

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066990.D
 Acq On : 01 Oct 2020 13:41
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:25 PM

Quant Time: Oct 01 15:09:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:02:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	777328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	695047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328176	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	664194	139.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.64%	
35) Dibromofluoromethane	7.91	113	717090	140.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.82%	
50) Toluene-d8	10.34	98	2601513	140.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.58%	
62) 4-Bromofluorobenzene	12.63	95	891594	141.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	558173	124.646	ug/l	97
3) Chloromethane	2.21	50	536670	136.641	ug/l	97
4) Vinyl Chloride	2.35	62	526673	133.735	ug/l	99
5) Bromomethane	2.74	94	359162	125.124	ug/l	97
6) Chloroethane	2.91	64	308936	128.813	ug/l	96
7) Trichlorofluoromethane	3.27	101	1127078	128.814	ug/l	94
8) Diethyl Ether	3.71	74	323541	149.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	650582	131.551	ug/l	100
10) Methyl Iodide	4.30	142	771061	160.461	ug/l	98
11) Tert butyl alcohol	5.23	59	188651	466.532	ug/l	98
12) 1,1-Dichloroethene	4.07	96	629770	135.462	ug/l	99
13) Acrolein	3.92	56	224767	706.641	ug/l	99
14) Allyl chloride	4.71	41	889676	147.308	ug/l	98
15) Acrylonitrile	5.42	53	593971	743.804	ug/l	96
16) Acetone	4.16	43	498208	687.056	ug/l	100
17) Carbon Disulfide	4.41	76	1962521	137.550	ug/l	100
18) Methyl Acetate	4.71	43	268173	147.145	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	1291965	152.229	ug/l	97
20) Methylene Chloride	4.97	84	704754	106.618	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	721082	136.289	ug/l	99
22) Diisopropyl ether	6.36	45	1529968	138.759	ug/l	98
23) Vinyl Acetate	6.30	43	4842027	774.963	ug/l	99
24) 1,1-Dichloroethane	6.27	63	1159828	136.300	ug/l	98
25) 2-Butanone	7.21	43	712764	693.301	ug/l	93
26) 2,2-Dichloropropane	7.21	77	1028216	125.939	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	778202	137.720	ug/l	100
28) Bromochloromethane	7.54	49	458370	139.483	ug/l	98
29) Tetrahydrofuran	7.56	42	436257	738.001	ug/l	97
30) Chloroform	7.71	83	1244115	134.778	ug/l	98
31) Cyclohexane	7.98	56	908819	127.393	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	1146712	134.043	ug/l	98
36) 1,1-Dichloropropene	8.11	75	957913	132.207	ug/l	99
37) Ethyl Acetate	7.29	43	347827	138.573	ug/l	98
38) Carbon Tetrachloride	8.10	117	1050451	133.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	1096655	143.160	ug/l	99
40) Benzene	8.35	78	2649728	131.664	ug/l	99
41) Methacrylonitrile	7.53	41	211231	155.770	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	758995	134.967	ug/l	99
43) Isopropyl Acetate	8.45	43	682751	147.651	ug/l	99
44) Trichloroethene	9.11	130	813083	135.300	ug/l	98
45) 1,2-Dichloropropane	9.38	63	650967	137.666	ug/l	95
46) Dibromomethane	9.47	93	368547	135.607	ug/l	96
47) Bromodichloromethane	9.66	83	962449	136.234	ug/l	97
48) Methyl methacrylate	9.45	41	361356	152.537	ug/l	95
49) 1,4-Dioxane	9.46	88	78147	2755.072	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	1633545	709.238	ug/l	100
52) Toluene	10.40	92	1750176	135.003	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	903999	143.175	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	1079023	139.951	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	505946	133.901	ug/l	96
56) Ethyl methacrylate	10.66	69	616498	158.033	ug/l	96
57) 1,3-Dichloropropane	10.94	76	855695	139.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1620800	746.472	ug/l	98
59) 2-Hexanone	10.98	43	1117596	726.996	ug/l	97
60) Dibromochloromethane	11.14	129	695457	138.094	ug/l	97
61) 1,2-Dibromoethane	11.24	107	506338	139.483	ug/l	97
64) Tetrachloroethene	10.87	164	665297	131.664	ug/l	98
65) Chlorobenzene	11.67	112	1858177	134.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	714932	135.963	ug/l	99
67) Ethyl Benzene	11.74	91	3326334	140.438	ug/l	99
68) m/p-Xylenes	11.85	106	2574951	278.960	ug/l	100
69) o-Xylene	12.18	106	1191056	144.293	ug/l	97
70) Styrene	12.20	104	2054728	144.964	ug/l	99
71) Bromoform	12.36	173	384933	141.027	ug/l #	99
73) Isopropylbenzene	12.48	105	3253382	145.999	ug/l	100
74) N-amyl acetate	12.29	43	599305	149.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	519485	138.364	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	418142m	149.483	ug/l	
77) Bromobenzene	12.76	156	753711	140.078	ug/l	99
78) n-propylbenzene	12.82	91	3738201	141.946	ug/l	99
79) 2-Chlorotoluene	12.91	91	2130868	141.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	2725716	144.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	169177	147.552	ug/l	97
82) 4-Chlorotoluene	13.01	91	2215140	138.177	ug/l	99
83) tert-Butylbenzene	13.23	119	2325810	146.700	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	2709653	144.217	ug/l	99
85) sec-Butylbenzene	13.40	105	3210317	143.788	ug/l	99
86) p-Isopropyltoluene	13.52	119	3025384	146.159	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	1438383	137.243	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1427754	136.243	ug/l	99
89) n-Butylbenzene	13.85	91	2757543	145.767	ug/l	100
90) Hexachloroethane	14.11	117	523563	144.398	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	1264784	138.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	88057	145.497	ug/l	95

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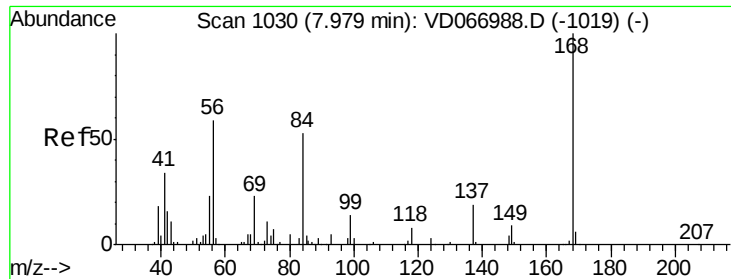
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	903541	152.612	ug/l	99
94) Hexachlorobutadiene	15.27	225	517658	142.370	ug/l	99
95) Naphthalene	15.41	128	1692898	171.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	789837	153.678	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 493180

Ion Ratio Lower Upper

168 100

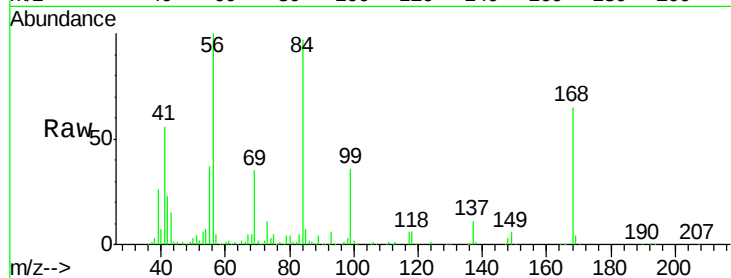
99 54.2 44.1 66.1

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

200000

100000

0

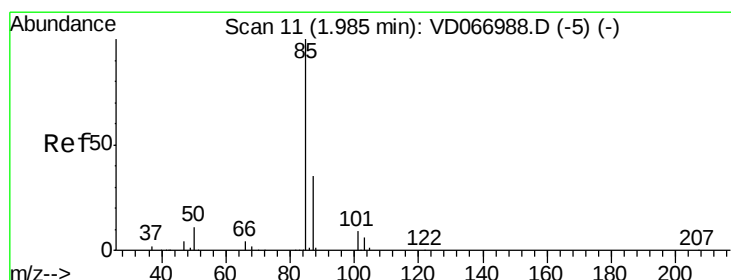
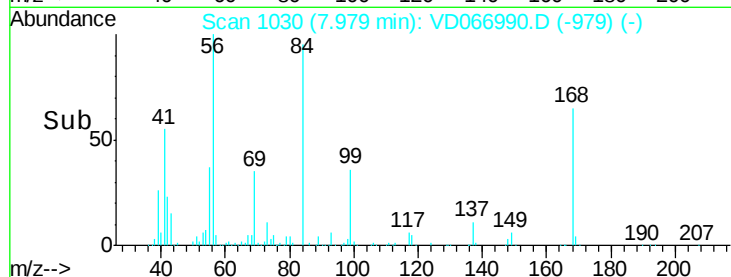
7.90

7.98

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 124.646 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066990.D

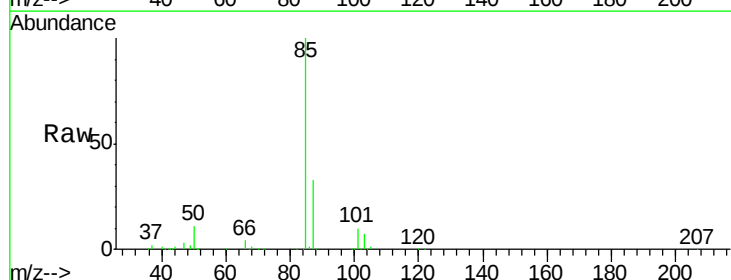
Acq: 01 Oct 2020 13:41

Tgt Ion: 85 Resp: 558173

Ion Ratio Lower Upper

85 100

87 32.8 17.3 52.0



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

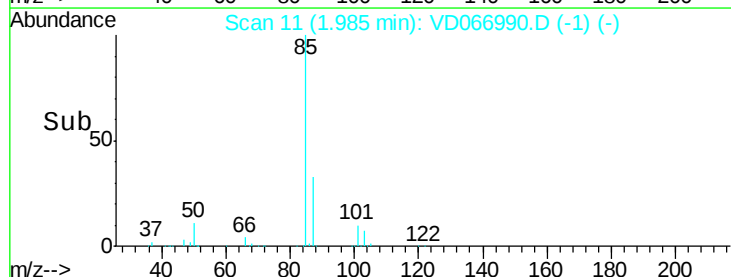
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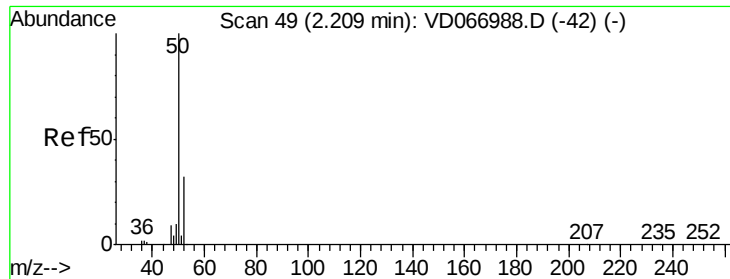
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 136.641 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 536670

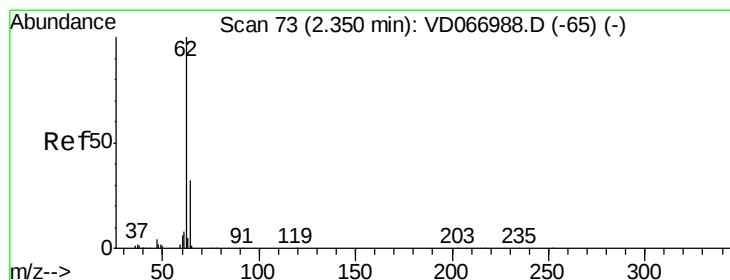
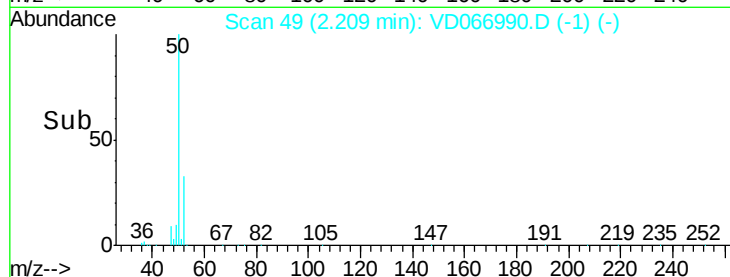
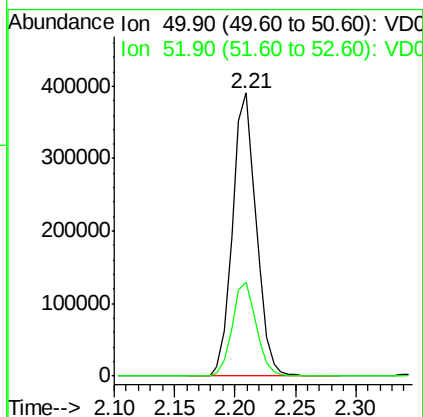
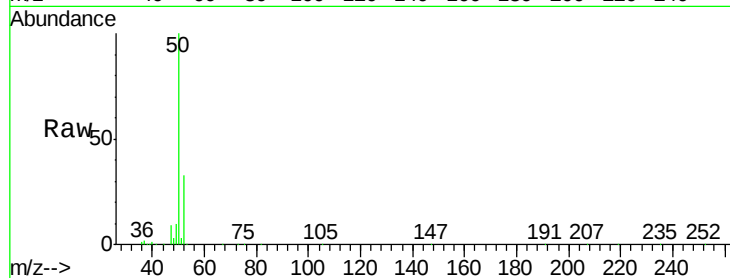
Ion Ratio Lower Upper

50 100

52 33.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 133.735 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066990.D

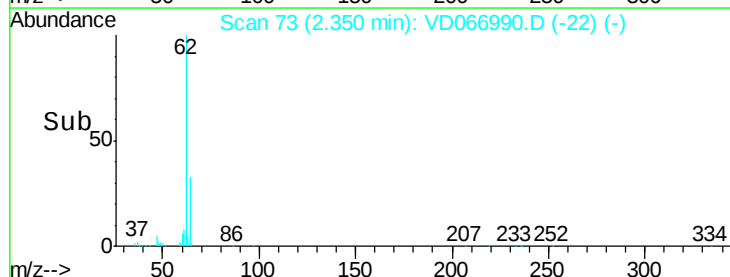
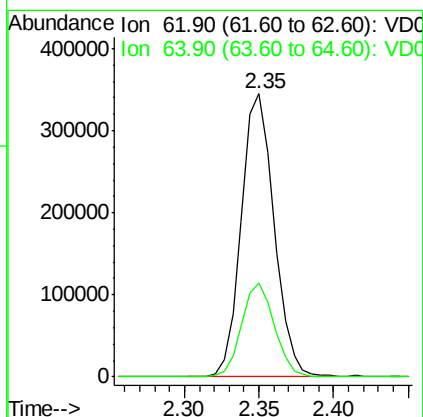
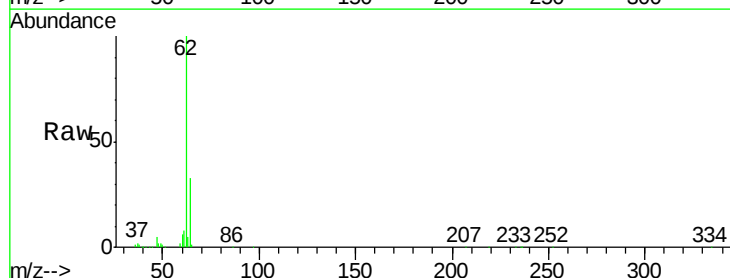
Acq: 01 Oct 2020 13:41

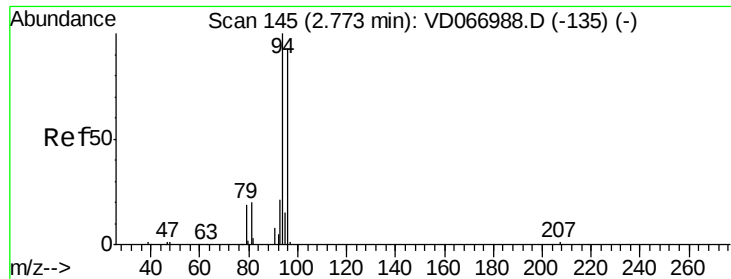
Tgt Ion: 62 Resp: 526673

Ion Ratio Lower Upper

62 100

64 33.0 25.8 38.8





#5

Bromomethane

Concen: 125.124 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 359162

Ion Ratio Lower Upper

94 100

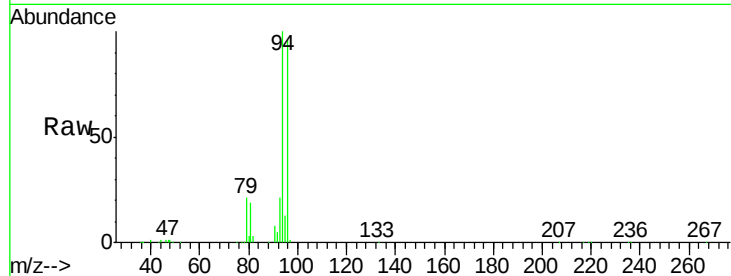
96 95.9 74.6 112.0

Manual Integrations

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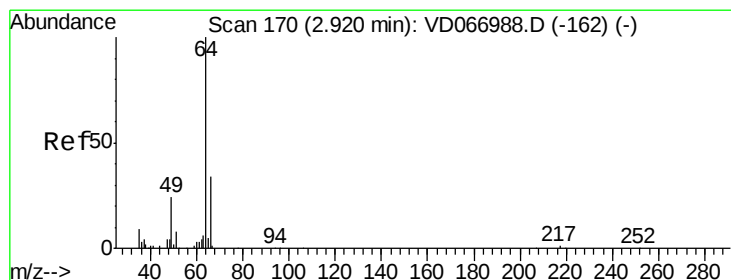
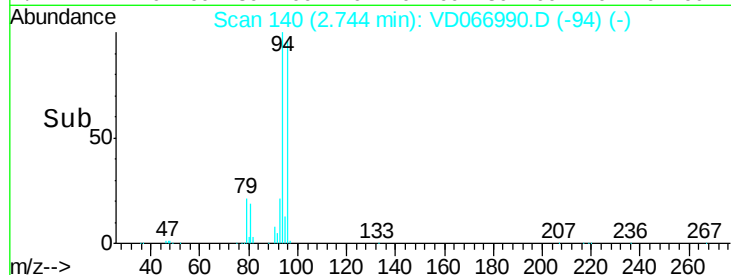
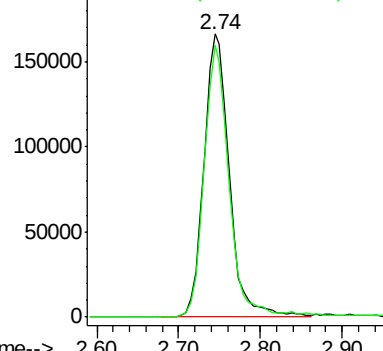
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 128.813 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066990.D

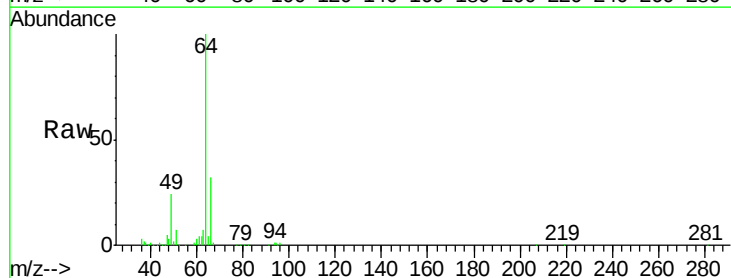
Acq: 01 Oct 2020 13:41

Tgt Ion: 64 Resp: 308936

Ion Ratio Lower Upper

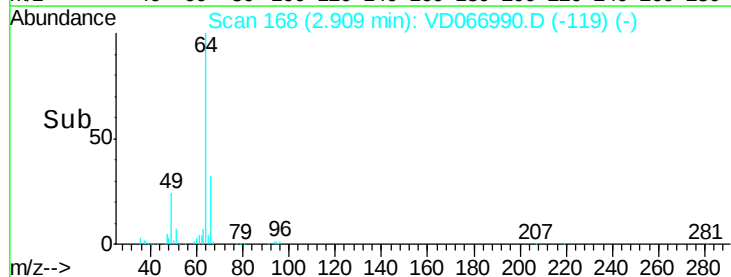
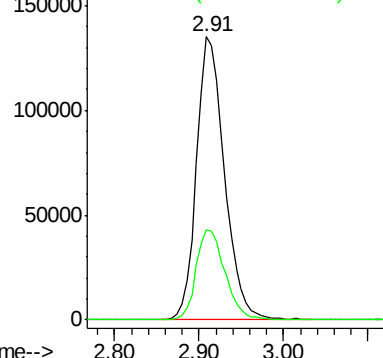
64 100

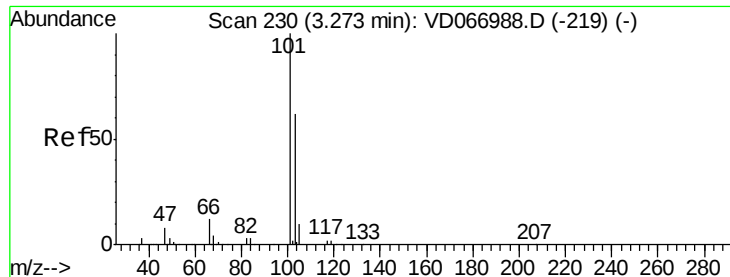
66 31.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

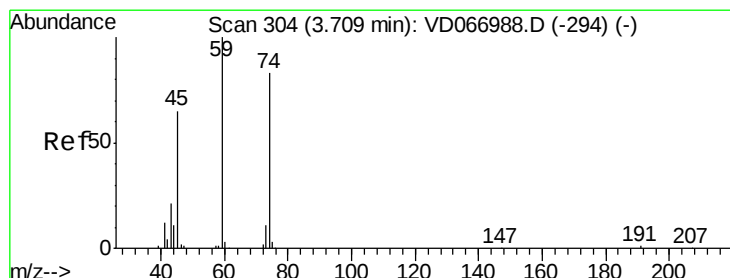
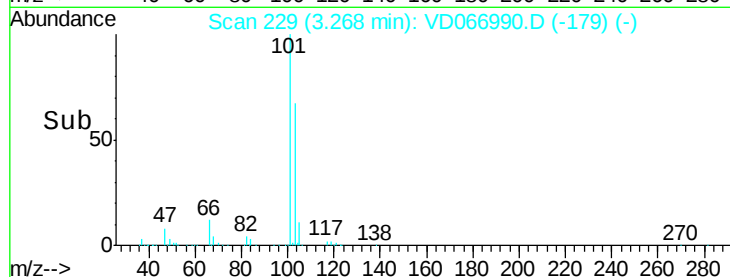
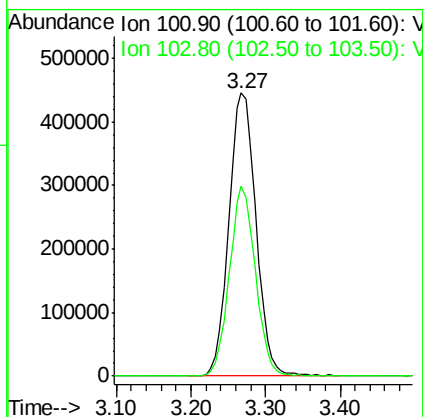
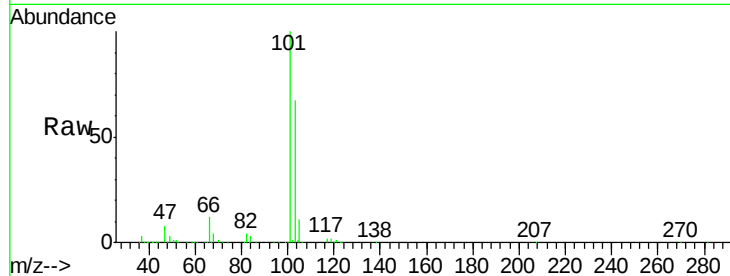
Trichlorofluoromethane
Concen: 128.814 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

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VSTDIC150

Tot Ion:101 Resp: 1127078
Ion Ratio Lower Upper
101 100
103 67.1 49.8 74.8

Manual Integrations
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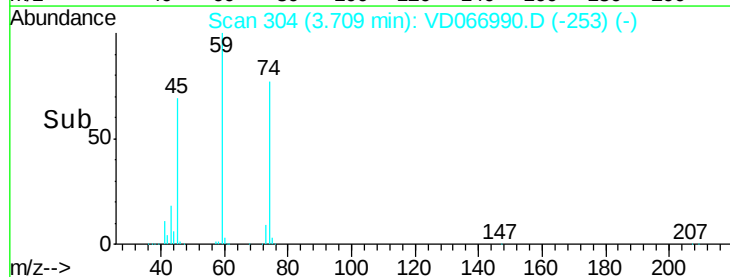
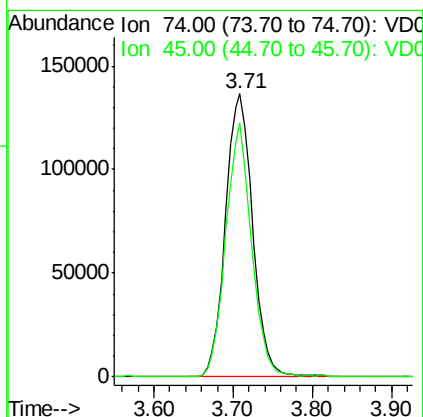
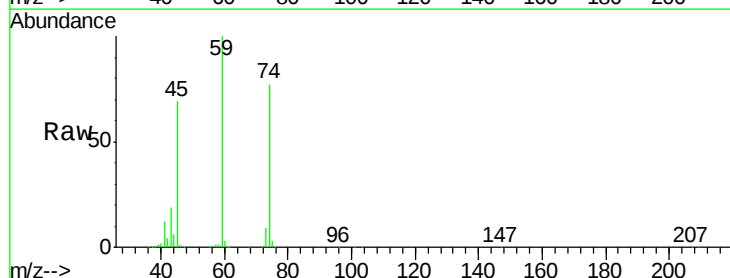
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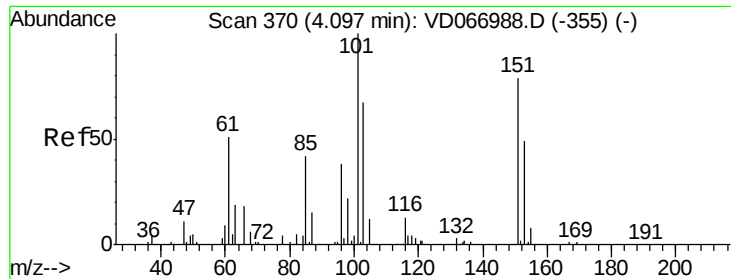


#8

Diethyl Ether
Concen: 149.116 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 74 Resp: 323541
Ion Ratio Lower Upper
74 100
45 85.4 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.551 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066990.D

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MSVOA_D

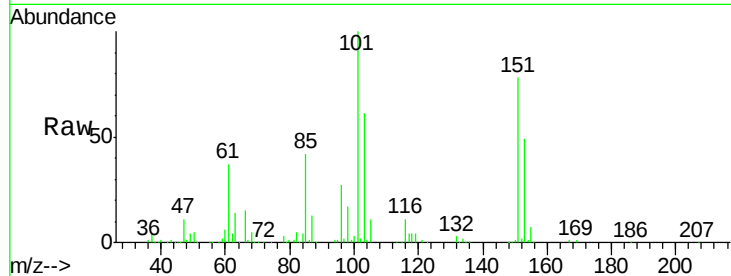
ClientSampleId :

VSTDIC150

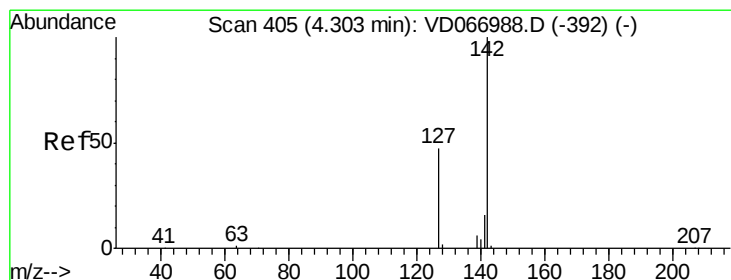
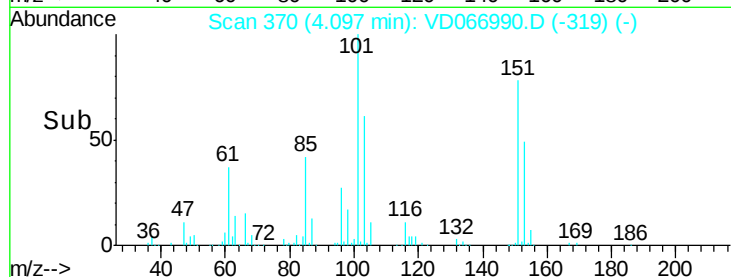
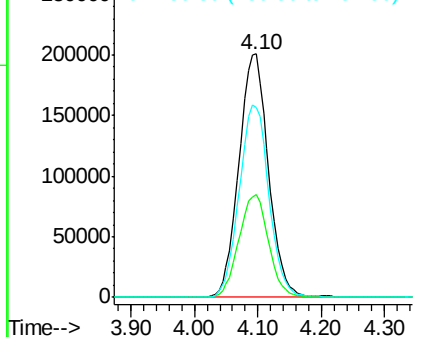
Tot Ion:	101	Resp:	650582
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.8
151	79.5	63.8	95.8

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



#10

Methyl Iodide

Concen: 160.461 ug/l

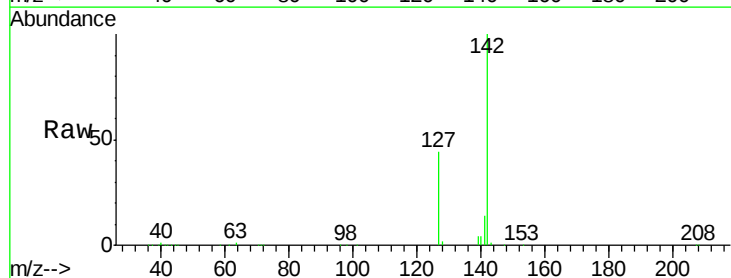
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

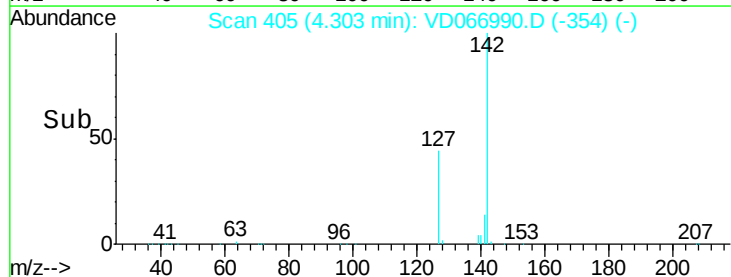
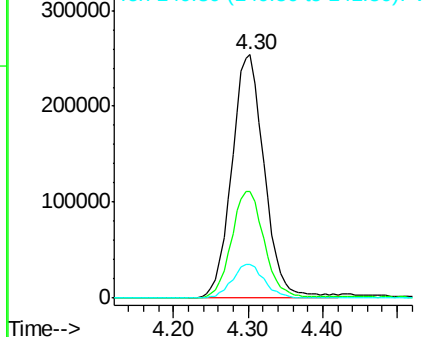
Lab File: VD066990.D

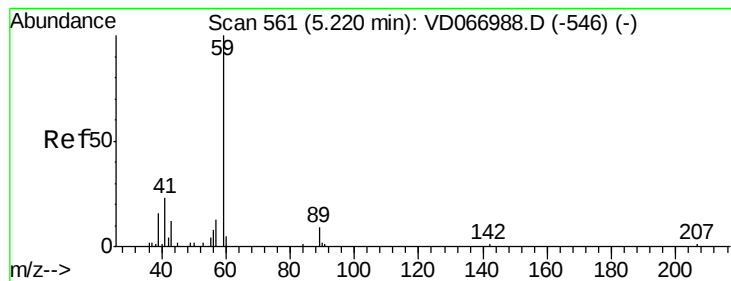
Acq: 01 Oct 2020 13:41

Tgt Ion:	142	Resp:	771061
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.3	54.5
141	13.7	12.0	18.0



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





#11

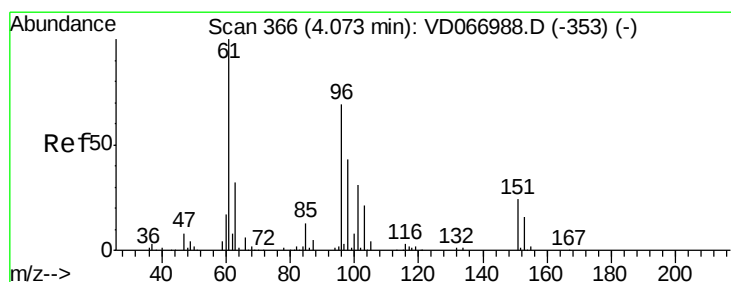
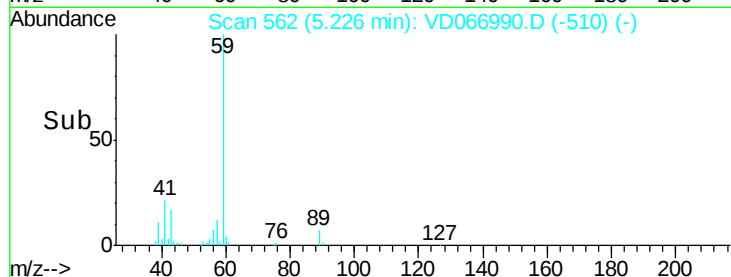
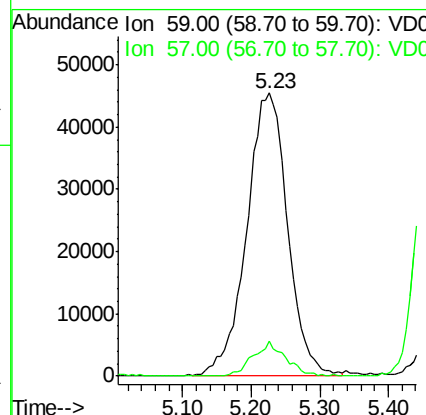
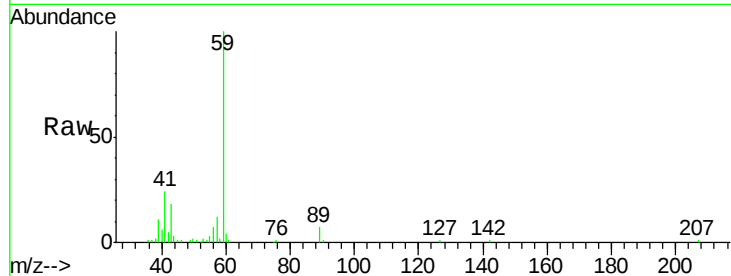
Tert butyl alcohol
 Concen: 466.532 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	188651		
57	9.6		8.2	12.4

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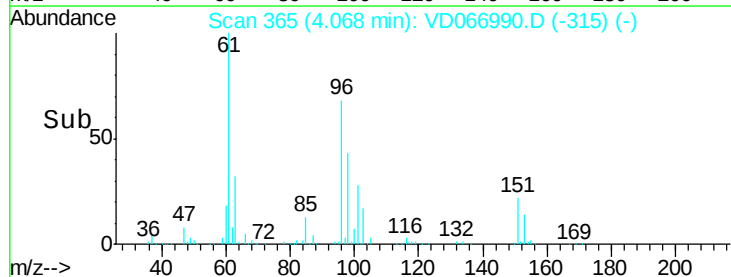
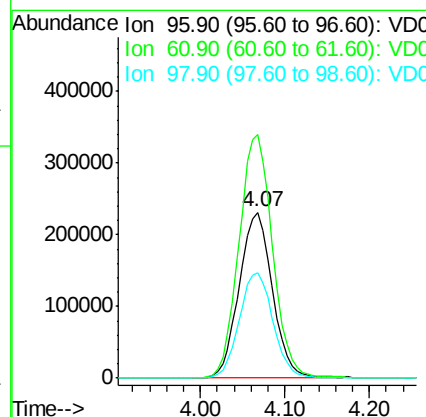
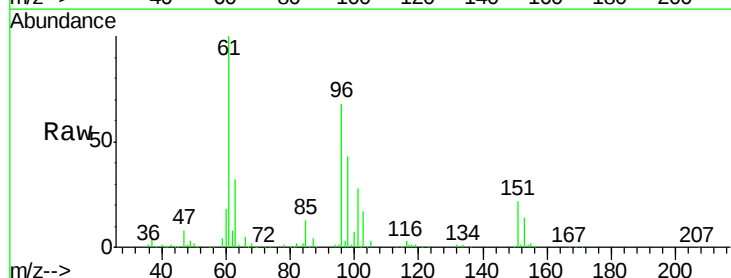
MMDadoda
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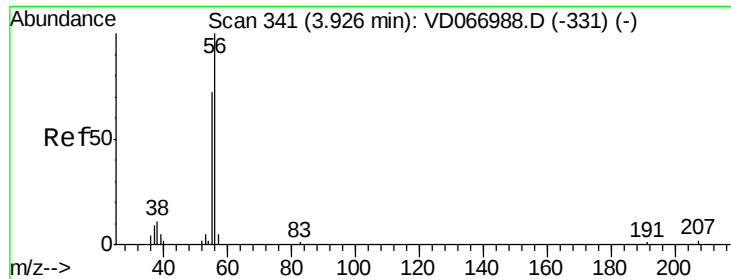


#12

1,1-Dichloroethene
 Concen: 135.462 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	629770		
61	146.6		116.4	174.6
98	63.5		49.9	74.9





#13

Acrolein

Concen: 706.641 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 224767

Ion Ratio Lower Upper

56 100

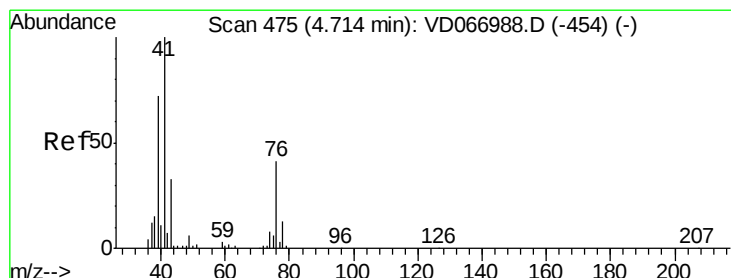
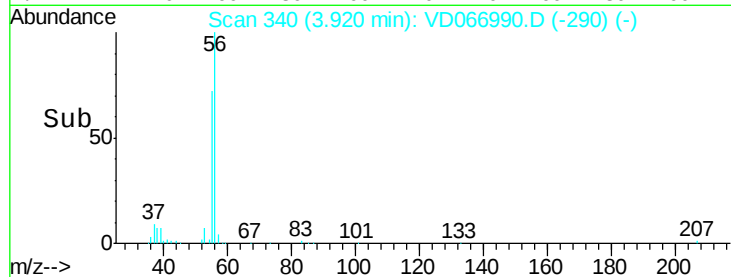
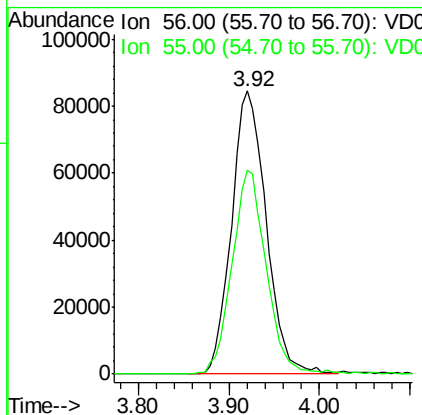
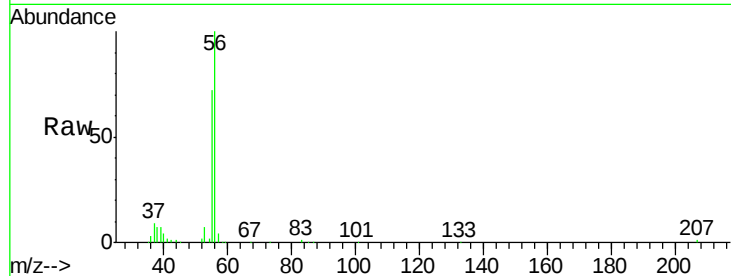
55 70.4 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 147.308 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

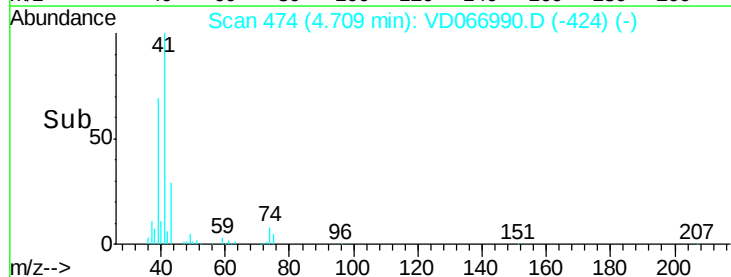
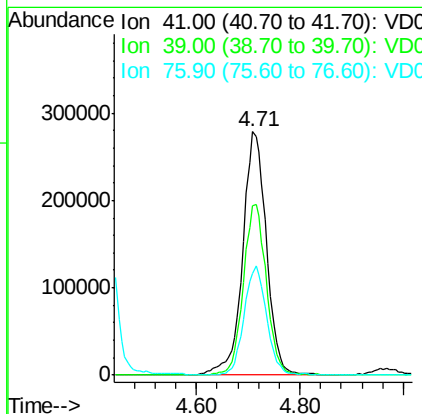
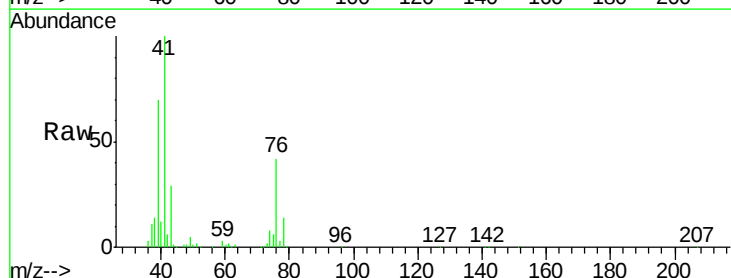
Tgt Ion: 41 Resp: 889676

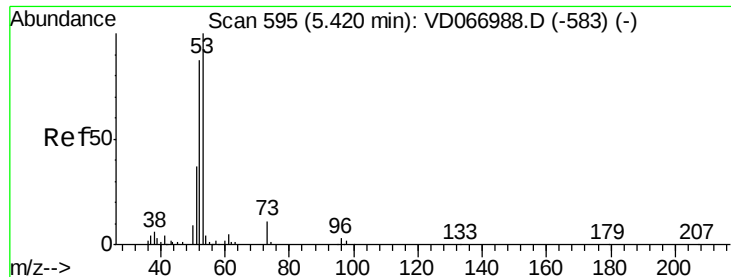
Ion Ratio Lower Upper

41 100

39 68.3 56.2 84.2

76 41.8 34.2 51.2





#15

Acrylonitrile

Concen: 743.804 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

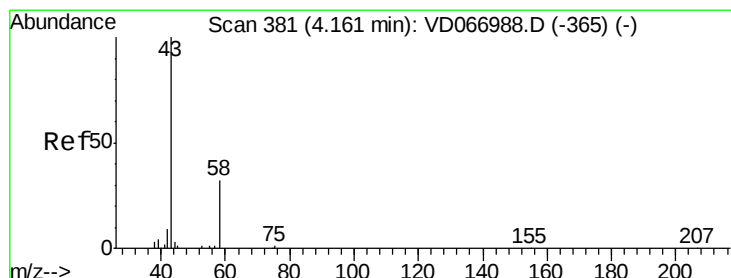
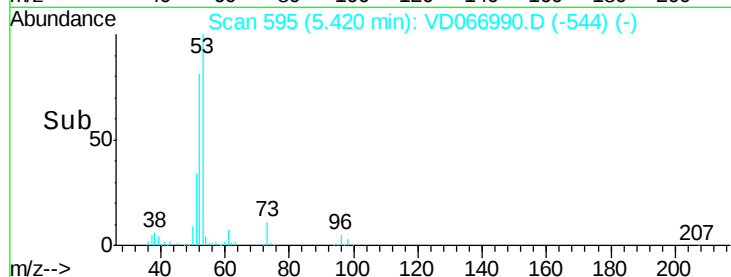
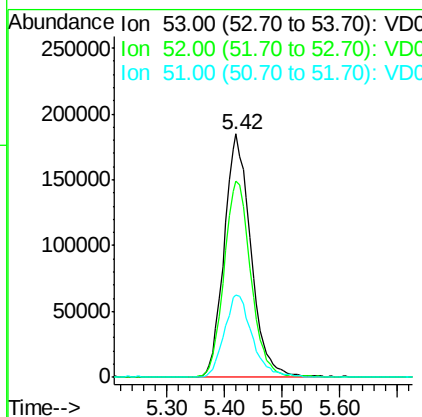
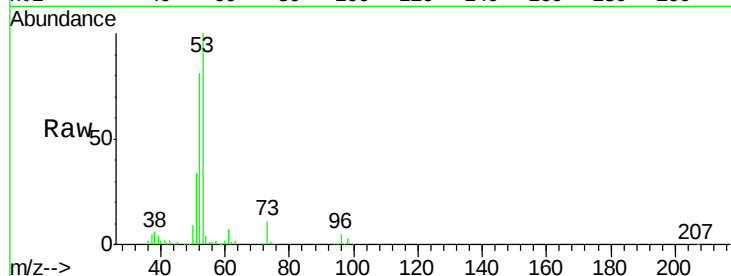
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	593971
Ion Ratio	Lower	Upper	
53	100		
52	80.8	67.3	100.9
51	35.6	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 687.056 ug/l

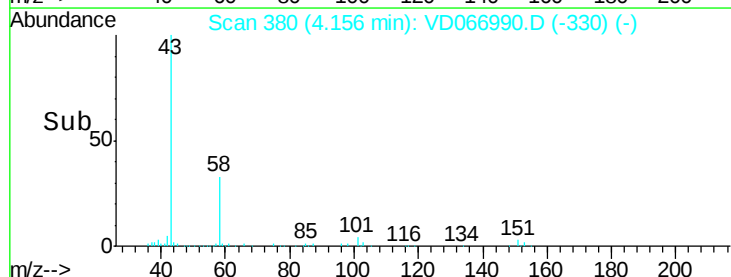
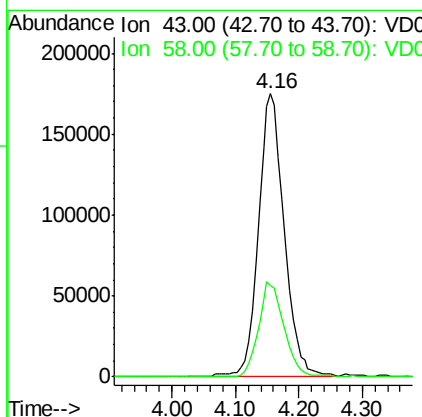
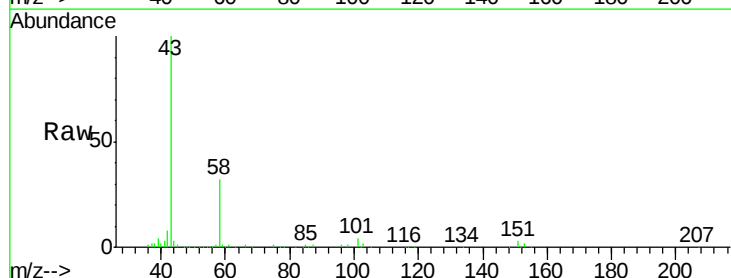
RT: 4.16 min Scan# 380

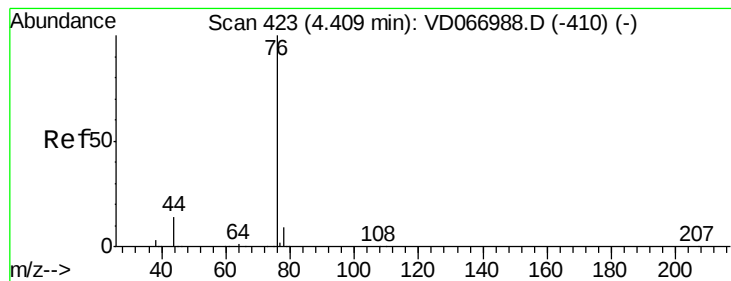
Delta R.T. -0.01 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion:	43	Resp:	498208
Ion Ratio	Lower	Upper	
43	100		
58	32.3	25.9	38.9





#17

Carbon Disulfide

Concen: 137.550 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1962521

Ion Ratio Lower Upper

76 100

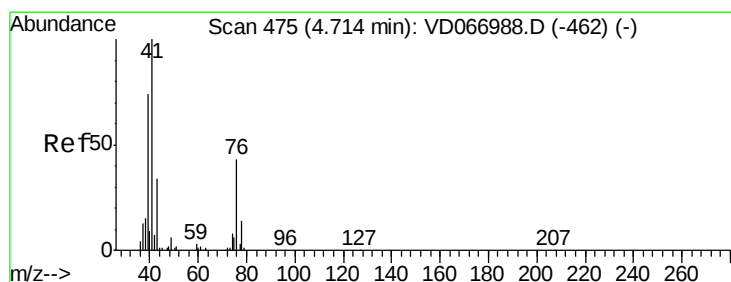
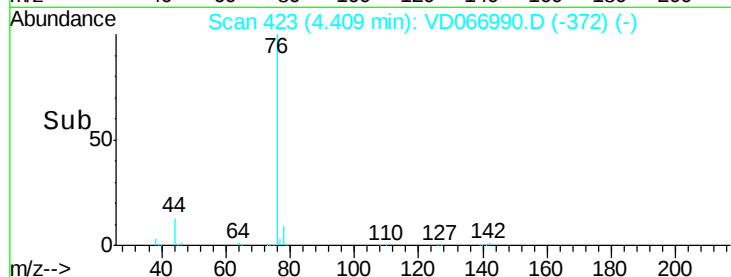
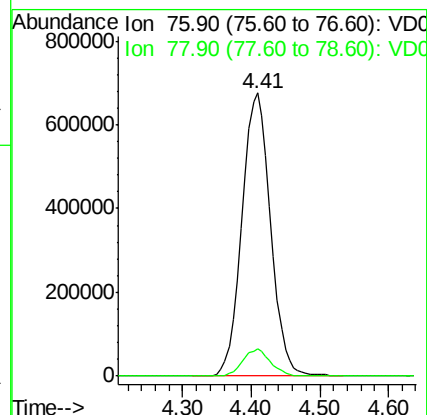
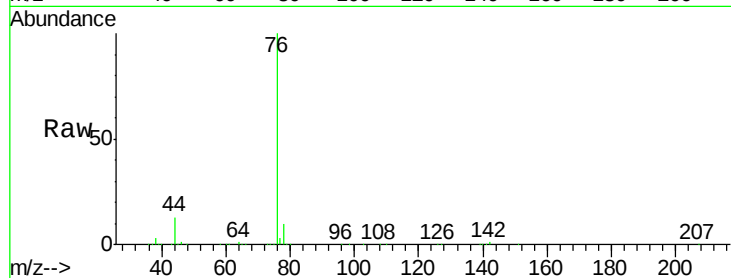
78 9.6 7.5 11.3

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#18

Methyl Acetate

Concen: 147.145 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066990.D

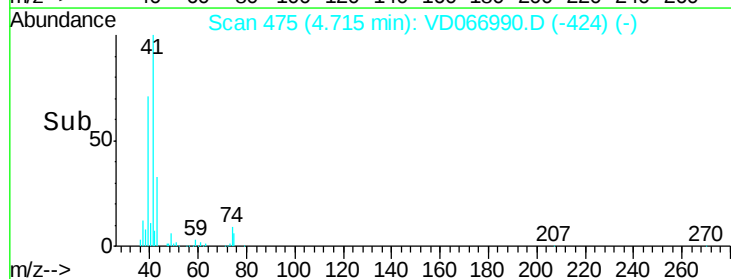
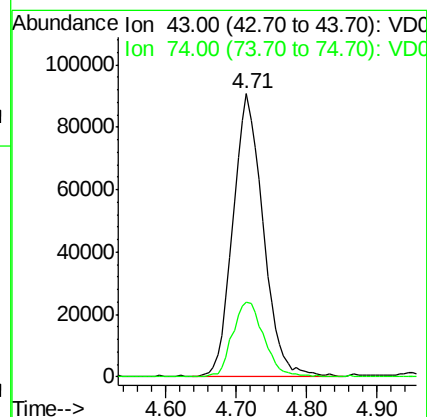
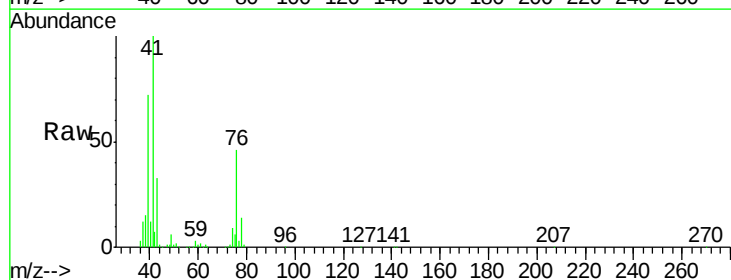
Acq: 01 Oct 2020 13:41

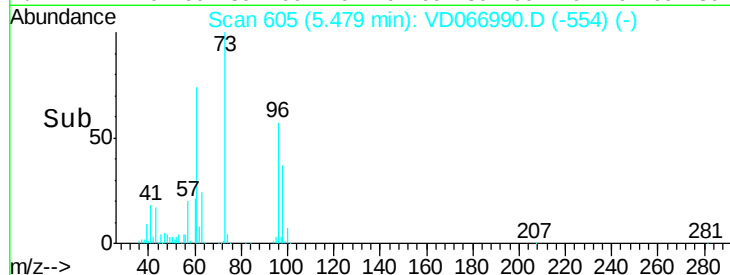
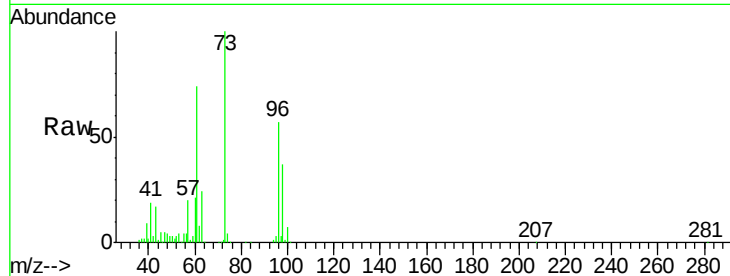
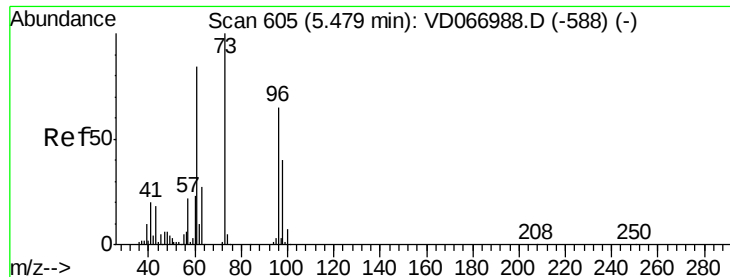
Tgt Ion: 43 Resp: 268173

Ion Ratio Lower Upper

43 100

74 27.6 21.5 32.3





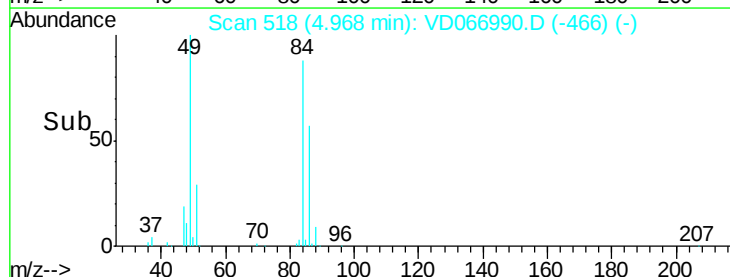
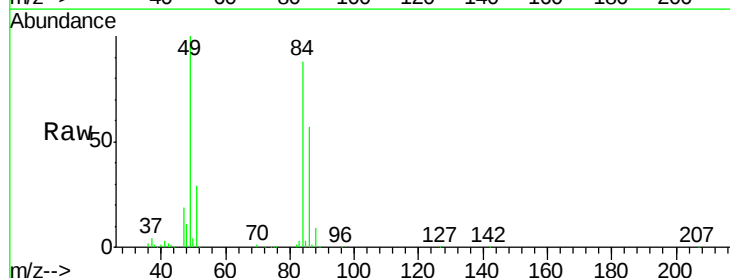
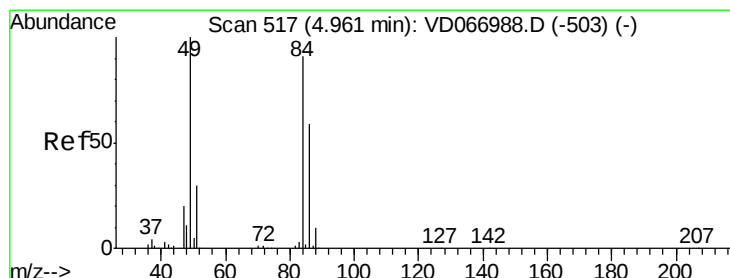
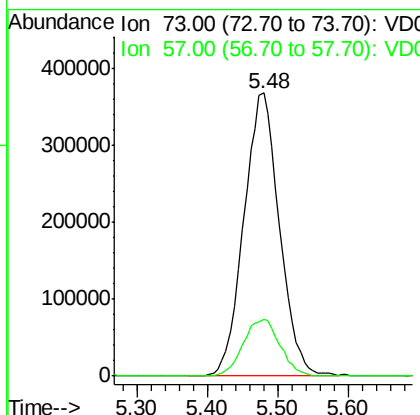
#19
Methyl tert-butyl Ether
Concen: 152.229 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tot Ion: 73 Resp: 1291965
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

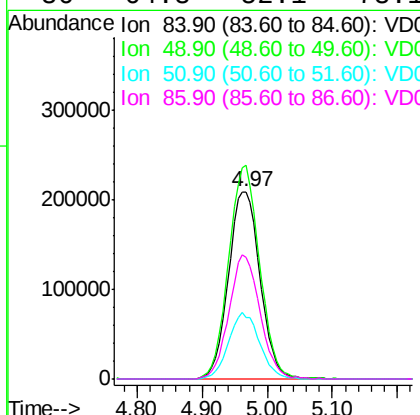
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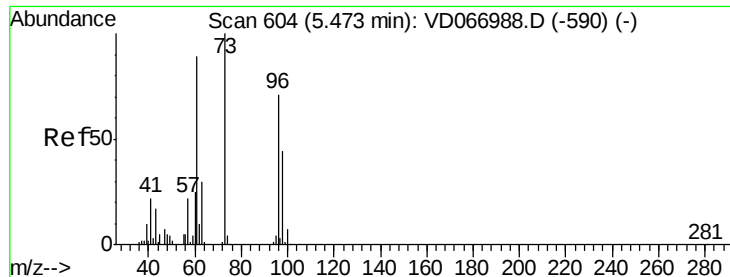
MMDadoda
10/2/2020 3:13:25 PM



#20
Methylene Chloride
Concen: 106.618 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 84 Resp: 704754
Ion Ratio Lower Upper
84 100
49 114.0 88.2 132.2
51 32.9 26.6 39.8
86 64.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 136.289 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

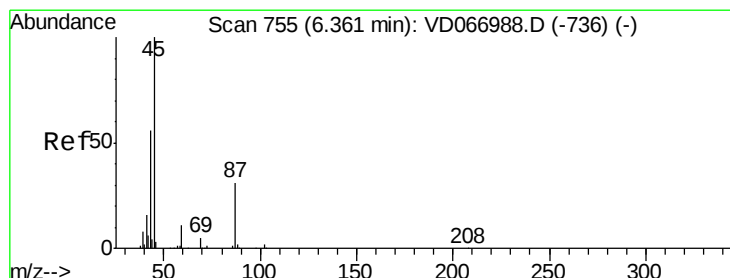
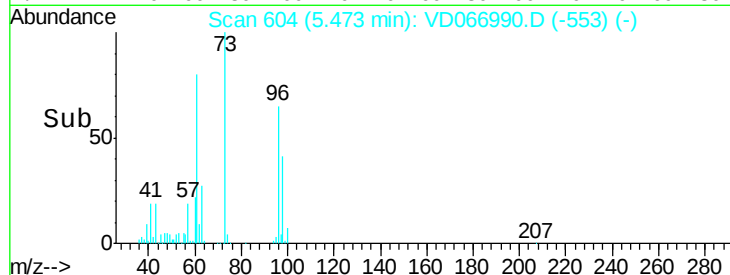
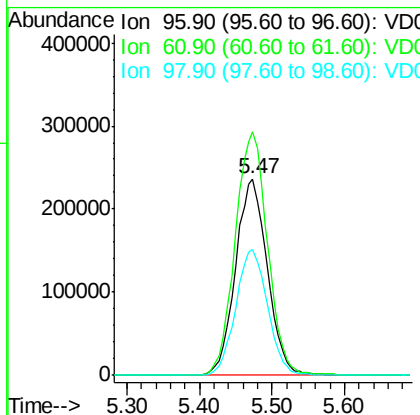
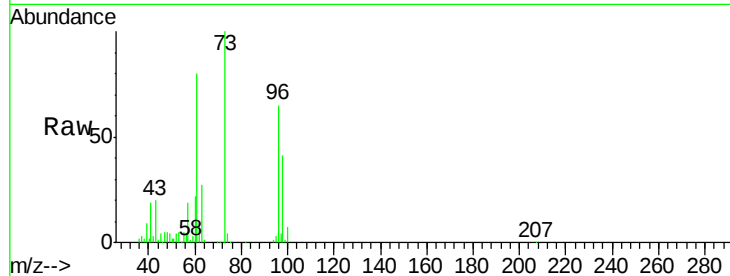
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	721082
Ion	Ratio	Lower	Upper
96	100		
61	123.7	99.6	149.4
98	63.6	49.4	74.2

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#22

Diisopropyl ether

Concen: 138.759 ug/l

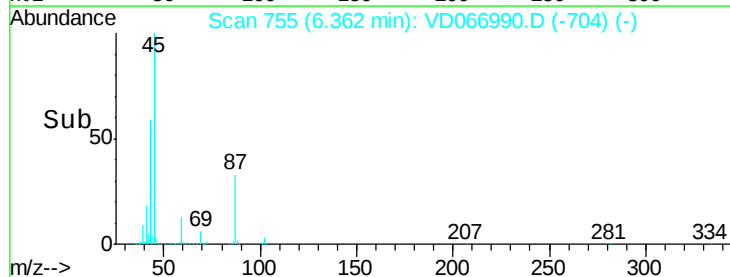
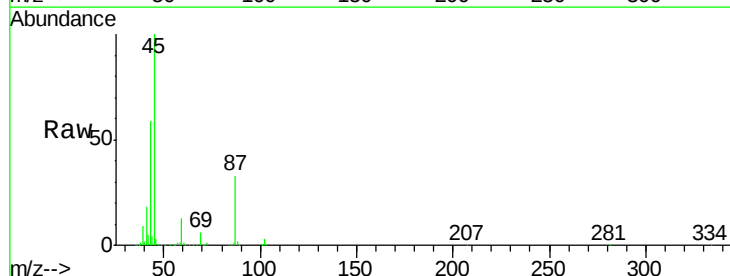
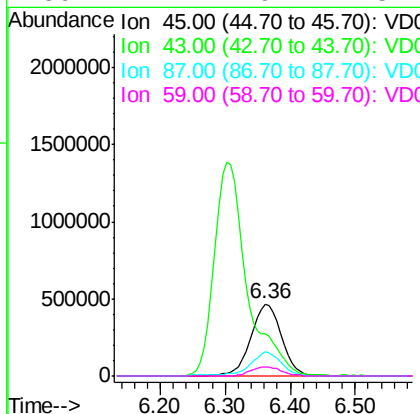
RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion:	45	Resp:	1529968
Ion	Ratio	Lower	Upper
45	100		
43	57.7	45.2	67.8
87	33.1	25.6	38.4
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 774.963 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4842027

Ion Ratio Lower Upper

43 100

86 12.9

10.2

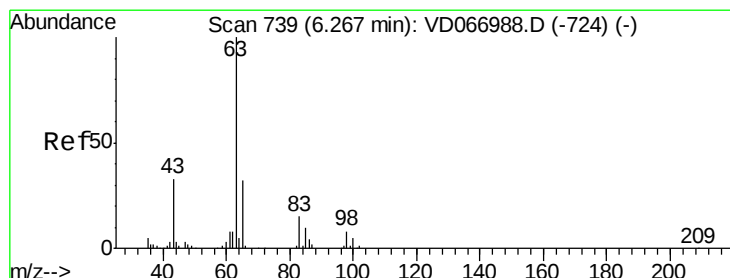
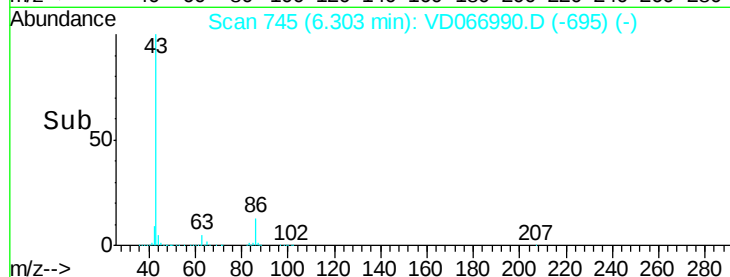
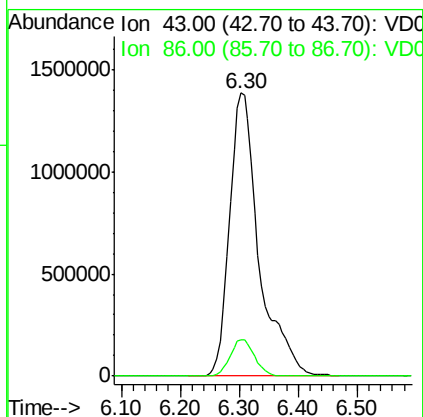
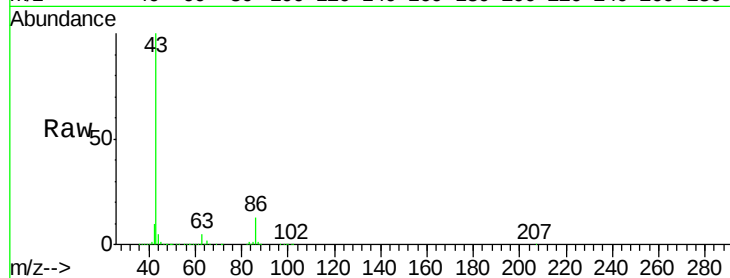
15.2

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#24

1,1-Dichloroethane

Concen: 136.300 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion: 63 Resp: 1159828

Ion Ratio Lower Upper

63 100

98 7.5

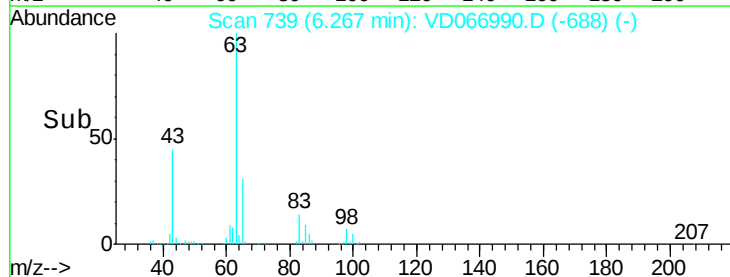
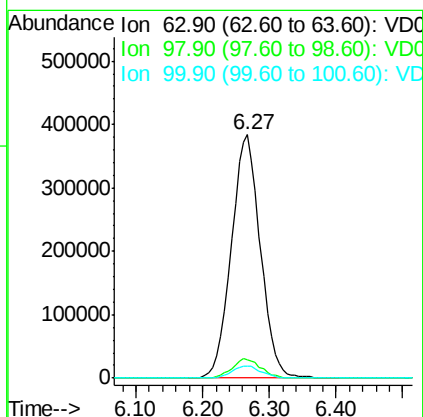
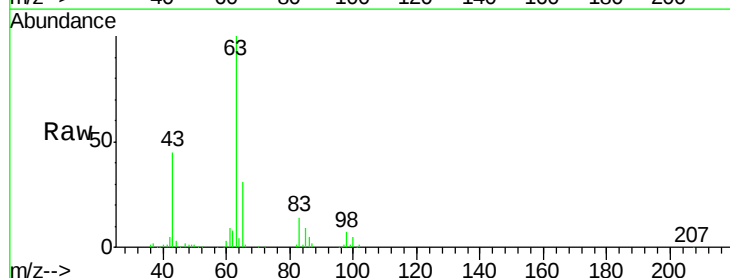
4.2

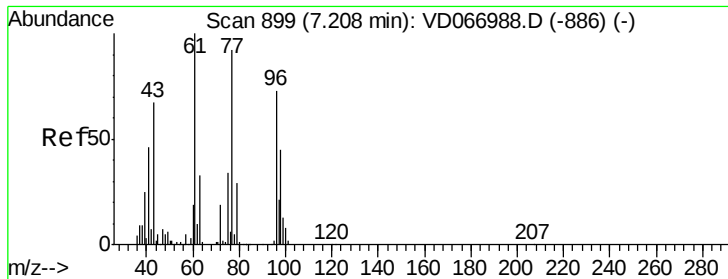
12.6

100 4.7

2.6

7.8





#25

2-Butanone

Concen: 693.301 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 712764

Ion Ratio Lower Upper

43 100

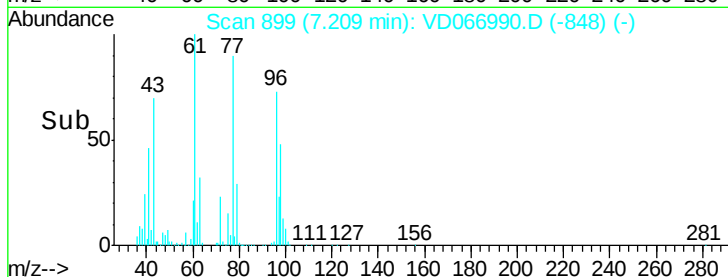
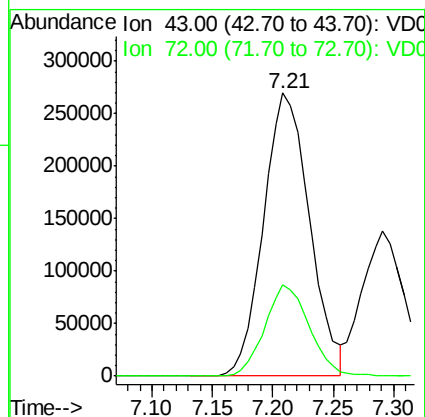
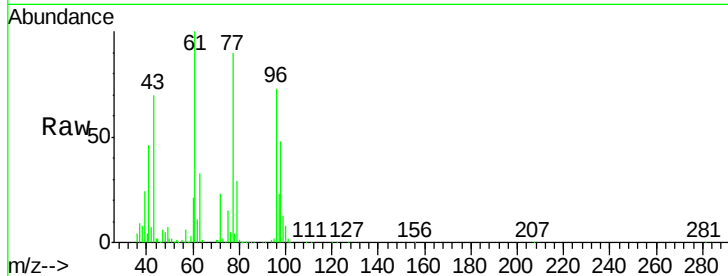
72 32.2 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 125.939 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066990.D

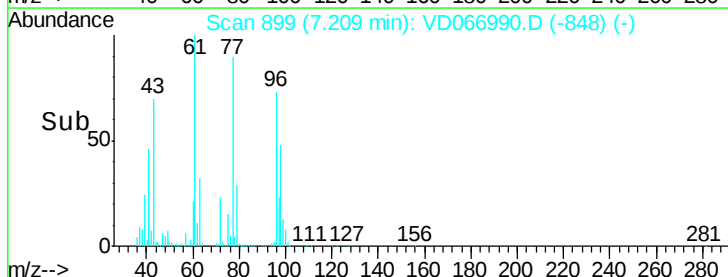
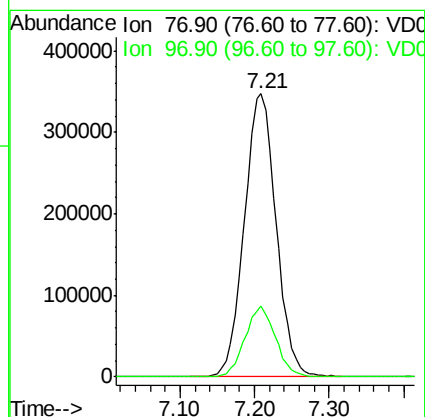
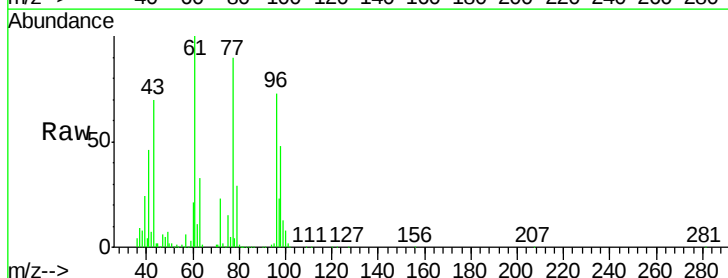
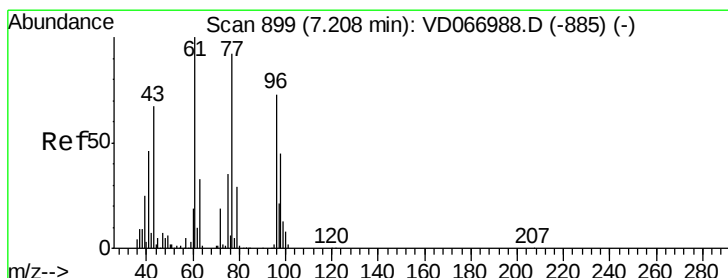
Acq: 01 Oct 2020 13:41

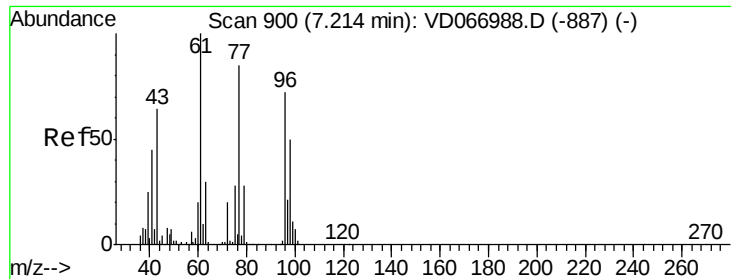
Tgt Ion: 77 Resp: 1028216

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

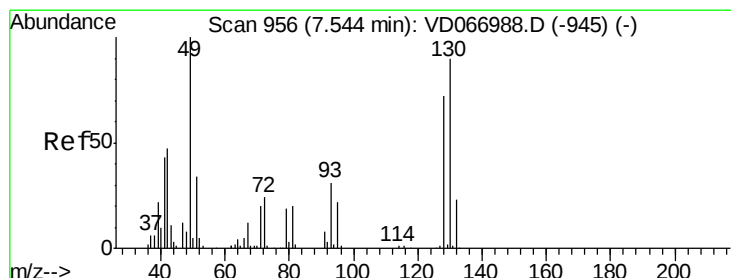
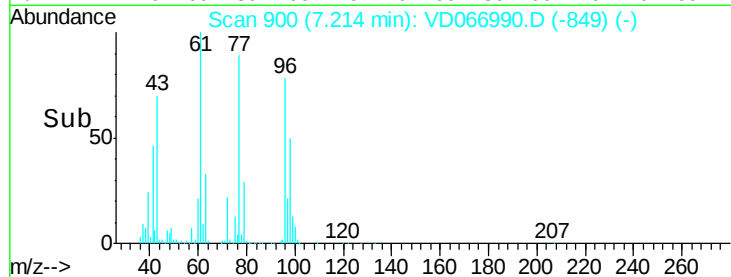
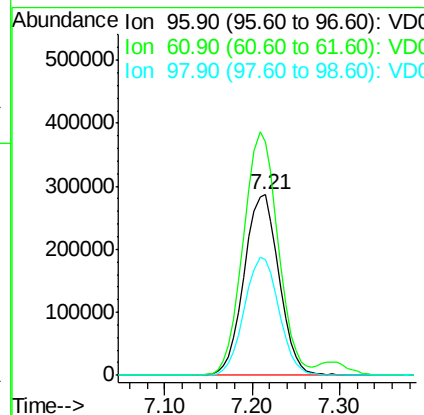
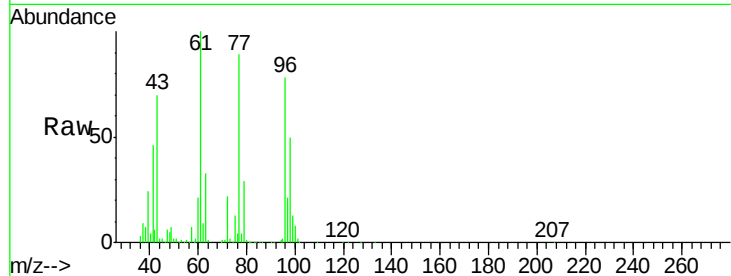
cis-1,2-Dichloroethene
Concen: 137.720 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	269.2
98	65.2	0.0	129.4

Manual Integrations
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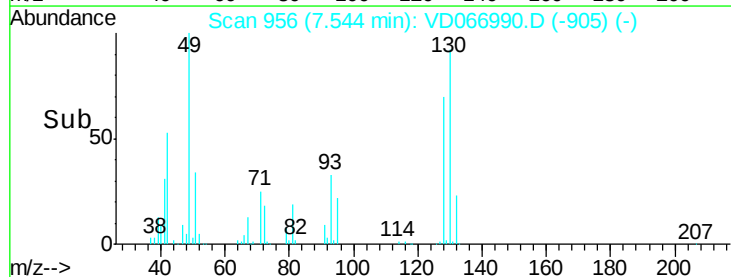
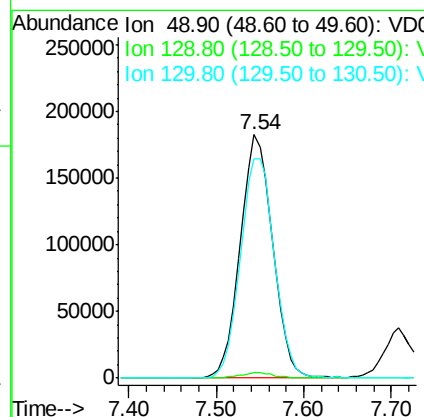
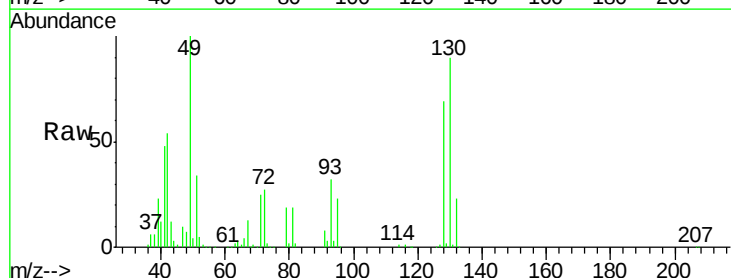
MMDadoda
10/2/2020 3:13:25 PM

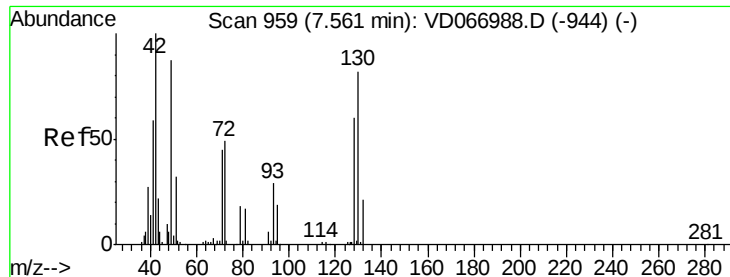


#28

Bromochloromethane
Concen: 139.483 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	94.8	74.1	111.1





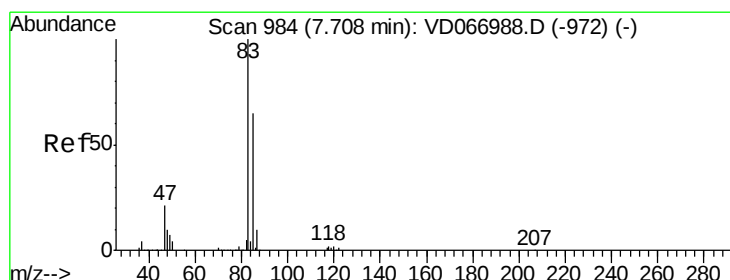
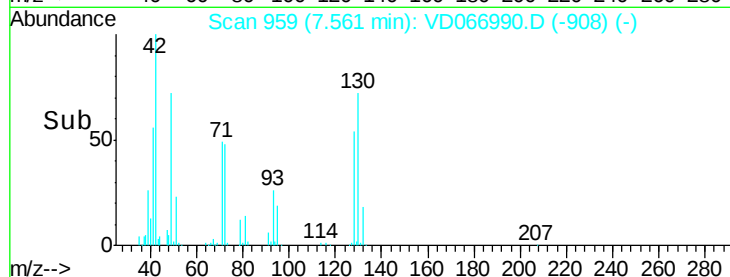
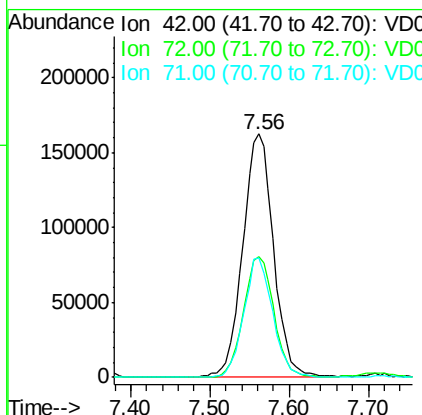
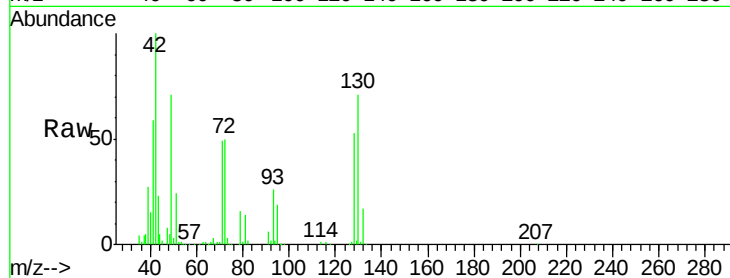
#29
Tetrahydrofuran
Concen: 738.001 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	39.1	58.7
71	46.6	34.2	51.4

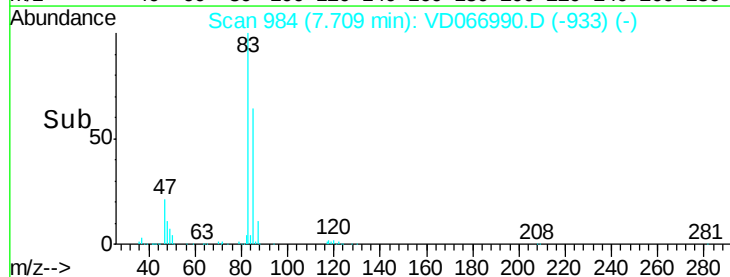
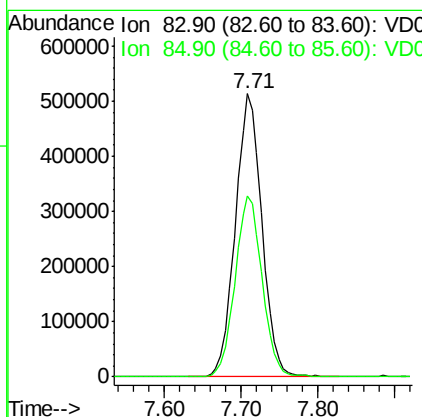
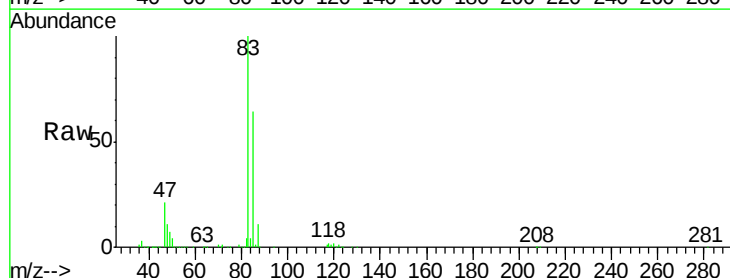
Manual Integrations
APPROVED

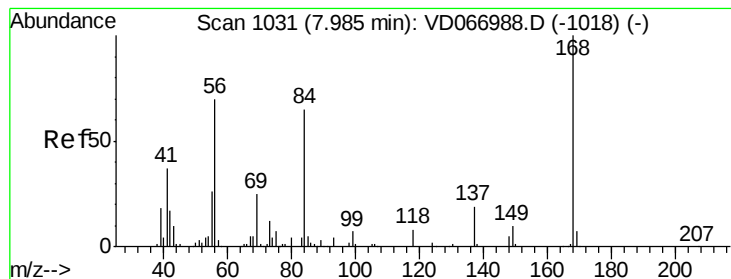
MMDadoda
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#30
Chloroform
Concen: 134.778 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 127.393 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

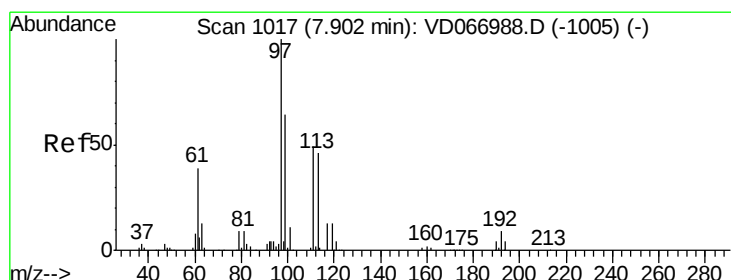
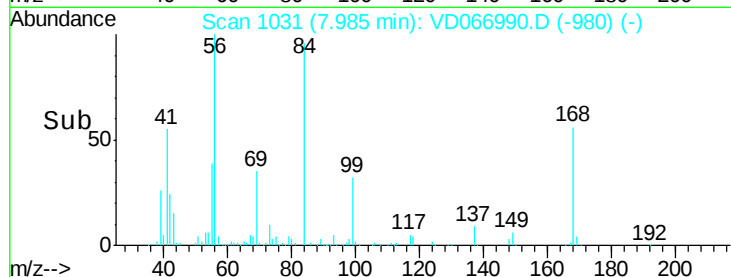
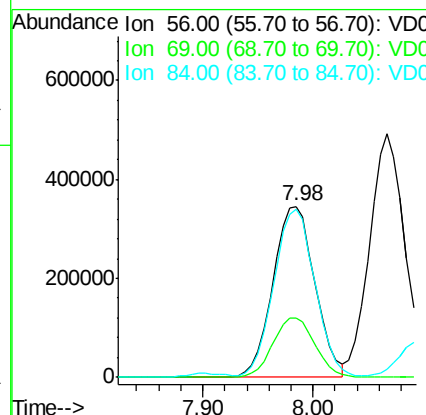
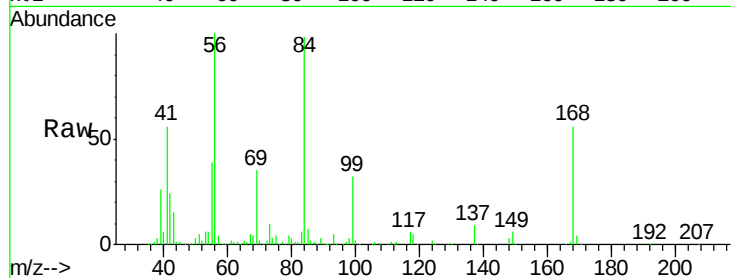
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		908819		
69	34.8	29.0	43.6		
84	96.1	74.2	111.2		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 134.043 ug/l

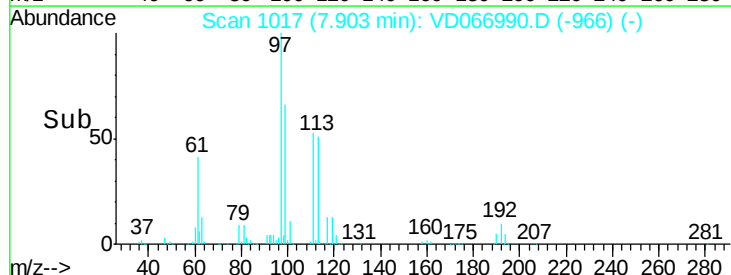
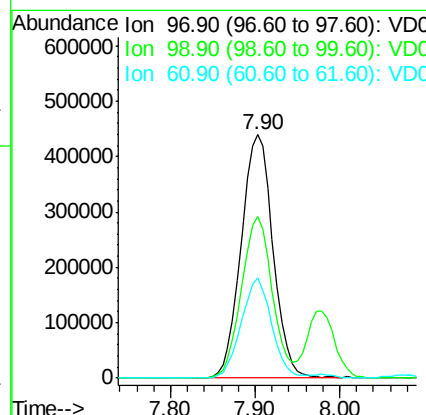
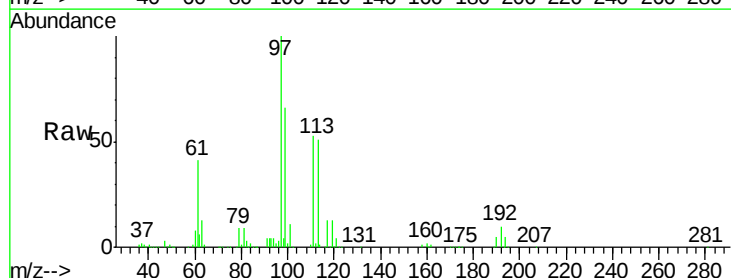
RT: 7.90 min Scan# 1017

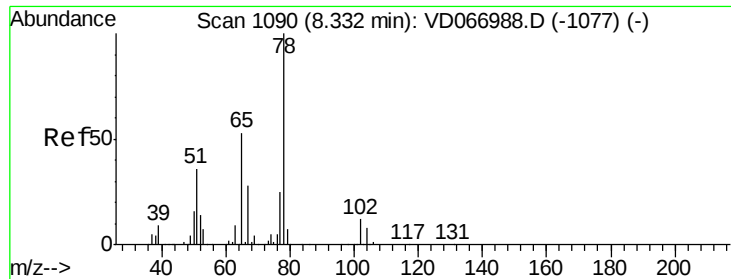
Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		1146712		
99	64.1	52.6	78.8		
61	39.3	32.8	49.2		





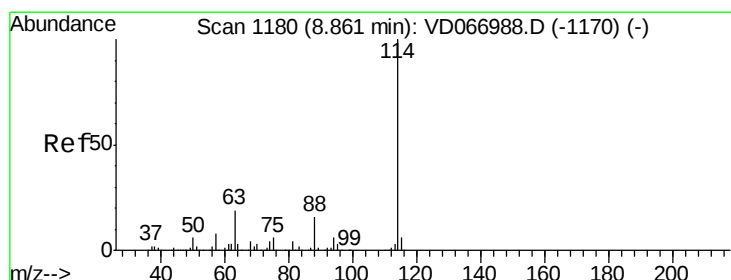
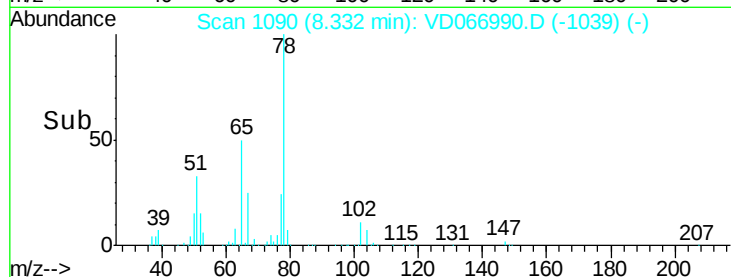
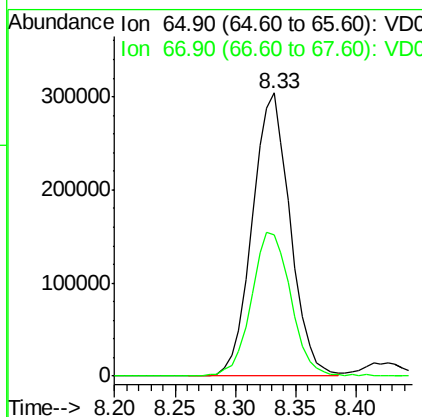
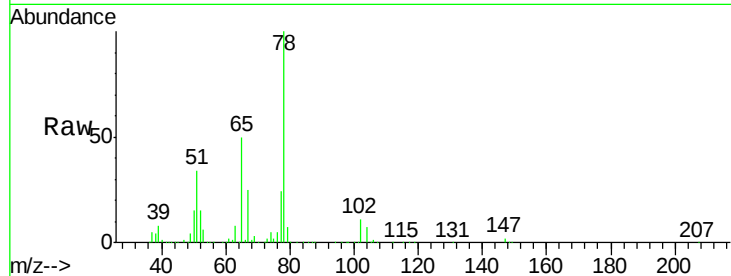
#33
 1,2-Dichloroethane-d4
 Concen: 139.822 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	664194		
67	53.1	0.0	106.8	

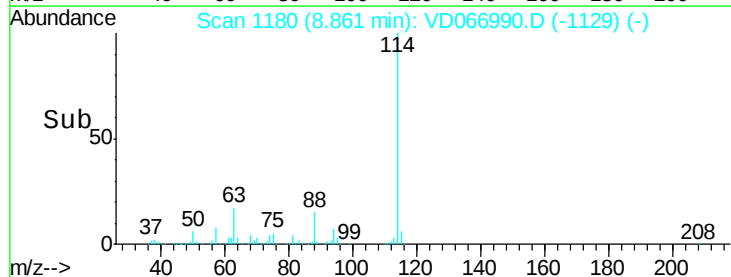
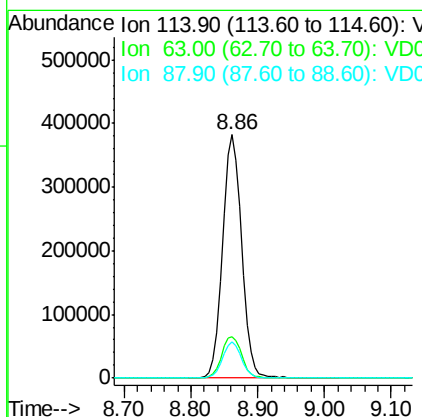
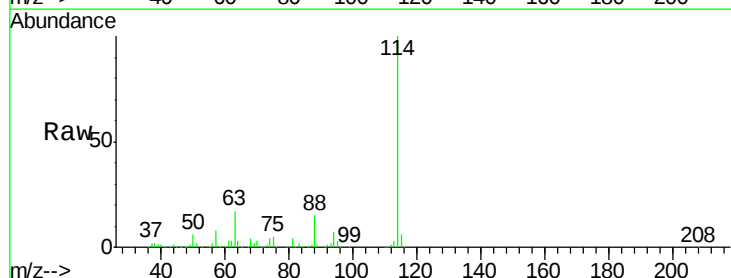
Manual Integrations
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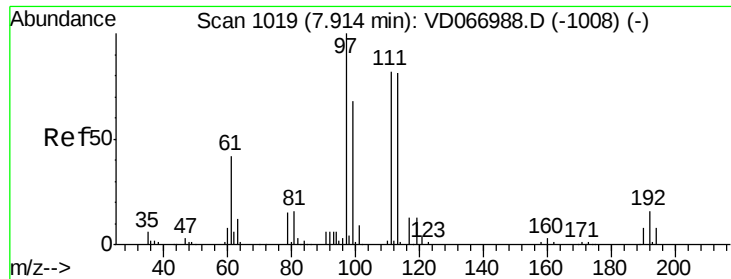
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	777328		
63	17.2	0.0	38.4	
88	14.8	0.0	31.2	





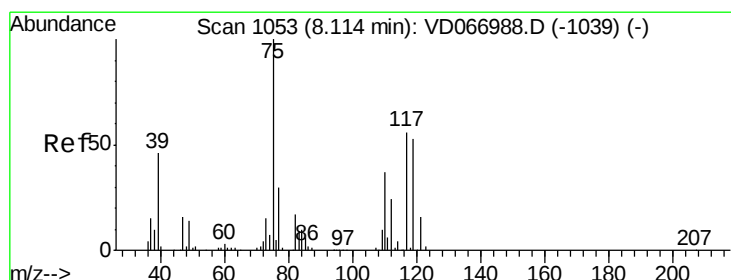
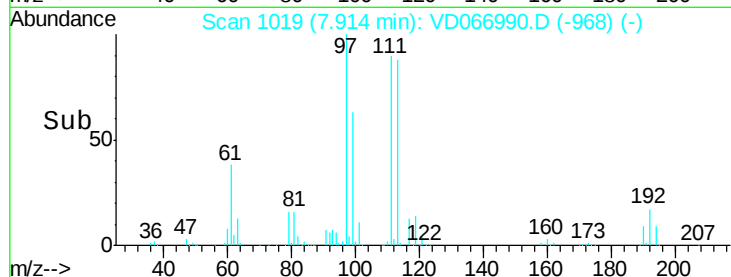
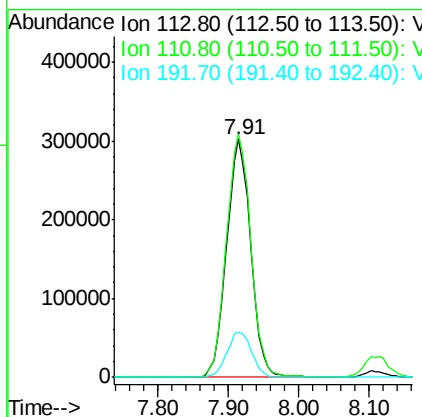
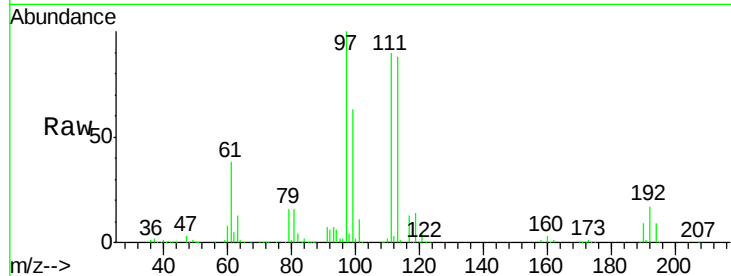
#35
Dibromofluoromethane
Concen: 140.909 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	717090		
111	103.5	83.0	124.4	
192	19.8	15.5	23.3	

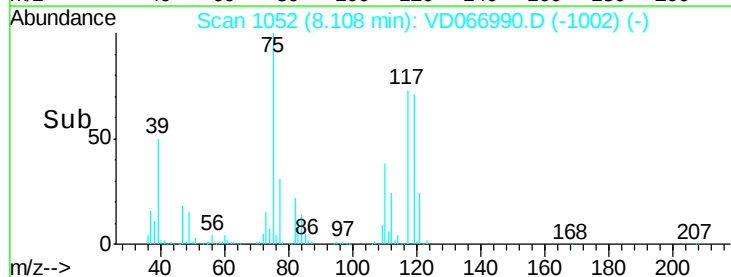
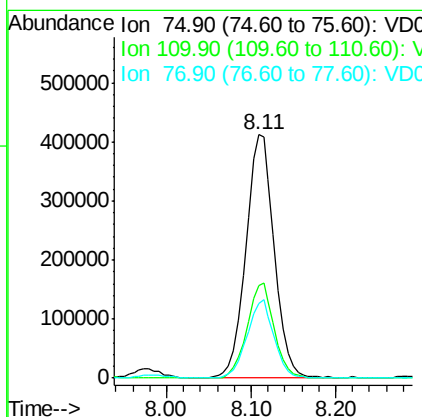
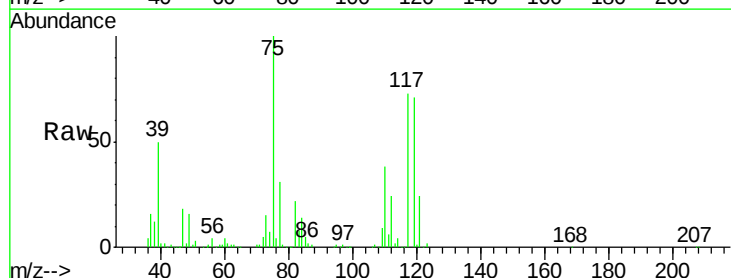
Manual Integrations
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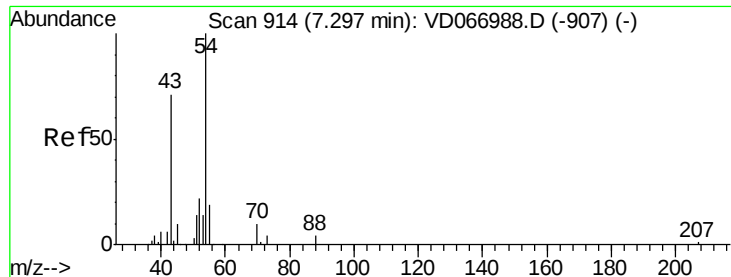
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#36
1,1-Dichloropropene
Concen: 132.207 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	957913		
110	37.6	18.4	55.0	
77	31.0	24.8	37.2	





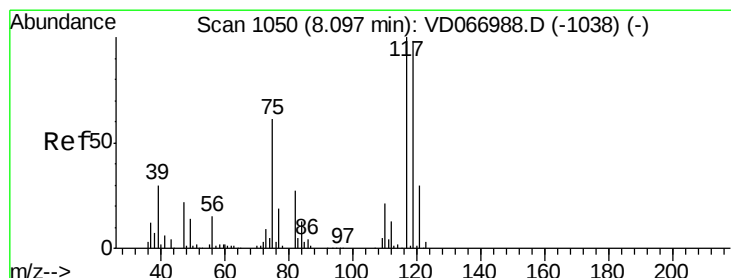
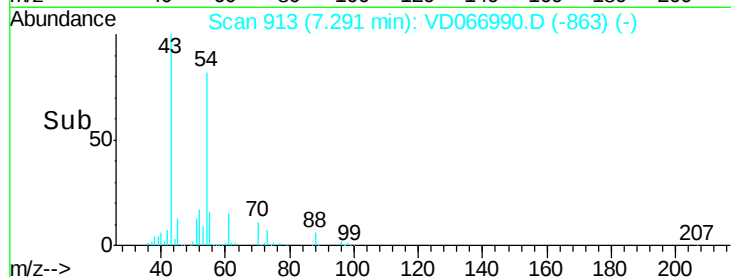
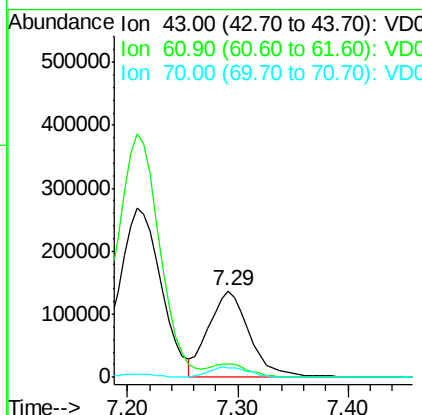
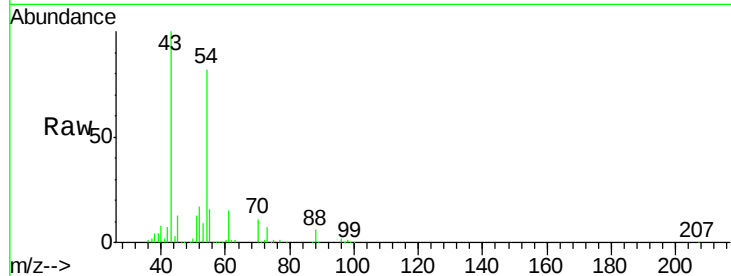
#37
Ethyl Acetate
Concen: 138.573 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.5	18.7
70	12.2	9.4	14.0

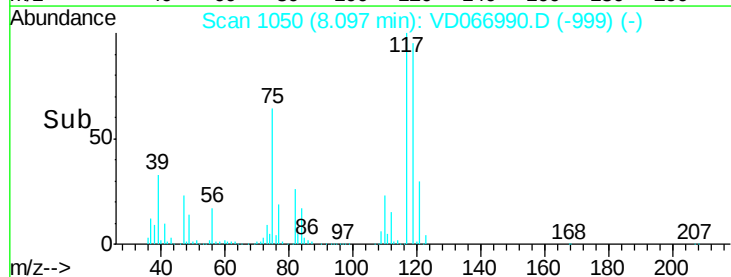
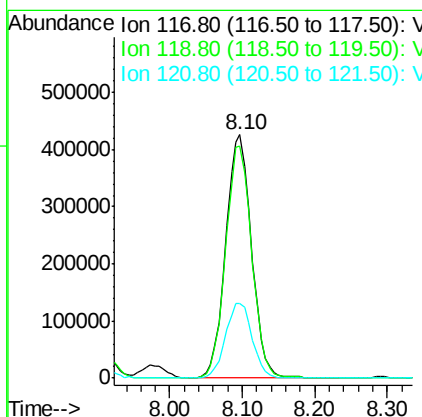
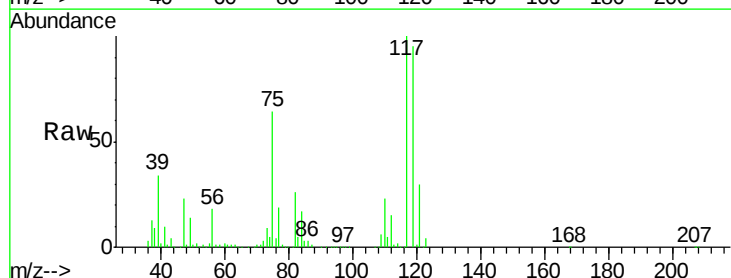
Manual Integrations
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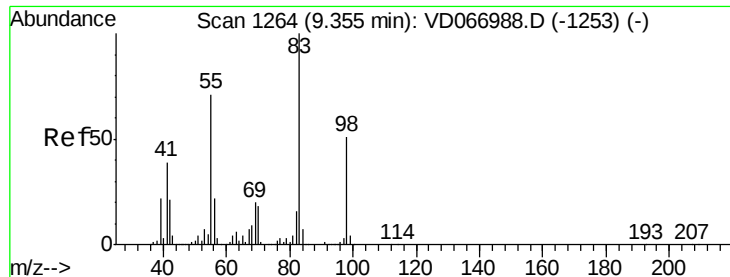
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#38
Carbon Tetrachloride
Concen: 133.993 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
121	30.4	24.2	36.2





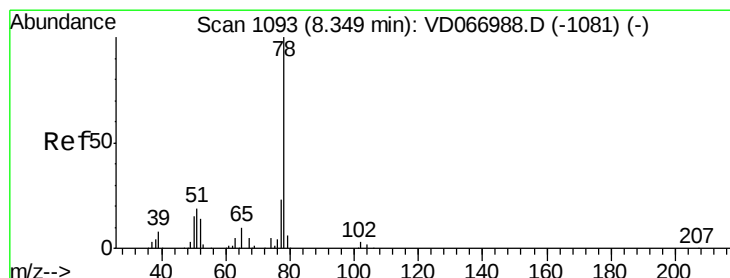
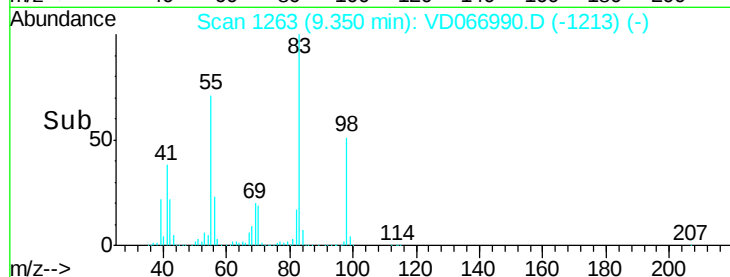
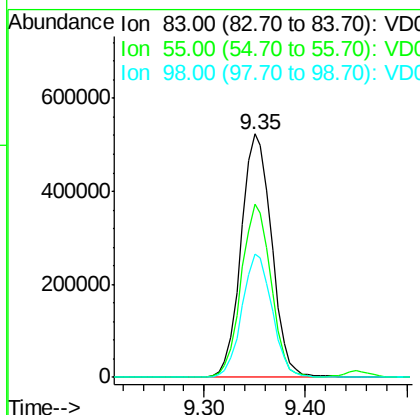
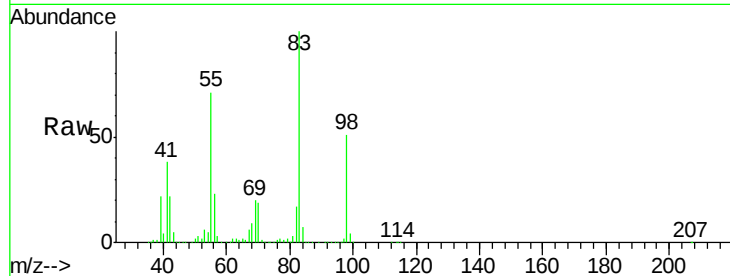
#39
Methvlcvclohexane
Concen: 143.160 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.1	85.7
98	50.8	40.9	61.3

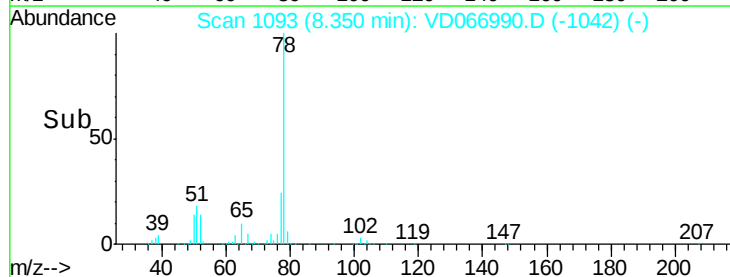
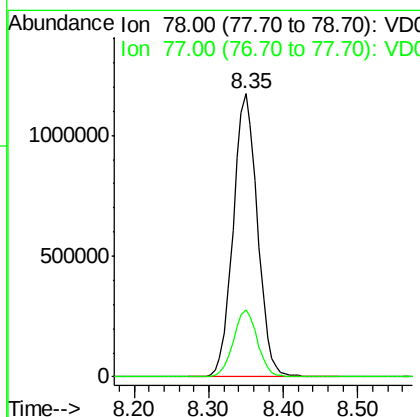
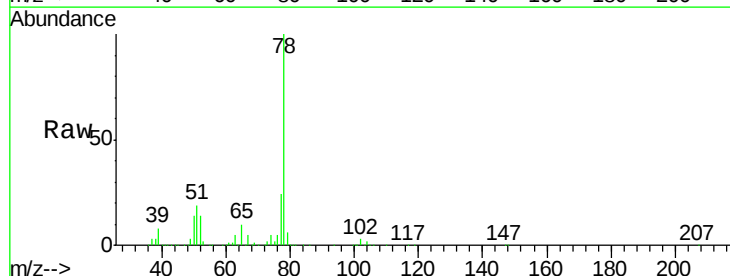
Manual Integrations
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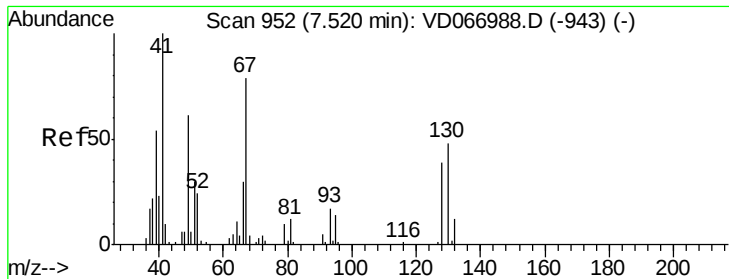
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#40
Benzene
Concen: 131.664 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.4	27.6





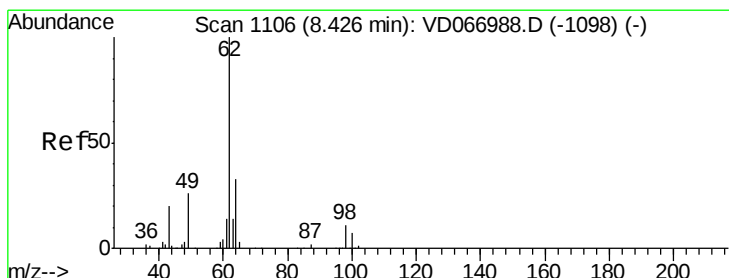
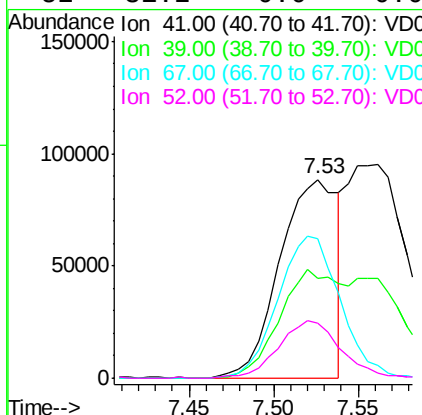
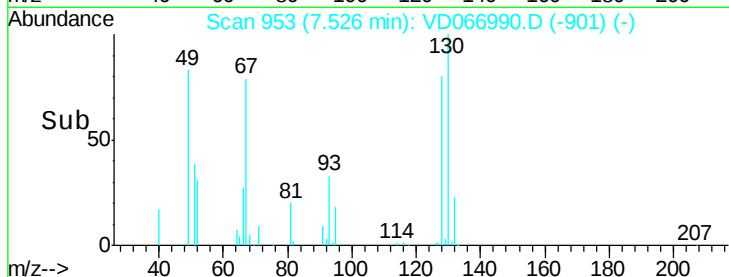
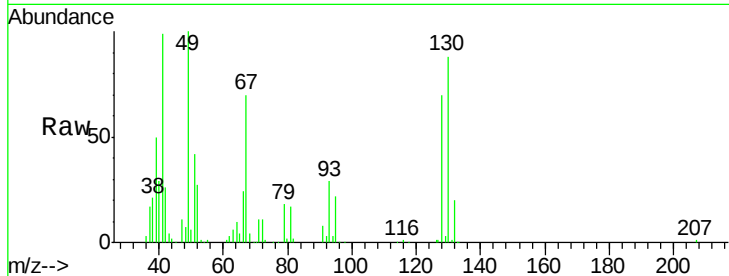
#41
Methacrylonitrile
Concen: 155.770 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	60.3	0.0	0.0#
67	76.8	0.0	0.0#
52	31.2	0.0	0.0#

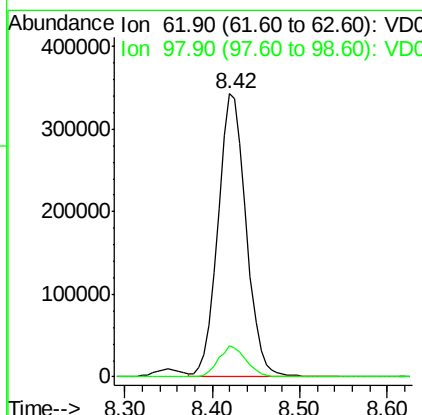
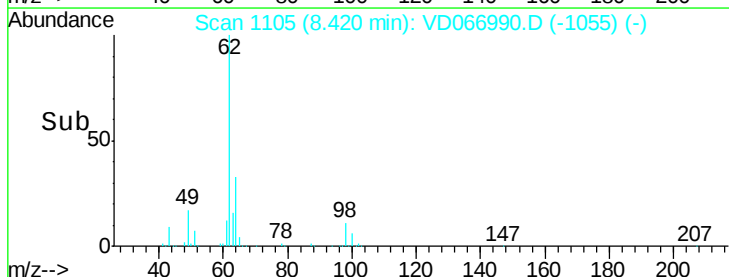
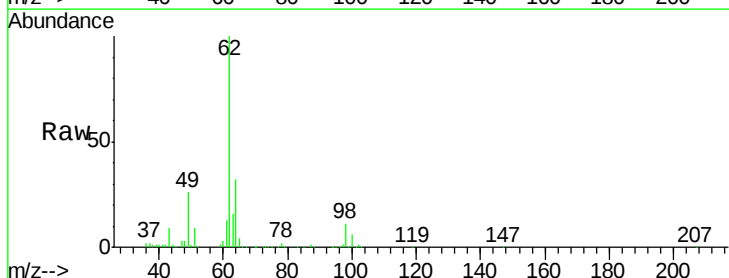
Manual Integrations
APPROVED

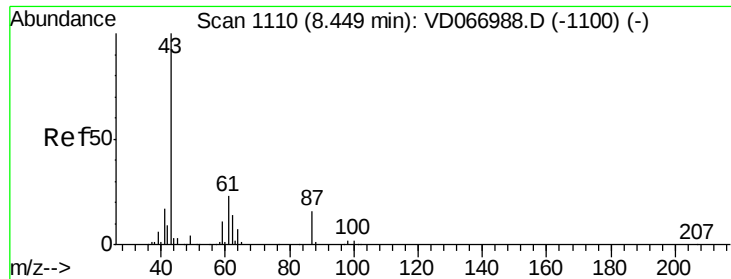
MMDadoda
10/2/2020 3:13:25 PM



#42
1,2-Dichloroethane
Concen: 134.967 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	10.8	0.0	22.6





#43

Isopropyl Acetate

Concen: 147.651 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

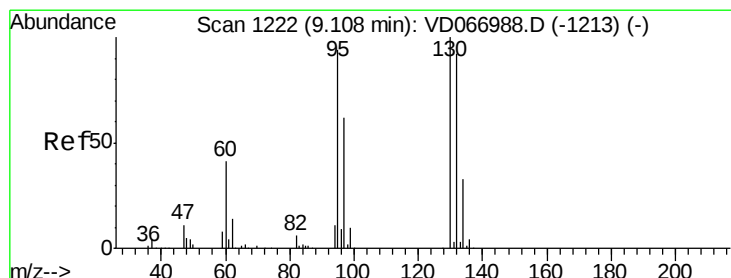
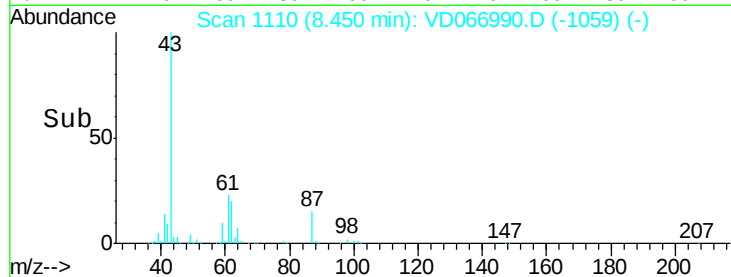
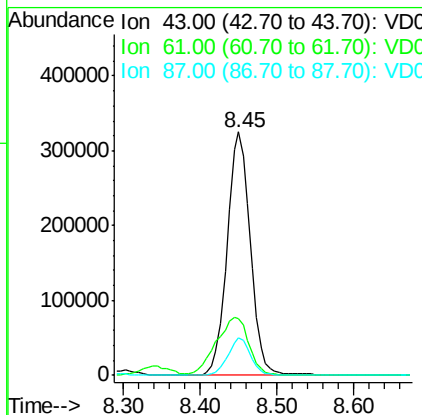
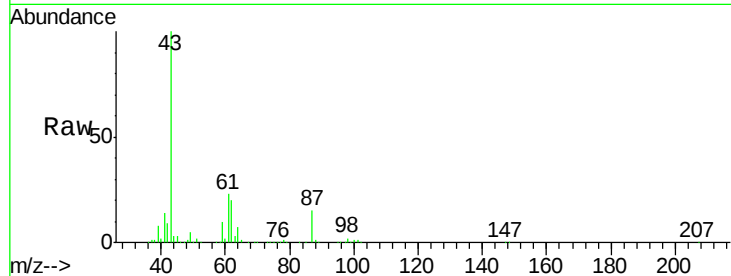
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	682751
Ion	Ratio	Lower	Upper
43	100		
61	33.0	27.1	40.7
87	15.3	12.3	18.5

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#44

Trichloroethene

Concen: 135.300 ug/l

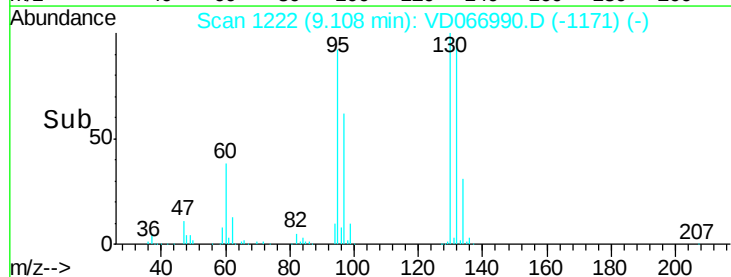
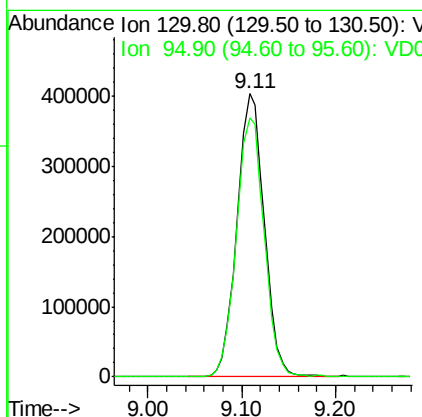
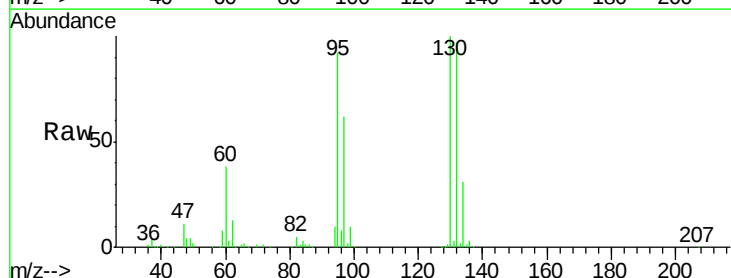
RT: 9.11 min Scan# 1222

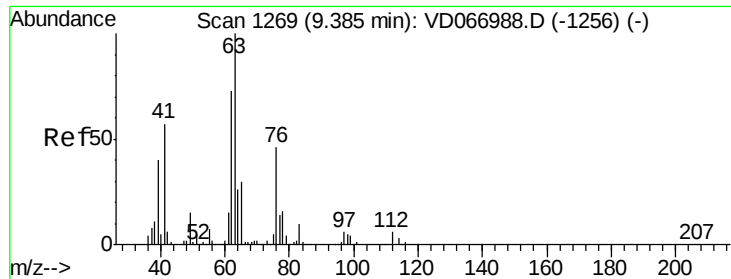
Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion:	130	Resp:	813083
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	187.8





#45

1,2-Dichloropropane

Concen: 137.666 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 650967

Ion Ratio Lower Upper

63 100

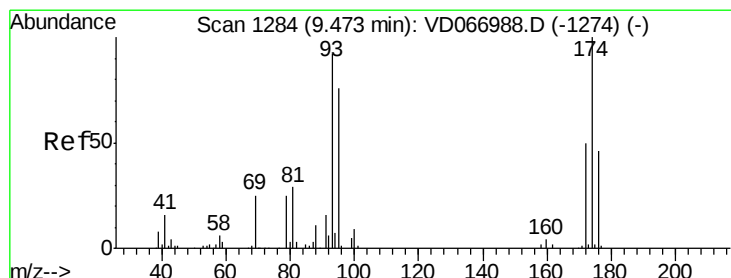
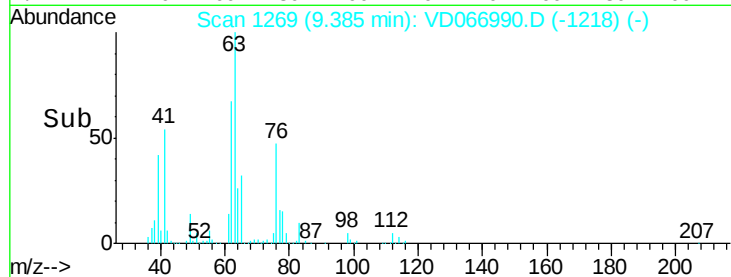
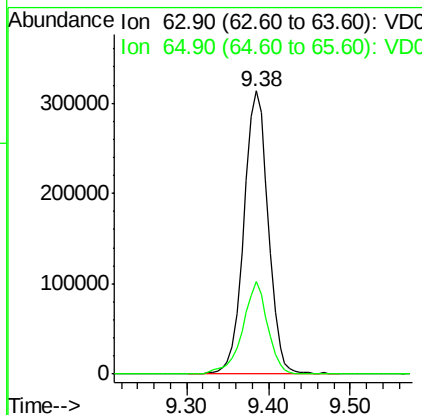
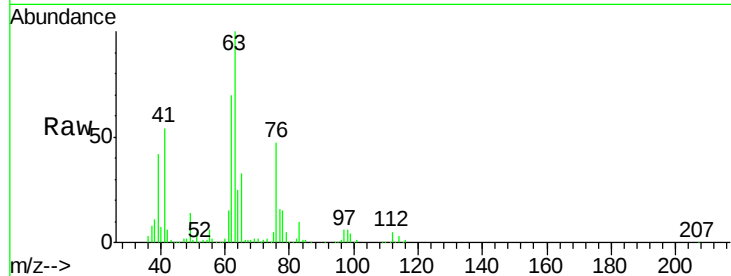
65 32.5 23.7 35.5

Manual Integrations

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10/2/2020 3:13:25 PM



#46

Dibromomethane

Concen: 135.607 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

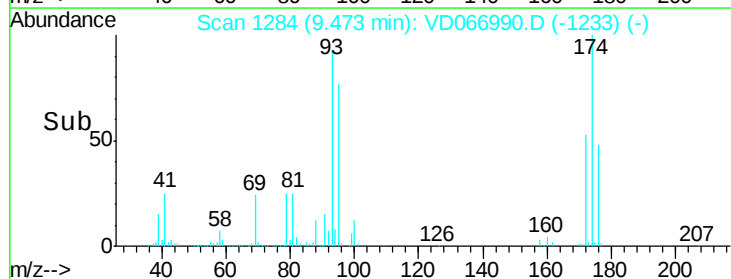
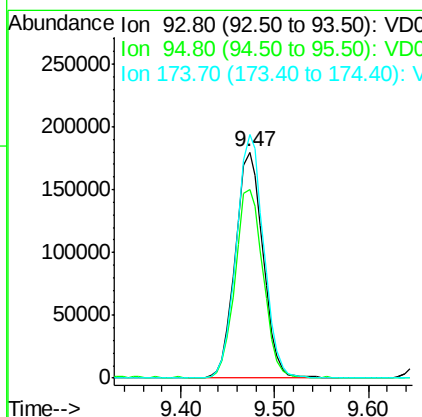
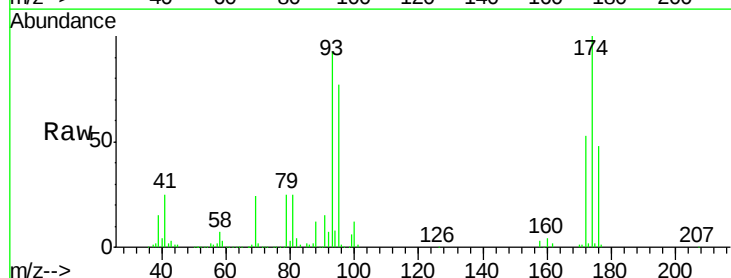
Tgt Ion: 93 Resp: 368547

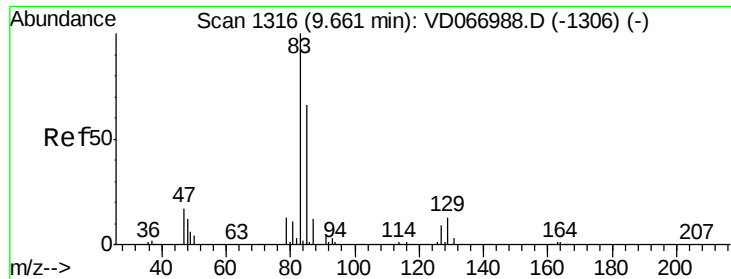
Ion Ratio Lower Upper

93 100

95 83.9 64.7 97.1

174 106.3 81.4 122.2





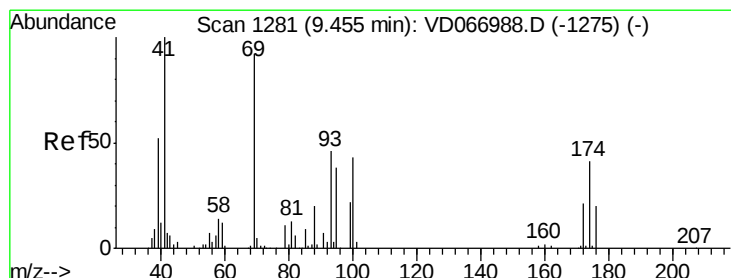
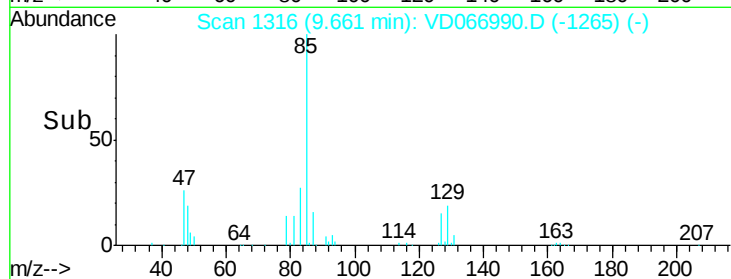
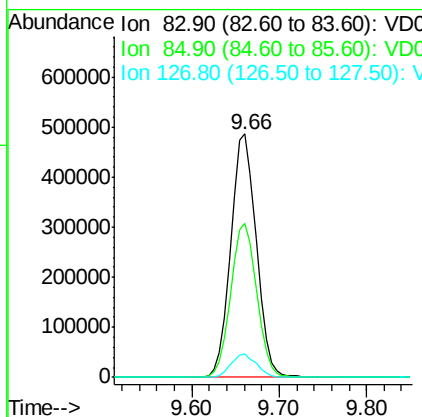
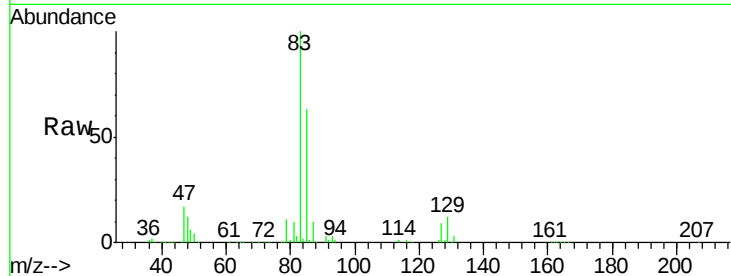
#47
Bromodichloromethane
Concen: 136.234 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	962449		
85	63.4	52.9	79.3	
127	9.4	7.3	10.9	

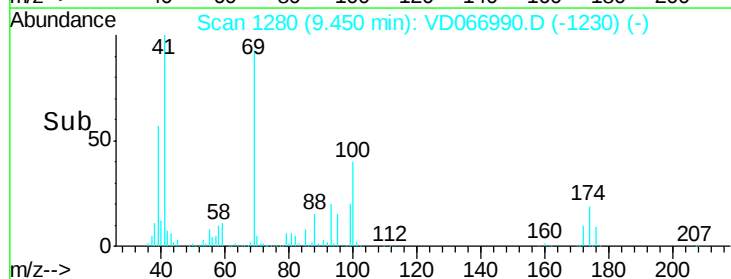
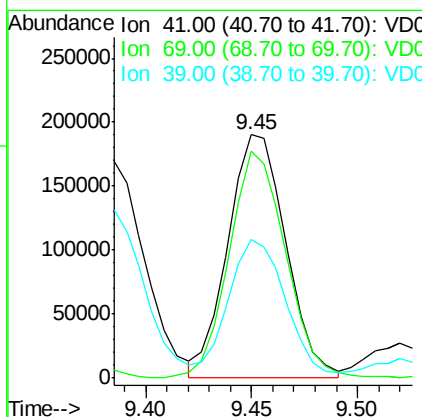
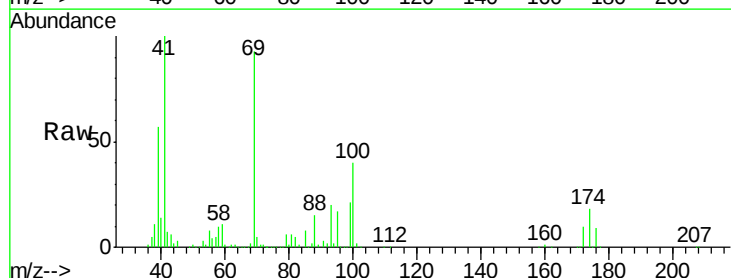
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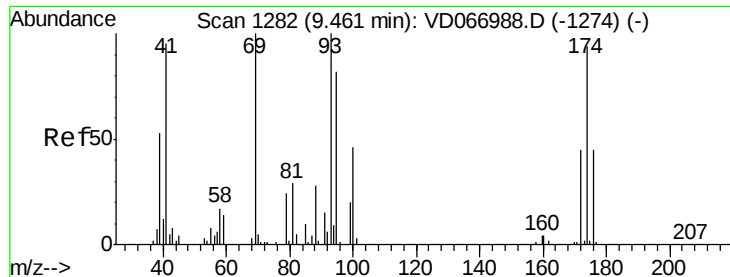
MMDadoda
10/2/2020 3:13:25 PM



#48
Methyl methacrylate
Concen: 152.537 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	361356		
69	90.8	68.5	102.7	
39	52.4	40.2	60.2	





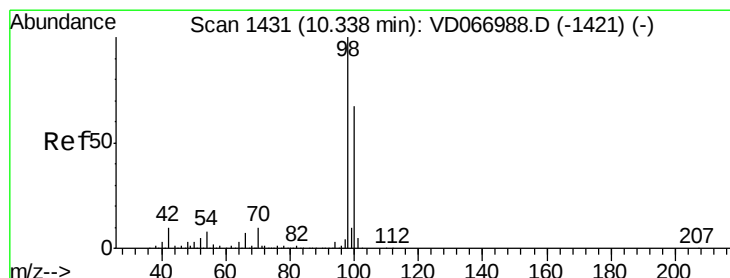
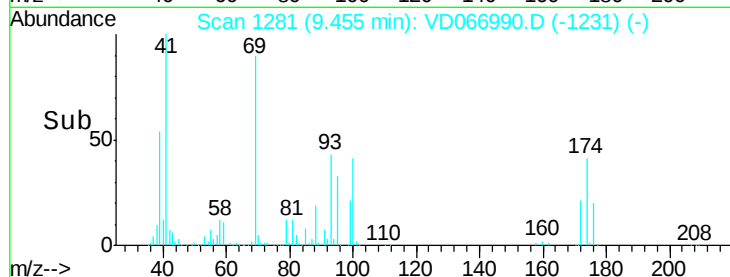
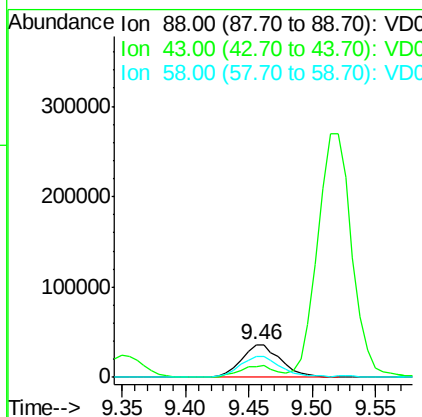
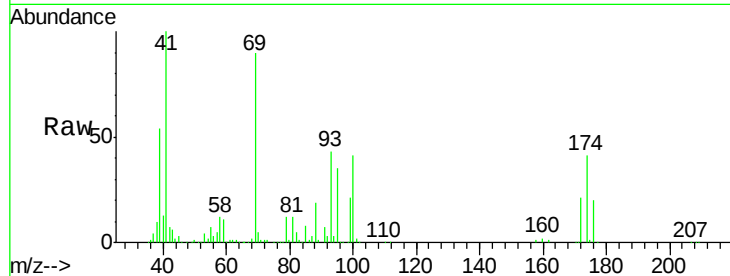
#49
1,4-Dioxane
Concen: 2755.072 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.6	38.4
58	66.3	53.5	80.3

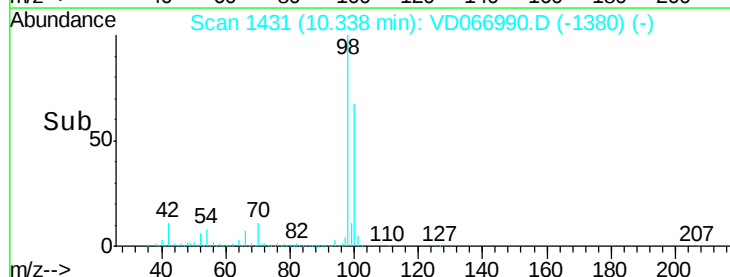
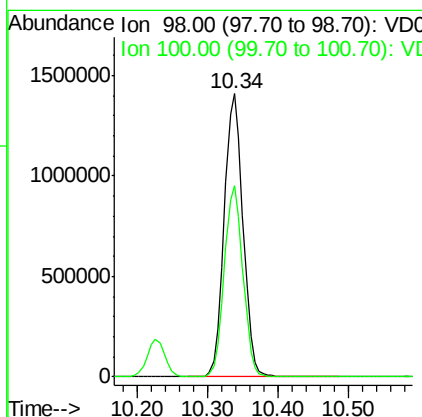
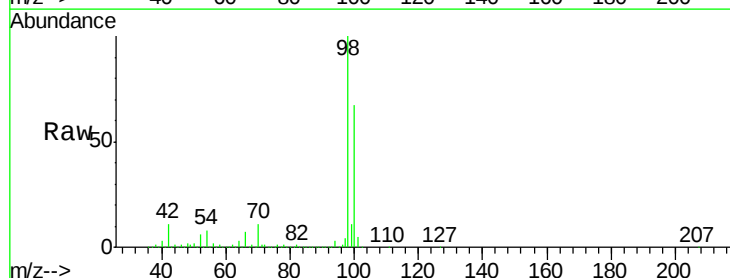
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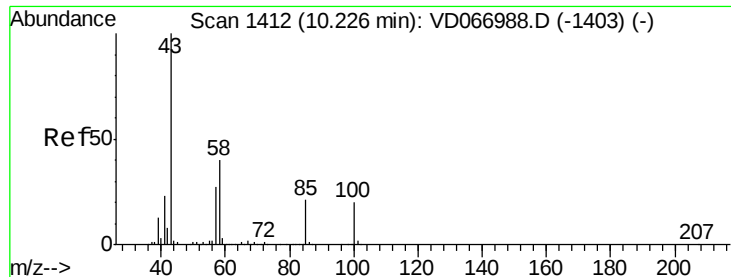
MMDadoda
10/2/2020 3:13:25 PM



#50
Toluene-d8
Concen: 140.290 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.8	79.2





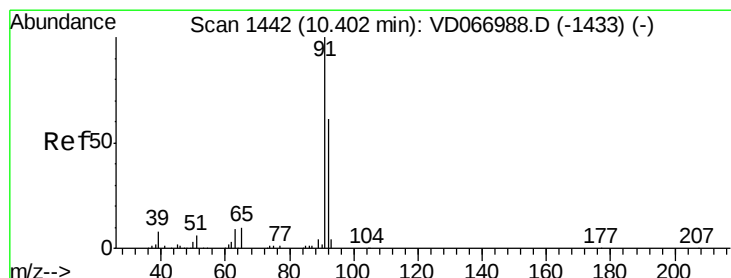
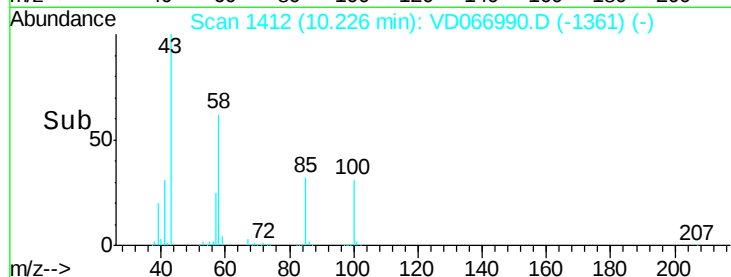
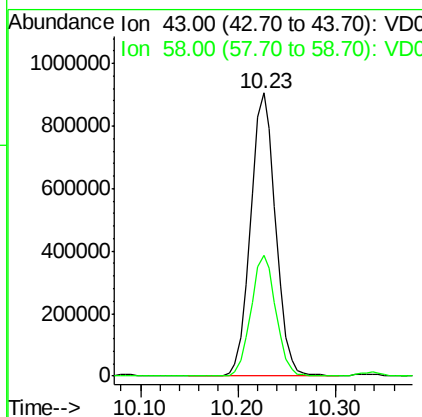
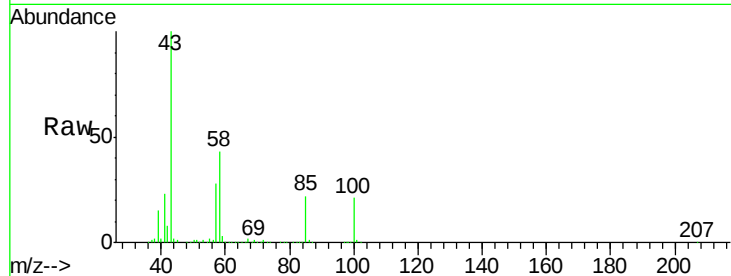
#51
4-Methyl-2-Pentanone
Concen: 709.238 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1633545
Ion Ratio Lower Upper
43 100
58 42.6 33.8 50.8

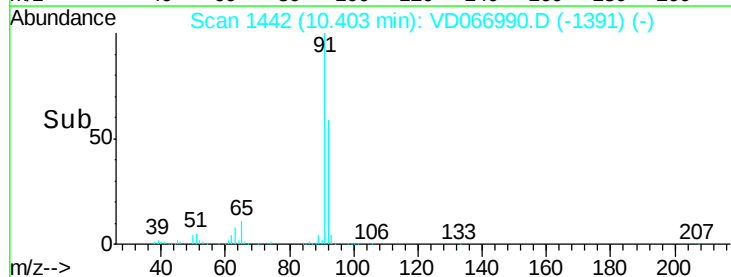
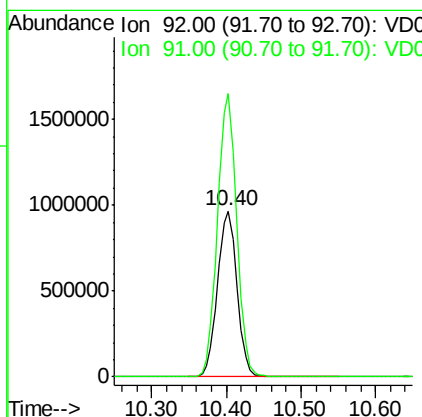
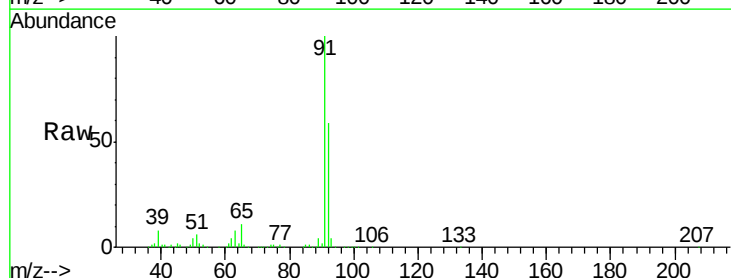
Manual Integrations
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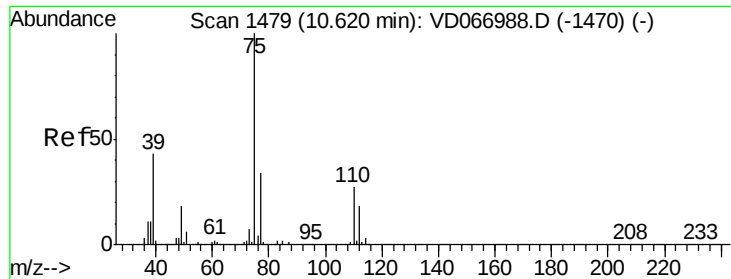
MMDadoda
10/2/2020 3:13:25 PM



#52
Toluene
Concen: 135.003 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 92 Resp: 1750176
Ion Ratio Lower Upper
92 100
91 168.8 135.1 202.7





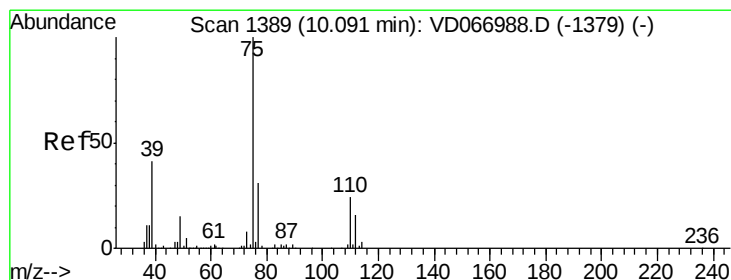
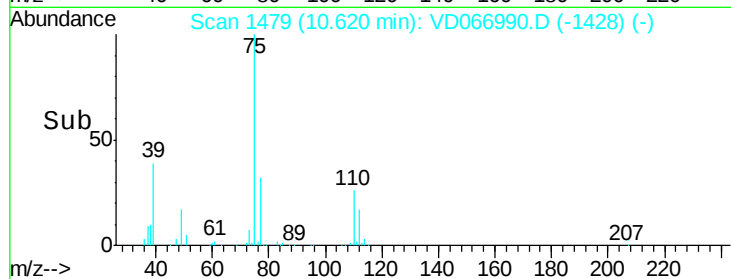
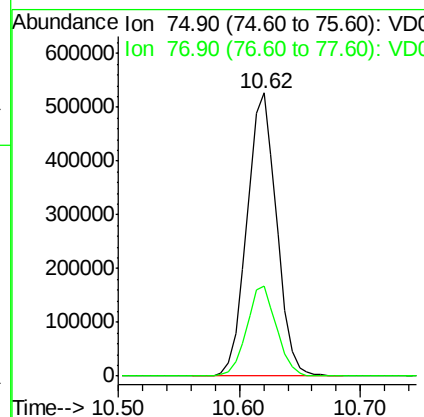
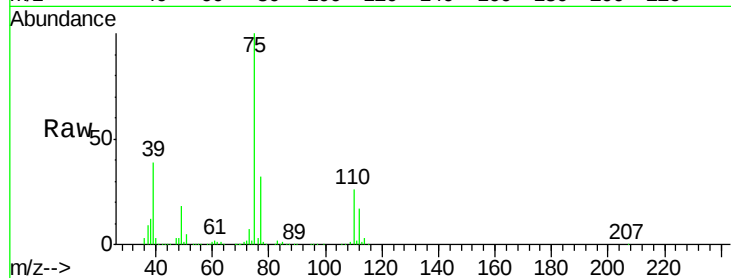
#53
 t-1,3-Dichloropropene
 Concen: 143.175 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 903999
 Ion Ratio Lower Upper
 75 100
 77 31.6 27.1 40.7

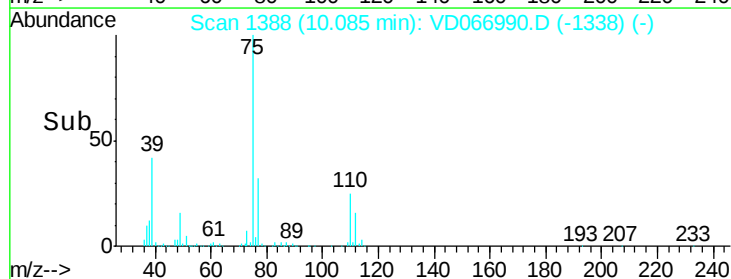
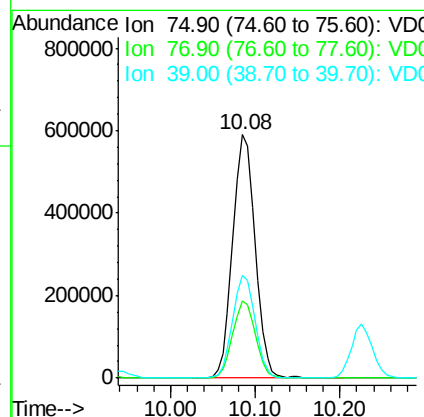
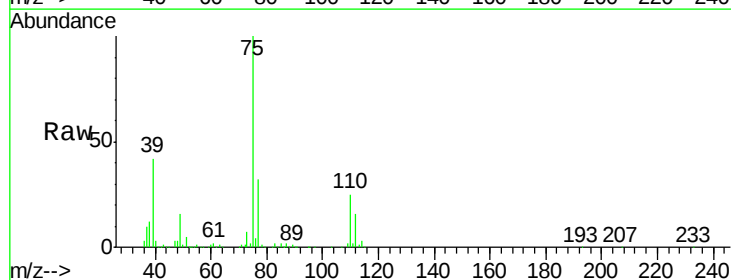
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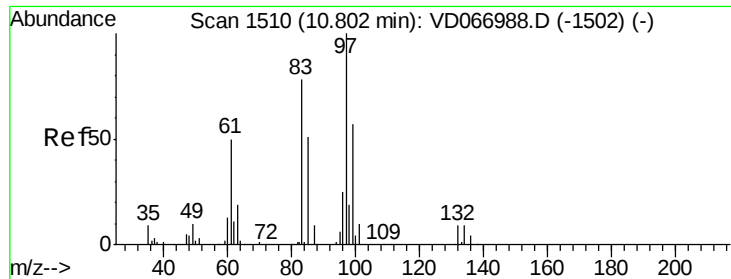
MMDadoda
 10/2/2020 3:13:25 PM



#54
 cis-1,3-Dichloropropene
 Concen: 139.951 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion: 75 Resp: 1079023
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0
 39 42.3 33.0 49.4





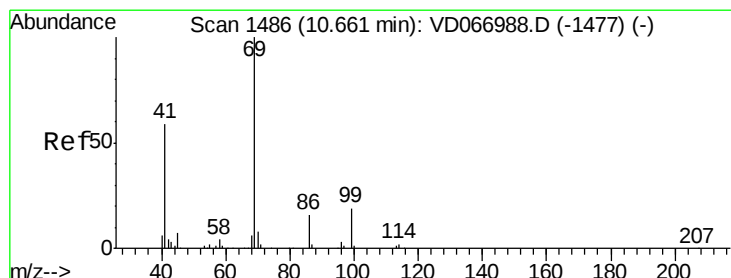
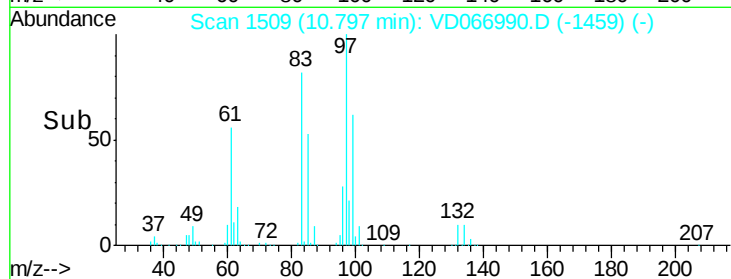
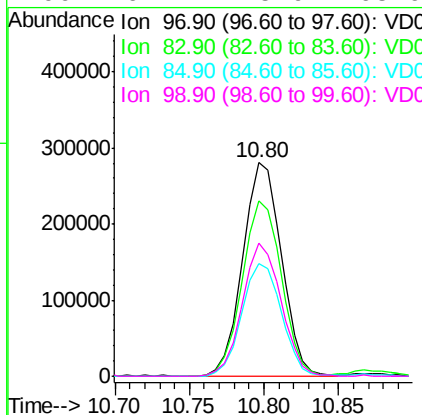
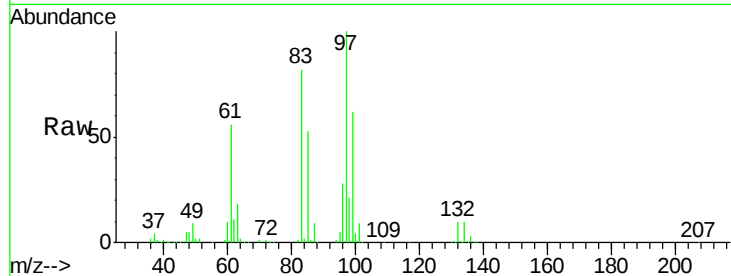
#55
 1,1,2-Trichloroethane
 Concen: 133.901 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	505946
Ion	Ratio	Lower	Upper
97	100		
83	82.0	62.4	93.6
85	52.7	41.0	61.4
99	62.1	45.9	68.9

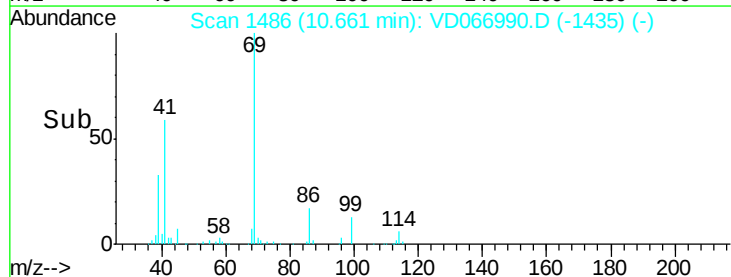
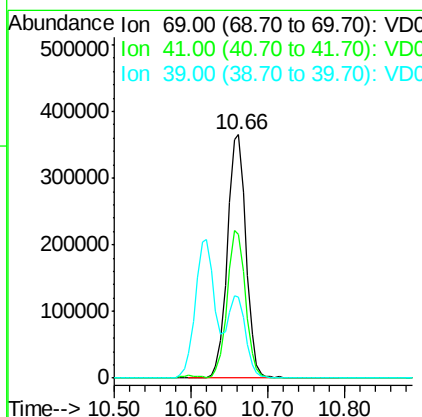
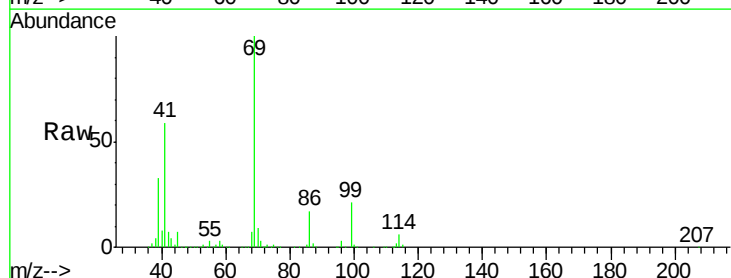
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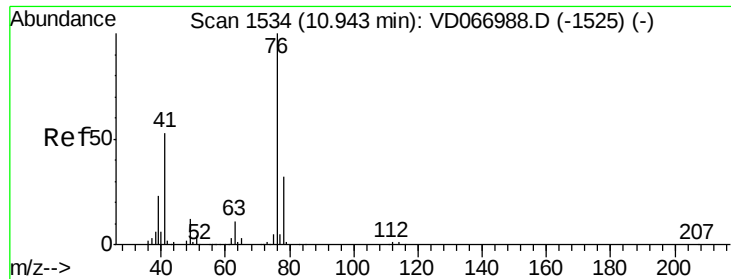
MMDadoda
 10/2/2020 3:13:25 PM



#56
 Ethyl methacrylate
 Concen: 158.033 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion:	69	Resp:	616498
Ion	Ratio	Lower	Upper
69	100		
41	59.8	46.4	69.6
39	33.7	23.8	35.6





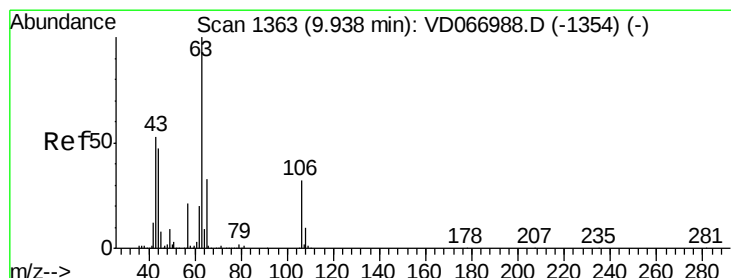
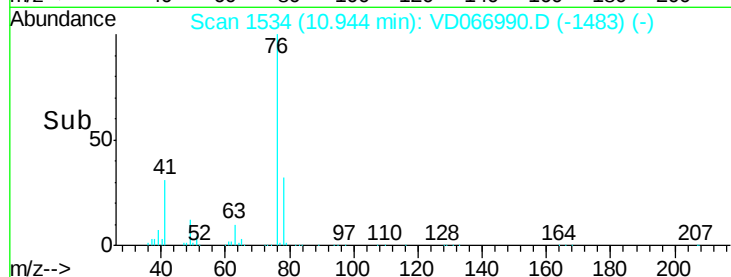
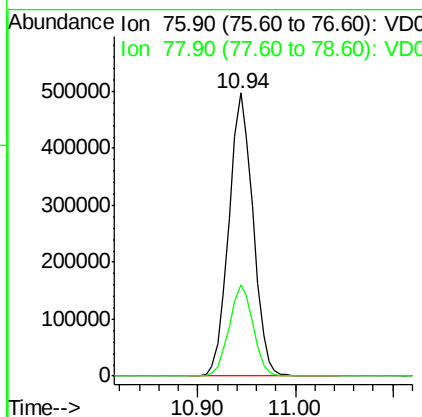
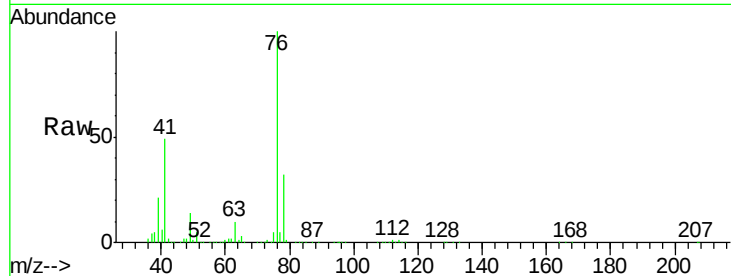
#57
 1,3-Dichloropropane
 Concen: 139.653 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 855695
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

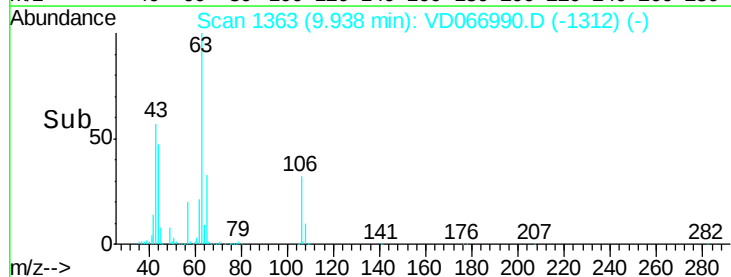
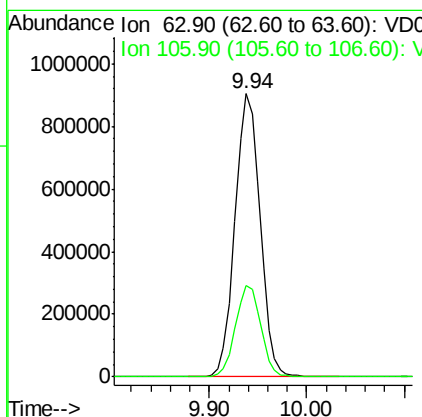
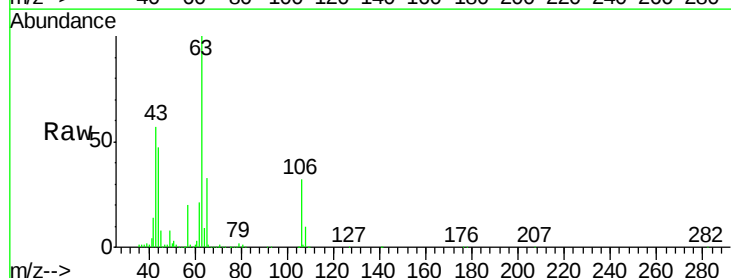
Manual Integrations
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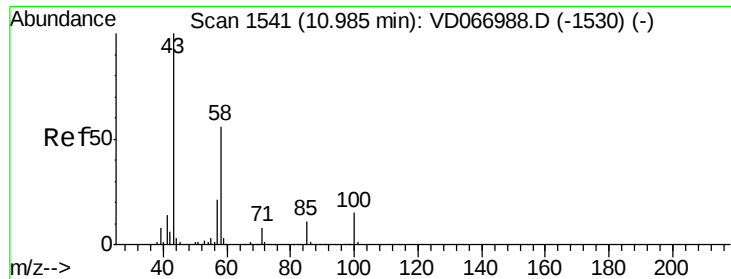
MMDadoda
 10/2/2020 3:13:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 746.472 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion: 63 Resp: 1620800
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.3 37.9





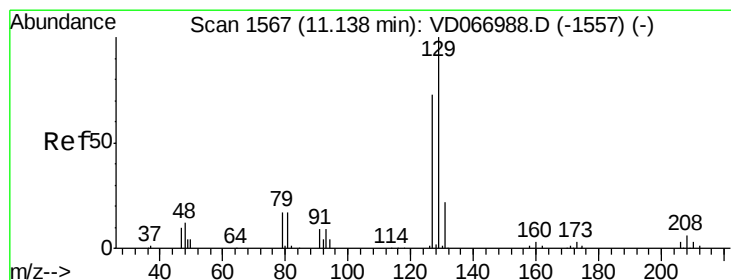
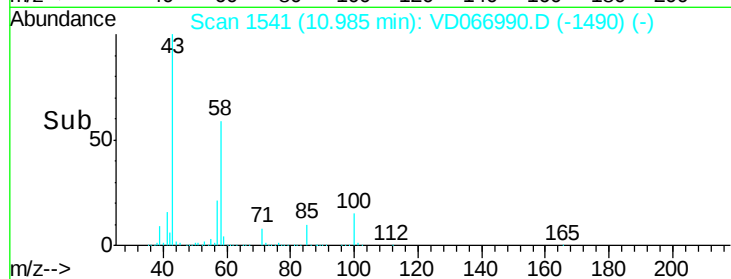
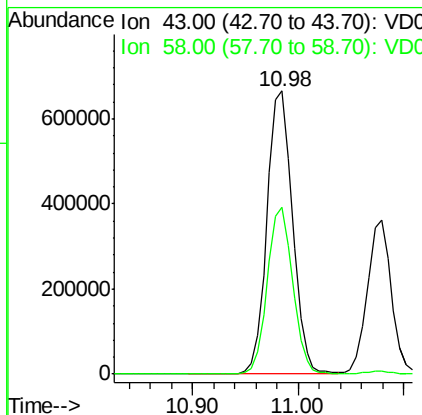
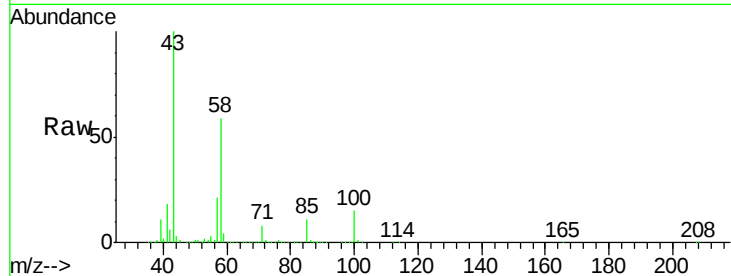
#59
2-Hexanone
Concen: 726.996 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1117596
Ion Ratio Lower Upper
43 100
58 58.5 28.3 84.9

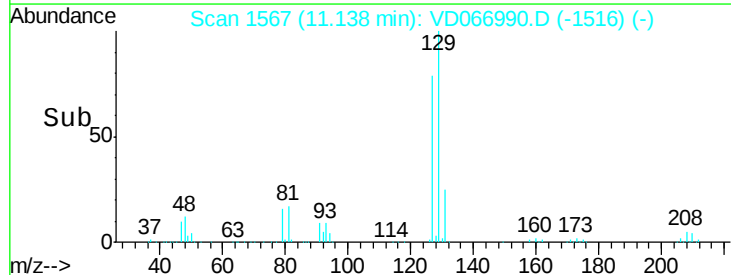
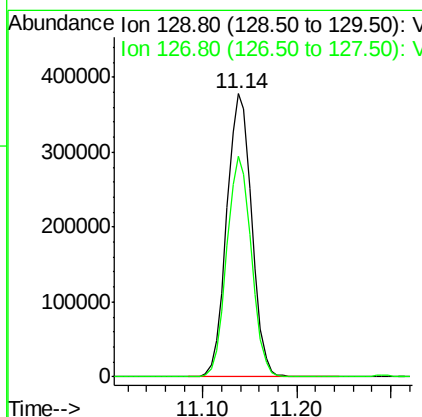
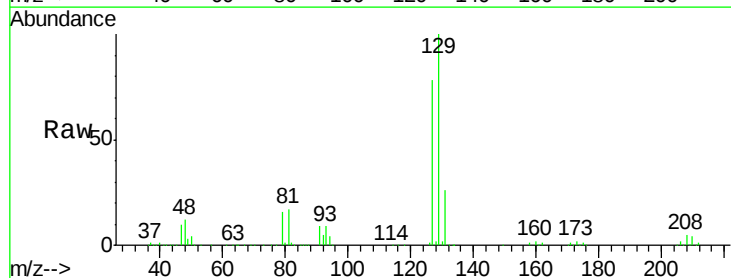
Manual Integrations
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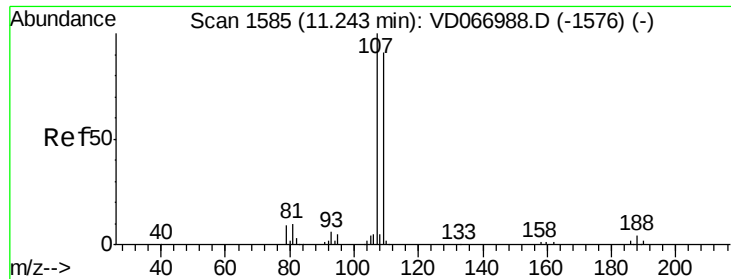
MMDadoda
10/2/2020 3:13:25 PM



#60
Dibromochloromethane
Concen: 138.094 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 129 Resp: 695457
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.1





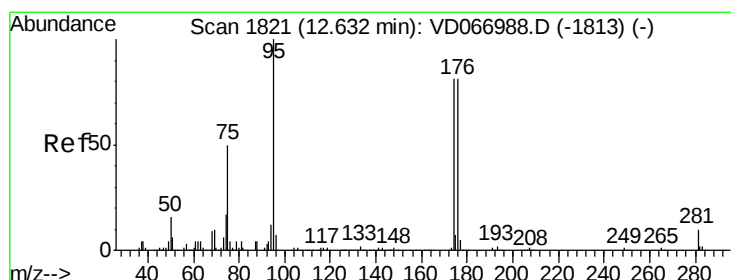
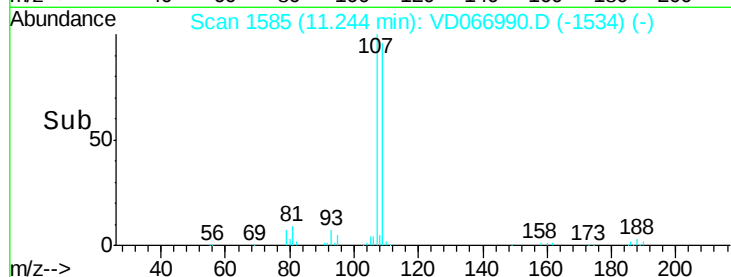
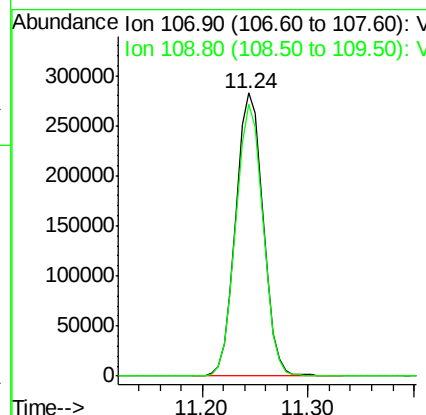
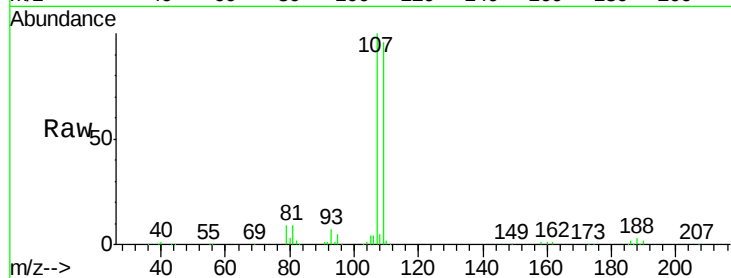
#61
 1,2-Dibromoethane
 Concen: 139.483 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 107 Resp: 506338
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.0 111.0

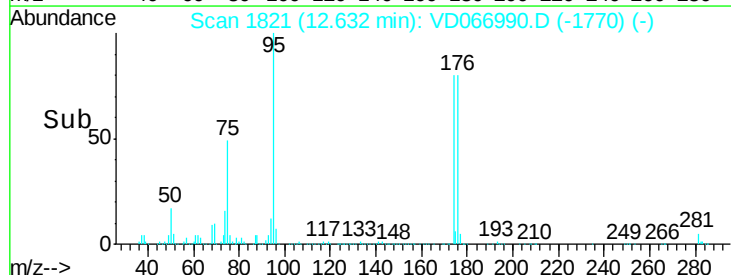
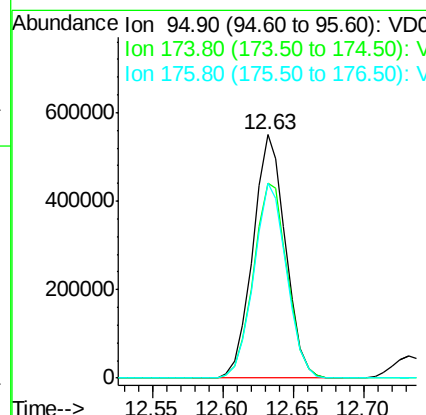
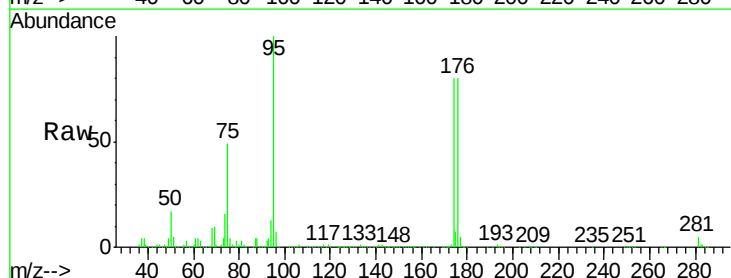
Manual Integrations
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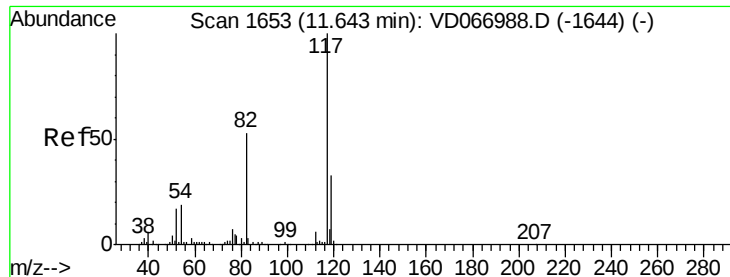
MMDadoda
 10/2/2020 3:13:25 PM



#62
 4-Bromofluorobenzene
 Concen: 141.631 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion: 95 Resp: 891594
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 167.6
 176 80.6 0.0 162.4





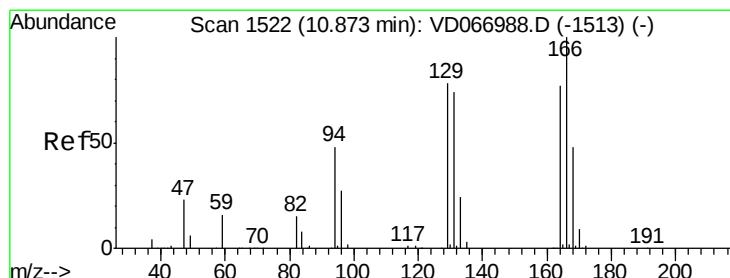
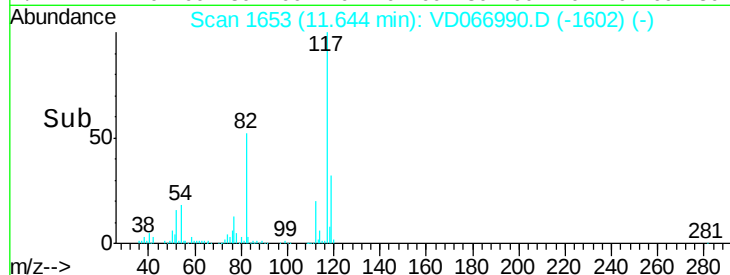
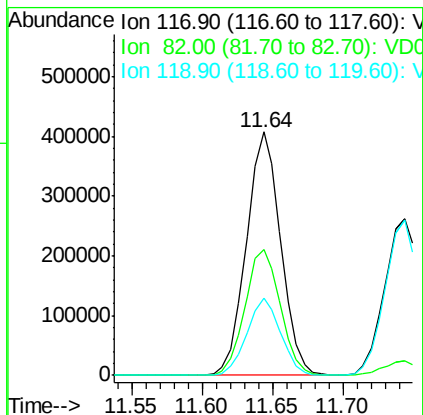
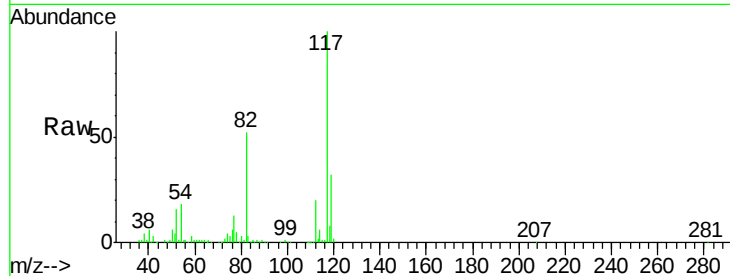
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.6	63.8
119	32.0	26.3	39.5

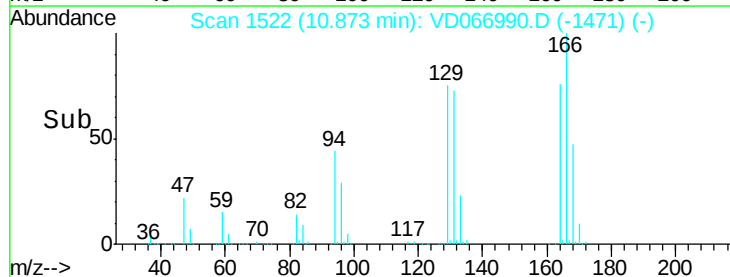
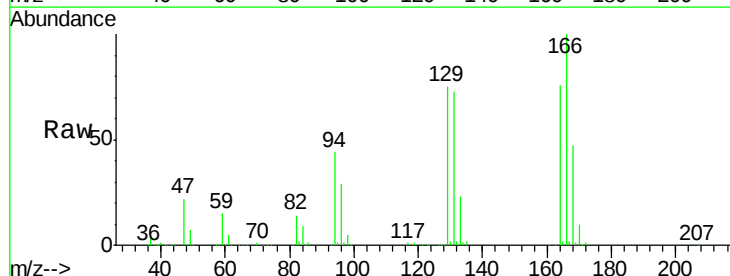
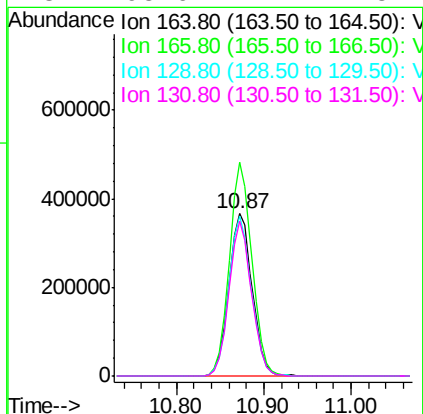
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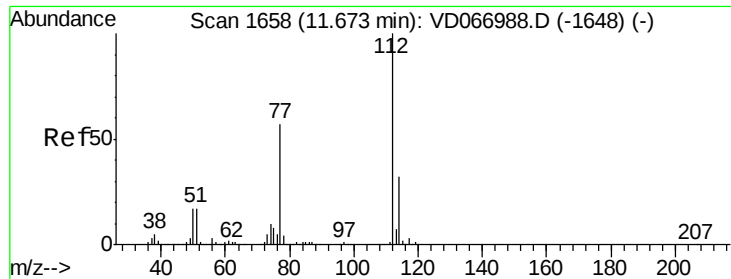
MMDadoda
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#64
Tetrachloroethene
Concen: 131.664 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.7	104.4	156.6
129	98.7	81.3	121.9
131	95.6	77.1	115.7





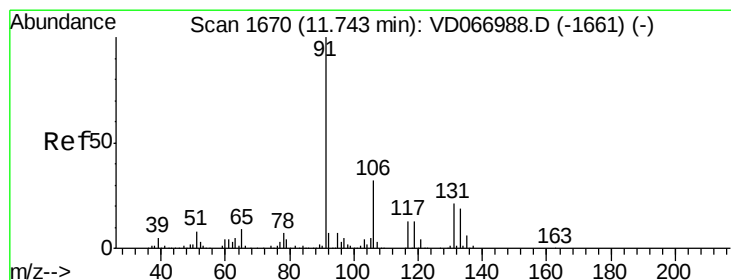
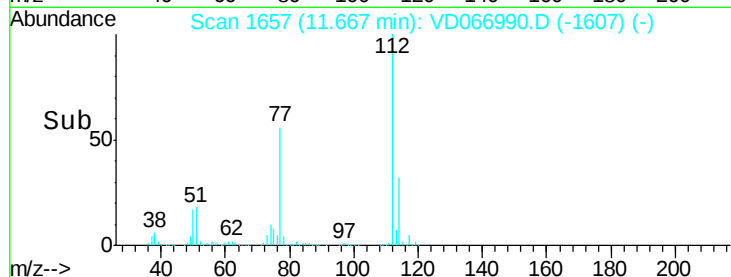
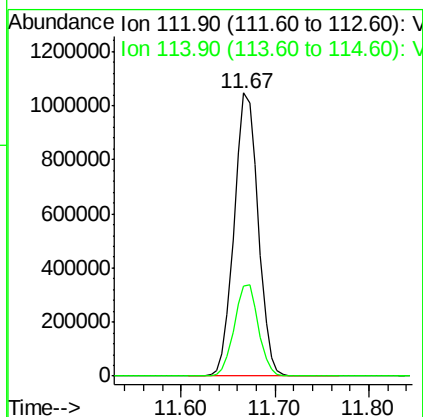
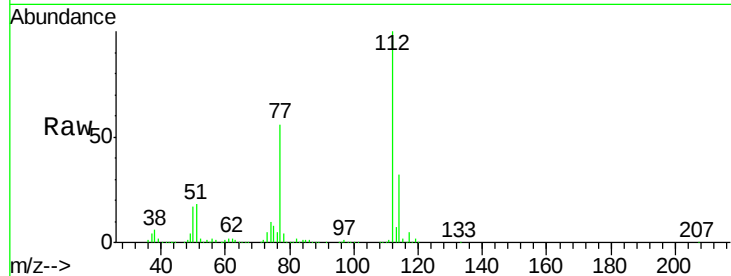
#65
Chlorobenzene
Concen: 134.421 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1858177
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

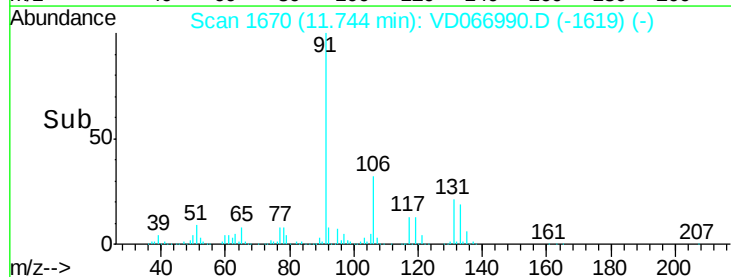
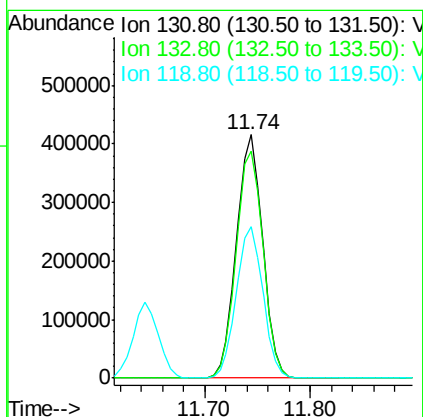
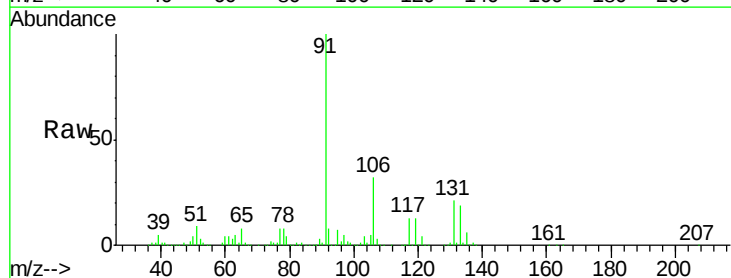
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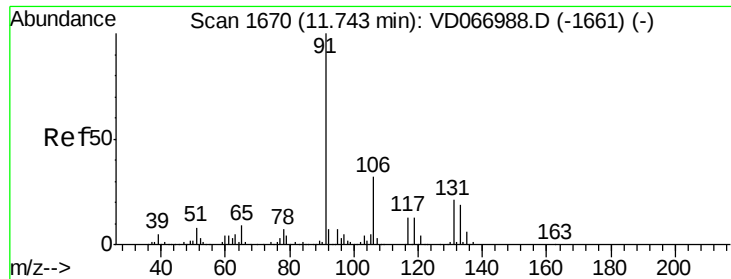
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#66
1,1,1,2-Tetrachloroethane
Concen: 135.963 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion:131 Resp: 714932
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 63.5 32.3 96.8





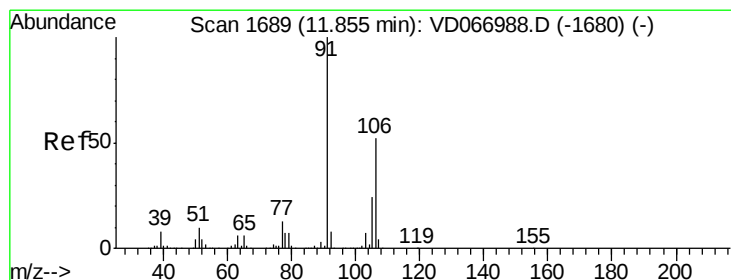
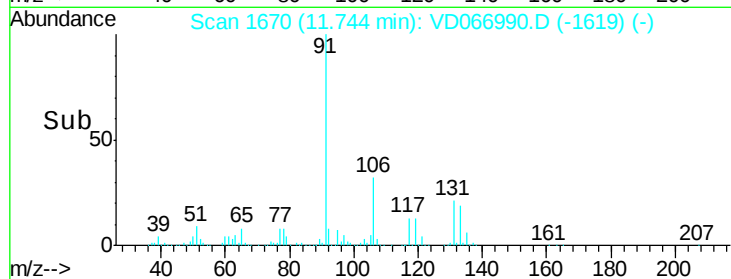
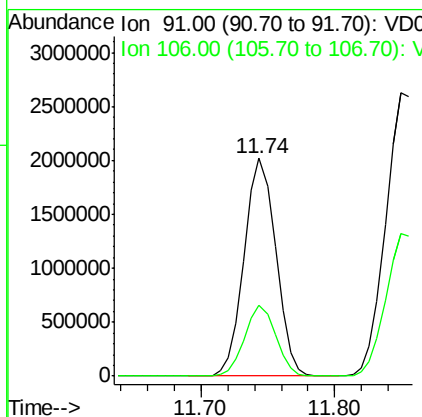
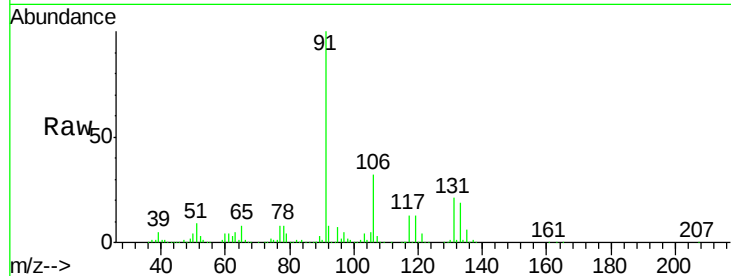
#67
Ethyl Benzene
Concen: 140.438 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3326334
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

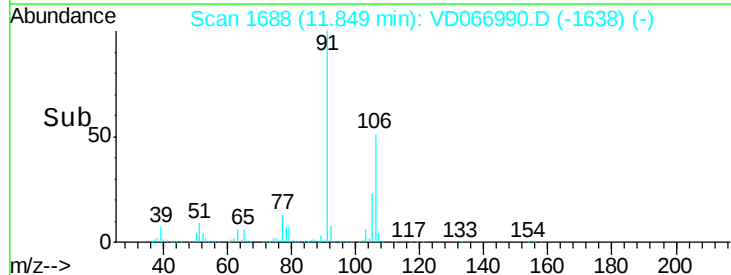
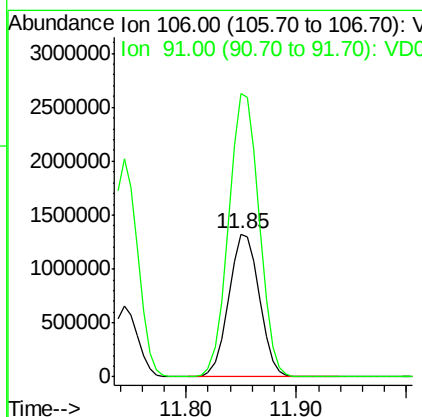
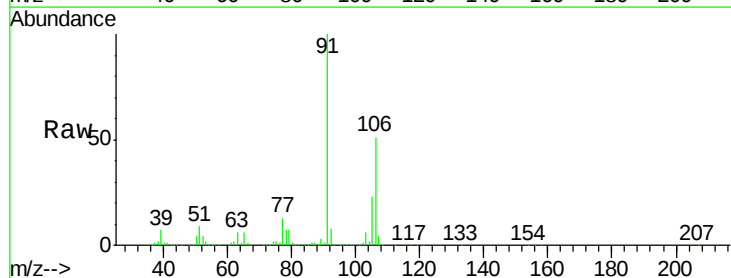
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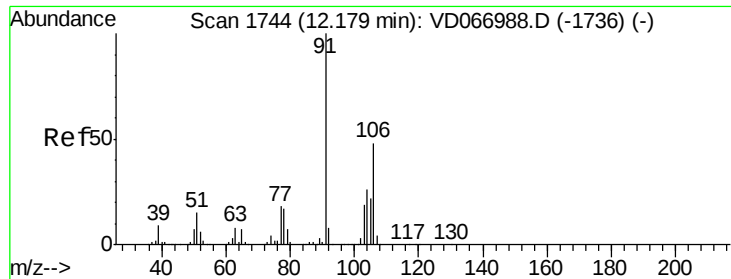
MMDadoda
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#68
m/p-Xylenes
Concen: 278.960 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 106 Resp: 2574951
Ion Ratio Lower Upper
106 100
91 197.9 158.4 237.6





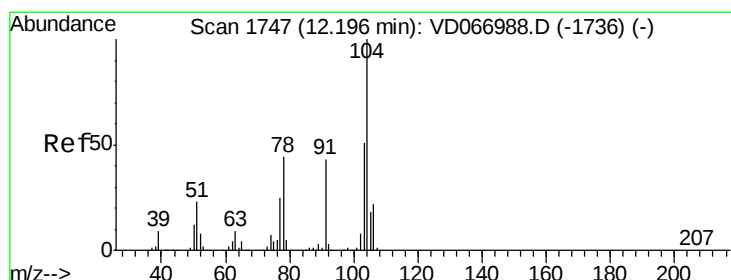
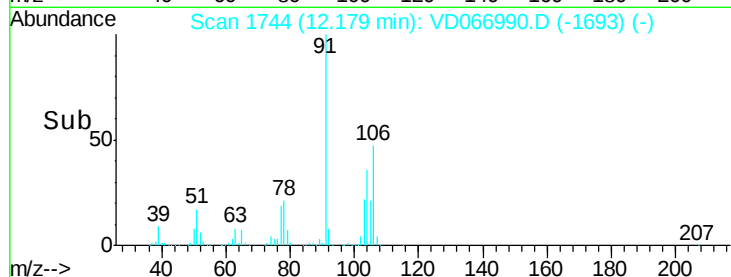
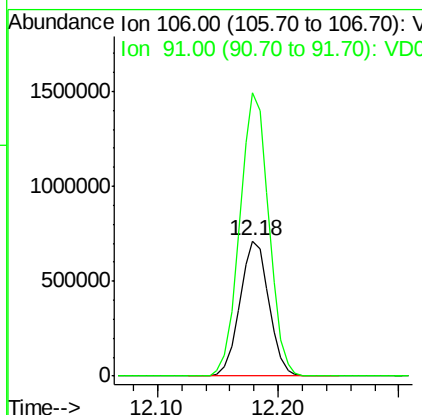
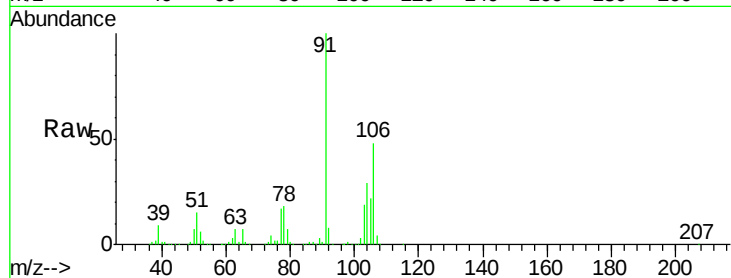
#69
o-Xylene
Concen: 144.293 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1191056
Ion Ratio Lower Upper
106 100
91 209.4 102.4 307.2

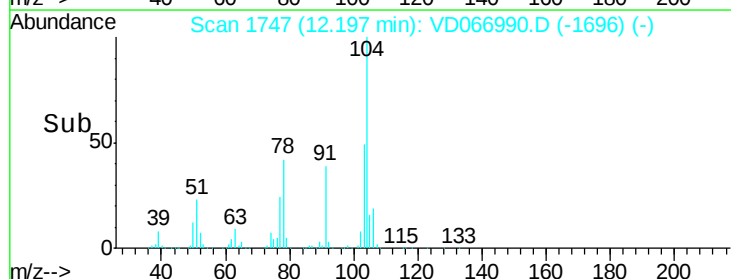
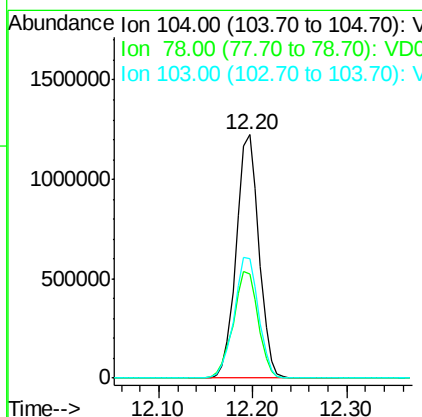
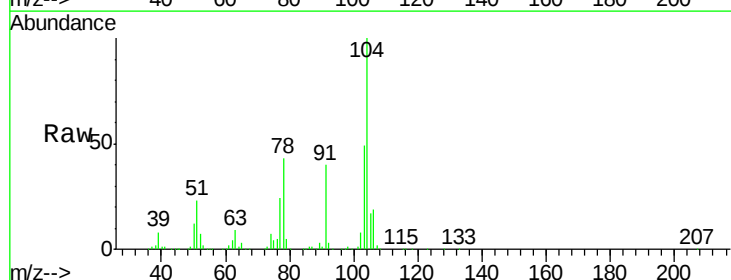
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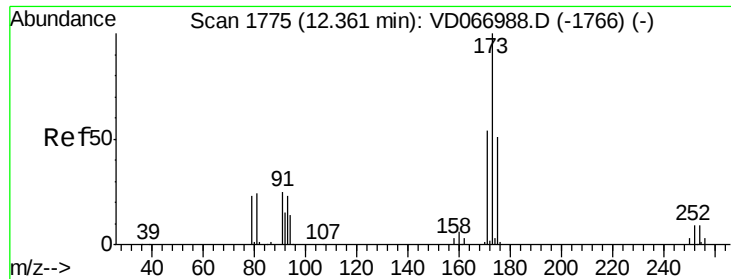
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#70
Styrene
Concen: 144.964 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion:104 Resp: 2054728
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 53.4 43.4 65.0





#71

Bromoform

Concen: 141.027 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

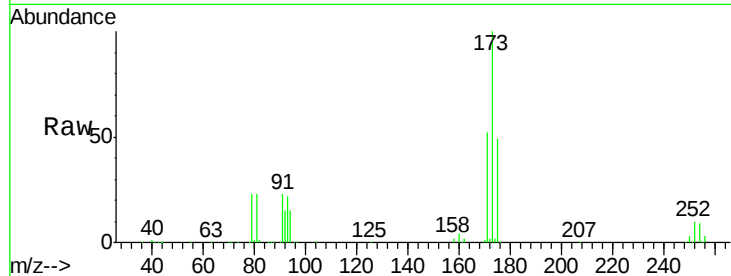
ClientSampleId :

VSTDIC150

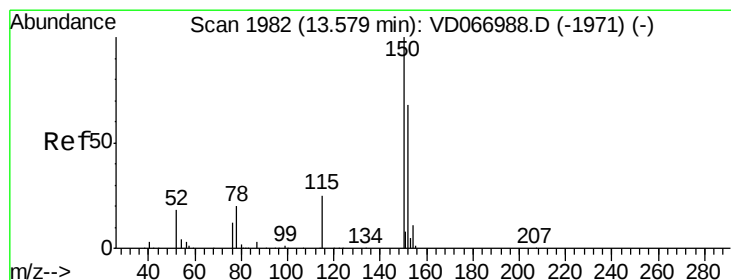
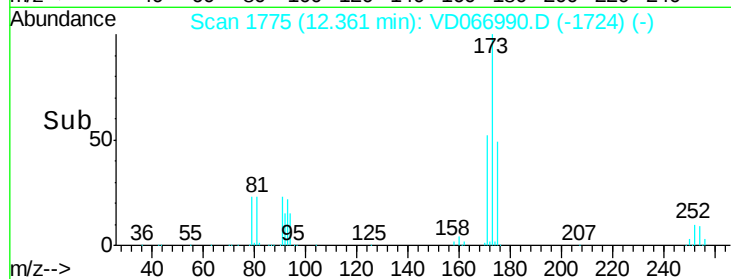
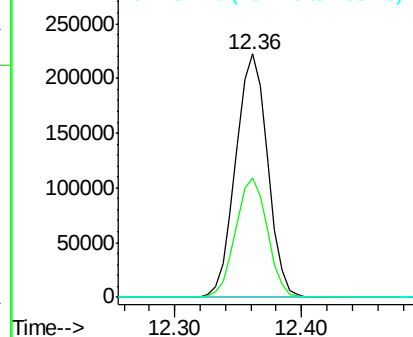
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.7
254	0.1	0.2	0.4

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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

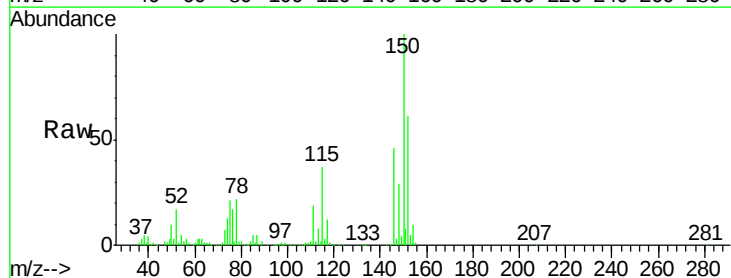
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

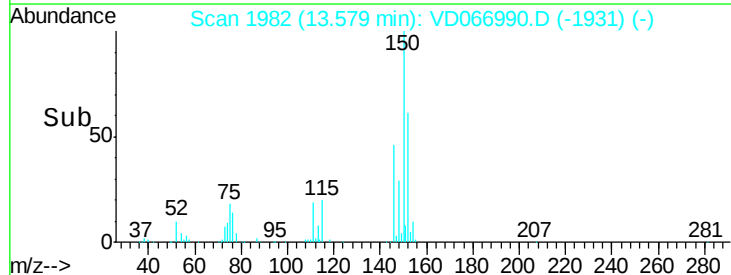
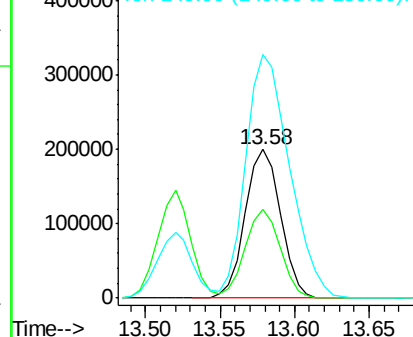
Lab File: VD066990.D

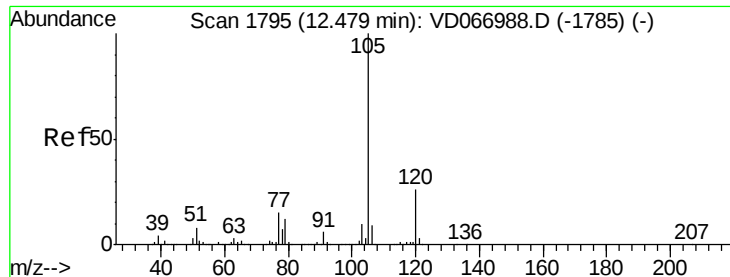
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.8
150	201.9	0.0	344.8



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





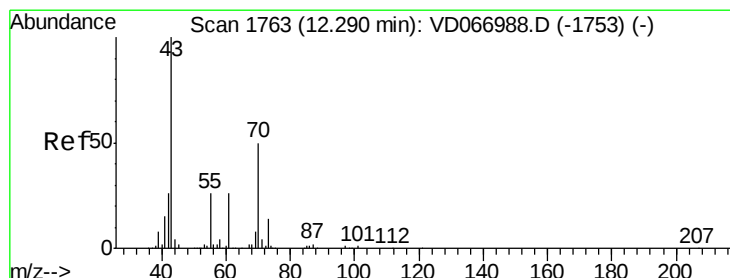
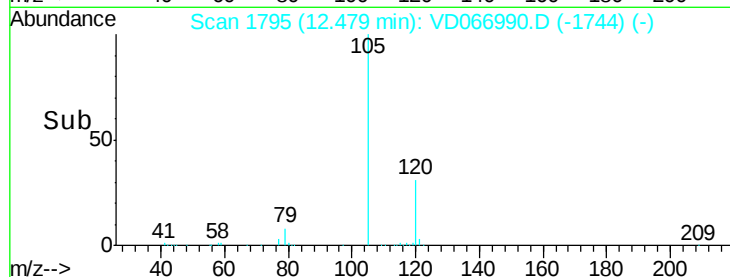
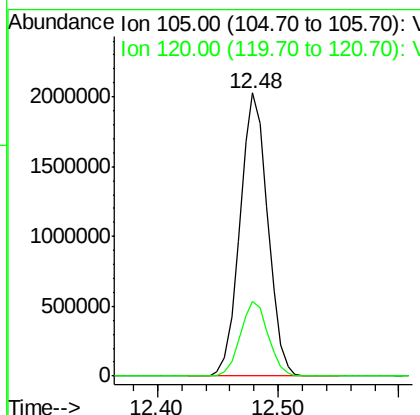
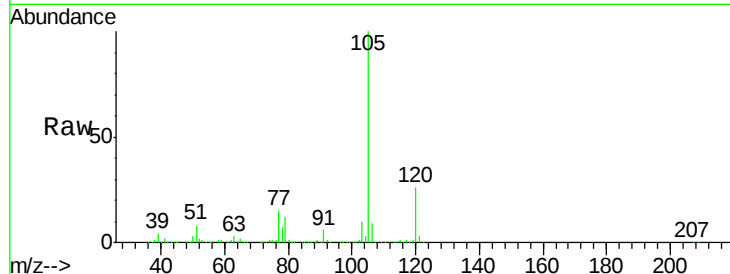
#73
Isopropylbenzene
Concen: 145.999 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 3253382
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

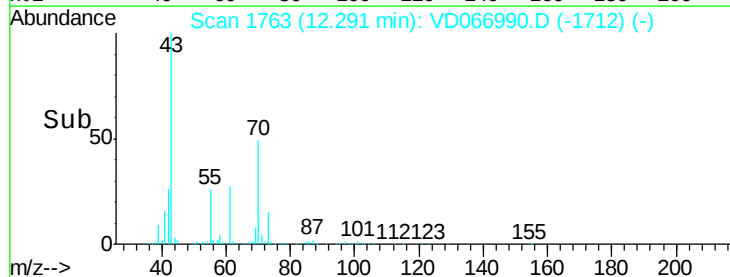
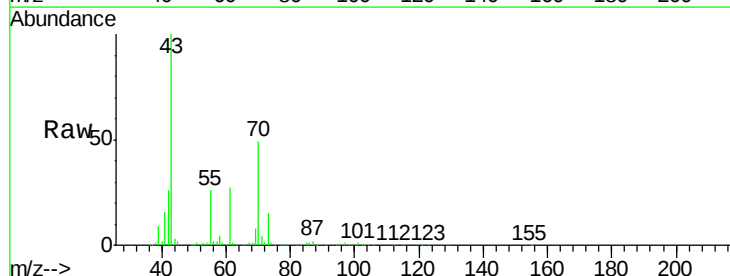
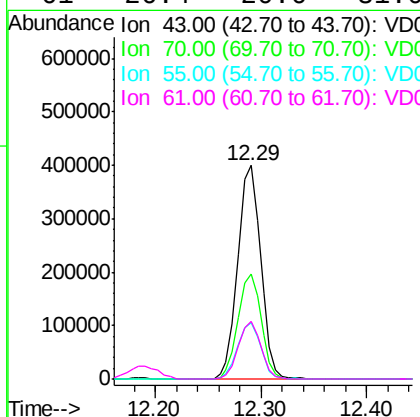
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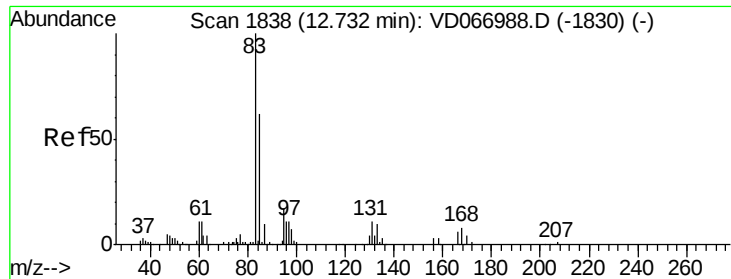
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#74
N-ethyl acetate
Concen: 149.607 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 43 Resp: 599305
Ion Ratio Lower Upper
43 100
70 49.8 38.2 57.2
55 26.8 22.4 33.6
61 26.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 138.364 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

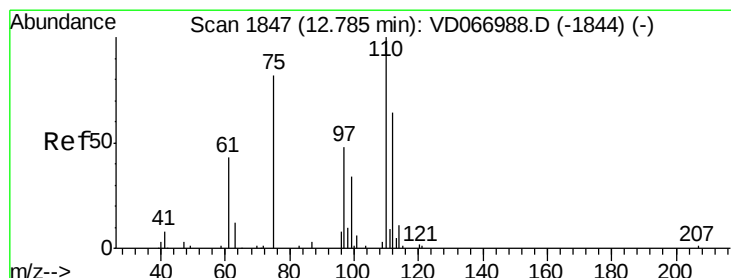
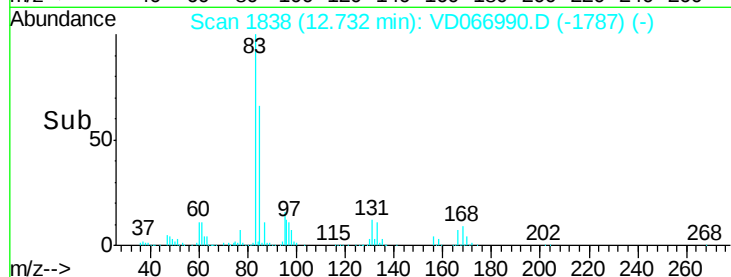
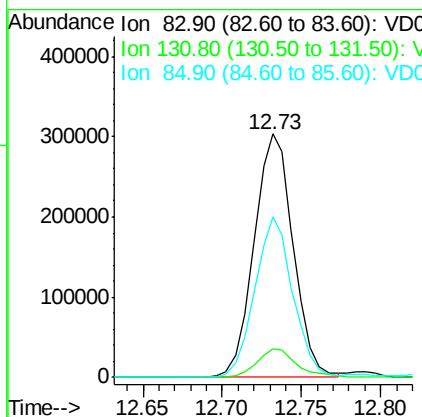
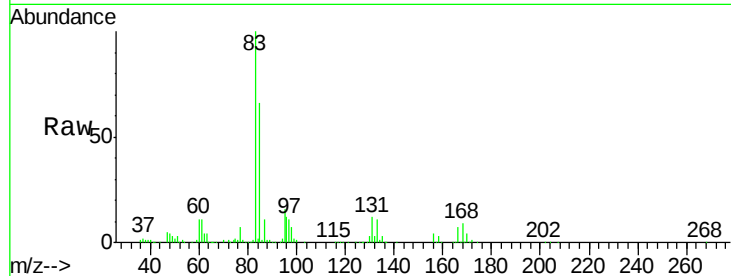
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	519485
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.7	17.0
85	63.9	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 149.483 ug/l m

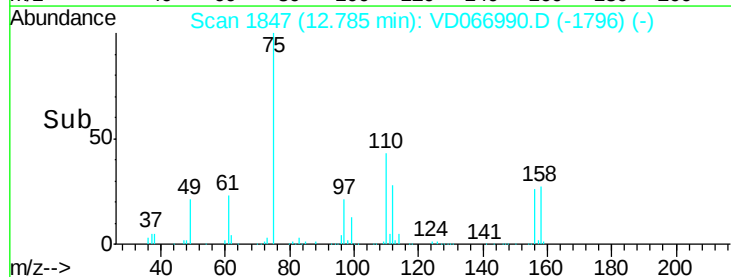
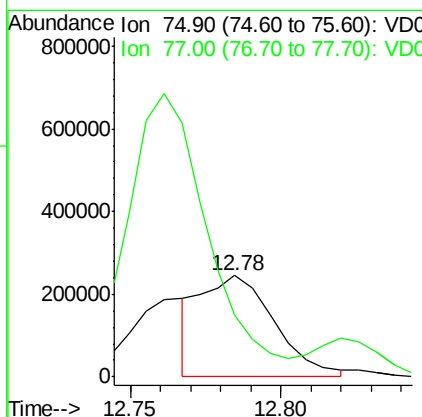
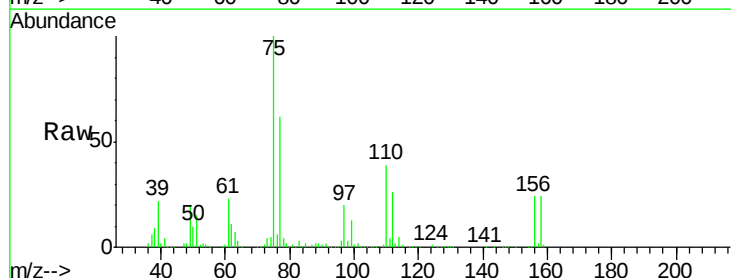
RT: 12.78 min Scan# 1847

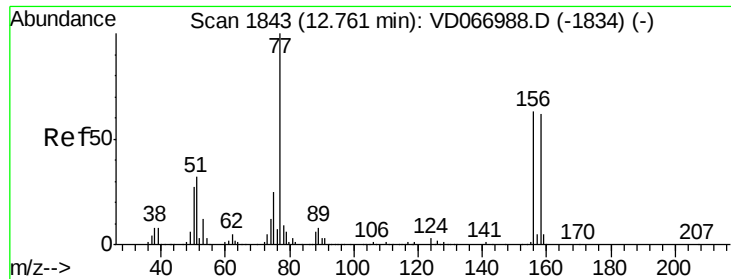
Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion:	75	Resp:	418142
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 140.078 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

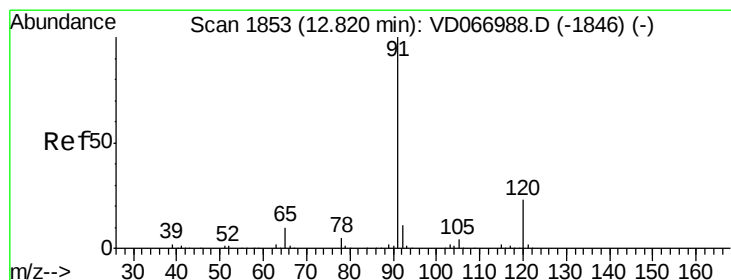
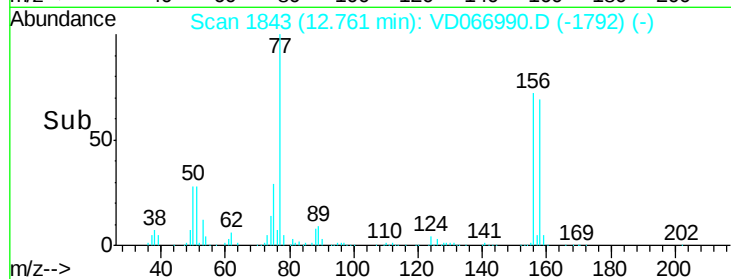
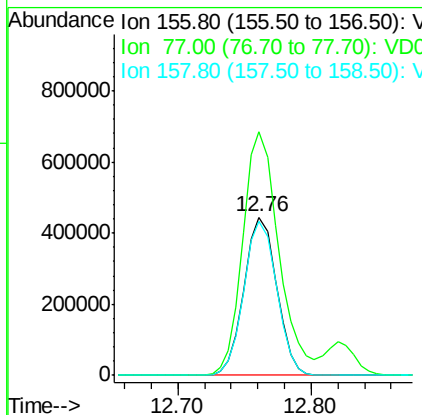
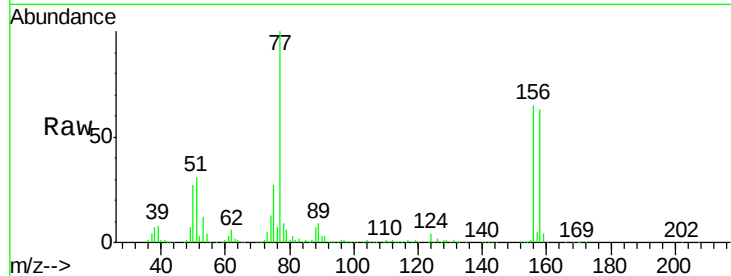
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.1	86.3	258.8
158	97.9	49.5	148.3

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#78

n-propylbenzene

Concen: 141.946 ug/l

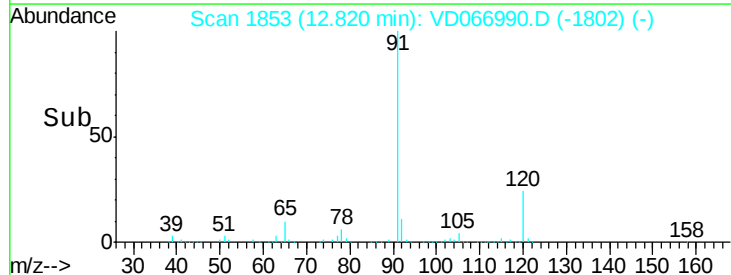
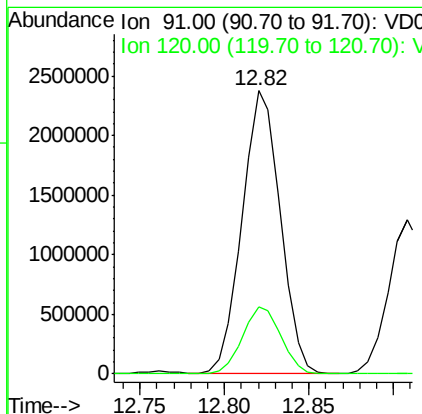
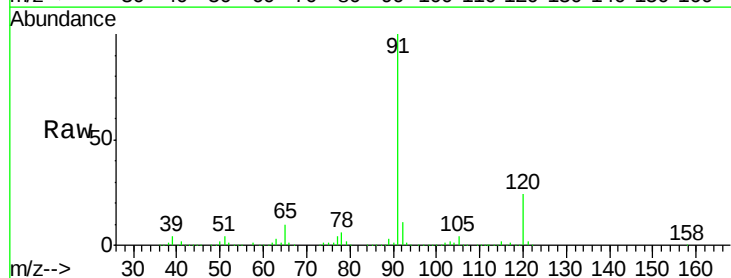
RT: 12.82 min Scan# 1853

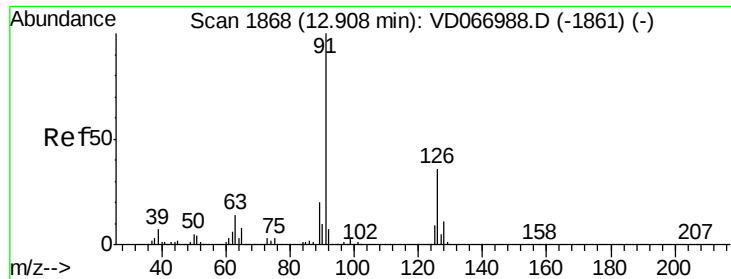
Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.6	34.8





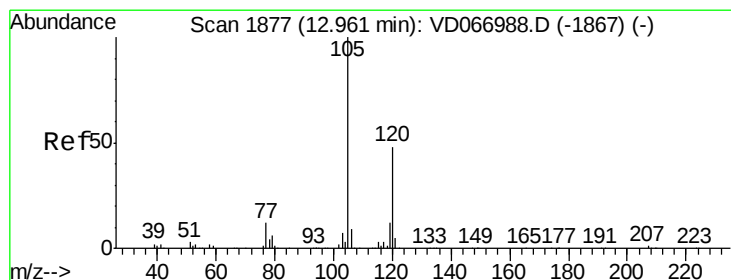
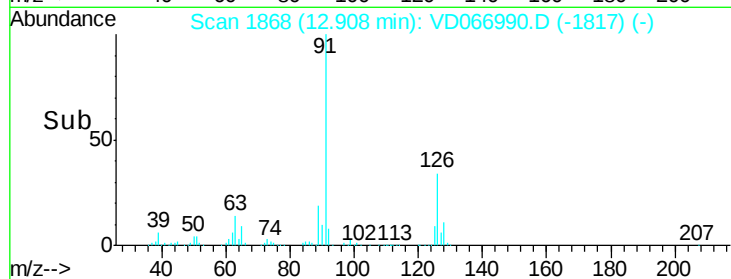
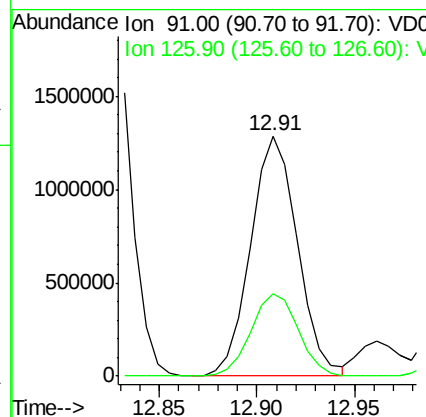
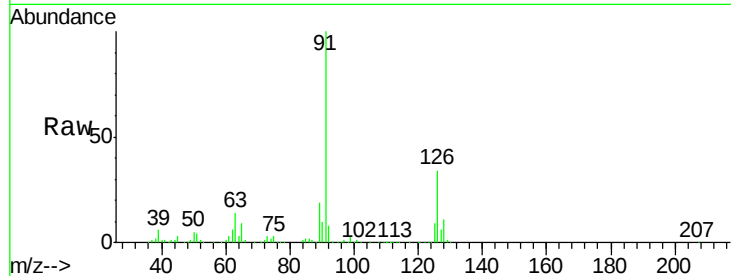
#79
2-Chlorotoluene
Concen: 141.420 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2130868
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6

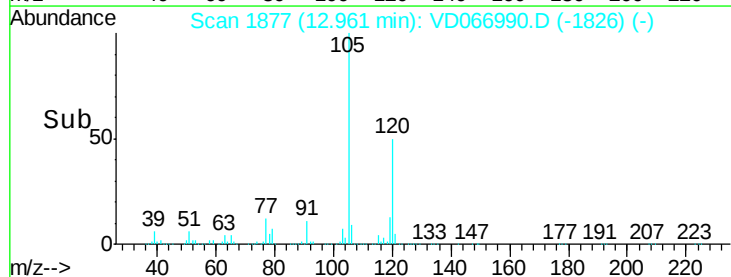
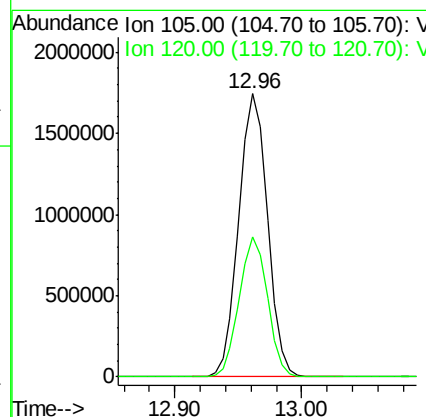
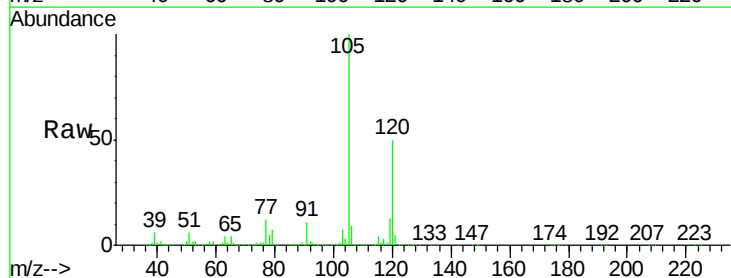
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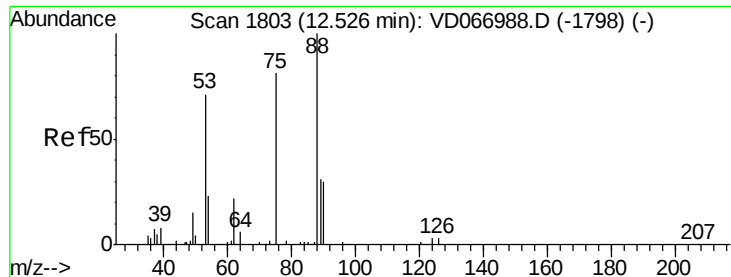
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 144.777 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 105 Resp: 2725716
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 147.552 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

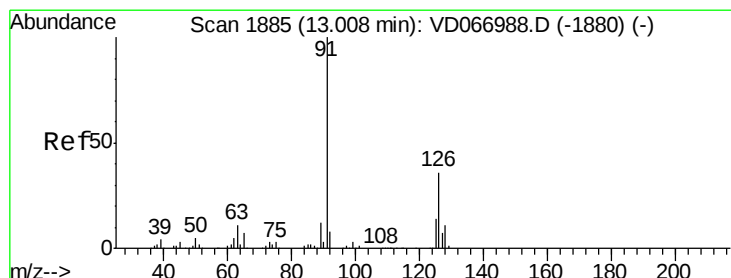
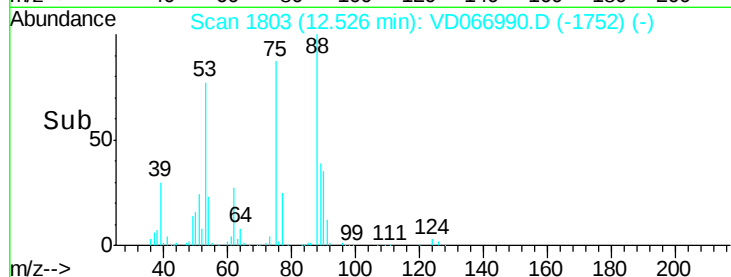
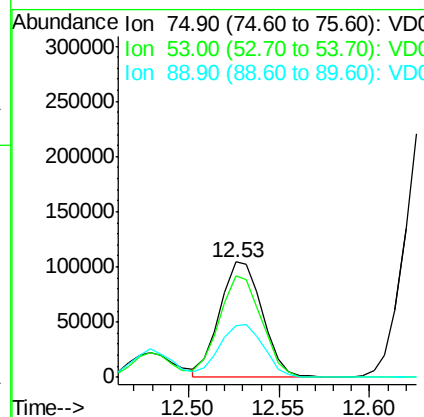
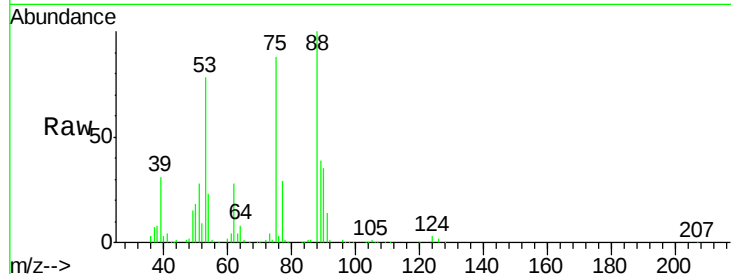
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	169177
Ion	Ratio	Lower	Upper
75	100		
53	89.0	73.8	110.6
89	47.6	38.9	58.3

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#82

4-Chlorotoluene

Concen: 138.177 ug/l

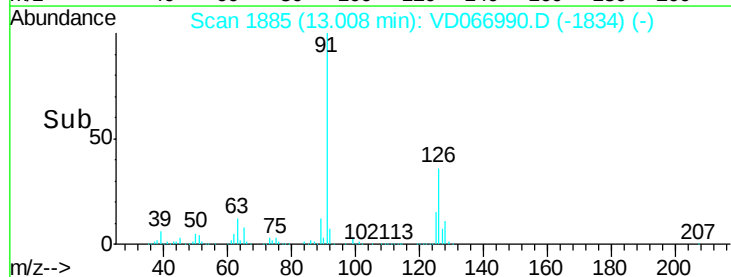
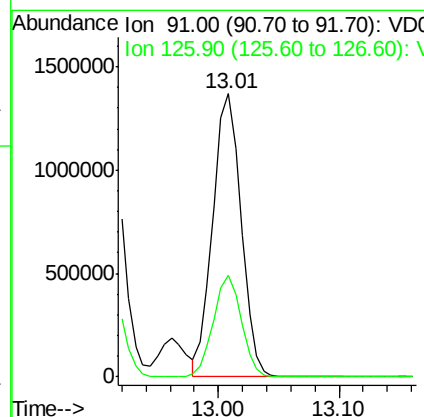
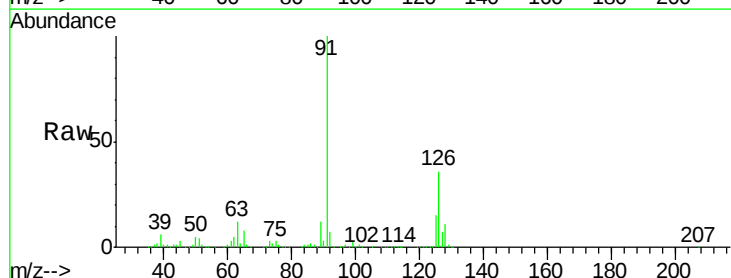
RT: 13.01 min Scan# 1885

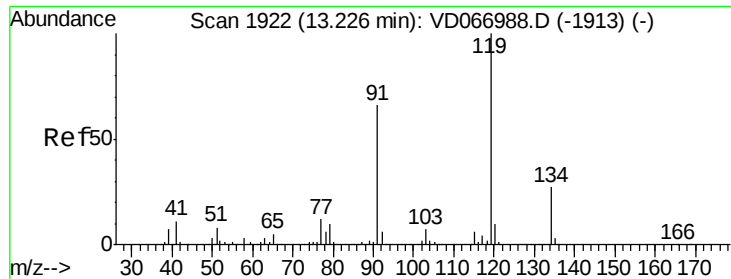
Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Tgt Ion:	91	Resp:	2215140
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.5	52.5





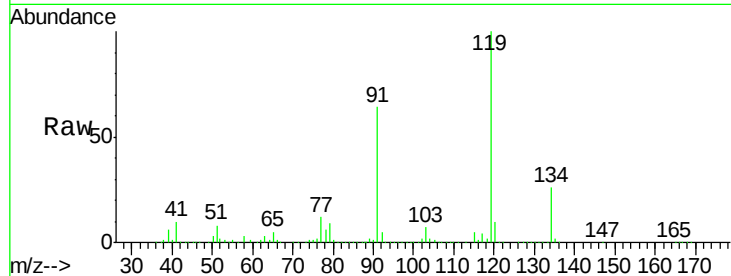
#83
tert-Butylbenzene
Concen: 146.700 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

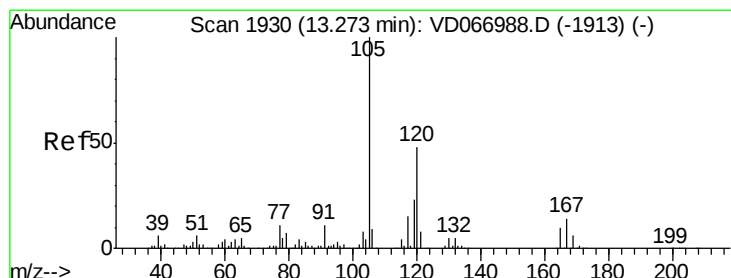
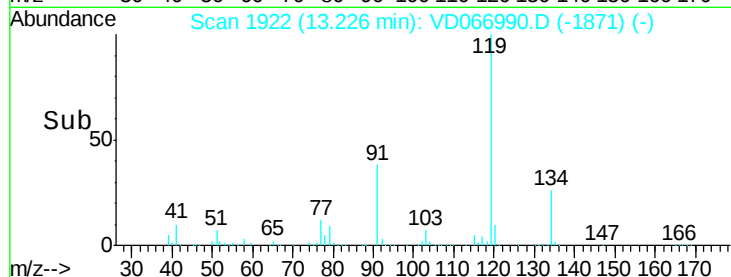
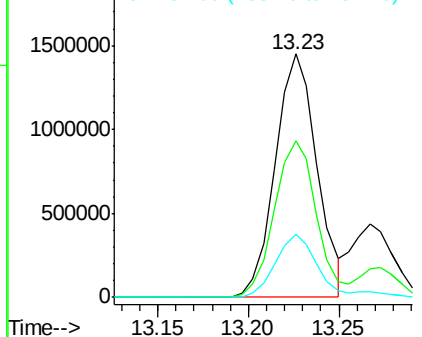
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.8	98.3
134	27.2	13.9	41.7

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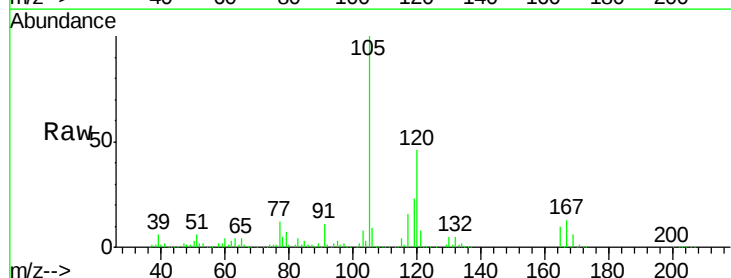


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

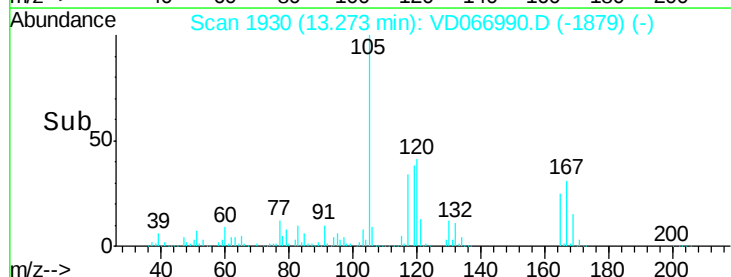
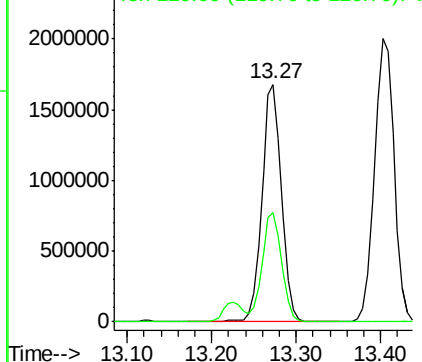


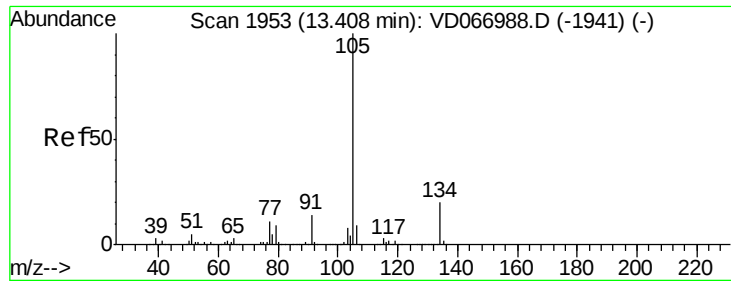
#84
1,2,4-Trimethylbenzene
Concen: 144.217 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





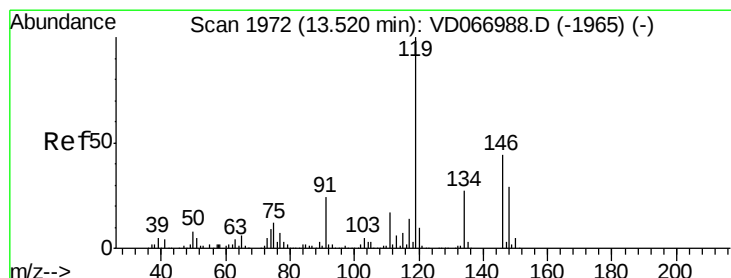
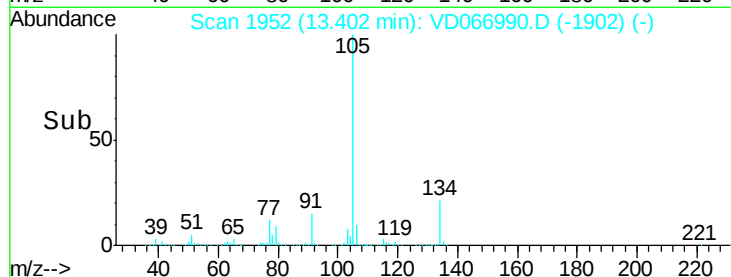
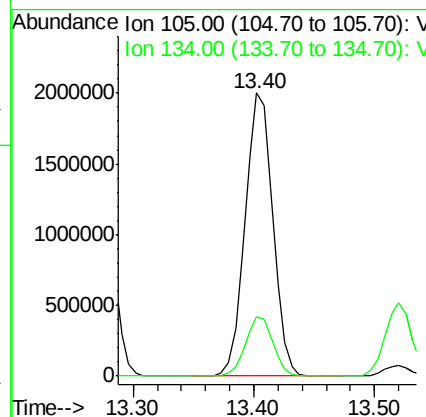
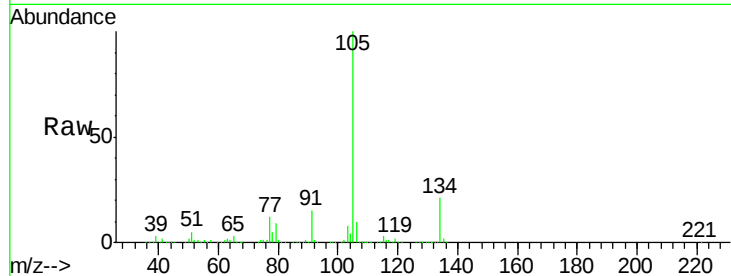
#85
 sec-Butylbenzene
 Concen: 143.788 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 3210317
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8

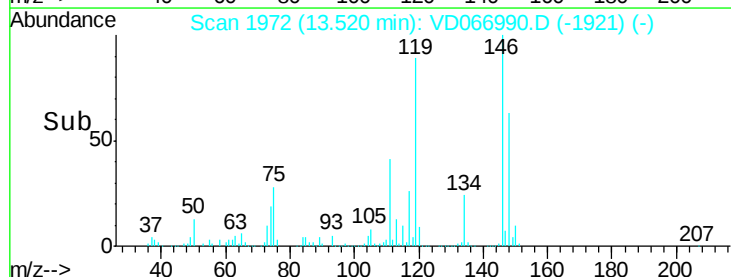
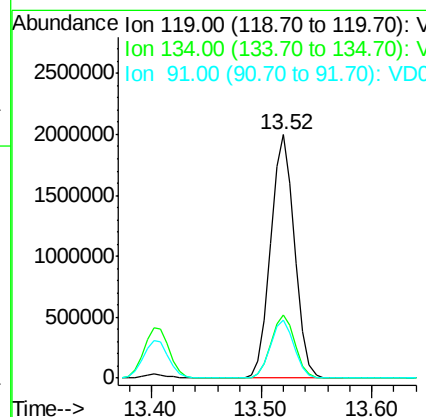
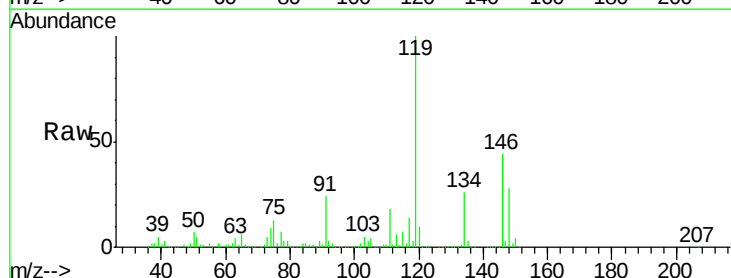
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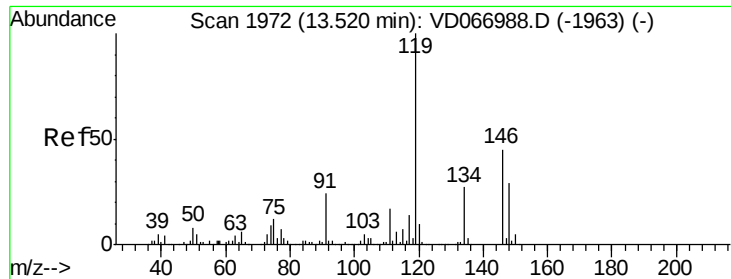
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#86
 p-Isopropyltoluene
 Concen: 146.159 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion:119 Resp: 3025384
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 137.243 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1438383

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

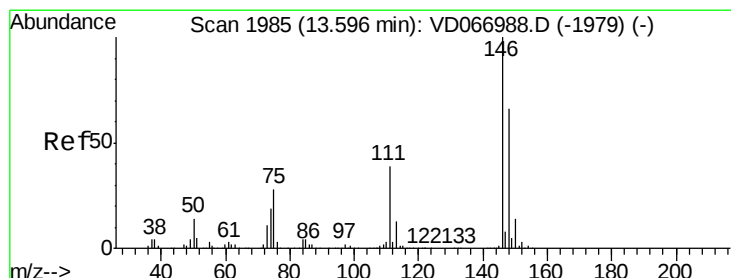
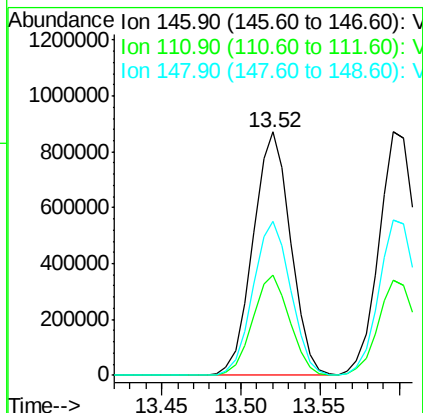
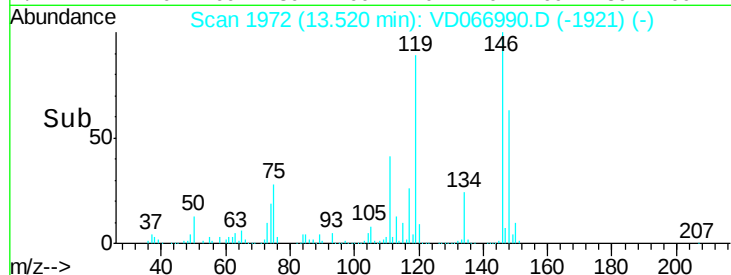
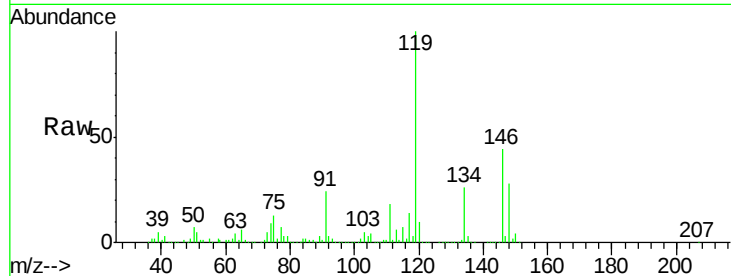
148 63.6 31.9 95.9

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#88

1,4-Dichlorobenzene

Concen: 136.243 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

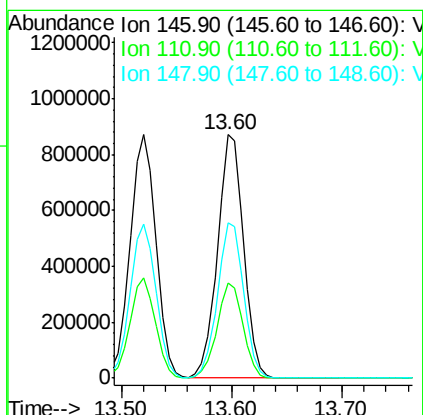
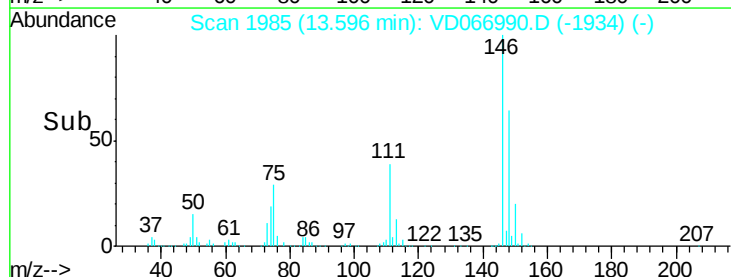
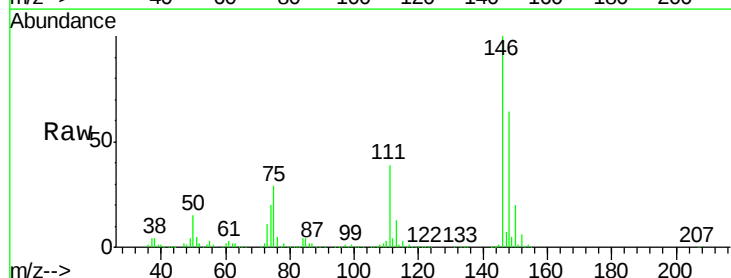
Tgt Ion:146 Resp: 1427754

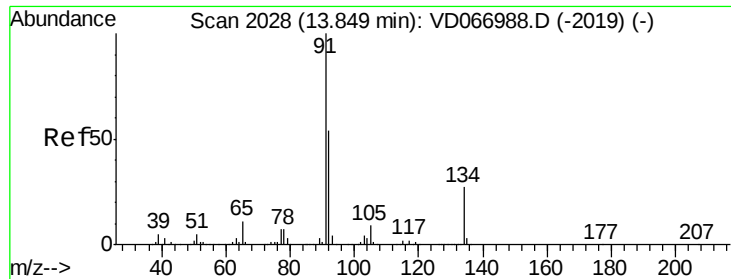
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.9 32.6 97.7





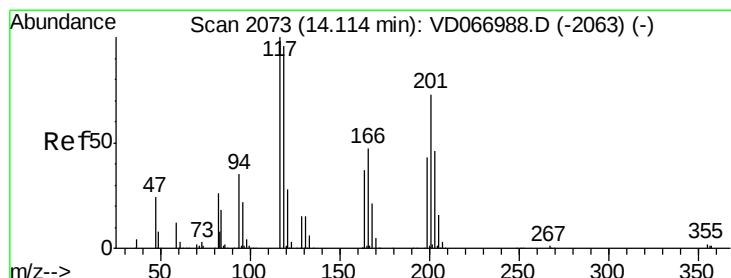
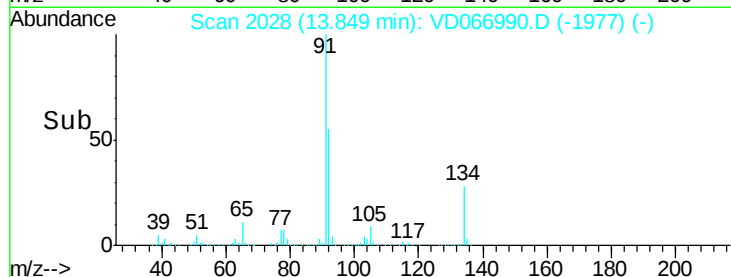
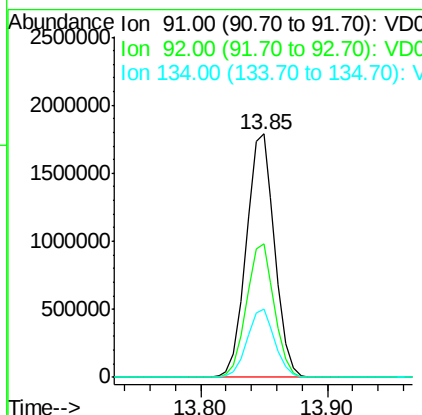
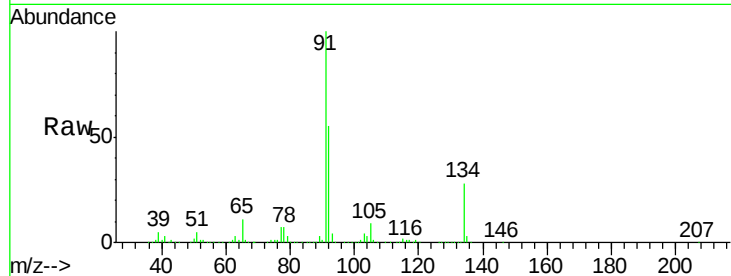
#89
n-Butylbenzene
Concen: 145.767 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2757543
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 27.4 13.6 40.8

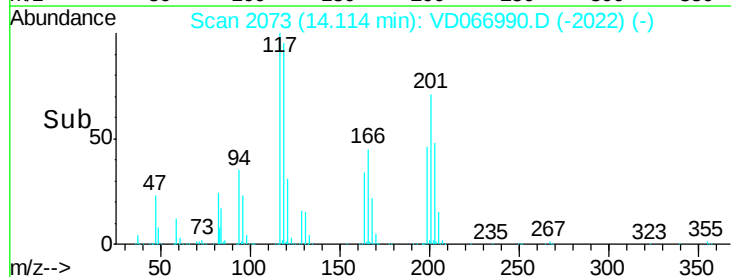
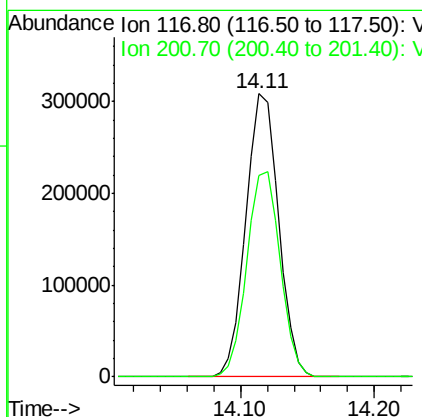
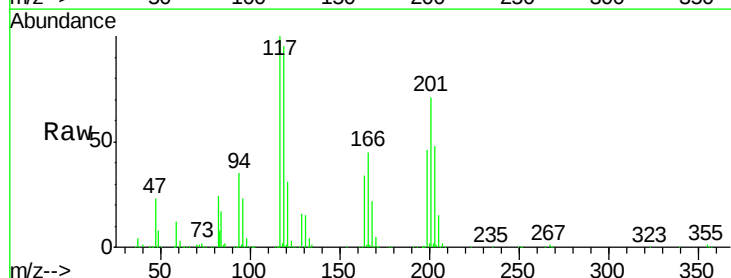
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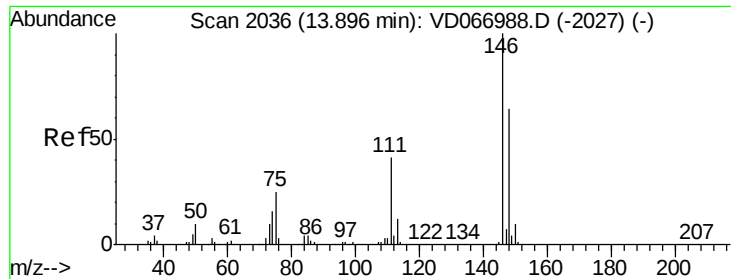
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#90
Hexachloroethane
Concen: 144.398 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066990.D
Acq: 01 Oct 2020 13:41

Tgt Ion: 117 Resp: 523563
Ion Ratio Lower Upper
117 100
201 73.9 37.0 110.9





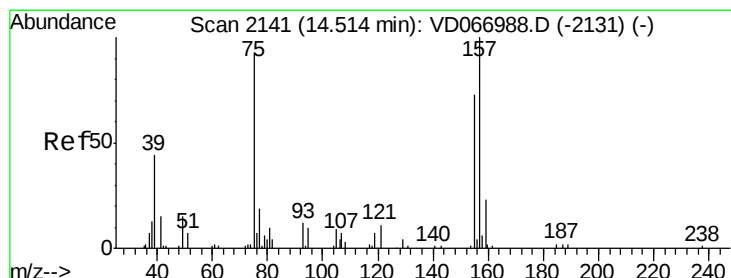
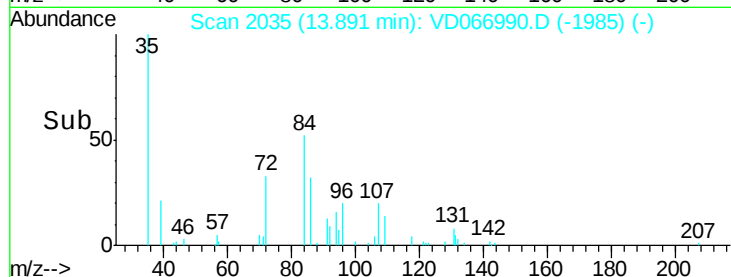
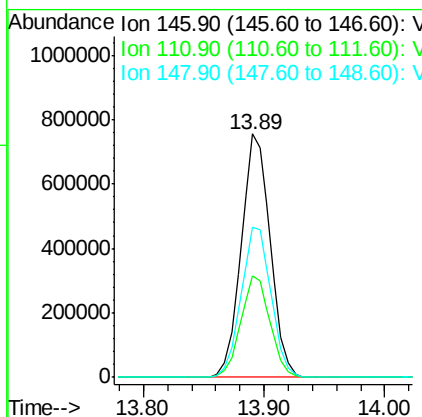
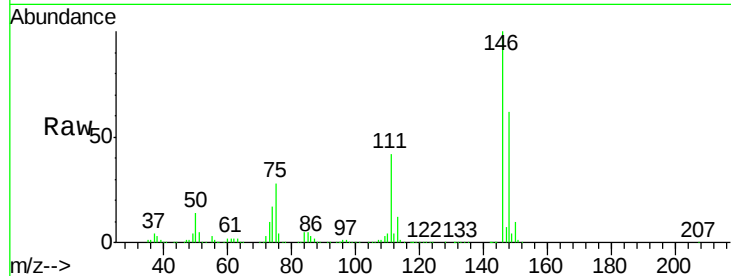
#91
 1,2-Dichlorobenzene
 Concen: 138.181 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1264784
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.7
 148 63.4 32.3 96.9

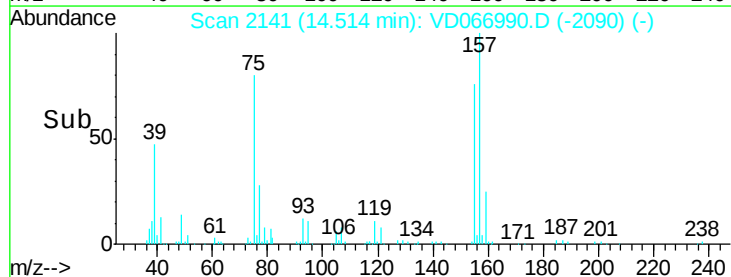
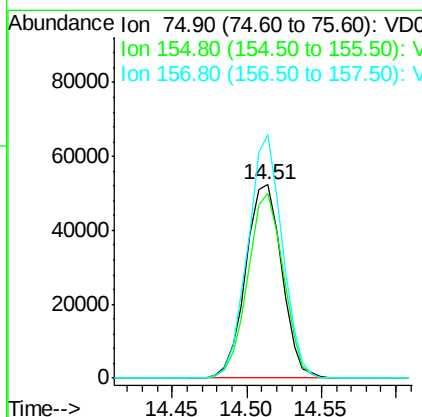
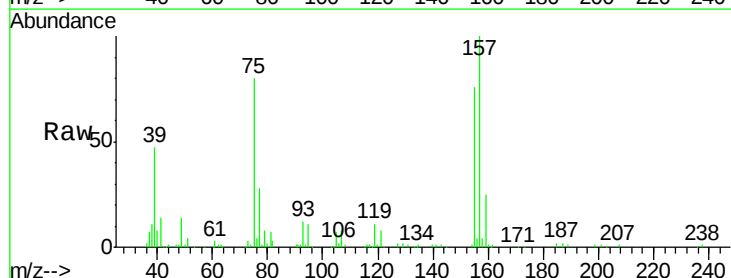
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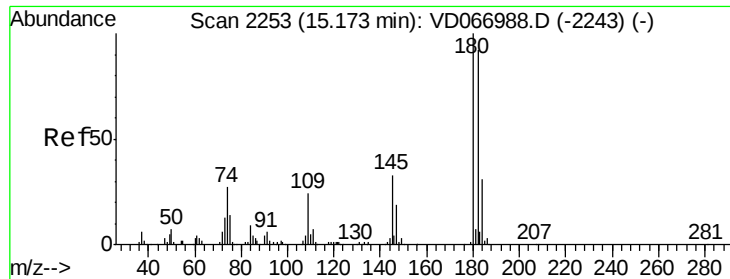
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 145.497 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion: 75 Resp: 88057
 Ion Ratio Lower Upper
 75 100
 155 93.5 45.2 135.6
 157 119.1 56.3 168.8





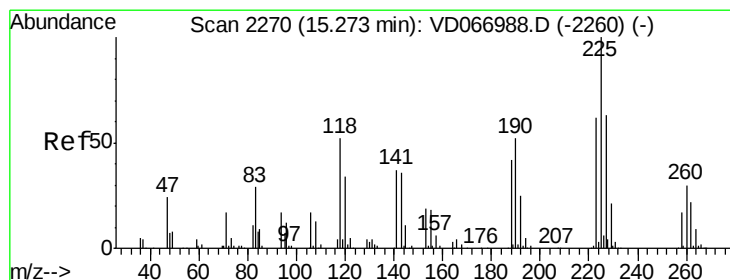
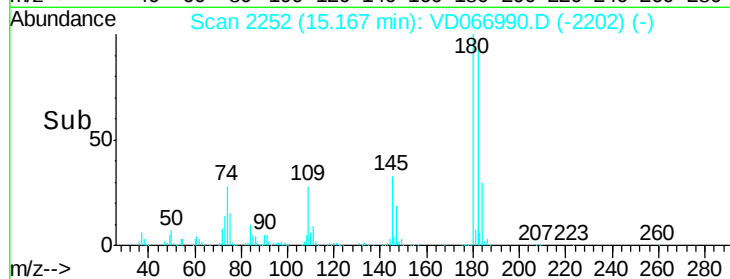
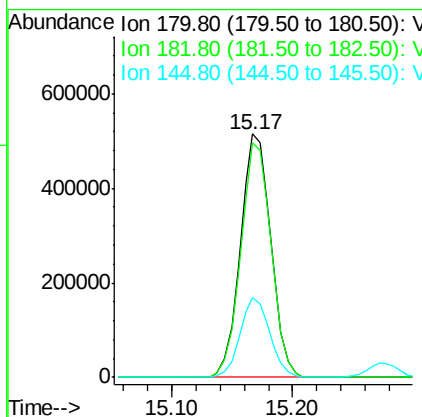
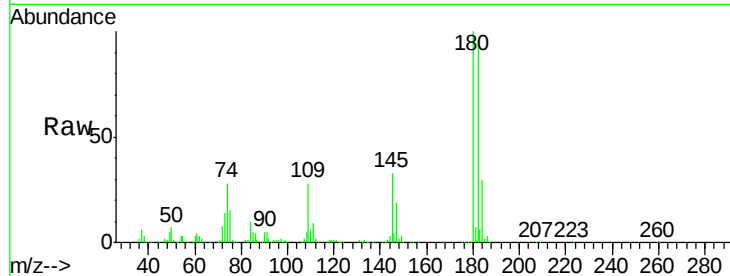
#93
 1,2,4-Trichlorobenzene
 Concen: 152.612 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	180	Resp:	903541
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	142.0
145	32.1	16.4	49.1

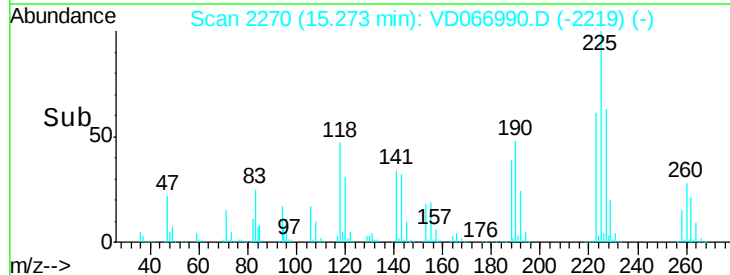
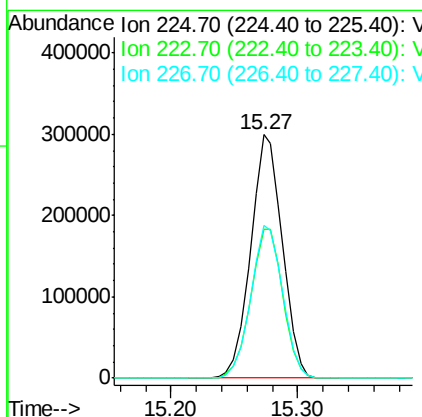
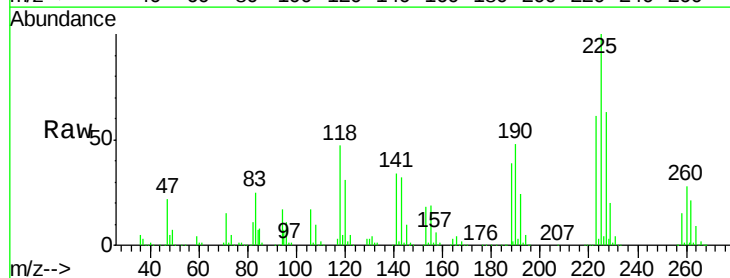
Manual Integrations
 APPROVED

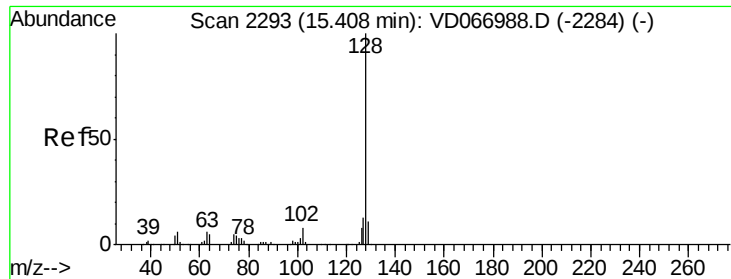
MMDadoda
 10/2/2020 3:13:25 PM



#94
 Hexachlorobutadiene
 Concen: 142.370 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066990.D
 Acq: 01 Oct 2020 13:41

Tgt Ion:	225	Resp:	517658
Ion Ratio	Lower	Upper	
225	100		
223	62.7	32.4	97.0
227	63.3	31.6	95.0





#95

Naphthalene

Concen: 171.429 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1692898

Ion Ratio Lower Upper

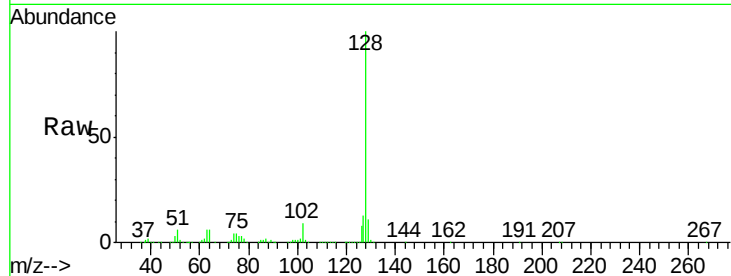
128 100

127 12.8 10.3 15.5

129 10.8 8.6 13.0

Manual Integrations
APPROVED

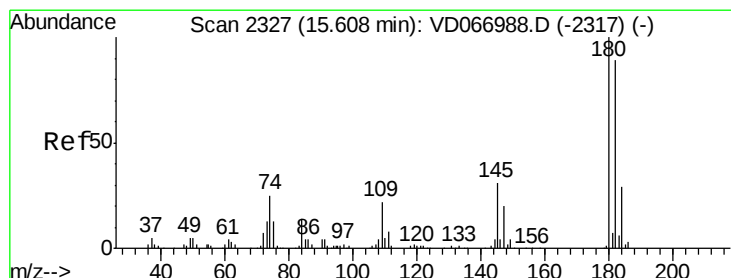
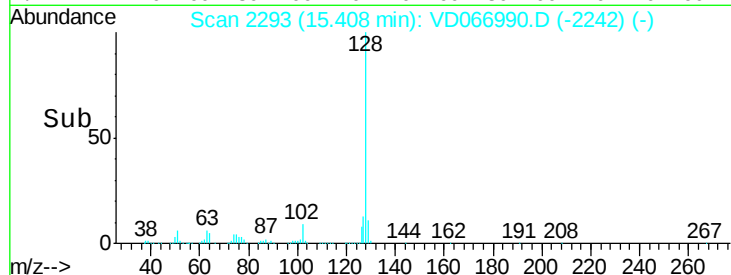
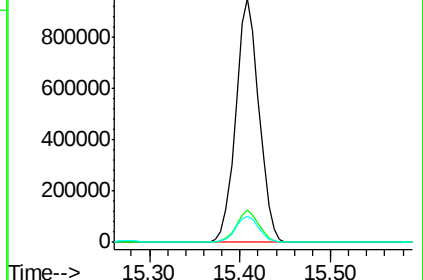
MMDadoda
10/2/2020 3:13:25 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 153.678 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD066990.D

Acq: 01 Oct 2020 13:41

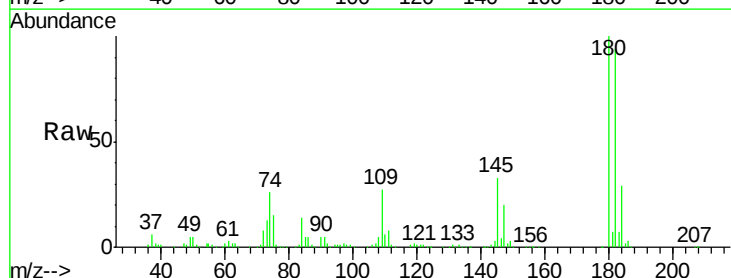
Tgt Ion:180 Resp: 789837

Ion Ratio Lower Upper

180 100

182 94.4 46.4 139.1

145 33.2 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

