

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065925.D
 Acq On : 07 Jul 2020 15:55
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:27 PM

Quant Time: Jul 08 09:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	437481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	654813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	508725	131.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.42%	
35) Dibromofluoromethane	7.91	113	547603	135.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.12%	
50) Toluene-d8	10.34	98	2014883	136.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.42%	
62) 4-Bromofluorobenzene	12.64	95	700218	138.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	477052	122.660	ug/l	98
3) Chloromethane	2.21	50	502817	130.416	ug/l	98
4) Vinyl Chloride	2.35	62	463170	130.837	ug/l	97
5) Bromomethane	2.75	94	275582	122.896	ug/l	95
6) Chloroethane	2.91	64	276635	130.726	ug/l	91
7) Trichlorofluoromethane	3.27	101	1012107	133.396	ug/l	99
8) Diethyl Ether	3.70	74	294387	141.431	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	609494	134.299	ug/l	99
10) Methyl Iodide	4.30	142	731811	169.789	ug/l	99
11) Tert butyl alcohol	5.23	59	167806	610.977	ug/l	99
12) 1,1-Dichloroethene	4.07	96	584774	137.924	ug/l	94
13) Acrolein	3.92	56	133428	583.303	ug/l	99
14) Allyl chloride	4.71	41	1012087	140.861	ug/l	100
15) Acrylonitrile	5.42	53	654678	718.364	ug/l	98
16) Acetone	4.15	43	604976	665.813	ug/l	99
17) Carbon Disulfide	4.41	76	1846134	136.657	ug/l	99
18) Methyl Acetate	4.71	43	283588	133.146	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	1296038	144.387	ug/l	99
20) Methylene Chloride	4.96	84	647950	100.386	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	658133	137.967	ug/l	99
22) Diisopropyl ether	6.36	45	1873613	138.760	ug/l	98
23) Vinyl Acetate	6.30	43	5517990	715.953	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1110223	137.892	ug/l	99
25) 2-Butanone	7.21	43	824313	686.549	ug/l	99
26) 2,2-Dichloropropane	7.21	77	951872	135.141	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	715759	139.650	ug/l	99
28) Bromochloromethane	7.55	49	395450	130.017	ug/l	97
29) Tetrahydrofuran	7.56	42	529804	693.934	ug/l	99
30) Chloroform	7.71	83	1117564	136.917	ug/l	99
31) Cyclohexane	7.98	56	1030988	130.145	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	1033701	138.773	ug/l	99
36) 1,1-Dichloropropene	8.11	75	895176	138.417	ug/l	99
37) Ethyl Acetate	7.29	43	383737	141.613	ug/l	98
38) Carbon Tetrachloride	8.10	117	944307	136.228	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1141728	143.796	ug/l	98
40) Benzene	8.35	78	2488173	139.264	ug/l	98
41) Methacrylonitrile	7.53	41	197545m	122.652	ug/l	
42) 1,2-Dichloroethane	8.43	62	693693	137.053	ug/l	100
43) Isopropyl Acetate	8.45	43	723772	143.496	ug/l	98
44) Trichloroethene	9.11	130	738376	140.656	ug/l	100
45) 1,2-Dichloropropane	9.39	63	632289	142.586	ug/l	100
46) Dibromomethane	9.48	93	320186	138.689	ug/l	98
47) Bromodichloromethane	9.67	83	874548	141.218	ug/l	100
48) Methyl methacrylate	9.46	41	376503	148.277	ug/l	98
49) 1,4-Dioxane	9.47	88	76985	2806.437	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1794788	703.836	ug/l	99
52) Toluene	10.40	92	1591229	139.992	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	849379	145.866	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	1020125	144.983	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	445369	140.014	ug/l	97
56) Ethyl methacrylate	10.66	69	586536	150.971	ug/l	99
57) 1,3-Dichloropropane	10.95	76	776797	139.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	1312120	697.361	ug/l	99
59) 2-Hexanone	10.98	43	1235039	704.233	ug/l	99
60) Dibromochloromethane	11.14	129	614124	141.312	ug/l	100
61) 1,2-Dibromoethane	11.25	107	437362	137.906	ug/l	99
64) Tetrachloroethene	10.88	164	609595	140.395	ug/l	96
65) Chlorobenzene	11.67	112	1694261	140.813	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	639681	142.144	ug/l	98
67) Ethyl Benzene	11.75	91	3028592	141.689	ug/l	99
68) m/p-Xylenes	11.86	106	2317448	285.367	ug/l	98
69) o-Xylene	12.18	106	1065359	144.012	ug/l	100
70) Styrene	12.20	104	1824291	142.853	ug/l	99
71) Bromoform	12.36	173	356428	139.971	ug/l #	99
73) Isopropylbenzene	12.48	105	2917852	145.379	ug/l	98
74) N-amyl acetate	12.29	43	668331	148.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	469793	140.989	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	330850m	137.705	ug/l	
77) Bromobenzene	12.76	156	707515	145.340	ug/l	99
78) n-propylbenzene	12.82	91	3372913	143.340	ug/l	99
79) 2-Chlorotoluene	12.91	91	1904507	142.668	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	2376899	144.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	167306	149.016	ug/l	97
82) 4-Chlorotoluene	13.01	91	1978593	141.270	ug/l	99
83) tert-Butylbenzene	13.23	119	2065599	147.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	2335722	142.933	ug/l	99
85) sec-Butylbenzene	13.41	105	2858090	144.193	ug/l	99
86) p-Isopropyltoluene	13.52	119	2622331	144.644	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	1280314	140.553	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1287149	141.637	ug/l	99
89) n-Butylbenzene	13.85	91	2459927	144.490	ug/l	99
90) Hexachloroethane	14.11	117	525394	143.710	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	1132924	142.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	78567	141.009	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	836962	147.503	ug/l	99
94) Hexachlorobutadiene	15.27	225	496998	144.800	ug/l	99
95) Naphthalene	15.40	128	1475237	155.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	716598	146.414	ug/l	100

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

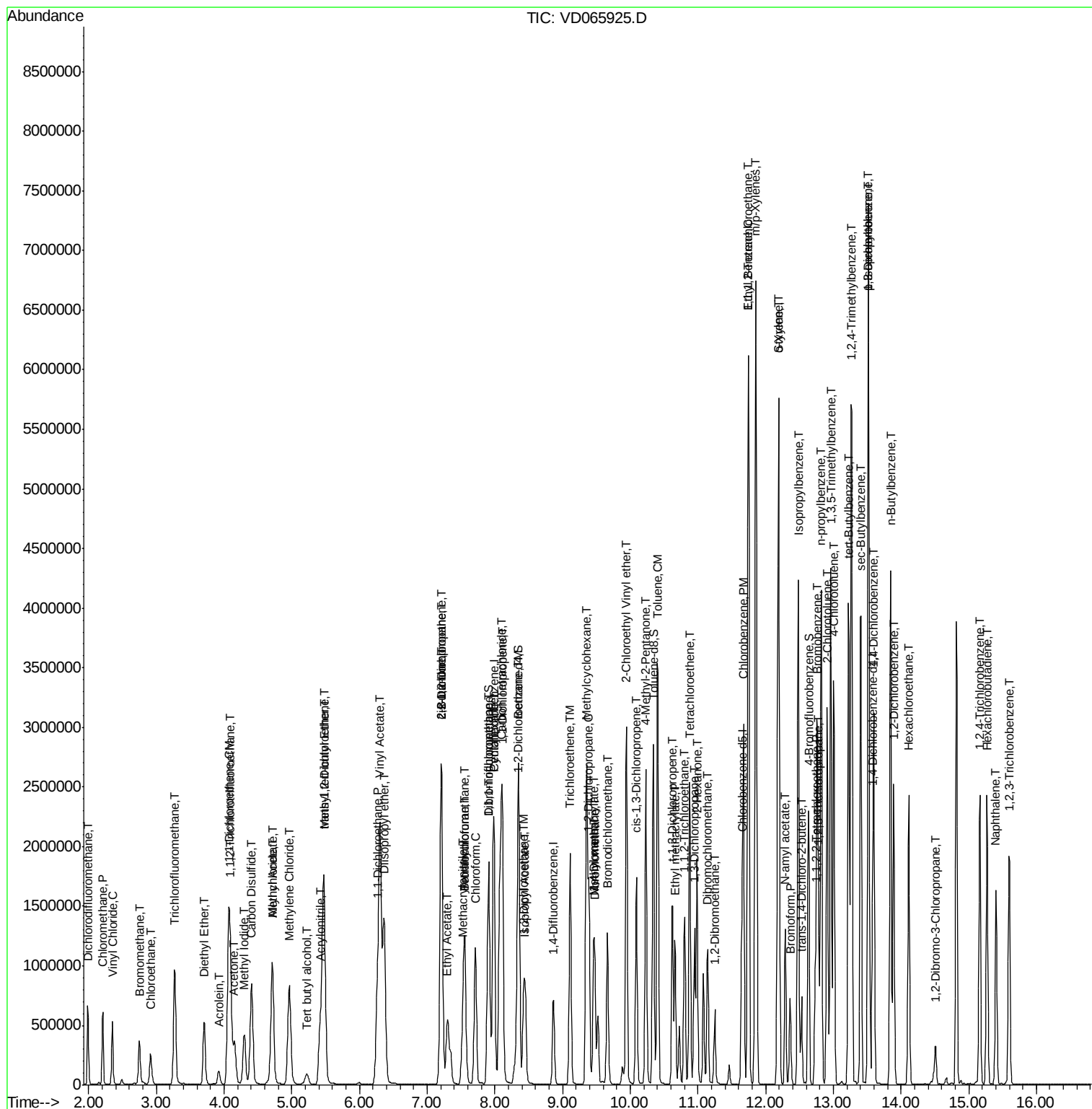
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
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Acq On : 07 Jul 2020 15:55
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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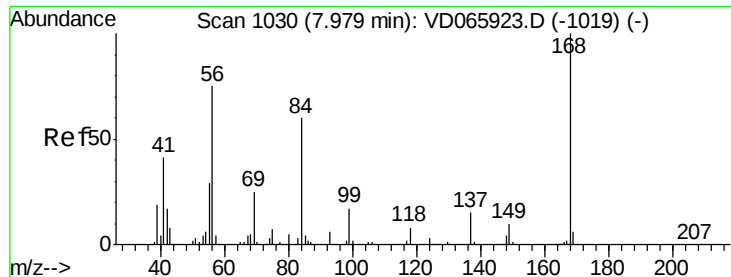
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 437481

Ion Ratio Lower Upper

168 100

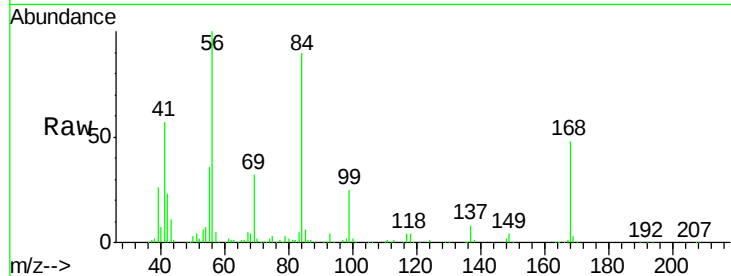
99 52.3 43.1 64.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

300000

250000

200000

150000

100000

50000

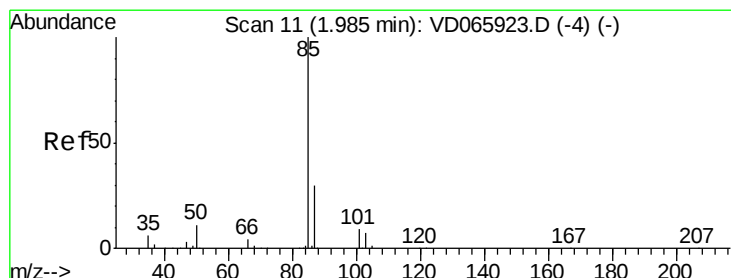
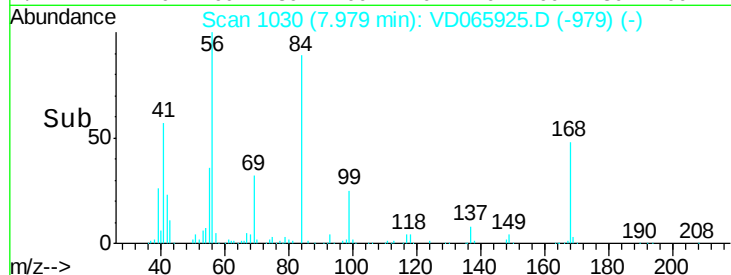
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 122.660 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065925.D

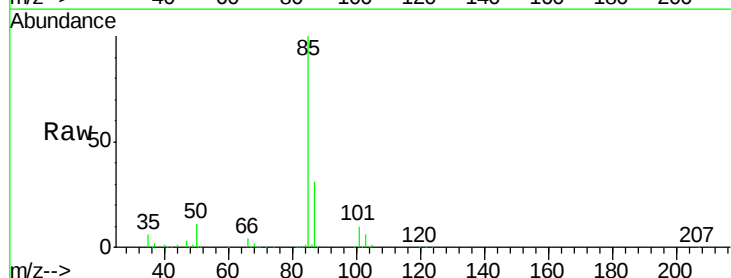
Acq: 07 Jul 2020 15:55

Tgt Ion: 85 Resp: 477052

Ion Ratio Lower Upper

85 100

87 30.8 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

400000

300000

200000

100000

0

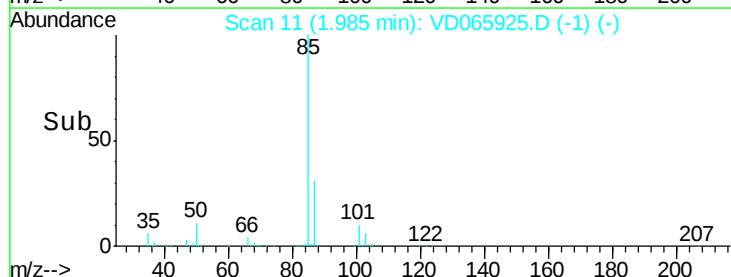
1.90

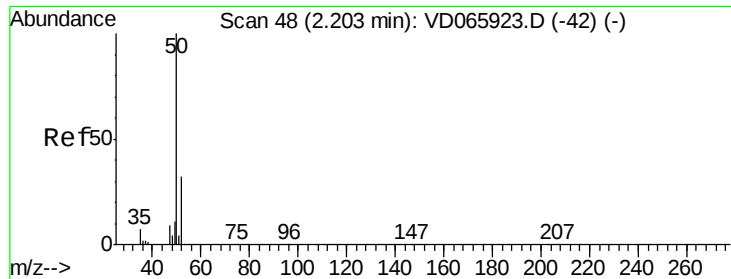
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 130.416 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 502817

Ion Ratio Lower Upper

50 100

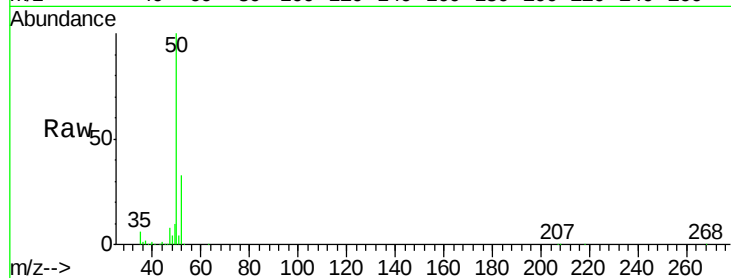
52 32.9 25.6 38.4

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

400000

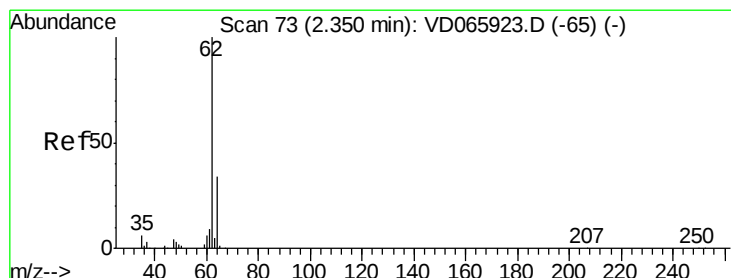
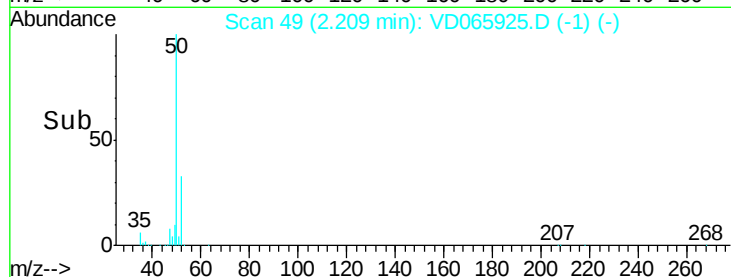
300000

200000

100000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 130.837 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065925.D

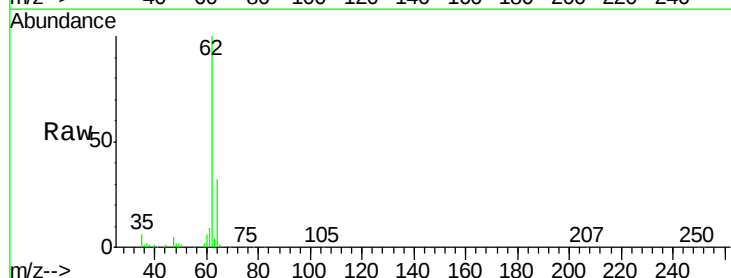
Acq: 07 Jul 2020 15:55

Tgt Ion: 62 Resp: 463170

Ion Ratio Lower Upper

62 100

64 32.5 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

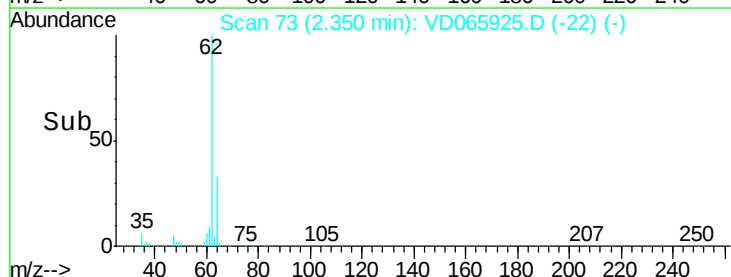
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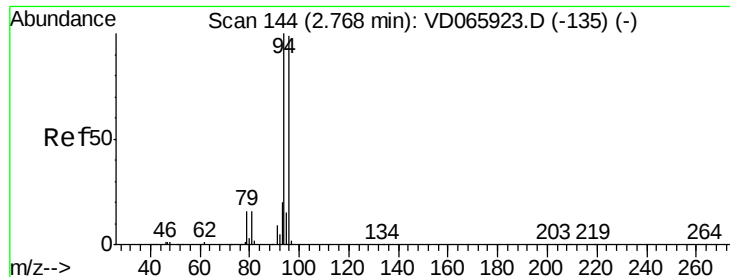
200000

100000

0

Time--> 2.20 2.30 2.40 2.50





#5

Bromomethane

Concen: 122.896 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 275582

Ion Ratio Lower Upper

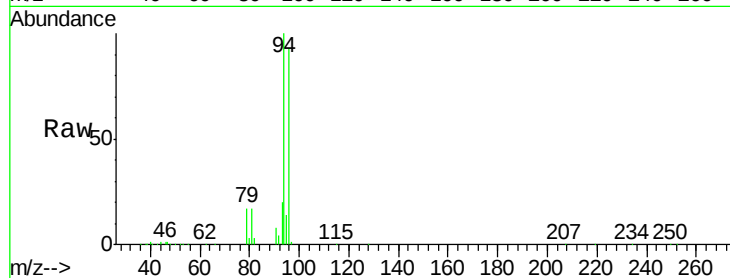
94 100

96 93.4 78.8 118.2

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

150000

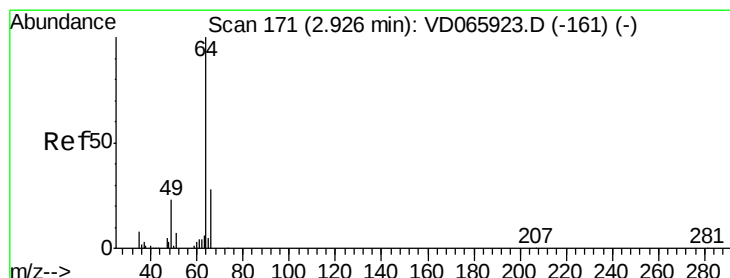
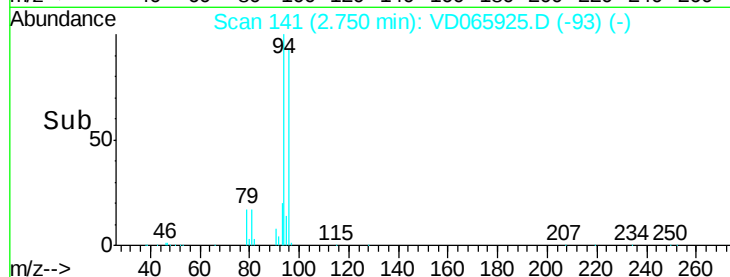
100000

50000

0

2.70 2.80

Time-->



#6

Chloroethane

Concen: 130.726 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065925.D

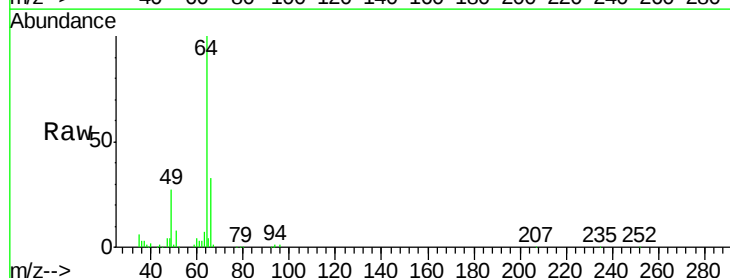
Acq: 07 Jul 2020 15:55

Tgt Ion: 64 Resp: 276635

Ion Ratio Lower Upper

64 100

66 33.1 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

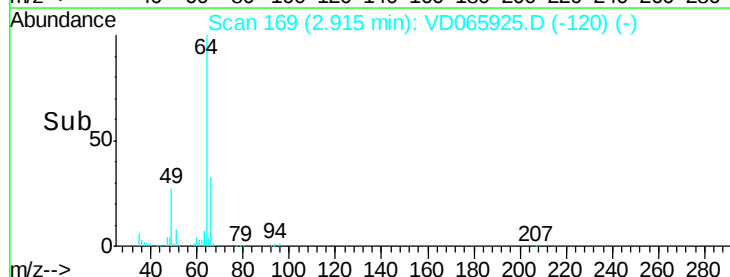
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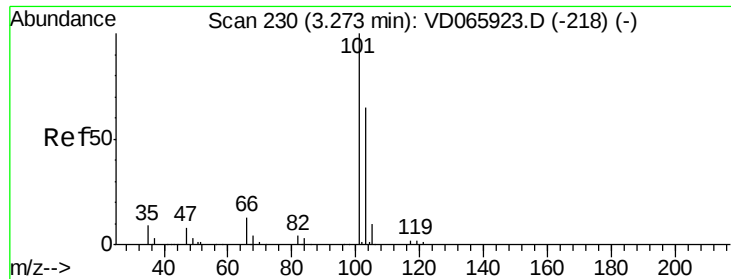
50000

0

2.80 2.90 3.00

Time-->





#7

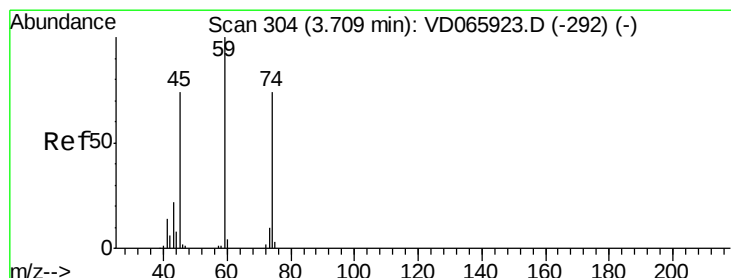
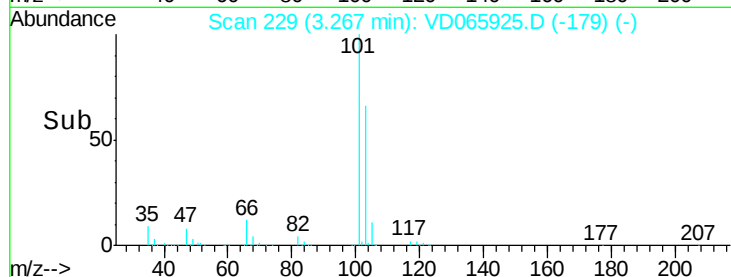
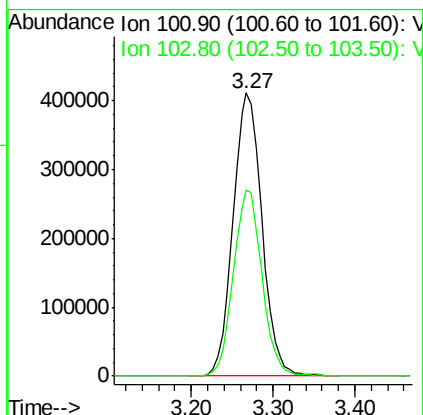
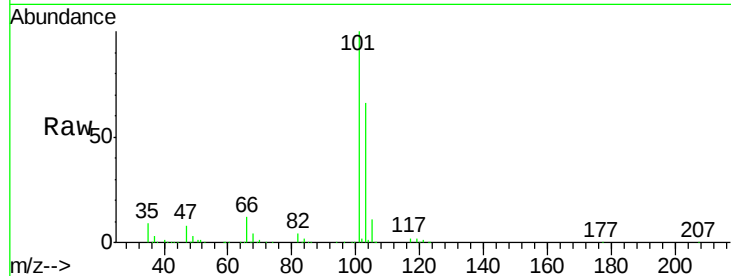
Trichlorofluoromethane
 Concen: 133.396 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

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 VSTDIC150

Tot Ion:101 Resp: 1012107
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5

Manual Integrations
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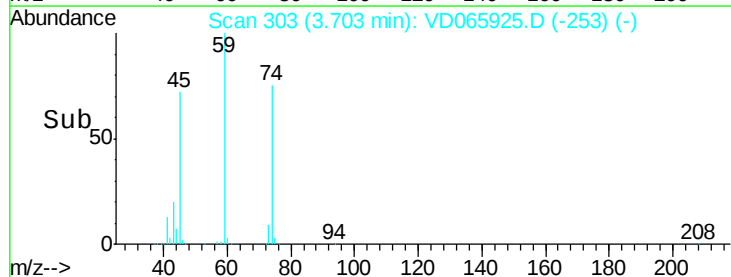
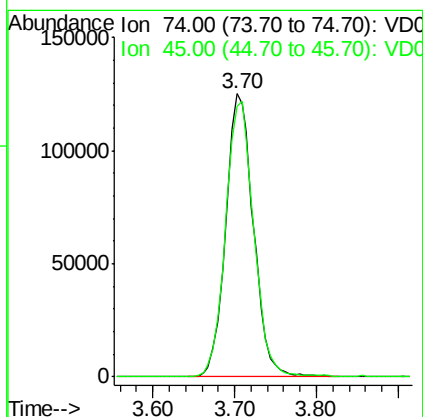
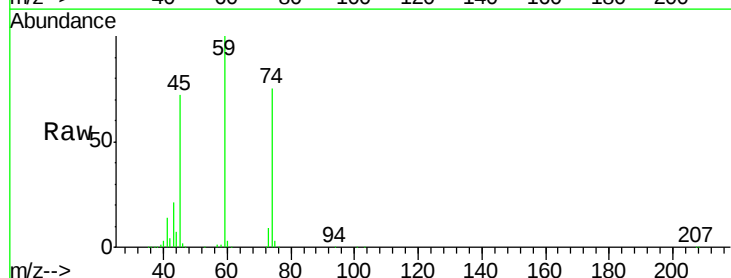
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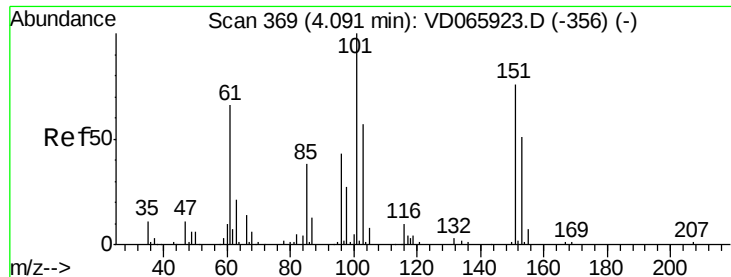


#8

Diethyl Ether
 Concen: 141.431 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion: 74 Resp: 294387
 Ion Ratio Lower Upper
 74 100
 45 99.4 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.299 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065925.D

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Instrument :

MSVOA_D

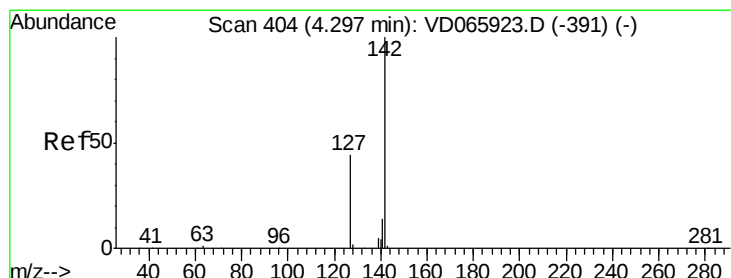
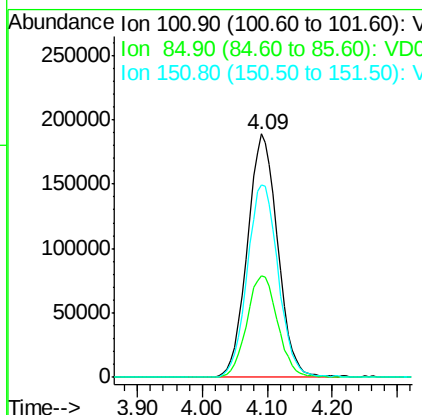
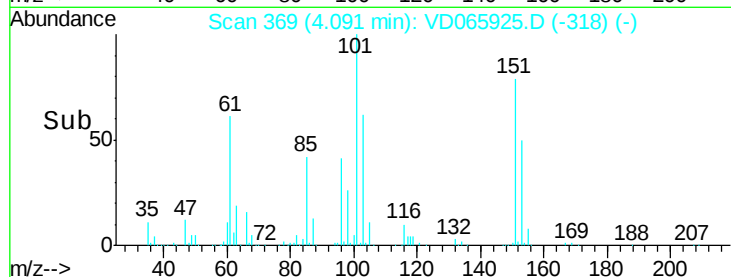
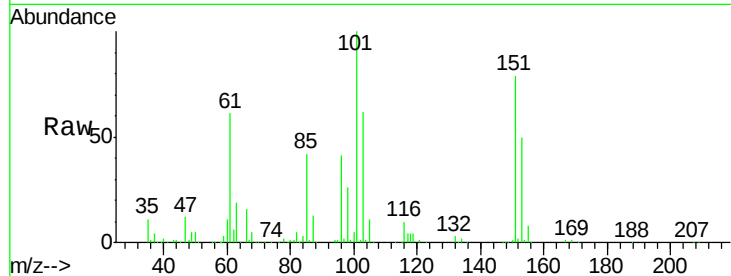
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	609494
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.8	50.8
151	80.8	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 169.789 ug/l

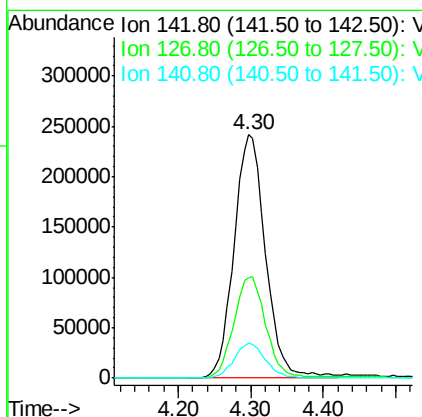
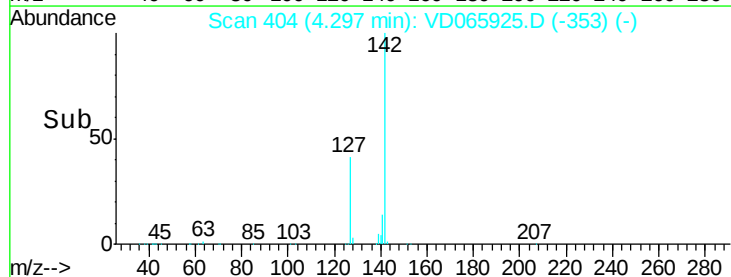
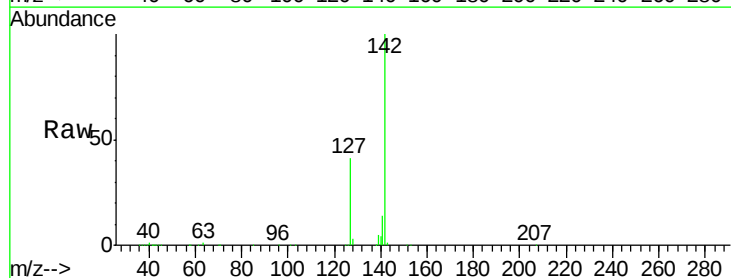
RT: 4.30 min Scan# 404

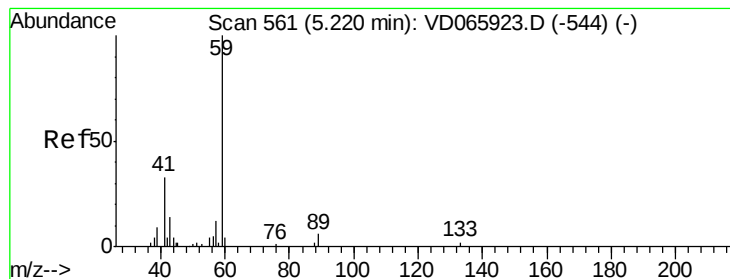
Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion:	142	Resp:	731811
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.6	51.8
141	14.3	11.6	17.4





#11

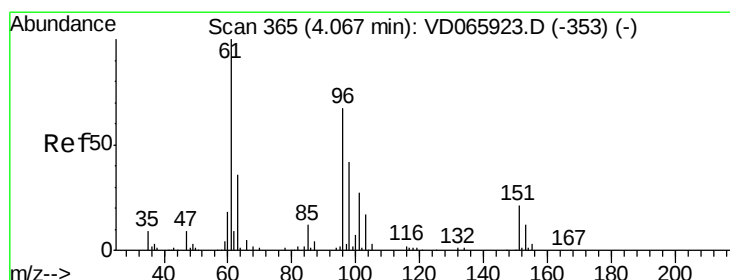
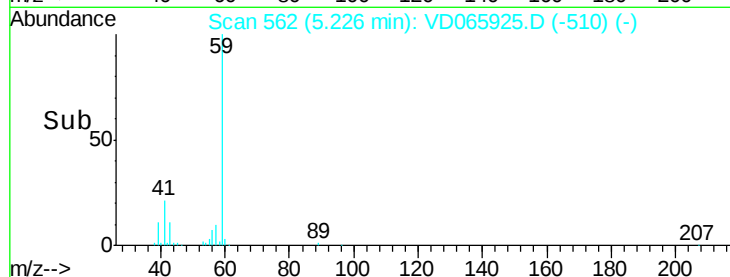
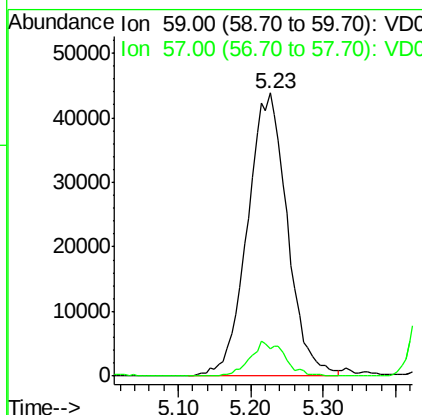
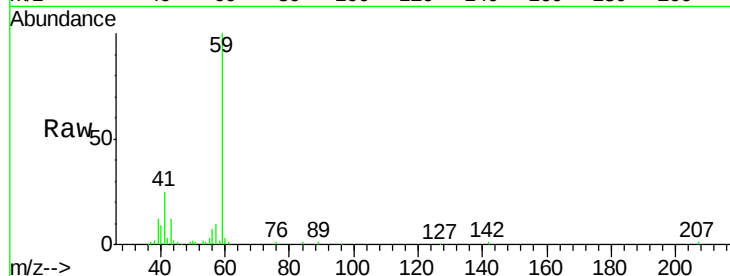
Tert butyl alcohol
 Concen: 610.977 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	59	Resp	167806
Ion Ratio	100	Lower	Upper
57	10.6	8.7	13.1

Manual Integrations
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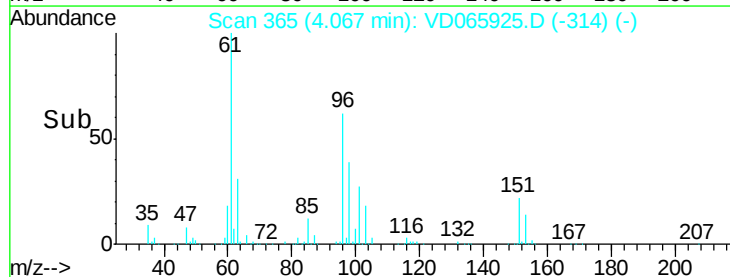
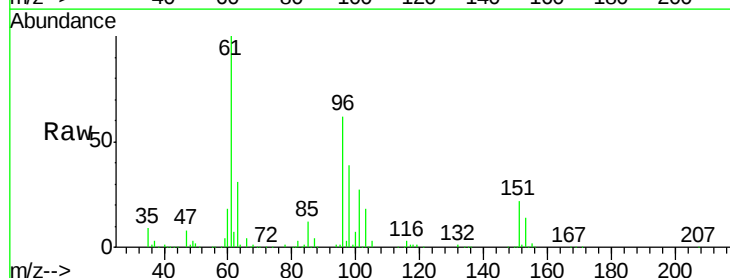
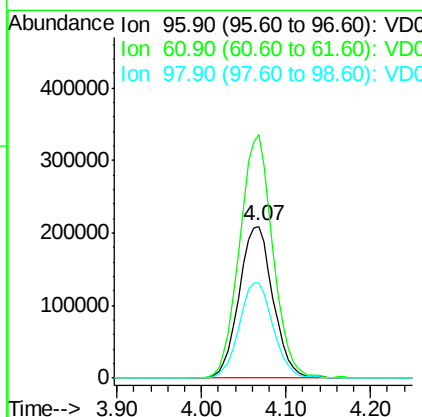
MMDadoda
 7/8/2020 12:05:27 PM

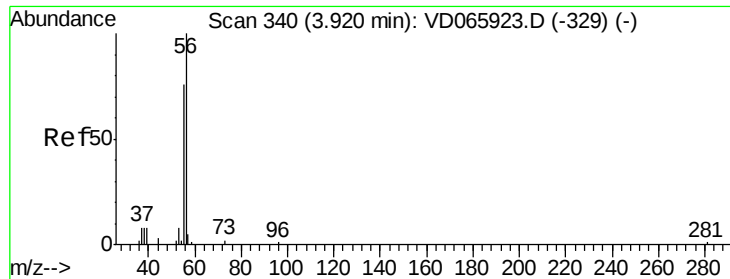


#12

1,1-Dichloroethene
 Concen: 137.924 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	96	Resp	584774
Ion Ratio	100	Lower	Upper
61	160.8	120.2	180.2
98	62.9	50.6	76.0





#13

Acrolein

Concen: 583.303 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 133428

Ion Ratio Lower Upper

56 100

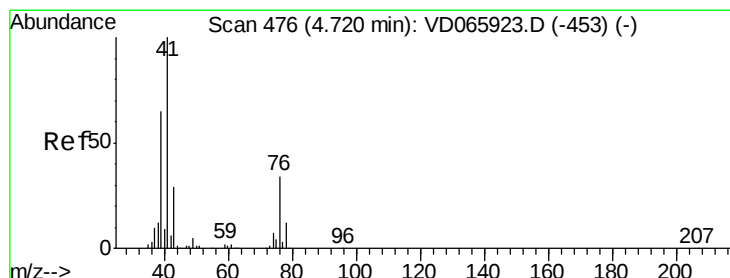
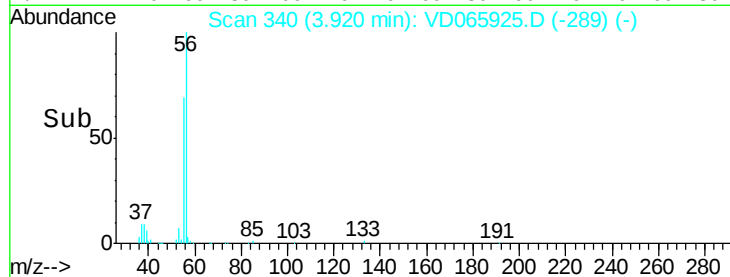
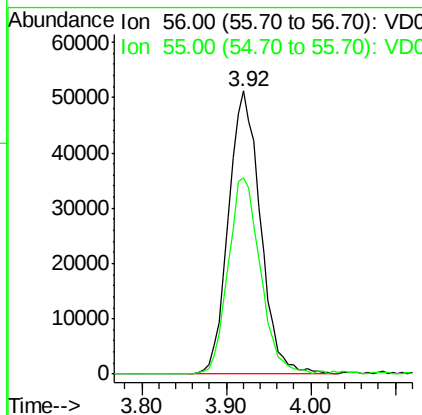
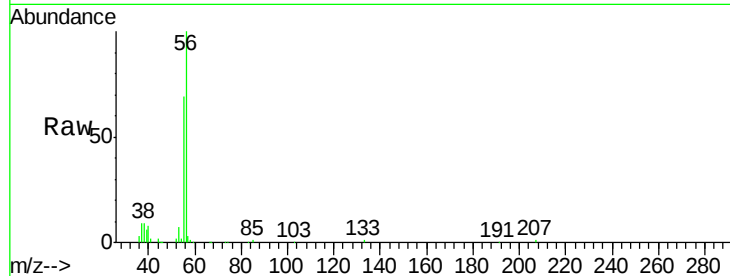
55 69.8 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 140.861 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

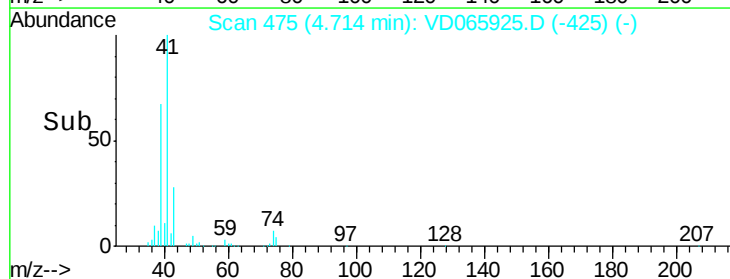
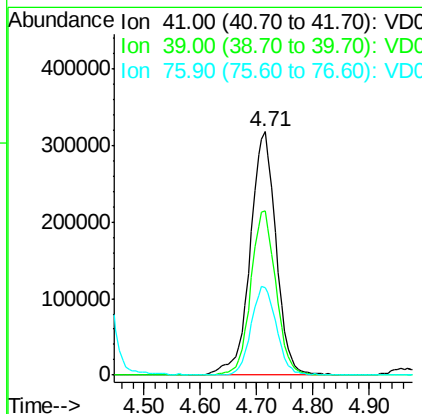
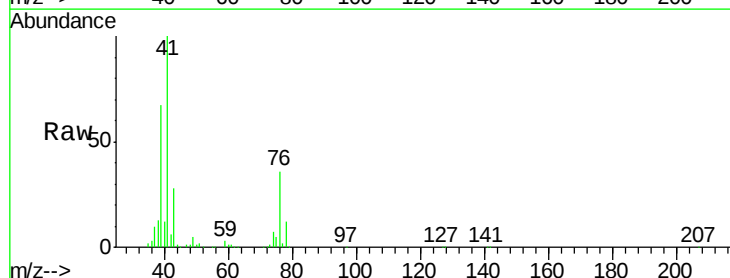
Tgt Ion: 41 Resp: 1012087

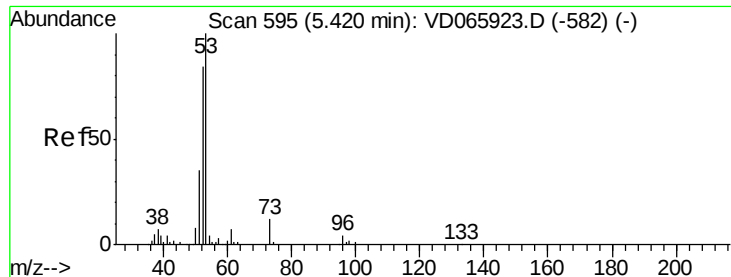
Ion Ratio Lower Upper

41 100

39 65.8 52.2 78.4

76 35.0 28.1 42.1





#15

Acrylonitrile

Concen: 718.364 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

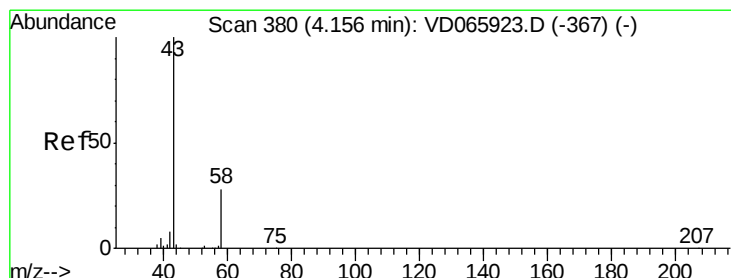
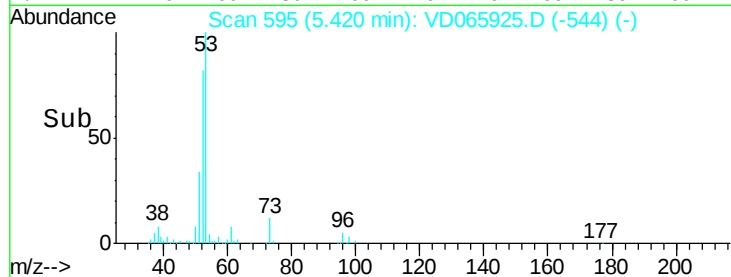
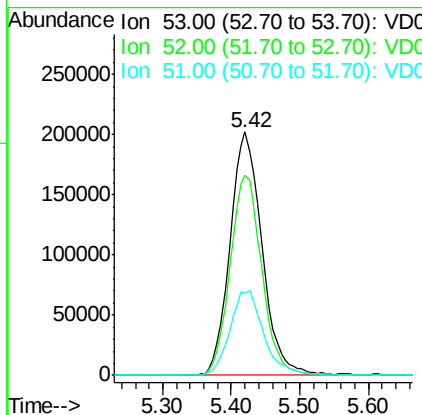
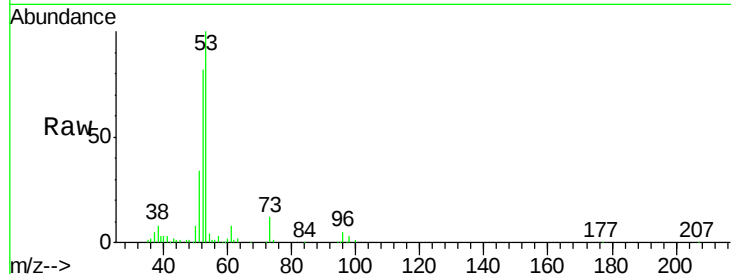
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	654678
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.3	99.5
51	36.8	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 665.813 ug/l

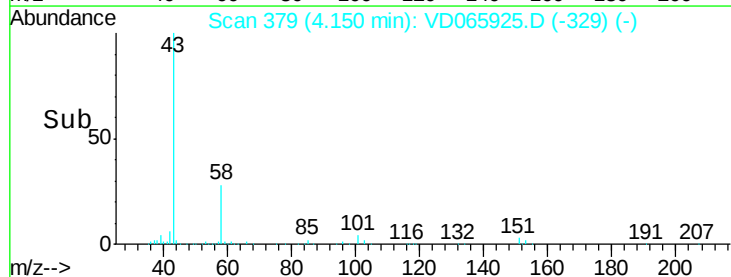
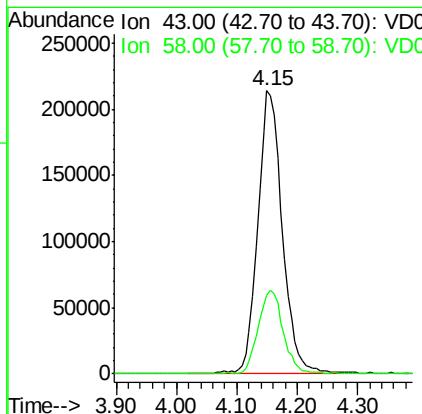
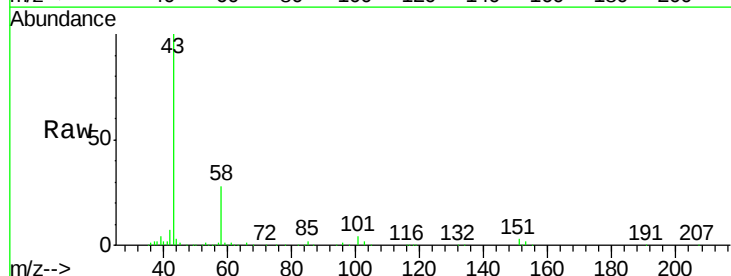
RT: 4.15 min Scan# 379

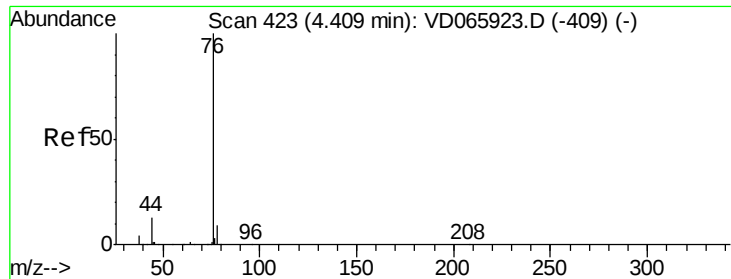
Delta R.T. -0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion:	43	Resp:	604976
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.7	34.1





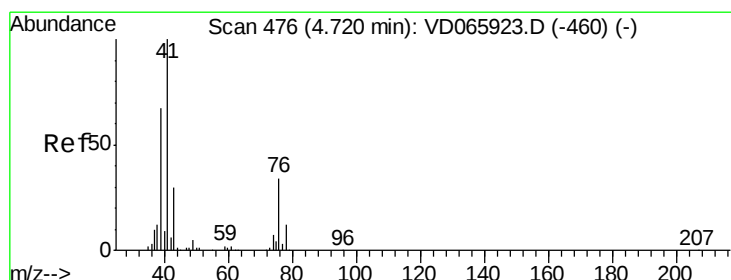
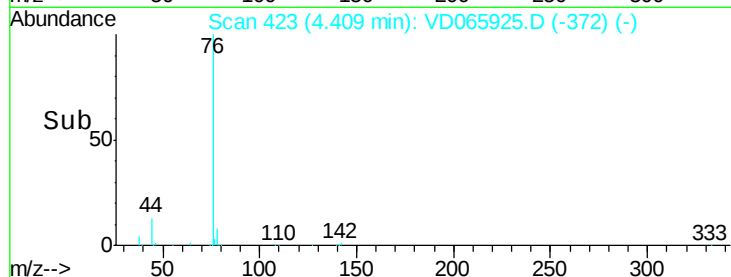
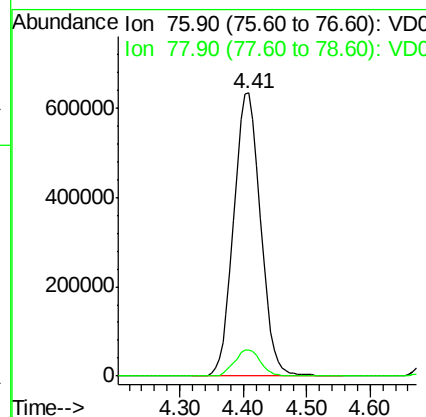
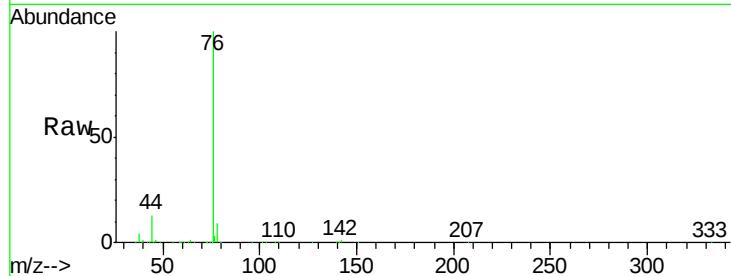
#17
Carbon Disulfide
Concen: 136.657 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1846134
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

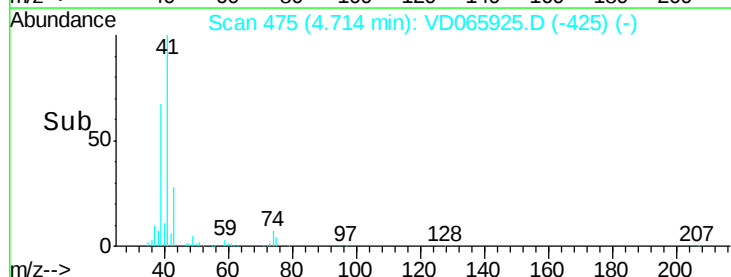
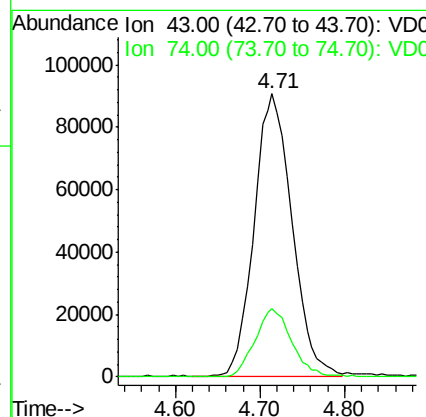
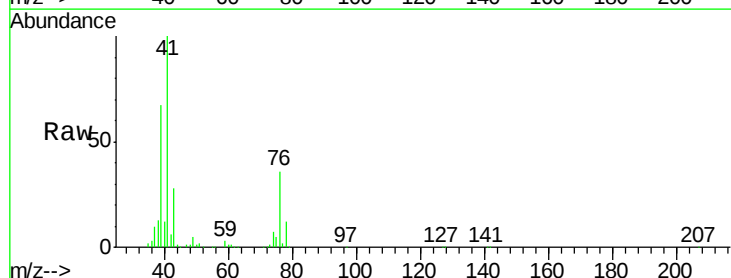
Manual Integrations
APPROVED

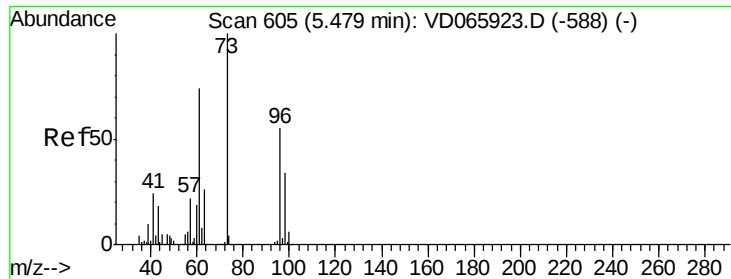
MMDadoda
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#18
Methyl Acetate
Concen: 133.146 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 43 Resp: 283588
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





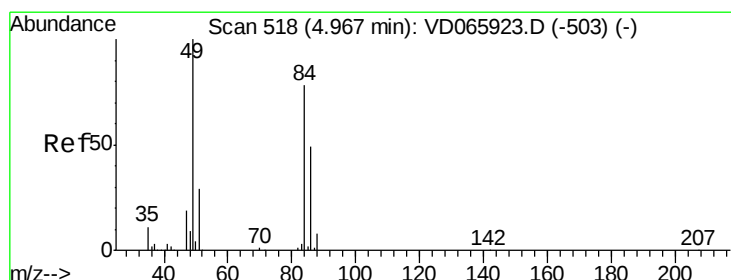
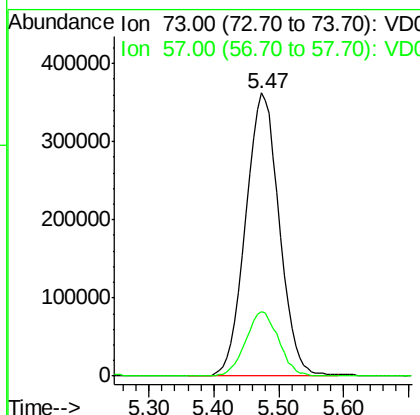
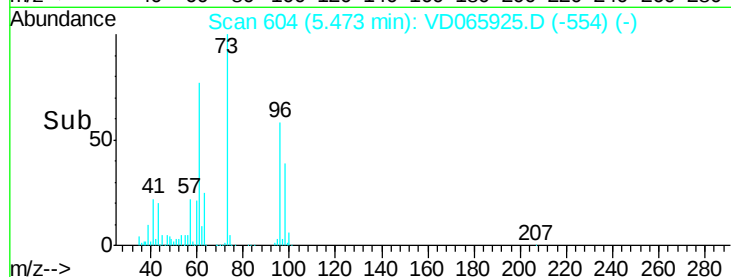
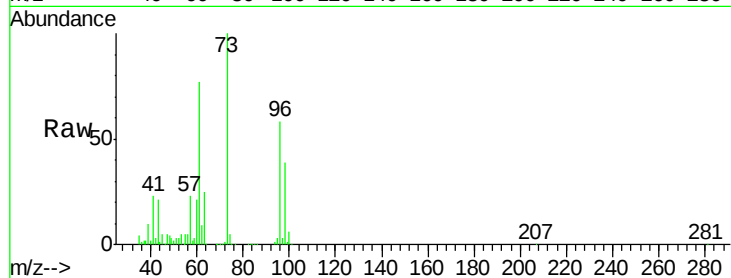
#19
Methvl tert-butvl Ether
Concen: 144.387 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1296038
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

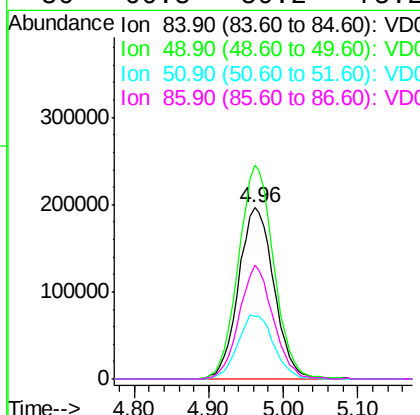
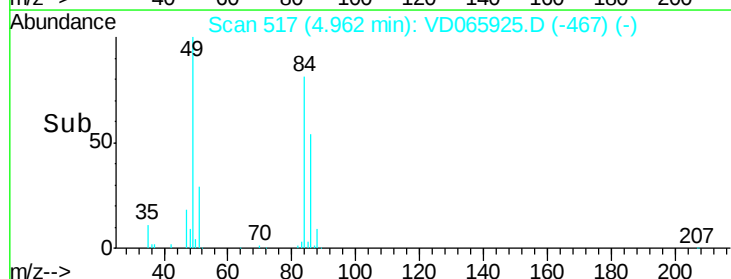
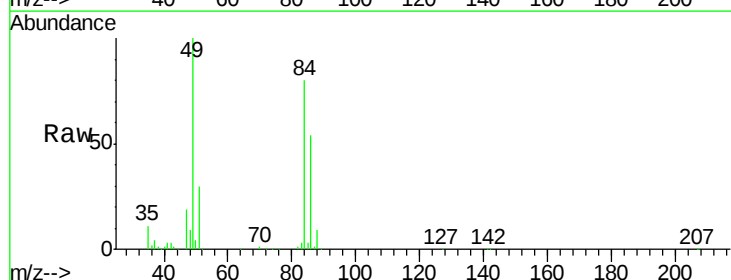
Manual Integrations
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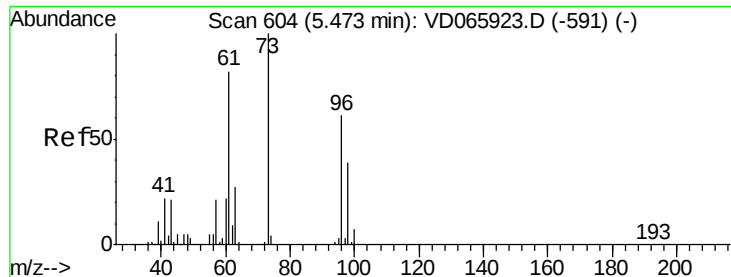
MMDadoda
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#20
Methylene Chloride
Concen: 100.386 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 84 Resp: 647950
Ion Ratio Lower Upper
84 100
49 124.5 102.2 153.2
51 36.9 29.8 44.6
86 66.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 137.967 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 658133

Ion Ratio Lower Upper

96 100

61 134.0 106.6 160.0

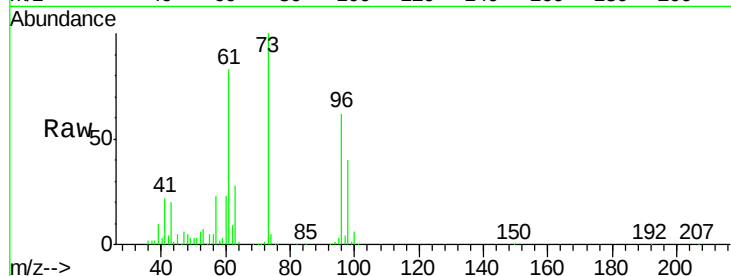
98 64.7 51.0 76.6

Manual Integrations

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MMDadoda

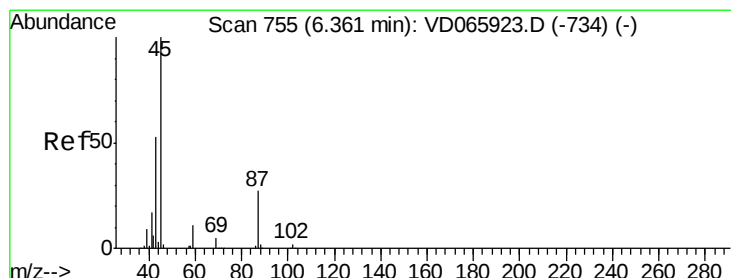
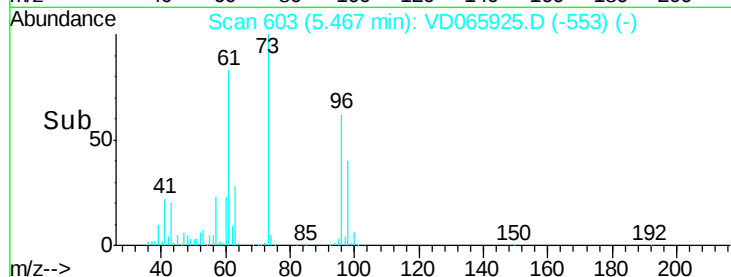
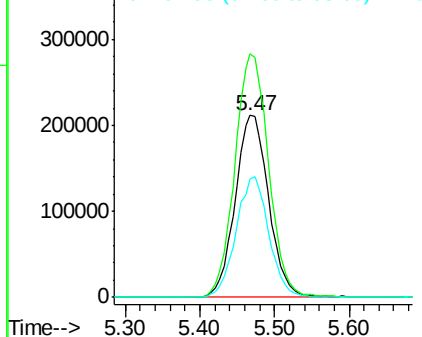
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Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 138.760 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion: 45 Resp: 1873613

Ion Ratio Lower Upper

45 100

43 54.8 42.5 63.7

87 26.5 22.2 33.2

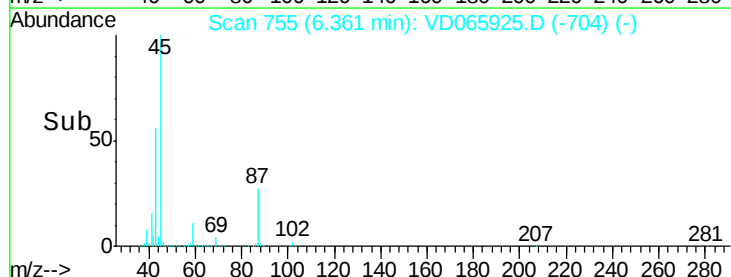
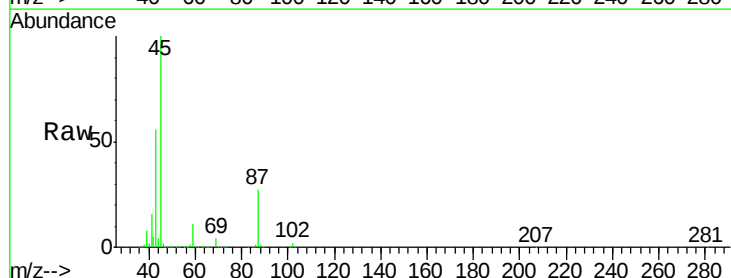
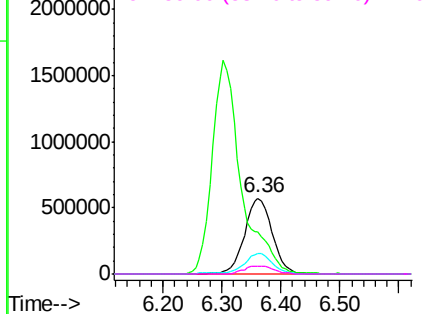
59 10.8 8.9 13.3

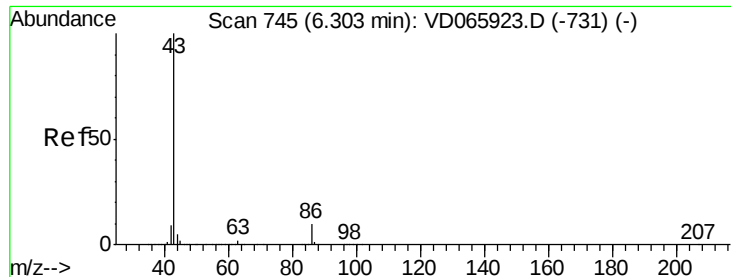
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 715.953 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5517990

Ion Ratio Lower Upper

43 100

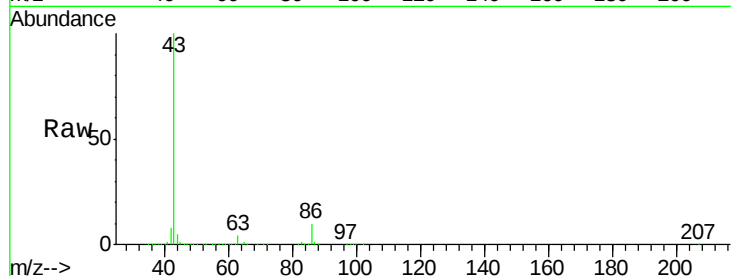
86 10.3 8.1 12.1

Manual Integrations

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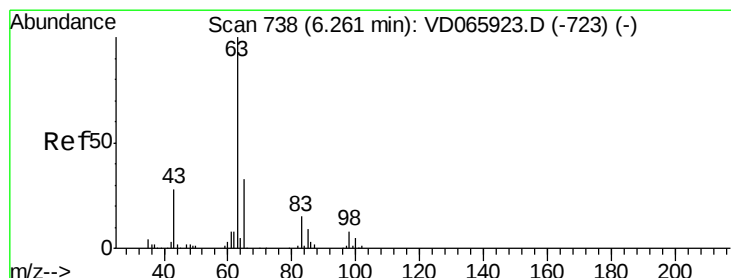
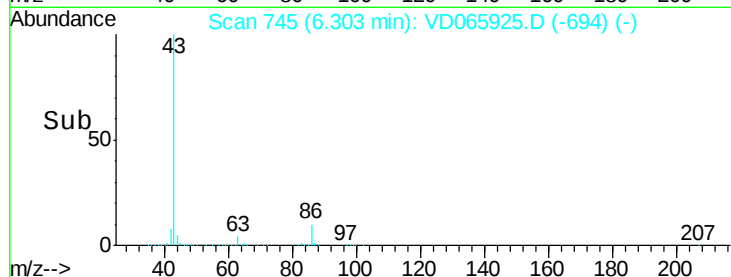
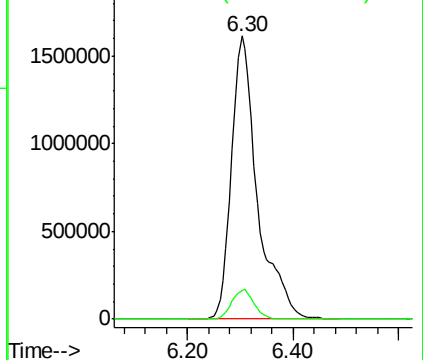
MMDadoda

7/8/2020 12:05:27 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 137.892 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

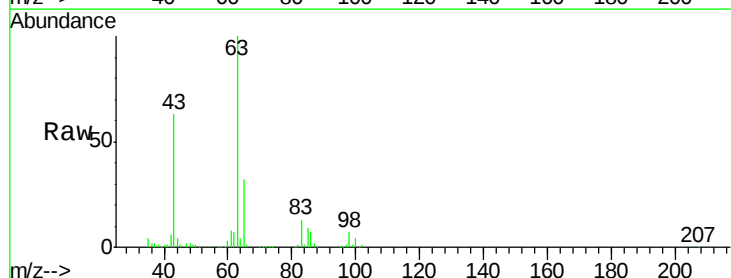
Tgt Ion: 63 Resp: 1110223

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

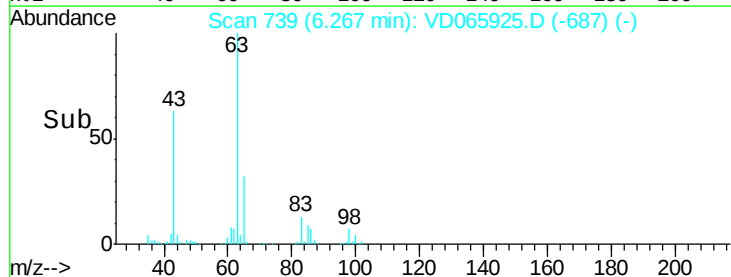
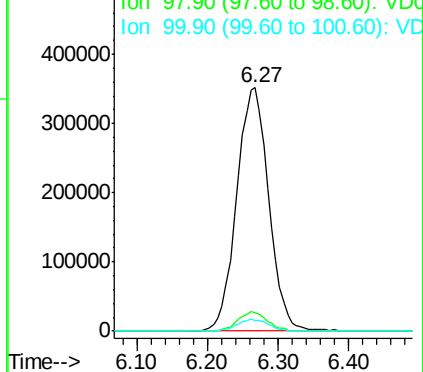
100 4.3 2.5 7.5

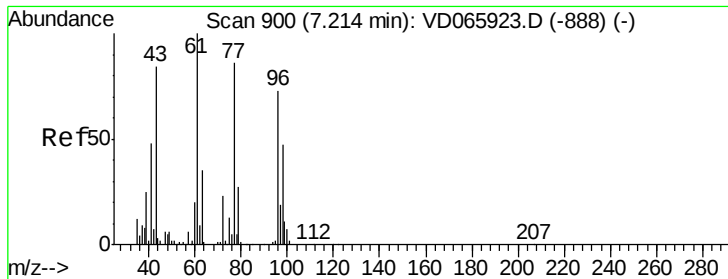


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 686.549 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 824313

Ion Ratio Lower Upper

43 100

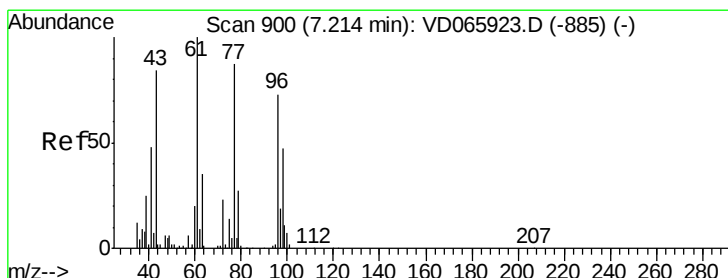
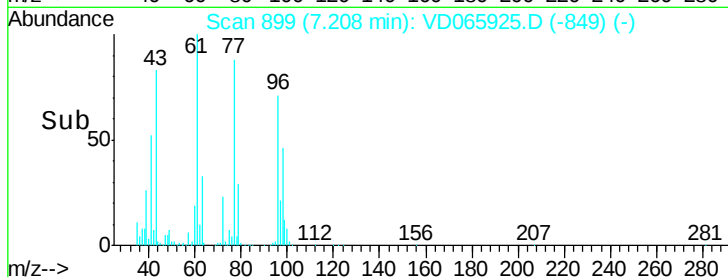
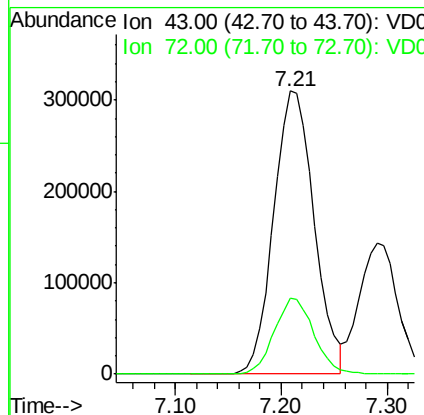
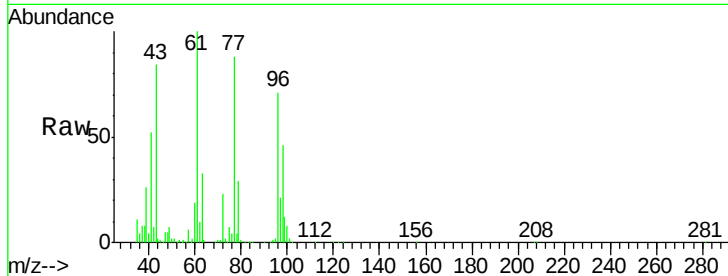
72 27.0 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 135.141 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065925.D

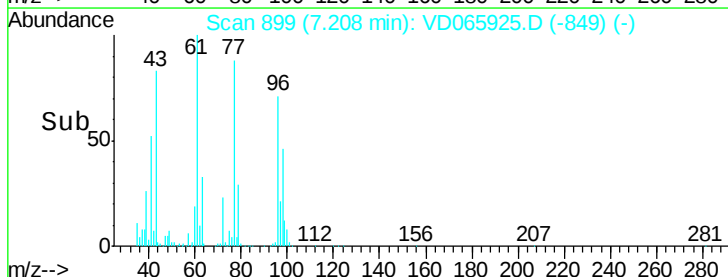
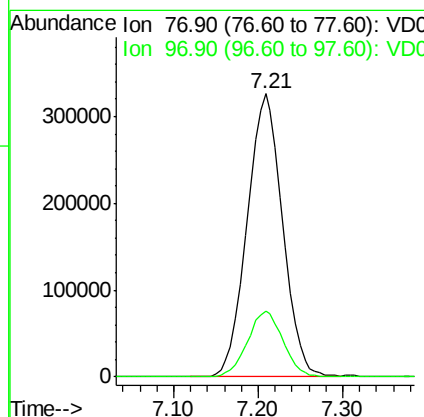
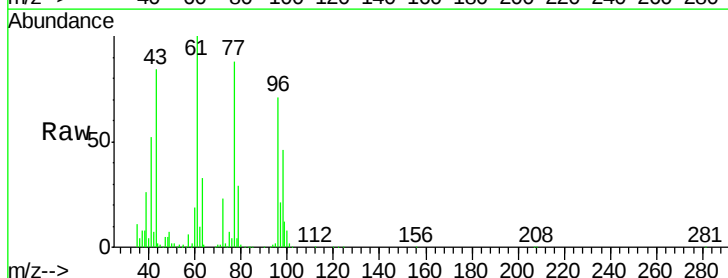
Acq: 07 Jul 2020 15:55

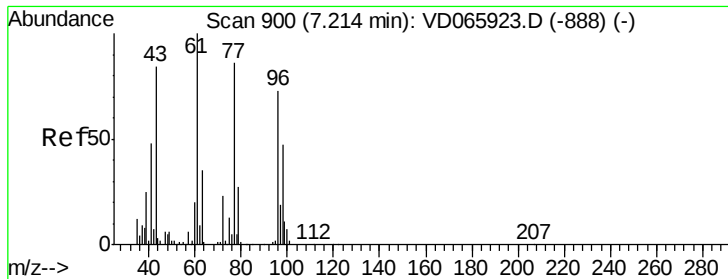
Tgt Ion: 77 Resp: 951872

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

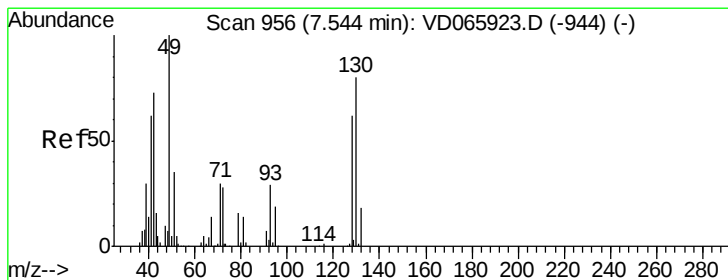
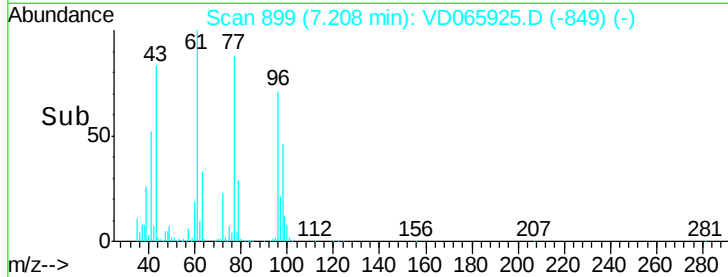
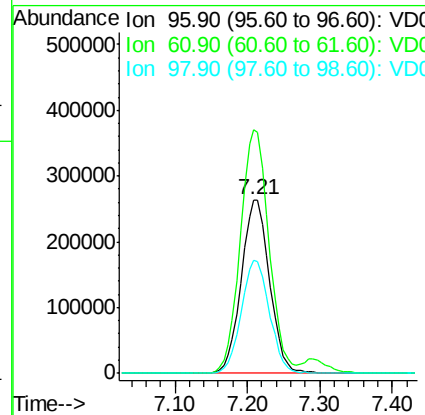
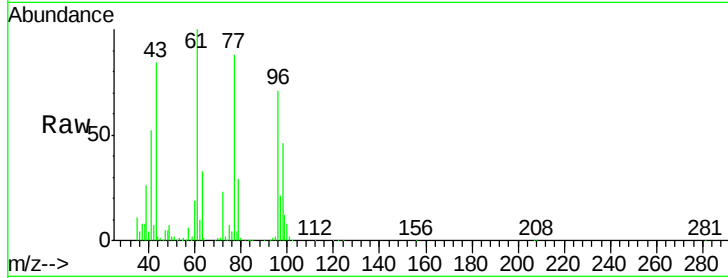
cis-1,2-Dichloroethene
 Concen: 139.650 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	286.6
98	64.9	0.0	128.2

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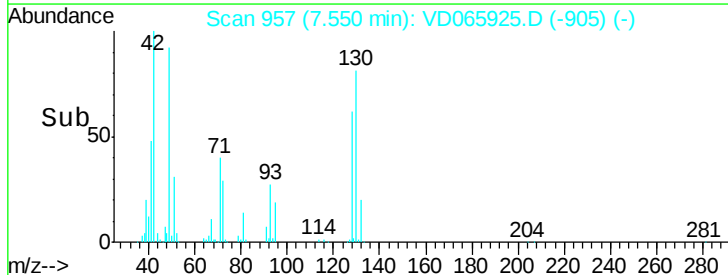
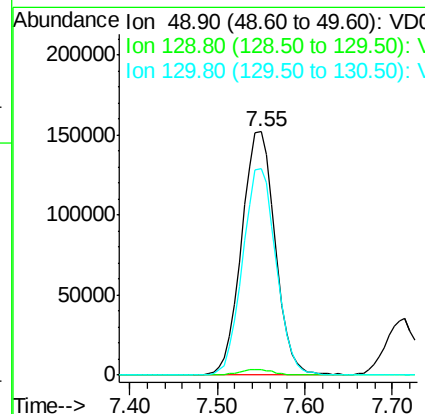
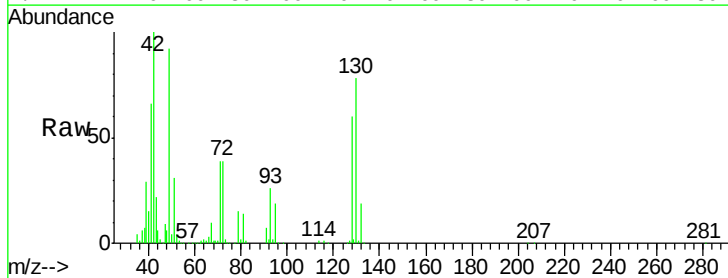
MMDadoda
 7/8/2020 12:05:27 PM

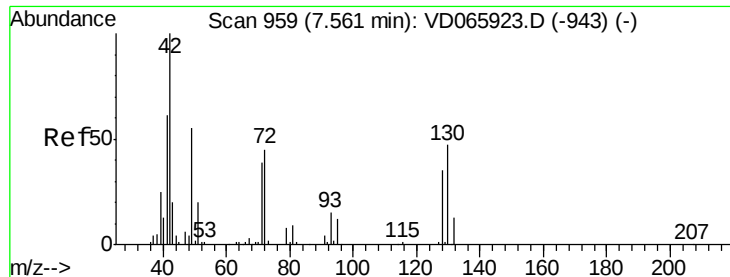


#28

Bromochloromethane
 Concen: 130.017 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	84.6	65.8	98.8





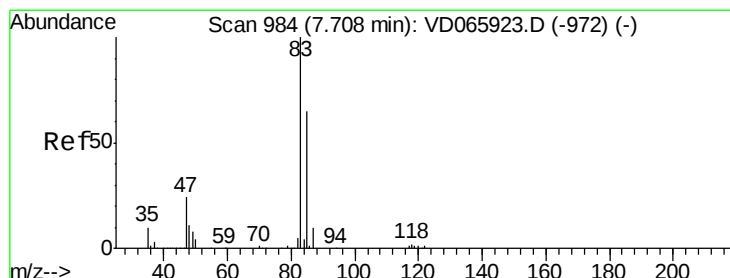
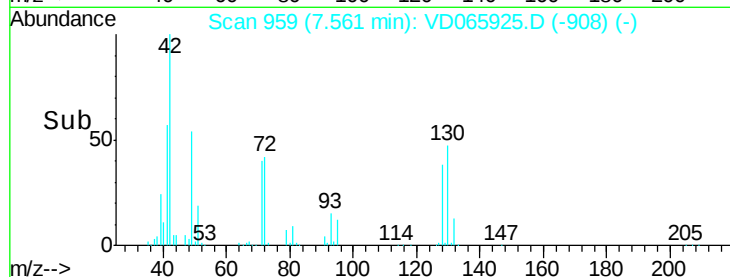
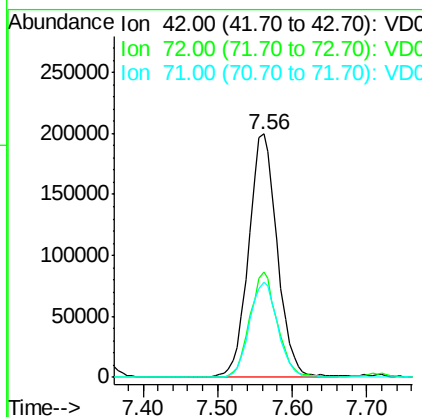
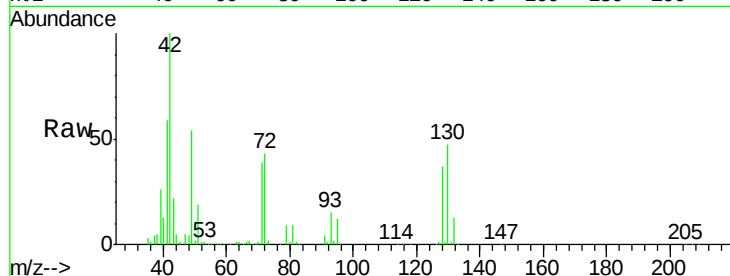
#29
Tetrahydrofuran
Concen: 693.934 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.8	49.2
71	39.0	31.0	46.4

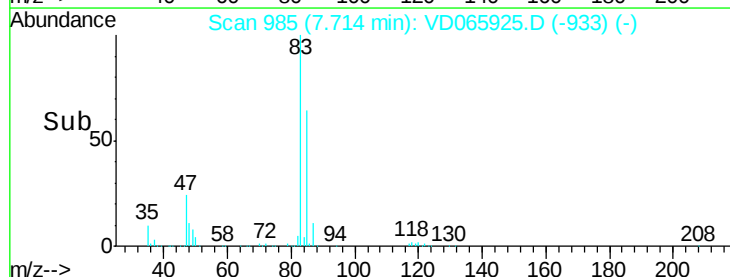
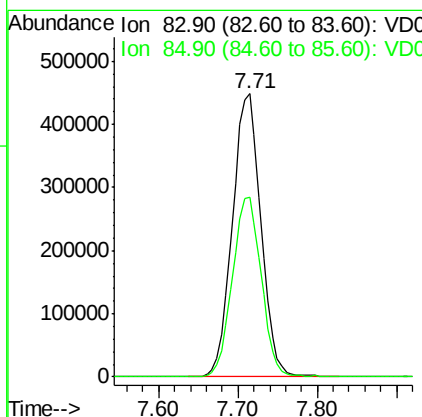
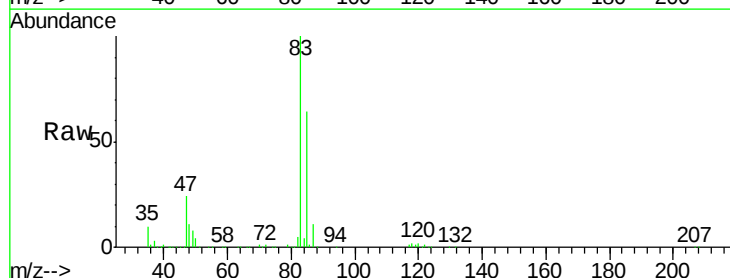
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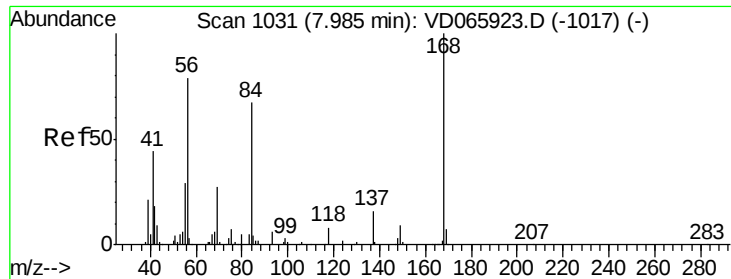
MMDadoda
7/8/2020 12:05:27 PM



#30
Chloroform
Concen: 136.917 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





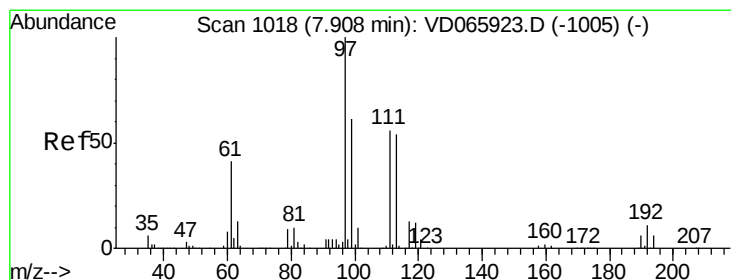
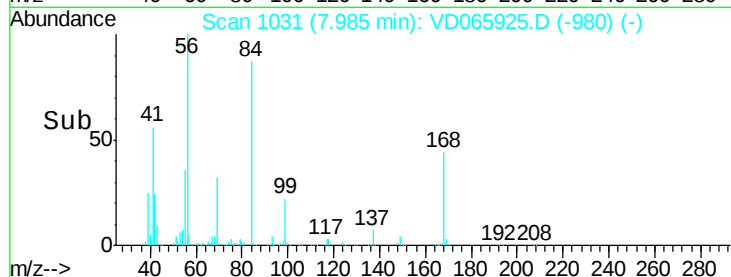
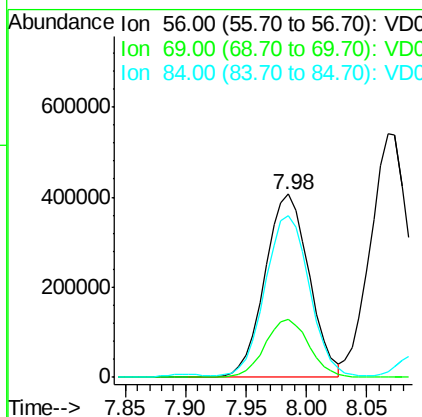
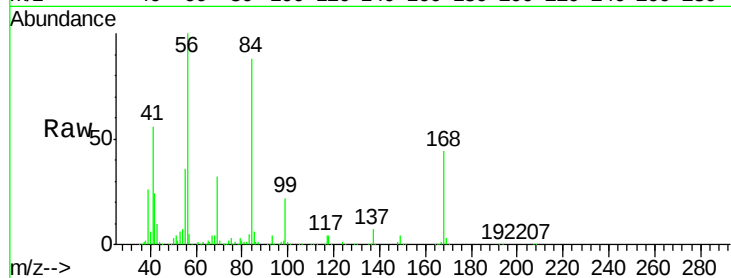
#31
Cyclohexane
Concen: 130.145 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1030988
Ion Ratio Lower Upper
56 100
69 31.5 27.4 41.0
84 86.8 68.6 102.8

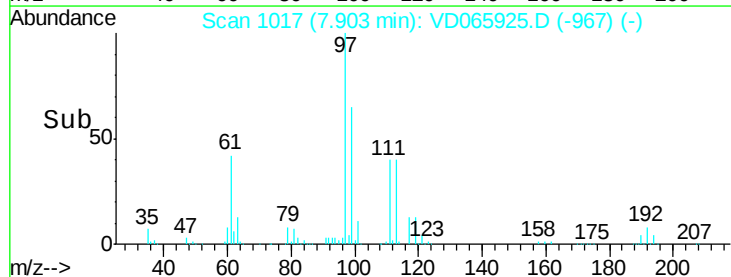
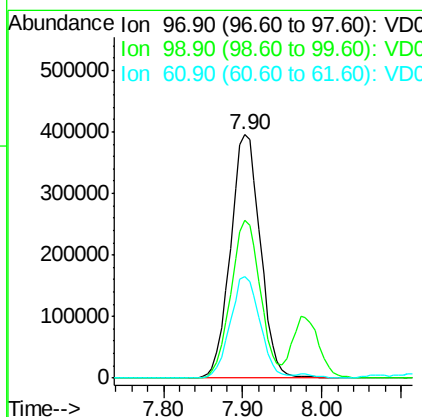
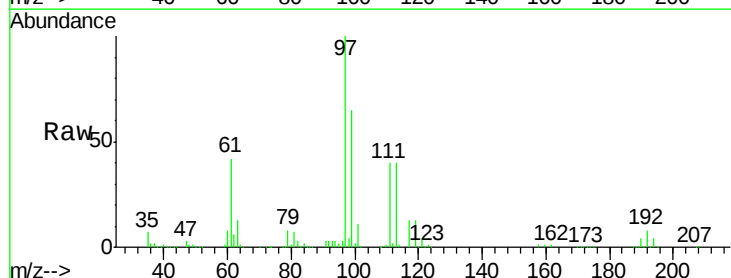
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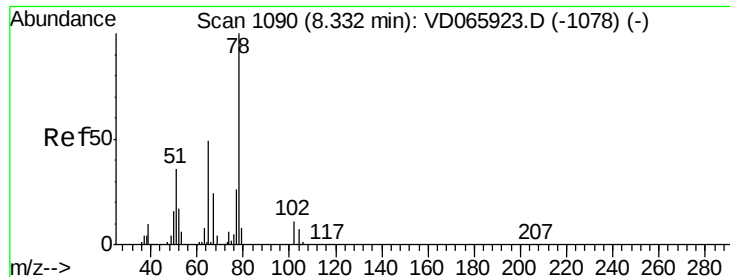
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 138.773 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 97 Resp: 1033701
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 131.214 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 508725

Ion Ratio Lower Upper

65 100

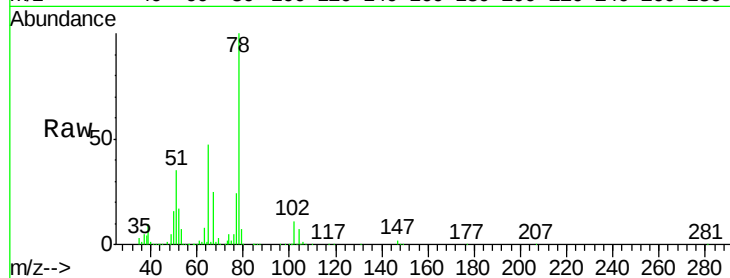
67 53.4 0.0 105.6

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

250000

200000

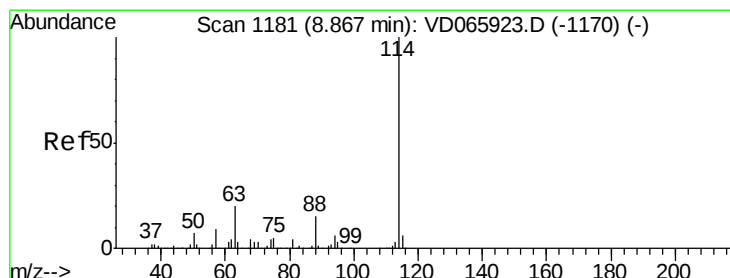
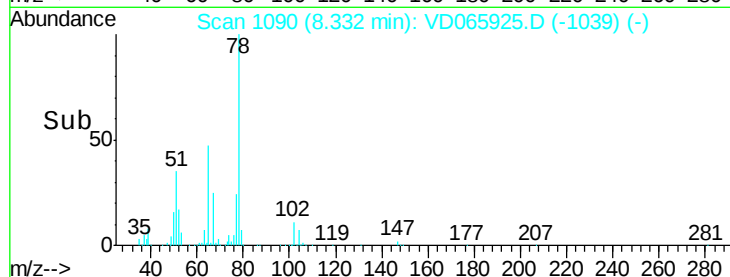
150000

100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

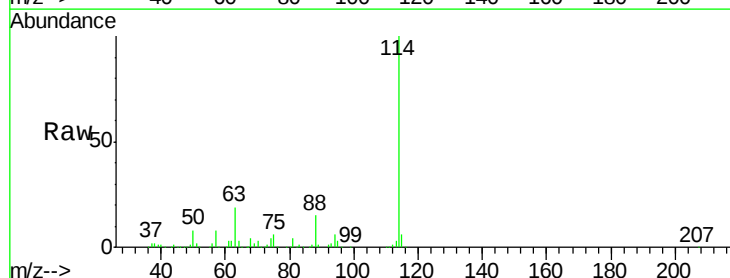
Tgt Ion: 114 Resp: 654813

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

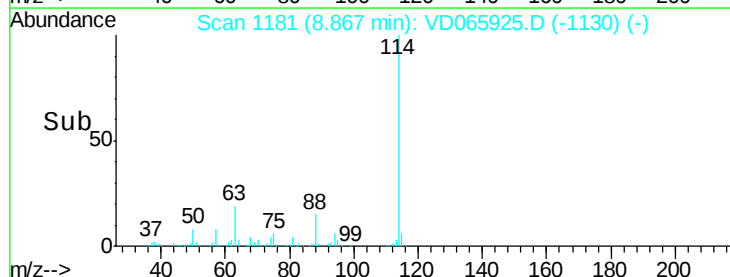
300000

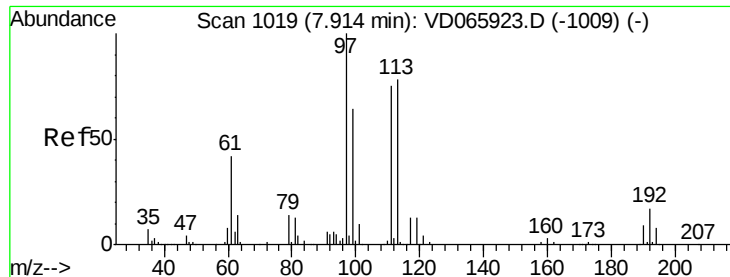
200000

100000

0

Time--> 8.80 8.90 9.00





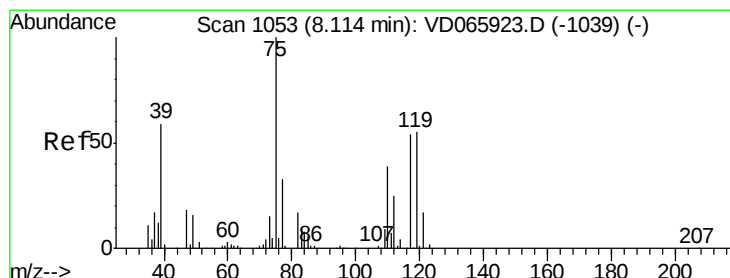
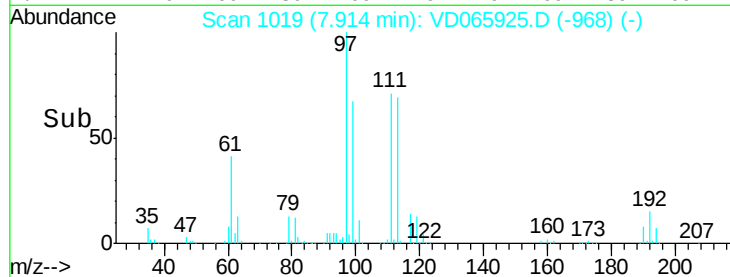
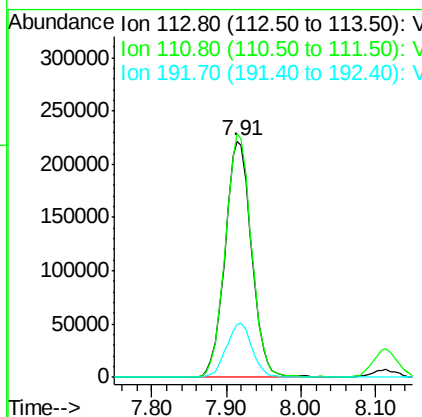
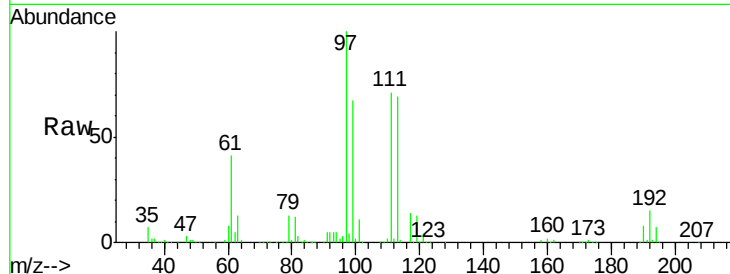
#35
 Dibromofluoromethane
 Concen: 135.563 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.9	121.3
192	22.4	17.1	25.7

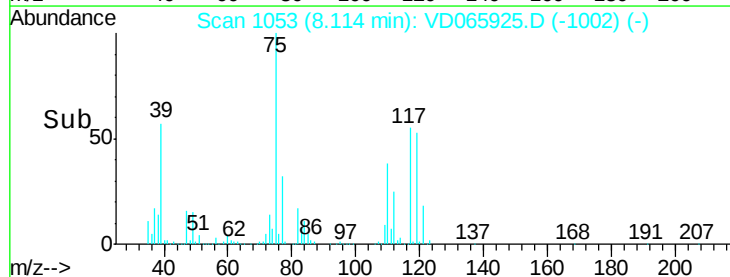
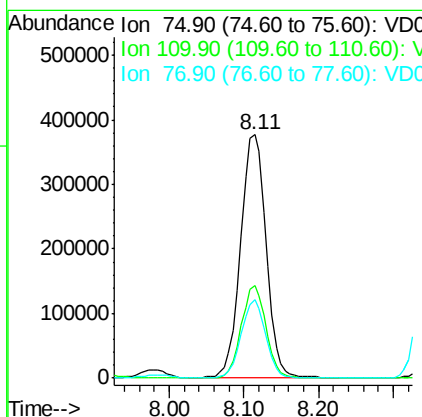
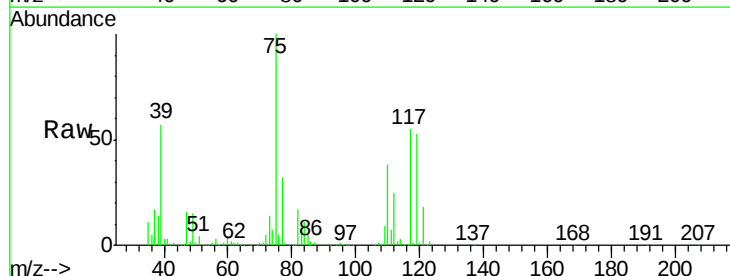
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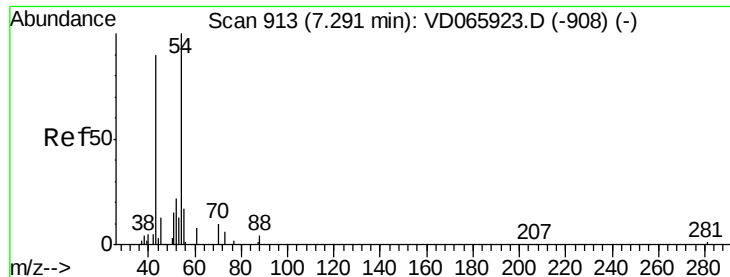
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#36
 1,1-Dichloropropene
 Concen: 138.417 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.5	55.5
77	30.8	25.6	38.4





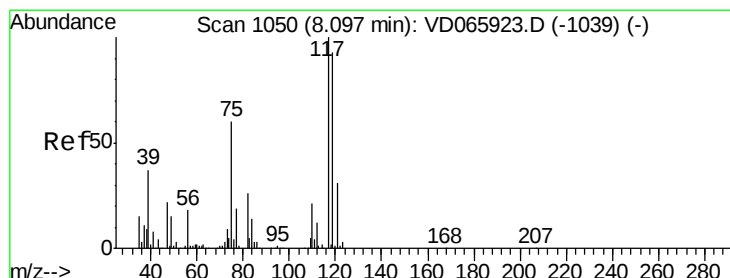
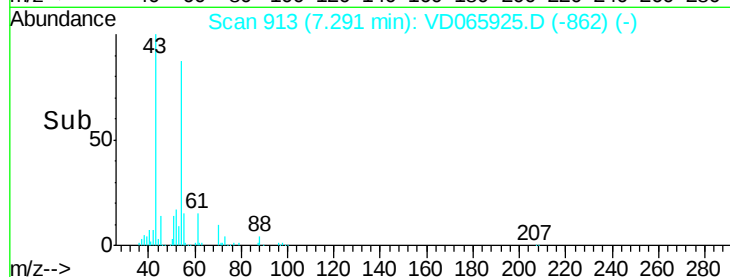
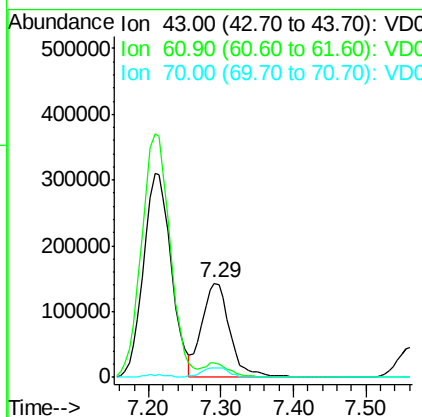
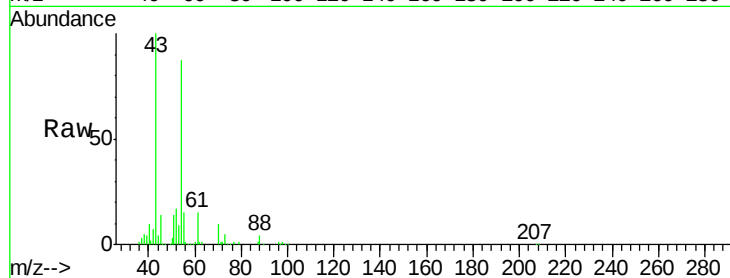
#37
Ethyl Acetate
Concen: 141.613 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.4	14.0
70	10.0	8.3	12.5

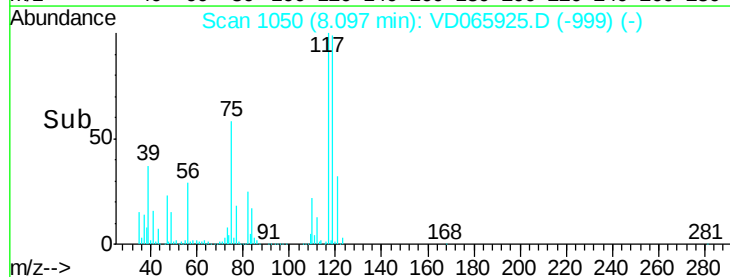
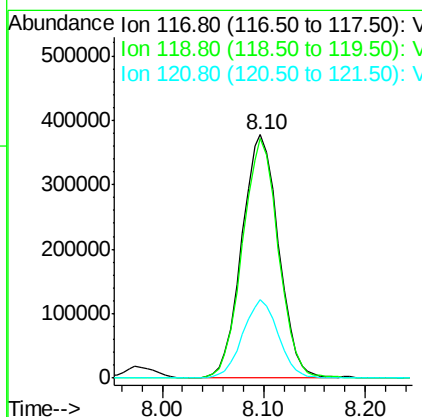
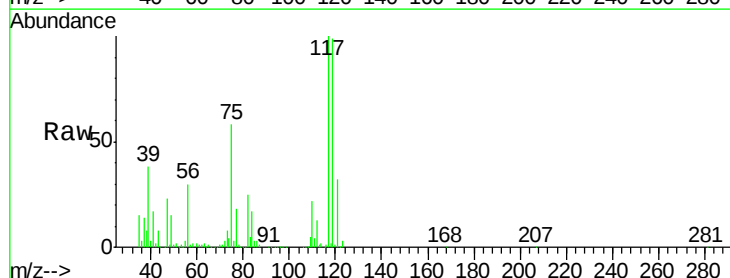
Manual Integrations
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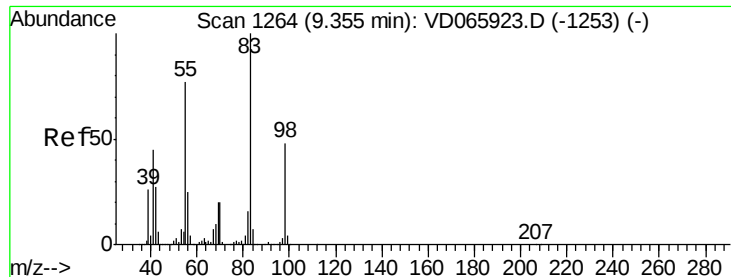
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#38
Carbon Tetrachloride
Concen: 136.228 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	74.7	112.1
121	32.3	24.9	37.3





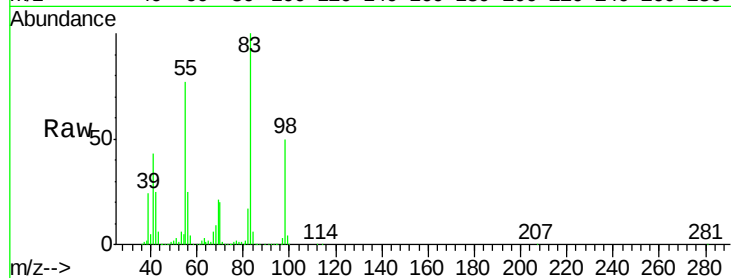
#39
Methvlcvclohexane
Concen: 143.796 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

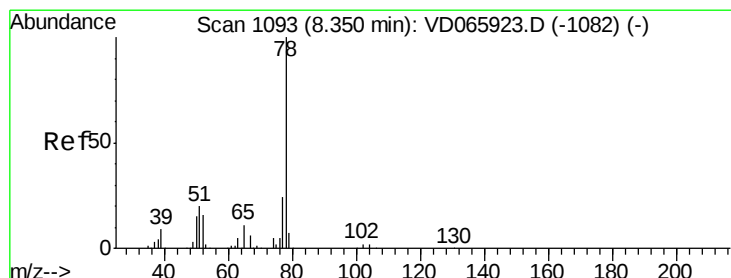
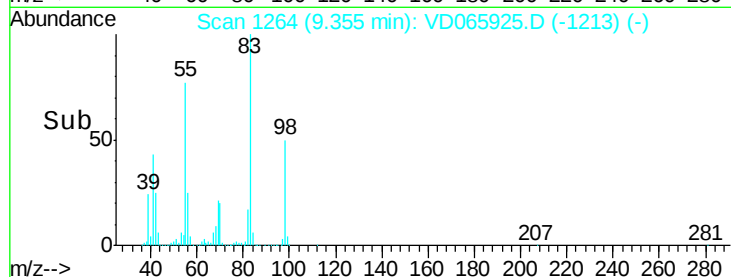
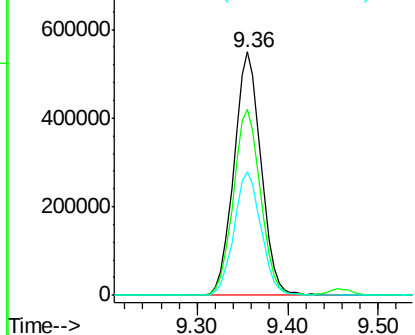
Tot Ion: 83 Resp: 1141728
Ion Ratio Lower Upper
83 100
55 76.6 61.7 92.5
98 50.4 38.6 58.0

Manual Integrations
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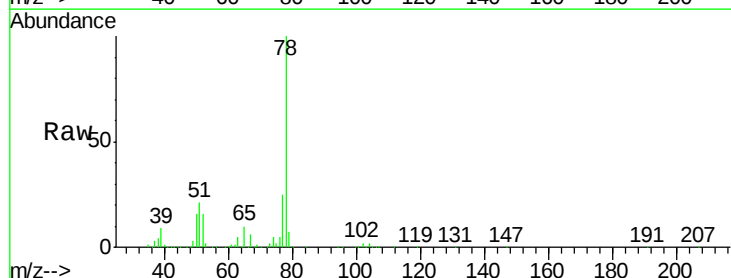


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

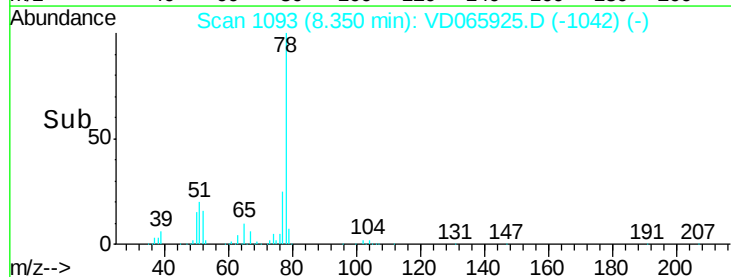
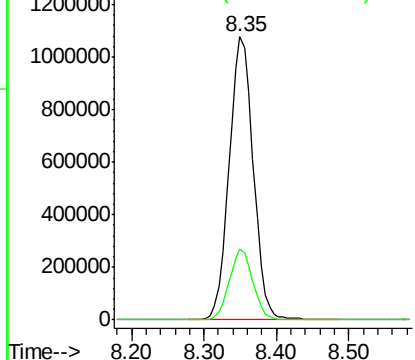


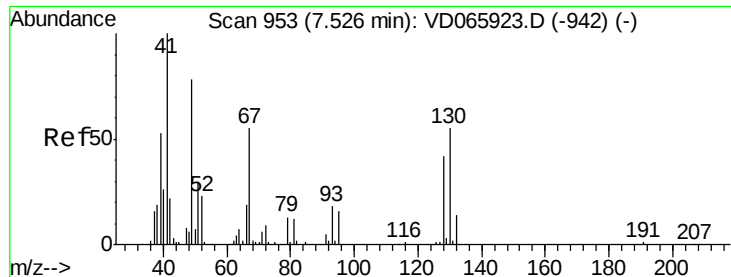
#40
Benzene
Concen: 139.264 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 78 Resp: 2488173
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 122.652 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 197545
Ion Ratio Lower Upper

41 100

39 0.0 42.4 63.6#

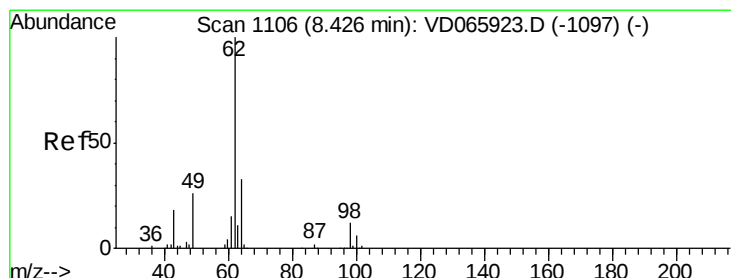
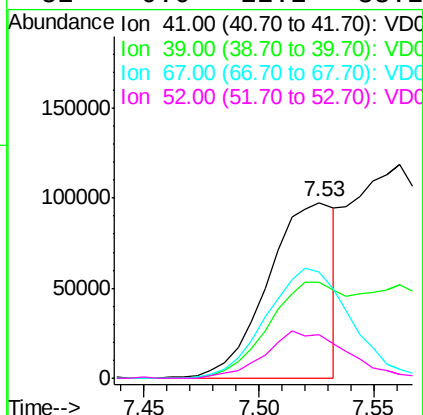
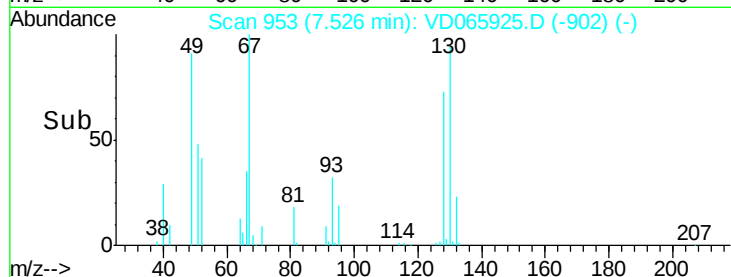
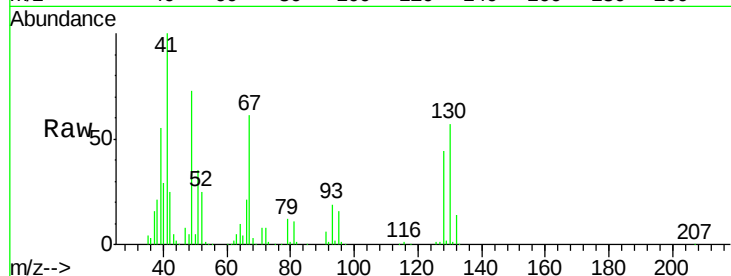
67 0.0 53.6 80.4#

52 0.0 22.2 33.2#

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#42

1,2-Dichloroethane

Concen: 137.053 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

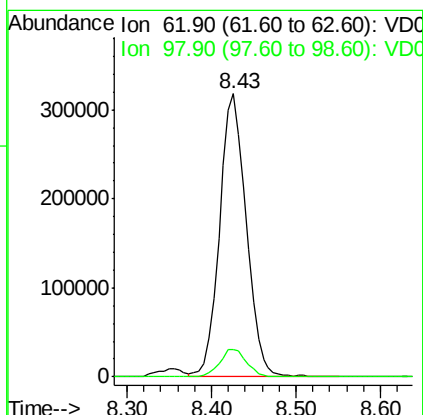
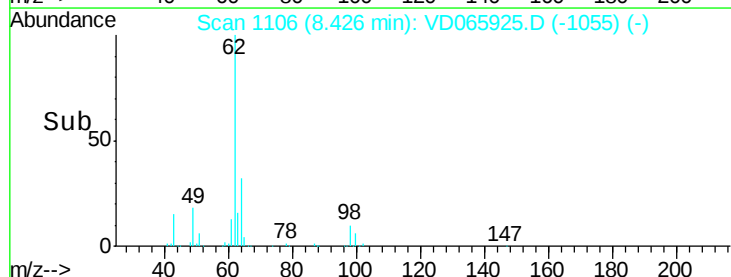
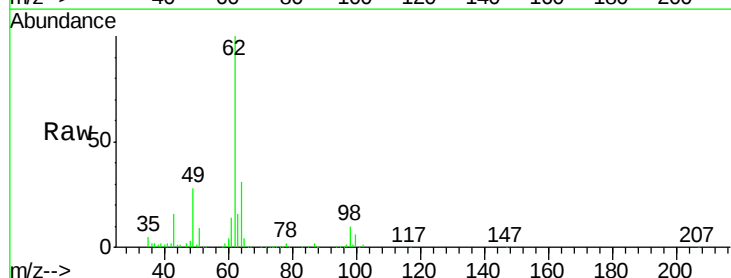
Lab File: VD065925.D

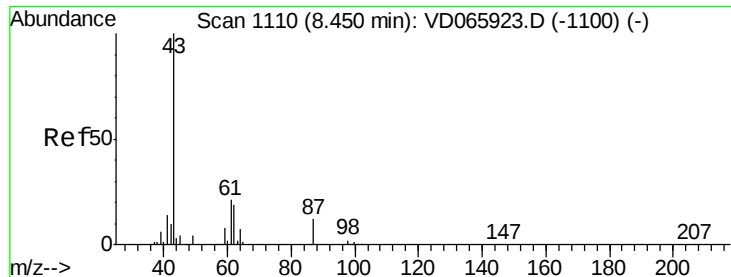
Acq: 07 Jul 2020 15:55

Tgt Ion: 62 Resp: 693693
Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.0





#43

Isopropyl Acetate

Concen: 143.496 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

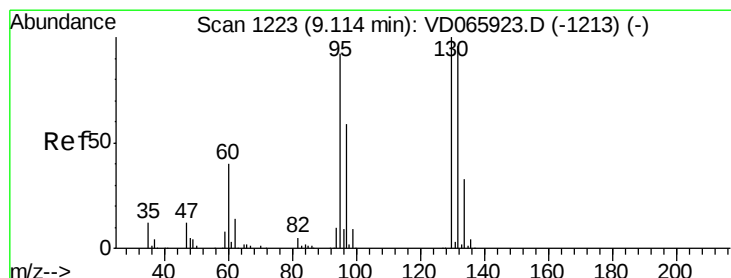
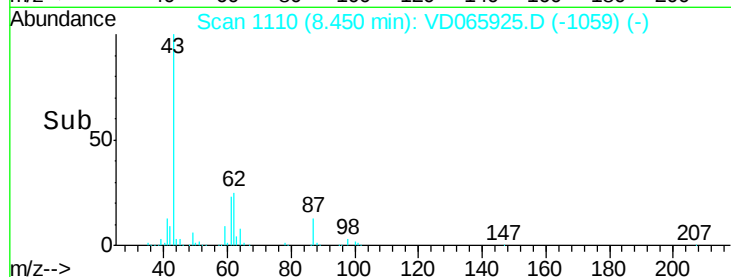
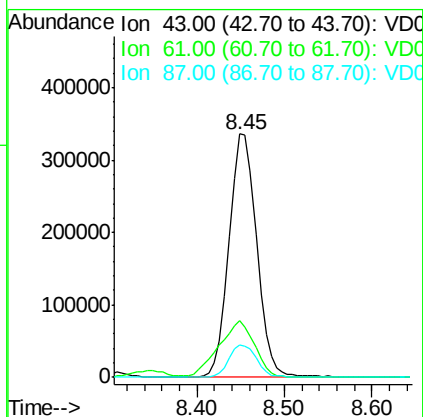
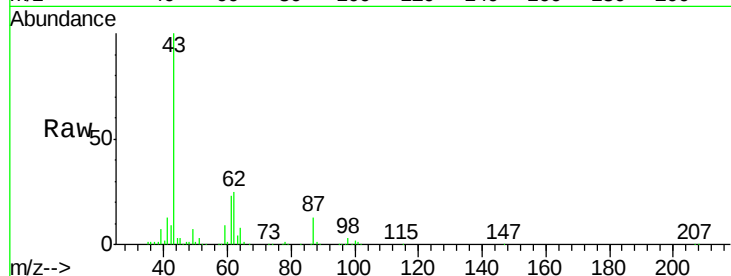
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	723772
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.2	34.8
87	13.5	10.0	15.0

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#44

Trichloroethene

Concen: 140.656 ug/l

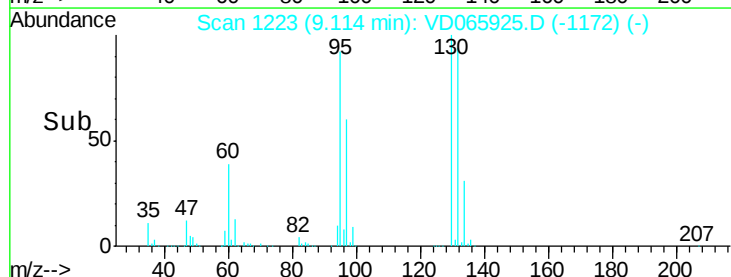
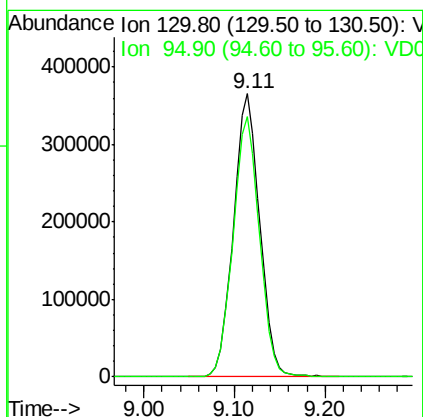
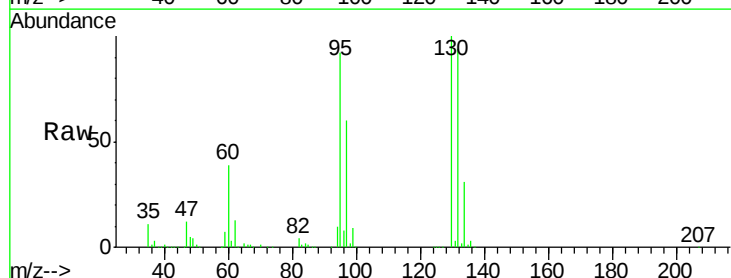
RT: 9.11 min Scan# 1223

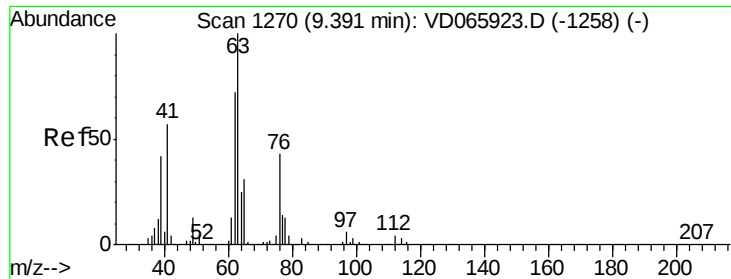
Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion:	130	Resp:	738376
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	184.6





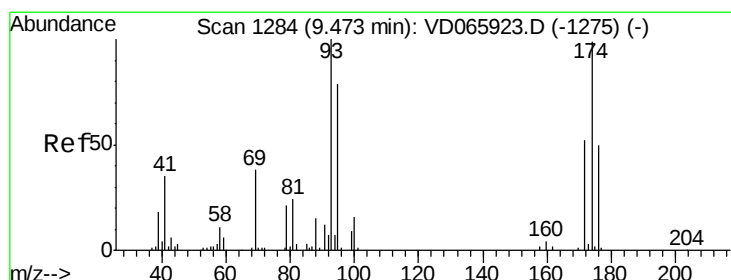
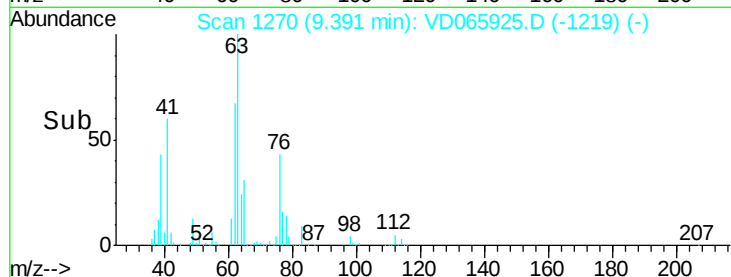
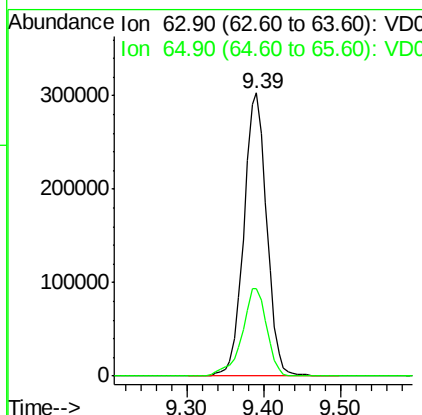
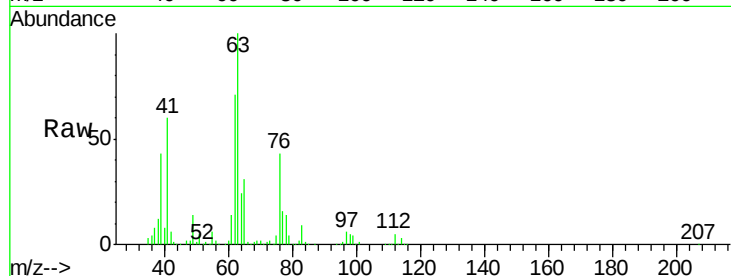
#45
 1,2-Dichloropropane
 Concen: 142.586 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.6

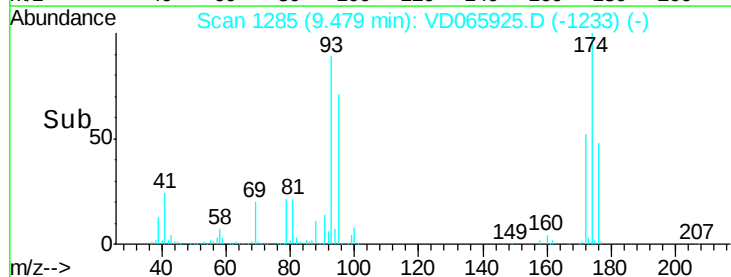
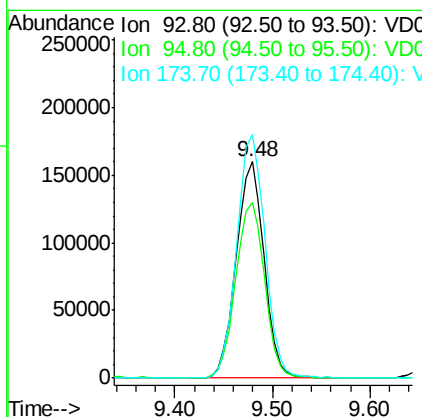
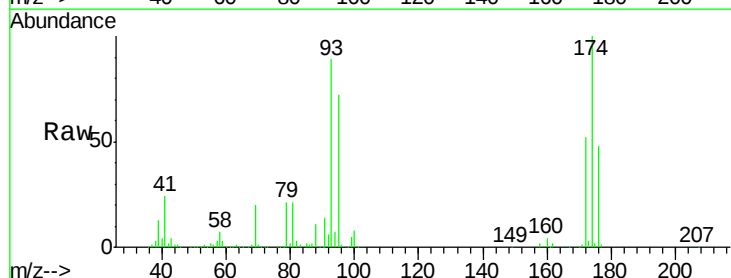
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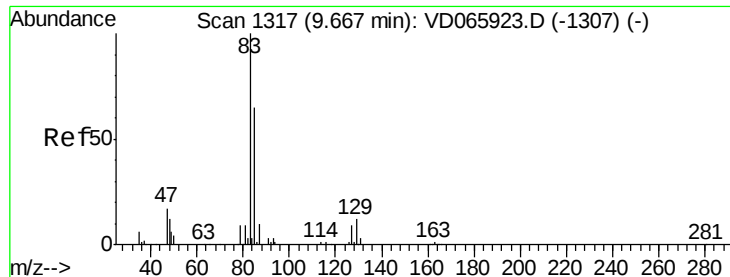
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#46
 Dibromomethane
 Concen: 138.689 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	68.2	102.2
174	113.6	88.0	132.0





#47

Bromodichloromethane

Concen: 141.218 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

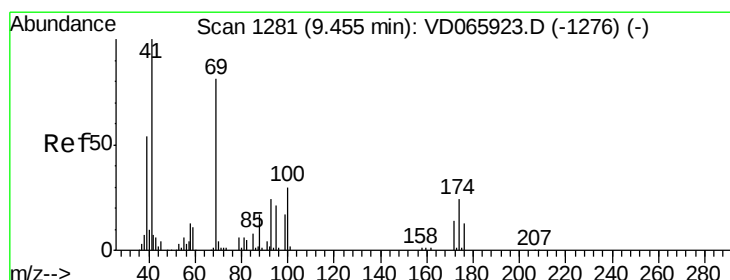
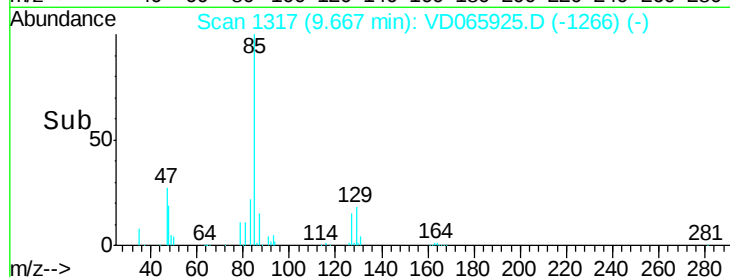
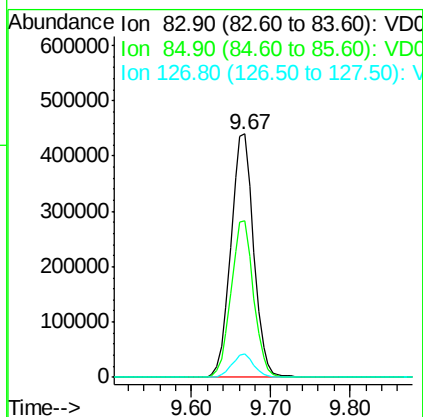
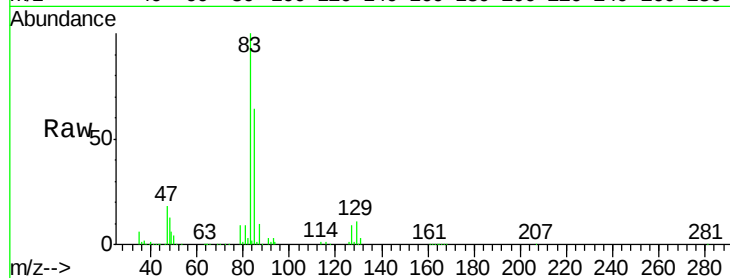
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	874548
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	9.4	7.2	10.8

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#48

Methyl methacrylate

Concen: 148.277 ug/l

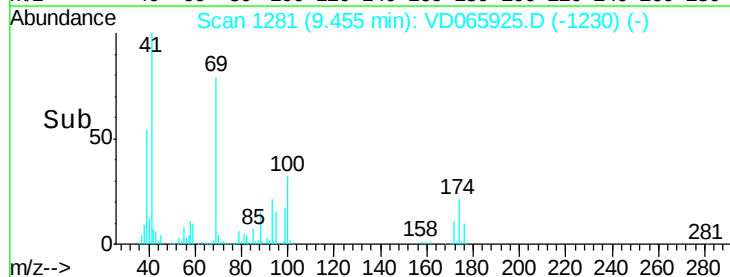
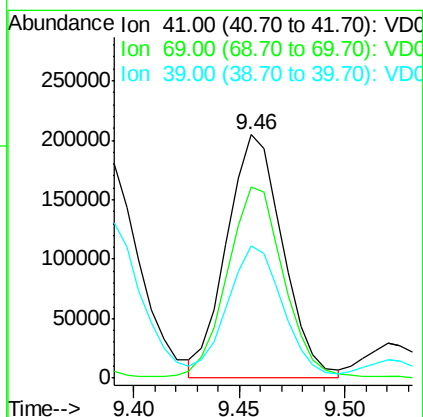
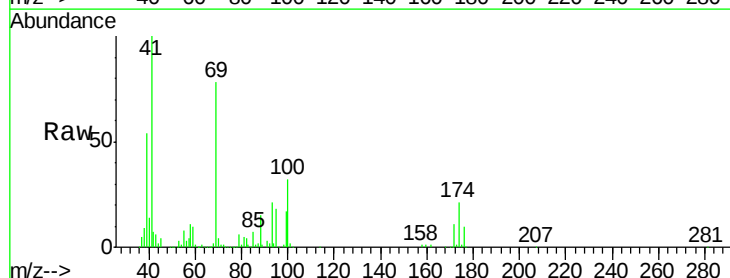
RT: 9.46 min Scan# 1281

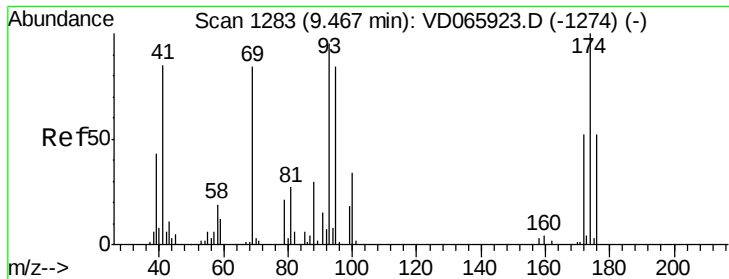
Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion:	41	Resp:	376503
Ion	Ratio	Lower	Upper
41	100		
69	79.7	62.2	93.4
39	50.9	39.9	59.9





#49

1,4-Dioxane

Concen: 2806.437 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

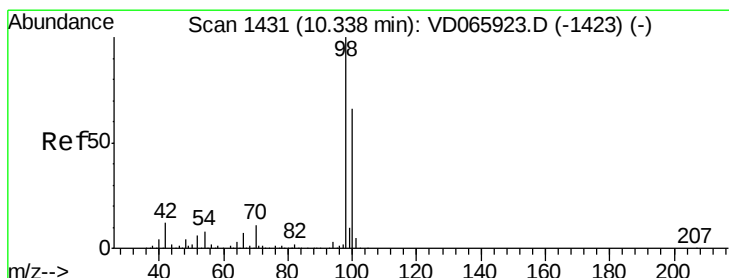
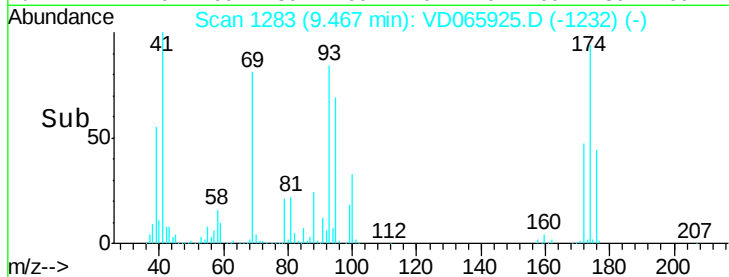
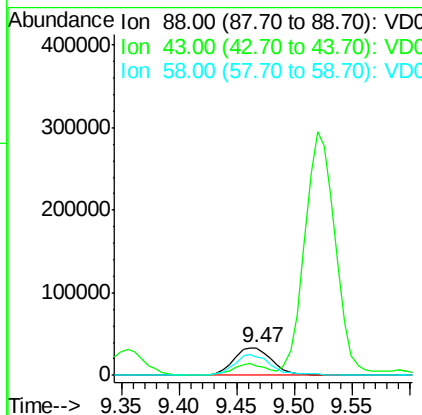
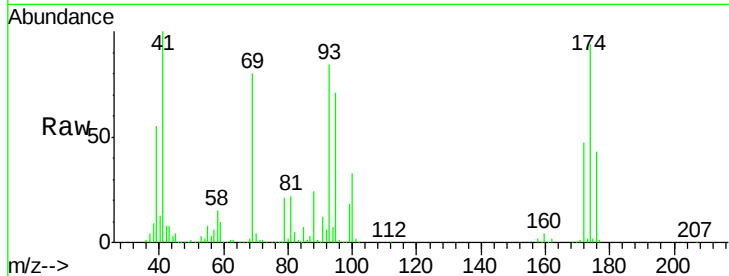
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	76985
Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.2	42.4
58	71.1	58.6	87.8

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#50

Toluene-d8

Concen: 136.708 ug/l

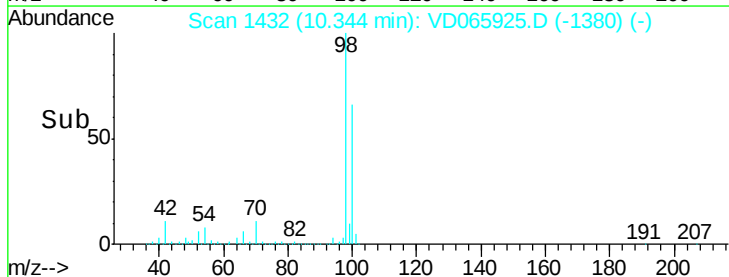
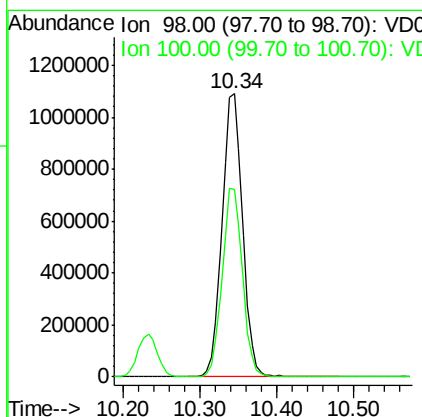
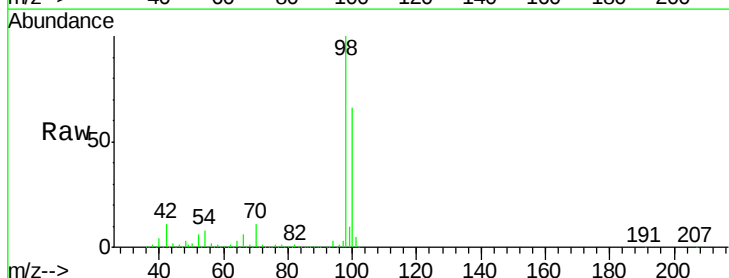
RT: 10.34 min Scan# 1432

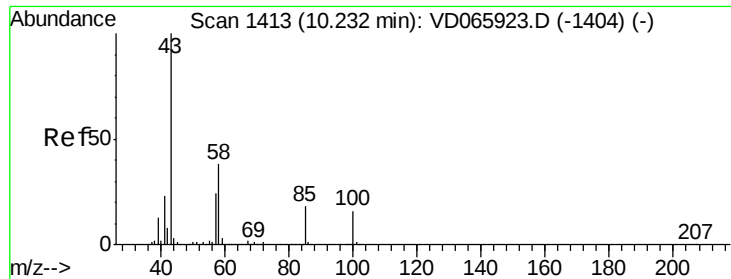
Delta R.T. 0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion:	98	Resp:	2014883
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





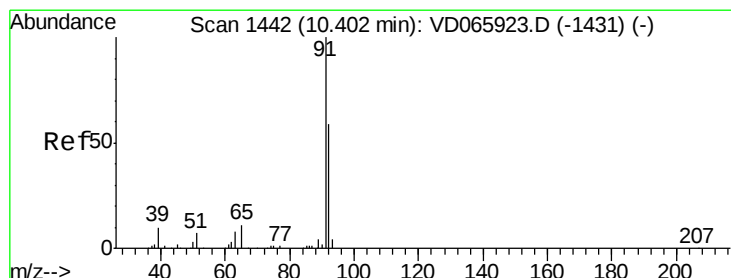
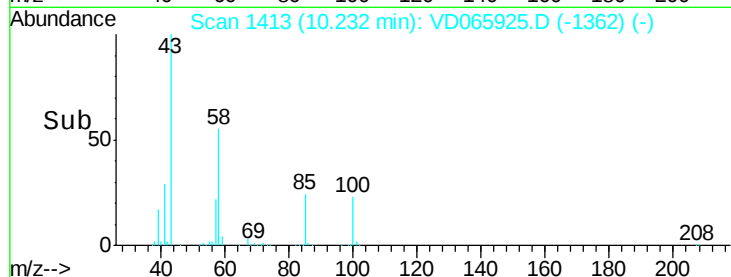
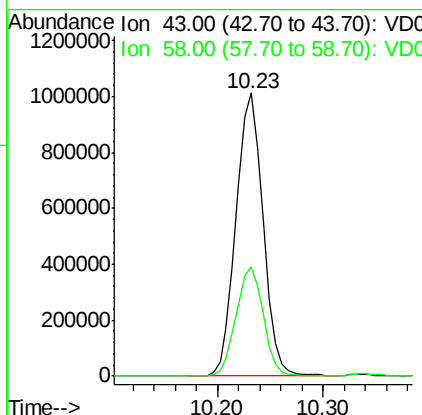
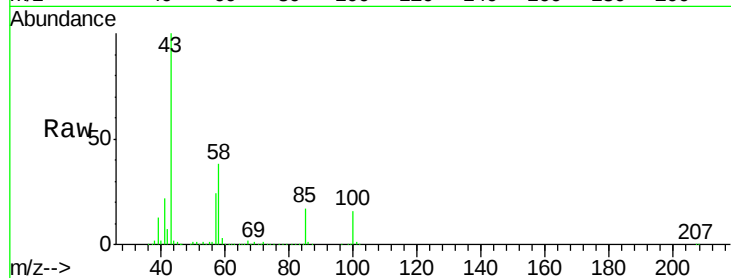
#51
4-Methyl-2-Pentanone
Concen: 703.836 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1794788
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7

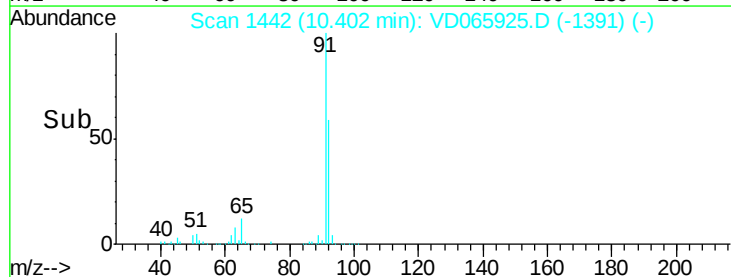
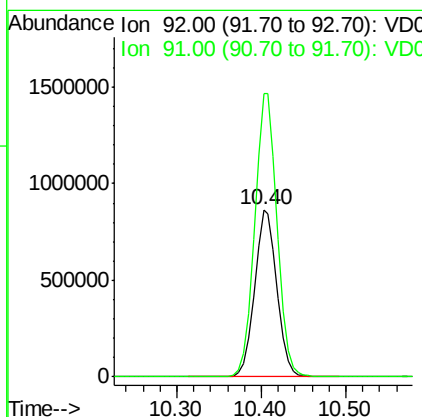
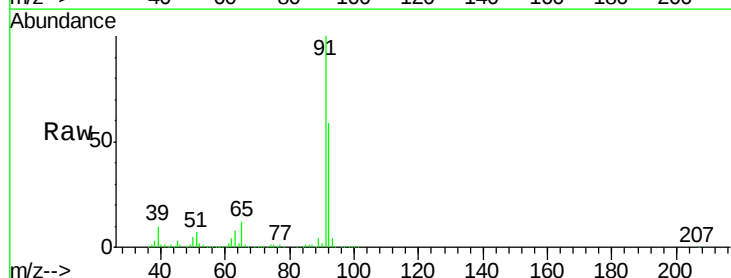
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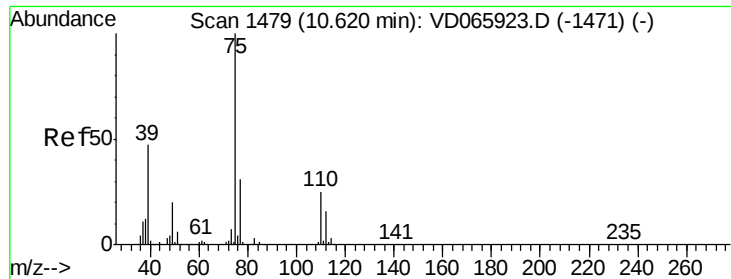
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#52
Toluene
Concen: 139.992 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 92 Resp: 1591229
Ion Ratio Lower Upper
92 100
91 171.5 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 145.866 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 849379

Ion Ratio Lower Upper

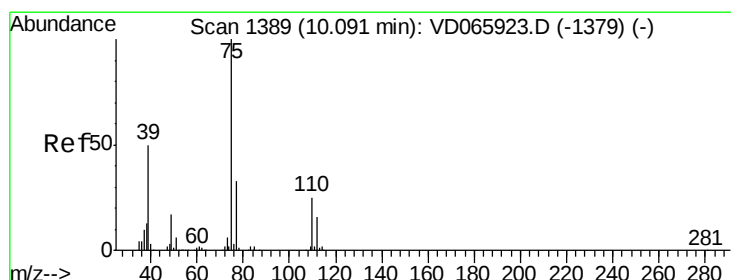
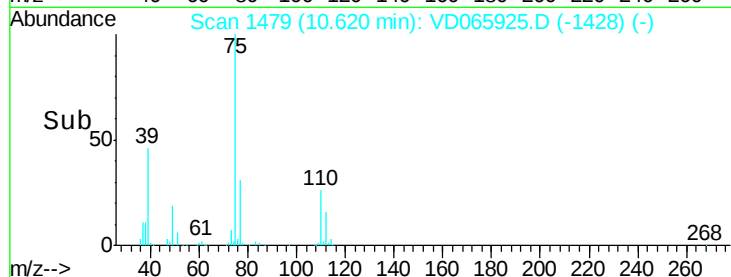
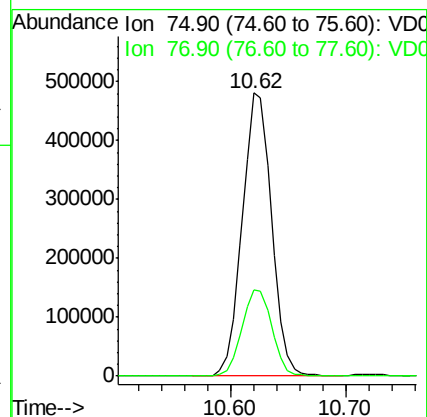
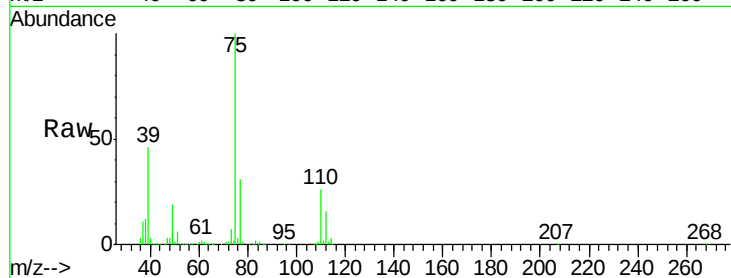
75 100

77 30.5 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 144.983 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

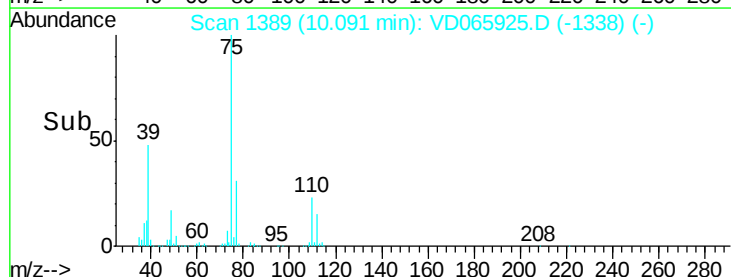
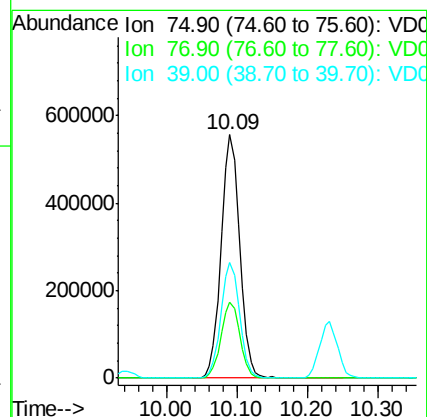
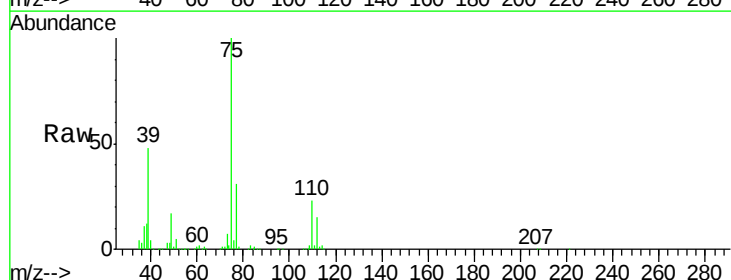
Tgt Ion: 75 Resp: 1020125

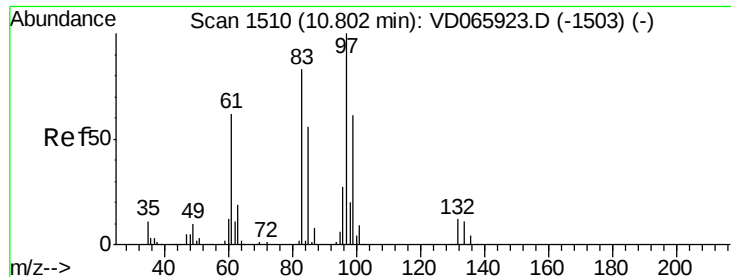
Ion Ratio Lower Upper

75 100

77 31.2 26.6 39.8

39 47.5 39.6 59.4





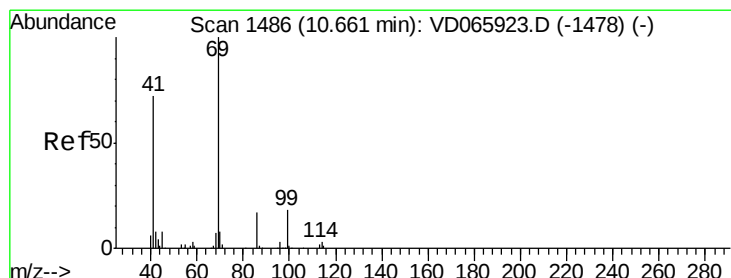
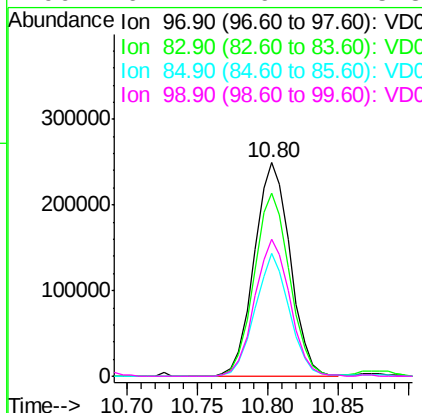
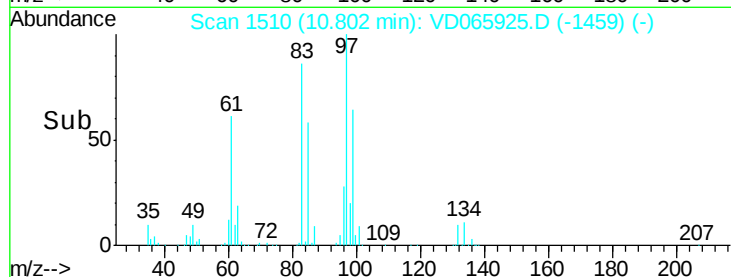
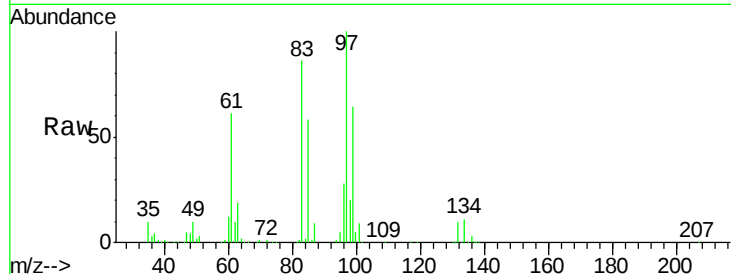
#55
 1,1,2-Trichloroethane
 Concen: 140.014 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	445369
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.9	100.3
85	57.5	44.5	66.7
99	64.4	49.2	73.8

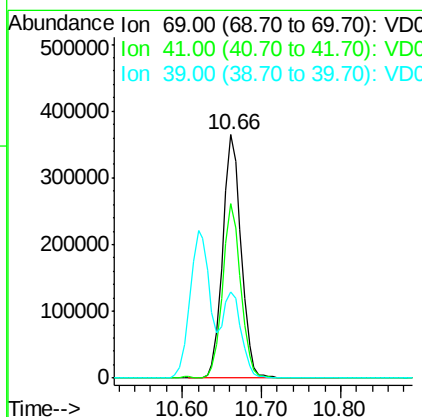
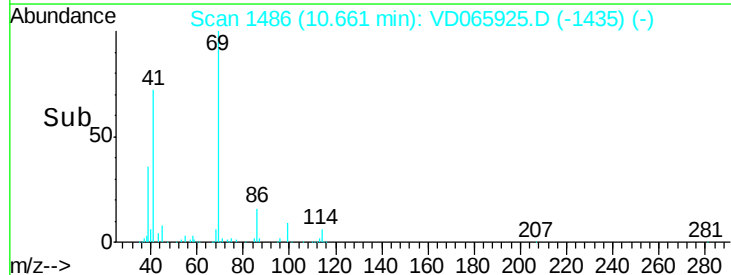
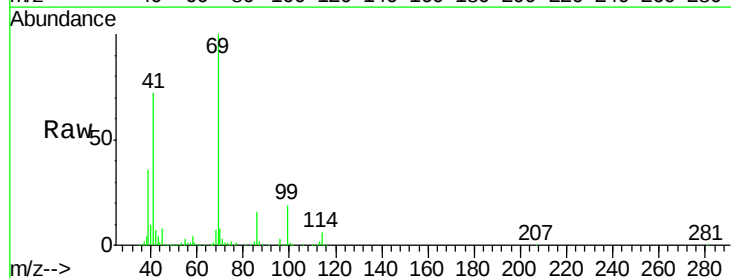
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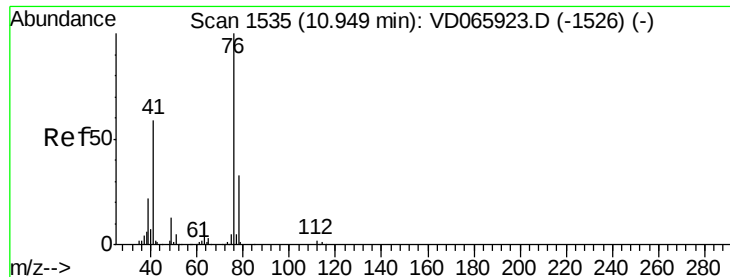
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#56
 Ethyl methacrylate
 Concen: 150.971 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion:	69	Resp:	586536
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	35.3	29.2	43.8





#57

1,3-Dichloropropane

Concen: 139.642 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 776797

Ion Ratio Lower Upper

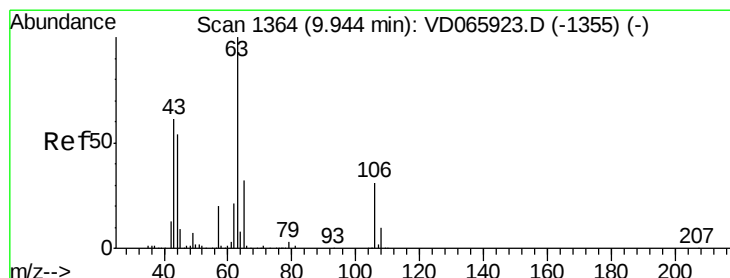
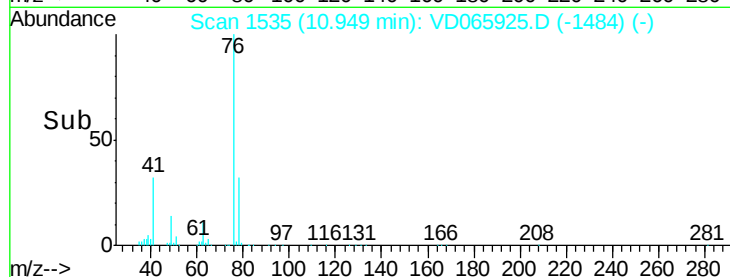
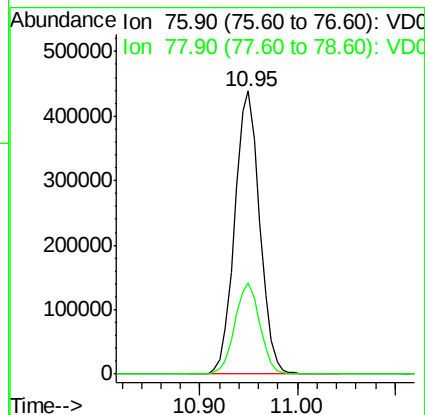
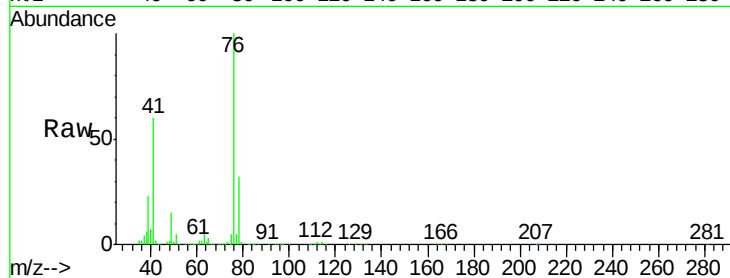
76 100

78 32.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 697.361 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065925.D

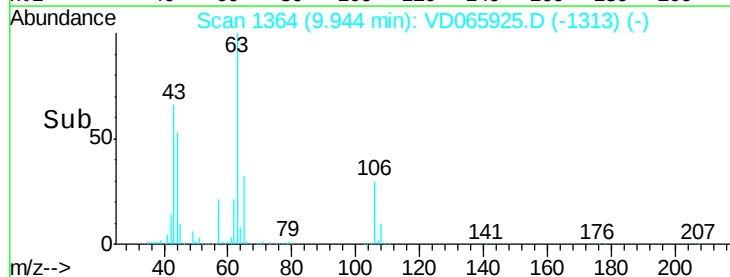
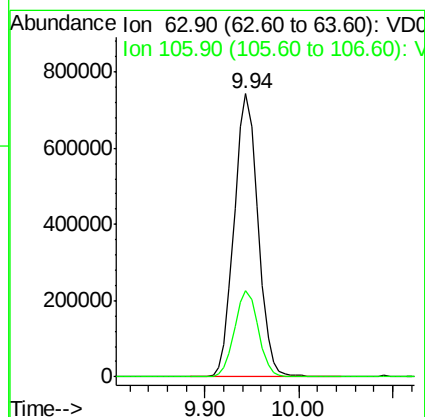
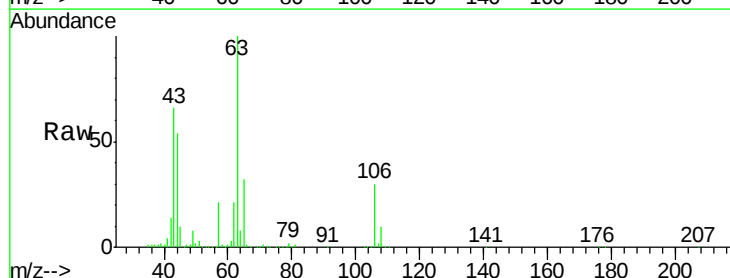
Acq: 07 Jul 2020 15:55

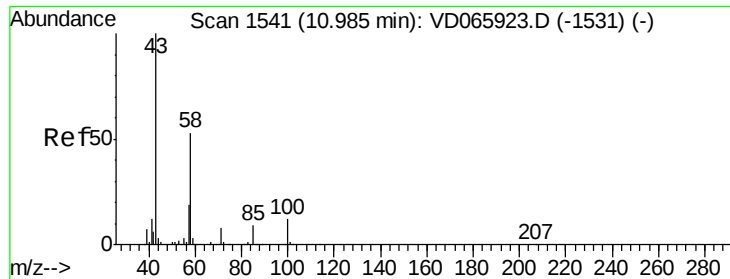
Tgt Ion: 63 Resp: 1312120

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.6





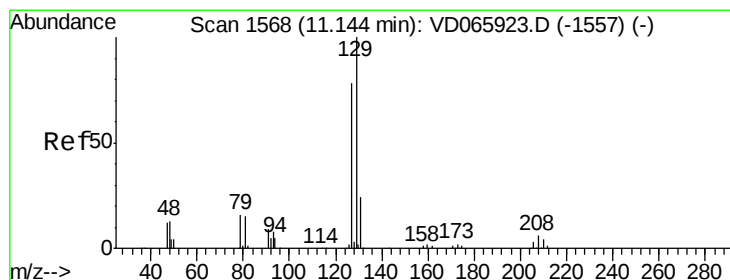
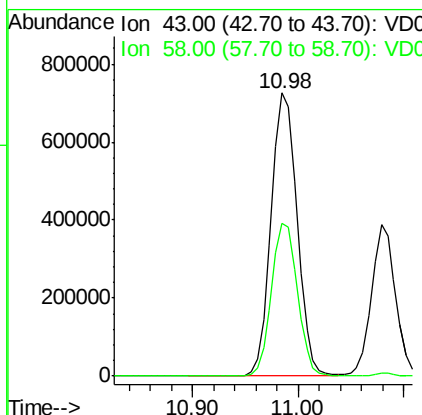
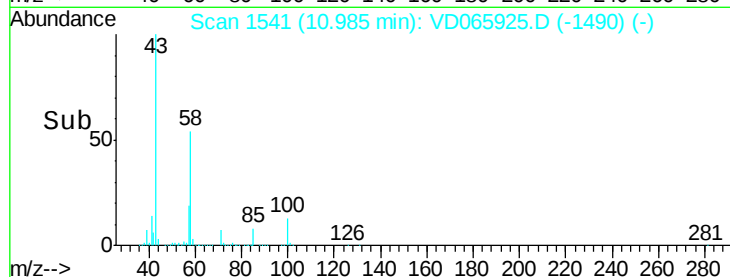
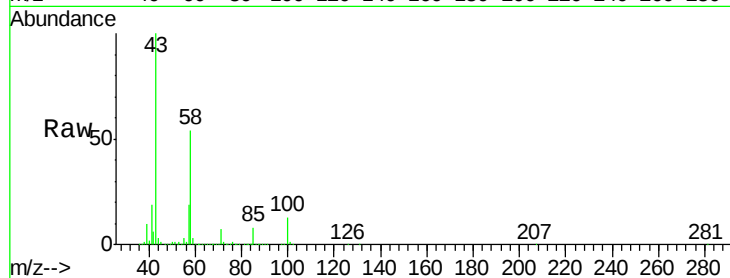
#59
2-Hexanone
Concen: 704.233 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 1235039
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.8

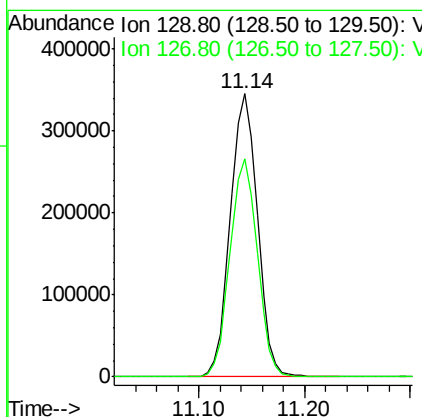
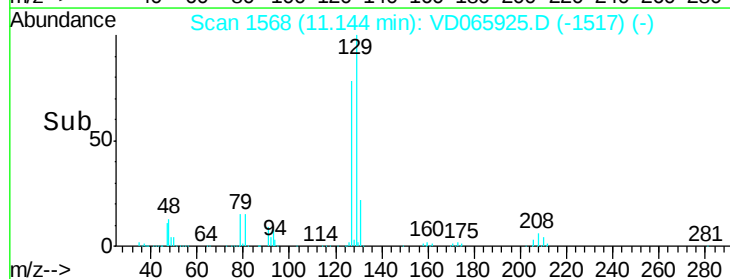
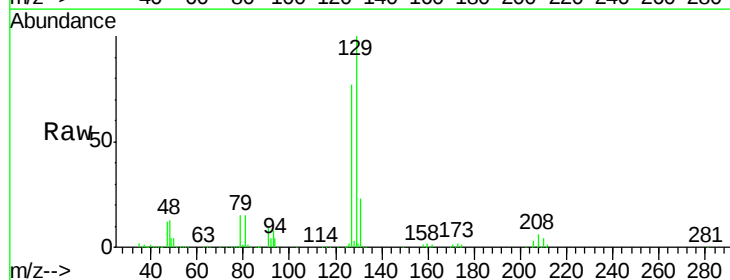
Manual Integrations
APPROVED

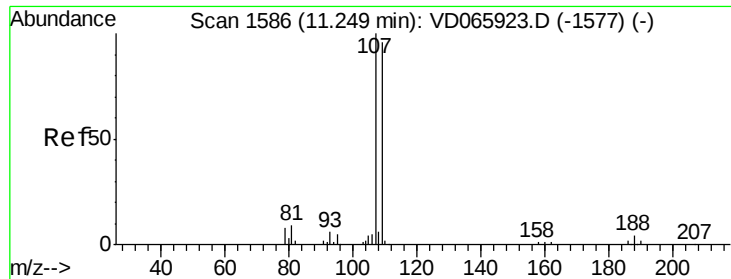
MMDadoda
7/8/2020 12:05:27 PM



#60
Dibromochloromethane
Concen: 141.312 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 129 Resp: 614124
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





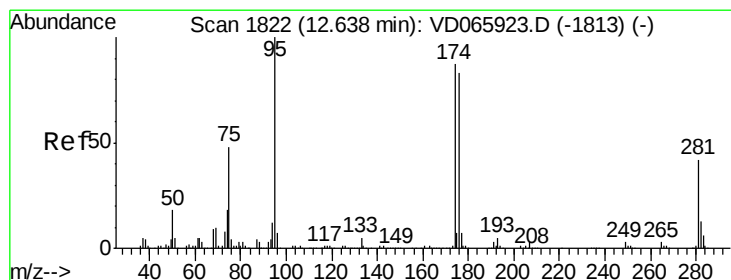
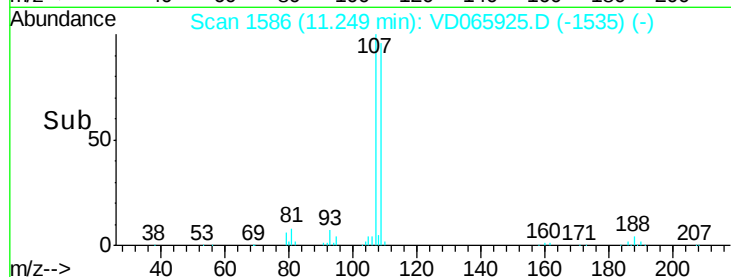
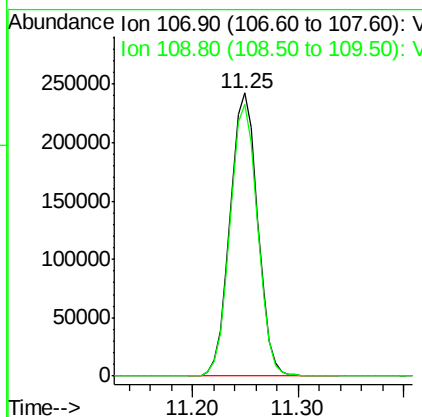
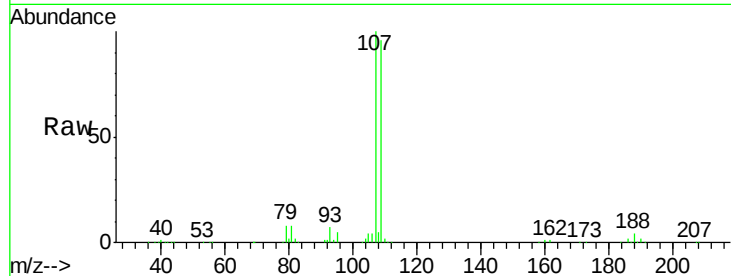
#61
 1,2-Dibromoethane
 Concen: 137.906 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 107 Resp: 437362
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.4 113.0

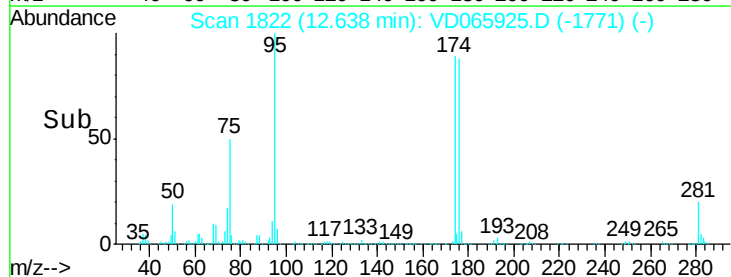
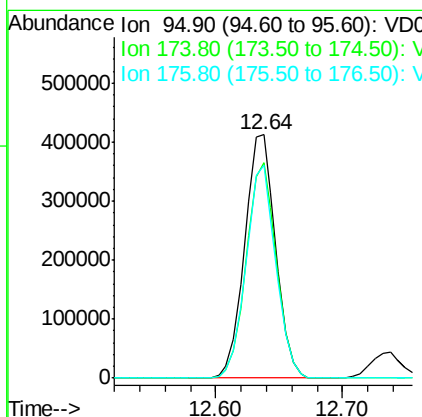
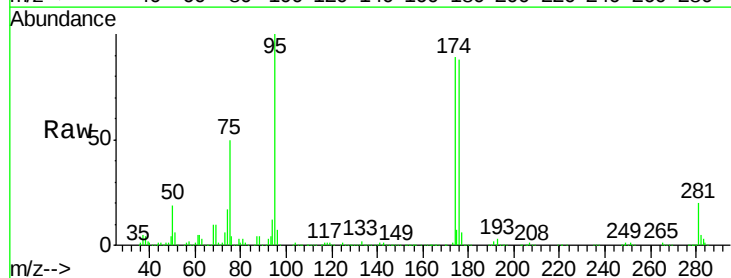
Manual Integrations
 APPROVED

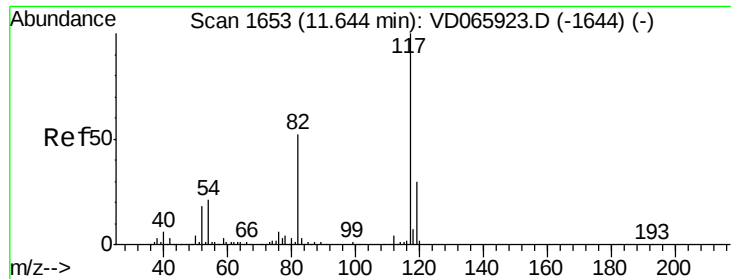
MMDadoda
 7/8/2020 12:05:27 PM



#62
 4-Bromofluorobenzene
 Concen: 138.348 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion: 95 Resp: 700218
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 169.4
 176 83.9 0.0 164.0





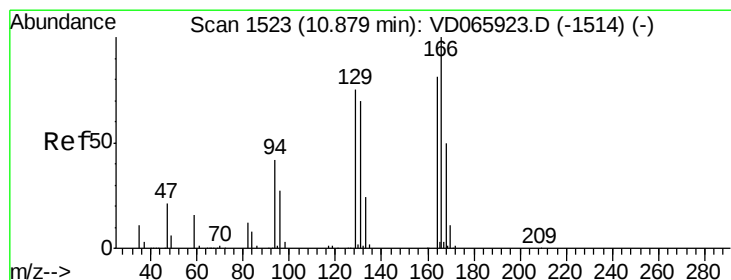
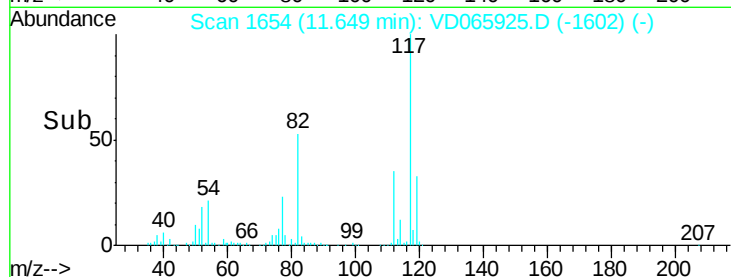
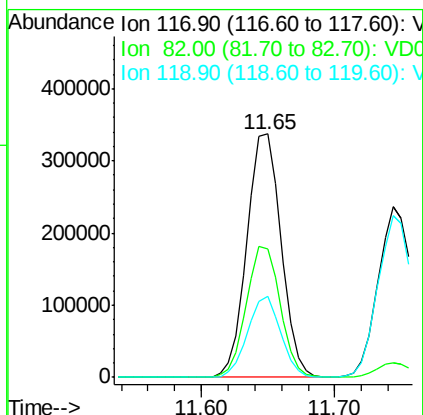
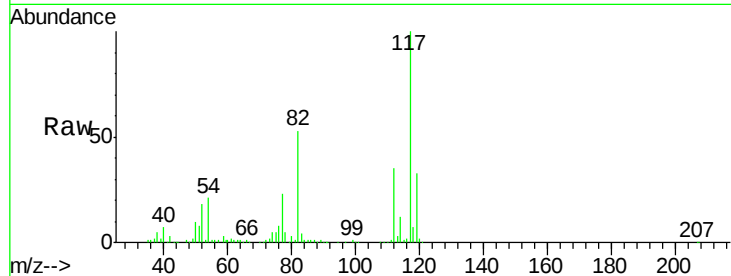
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	597060		
82	52.9		41.8	62.8
119	33.3		24.3	36.5

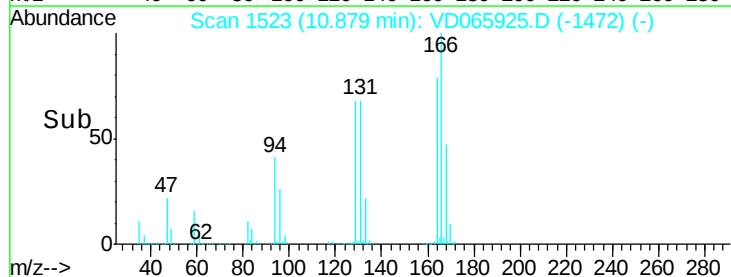
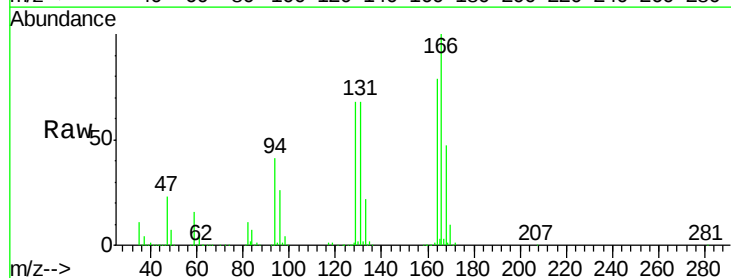
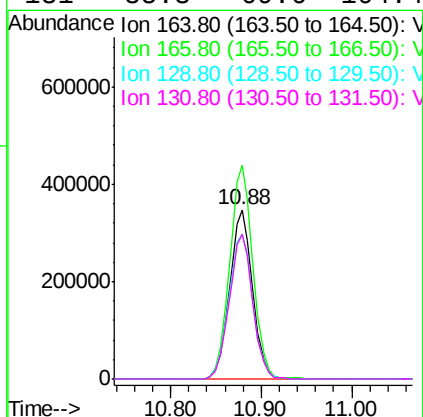
Manual Integrations
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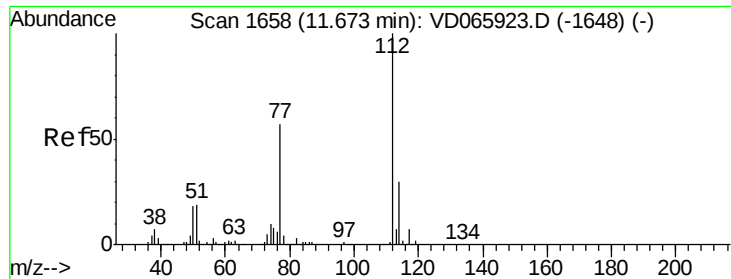
MMDadoda
7/8/2020 12:05:27 PM



#64
Tetrachloroethene
Concen: 140.395 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	609595		
166	126.3		99.0	148.4
129	85.9		73.9	110.9
131	85.3		69.6	104.4





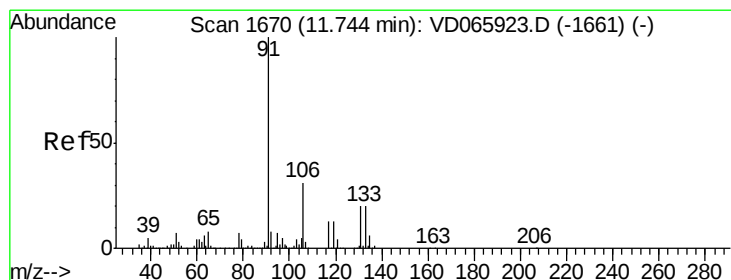
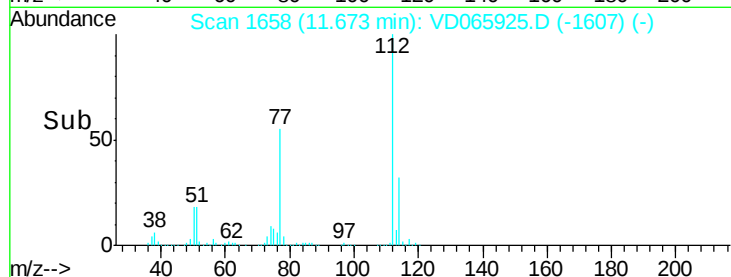
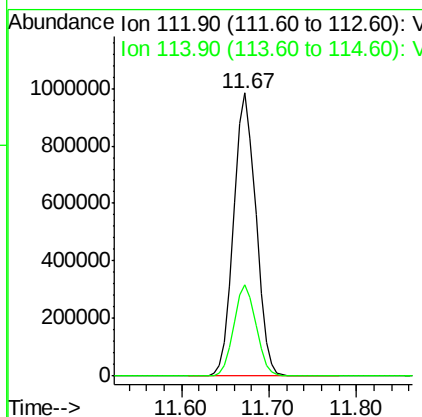
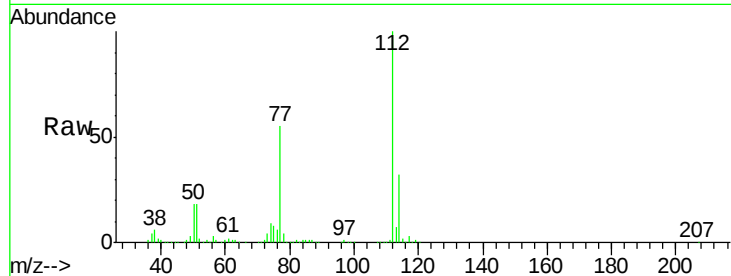
#65
Chlorobenzene
Concen: 140.813 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1694261
Ion Ratio Lower Upper
112 100
114 32.3 24.2 36.4

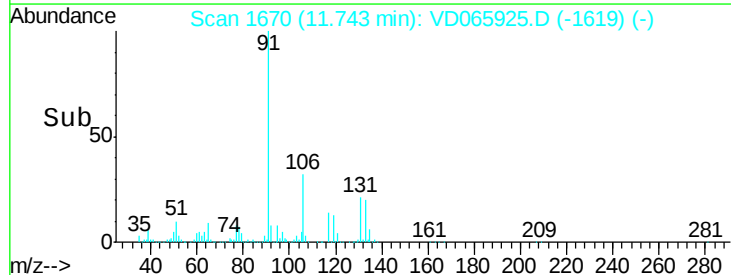
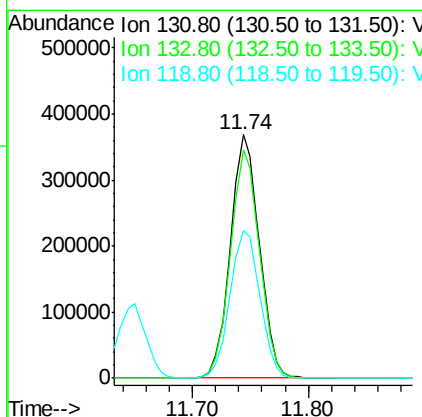
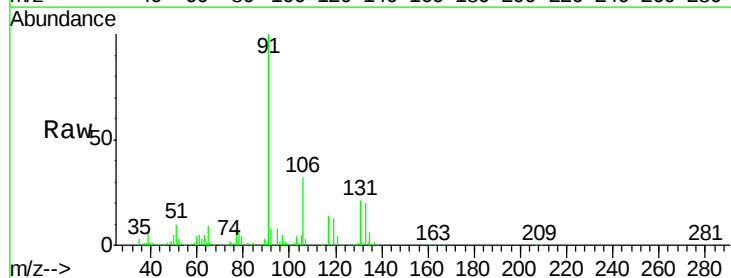
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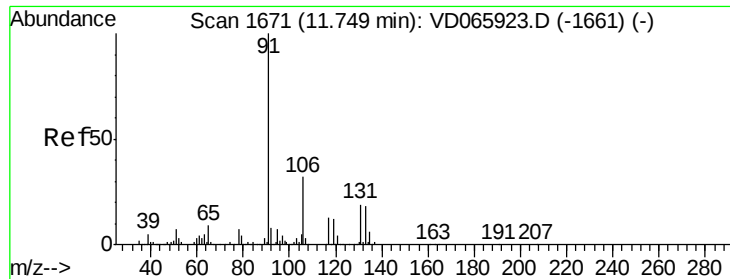
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 142.144 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion:131 Resp: 639681
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.6
119 62.7 31.9 95.9





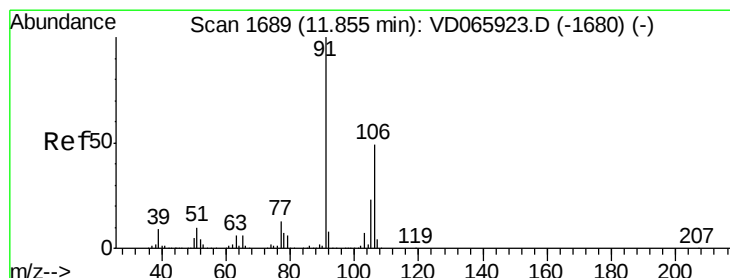
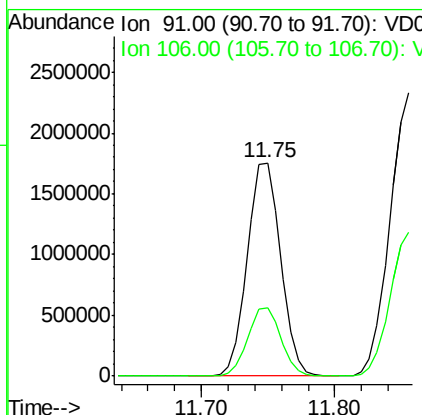
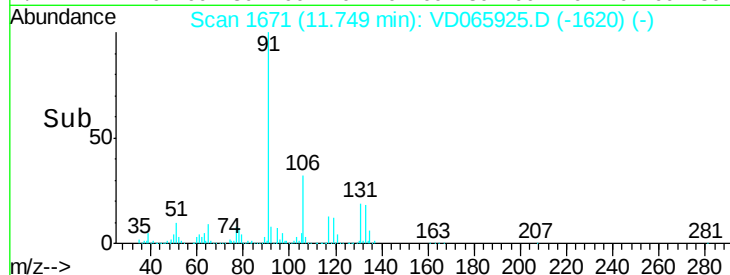
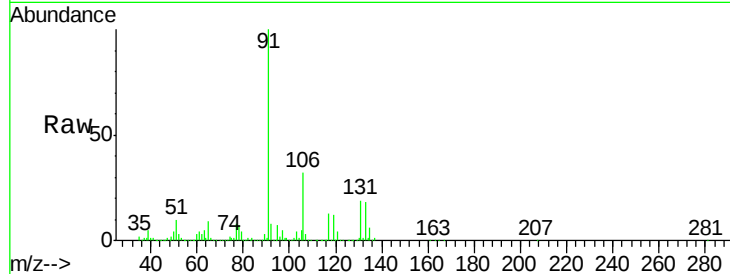
#67
Ethyl Benzene
Concen: 141.689 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3028592
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

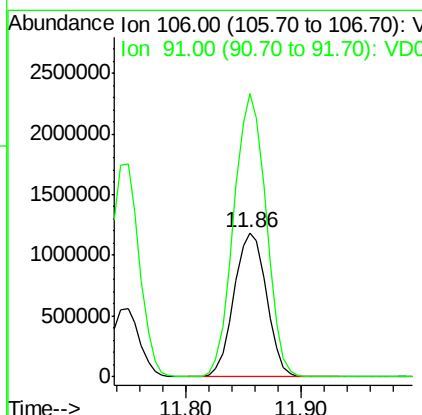
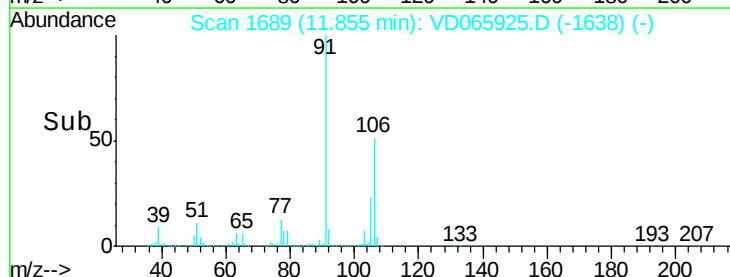
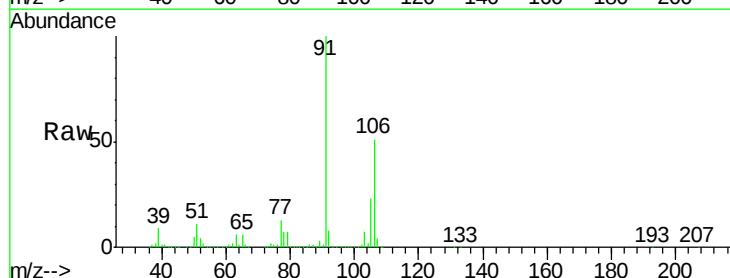
Manual Integrations
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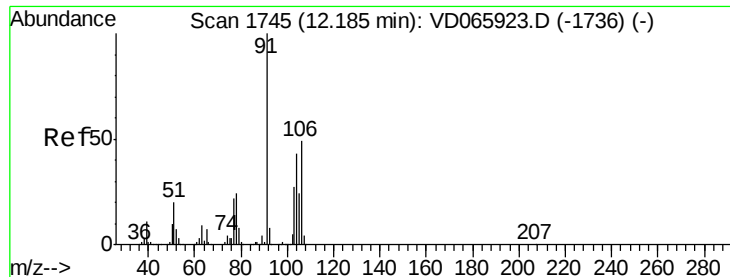
MMDadoda
7/8/2020 12:05:27 PM



#68
m/p-Xylenes
Concen: 285.367 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 106 Resp: 2317448
Ion Ratio Lower Upper
106 100
91 194.8 158.2 237.2





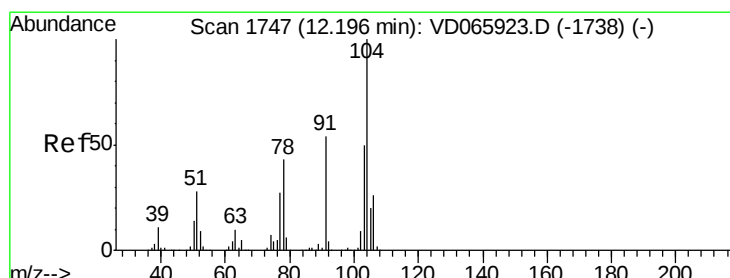
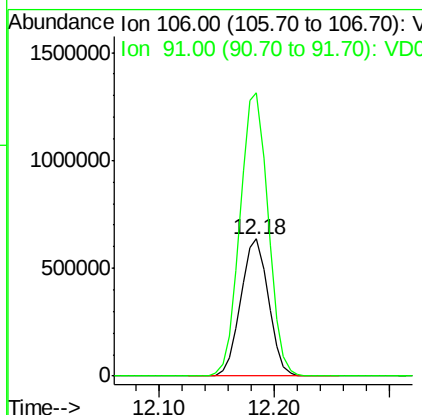
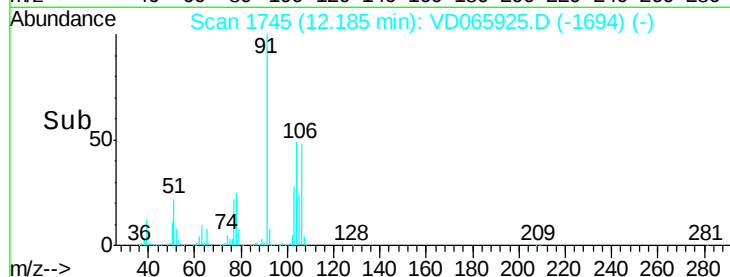
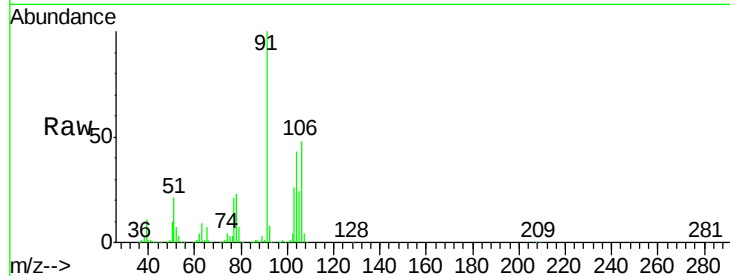
#69
o-Xylene
Concen: 144.012 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1065359
Ion Ratio Lower Upper
106 100
91 208.7 104.1 312.2

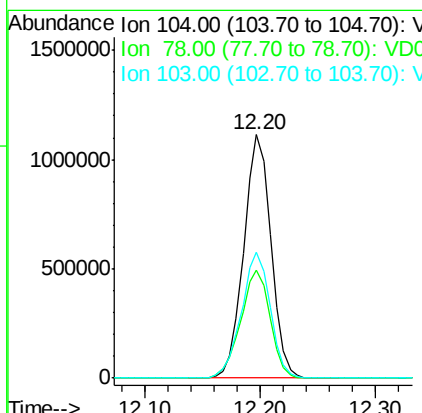
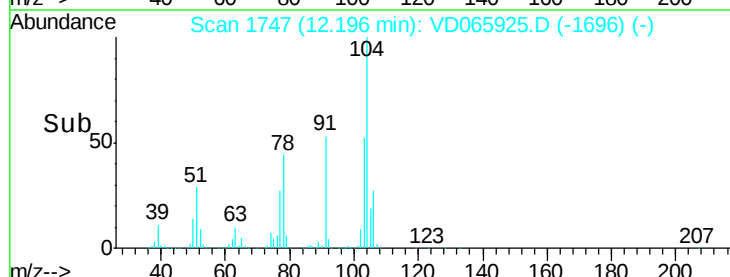
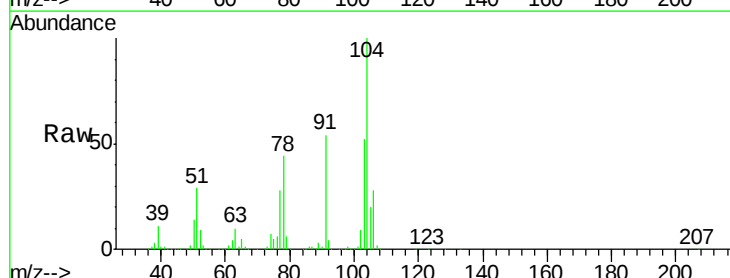
Manual Integrations
APPROVED

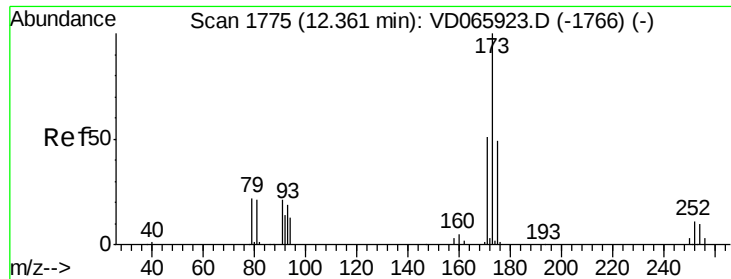
MMDadoda
7/8/2020 12:05:27 PM



#70
Styrene
Concen: 142.853 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion:104 Resp: 1824291
Ion Ratio Lower Upper
104 100
78 47.8 38.8 58.2
103 54.9 43.6 65.4





#71

Bromoform

Concen: 139.971 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

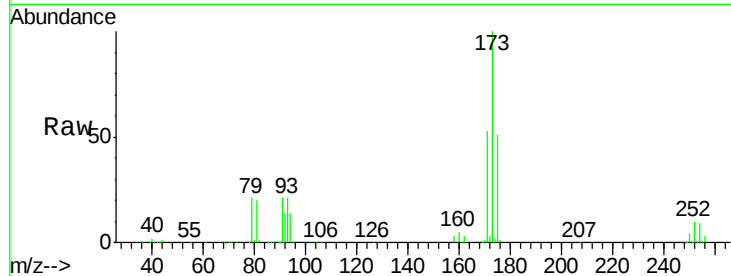
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.2	0.0	0.0

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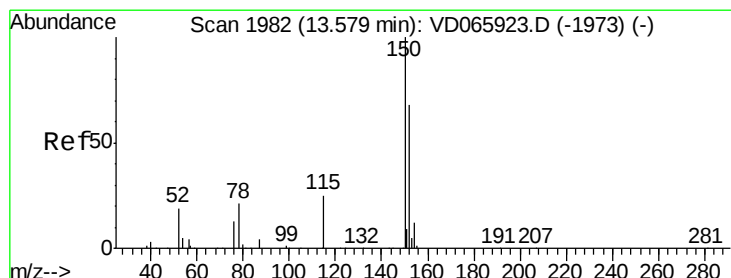
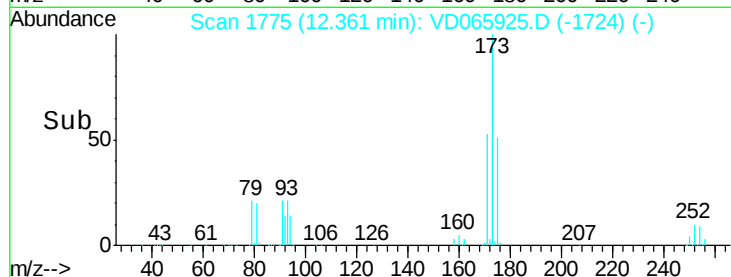
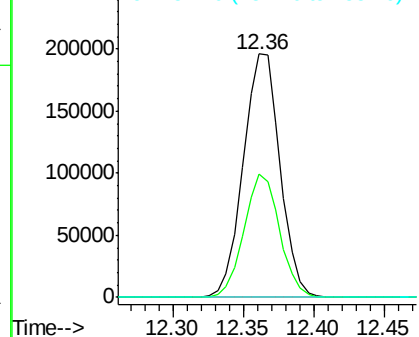


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

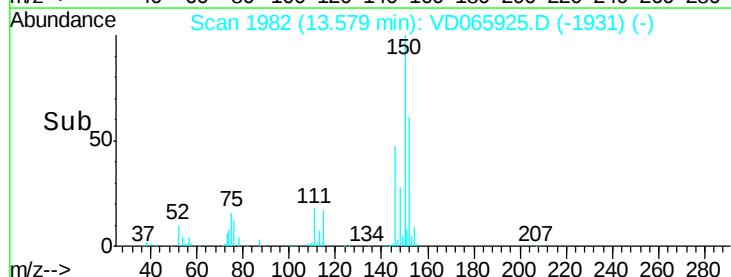
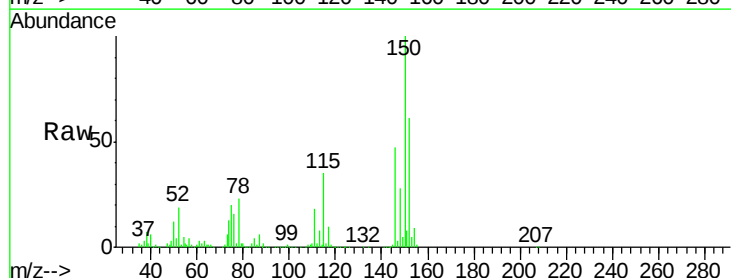
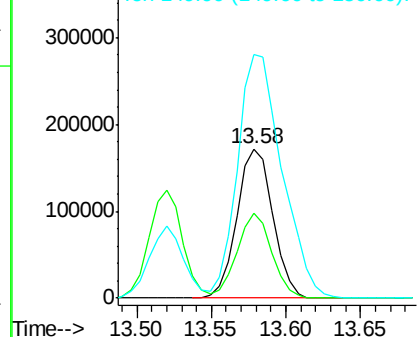
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.3
150	201.8	0.0	347.2

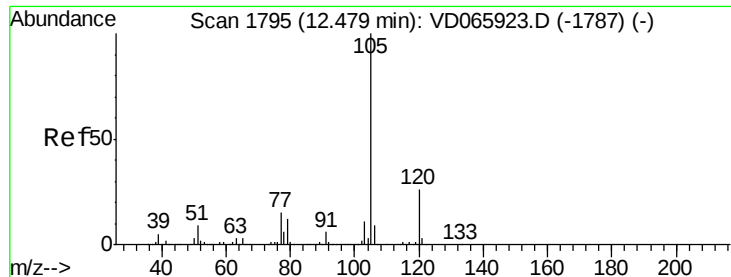
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 145.379 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2917852

Ion Ratio Lower Upper

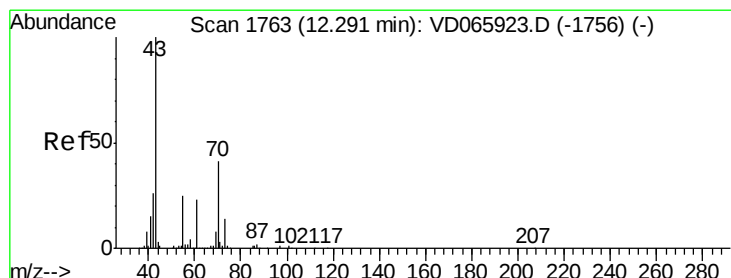
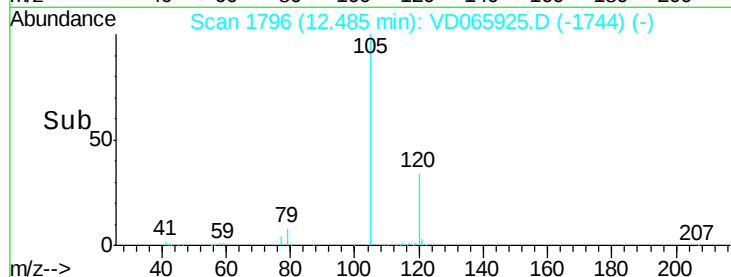
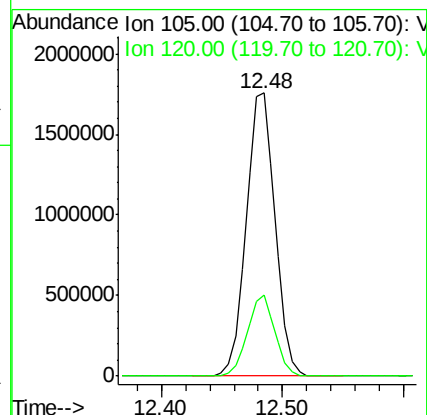
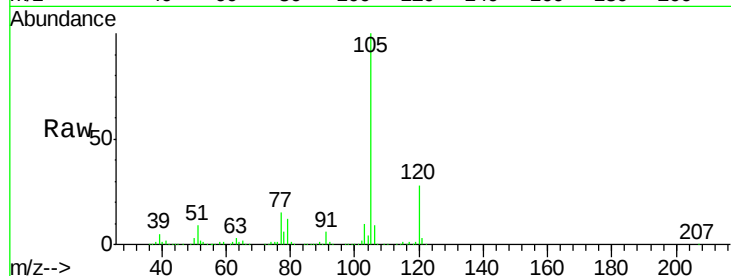
105 100

120 27.3 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 148.394 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion: 43 Resp: 668331

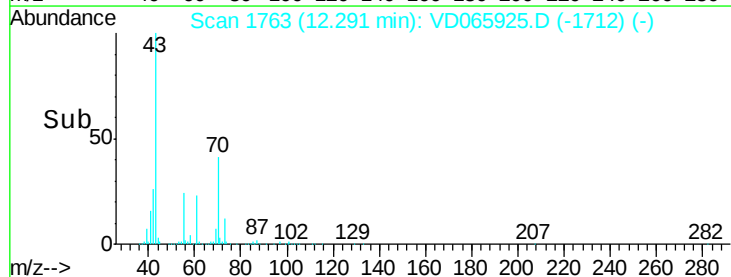
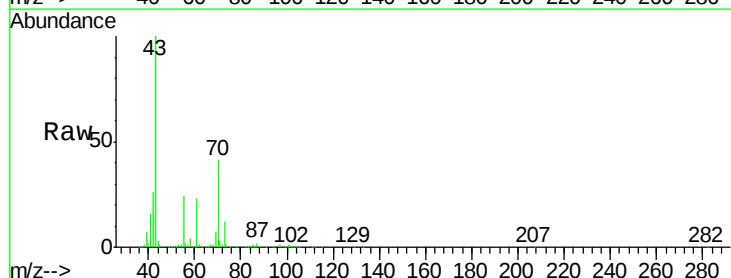
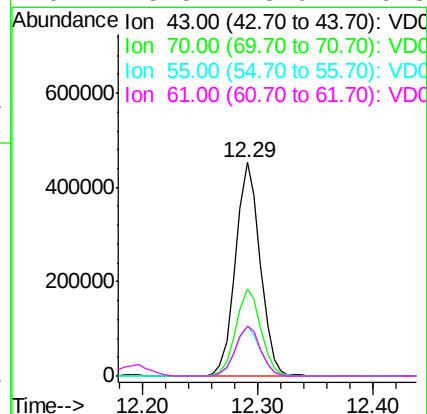
Ion Ratio Lower Upper

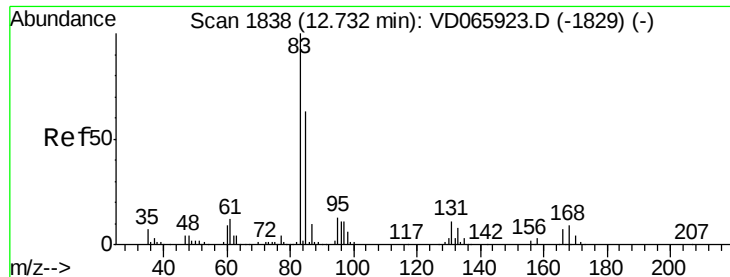
43 100

70 41.4 33.6 50.4

55 23.2 20.1 30.1

61 23.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 140.989 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

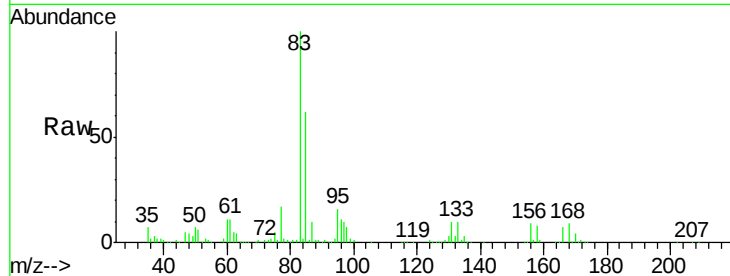
ClientSampleId :

VSTDIC150

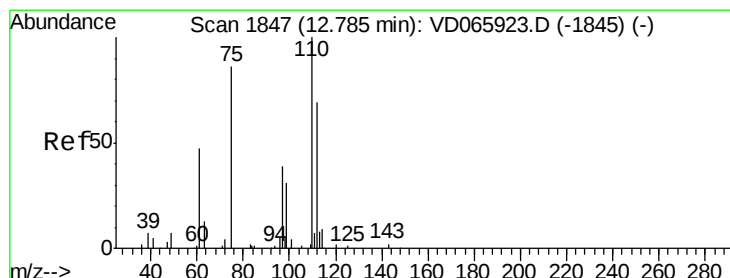
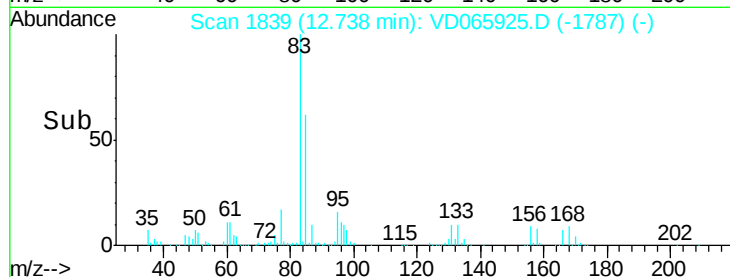
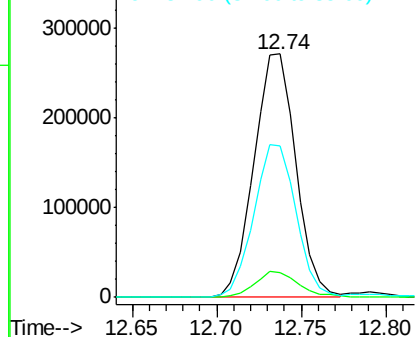
Tot Ion:	83	Resp:	469793
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	63.5	32.6	98.0

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



#76

1,2,3-Trichloropropane

Concen: 137.705 ug/l m

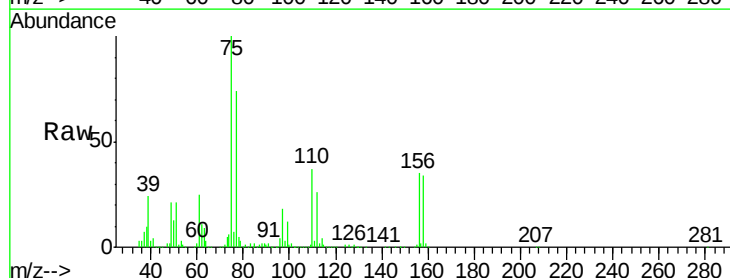
RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

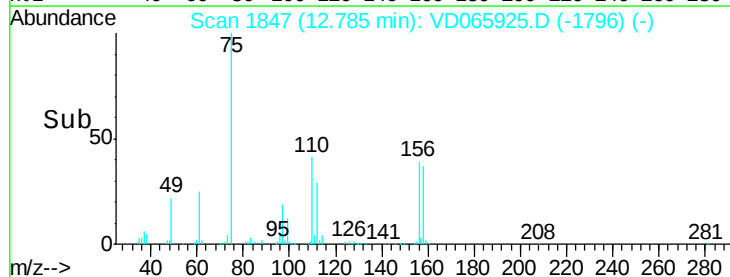
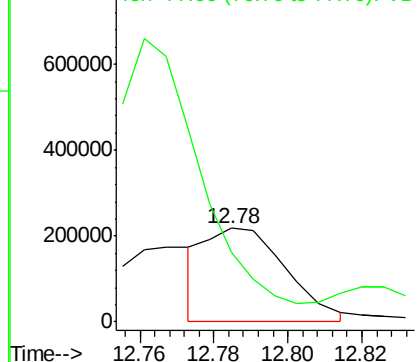
Lab File: VD065925.D

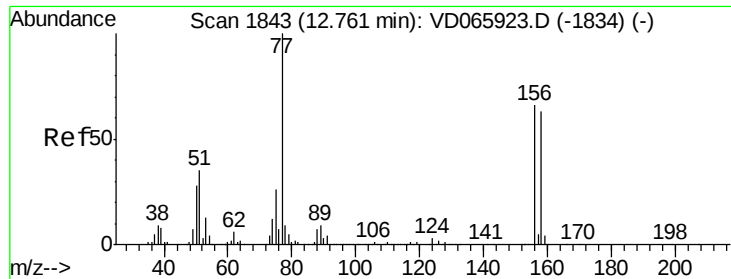
Acq: 07 Jul 2020 15:55

Tgt Ion:	75	Resp:	330850
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 145.340 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

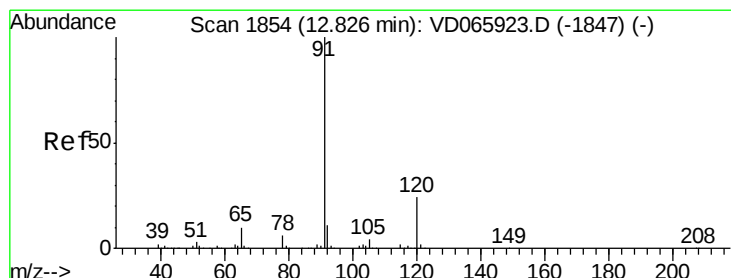
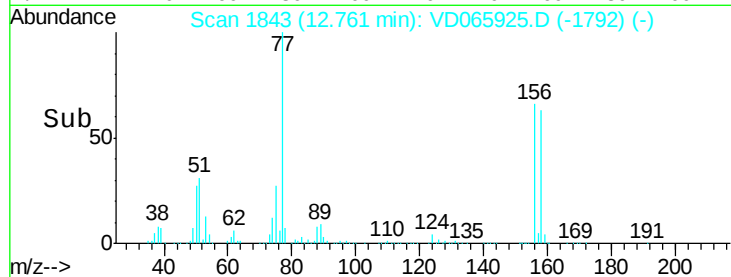
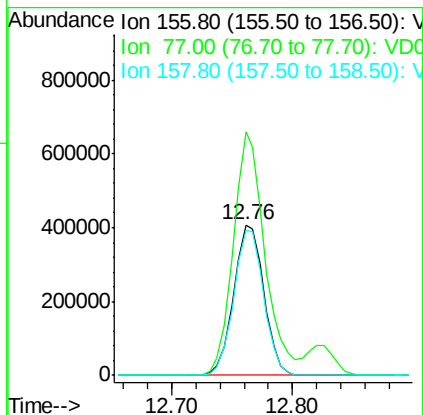
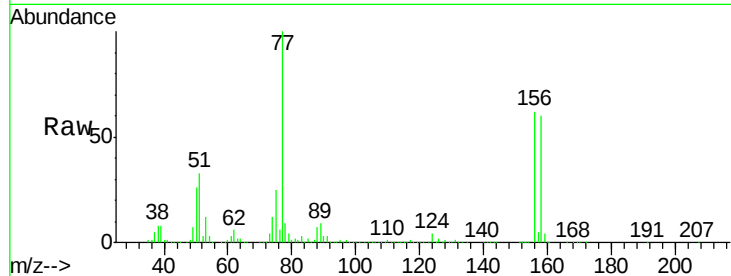
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.6	85.0	255.0
158	95.9	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 143.340 ug/l

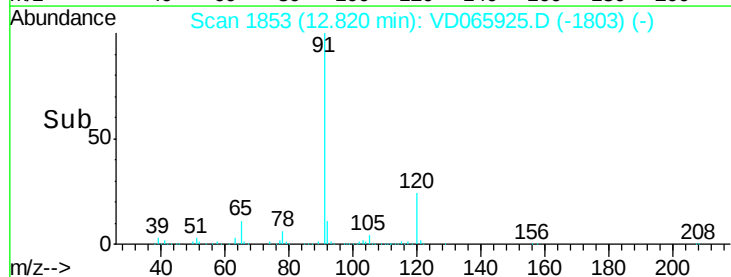
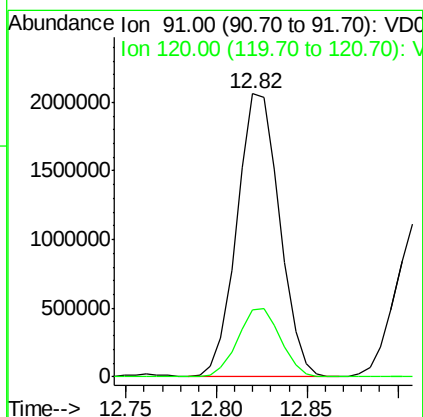
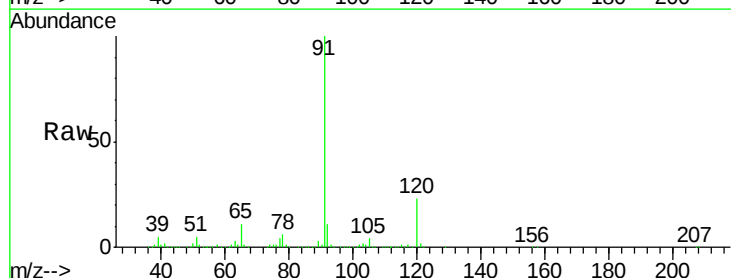
RT: 12.82 min Scan# 1853

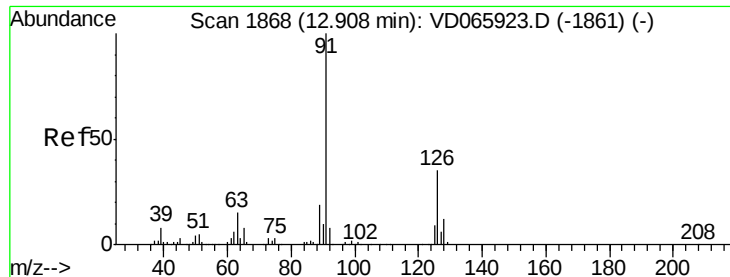
Delta R.T. -0.01 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 142.668 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1904507

Ion Ratio Lower Upper

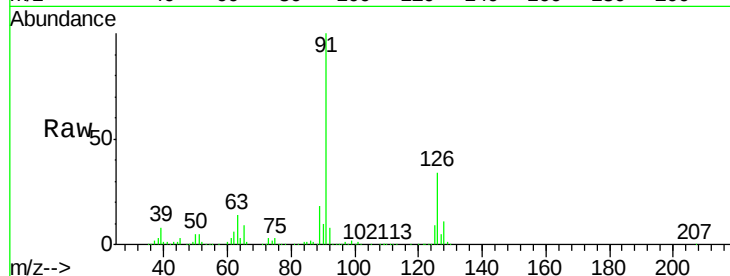
91 100

126 35.1 17.6 52.8

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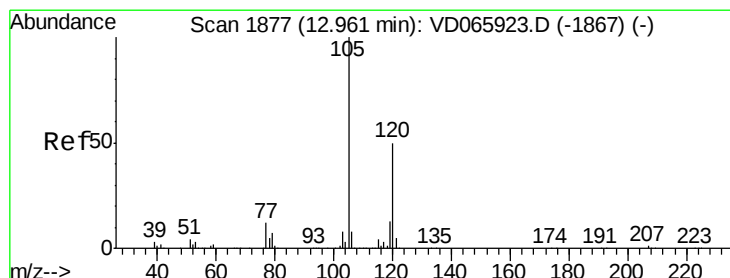
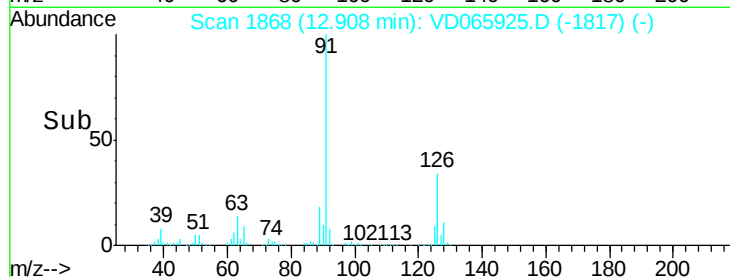
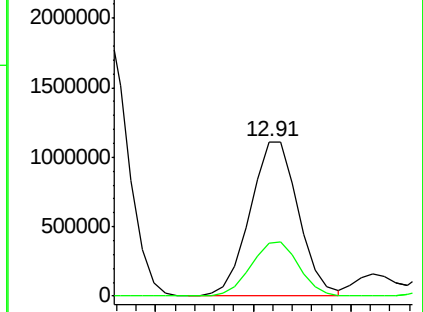
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Abundance Ion 91.00 (90.70 to 91.70): VD065923.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065923.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 144.788 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065925.D

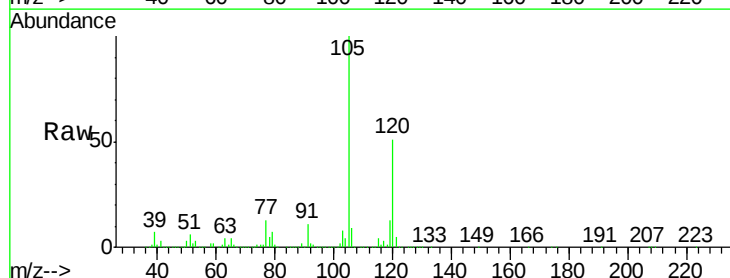
Acq: 07 Jul 2020 15:55

Tgt Ion:105 Resp: 2376899

Ion Ratio Lower Upper

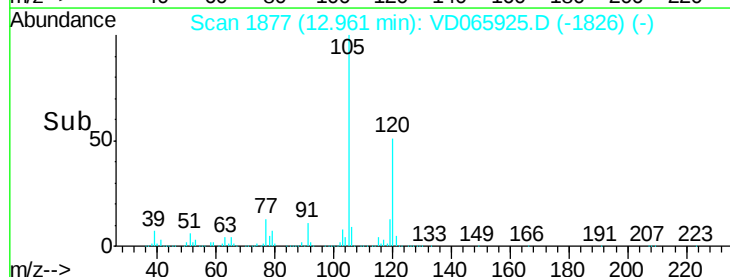
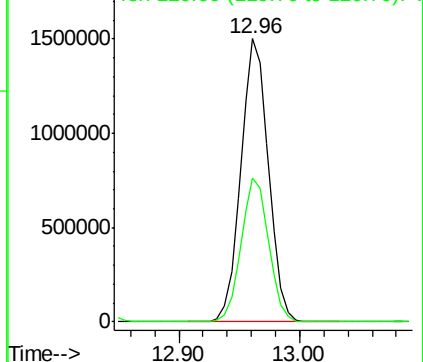
105 100

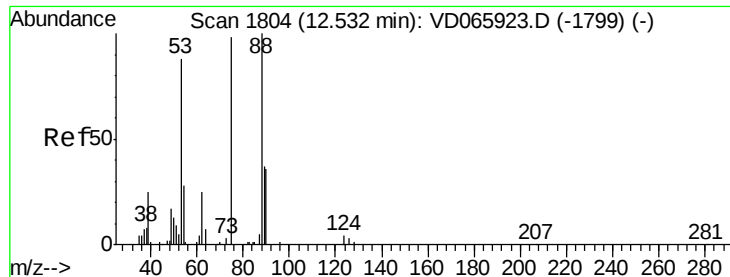
120 51.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VD065923.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD065923.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 149.016 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065925.D

Acq: 07 Jul 2020 15:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 167306

Ion Ratio Lower Upper

75 100

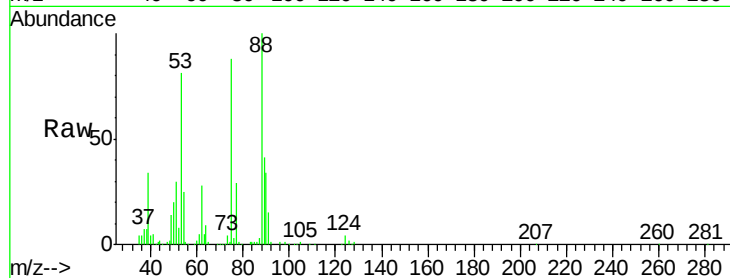
53 91.7 75.8 113.8

89 45.9 37.5 56.3

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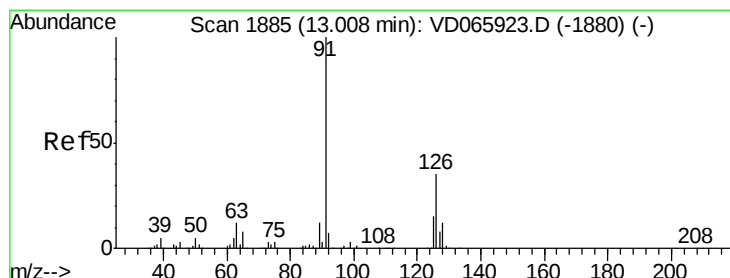
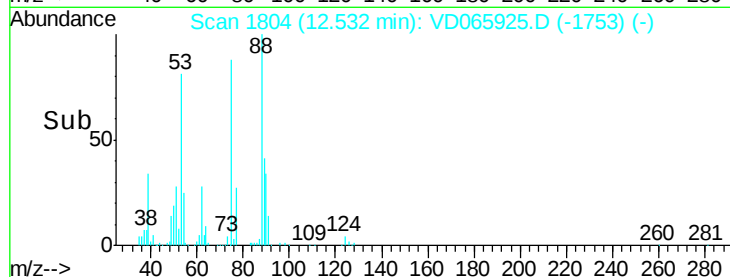
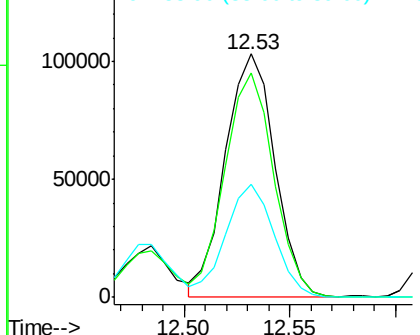
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Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 141.270 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065925.D

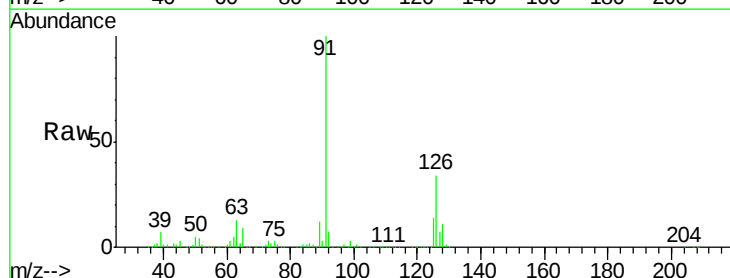
Acq: 07 Jul 2020 15:55

Tgt Ion: 91 Resp: 1978593

Ion Ratio Lower Upper

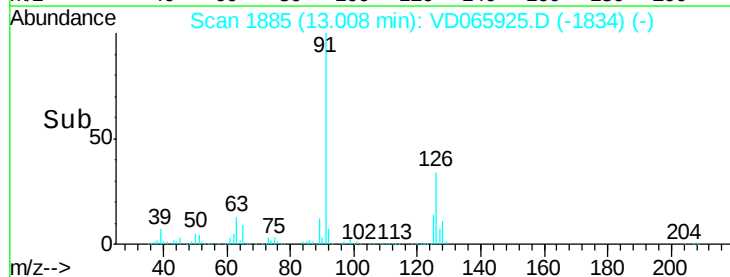
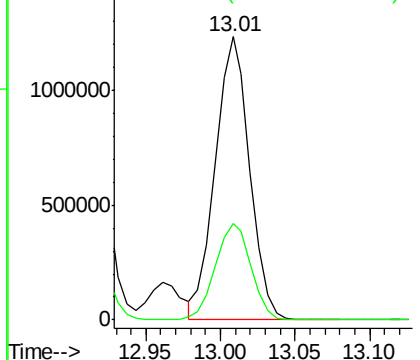
91 100

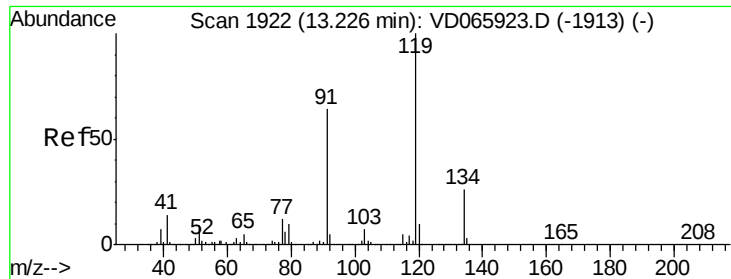
126 35.3 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





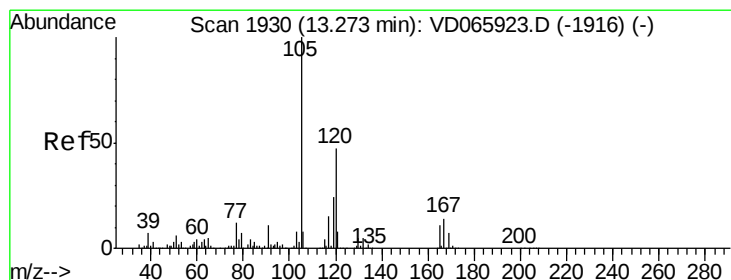
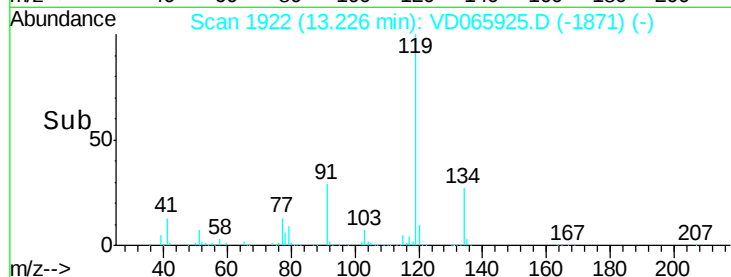
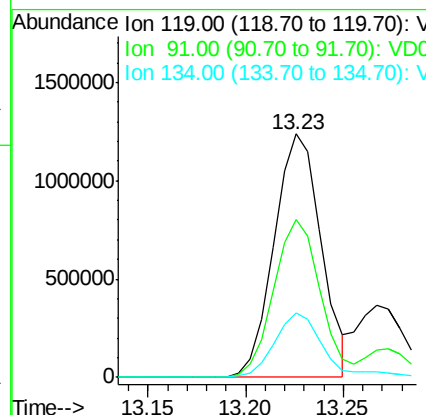
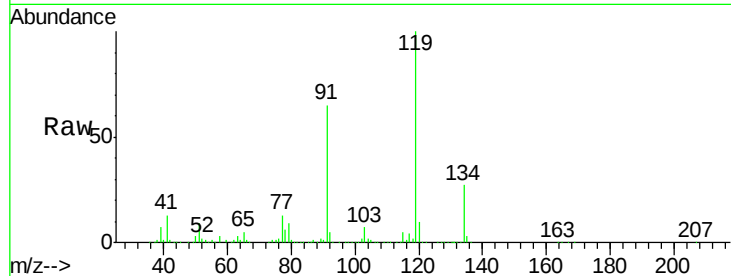
#83
tert-Butylbenzene
Concen: 147.687 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.4	97.2
134	27.7	14.1	42.4

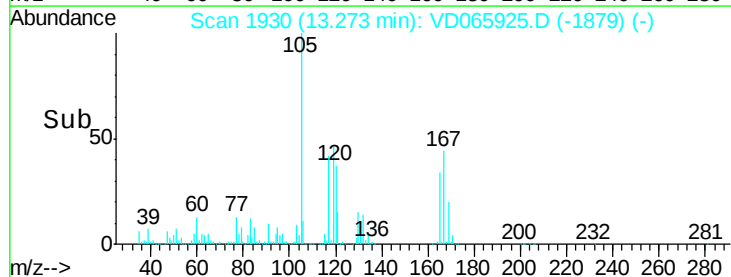
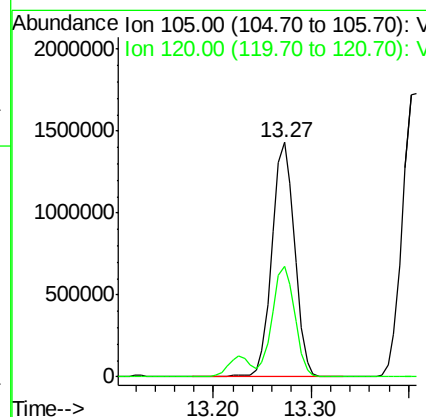
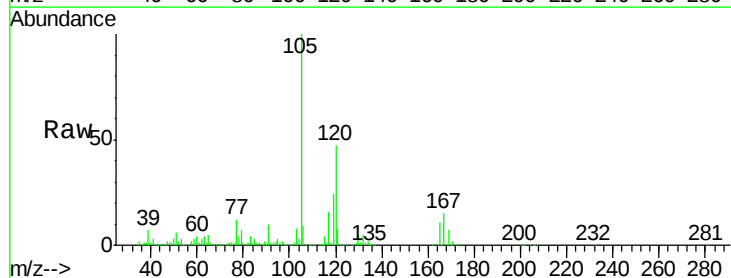
Manual Integrations
APPROVED

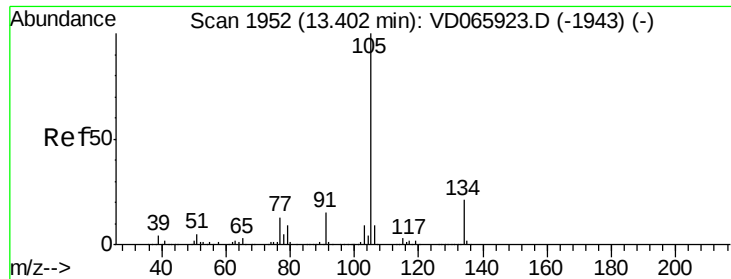
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 142.933 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.5





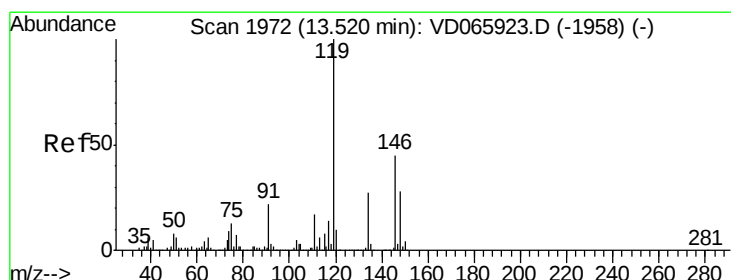
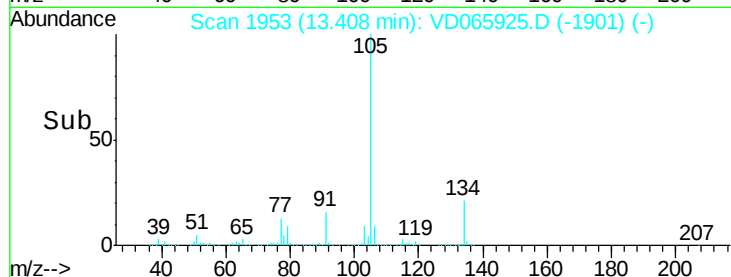
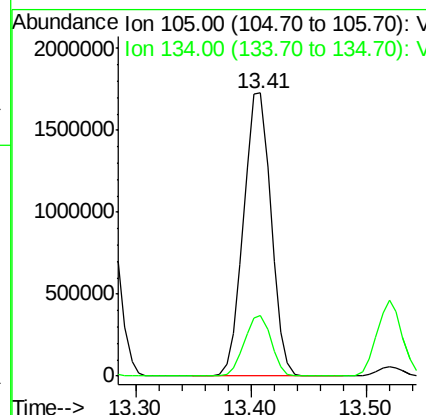
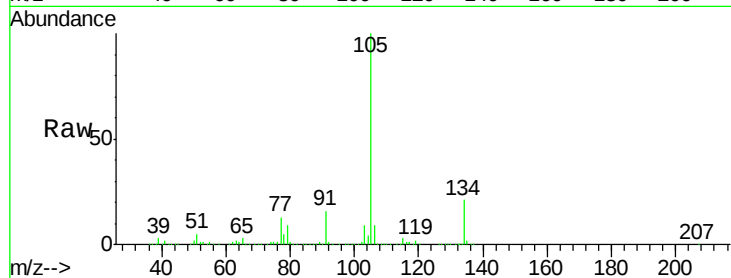
#85
 sec-Butylbenzene
 Concen: 144.193 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2858090
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

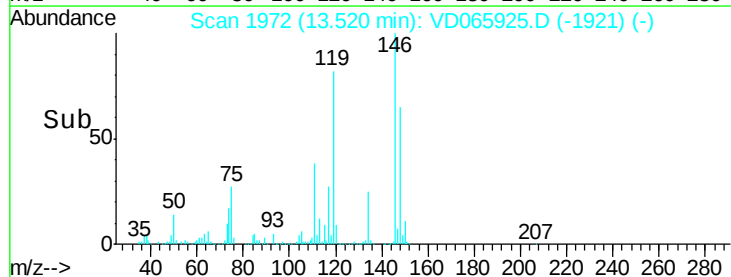
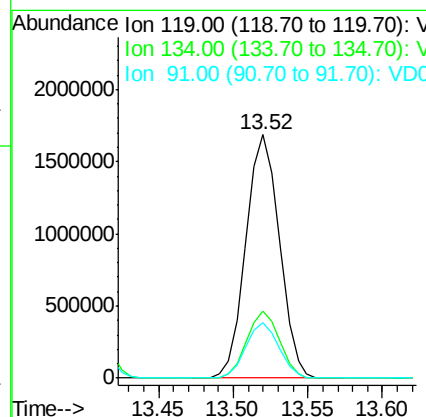
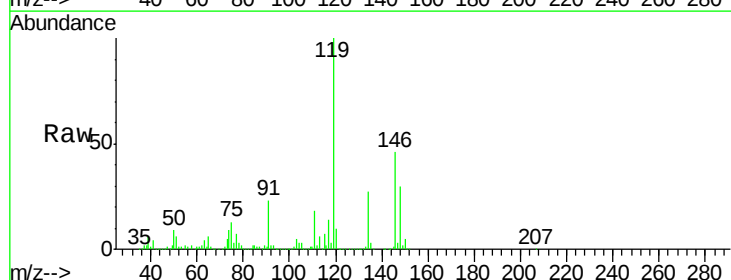
Manual Integrations
 APPROVED

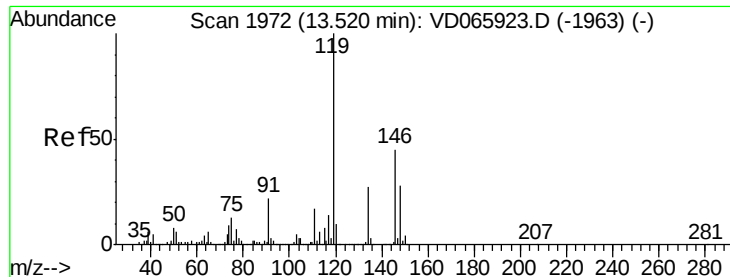
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#86
 p-Isopropyltoluene
 Concen: 144.644 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion:119 Resp: 2622331
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.4 11.3 33.8





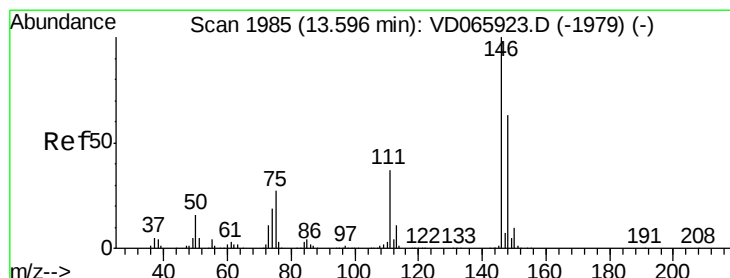
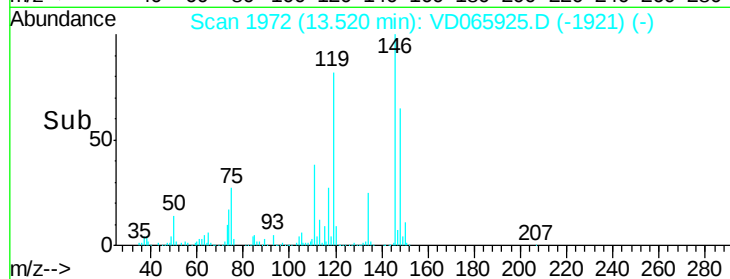
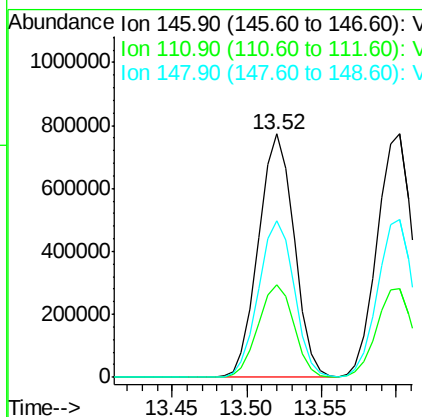
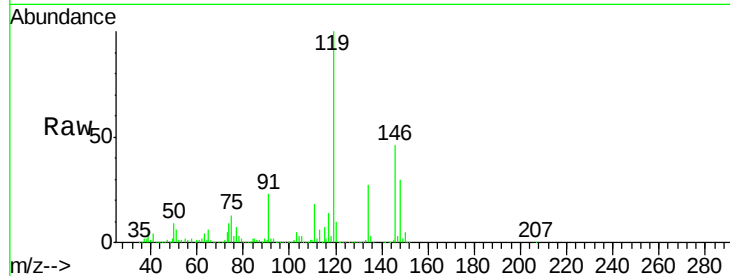
#87
1,3-Dichlorobenzene
Concen: 140.553 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.3	32.0	96.0

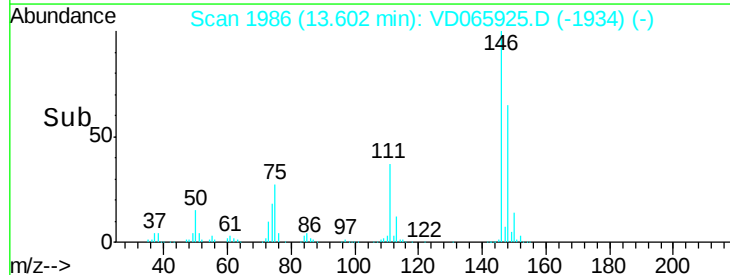
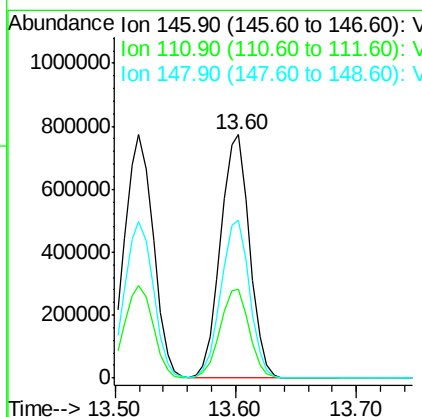
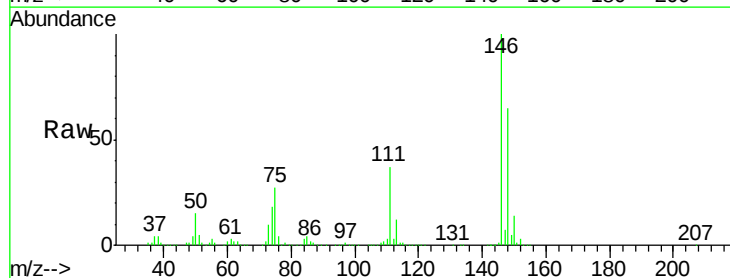
Manual Integrations
APPROVED

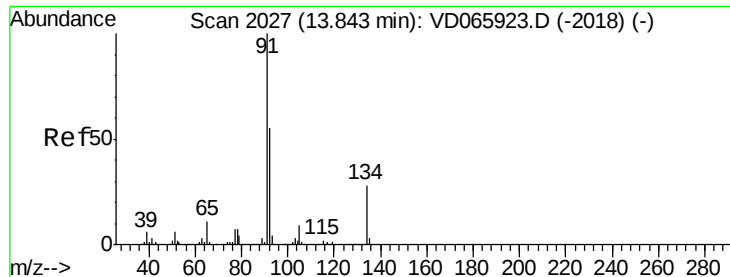
MMDadoda
7/8/2020 12:05:27 PM



#88
1,4-Dichlorobenzene
Concen: 141.637 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	64.2	32.1	96.3





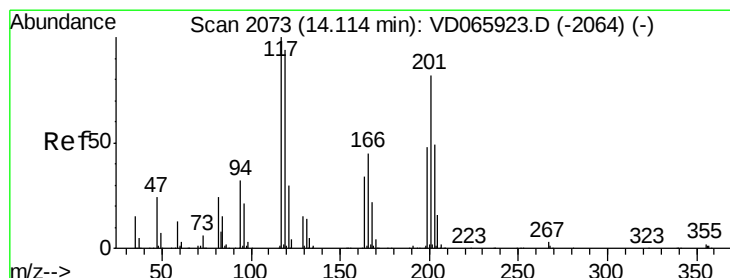
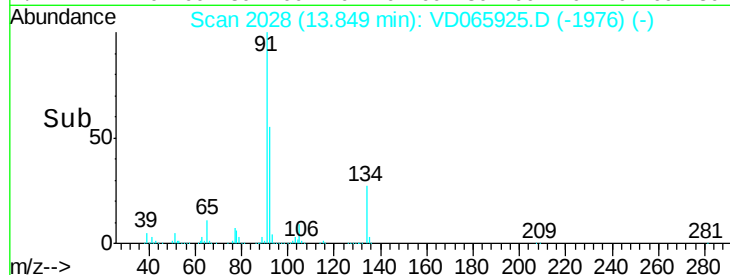
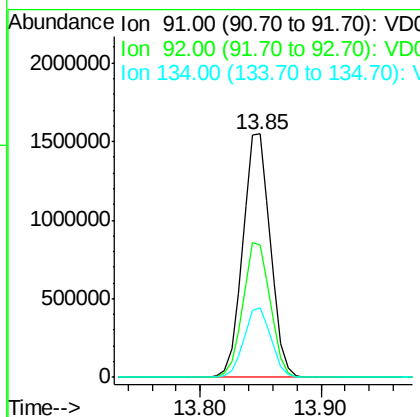
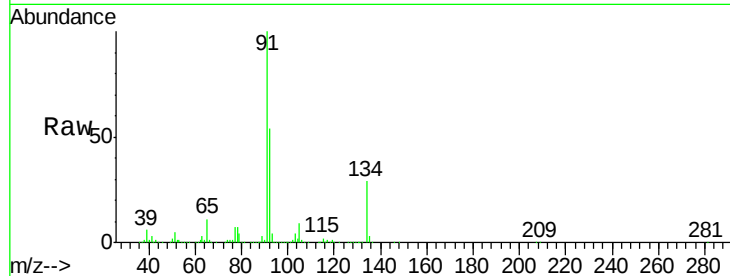
#89
n-Butylbenzene
Concen: 144.490 ug/l
RT: 13.85 min Scan# 2027
Delta R.T. 0.01 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2459927
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.6
134 28.1 13.8 41.3

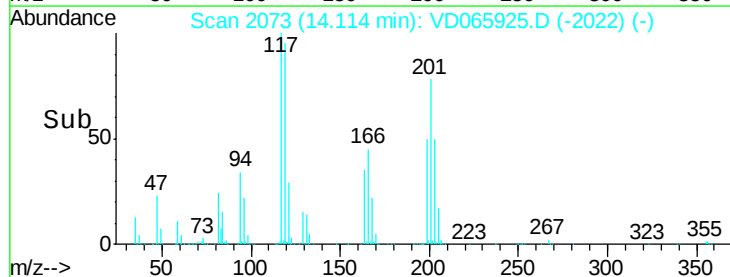
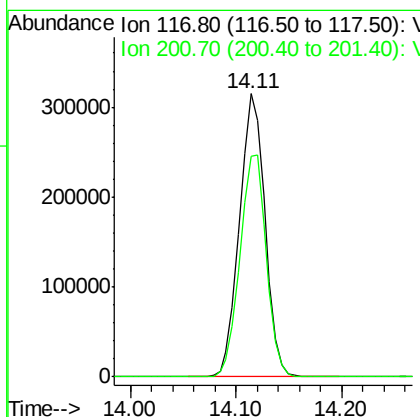
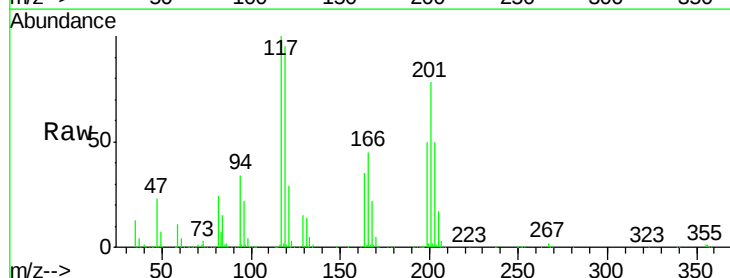
Manual Integrations
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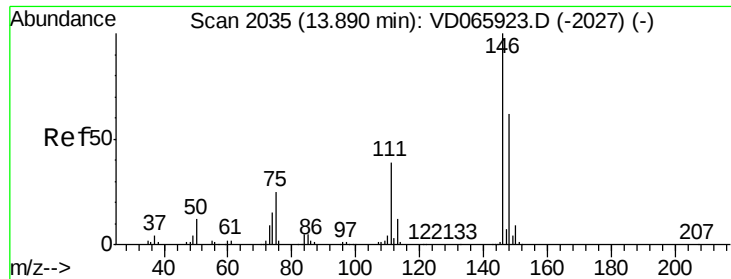
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#90
Hexachloroethane
Concen: 143.710 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion: 117 Resp: 525394
Ion Ratio Lower Upper
117 100
201 81.1 40.0 120.0





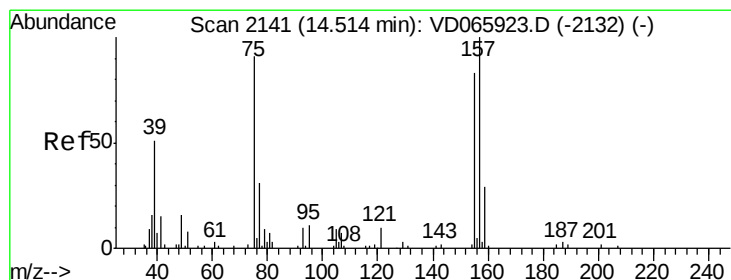
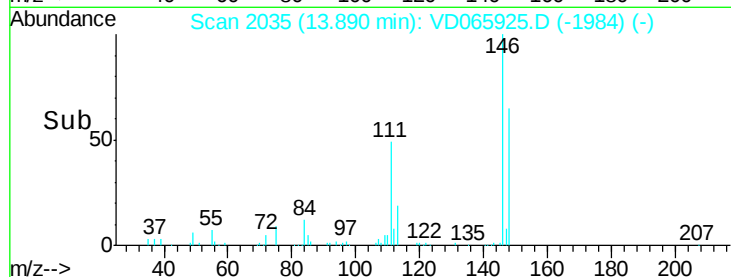
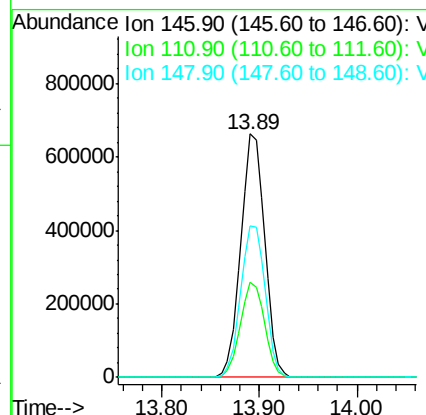
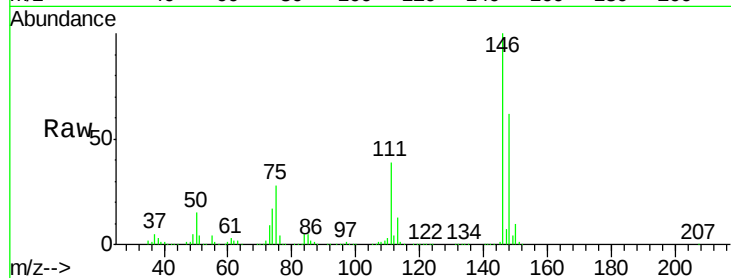
#91
 1,2-Dichlorobenzene
 Concen: 142.299 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.8	32.5	97.5

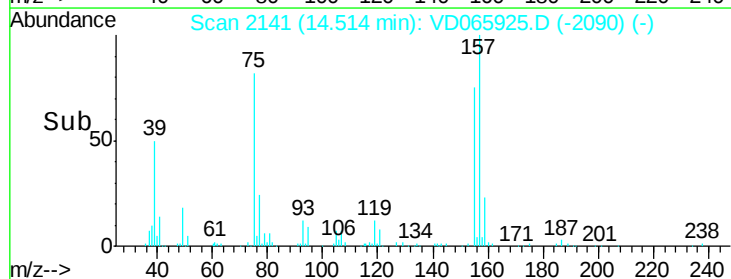
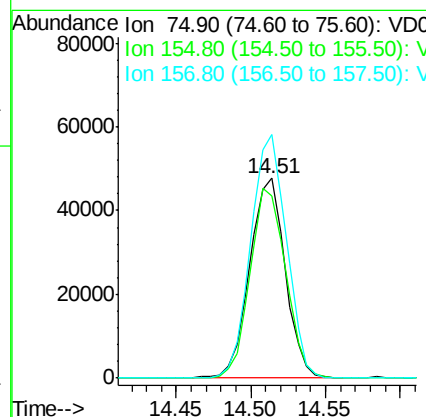
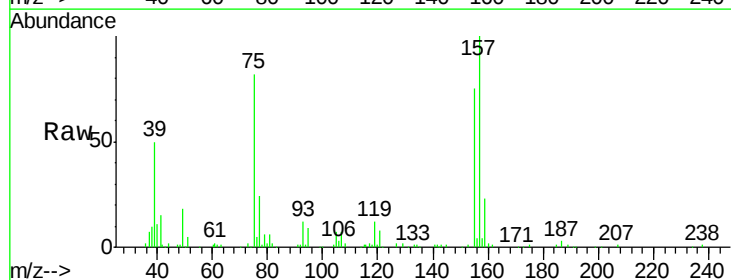
Manual Integrations
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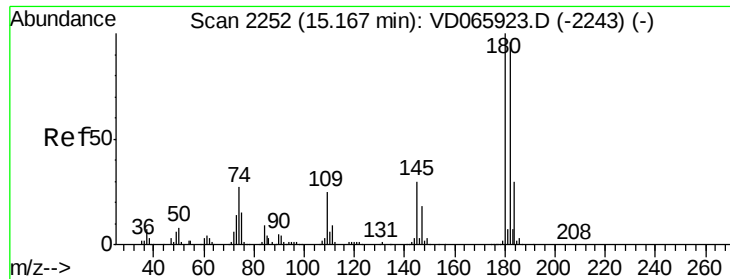
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.009 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	45.3	135.8
157	122.0	56.9	170.6





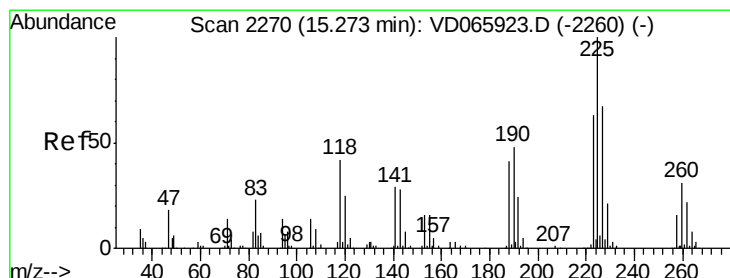
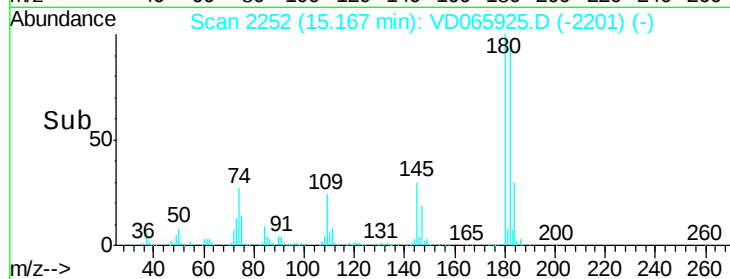
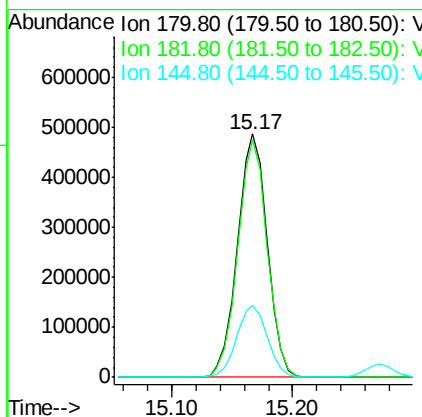
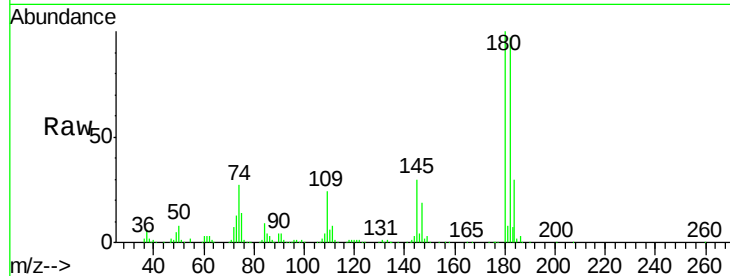
#93
 1,2,4-Trichlorobenzene
 Concen: 147.503 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	48.5	145.6	
145	30.4	15.0	45.1	

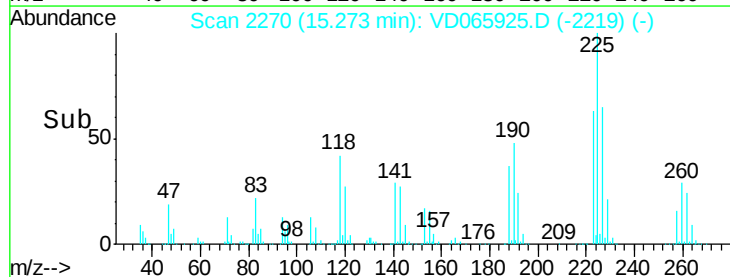
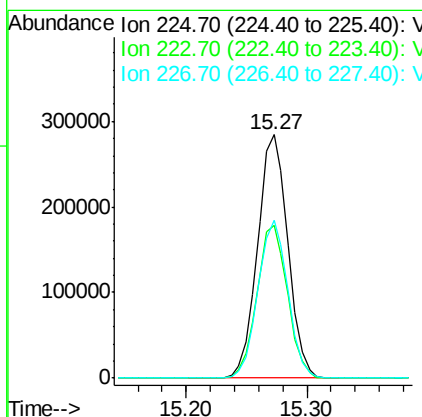
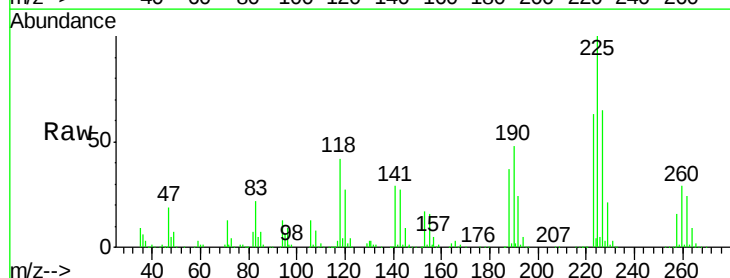
Manual Integrations
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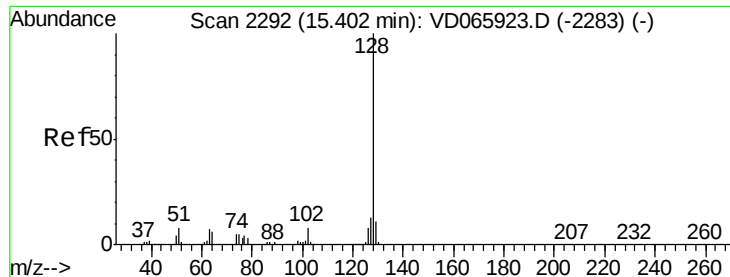
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#94
 Hexachlorobutadiene
 Concen: 144.800 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065925.D
 Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.1	93.2	
227	64.0	31.6	95.0	





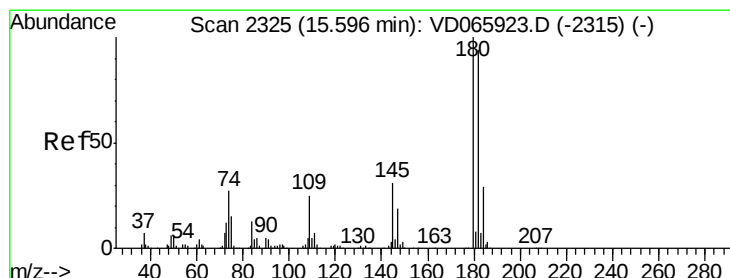
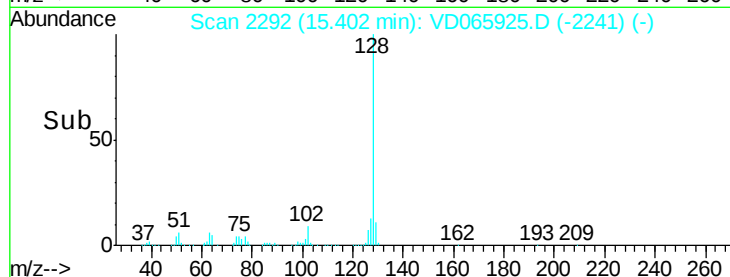
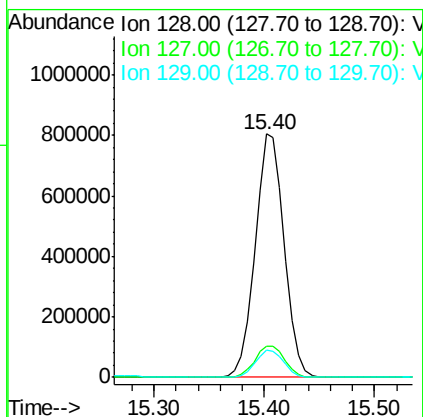
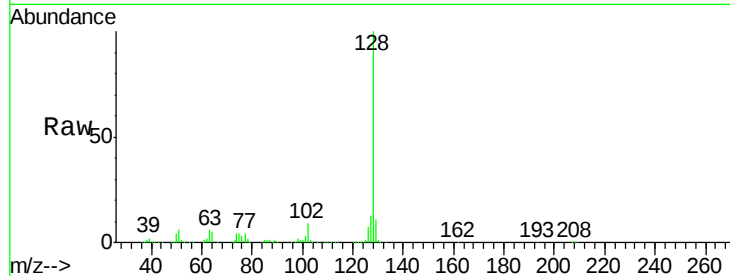
#95
Naphthalene
Concen: 155.020 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	11.1	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 146.414 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065925.D
Acq: 07 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	32.2	16.1	48.2

