

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066541.D
 Acq On : 03 Sep 2020 16:50
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 9/4/2020 4:54:59 PM

Quant Time: Sep 04 01:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	388085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	618126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	563519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	686491	165.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.42%	
35) Dibromofluoromethane	7.91	113	637596	172.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	344.90%	
50) Toluene-d8	10.34	98	2392887	173.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	346.68%	
62) 4-Bromofluorobenzene	12.63	95	794078	161.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	458030	137.797	ug/l	92
3) Chloromethane	2.21	50	631178	262.574	ug/l	100
4) Vinyl Chloride	2.35	62	726554	253.096	ug/l	99
5) Bromomethane	2.74	94	480690	212.862	ug/l	85
6) Chloroethane	2.91	64	454218	238.917	ug/l	100
7) Trichlorofluoromethane	3.27	101	1070046	144.386	ug/l	95
8) Diethyl Ether	3.71	74	289119	194.520	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	577832	177.483	ug/l	97
10) Methyl Iodide	4.30	142	631575	184.871	ug/l	98
11) Tert butyl alcohol	5.23	59	196687	645.329	ug/l	100
12) 1,1-Dichloroethene	4.06	96	543733	180.295	ug/l	95
13) Acrolein	3.92	56	134713	958.760	ug/l	98
14) Allyl chloride	4.71	41	944441	255.067	ug/l	99
15) Acrylonitrile	5.42	53	649473	1169.842	ug/l	99
16) Acetone	4.16	43	600187	927.307	ug/l	98
17) Carbon Disulfide	4.41	76	1762337	196.008	ug/l	98
18) Methyl Acetate	4.71	43	291563	255.682	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	1408857	181.389	ug/l	98
20) Methylene Chloride	4.96	84	638670	165.910	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	650508	185.548	ug/l	99
22) Diisopropyl ether	6.36	45	1964229	259.842	ug/l	99
23) Vinyl Acetate	6.30	43	5843852	1235.504	ug/l	97
24) 1,1-Dichloroethane	6.26	63	1165213	209.488	ug/l	99
25) 2-Butanone	7.21	43	848466	1186.280	ug/l	95
26) 2,2-Dichloropropane	7.21	77	1042559	159.231	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	723535	191.085	ug/l	99
28) Bromochloromethane	7.54	49	461774	265.626	ug/l	99
29) Tetrahydrofuran	7.56	42	542093	1390.786	ug/l	99
30) Chloroform	7.71	83	1217933	178.234	ug/l	100
31) Cyclohexane	7.98	56	1019509	206.553	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	1129572	153.905	ug/l	99
36) 1,1-Dichloropropene	8.11	75	950374	171.504	ug/l	99
37) Ethyl Acetate	7.29	43	385745	216.559	ug/l	98
38) Carbon Tetrachloride	8.09	117	1016471	128.276	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	1144029	175.985	ug/l	99
40) Benzene	8.34	78	2576013	178.622	ug/l	100
41) Methacrylonitrile	7.52	41	189495m	199.992	ug/l	
42) 1,2-Dichloroethane	8.42	62	812533	139.752	ug/l	99
43) Isopropyl Acetate	8.45	43	756697	208.271	ug/l	99
44) Trichloroethene	9.11	130	678534	143.065	ug/l	98
45) 1,2-Dichloropropane	9.38	63	645724	213.974	ug/l	96
46) Dibromomethane	9.47	93	357093	172.298	ug/l	96
47) Bromodichloromethane	9.66	83	969585	159.824	ug/l	99
48) Methyl methacrylate	9.45	41	402032	216.840	ug/l	99
49) 1,4-Dioxane	9.46	88	82310	3431.881	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1927704	1131.128	ug/l	100
52) Toluene	10.40	92	1678487	166.825	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	917921	166.665	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	1078126	181.350	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	460846	175.643	ug/l	97
56) Ethyl methacrylate	10.66	69	606665	193.828	ug/l	97
57) 1,3-Dichloropropane	10.94	76	811997	184.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	1223319	970.485	ug/l	97
59) 2-Hexanone	10.98	43	1326841	1085.253	ug/l	99
60) Dibromochloromethane	11.14	129	620621	148.427	ug/l	99
61) 1,2-Dibromoethane	11.24	107	447572	167.097	ug/l	99
64) Tetrachloroethene	10.87	164	549375	128.780	ug/l	95
65) Chlorobenzene	11.67	112	1708790	154.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	653069	141.628	ug/l	99
67) Ethyl Benzene	11.74	91	3280949	166.452	ug/l	99
68) m/p-Xylenes	11.85	106	2446729	321.370	ug/l	100
69) o-Xylene	12.18	106	1128634	157.488	ug/l	100
70) Styrene	12.20	104	1982957	161.495	ug/l	99
71) Bromoform	12.36	173	337481	135.957	ug/l #	100
73) Isopropylbenzene	12.48	105	3123126	172.642	ug/l	100
74) N-amyl acetate	12.29	43	717736	240.979	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	497943	213.859	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	340041m	184.238	ug/l	
77) Bromobenzene	12.76	156	672570	150.174	ug/l	98
78) n-propylbenzene	12.82	91	3700616	183.328	ug/l	99
79) 2-Chlorotoluene	12.91	91	2077540	179.903	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	2618499	166.893	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	167607	209.964	ug/l	96
82) 4-Chlorotoluene	13.01	91	2171458	175.122	ug/l	99
83) tert-Butylbenzene	13.23	119	2177065	160.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	2616537	167.609	ug/l	99
85) sec-Butylbenzene	13.40	105	3053285	173.082	ug/l	100
86) p-Isopropyltoluene	13.52	119	2835868	163.678	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	1321930	157.498	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	1279565	151.383	ug/l	100
89) n-Butylbenzene	13.85	91	2700151	181.561	ug/l	99
90) Hexachloroethane	14.11	117	547376	171.014	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	1133751	155.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	86275	155.211	ug/l	97

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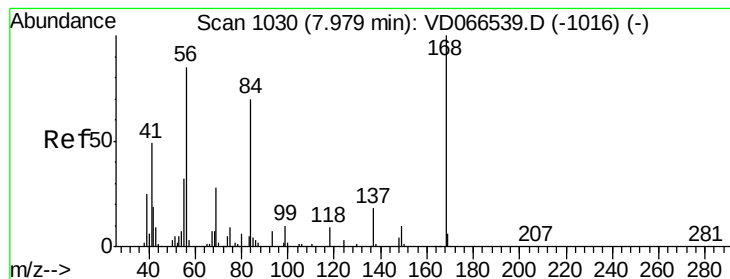
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	708670	128.311	ug/l	98
94) Hexachlorobutadiene	15.27	225	396573	111.862	ug/l	97
95) Naphthalene	15.41	128	1359513	154.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	605408	126.476	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 388085

Ion Ratio Lower Upper

168 100

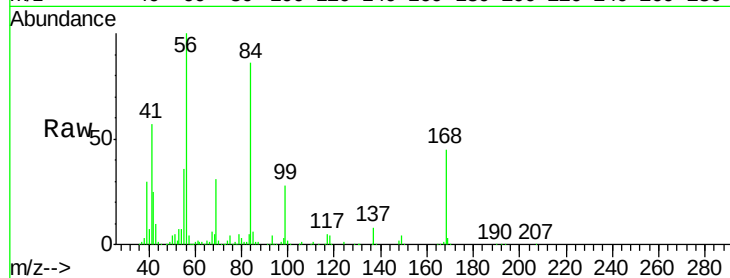
99 61.1 50.5 75.7

Manual Integrations

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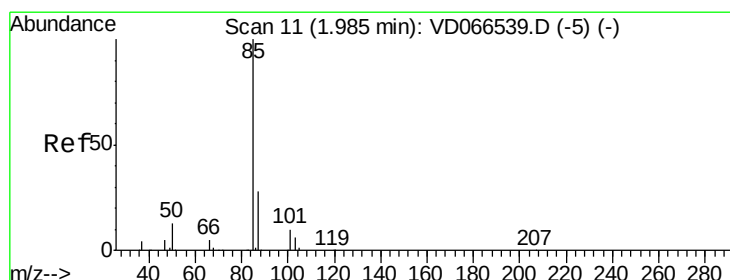
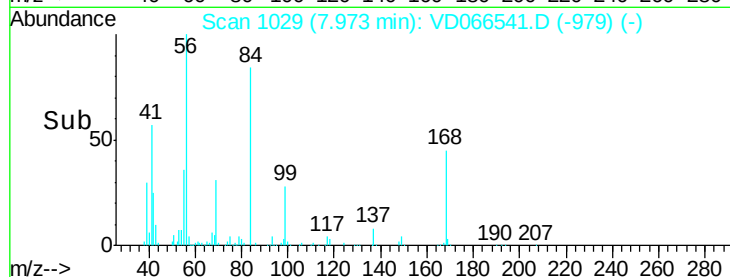
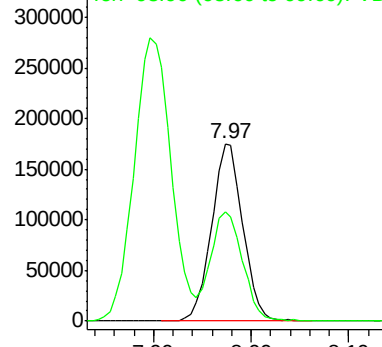
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 137.797 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066541.D

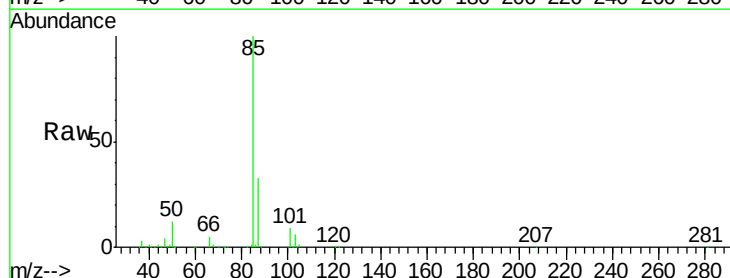
Acq: 03 Sep 2020 16:50

Tgt Ion: 85 Resp: 458030

Ion Ratio Lower Upper

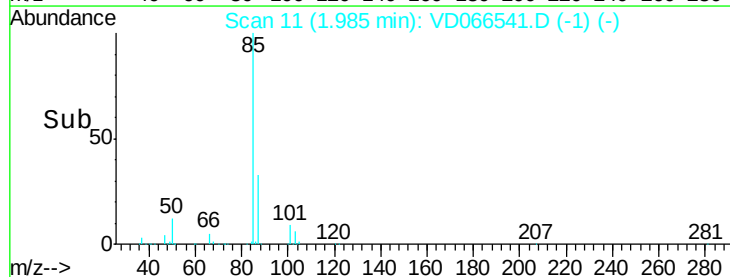
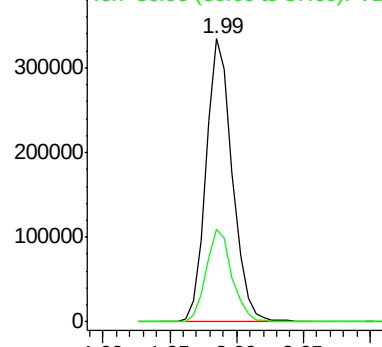
85 100

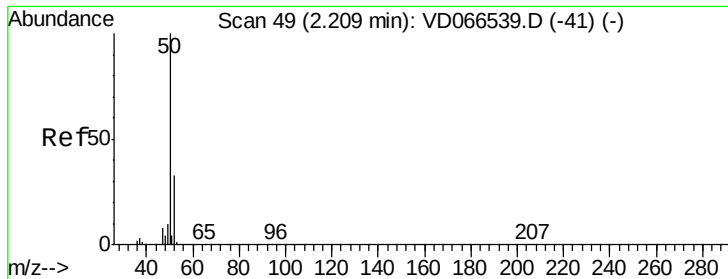
87 32.8 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 262.574 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 631178

Ion Ratio Lower Upper

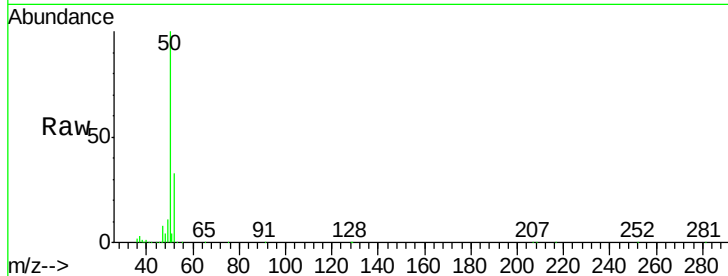
50 100

52 32.9 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

400000

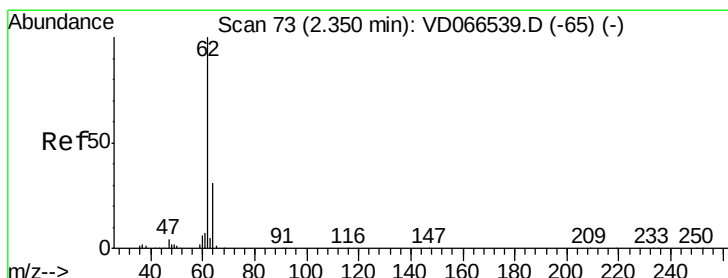
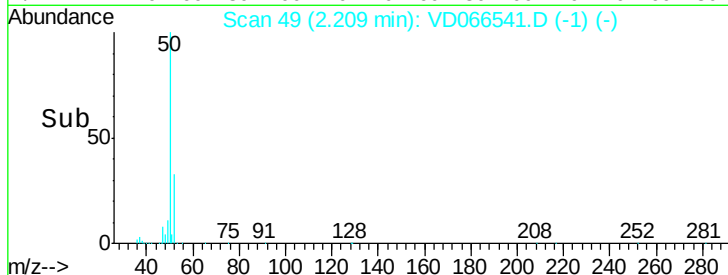
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 253.096 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066541.D

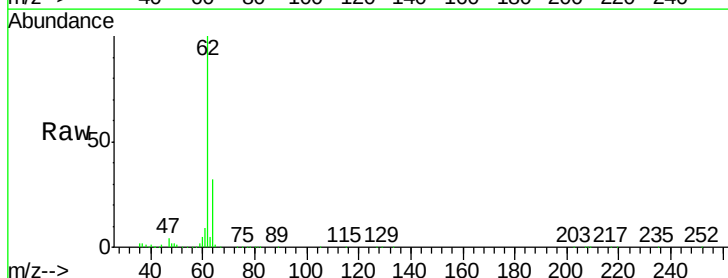
Acq: 03 Sep 2020 16:50

Tgt Ion: 62 Resp: 726554

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

400000

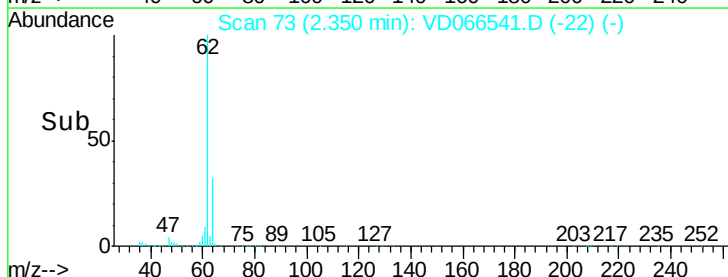
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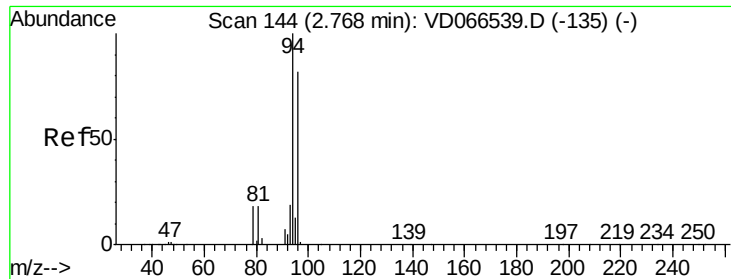
200000

100000

0

Time-->





#5

Bromomethane

Concen: 212.862 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 480690

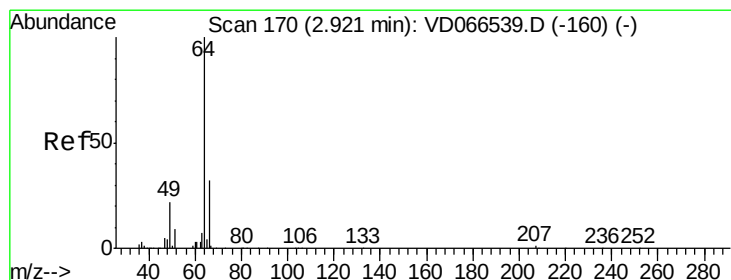
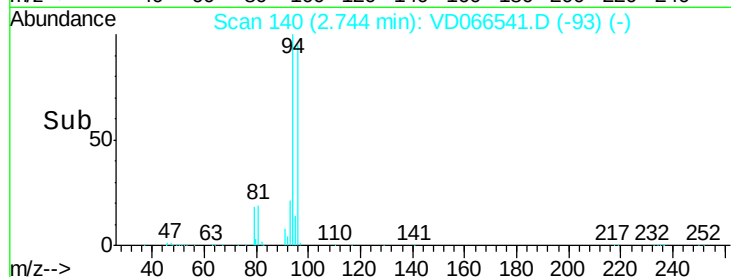
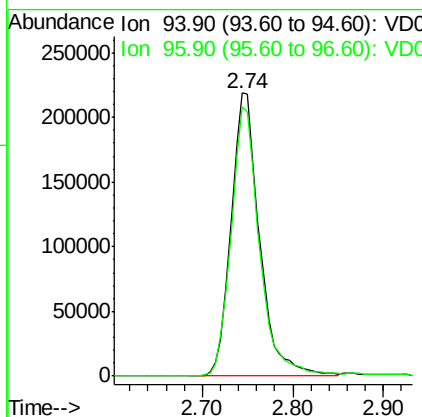
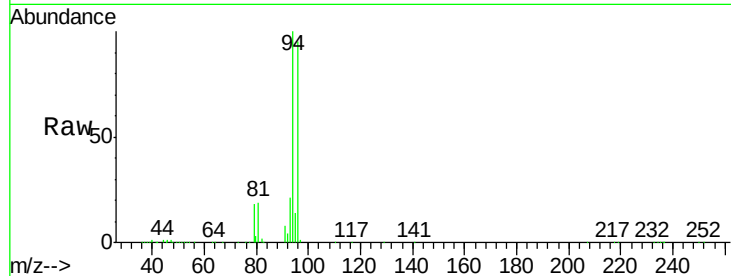
Ion Ratio Lower Upper

94 100

96 95.1 65.2 97.8

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#6

Chloroethane

Concen: 238.917 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066541.D

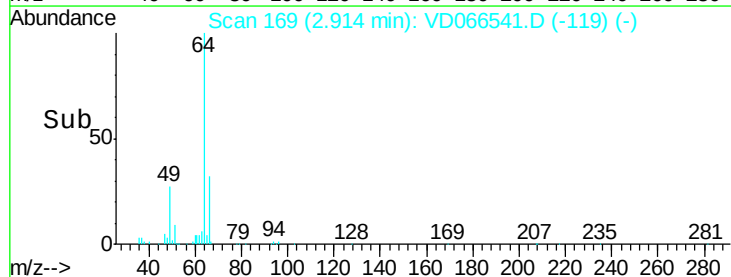
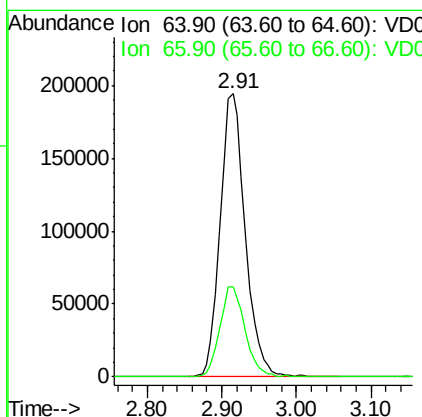
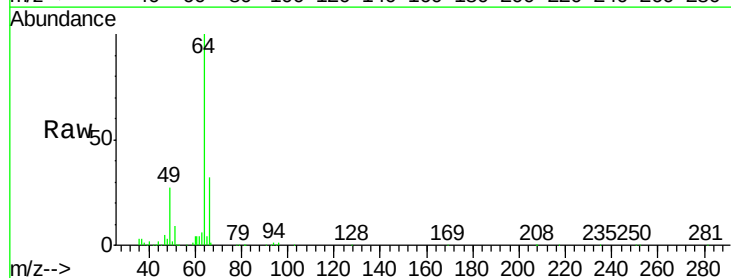
Acq: 03 Sep 2020 16:50

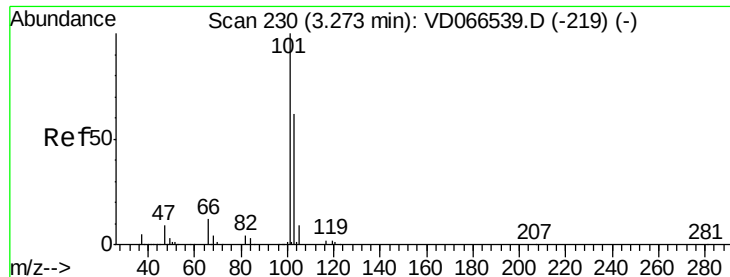
Tgt Ion: 64 Resp: 454218

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.0





#7

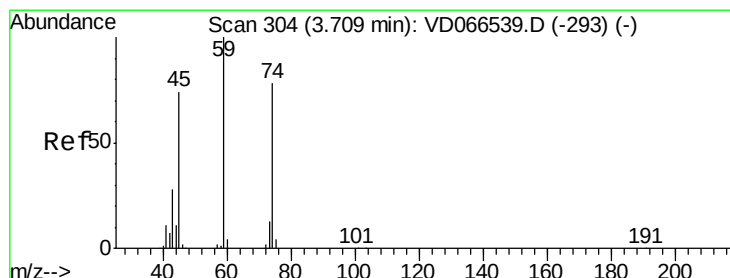
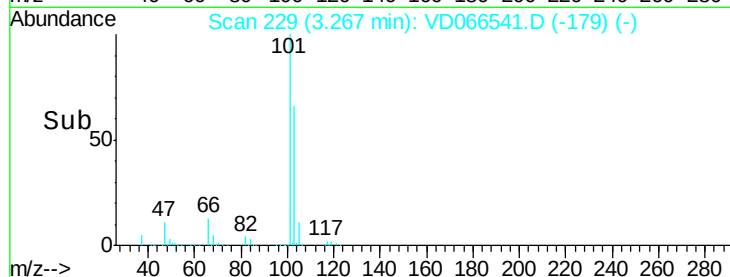
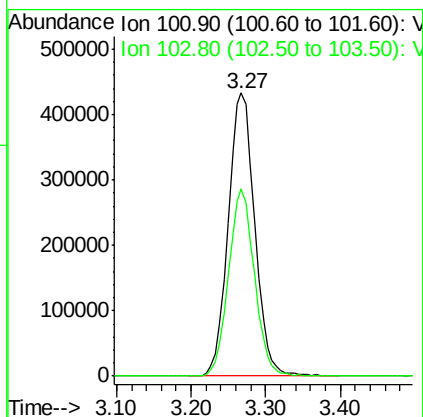
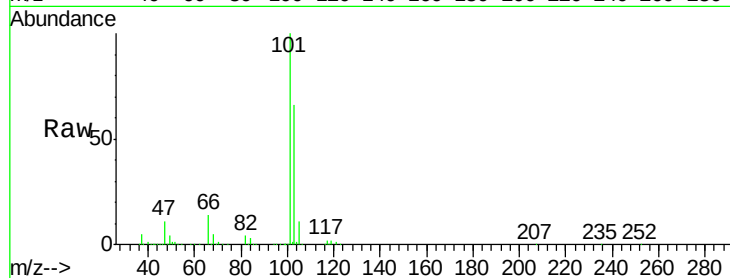
Trichlorofluoromethane
Concen: 144.386 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1070046
Ion Ratio Lower Upper
101 100
103 66.2 49.7 74.5

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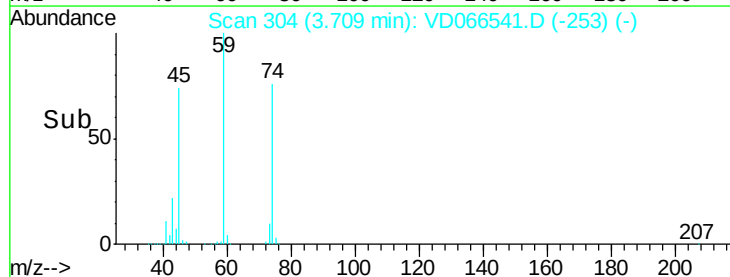
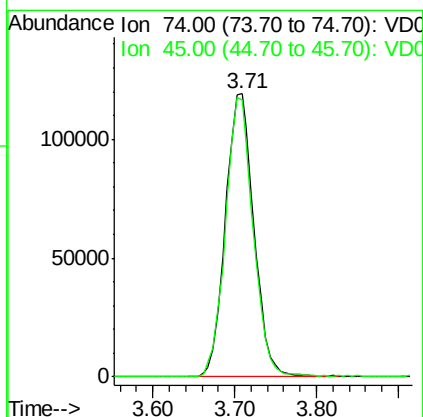
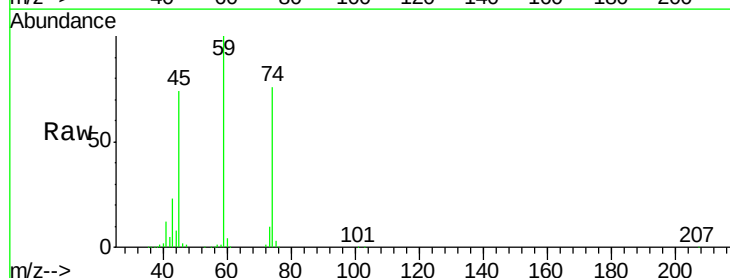
MMDadoda
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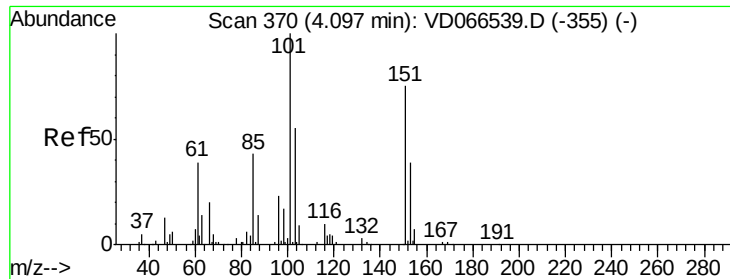


#8

Diethyl Ether
Concen: 194.520 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 74 Resp: 289119
Ion Ratio Lower Upper
74 100
45 96.2 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 177.483 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

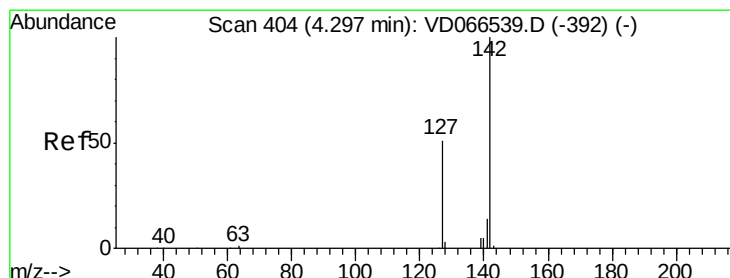
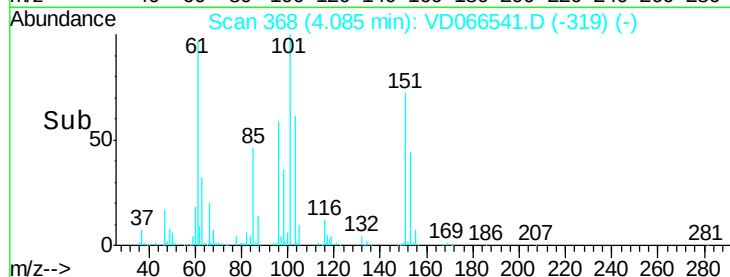
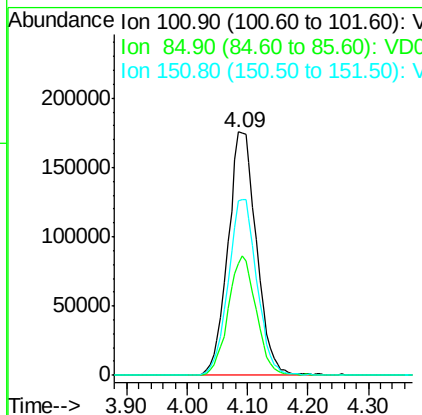
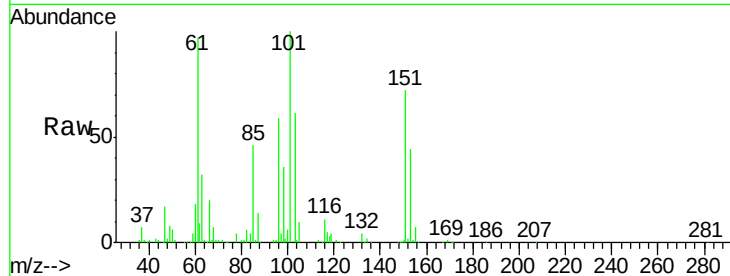
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	577832
Ion Ratio	Lower	Upper	
101	100		
85	48.0	37.0	55.6
151	72.1	59.4	89.2

Manual Integrations
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9/4/2020 4:54:59 PM



#10

Methyl Iodide

Concen: 184.871 ug/l

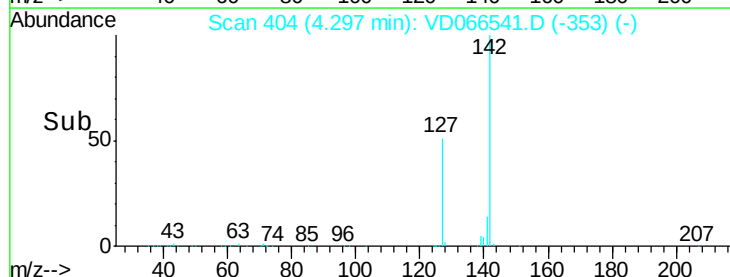
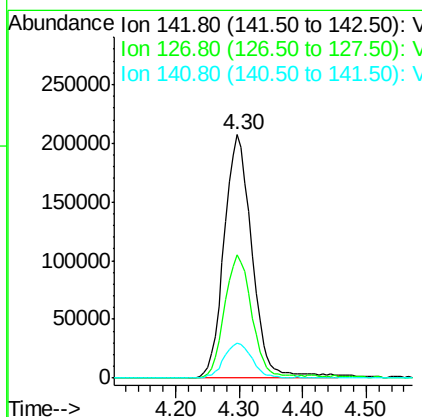
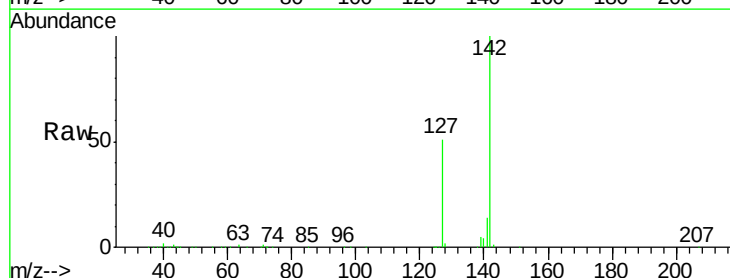
RT: 4.30 min Scan# 404

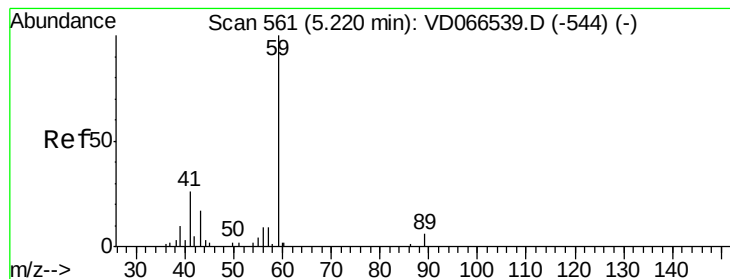
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	142	Resp:	631575
Ion Ratio	Lower	Upper	
142	100		
127	49.5	40.6	61.0
141	14.4	12.2	18.4





#11

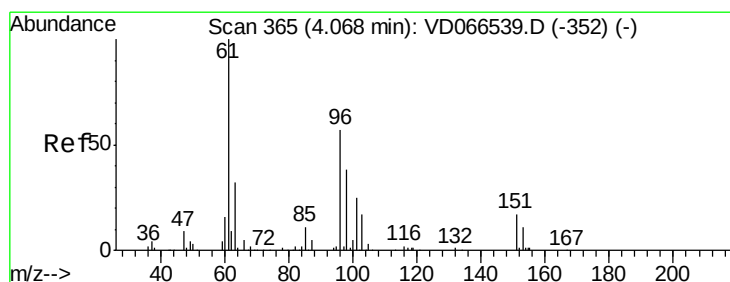
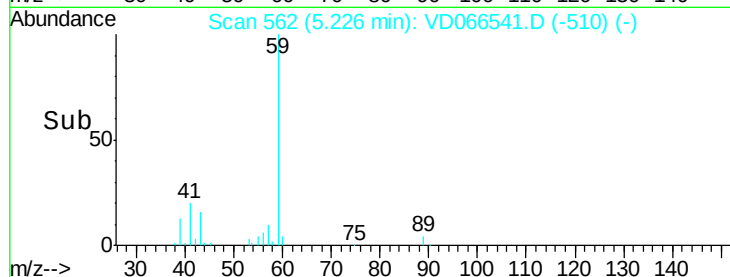
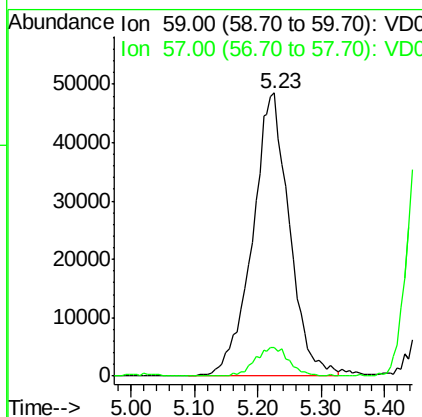
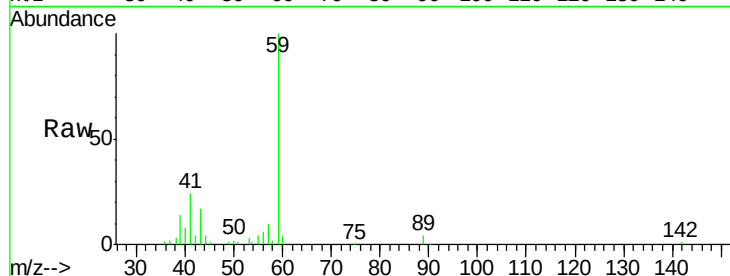
Tert butyl alcohol
 Concen: 645.329 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	196687		
57	57	9.4		7.6	11.4

Manual Integrations
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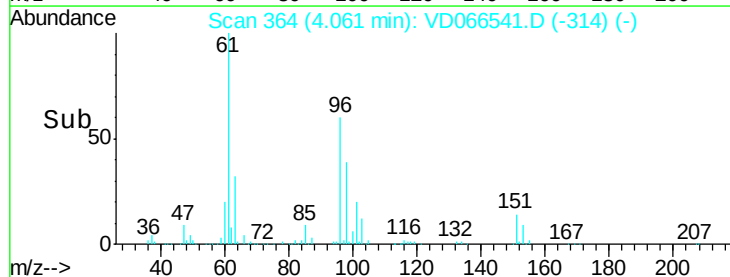
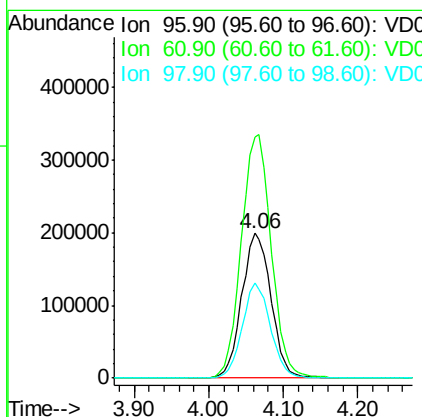
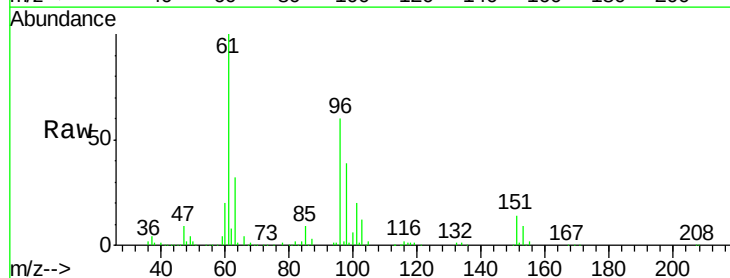
MMDadoda
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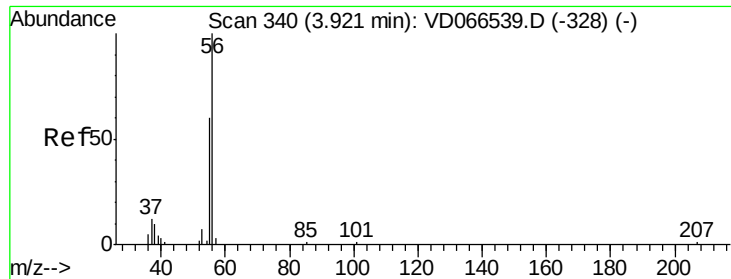


#12

1,1-Dichloroethene
 Concen: 180.295 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	543733		
61	61	166.9		140.9	211.3
98	98	65.9		53.2	79.8





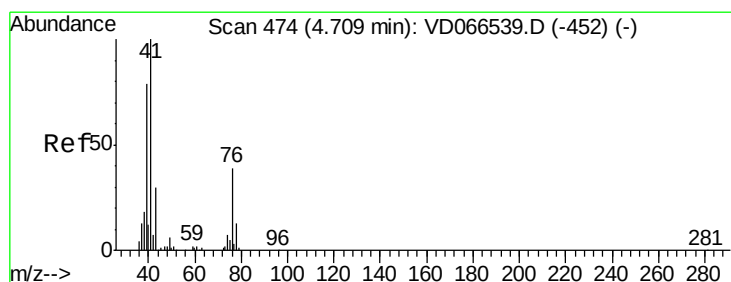
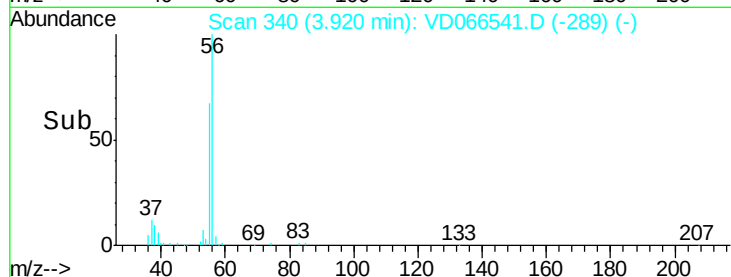
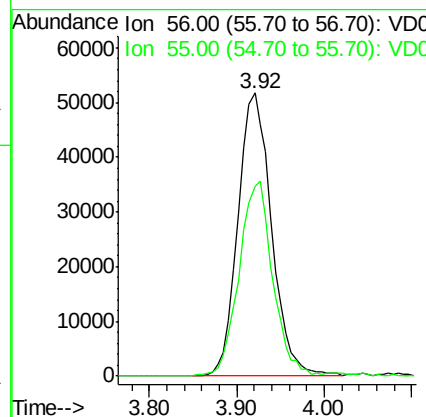
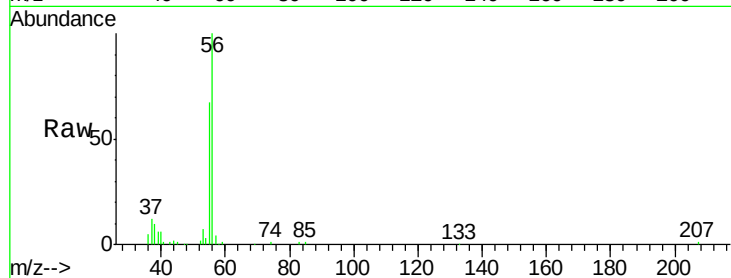
#13
Acrolein
Concen: 958.760 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	134713
Ion Ratio	100	Lower	Upper
55	69.0	53.6	80.4

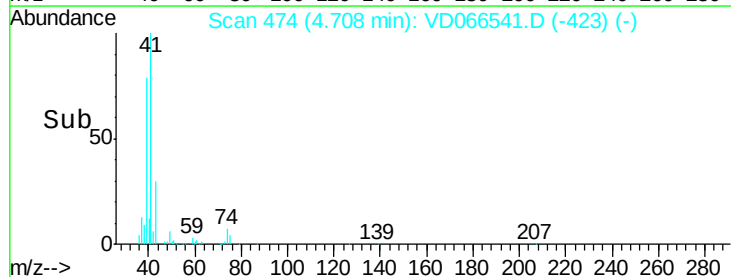
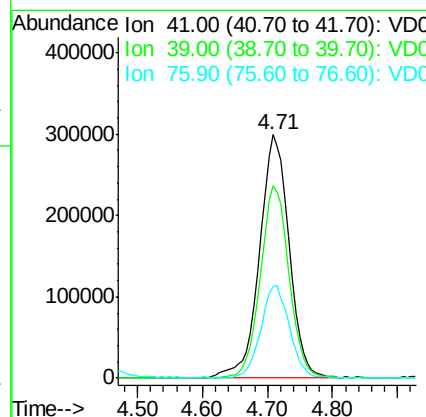
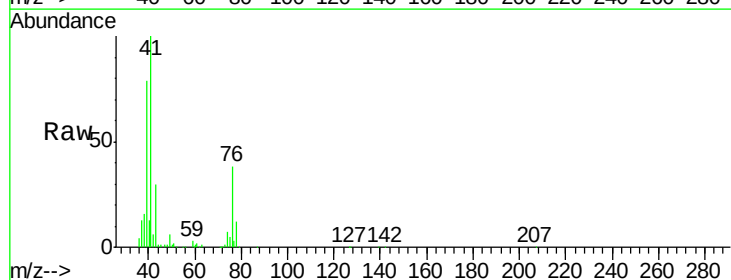
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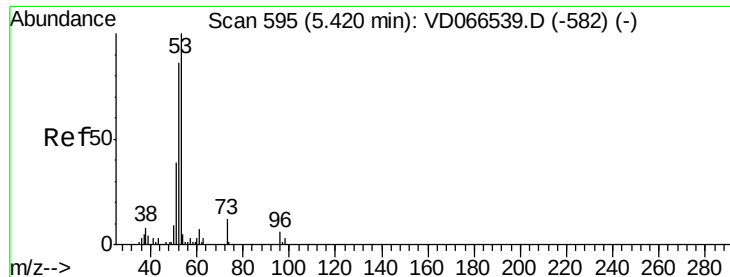
MMDadoda
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#14
Allyl chloride
Concen: 255.067 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	41	Resp	944441
Ion Ratio	100	Lower	Upper
39	76.7	61.9	92.9
76	36.3	29.0	43.6





#15

Acrylonitrile

Concen: 1169.842 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

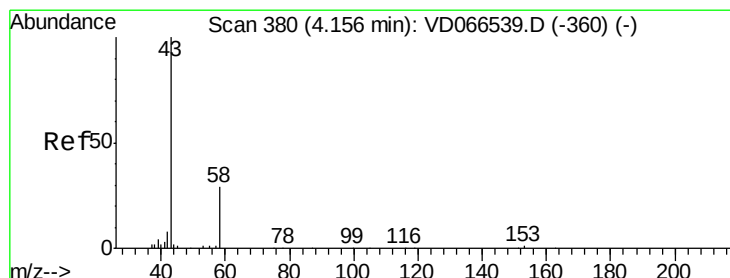
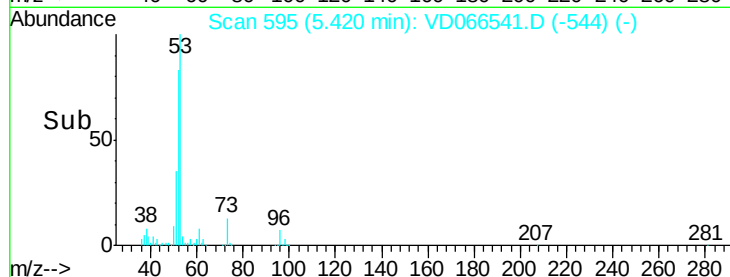
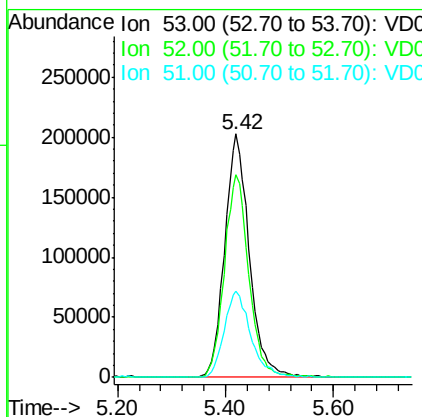
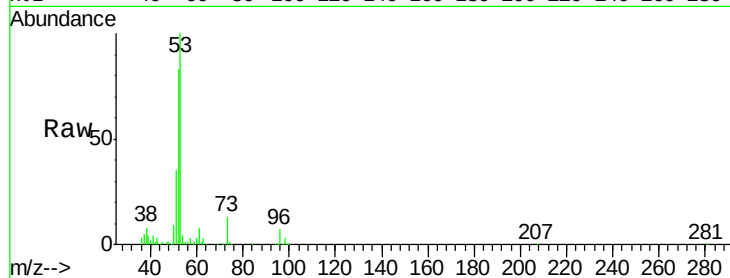
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	649473
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.4	98.2
51	38.2	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 927.307 ug/l

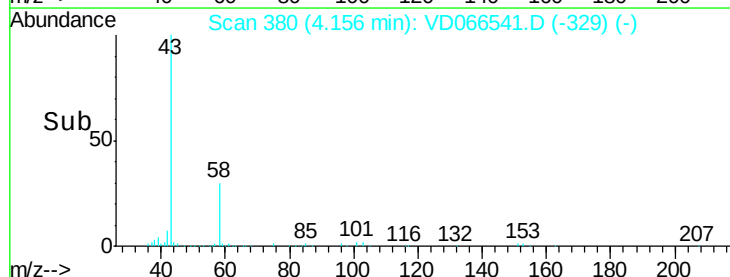
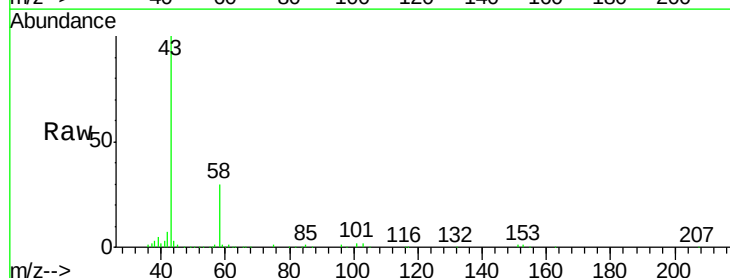
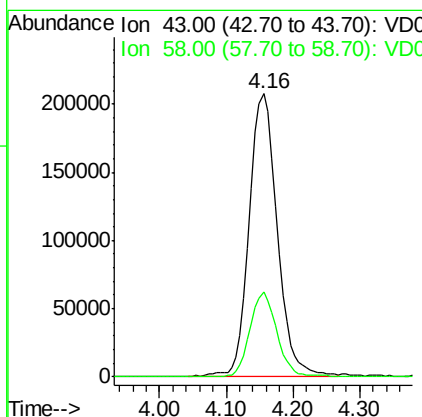
RT: 4.16 min Scan# 380

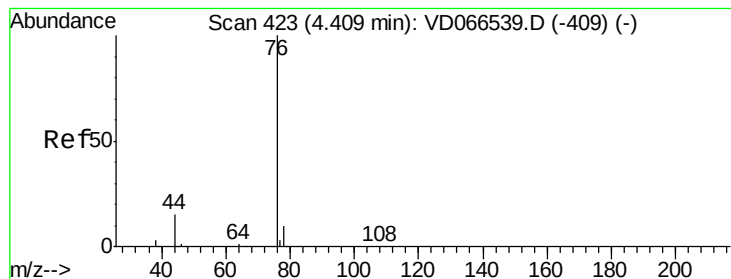
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	43	Resp:	600187
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.9	34.3





#17

Carbon Disulfide

Concen: 196.008 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1762337

Ion Ratio Lower Upper

76 100

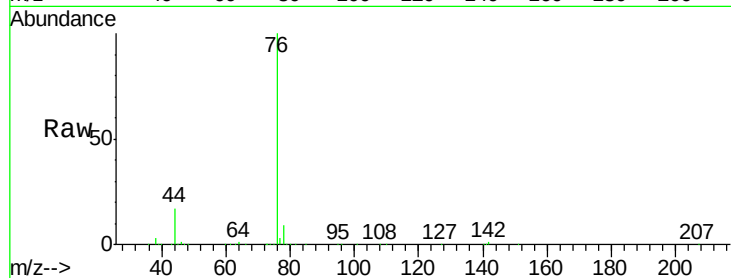
78 8.6 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

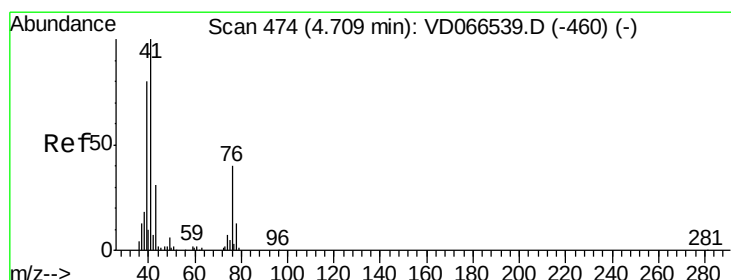
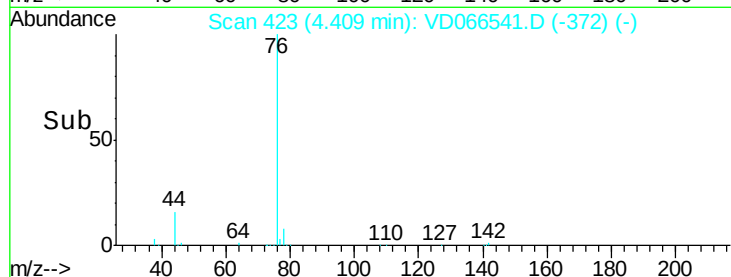
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 255.682 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066541.D

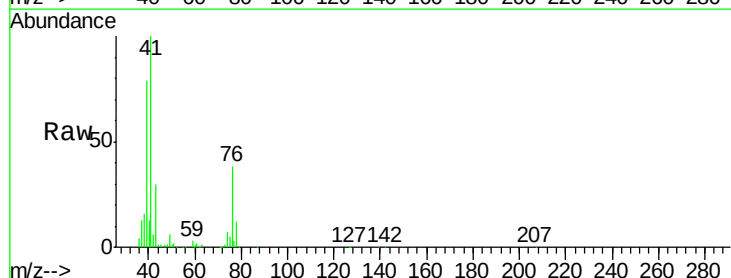
Acq: 03 Sep 2020 16:50

Tgt Ion: 43 Resp: 291563

Ion Ratio Lower Upper

43 100

74 24.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

100000

80000

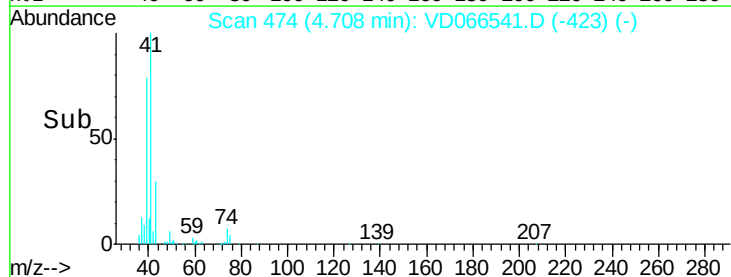
60000

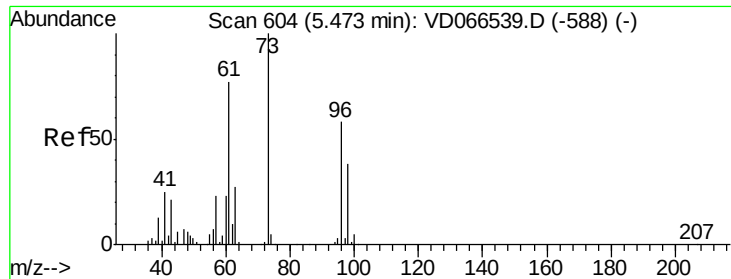
40000

20000

0

Time-->





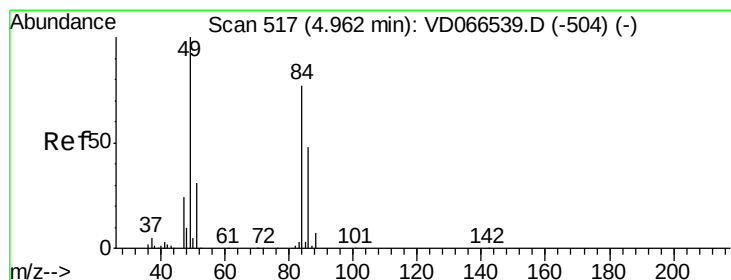
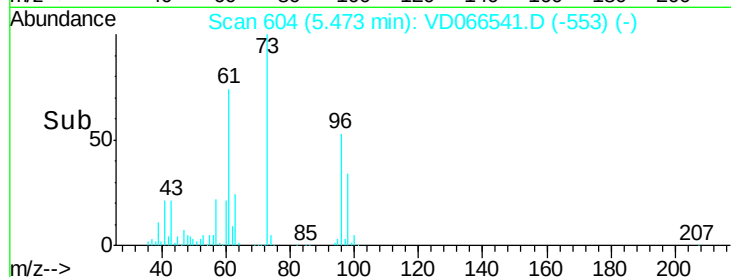
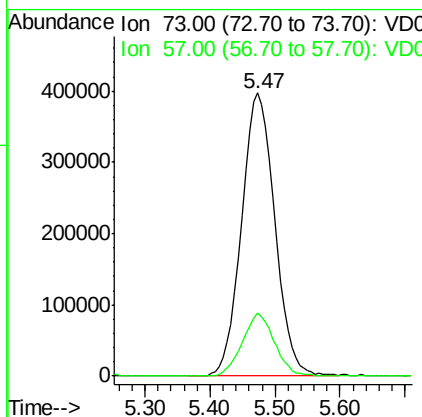
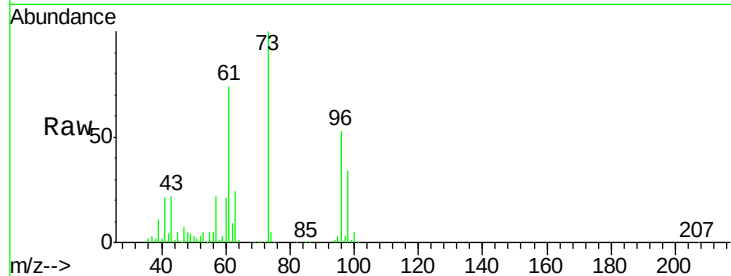
#19
Methyl tert-butyl Ether
Concen: 181.389 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1408857
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

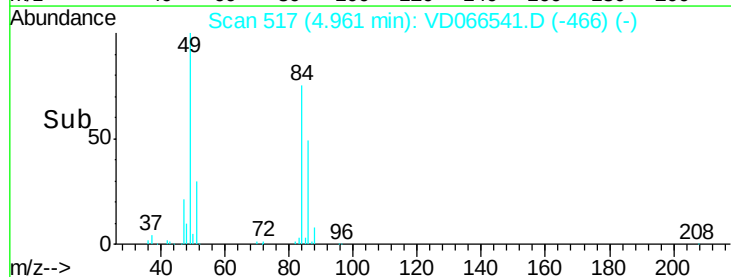
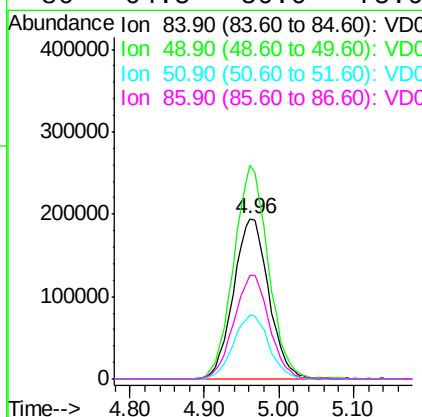
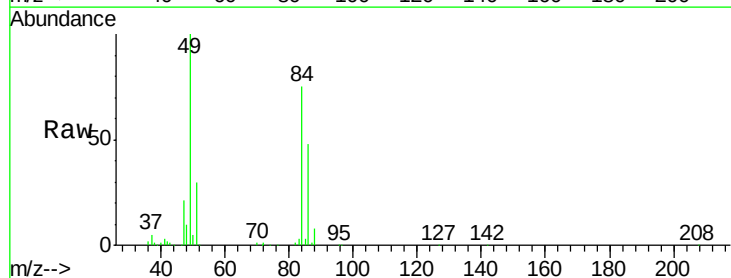
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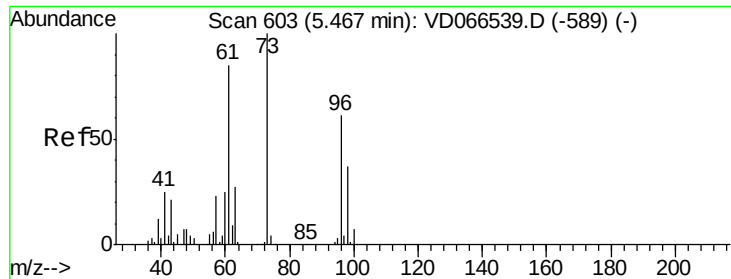
MMDadoda
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#20
Methylene Chloride
Concen: 165.910 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 84 Resp: 638670
Ion Ratio Lower Upper
84 100
49 133.2 104.3 156.5
51 40.4 32.2 48.4
86 64.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 185.548 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

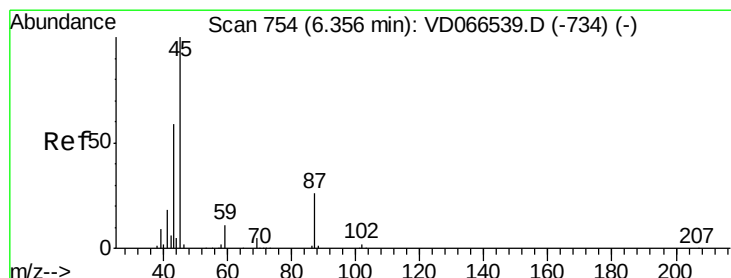
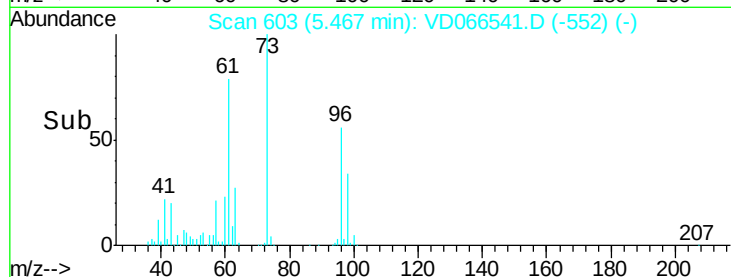
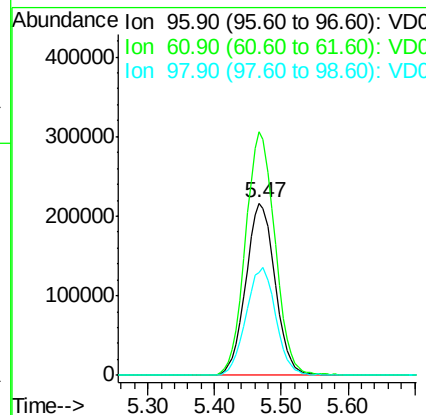
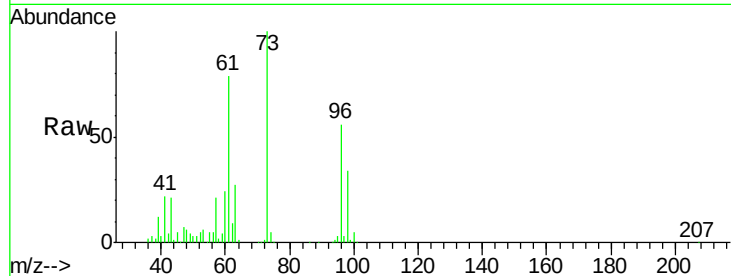
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	650508
Ion	Ratio	Lower	Upper
96	100		
61	141.4	112.1	168.1
98	60.0	48.6	72.8

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#22

Diisopropyl ether

Concen: 259.842 ug/l

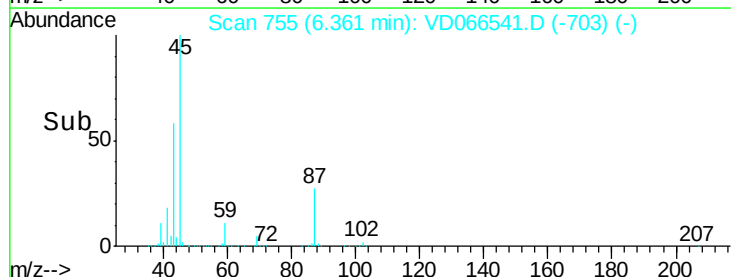
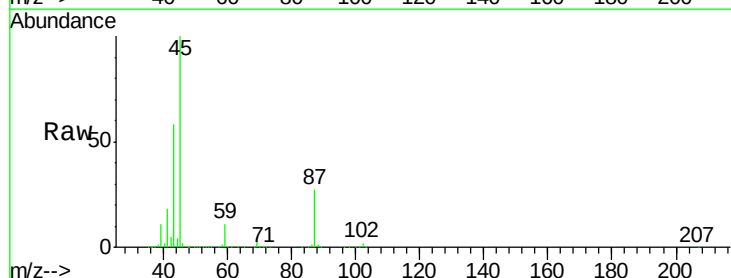
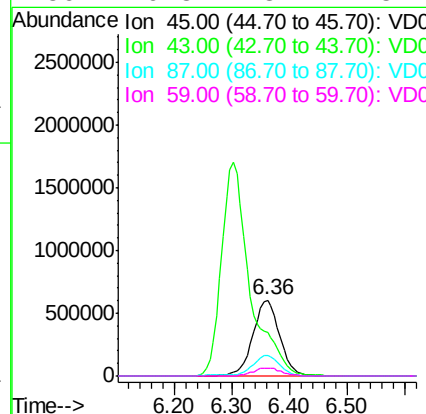
RT: 6.36 min Scan# 755

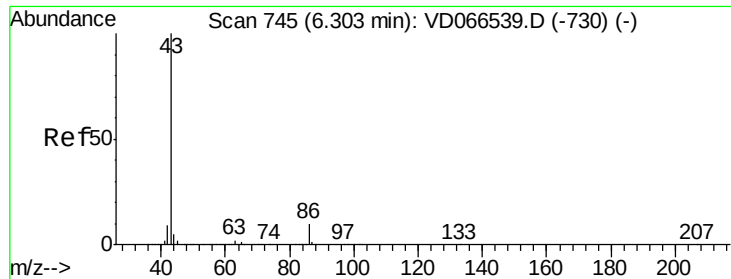
Delta R.T. 0.01 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	45	Resp:	1964229
Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.0	70.4
87	27.2	21.3	31.9
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 1235.504 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5843852

Ion Ratio Lower Upper

43 100

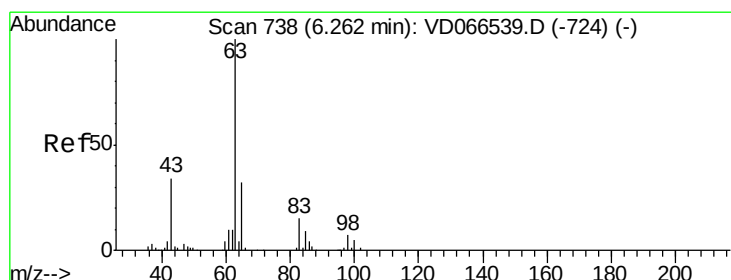
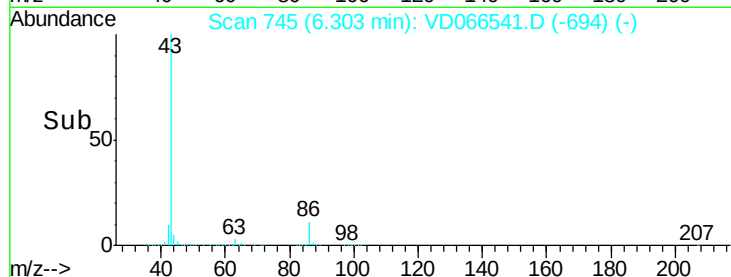
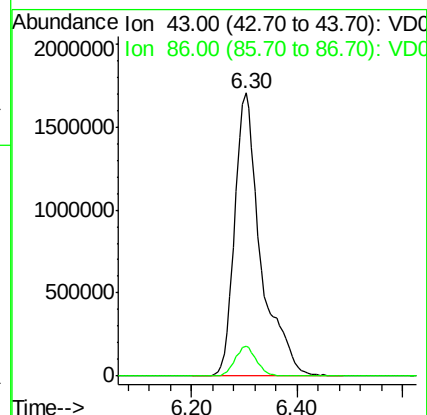
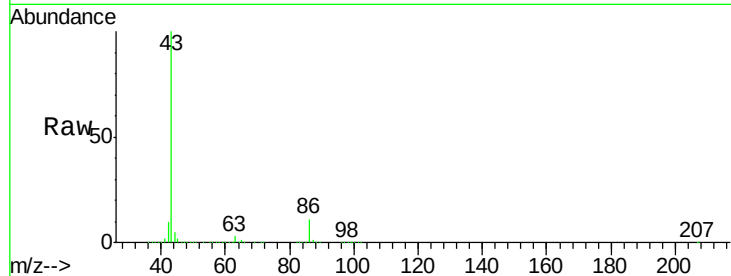
86 10.7 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 209.488 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

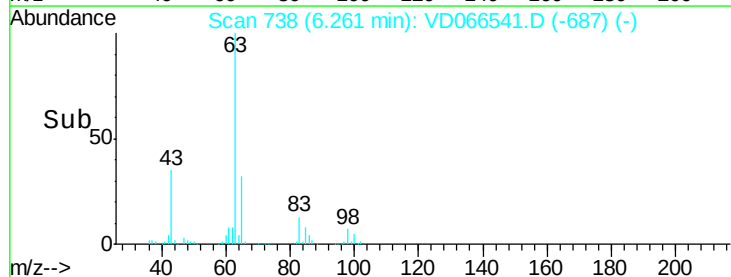
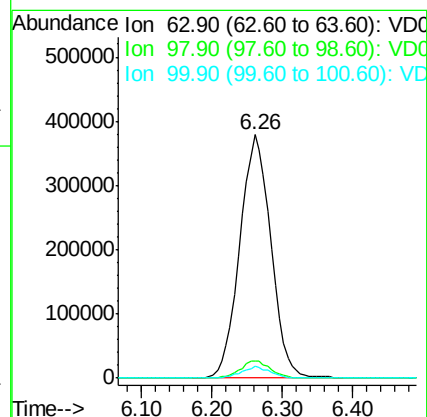
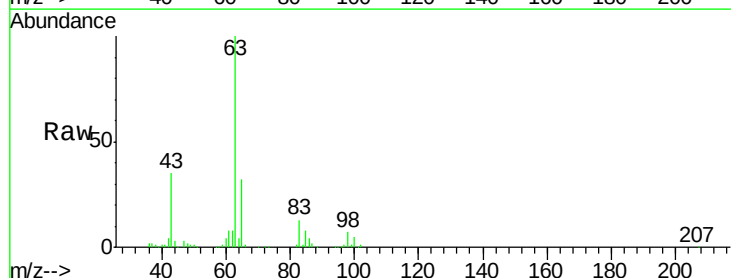
Tgt Ion: 63 Resp: 1165213

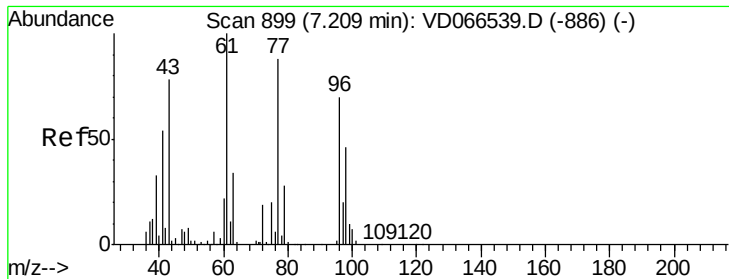
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 1186.280 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 848466

Ion Ratio Lower Upper

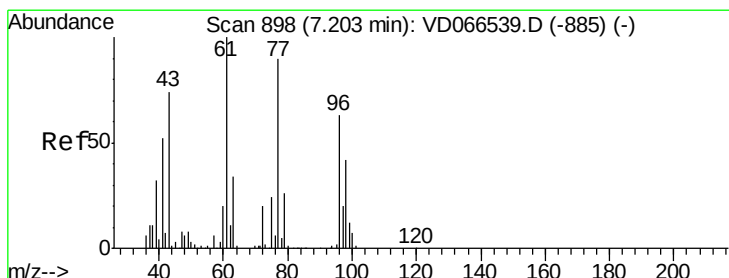
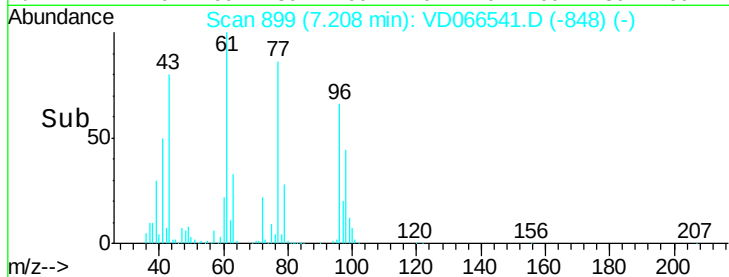
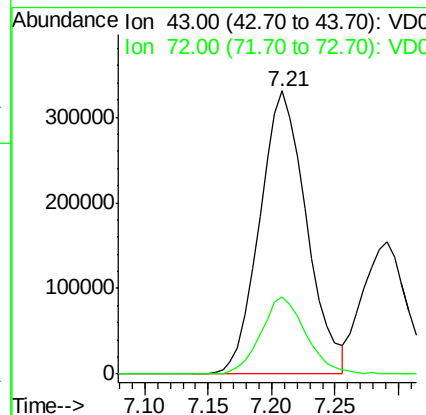
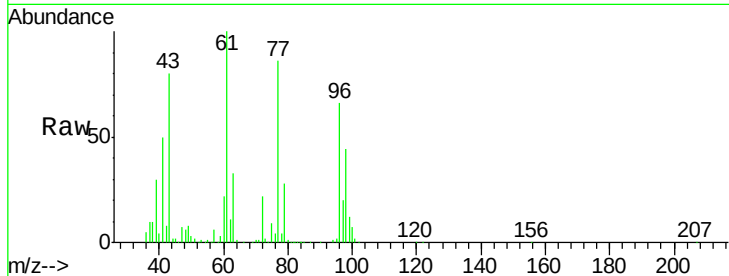
43 100

72 27.1 19.8 29.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 159.231 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066541.D

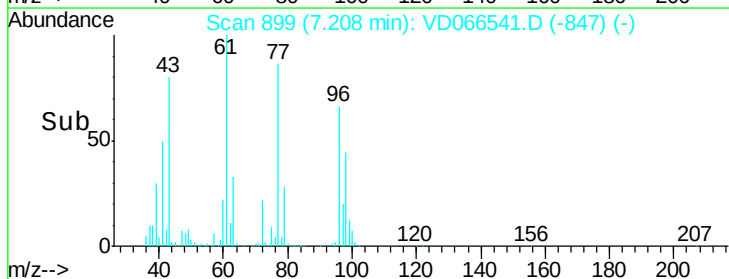
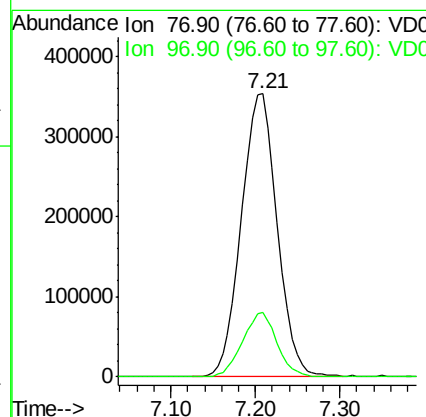
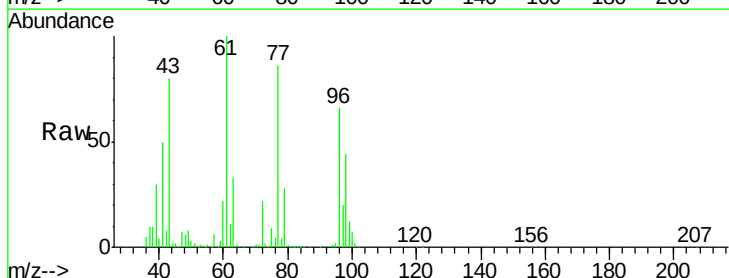
Acq: 03 Sep 2020 16:50

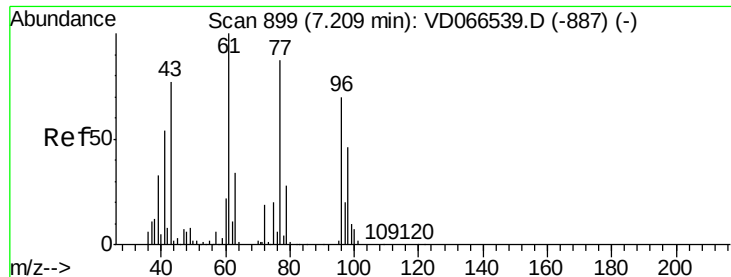
Tgt Ion: 77 Resp: 1042559

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.3





#27

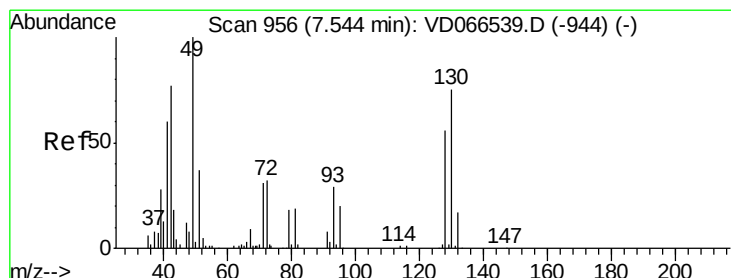
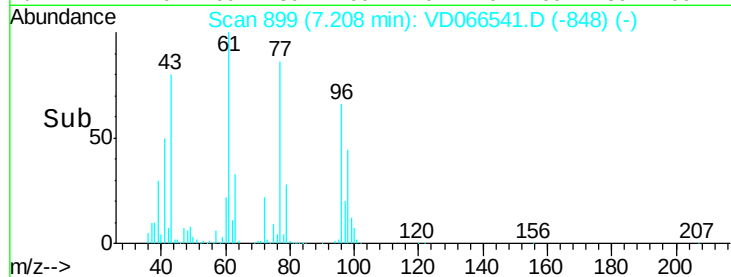
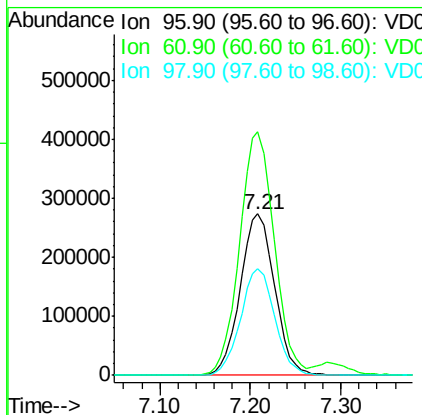
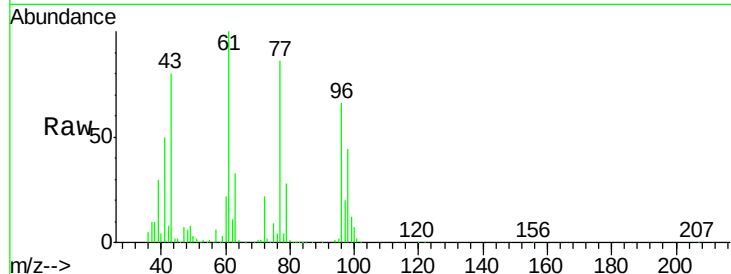
cis-1,2-Dichloroethene
 Concen: 191.085 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	723535		
61	151.7		0.0	301.0
98	65.5		0.0	129.8

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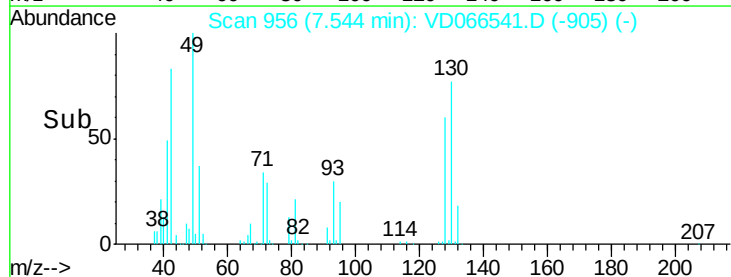
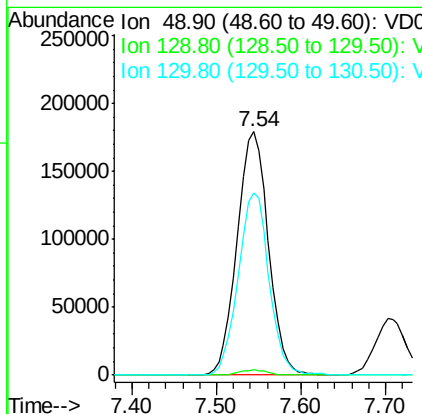
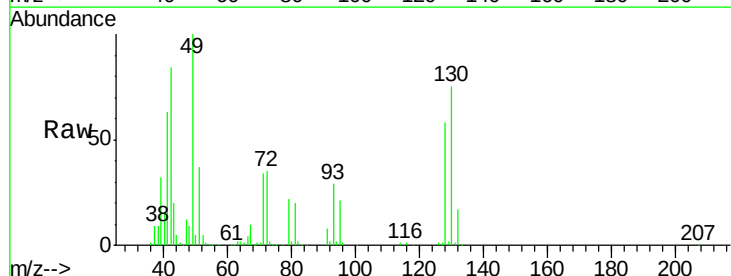
MMDadoda
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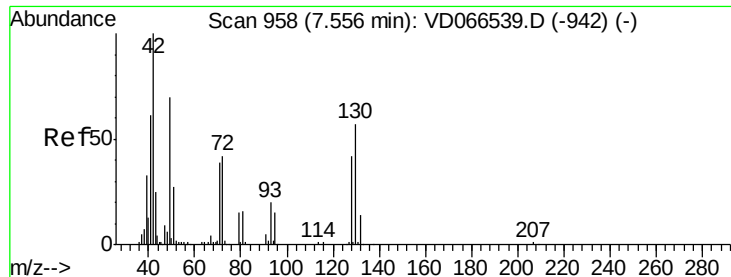


#28

Bromochloromethane
 Concen: 265.626 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	461774		
129	2.0		0.0	2.6
130	73.9		58.2	87.2





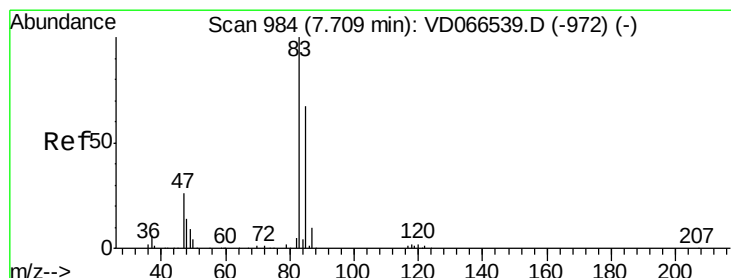
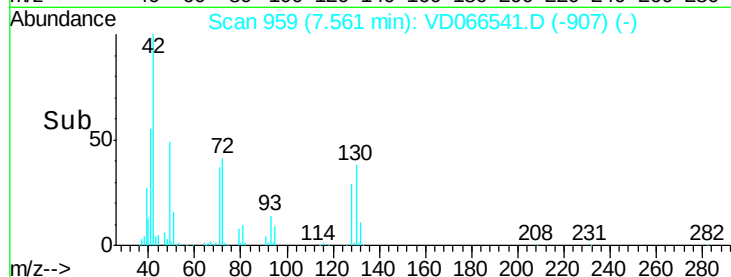
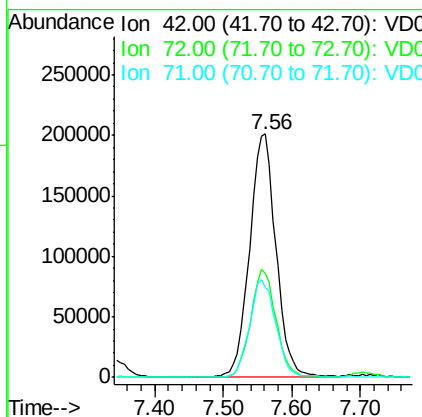
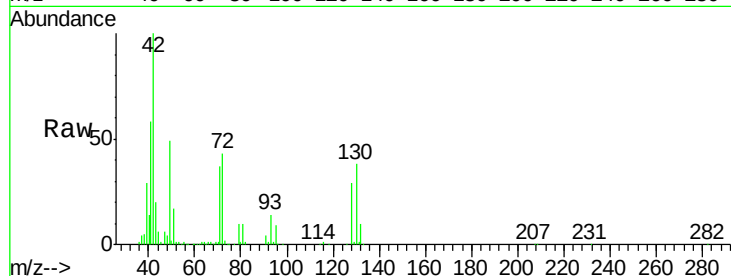
#29
Tetrahydrofuran
Concen: 1390.786 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.4	50.0
71	39.8	31.9	47.9

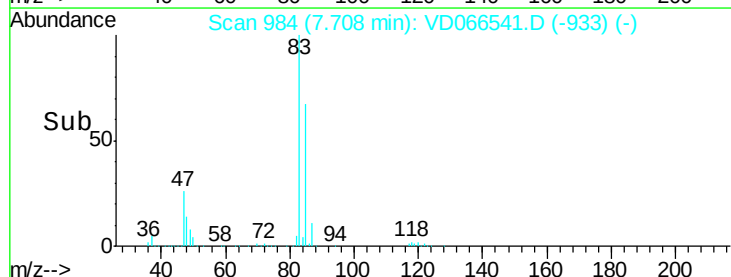
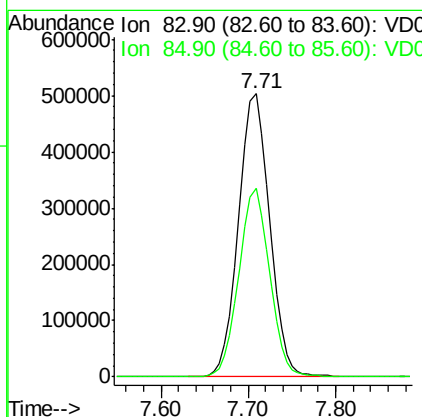
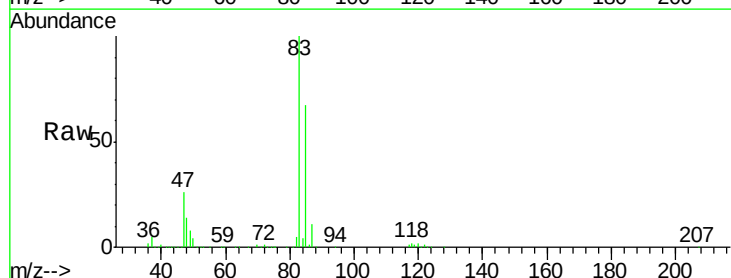
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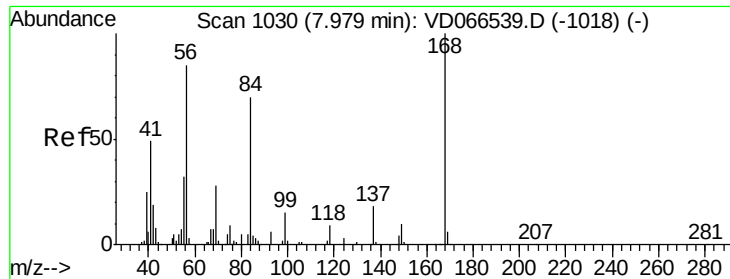
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#30
Chloroform
Concen: 178.234 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.6	80.4





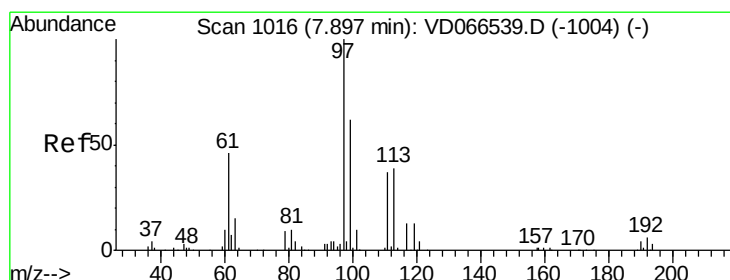
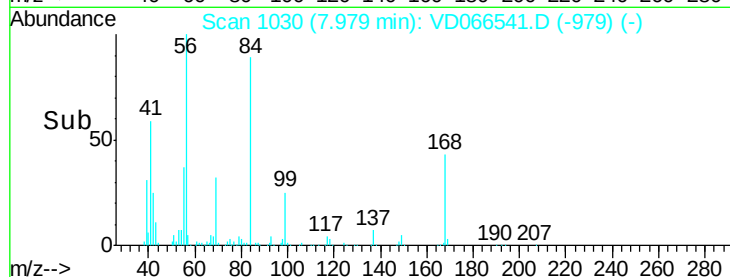
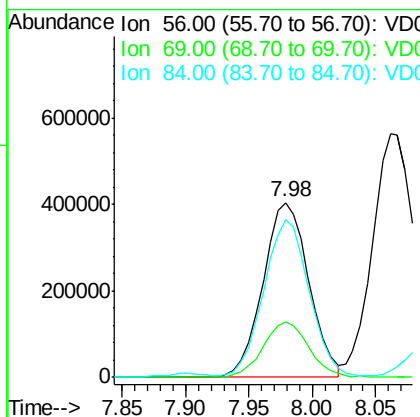
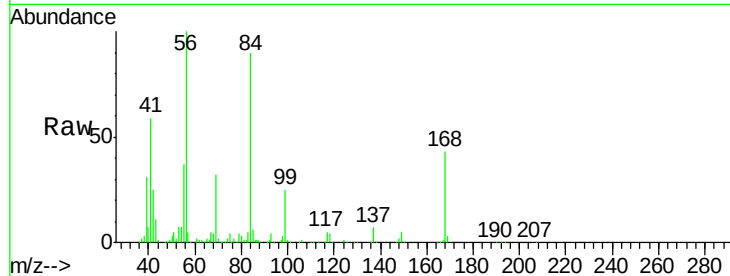
#31
Cyclohexane
Concen: 206.553 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.3	39.5
84	88.3	66.1	99.1

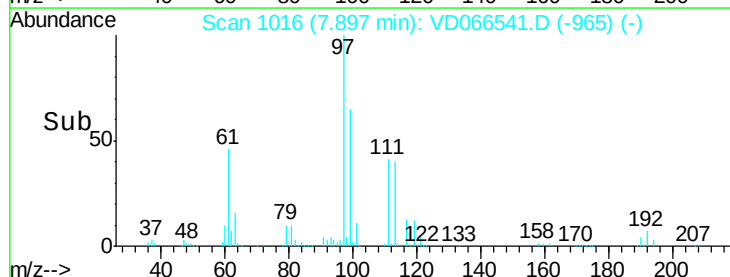
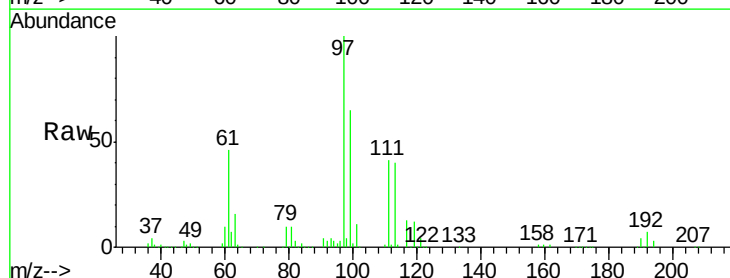
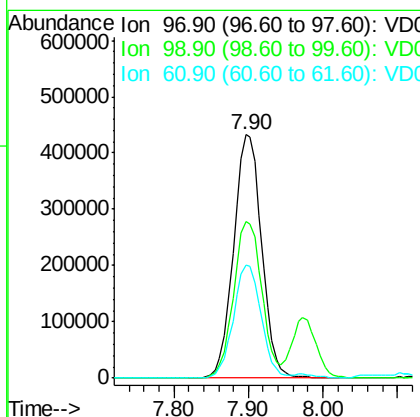
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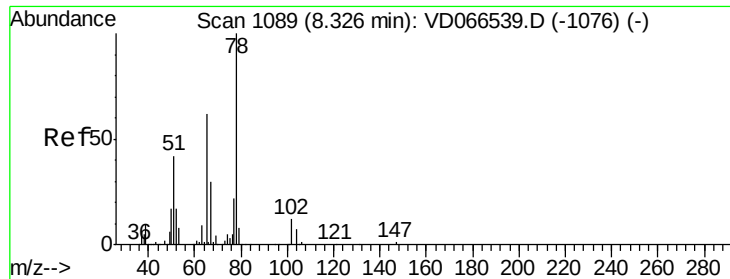
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#32
1,1,1-Trichloroethane
Concen: 153.905 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	45.8	37.4	56.0





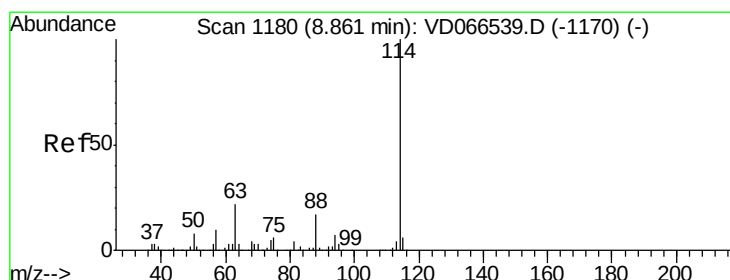
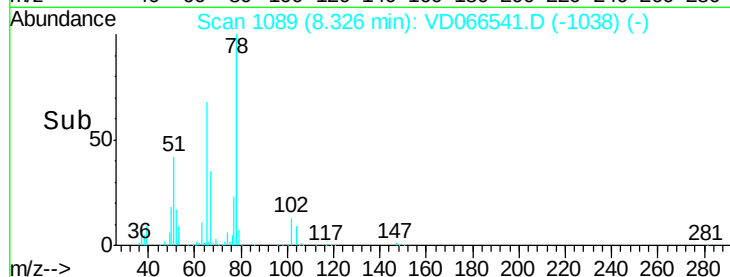
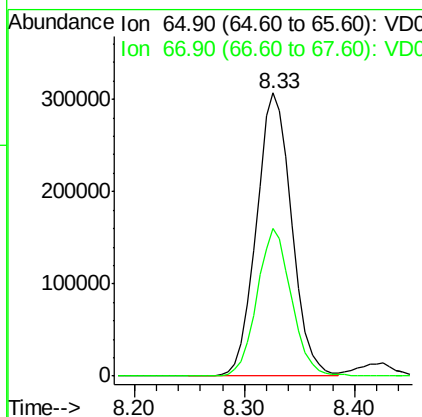
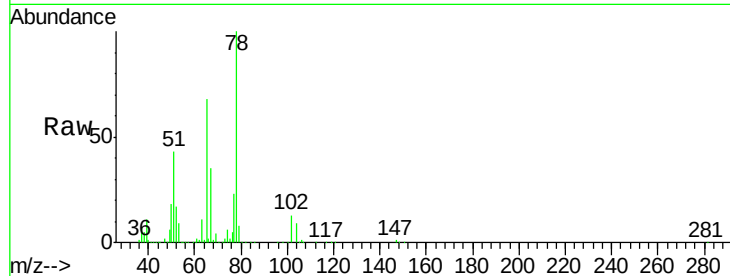
#33
 1,2-Dichloroethane-d4
 Concen: 165.713 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	686491		
67	50.6	0.0	102.8	

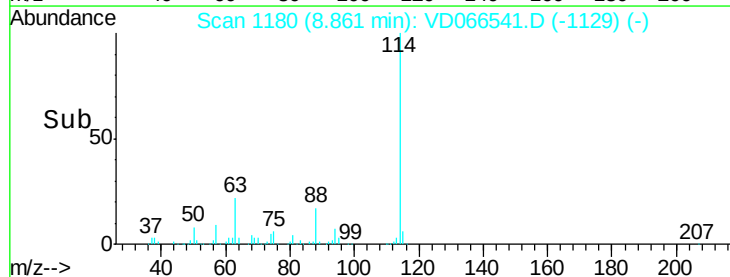
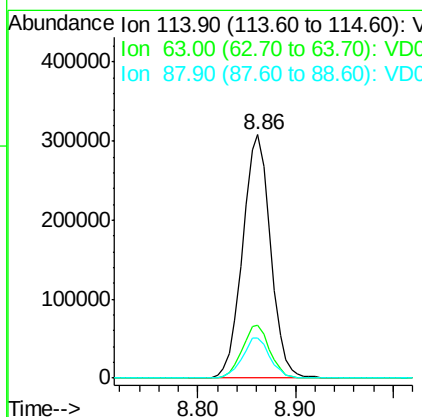
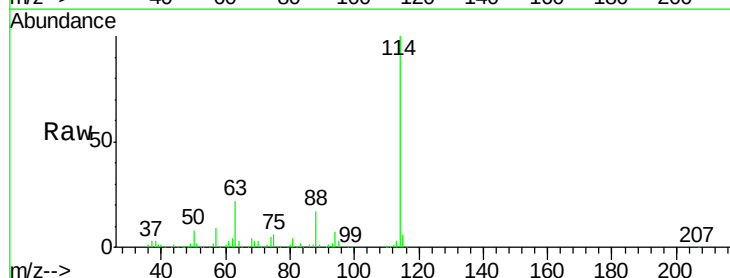
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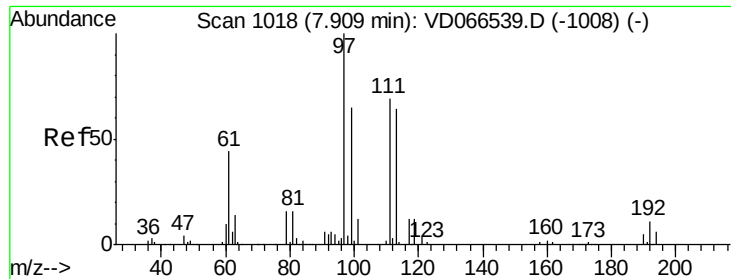
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	618126		
63	21.6	0.0	43.2	
88	16.7	0.0	33.2	





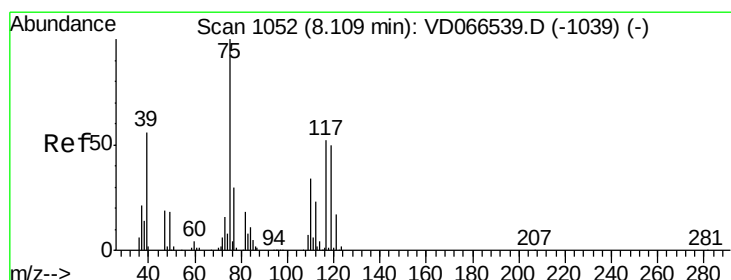
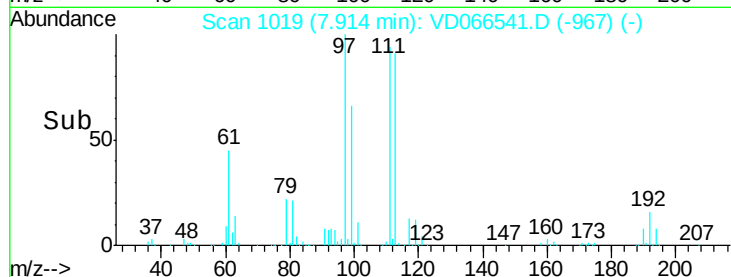
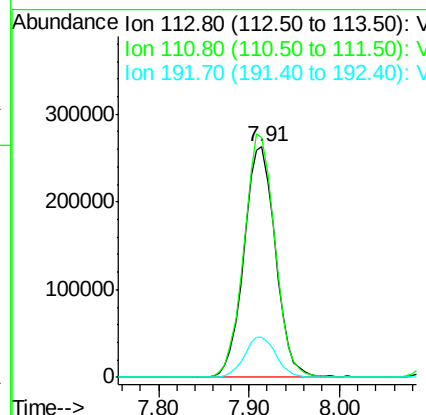
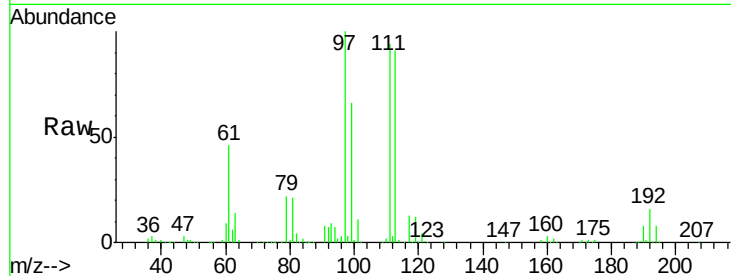
#35
 Dibromofluoromethane
 Concen: 172.451 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	637596		
111	103.7	83.2	124.8	
192	17.6	13.7	20.5	

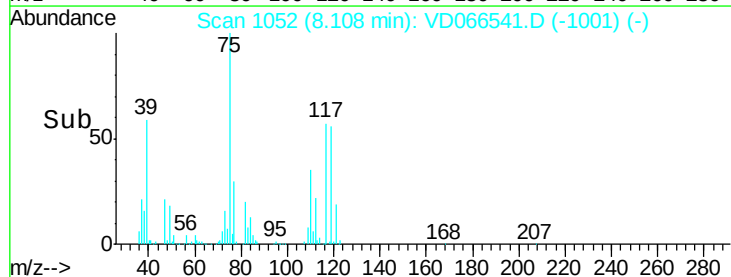
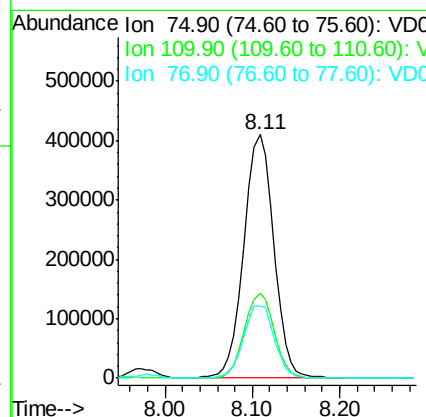
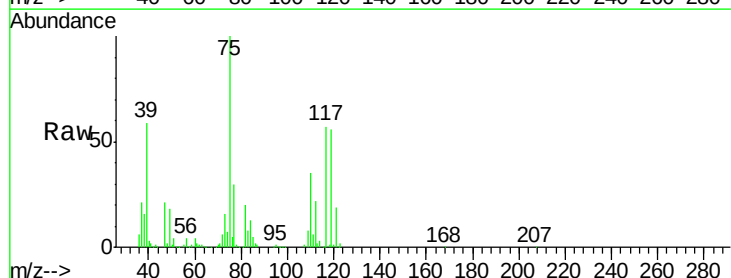
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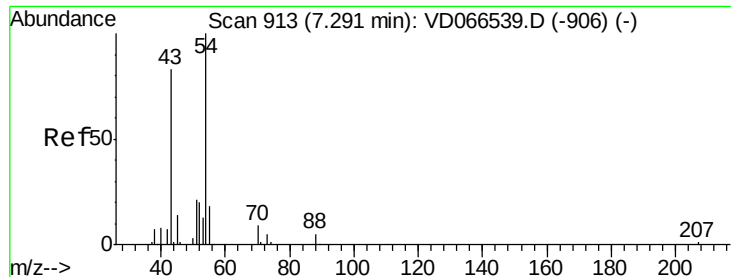
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#36
 1,1-Dichloropropene
 Concen: 171.504 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	950374		
110	34.6	17.3	52.0	
77	30.7	25.1	37.7	





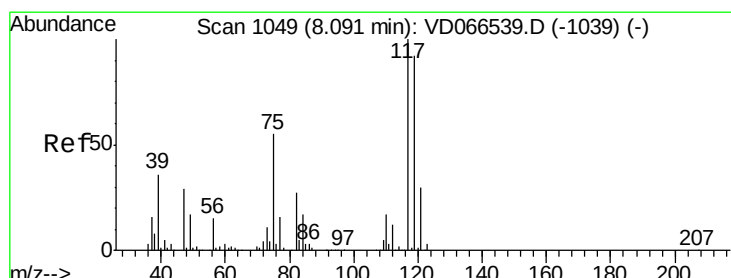
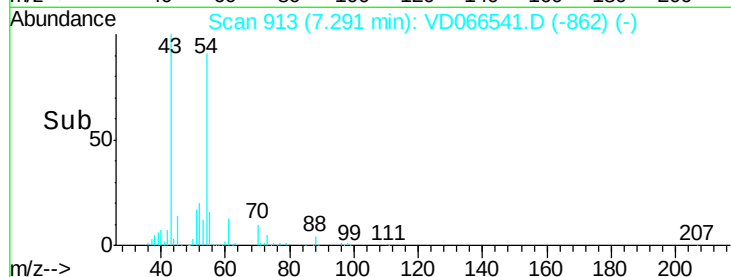
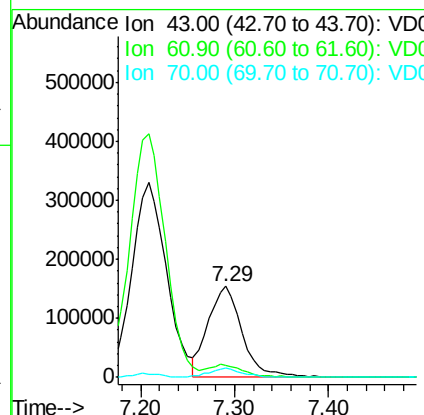
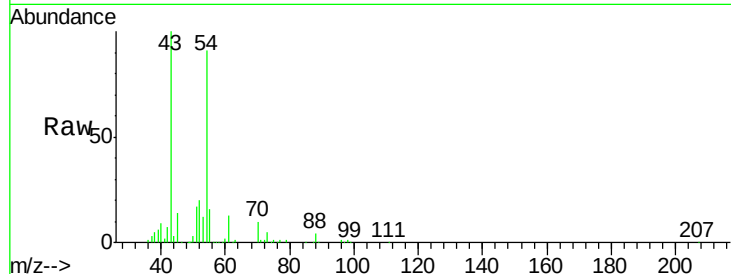
#37
Ethyl Acetate
Concen: 216.559 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.8	17.8
70	9.8	7.9	11.9

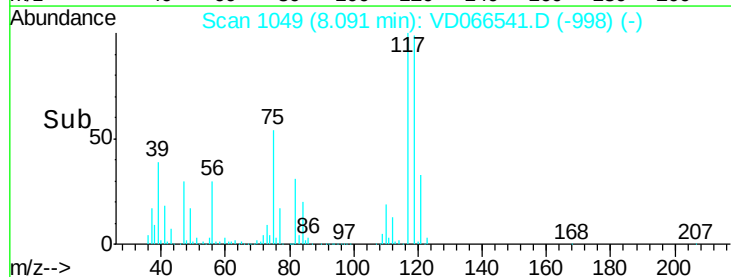
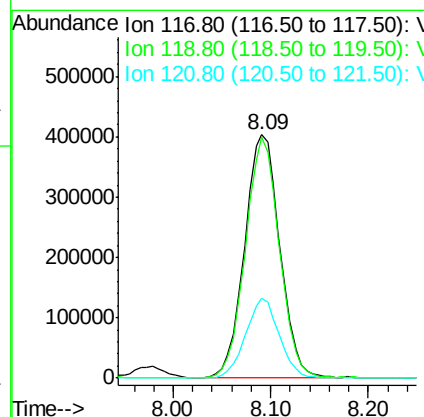
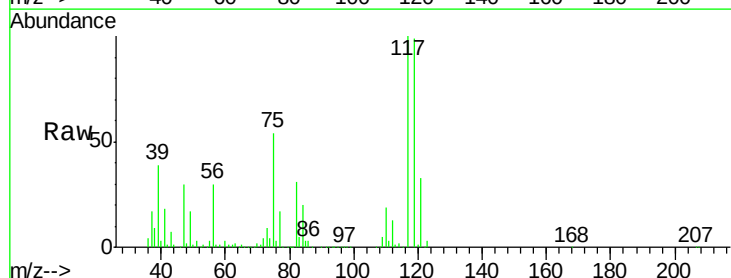
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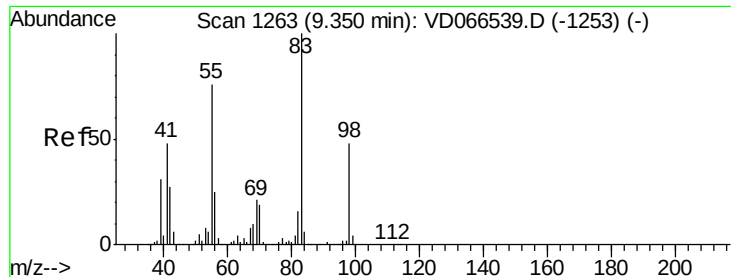
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#38
Carbon Tetrachloride
Concen: 128.276 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	73.9	110.9
121	32.6	24.1	36.1





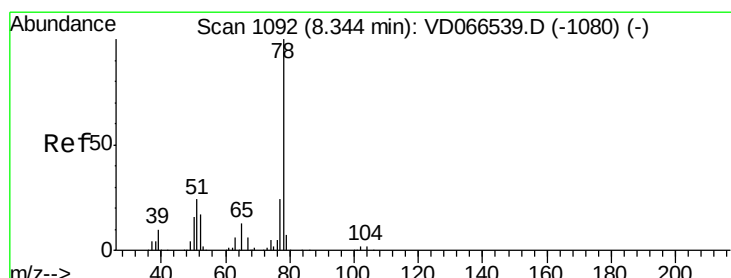
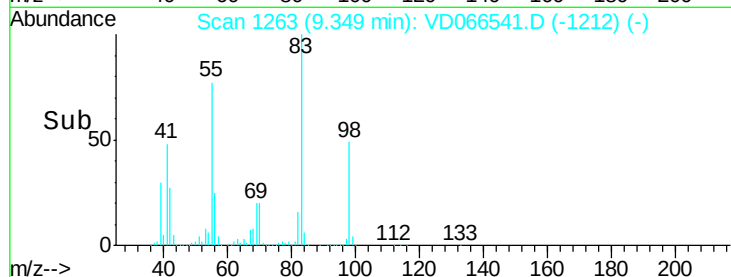
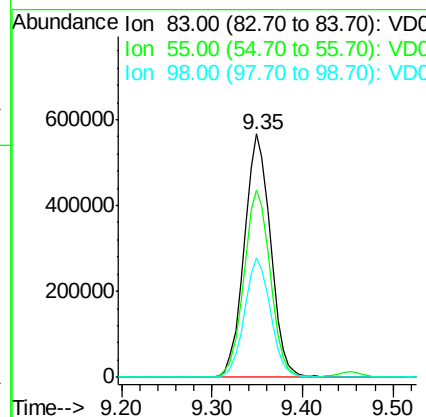
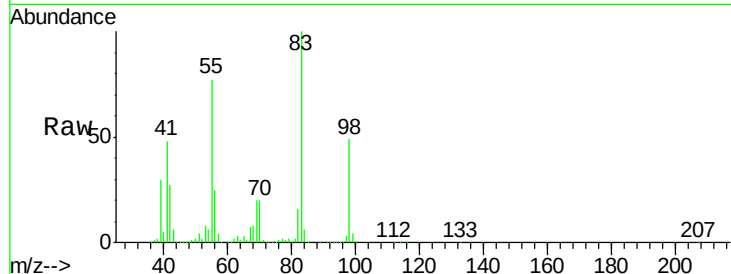
#39
Methylvlcyclohexane
Concen: 175.985 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	1144029
Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.8	91.2
98	49.3	38.6	58.0

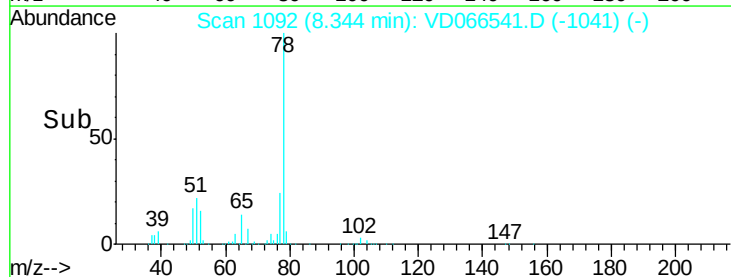
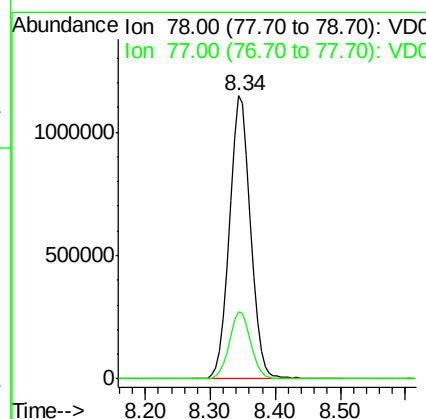
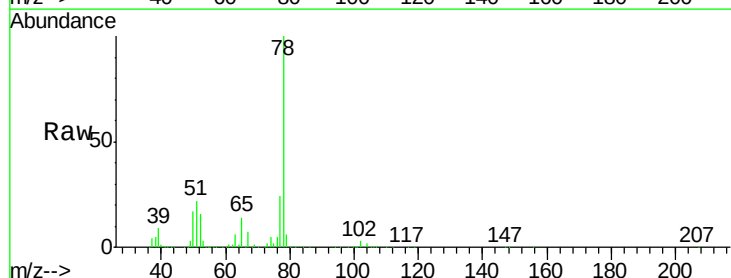
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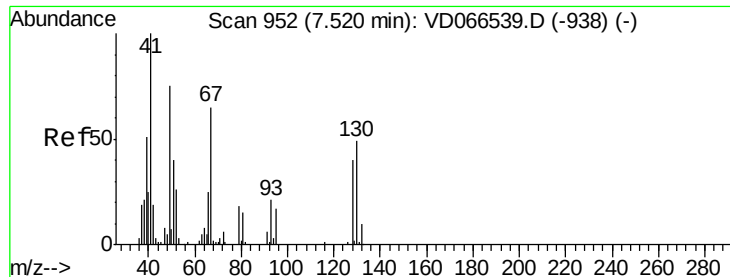
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#40
Benzene
Concen: 178.622 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	78	Resp	2576013
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





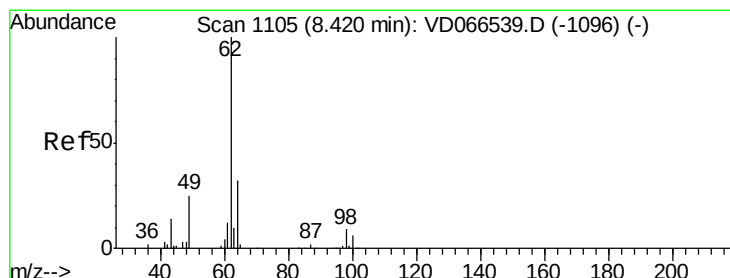
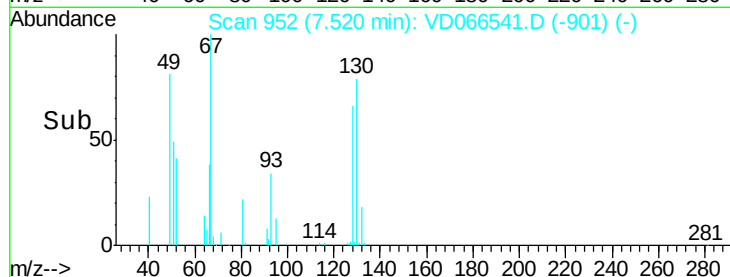
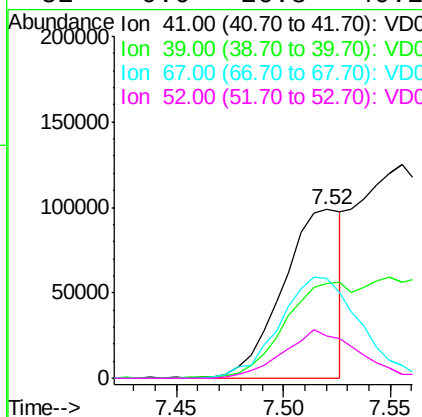
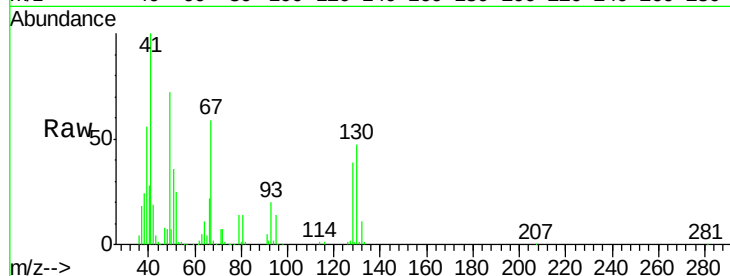
#41
Methacrylonitrile
Concen: 199.992 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	189495		
39	0.0	53.6	80.4#	
67	0.0	59.2	88.8#	
52	0.0	26.8	40.2#	

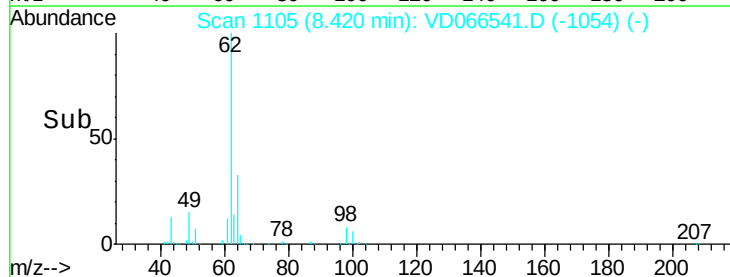
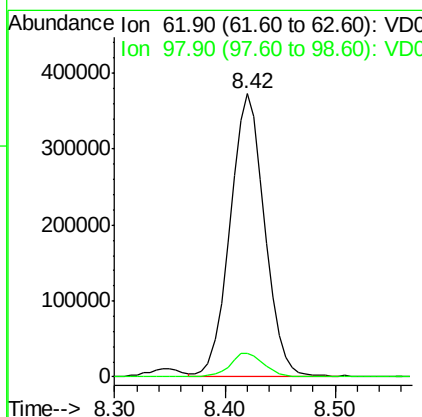
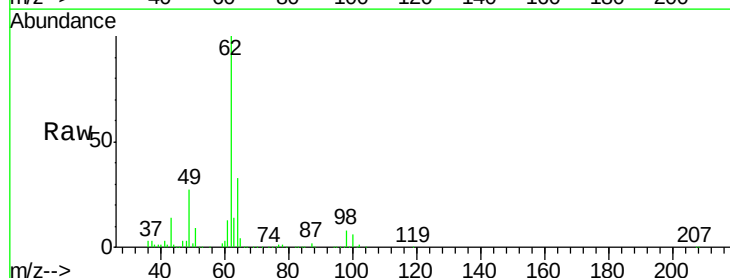
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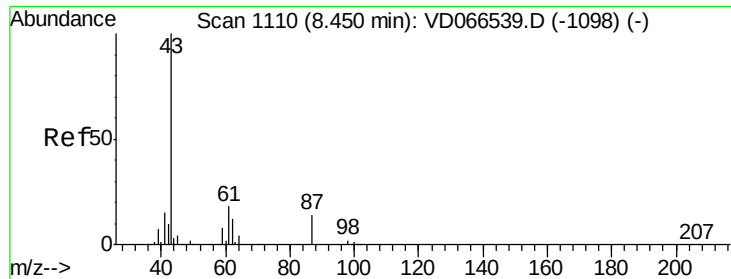
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#42
1,2-Dichloroethane
Concen: 139.752 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	812533		
98	8.5	0.0	17.6	





#43

Isopropyl Acetate

Concen: 208.271 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

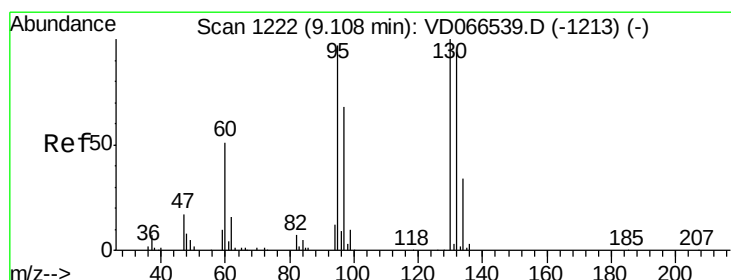
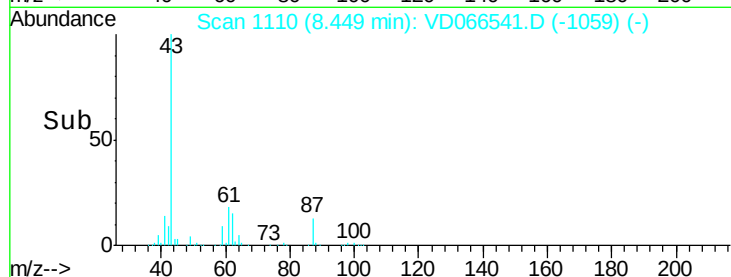
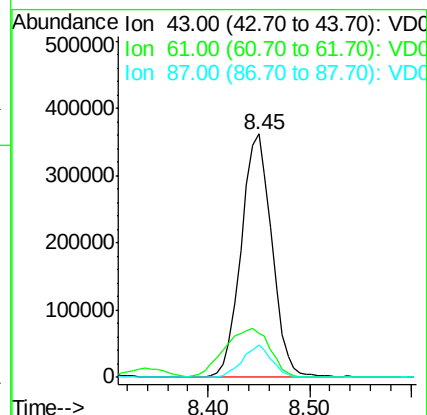
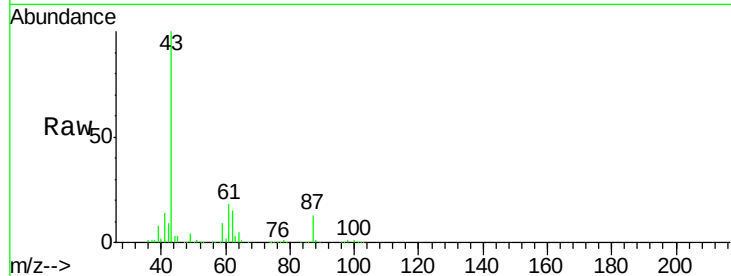
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	756697
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.8
87	12.7	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 143.065 ug/l

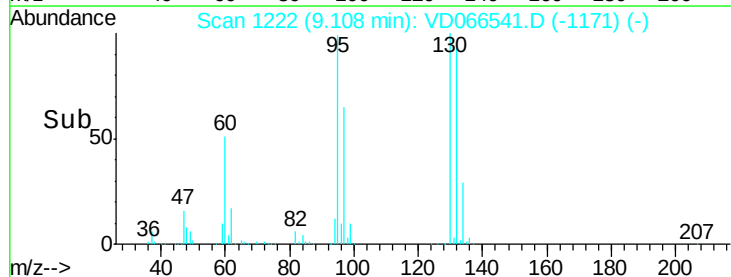
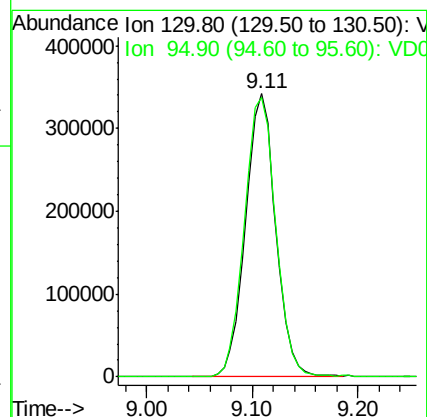
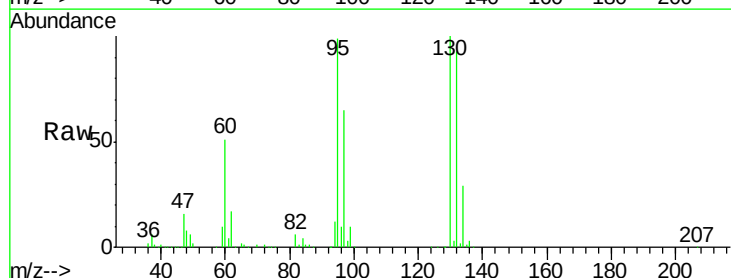
RT: 9.11 min Scan# 1222

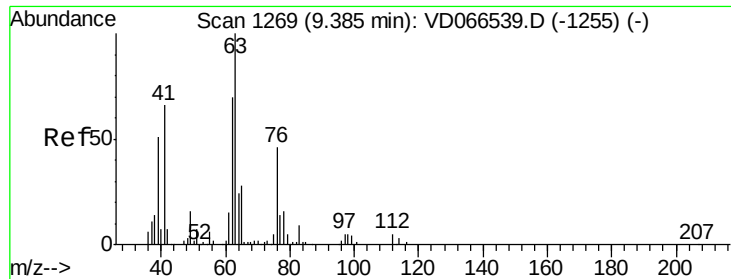
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	130	Resp:	678534
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	194.4





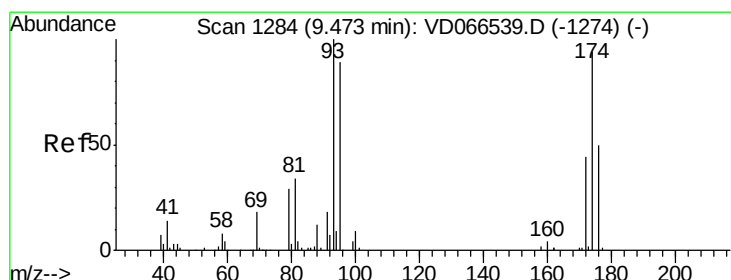
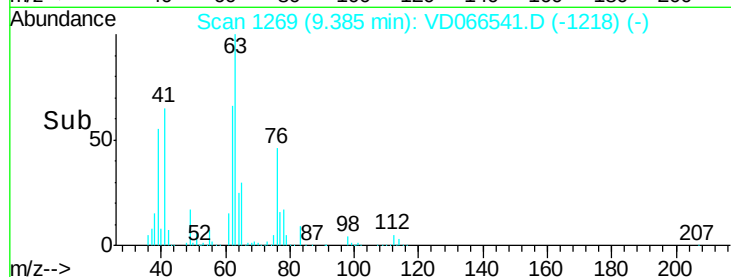
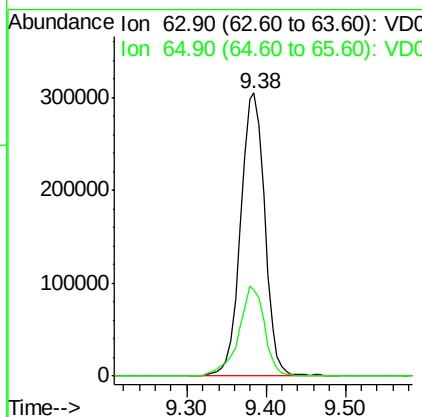
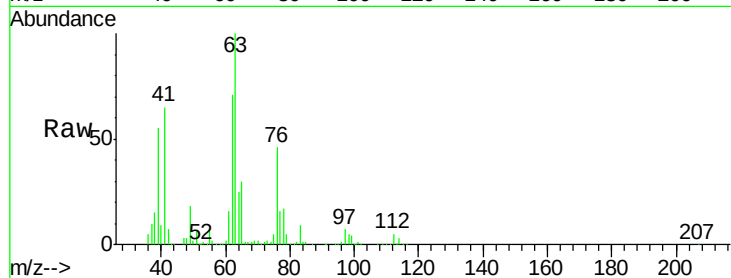
#45
 1,2-Dichloropropane
 Concen: 213.974 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 645724
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.6 34.0

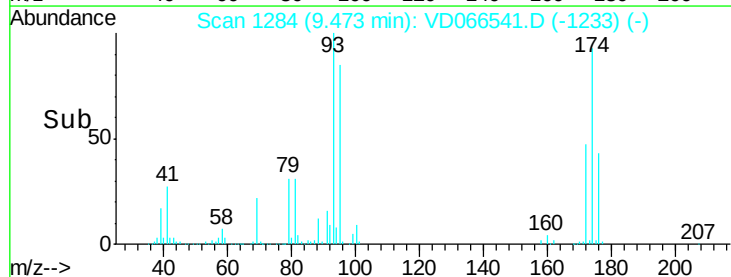
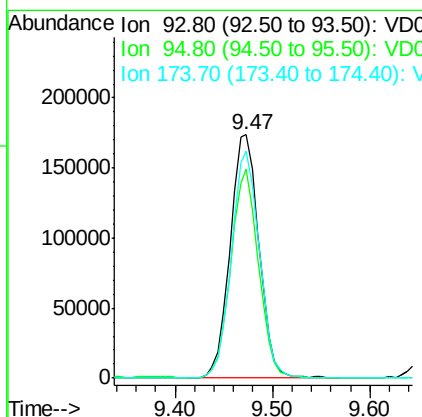
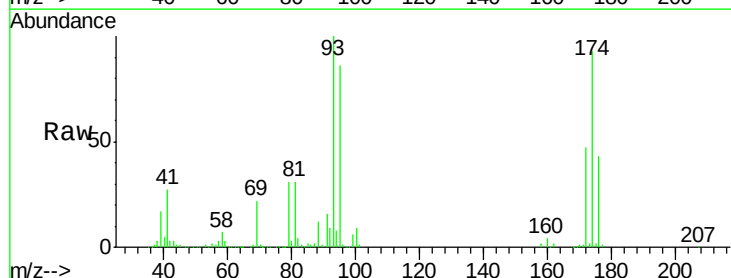
Manual Integrations
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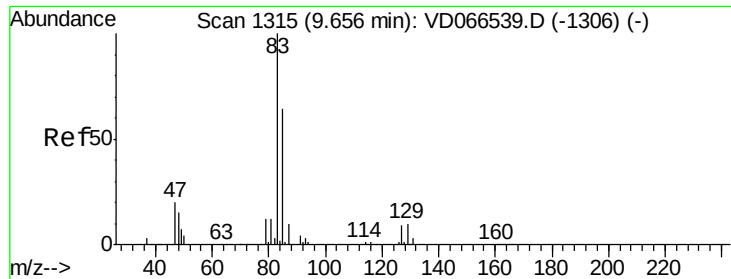
MMDadoda
 9/4/2020 4:54:59 PM



#46
 Dibromomethane
 Concen: 172.298 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion: 93 Resp: 357093
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.7 103.1
 174 90.8 70.0 105.0





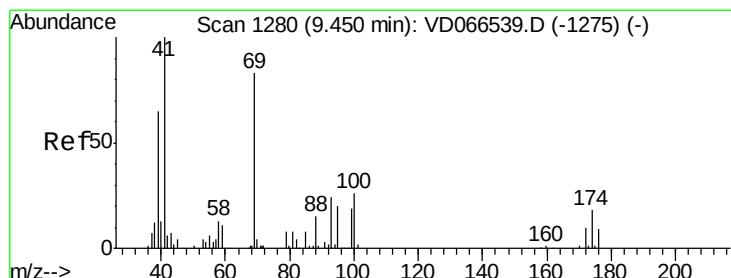
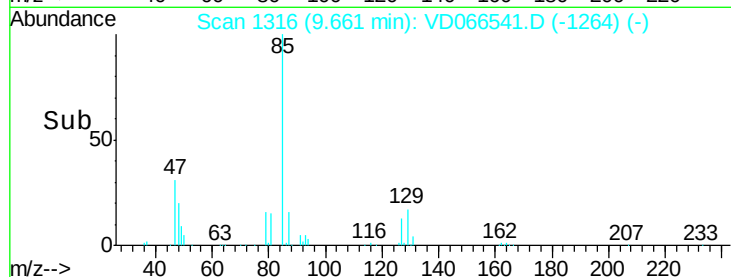
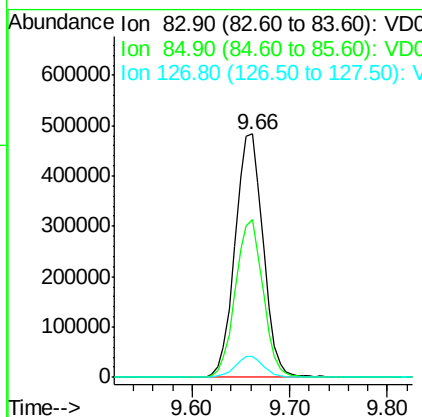
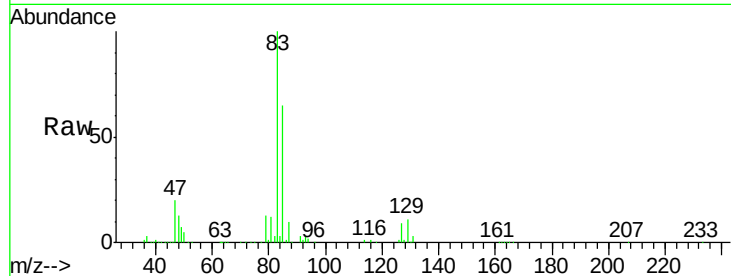
#47
Bromodichloromethane
Concen: 159.824 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	969585
Ion Ratio	100		
83	100		
85	64.8	51.1	76.7
127	8.5	6.9	10.3

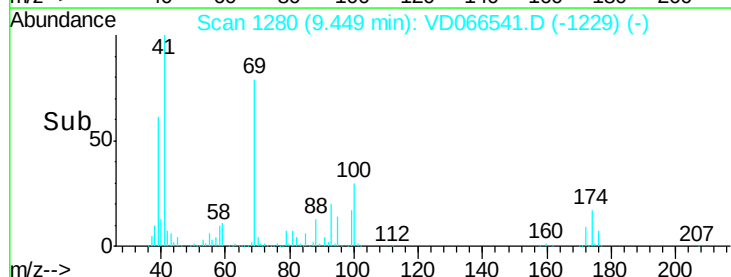
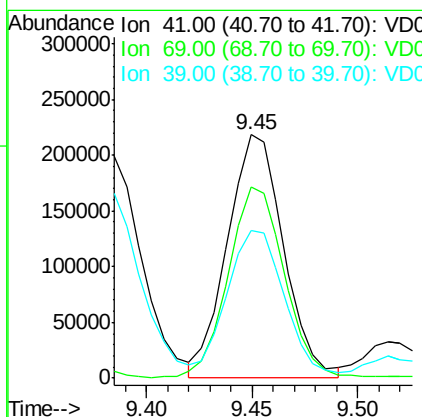
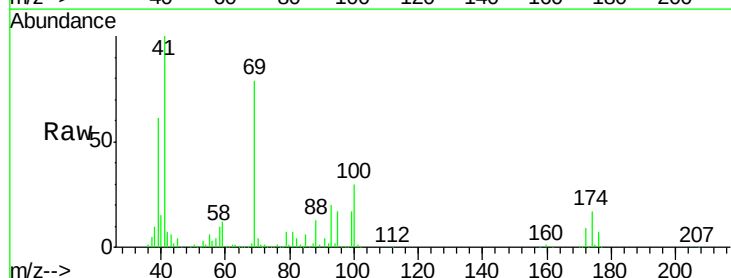
Manual Integrations
APPROVED

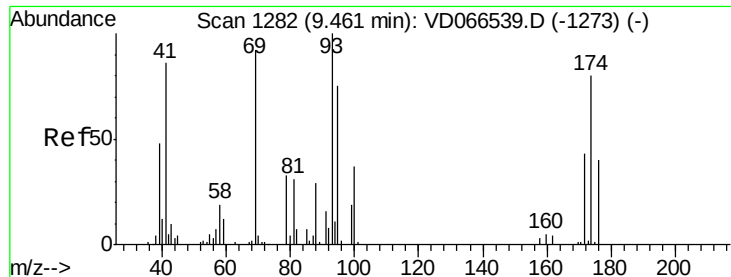
MMDadoda
9/4/2020 4:54:59 PM



#48
Methyl methacrylate
Concen: 216.840 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	41	Resp	402032
Ion Ratio	100		
41	100		
69	79.2	64.5	96.7
39	57.4	46.6	69.8





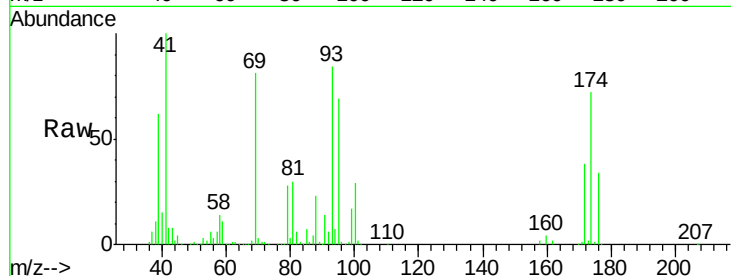
#49
1,4-Dioxane
Concen: 3431.881 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	82310		
43	32.7		28.3	42.5
58	69.9		56.1	84.1

Manual Integrations
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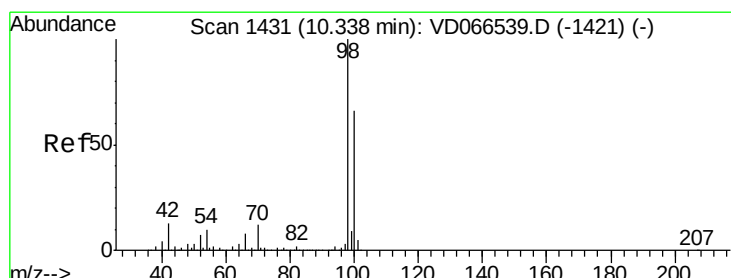
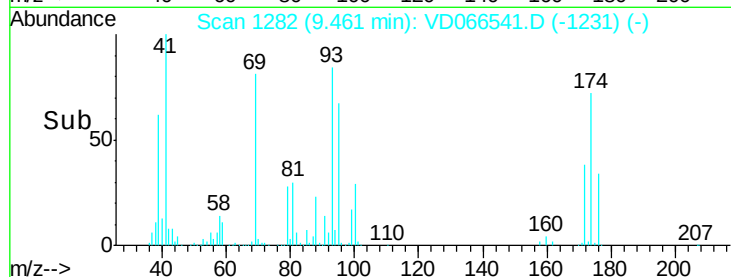
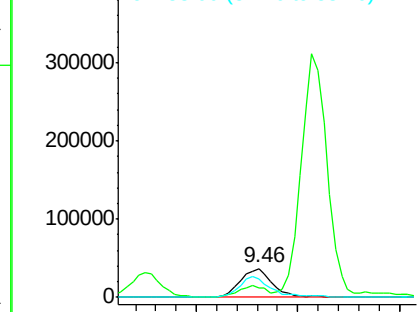


Abundance

Ion 88.00 (87.70 to 88.70): VDC

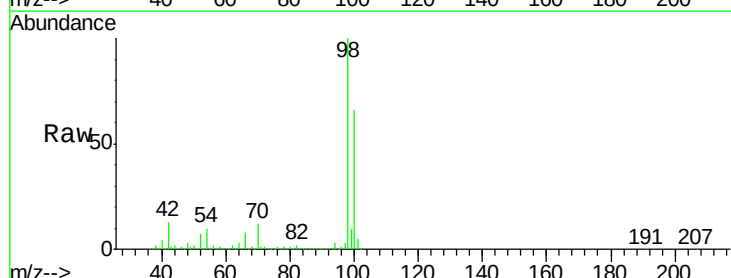
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 173.337 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

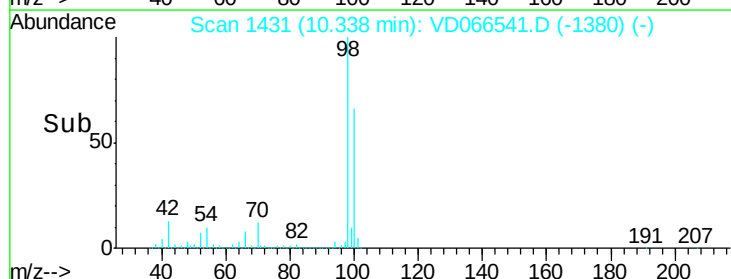
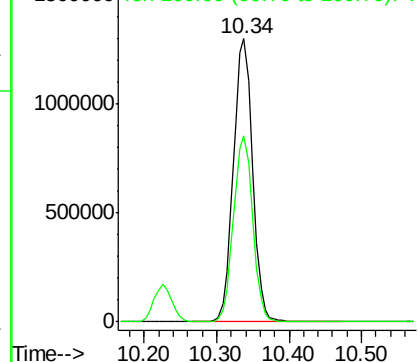
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2392887		
100	66.1		52.9	79.3

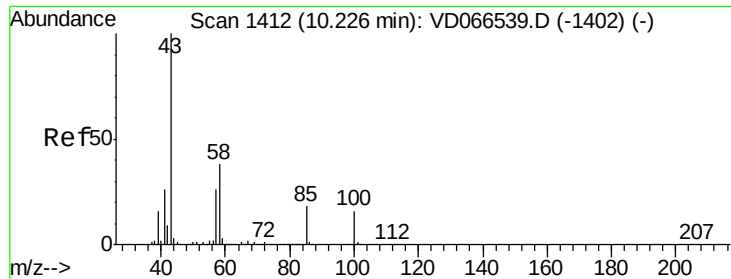


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 1131.128 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1927704

Ion Ratio Lower Upper

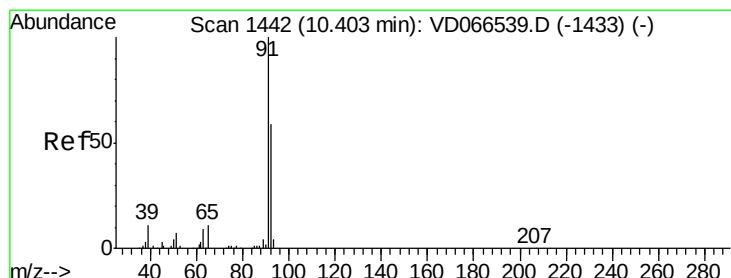
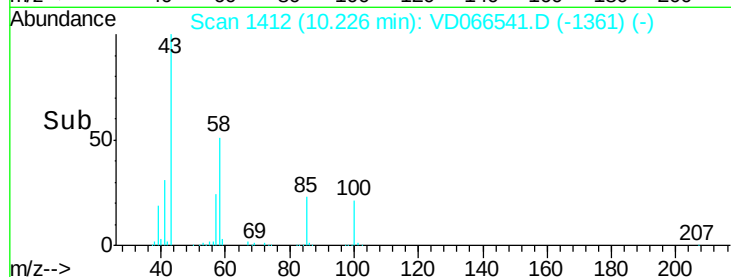
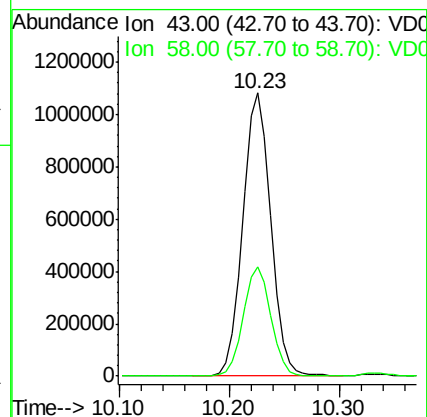
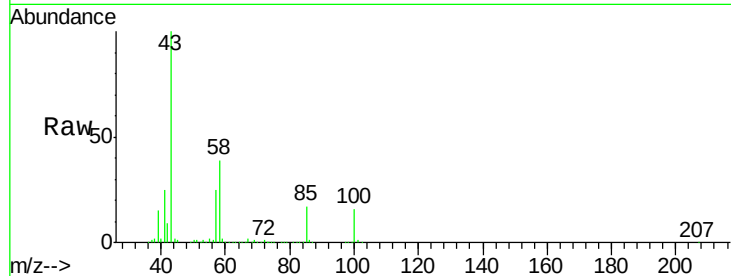
43 100

58 38.2 30.5 45.7

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#52

Toluene

Concen: 166.825 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066541.D

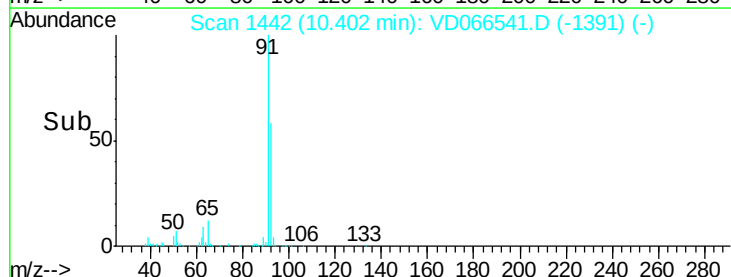
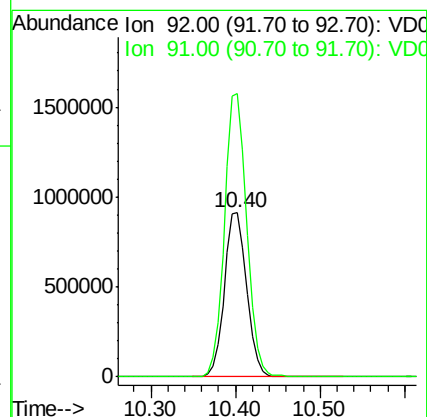
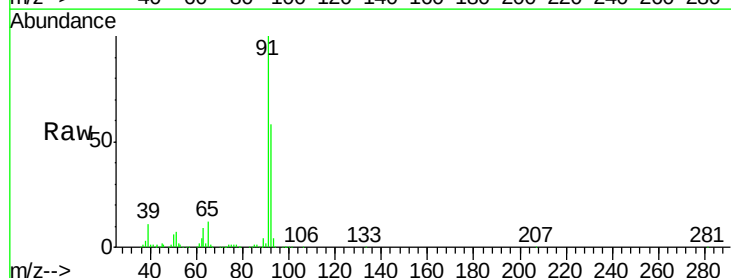
Acq: 03 Sep 2020 16:50

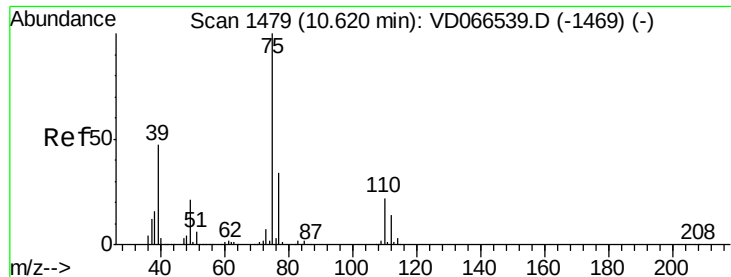
Tgt Ion: 92 Resp: 1678487

Ion Ratio Lower Upper

92 100

91 171.8 137.4 206.2





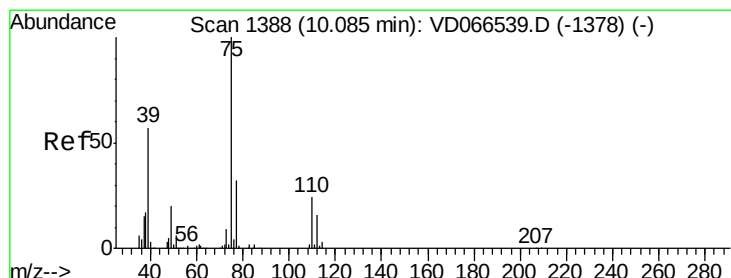
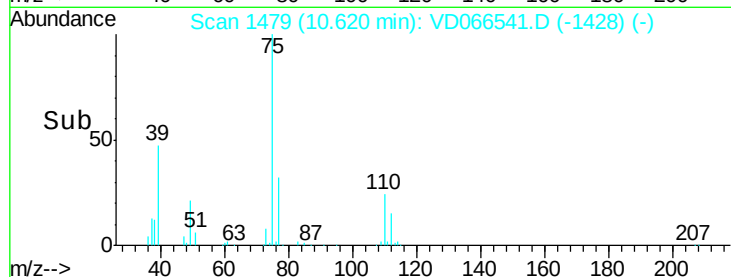
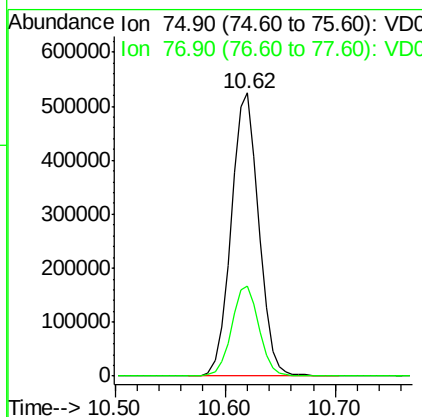
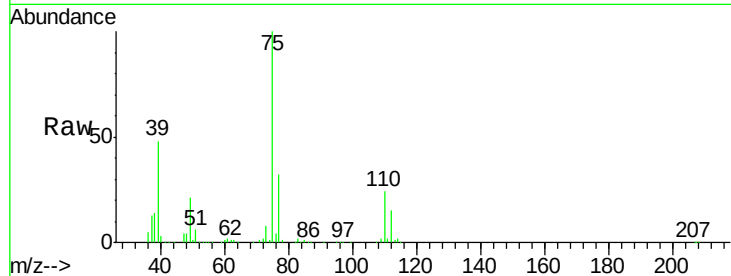
#53
t-1,3-Dichloropropene
Concen: 166.665 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion: 75 Resp: 917921
Ion Ratio Lower Upper
75 100
77 32.0 27.4 41.2

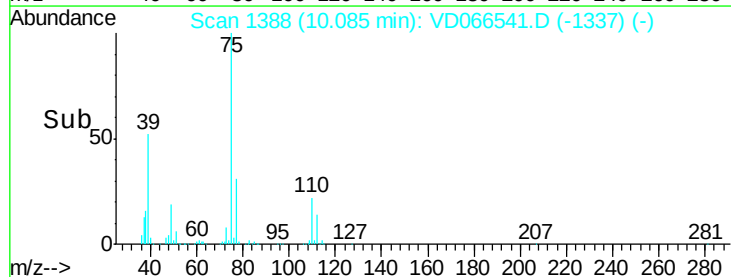
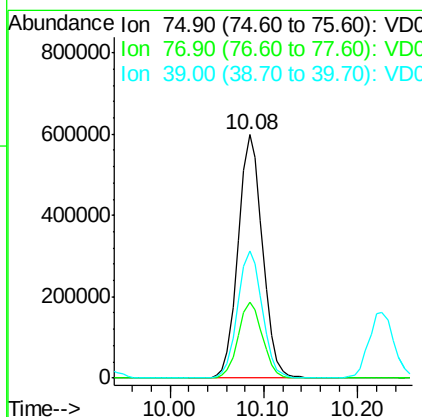
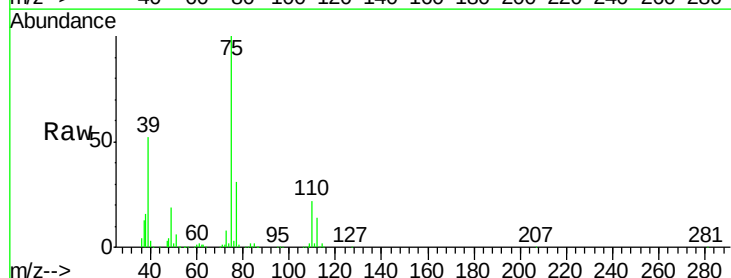
Manual Integrations
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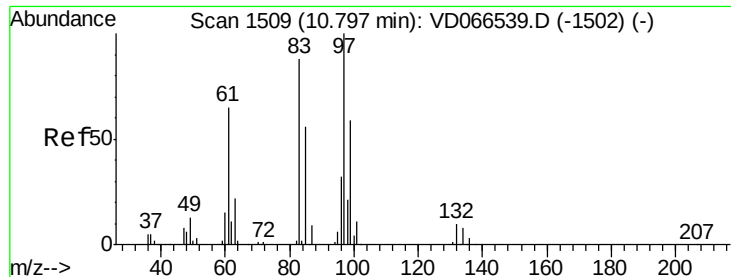
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#54
cis-1,3-Dichloropropene
Concen: 181.350 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 75 Resp: 1078126
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 52.0 45.4 68.0





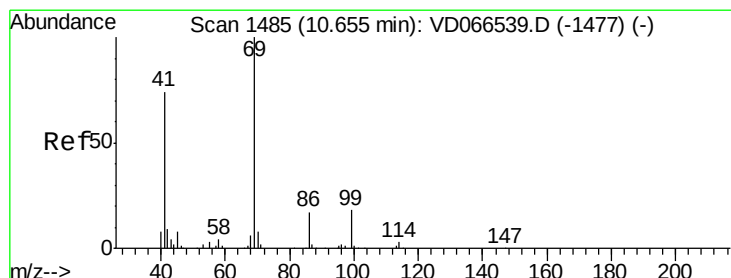
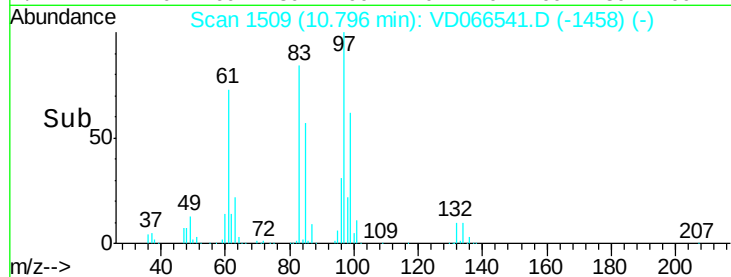
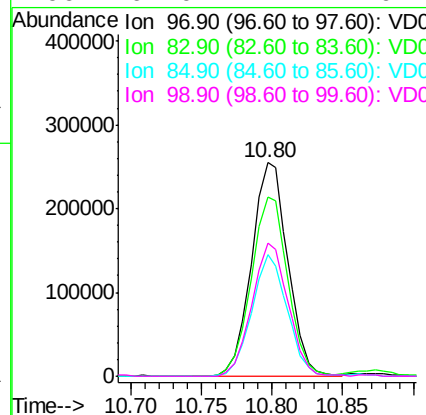
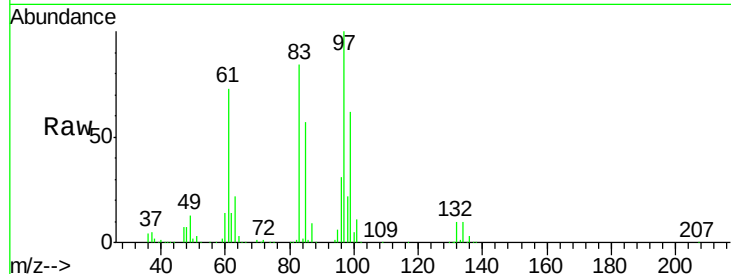
#55
 1,1,2-Trichloroethane
 Concen: 175.643 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	460846
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.1	105.1
85	56.8	44.5	66.7
99	62.0	47.1	70.7

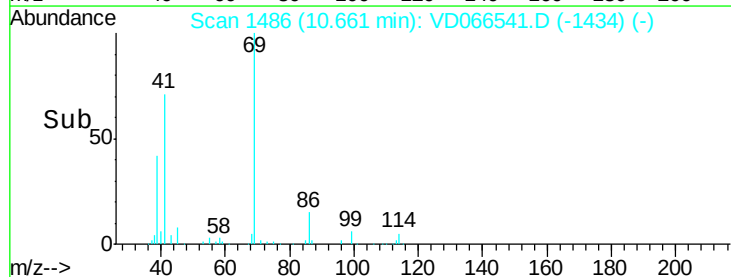
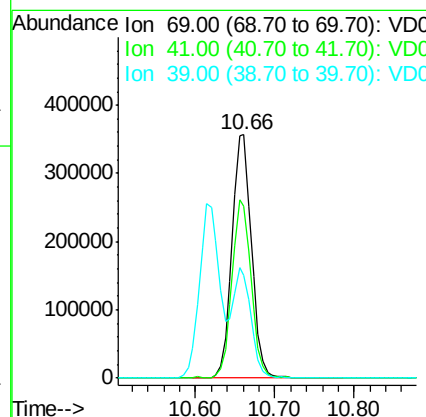
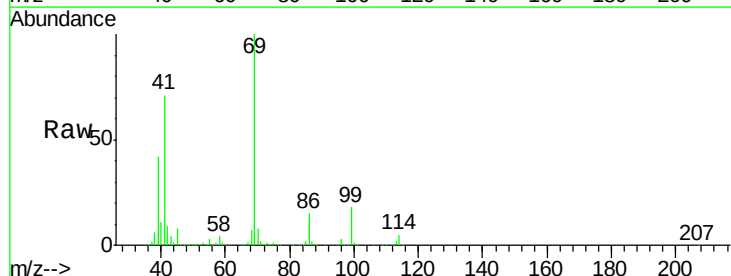
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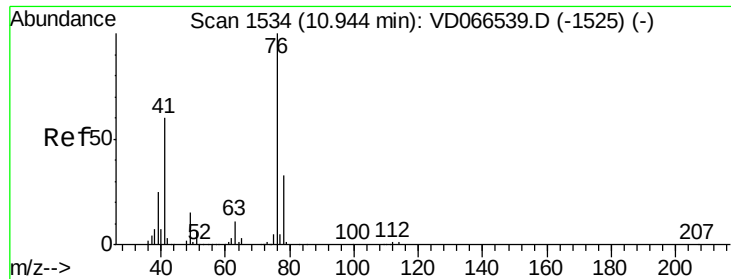
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#56
 Ethyl methacrylate
 Concen: 193.828 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion:	69	Resp:	606665
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.8	85.2
39	43.2	30.6	46.0





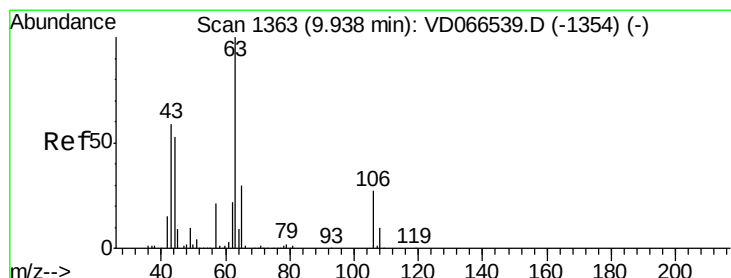
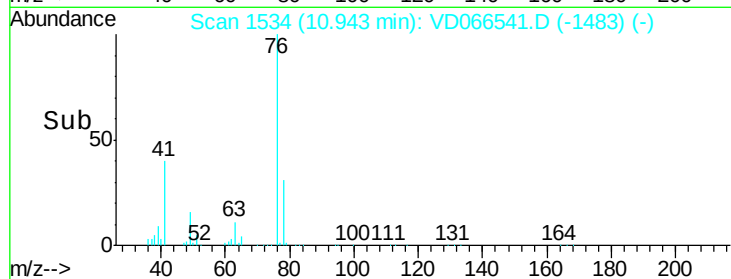
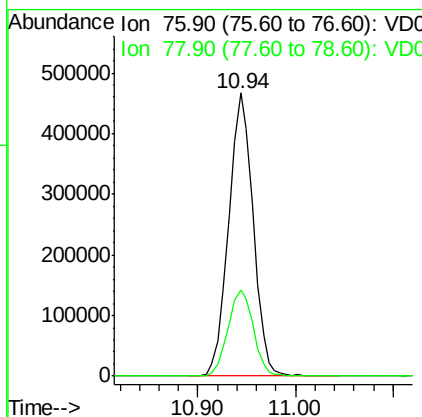
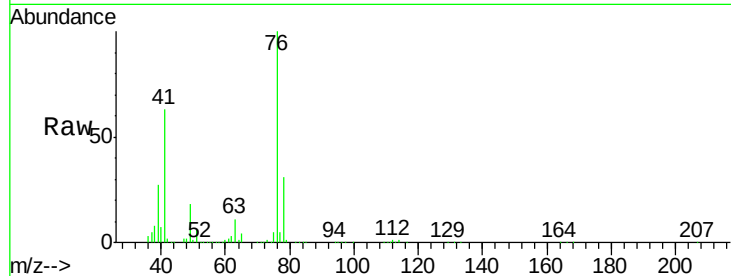
#57
 1,3-Dichloropropane
 Concen: 184.409 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

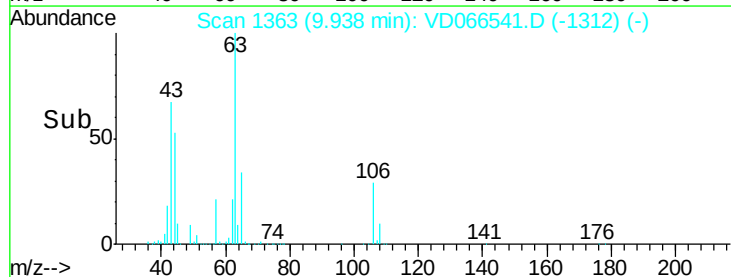
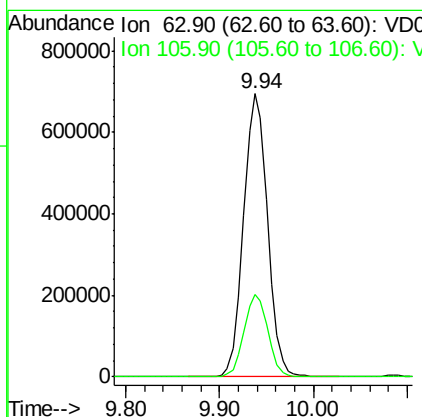
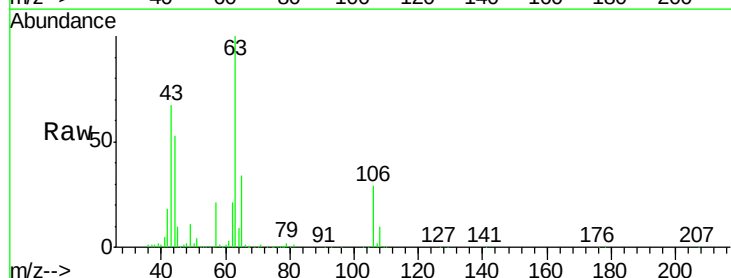
Manual Integrations
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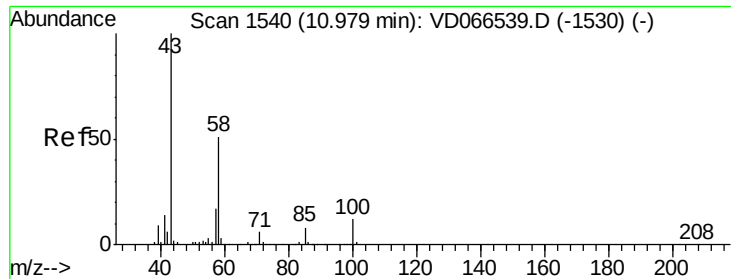
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#58
 2-Chloroethyl Vinyl ether
 Concen: 970.485 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.0	33.0





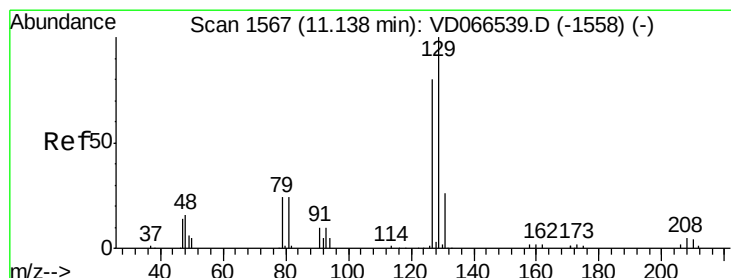
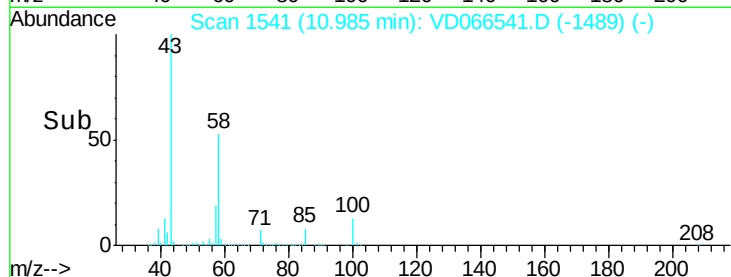
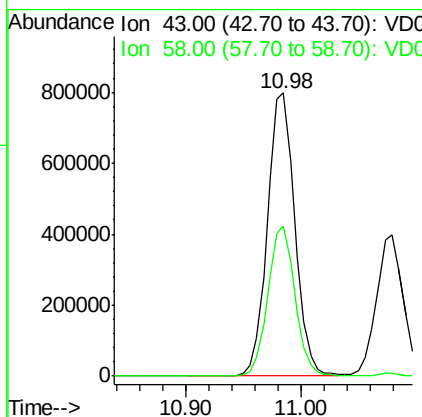
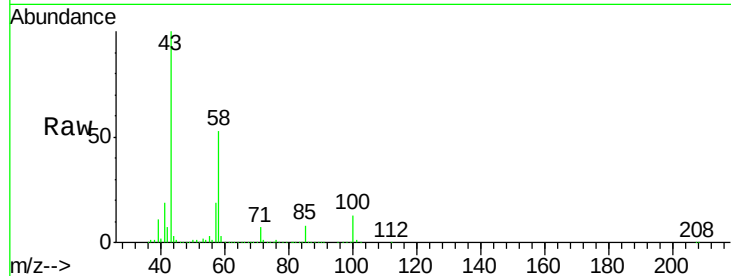
#59
2-Hexanone
Concen: 1085.253 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1326841
Ion Ratio Lower Upper
43 100
58 52.2 25.6 76.8

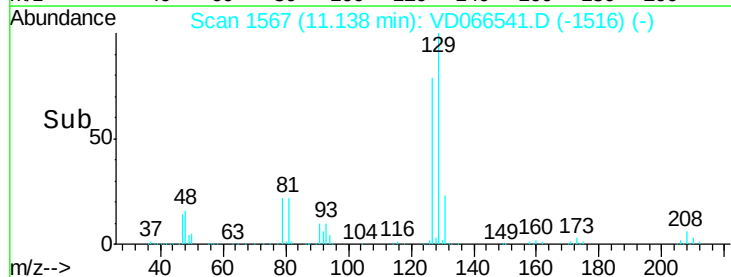
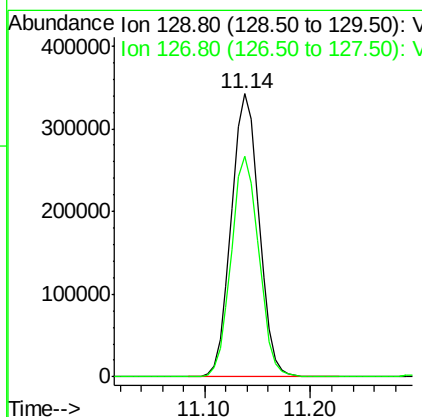
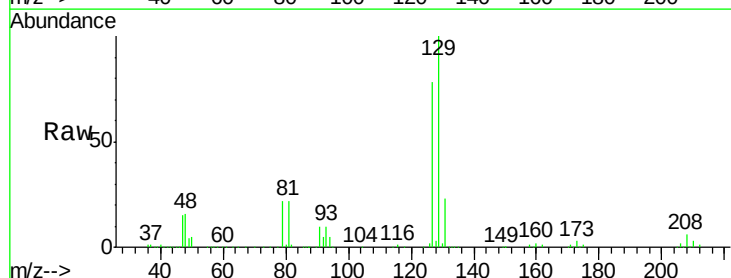
Manual Integrations
APPROVED

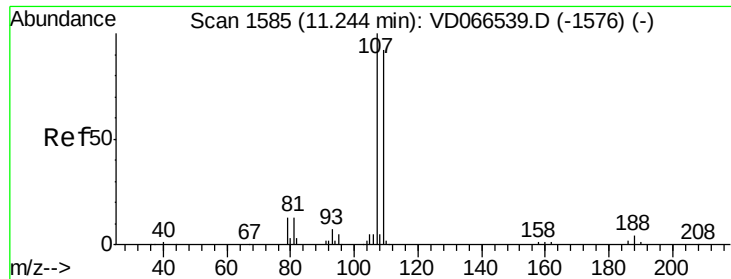
MMDadoda
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#60
Dibromochloromethane
Concen: 148.427 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 129 Resp: 620621
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3





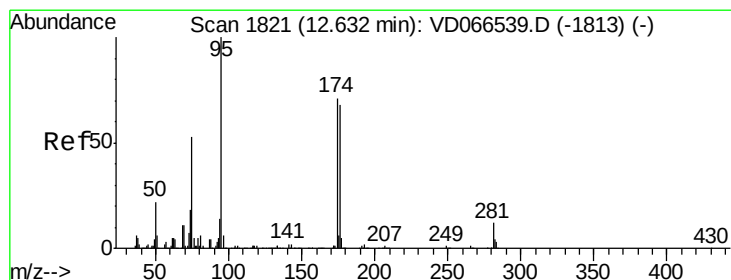
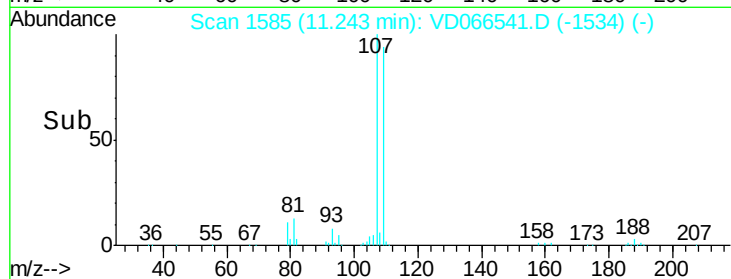
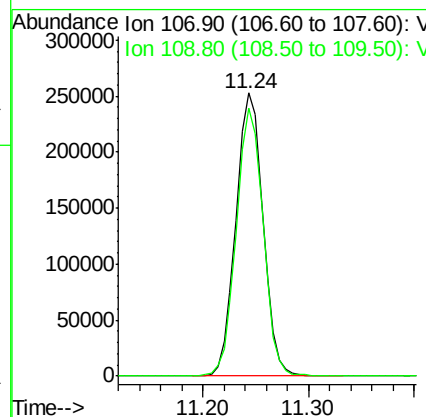
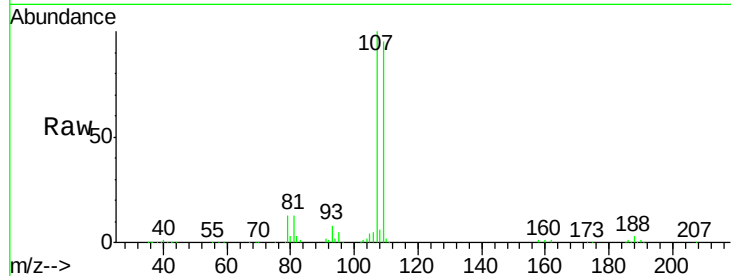
#61
 1,2-Dibromoethane
 Concen: 167.097 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.4	111.6

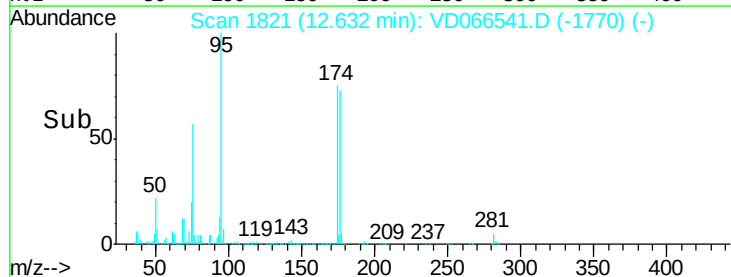
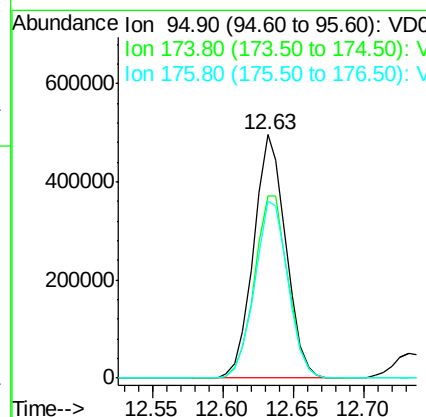
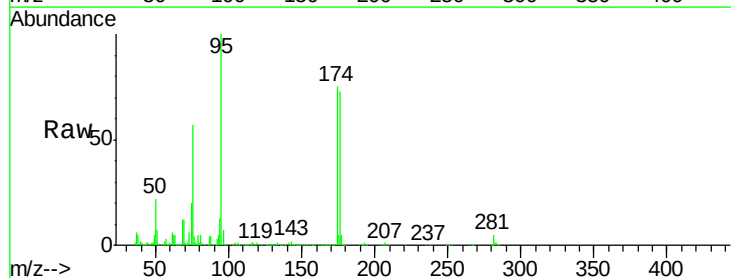
Manual Integrations
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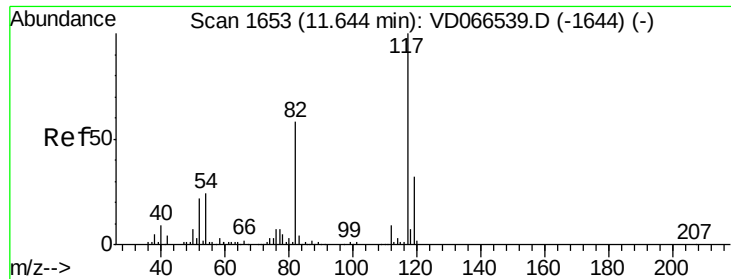
MMDadoda
 9/4/2020 4:54:59 PM



#62
 4-Bromofluorobenzene
 Concen: 161.652 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	155.8
176	75.1	0.0	148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

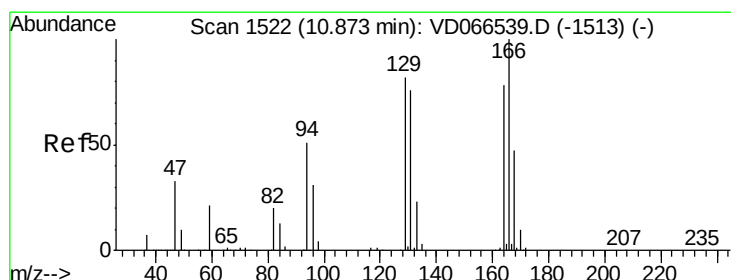
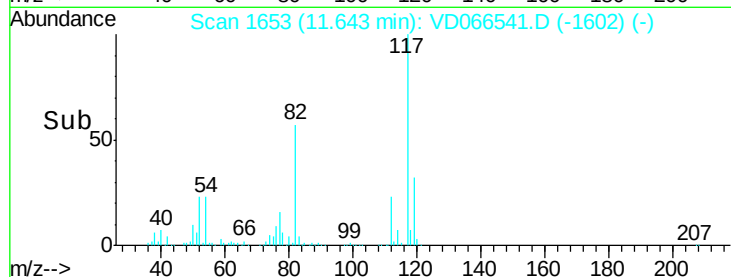
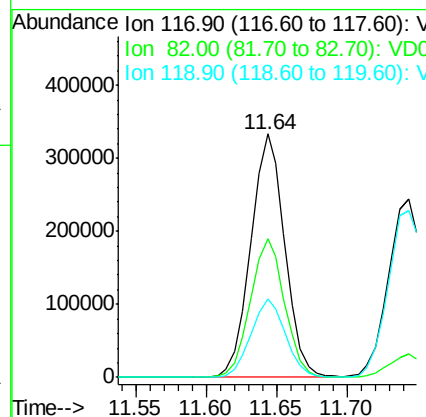
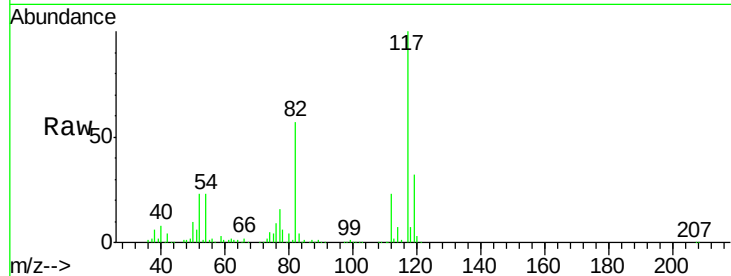
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	563519
Ion Ratio	Lower	Upper	
117	100		
82	56.9	46.2	69.2
119	32.4	25.8	38.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 128.780 ug/l

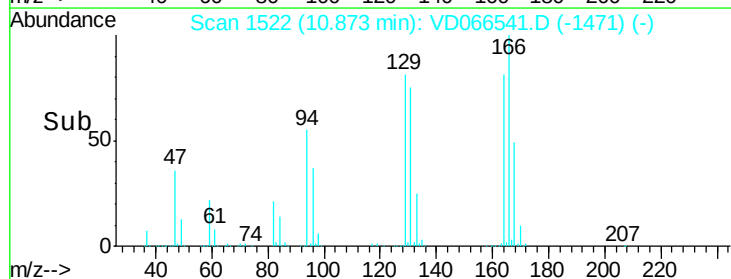
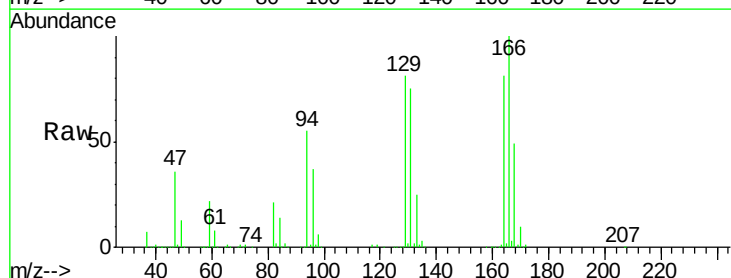
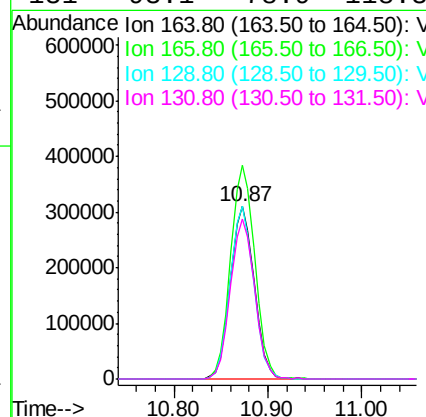
RT: 10.87 min Scan# 1522

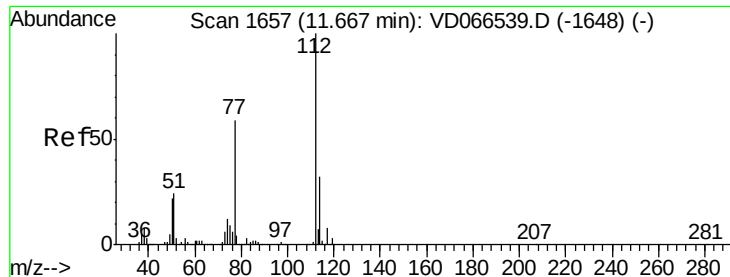
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	164	Resp:	549375
Ion Ratio	Lower	Upper	
164	100		
166	123.8	103.2	154.8
129	100.1	84.5	126.7
131	93.1	78.9	118.3





#65

Chlorobenzene

Concen: 154.360 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1708790

Ion Ratio Lower Upper

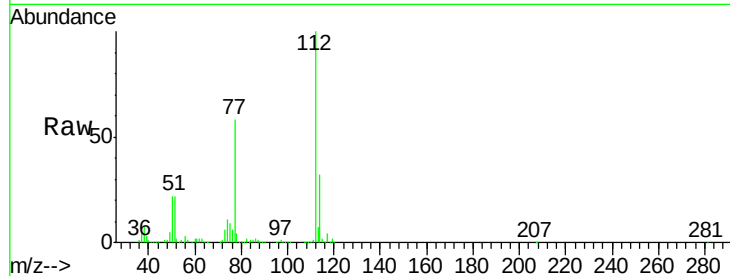
112 100

114 31.5 25.7 38.5

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APPROVED

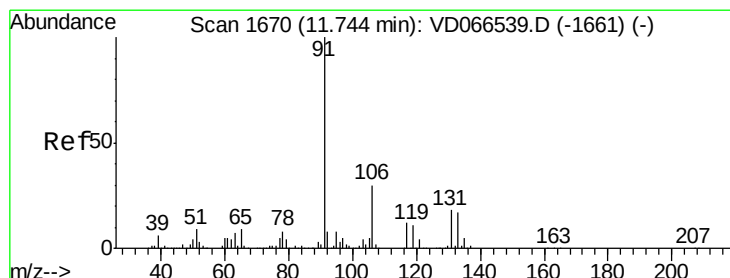
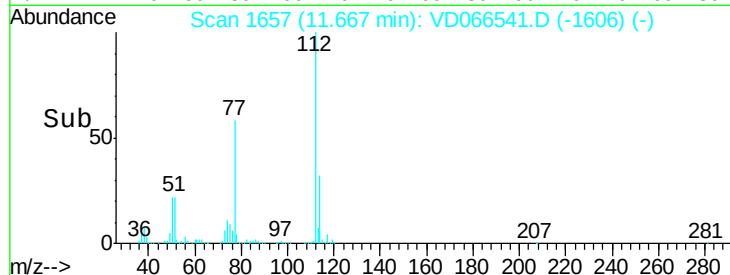
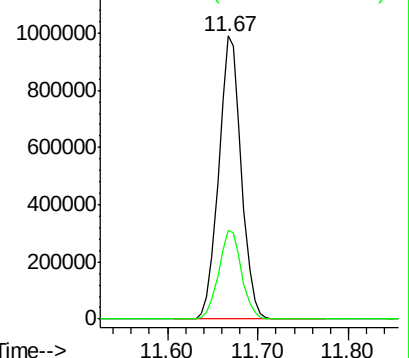
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 141.628 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

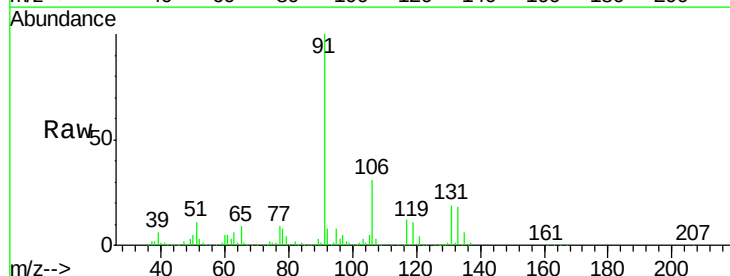
Tgt Ion:131 Resp: 653069

Ion Ratio Lower Upper

131 100

133 94.6 46.7 140.0

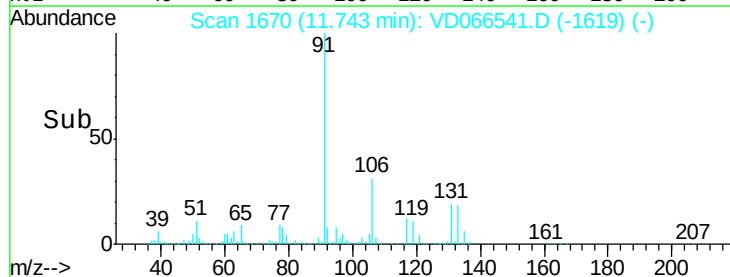
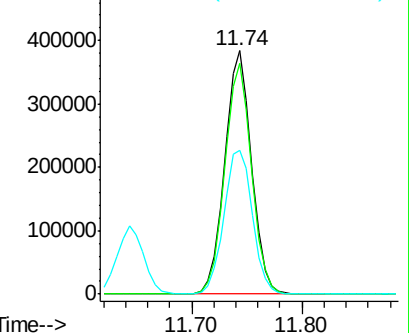
119 63.1 31.9 95.7

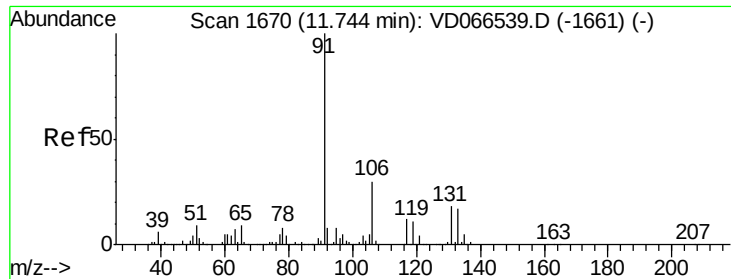


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





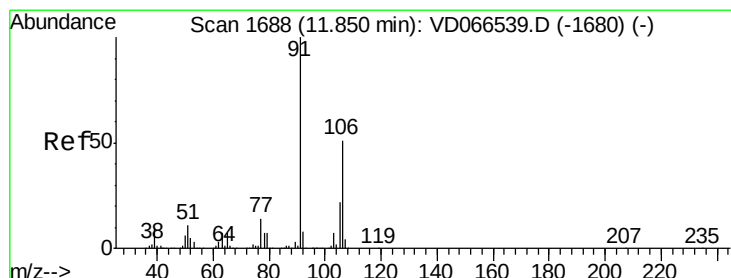
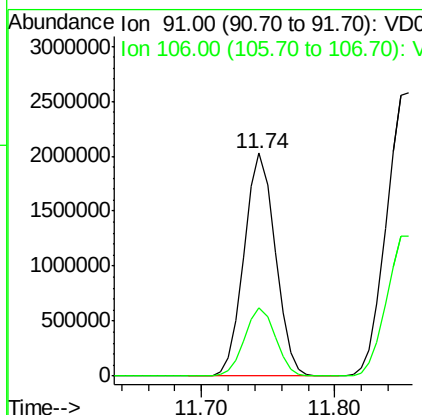
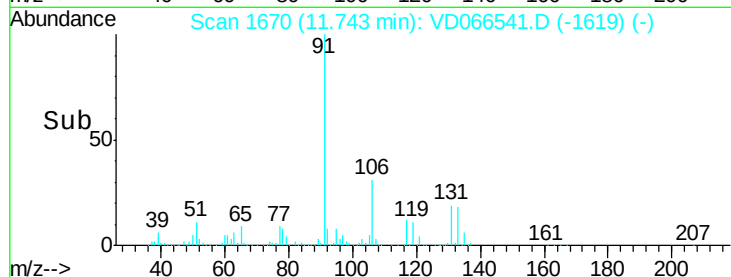
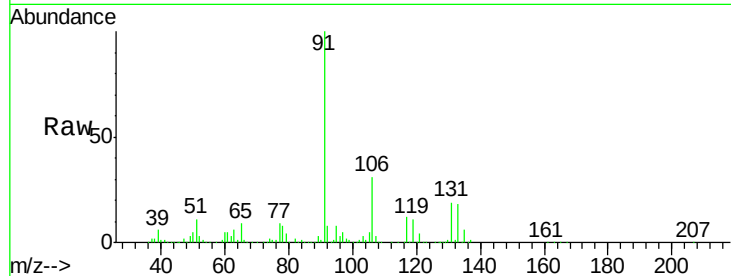
#67
Ethyl Benzene
Concen: 166.452 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3280949
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

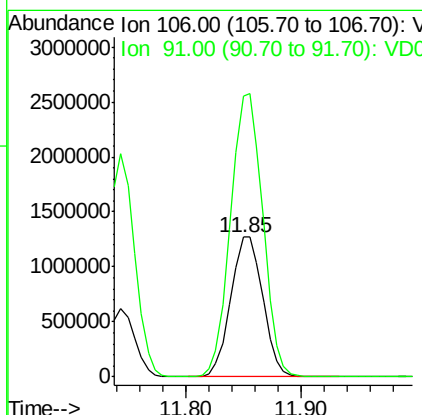
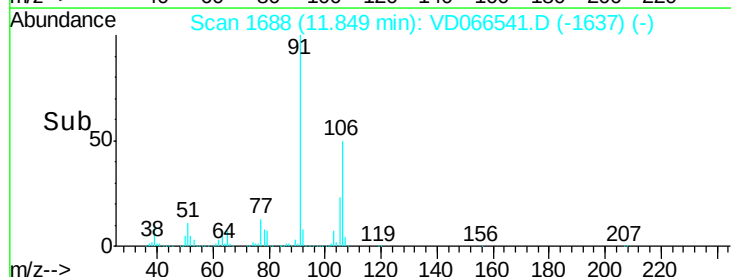
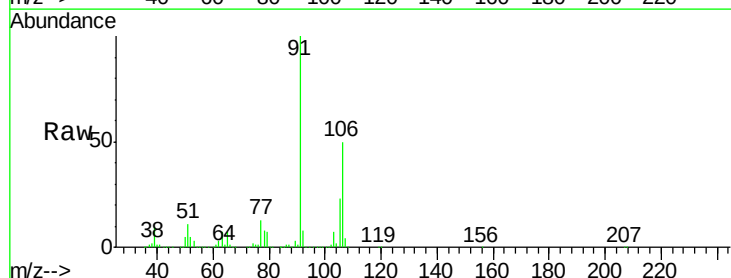
Manual Integrations
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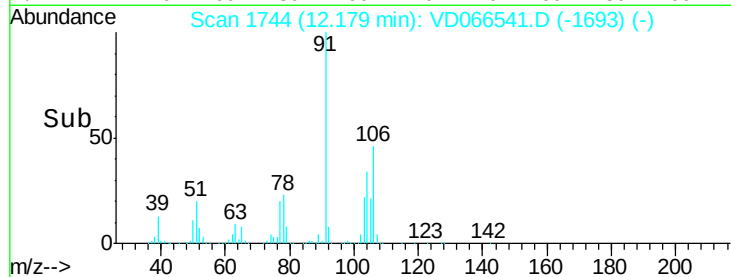
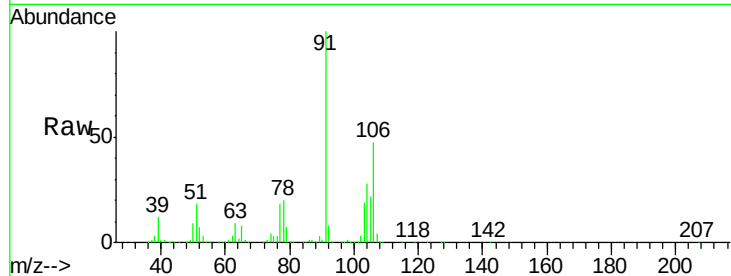
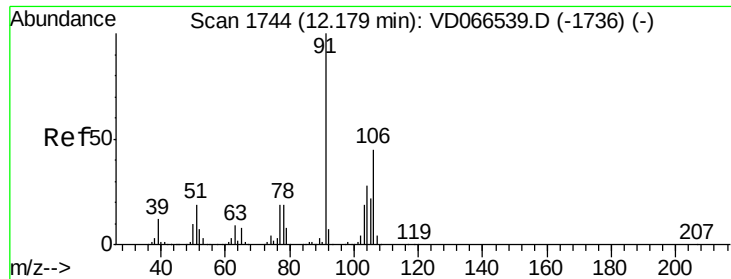
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#68
m/p-Xylenes
Concen: 321.370 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 106 Resp: 2446729
Ion Ratio Lower Upper
106 100
91 203.3 162.4 243.6





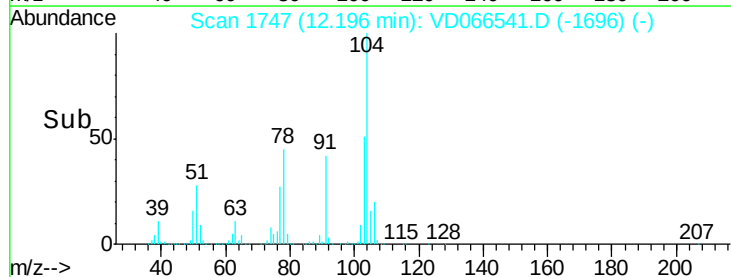
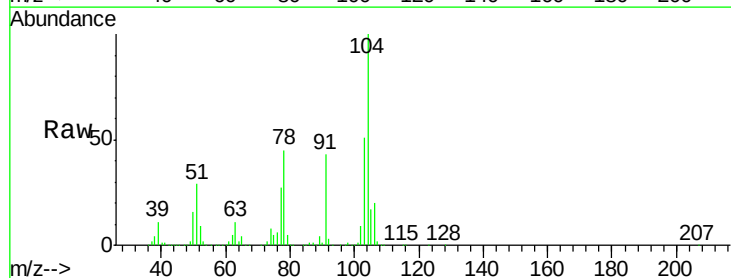
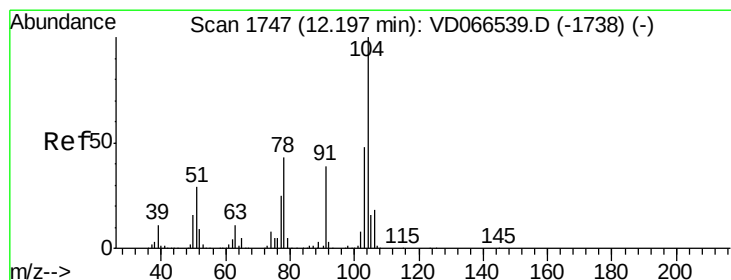
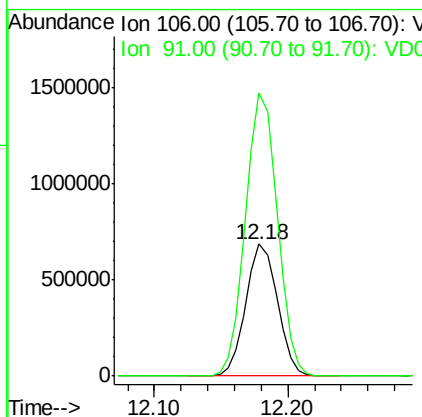
#69
o-Xylene
Concen: 157.488 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tot Ion:106 Resp: 1128634
Ion Ratio Lower Upper
106 100
91 216.0 107.9 323.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

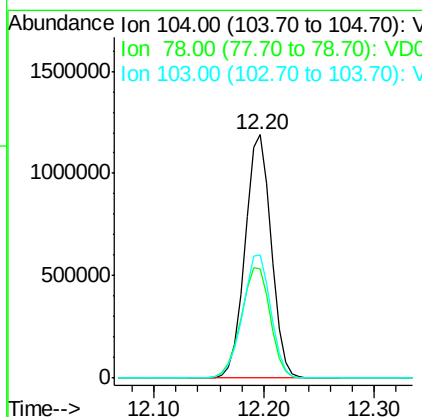
Manual Integrations
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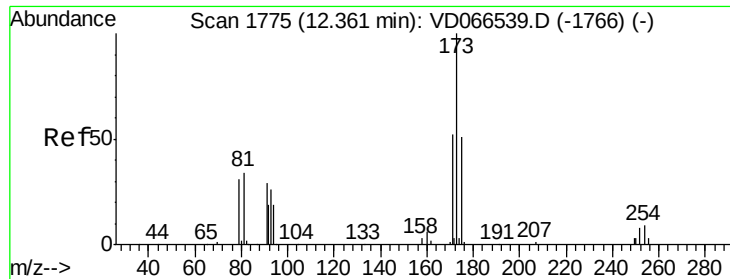
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#70
Styrene
Concen: 161.495 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion:104 Resp: 1982957
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.8 42.9 64.3





#71

Bromoform

Concen: 135.957 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

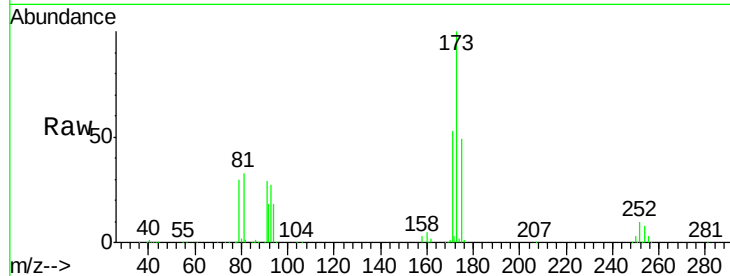
ClientSampleId :

VSTDIC150

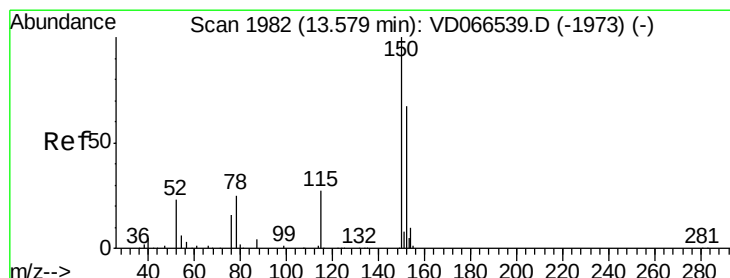
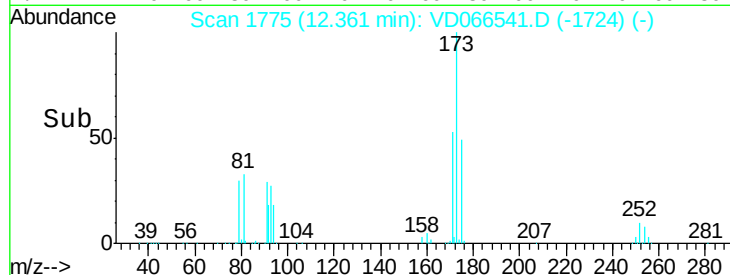
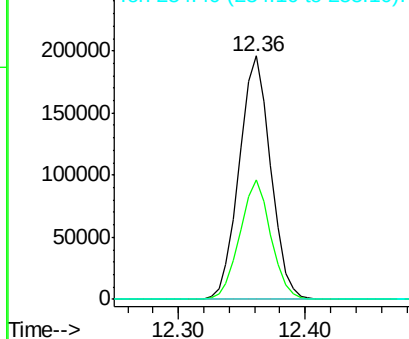
Tot Ion:	173	Resp:	337481
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.2	72.6
254	0.1	0.0	0.0#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

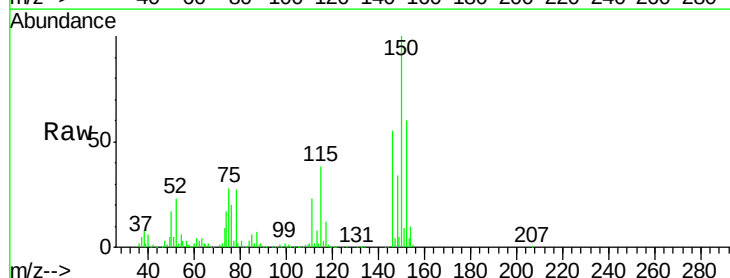
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

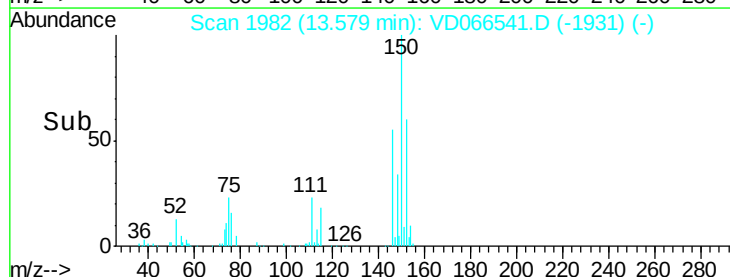
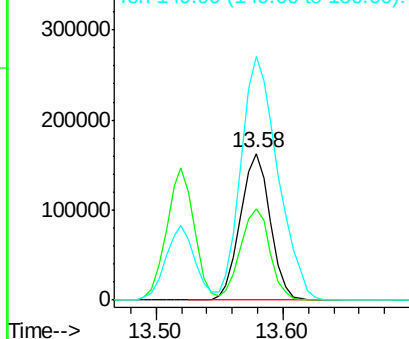
Lab File: VD066541.D

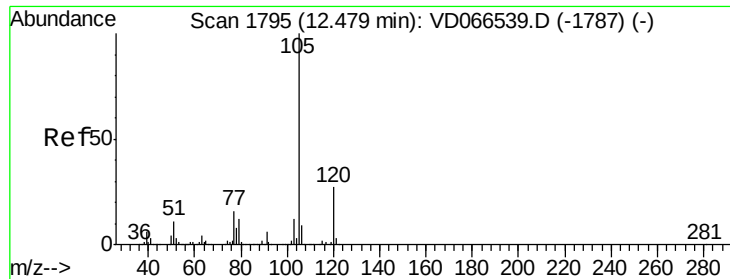
Acq: 03 Sep 2020 16:50

Tgt Ion:	152	Resp:	266052
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.2
150	203.8	0.0	345.8



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: 172.642 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3123126

Ion Ratio Lower Upper

105 100

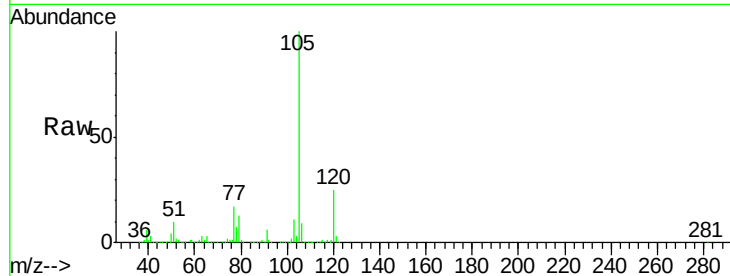
120 25.8 13.0 39.0

Manual Integrations

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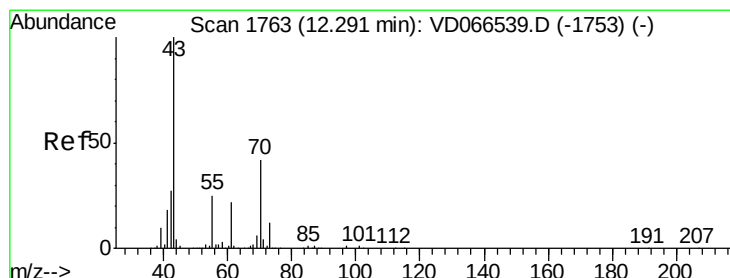
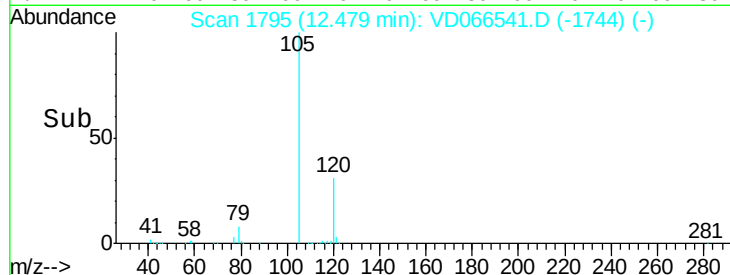
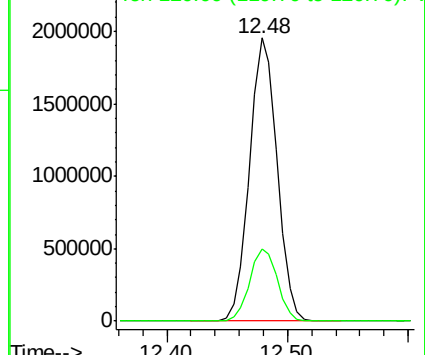
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 240.979 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion: 43 Resp: 717736

Ion Ratio Lower Upper

43 100

70 40.6 33.4 50.2

55 24.1 20.1 30.1

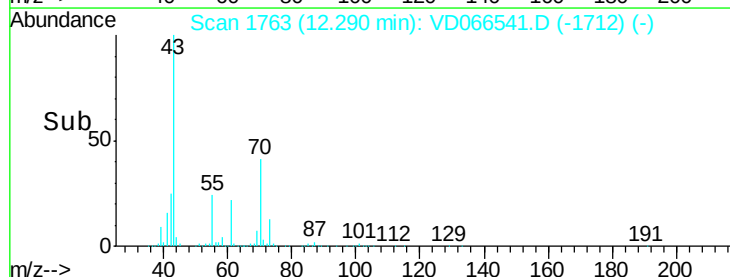
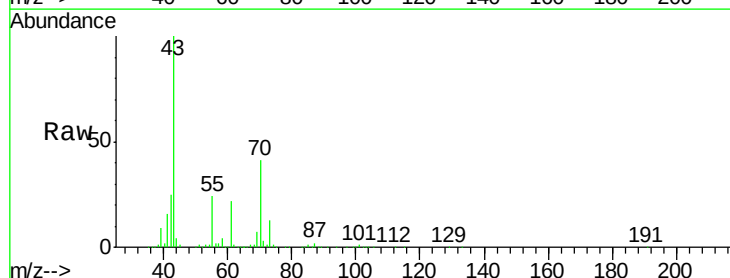
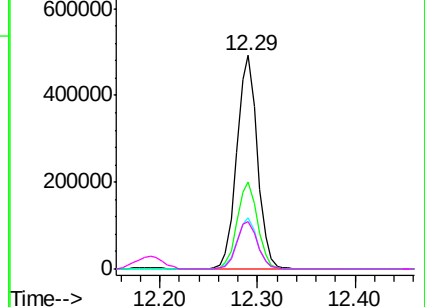
61 22.7 18.2 27.2

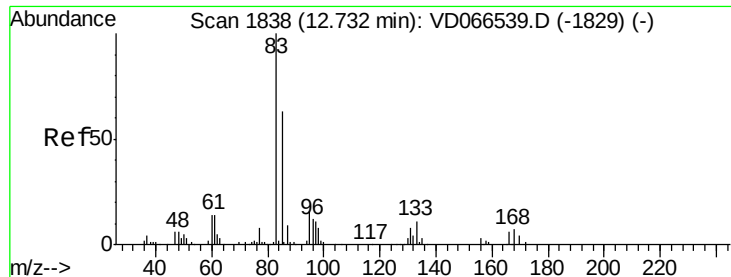
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 213.859 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

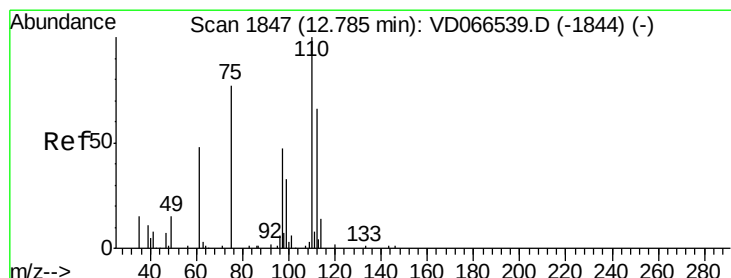
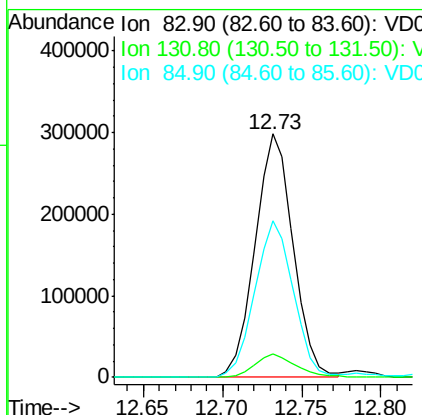
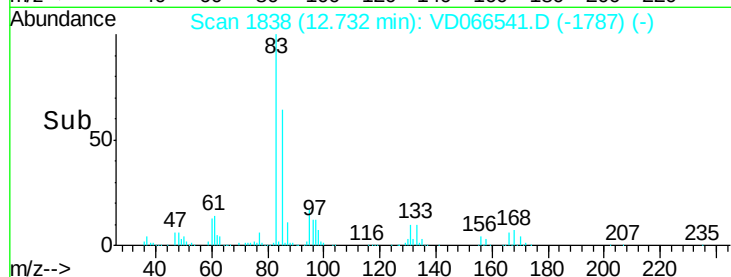
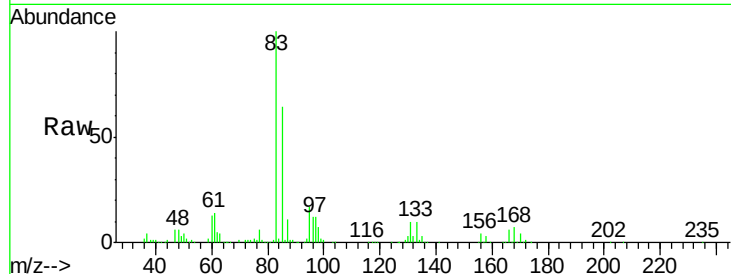
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	497943
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	64.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 184.238 ug/l m

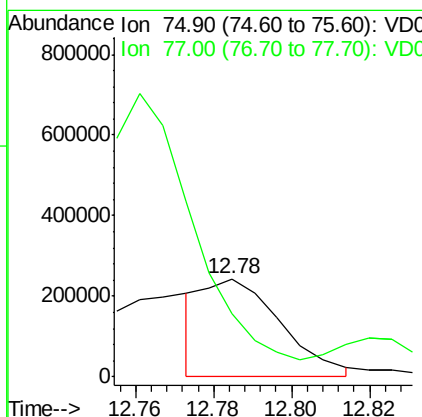
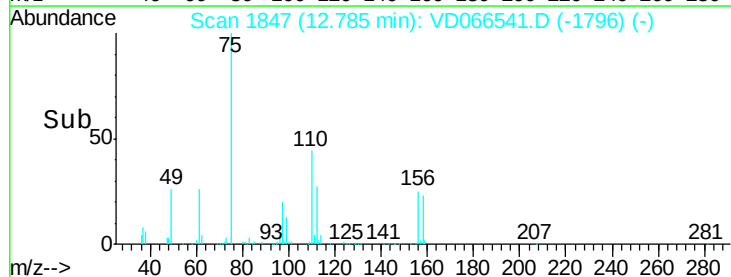
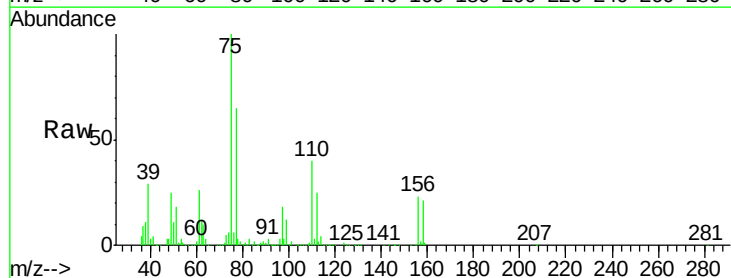
RT: 12.78 min Scan# 1847

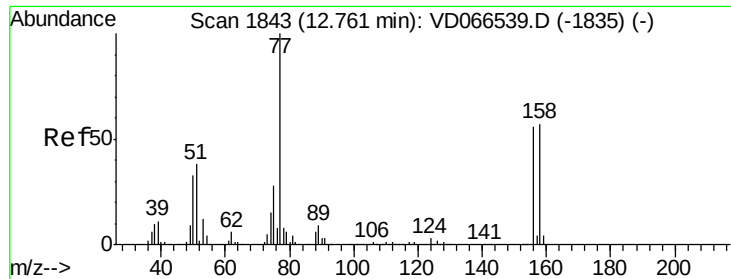
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	75	Resp:	340041
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 150.174 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

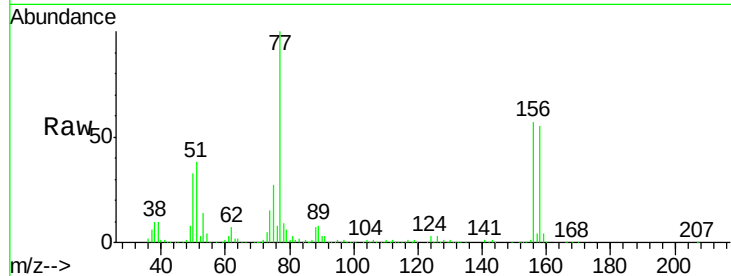
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.2	98.0	294.1
158	96.1	48.1	144.3

Manual Integrations
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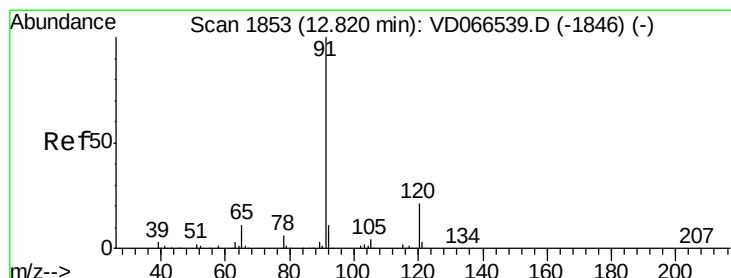
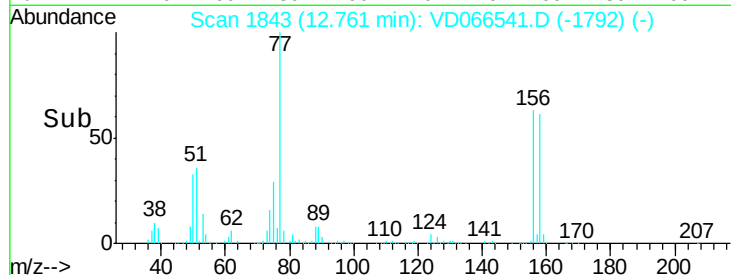
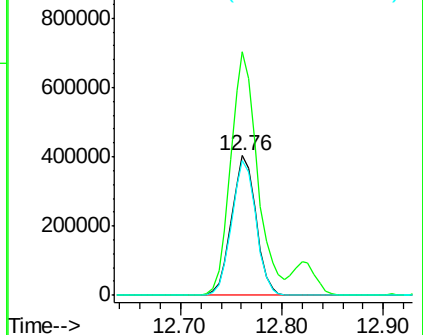
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 183.328 ug/l

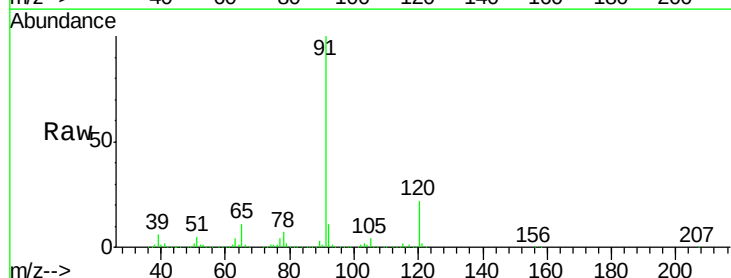
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066541.D

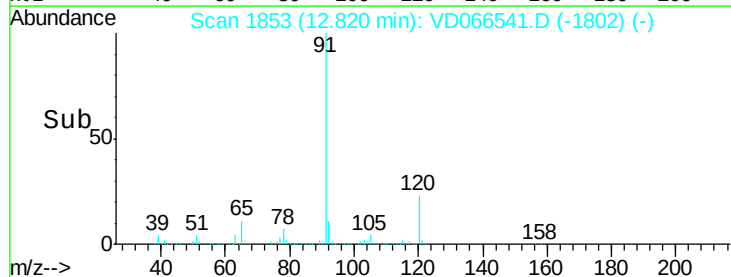
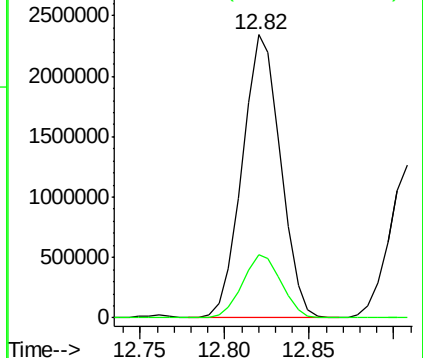
Acq: 03 Sep 2020 16:50

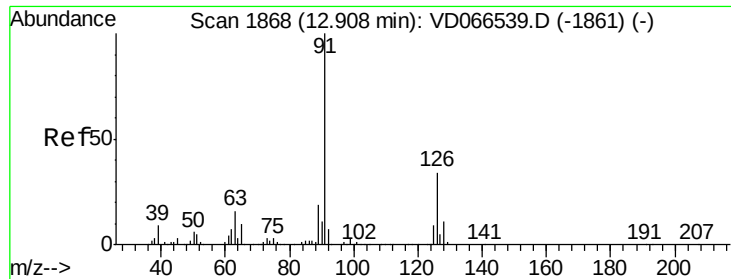
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





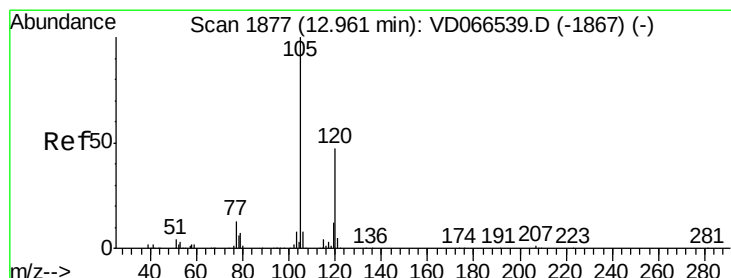
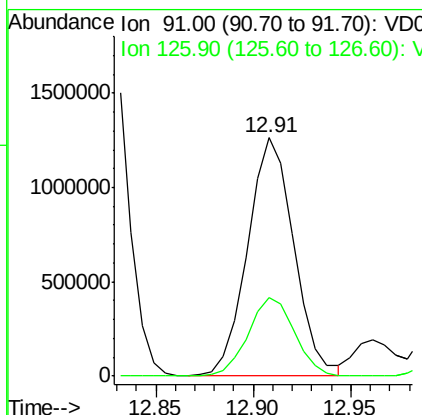
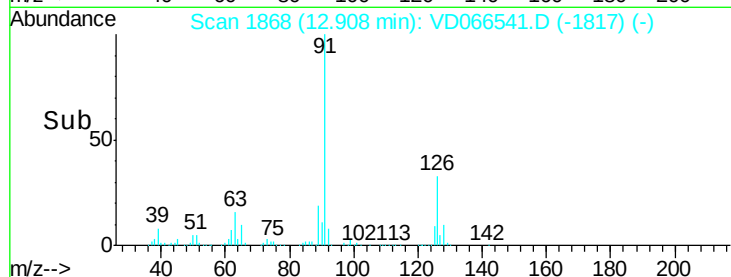
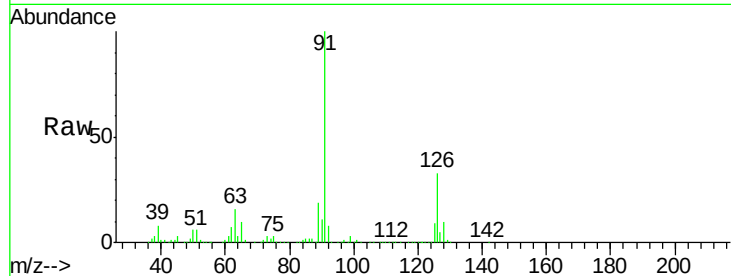
#79
2-Chlorotoluene
Concen: 179.903 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2077540
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

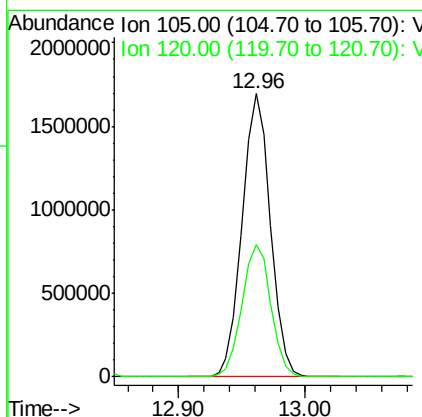
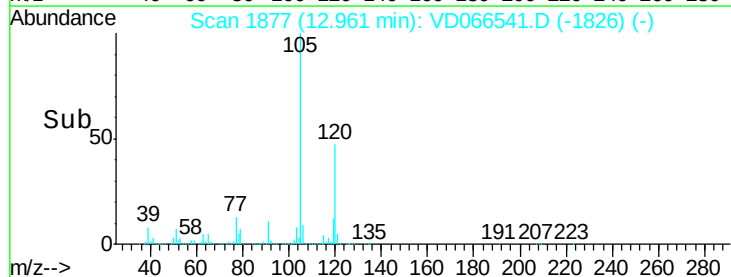
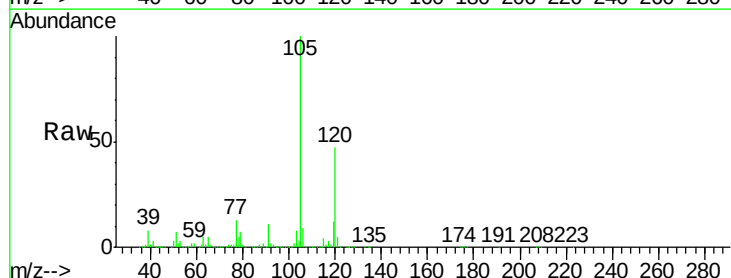
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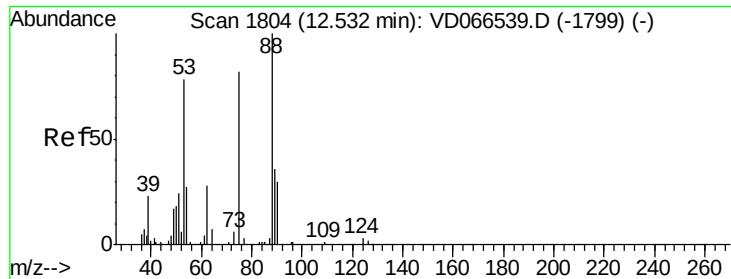
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 166.893 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion: 105 Resp: 2618499
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 209.964 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

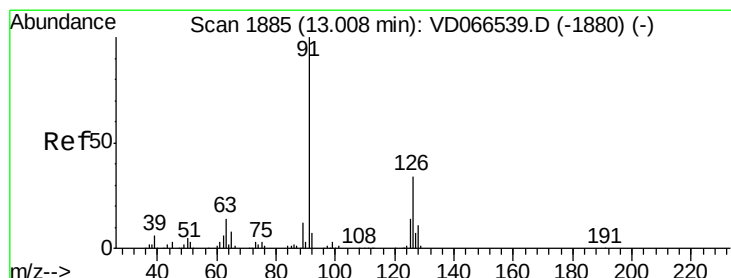
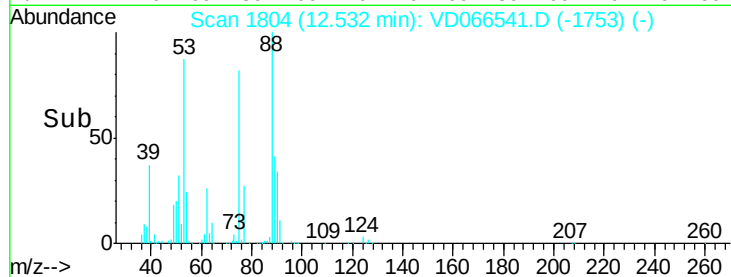
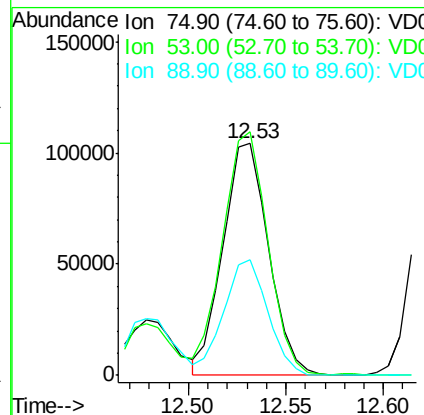
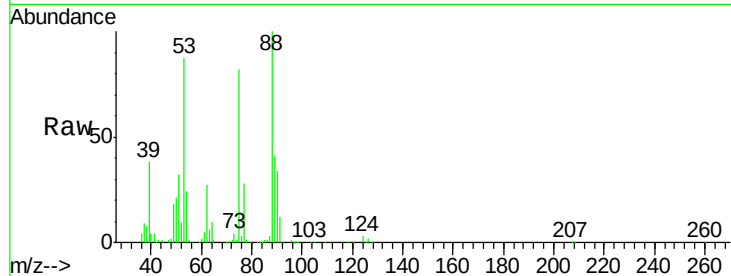
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	167607
Ion	Ratio	Lower	Upper
75	100		
53	104.9	87.0	130.4
89	48.9	37.1	55.7

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#82

4-Chlorotoluene

Concen: 175.122 ug/l

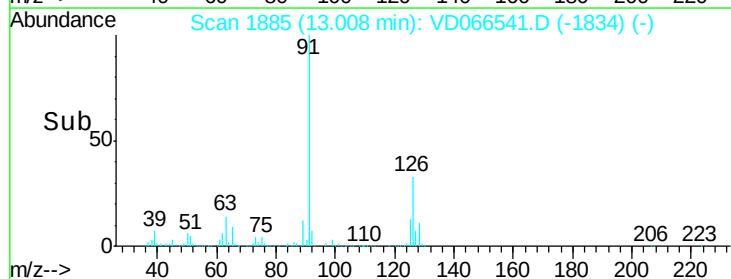
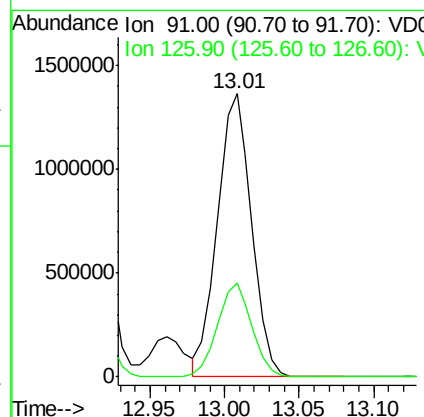
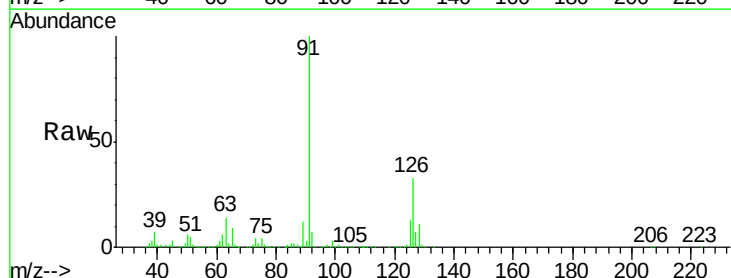
RT: 13.01 min Scan# 1885

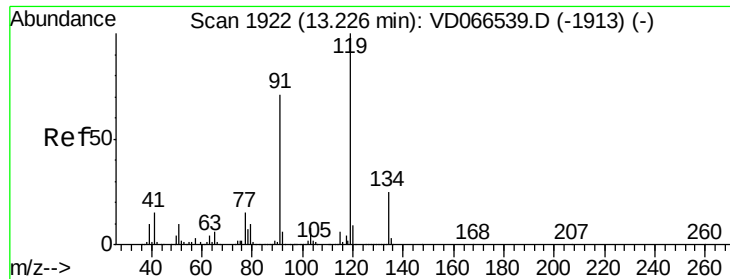
Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Tgt Ion:	91	Resp:	2171458
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.1





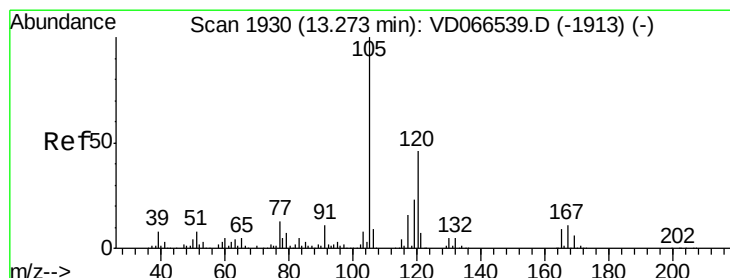
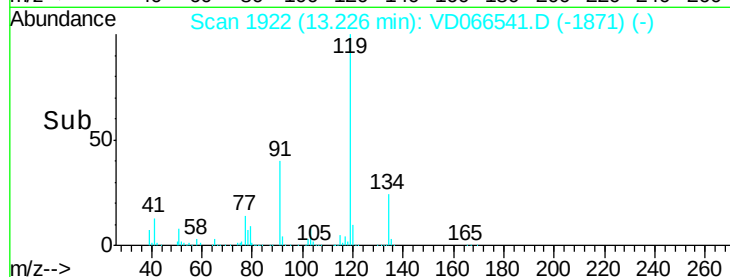
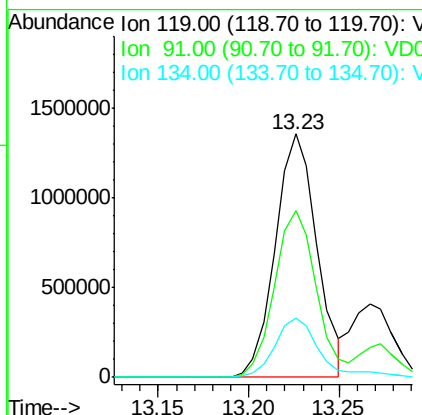
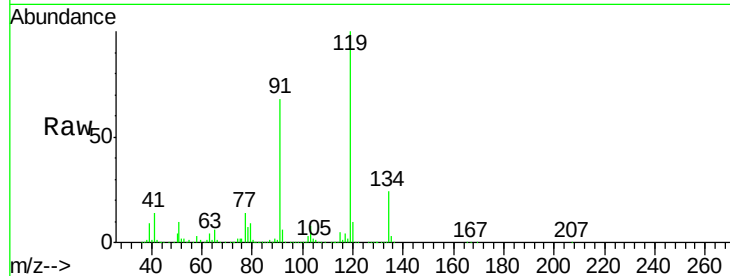
#83
 tert-Butylbenzene
 Concen: 160.579 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 2177065
 Ion Ratio Lower Upper
 119 100
 91 69.1 35.2 105.6
 134 26.2 13.5 40.5

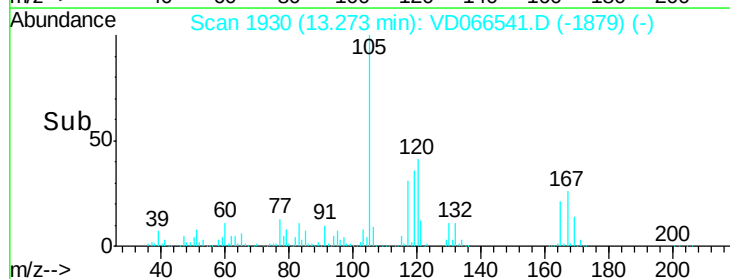
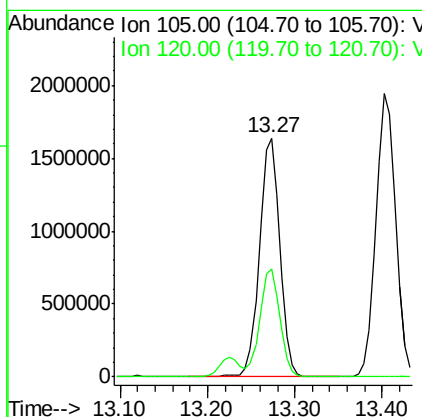
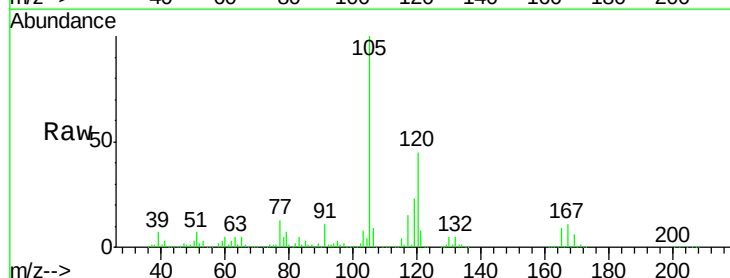
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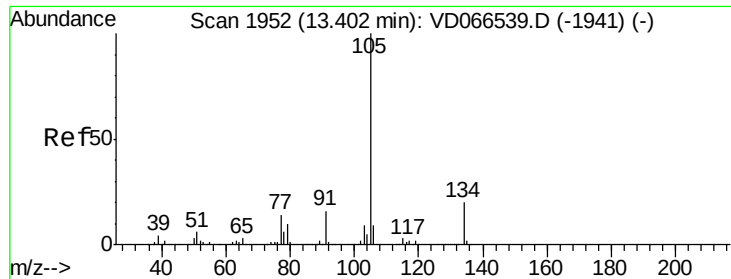
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#84
 1,2,4-Trimethylbenzene
 Concen: 167.609 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion:105 Resp: 2616537
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 173.082 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3053285

Ion Ratio Lower Upper

105 100

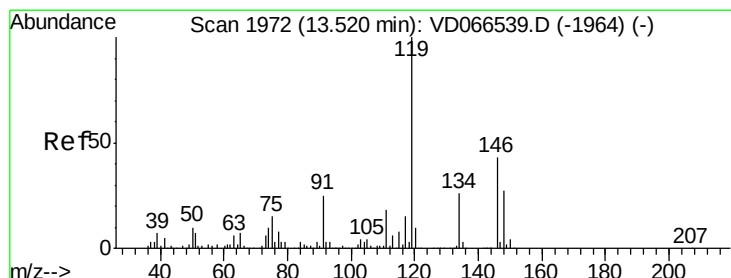
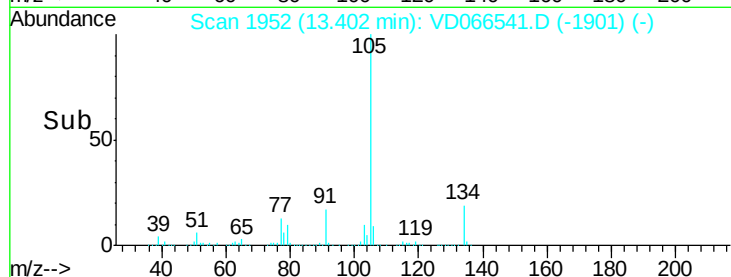
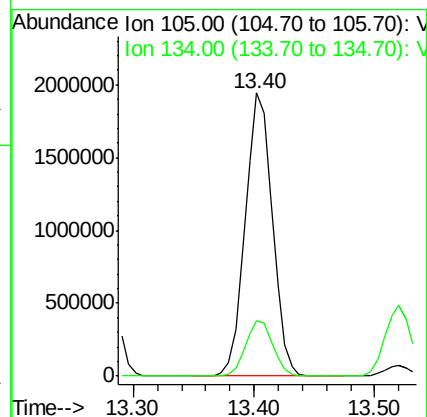
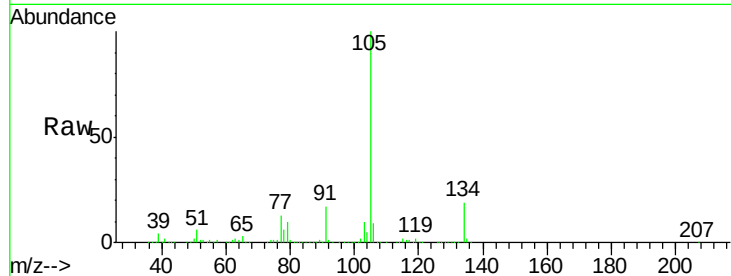
134 19.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 163.678 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

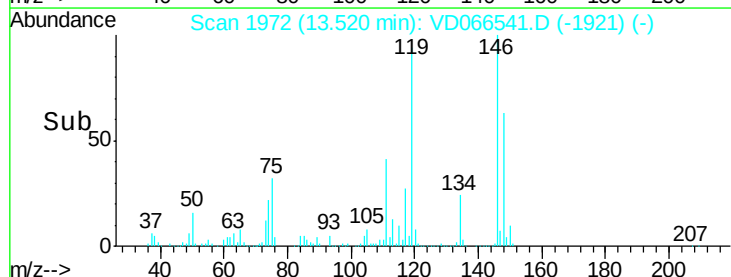
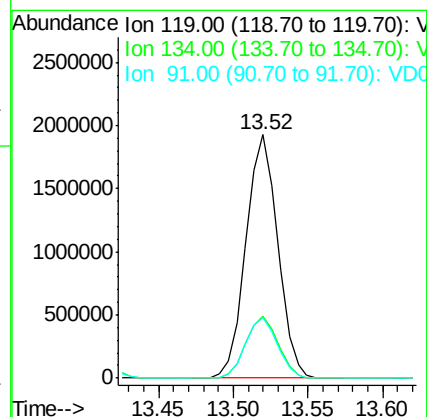
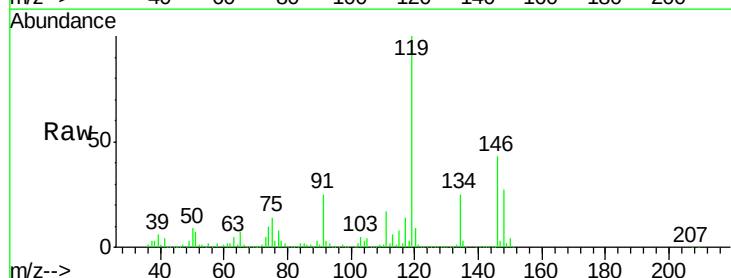
Tgt Ion:119 Resp: 2835868

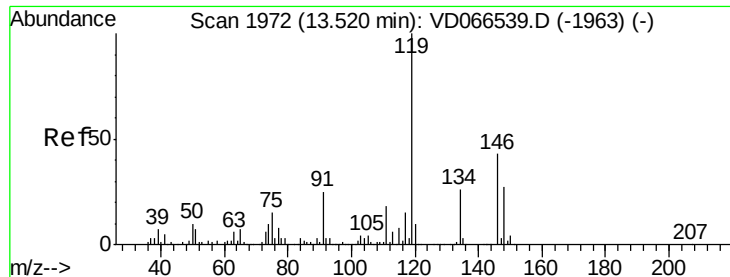
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 24.9 12.5 37.5





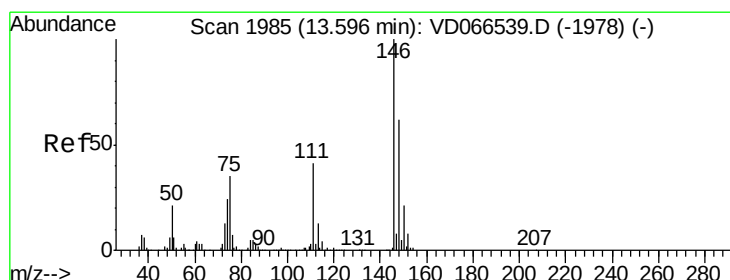
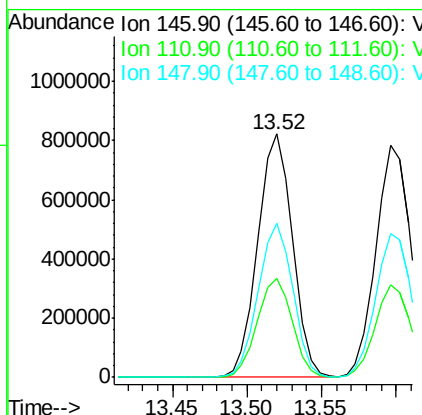
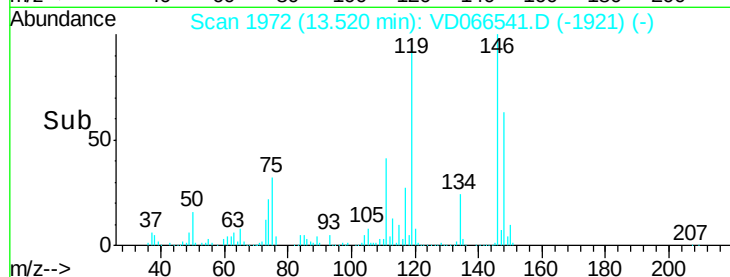
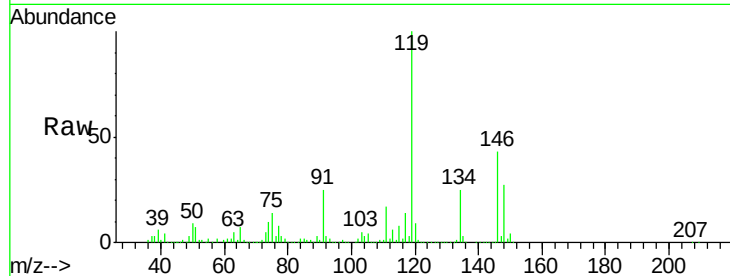
#87
 1,3-Dichlorobenzene
 Concen: 157.498 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1321930
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.9
 148 63.4 32.1 96.3

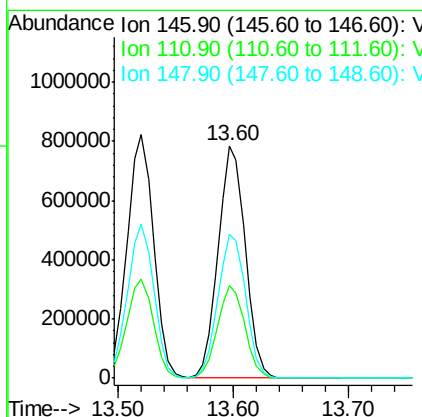
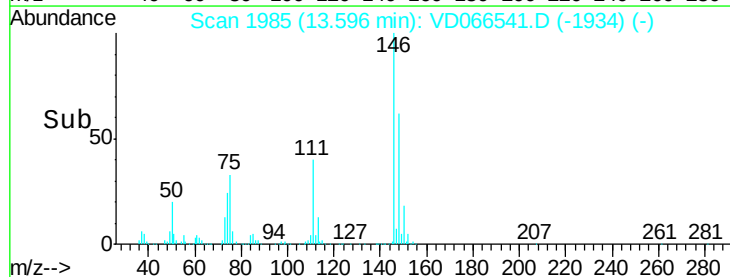
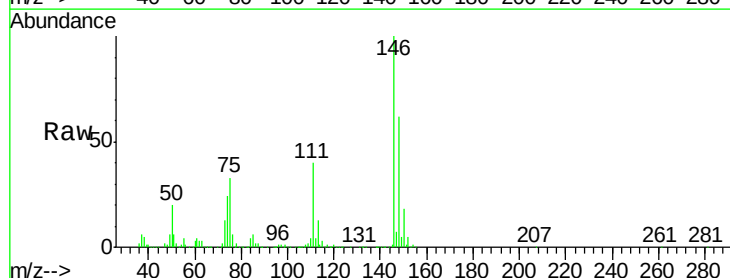
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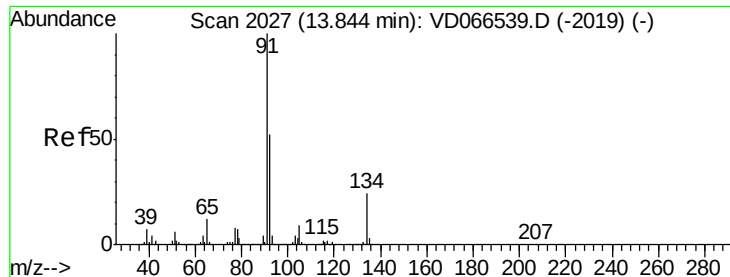
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#88
 1,4-Dichlorobenzene
 Concen: 151.383 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion:146 Resp: 1279565
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 63.0 31.6 94.8





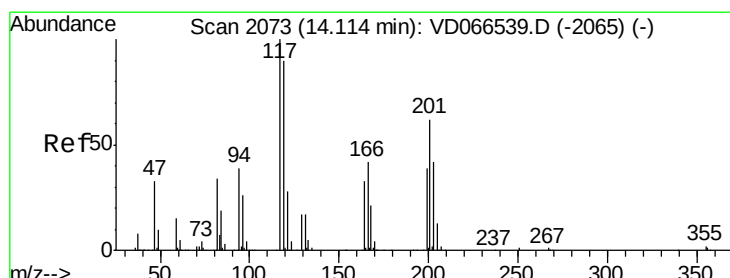
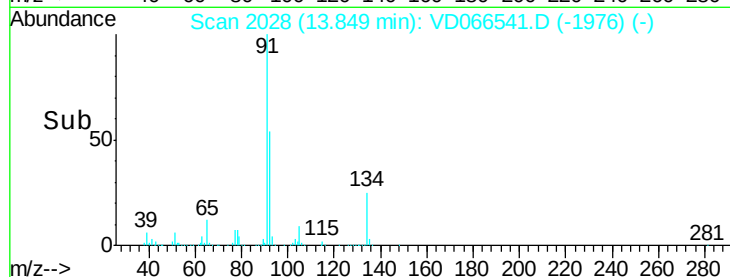
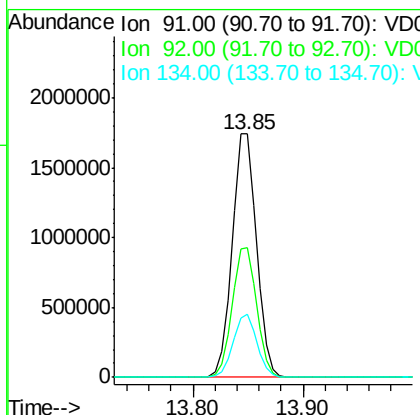
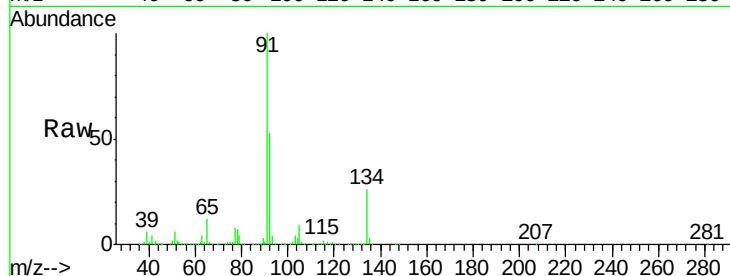
#89
n-Butylbenzene
Concen: 181.561 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	25.2	12.1	36.3

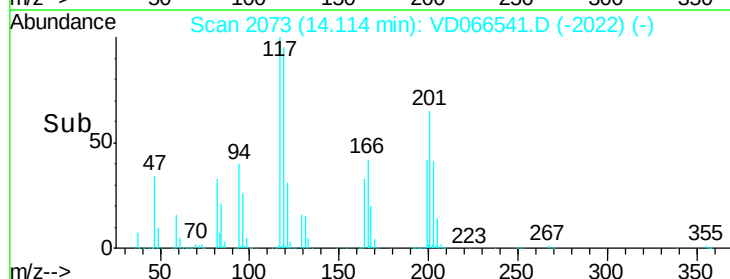
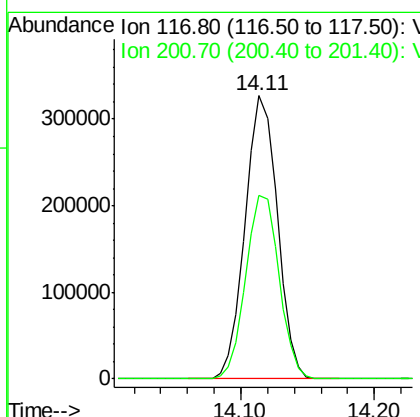
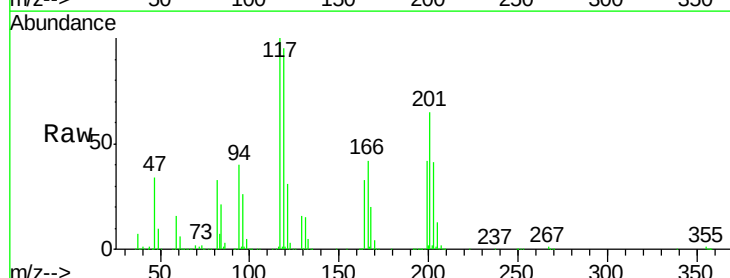
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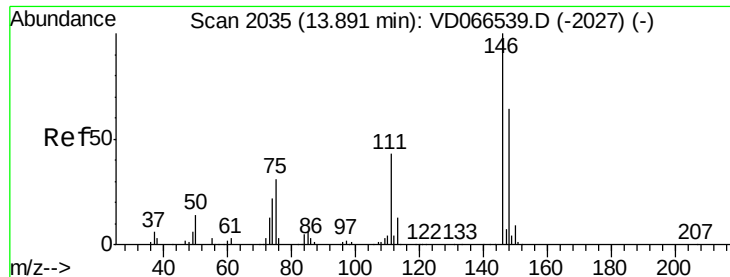
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#90
Hexachloroethane
Concen: 171.014 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066541.D
Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	31.9	95.5





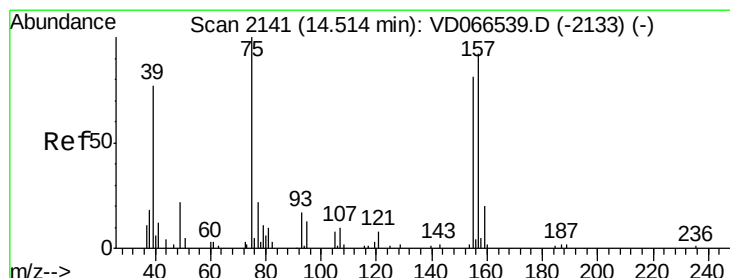
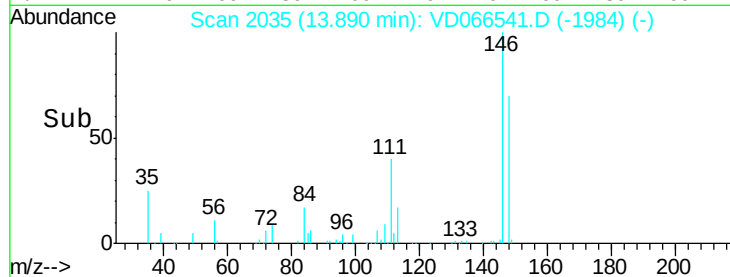
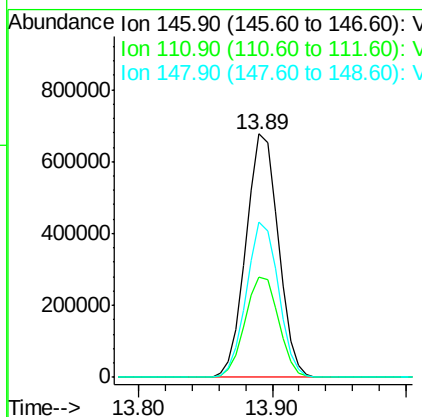
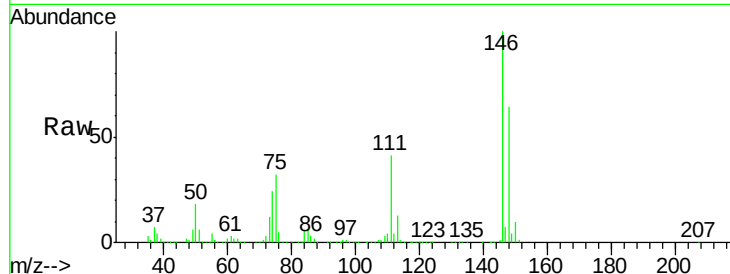
#91
 1,2-Dichlorobenzene
 Concen: 155.665 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	63.1	31.8	95.3

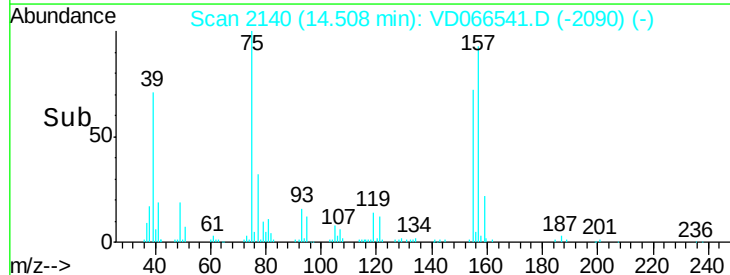
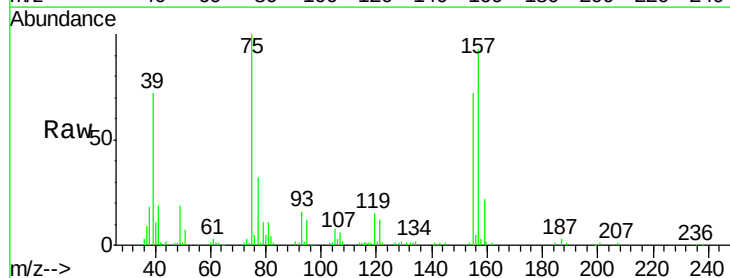
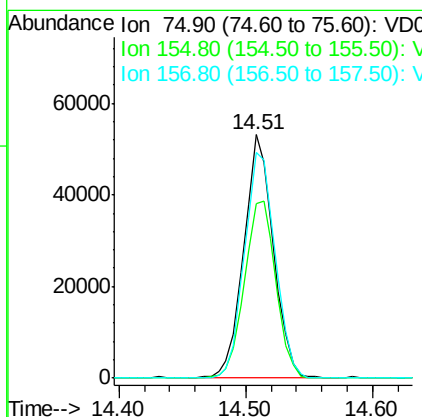
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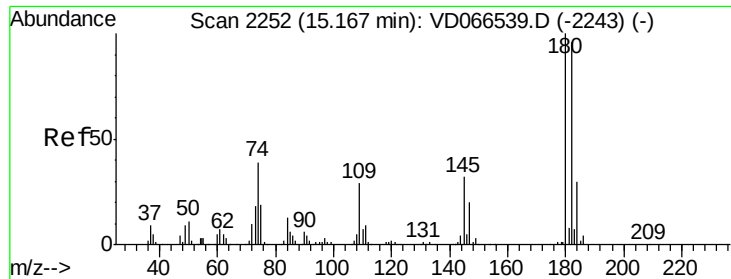
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 155.211 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.0	39.3	117.8
157	96.4	46.0	137.8





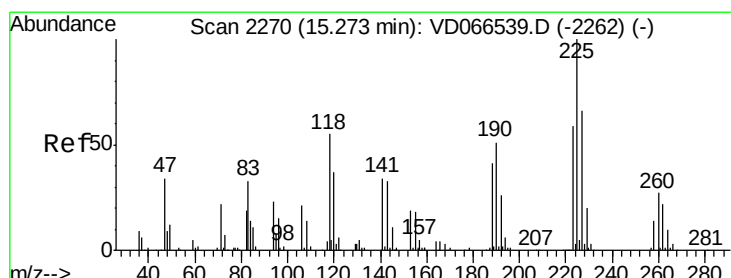
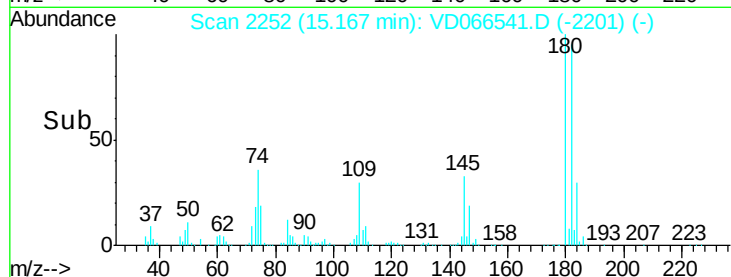
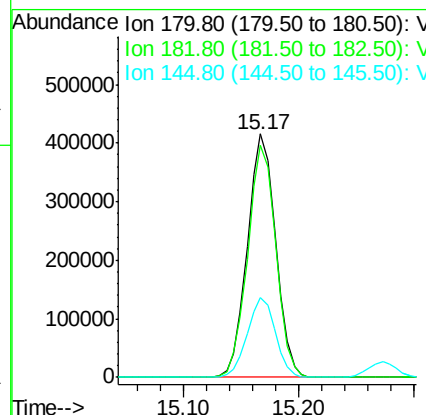
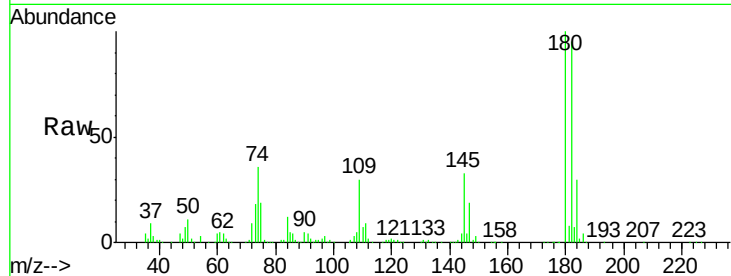
#93
 1,2,4-Trichlorobenzene
 Concen: 128.311 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	708670		
182	94.6		48.4	145.0
145	32.6		16.7	50.0

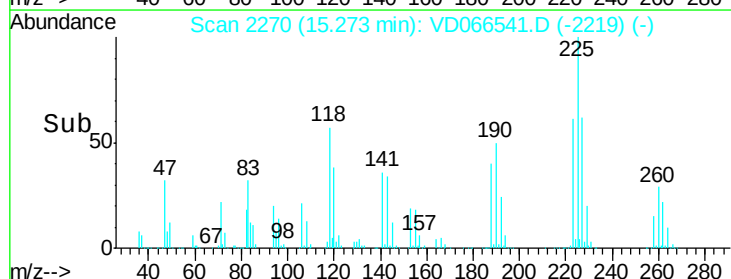
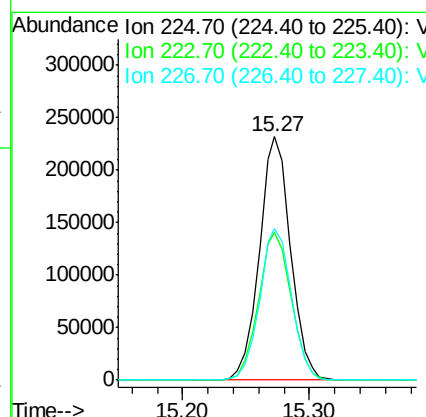
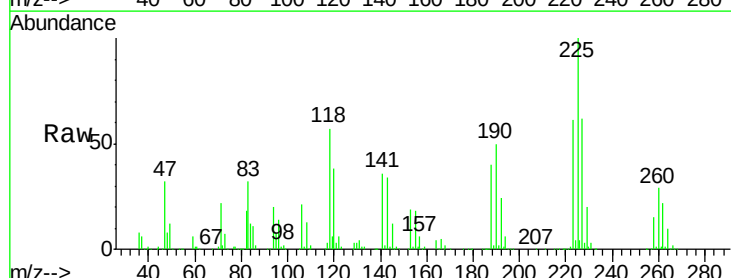
Manual Integrations
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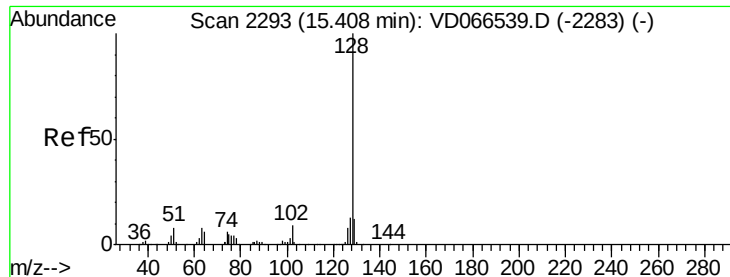
MMDadoda
 9/4/2020 4:54:59 PM



#94
 Hexachlorobutadiene
 Concen: 111.862 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066541.D
 Acq: 03 Sep 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	396573		
223	63.5		30.5	91.5
227	63.3		32.4	97.2





#95

Naphthalene

Concen: 154.307 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1359513

Ion Ratio Lower Upper

128 100

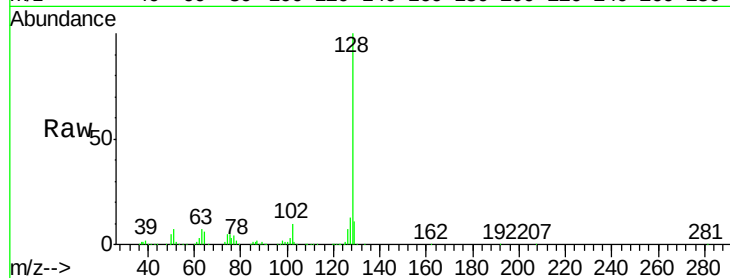
127 13.3 10.7 16.1

129 11.2 9.1 13.7

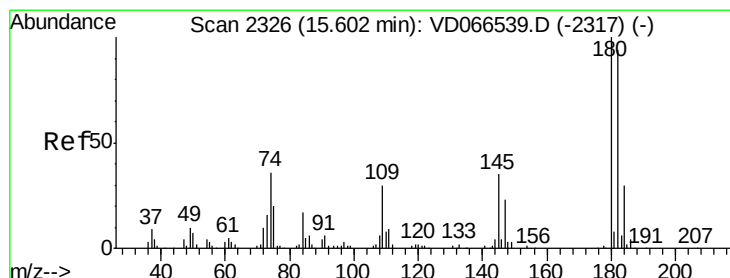
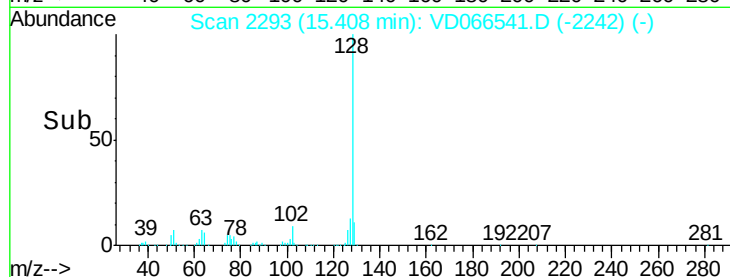
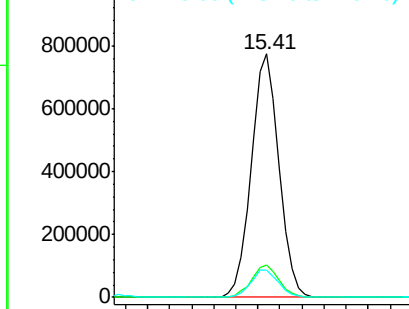
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 126.476 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066541.D

Acq: 03 Sep 2020 16:50

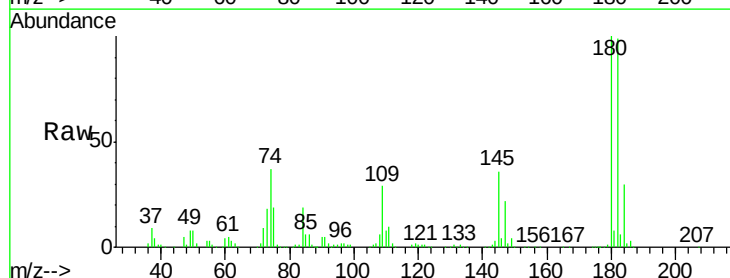
Tgt Ion:180 Resp: 605408

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 34.9 17.3 51.7



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

