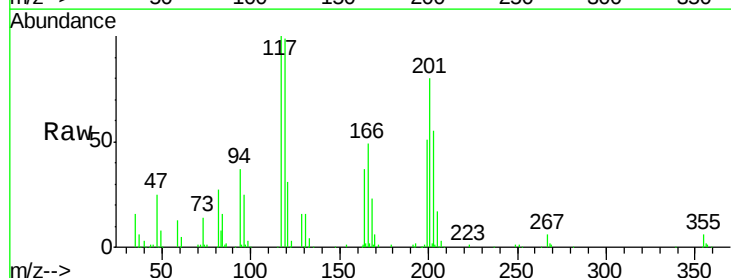
Manual Integrations
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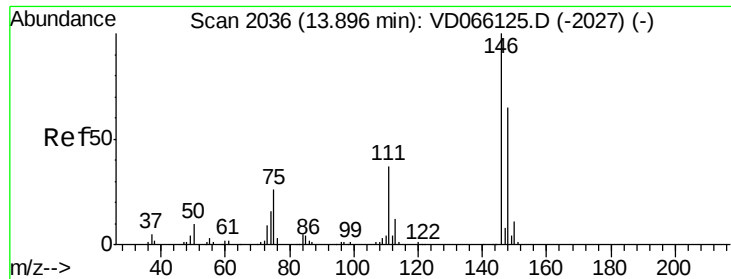
MMDadoda
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#90
Hexachloroethane
Concen: 52.493 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.7	42.7	128.1	





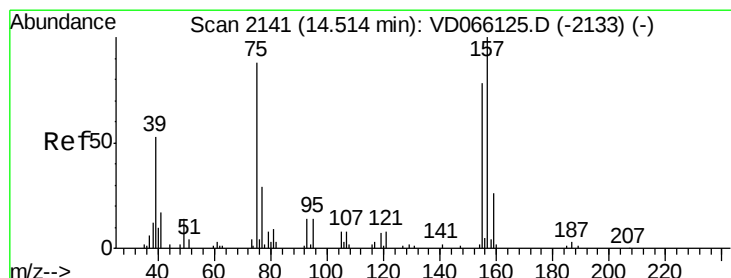
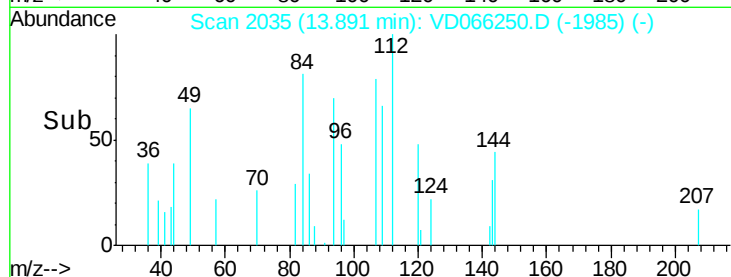
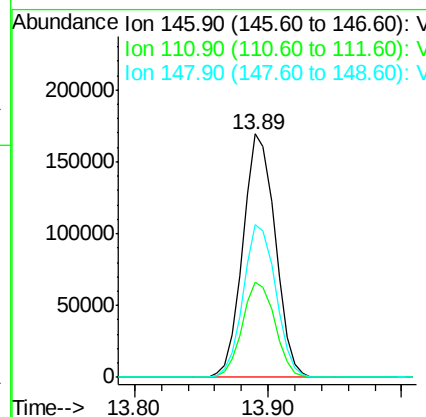
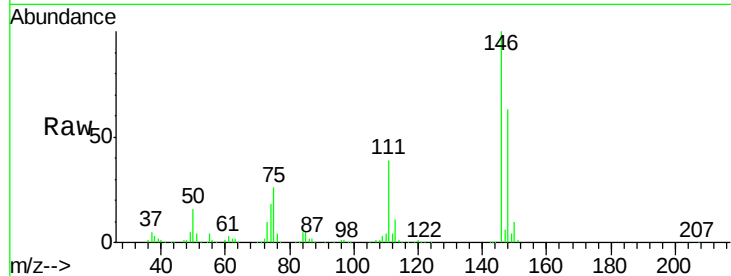
#91
1,2-Dichlorobenzene
Concen: 51.280 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	282903		
111	39.5	18.8	56.3	
148	63.2	31.9	95.5	

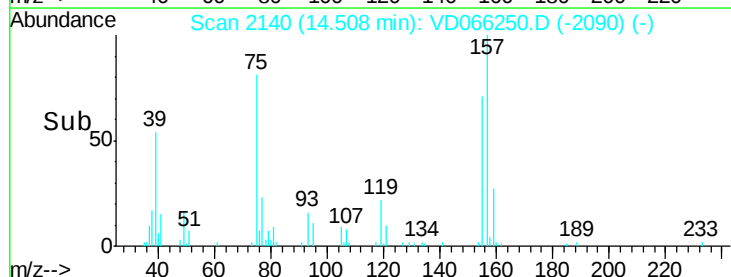
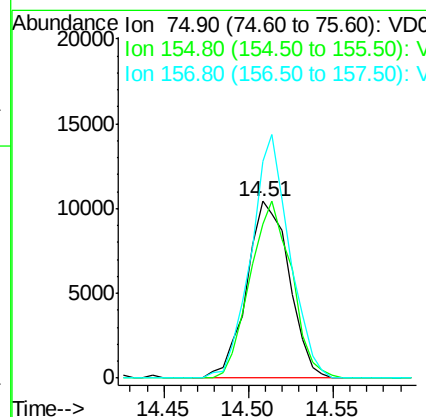
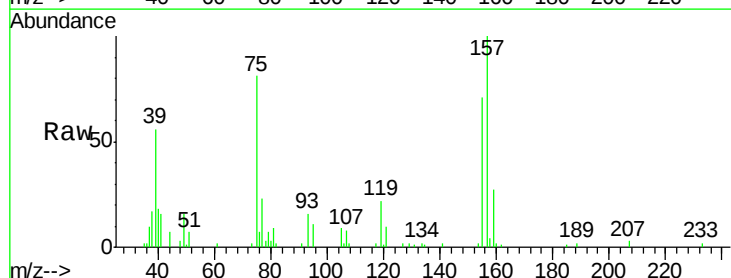
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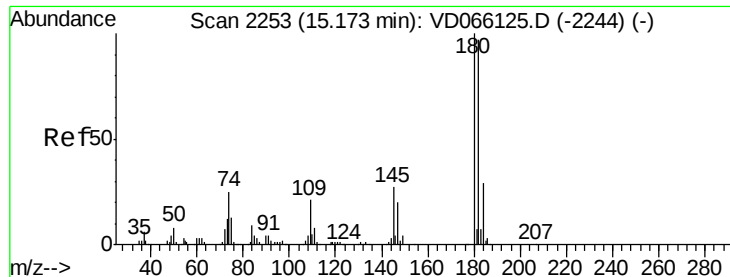
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.242 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18229		
155	98.1	47.7	143.1	
157	124.7	62.1	186.2	





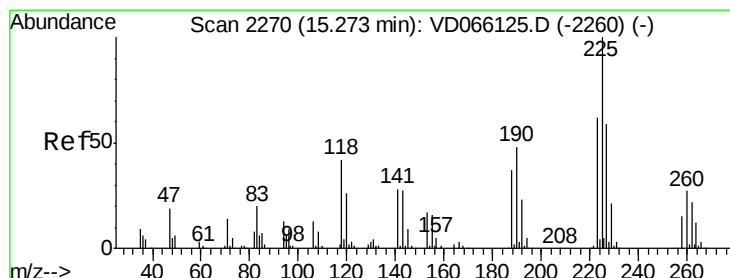
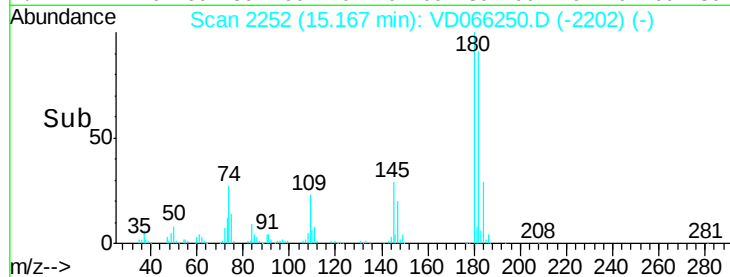
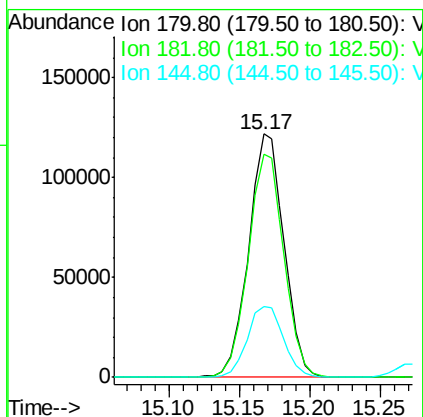
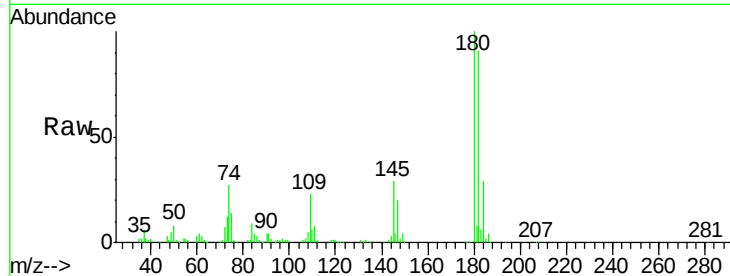
#93
 1,2,4-Trichlorobenzene
 Concen: 52.419 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	213112
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.4	142.2
145	30.2	14.5	43.6

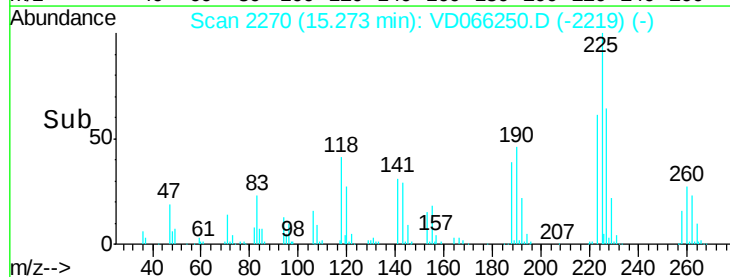
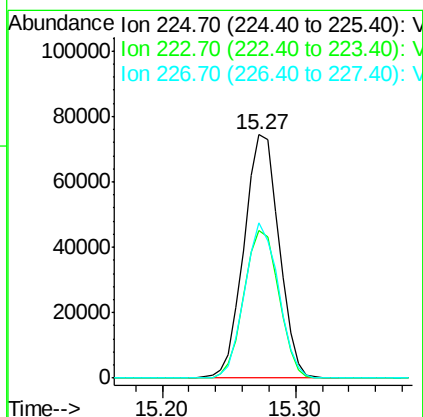
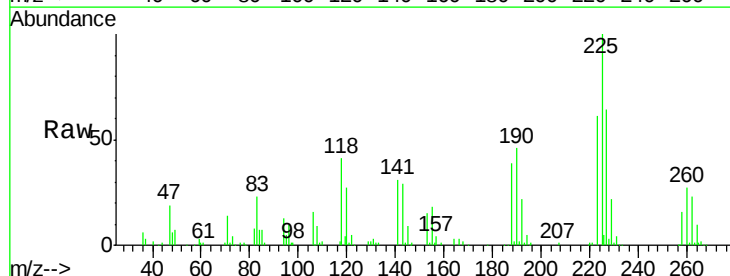
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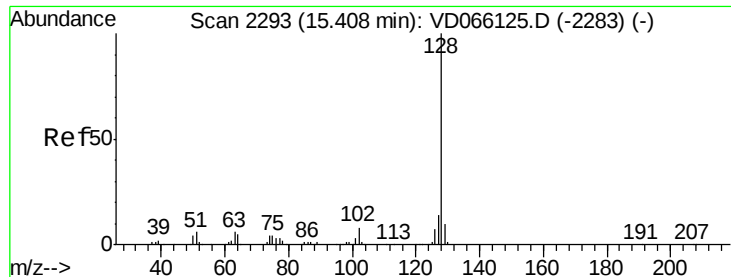
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#94
 Hexachlorobutadiene
 Concen: 56.248 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066250.D
 Acq: 17 Aug 2020 11:42

Tgt Ion:	225	Resp:	134660
Ion Ratio	Lower	Upper	
225	100		
223	60.5	32.3	96.9
227	61.6	32.1	96.5





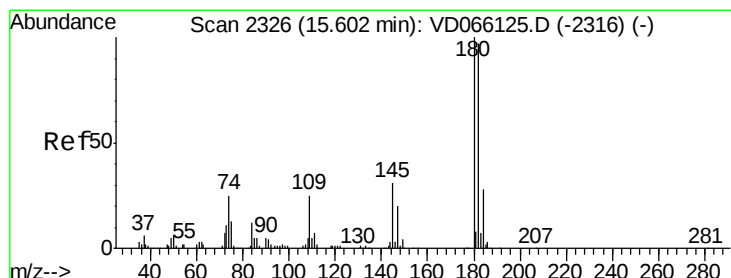
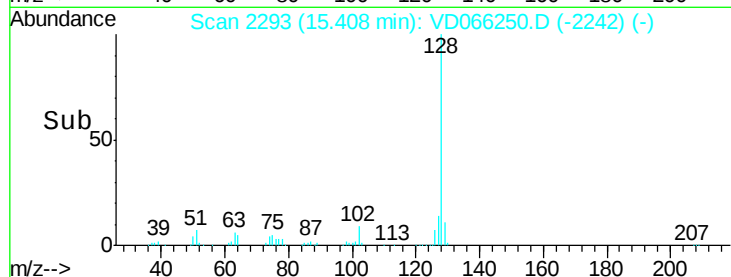
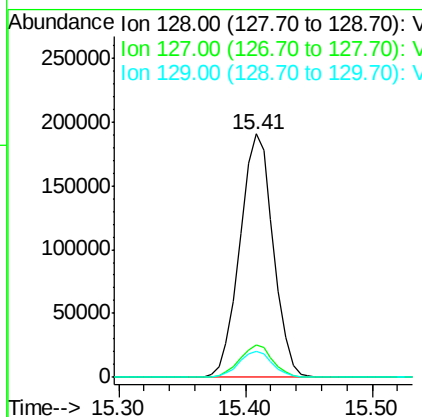
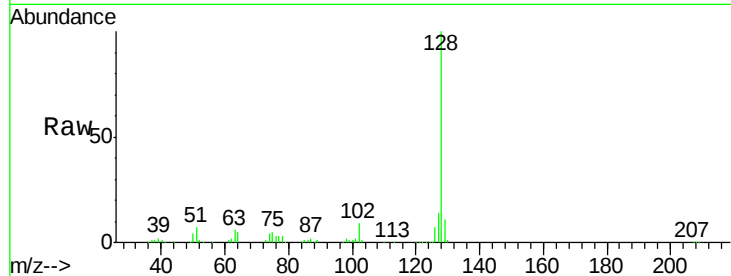
#95
Naphthalene
Concen: 52.401 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.743 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066250.D
Acq: 17 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.4
145	31.7	14.9	44.9

