

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066358.D
 Acq On : 21 Aug 2020 14:08
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:37:08 PM

Quant Time: Aug 22 02:26:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	257072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	350753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	320759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	129826	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.91	113	121650	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
50) Toluene-d8	10.34	98	451845	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
62) 4-Bromofluorobenzene	12.63	95	156826	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	107455	49.167	ug/l	100
3) Chloromethane	2.20	50	77441	49.989	ug/l	98
4) Vinyl Chloride	2.35	62	82361	49.517	ug/l	99
5) Bromomethane	2.77	94	61247	49.230	ug/l	94
6) Chloroethane	2.92	64	52680	49.463	ug/l	95
7) Trichlorofluoromethane	3.27	101	229445	50.730	ug/l	98
8) Diethyl Ether	3.70	74	48866	48.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	115800	51.880	ug/l	98
10) Methyl Iodide	4.30	142	123159	48.377	ug/l	99
11) Tert butyl alcohol	5.22	59	35591	245.575	ug/l	96
12) 1,1-Dichloroethene	4.07	96	110367	52.676	ug/l	92
13) Acrolein	3.91	56	24607	219.866	ug/l	95
14) Allyl chloride	4.71	41	143513	51.317	ug/l	99
15) Acrylonitrile	5.42	53	101522	249.689	ug/l	96
16) Acetone	4.15	43	112160	246.845	ug/l	99
17) Carbon Disulfide	4.40	76	322289	50.756	ug/l	98
18) Methyl Acetate	4.71	43	40037	46.948	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	253916	50.329	ug/l	94
20) Methylene Chloride	4.96	84	124144	51.292	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	124099	50.882	ug/l	97
22) Diisopropyl ether	6.36	45	280383	51.783	ug/l	98
23) Vinyl Acetate	6.30	43	856883	255.638	ug/l	99
24) 1,1-Dichloroethane	6.26	63	192929	50.421	ug/l	97
25) 2-Butanone	7.21	43	128840	249.774	ug/l	98
26) 2,2-Dichloropropane	7.21	77	209140	50.997	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	131776	50.424	ug/l	99
28) Bromochloromethane	7.54	49	67087	50.900	ug/l	97
29) Tetrahydrofuran	7.56	42	72584	247.741	ug/l	98
30) Chloroform	7.71	83	224445	50.699	ug/l	97
31) Cyclohexane	7.98	56	171291	48.948	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	230958	50.974	ug/l	98
36) 1,1-Dichloropropene	8.11	75	172725	53.970	ug/l	99
37) Ethyl Acetate	7.28	43	55255	50.762	ug/l #	93
38) Carbon Tetrachloride	8.09	117	225312	54.037	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	207873	55.139	ug/l	99
40) Benzene	8.34	78	447082	53.102	ug/l	97
41) Methacrylonitrile	7.52	41	31540	46.986	ug/l #	92
42) 1,2-Dichloroethane	8.42	62	155215	52.344	ug/l	99
43) Isopropyl Acetate	8.44	43	110559	50.604	ug/l	99
44) Trichloroethene	9.11	130	147718	53.996	ug/l	99
45) 1,2-Dichloropropane	9.38	63	105106	55.067	ug/l	91
46) Dibromomethane	9.47	93	61926	52.109	ug/l	100
47) Bromodichloromethane	9.66	83	173502	53.089	ug/l	100
48) Methyl methacrylate	9.46	41	61292	54.403	ug/l	92
49) 1,4-Dioxane	9.46	88	13747	996.226	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	278182	263.203	ug/l	98
52) Toluene	10.40	92	307771	53.957	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	166314	53.631	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	185167	53.197	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	81456	50.631	ug/l	93
56) Ethyl methacrylate	10.66	69	100421	53.921	ug/l	93
57) 1,3-Dichloropropane	10.94	76	141160	53.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	206865	267.440	ug/l	100
59) 2-Hexanone	10.98	43	200784	269.325	ug/l	98
60) Dibromochloromethane	11.14	129	126968	52.357	ug/l	98
61) 1,2-Dibromoethane	11.24	107	82069	51.836	ug/l	96
64) Tetrachloroethene	10.87	164	128071	52.634	ug/l	94
65) Chlorobenzene	11.67	112	336207	52.684	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	135161	51.827	ug/l	99
67) Ethyl Benzene	11.74	91	610001	54.304	ug/l	100
68) m/p-Xylenes	11.86	106	456389	106.594	ug/l	97
69) o-Xylene	12.18	106	210621	52.879	ug/l	99
70) Styrene	12.20	104	358398	52.404	ug/l	98
71) Bromoform	12.36	173	74907	50.627	ug/l #	100
73) Isopropylbenzene	12.48	105	609600	54.199	ug/l	99
74) N-amyl acetate	12.29	43	105461	51.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	81617	50.797	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	58580m	49.595	ug/l	
77) Bromobenzene	12.76	156	149311	52.303	ug/l	99
78) n-propylbenzene	12.82	91	684093	53.046	ug/l	100
79) 2-Chlorotoluene	12.91	91	393924	53.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	513306	52.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	30804	55.357	ug/l	93
82) 4-Chlorotoluene	13.01	91	409751	52.508	ug/l	99
83) tert-Butylbenzene	13.23	119	444267	52.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	507271	53.182	ug/l	100
85) sec-Butylbenzene	13.40	105	597550	54.069	ug/l	100
86) p-Isopropyltoluene	13.52	119	574964	53.955	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	277390	52.054	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	277992	51.956	ug/l	99
89) n-Butylbenzene	13.84	91	511164	54.358	ug/l	100
90) Hexachloroethane	14.11	117	107720	51.172	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	245266	53.465	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16564	49.153	ug/l	98

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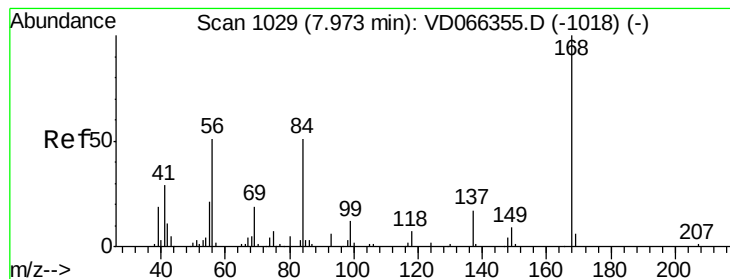
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	187843	52.450	ug/l	99
94) Hexachlorobutadiene	15.27	225	122368	54.982	ug/l	97
95) Naphthalene	15.41	128	300418	53.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	161839	52.752	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion:168 Resp: 257072

Ion Ratio Lower Upper

168 100

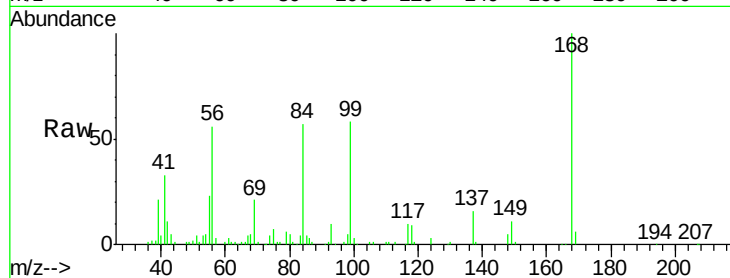
99 57.5 45.4 68.0

Manual Integrations

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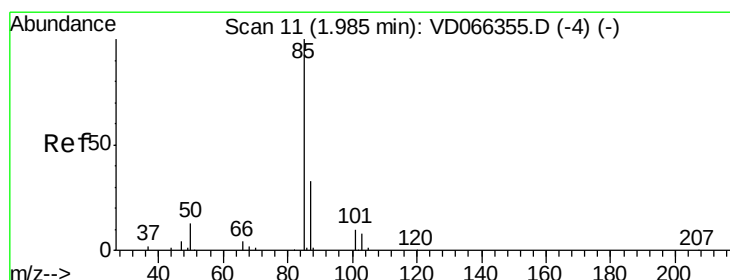
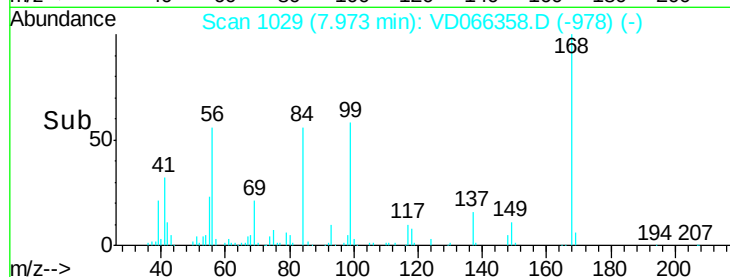
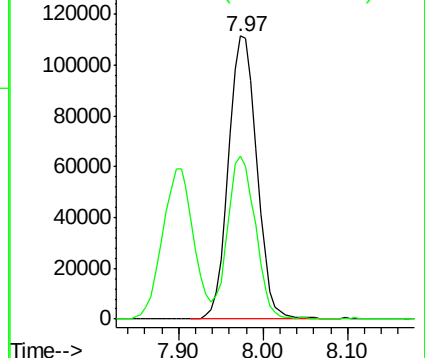
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.167 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066358.D

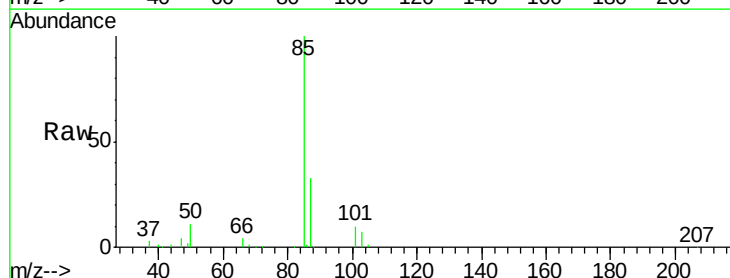
Acq: 21 Aug 2020 14:08

Tgt Ion: 85 Resp: 107455

Ion Ratio Lower Upper

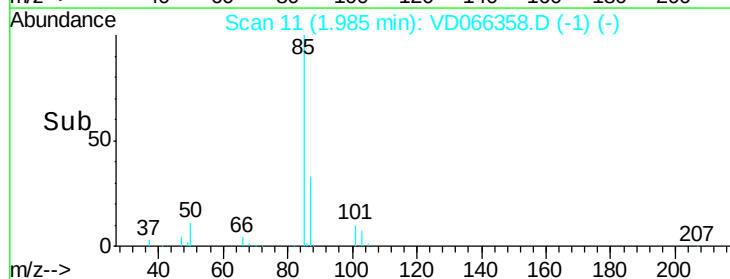
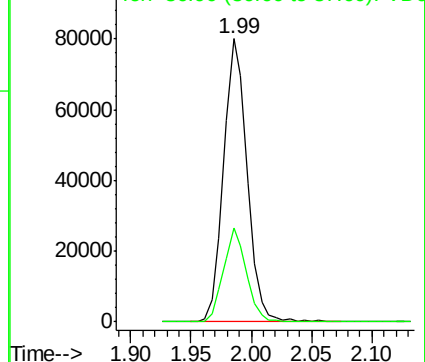
85 100

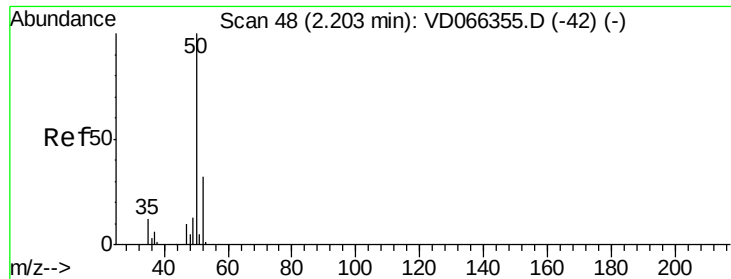
87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.989 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 50 Resp: 77441

Ion Ratio Lower Upper

50 100

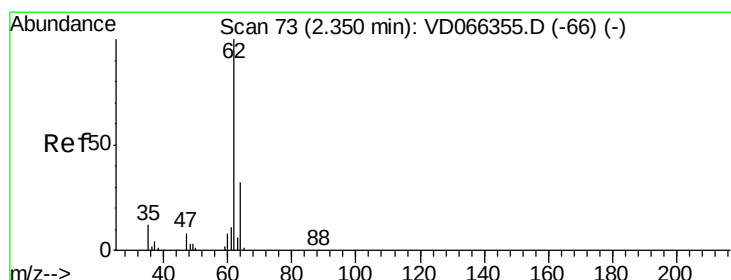
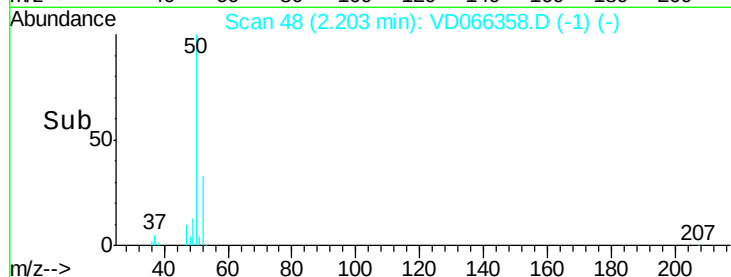
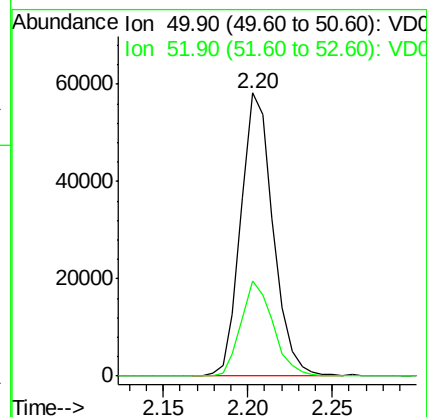
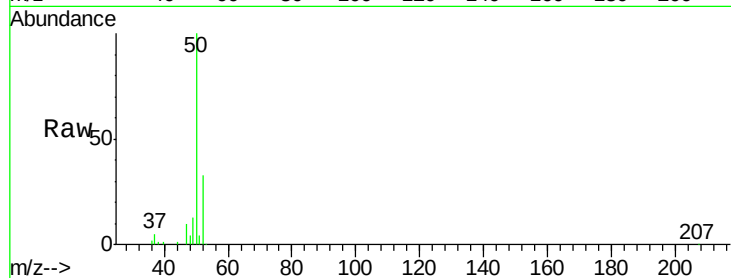
52 33.4 25.7 38.5

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#4

Vinyl Chloride

Concen: 49.517 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066358.D

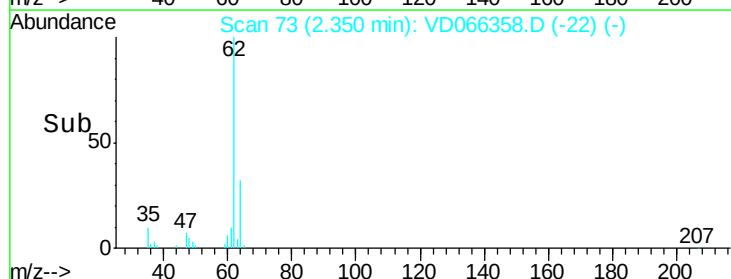
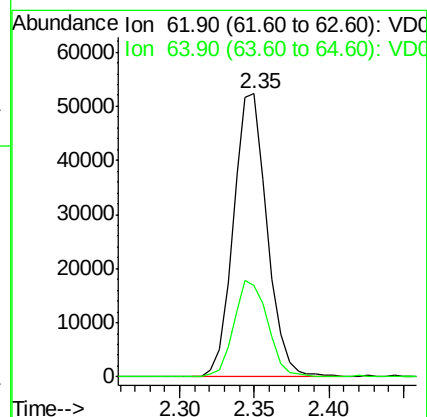
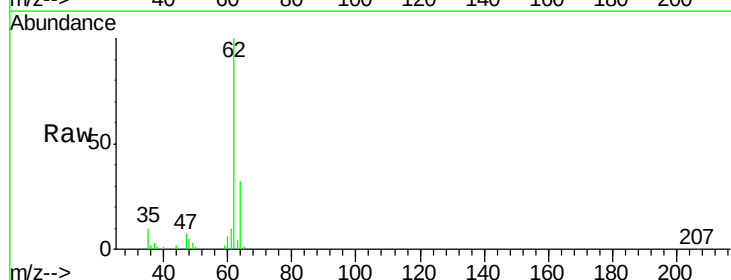
Acq: 21 Aug 2020 14:08

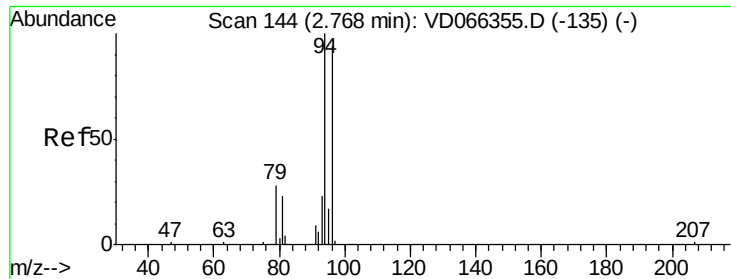
Tgt Ion: 62 Resp: 82361

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 49.230 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 94 Resp: 61247

Ion Ratio Lower Upper

94 100

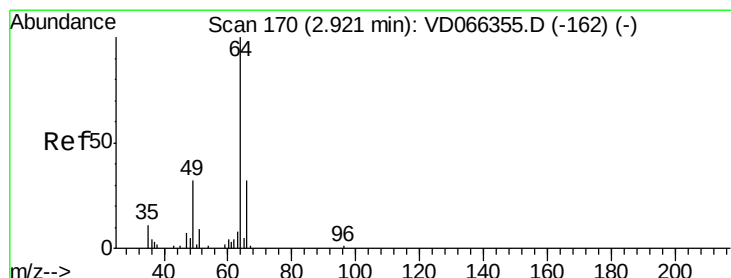
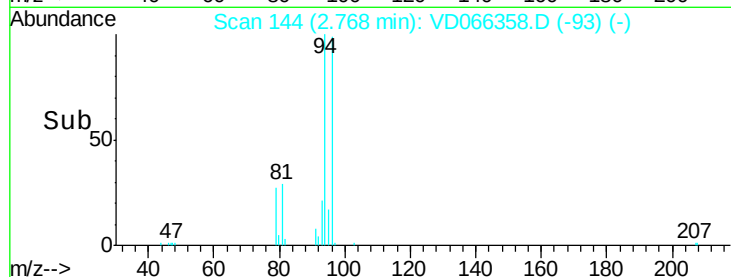
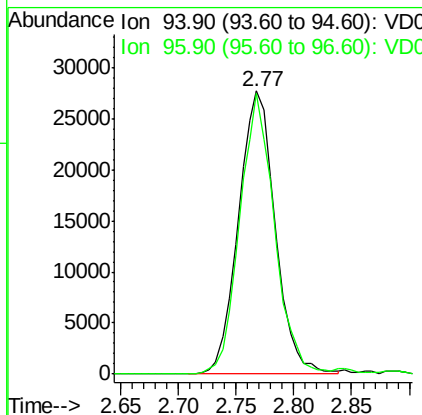
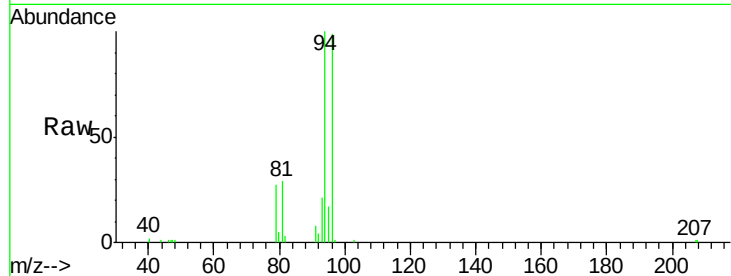
96 99.3 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 49.463 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066358.D

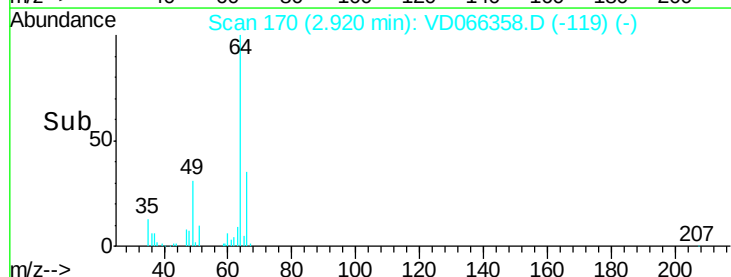
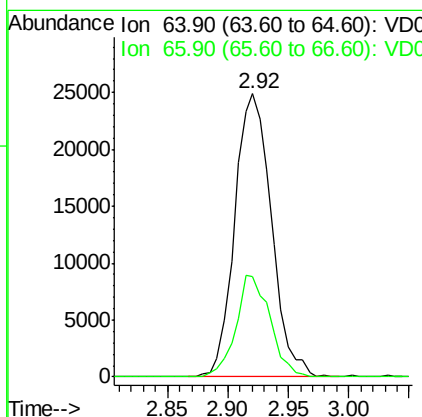
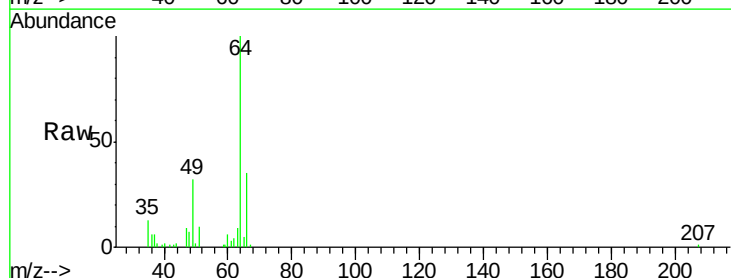
Acq: 21 Aug 2020 14:08

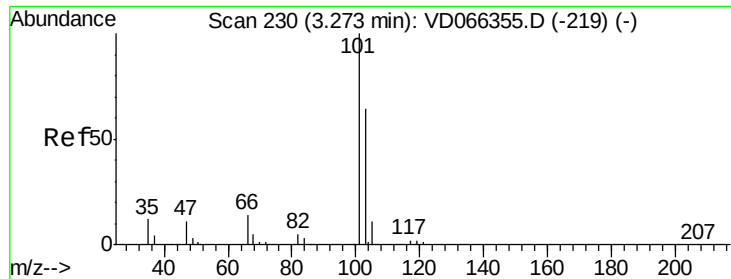
Tgt Ion: 64 Resp: 52680

Ion Ratio Lower Upper

64 100

66 35.3 25.9 38.9





#7

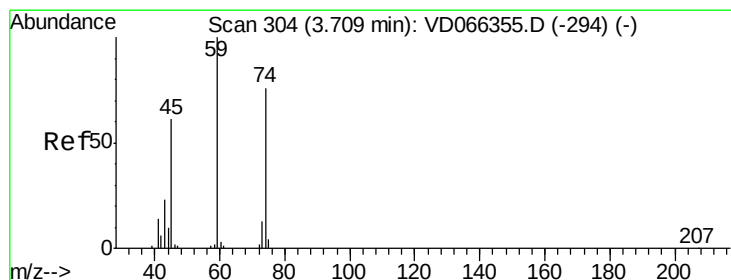
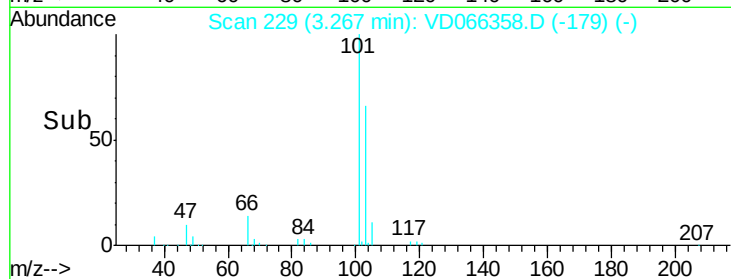
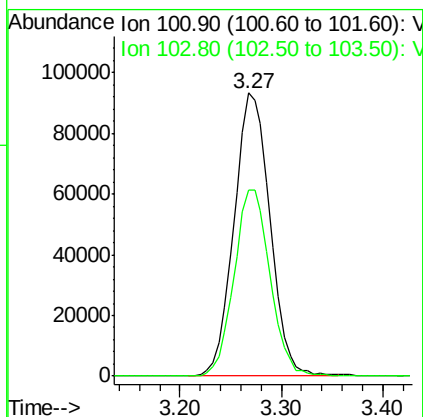
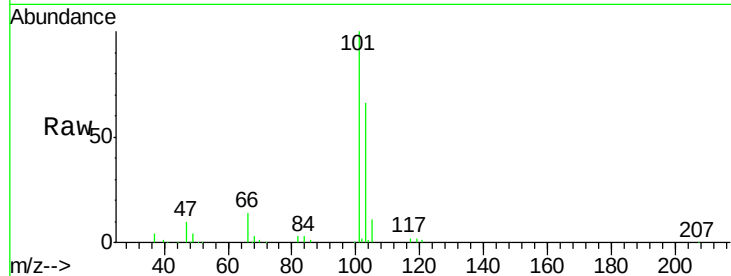
Trichlorofluoromethane
 Concen: 50.730 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066358.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	229445		
103	65.9	51.4	77.0	

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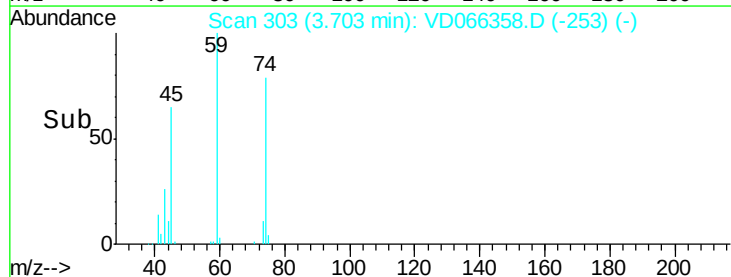
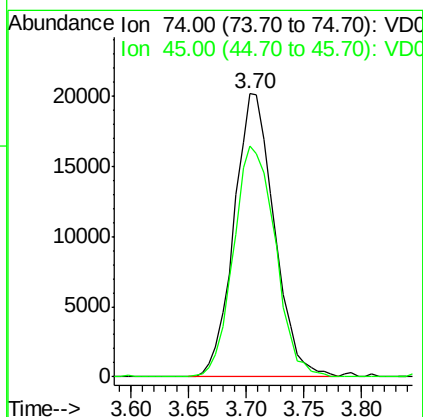
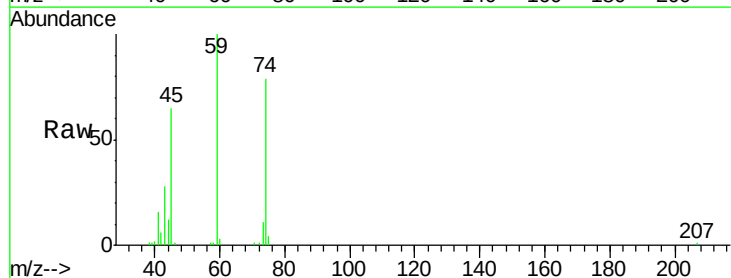
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 8/24/2020 4:37:08 PM

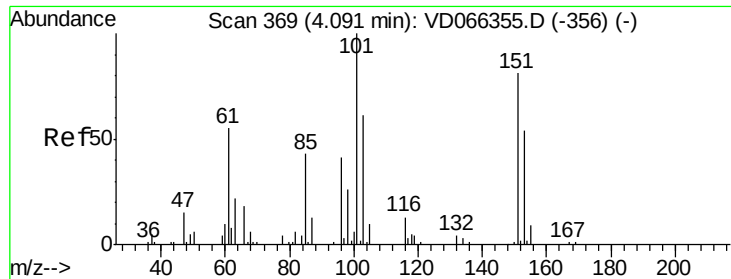


#8

Diethyl Ether
 Concen: 48.220 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48866		
45	84.7	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.880 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD066358.D

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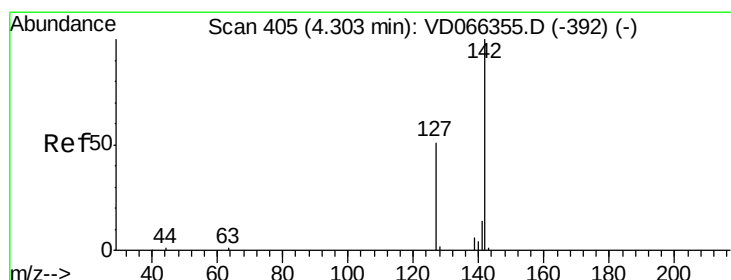
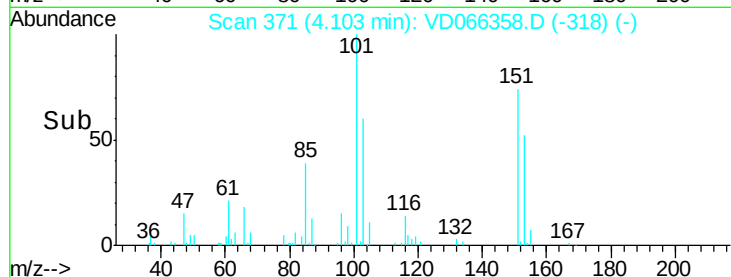
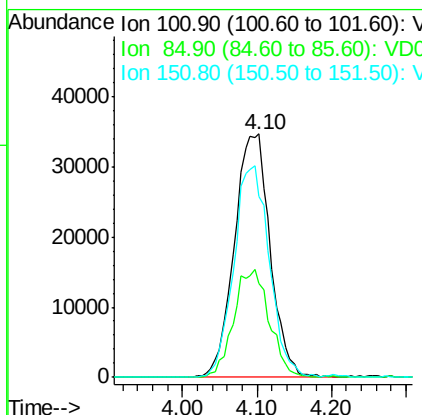
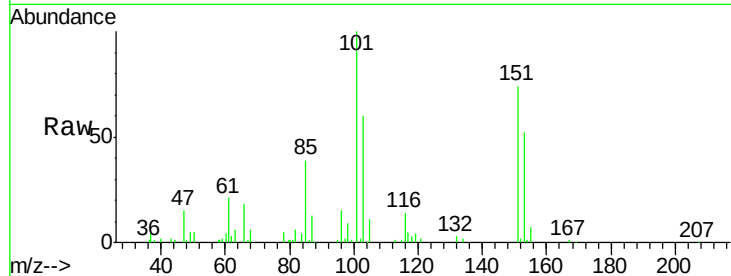
ClientSampleId :

ICVVD082120

Tot Ion:	101	Resp:	115800
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.4	54.6
151	86.3	70.5	105.7

Manual Integrations
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#10

Methyl Iodide

Concen: 48.377 ug/l

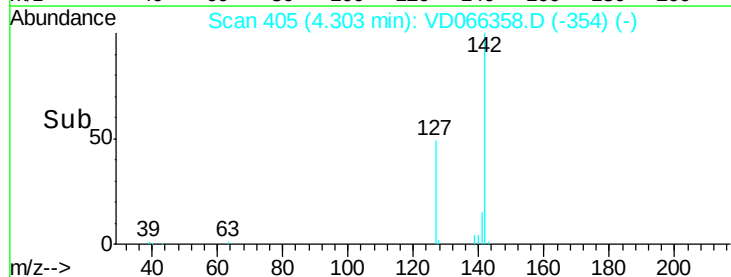
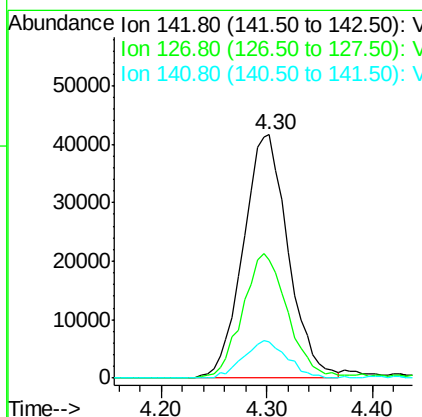
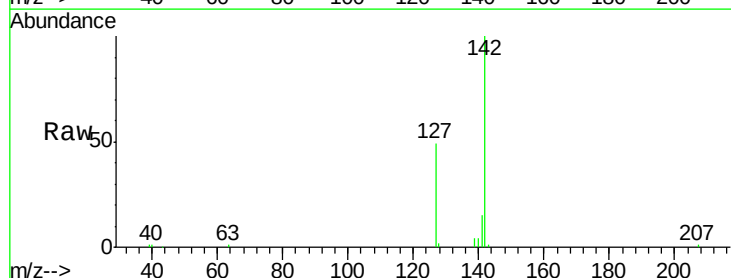
RT: 4.30 min Scan# 405

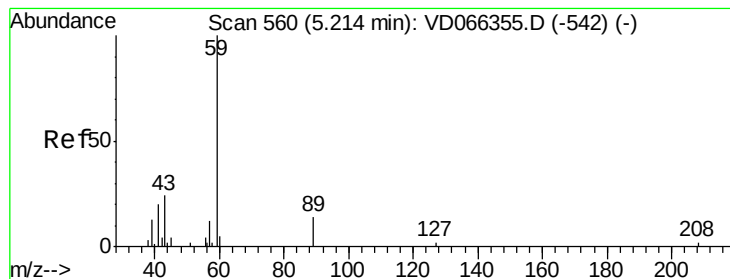
Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	142	Resp:	123159
Ion Ratio	Lower	Upper	
142	100		
127	51.1	41.8	62.8
141	14.9	11.8	17.6





#11

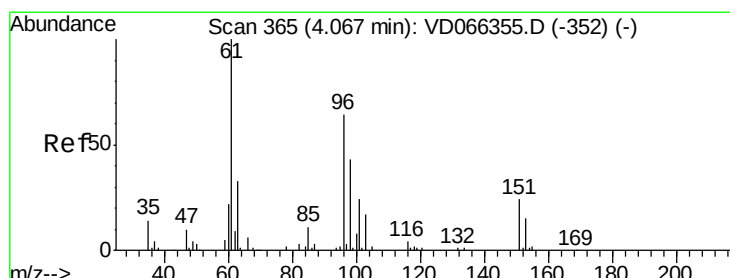
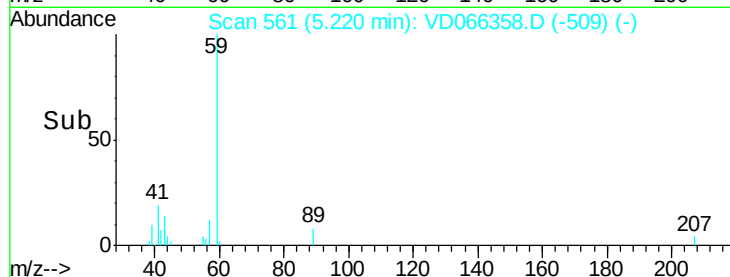
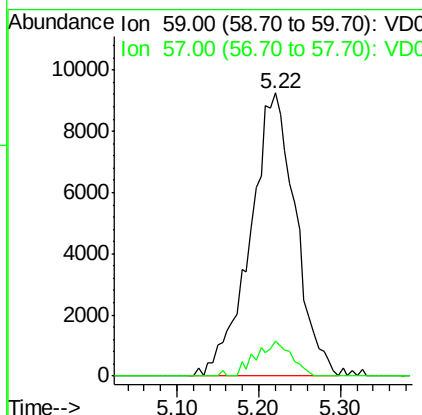
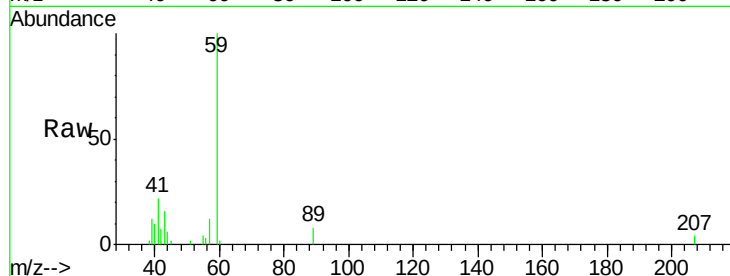
Tert butyl alcohol
Concen: 245.575 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
59	100	35591		
57	9.5		9.0	13.4

Manual Integrations
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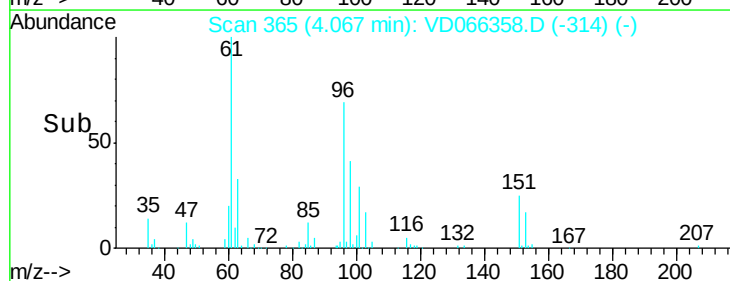
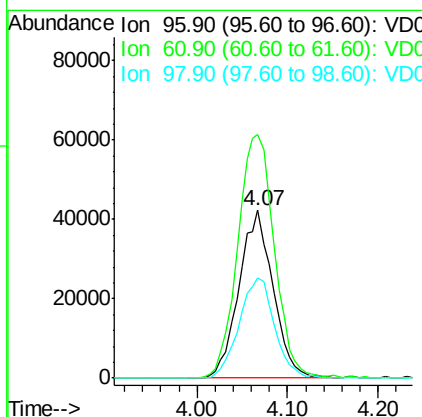
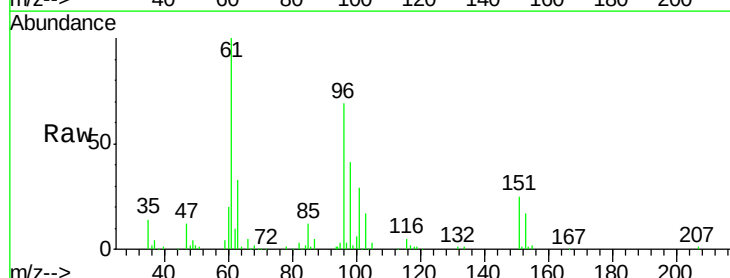
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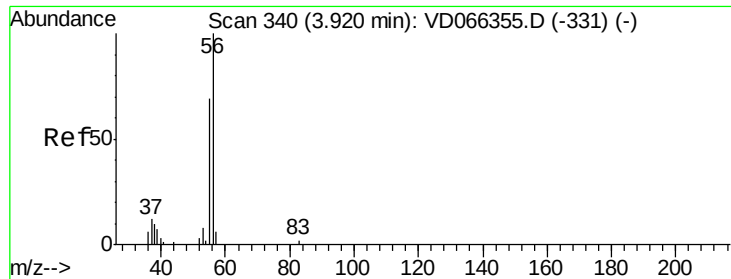


#12

1,1-Dichloroethene
Concen: 52.676 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	110367		
61	145.1		124.3	186.5
98	59.5		53.2	79.8





#13

Acrolein

Concen: 219.866 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 56 Resp: 24607

Ion Ratio Lower Upper

56 100

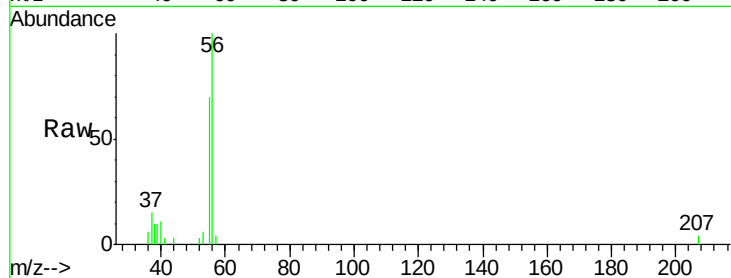
55 73.8 55.5 83.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

10000

8000

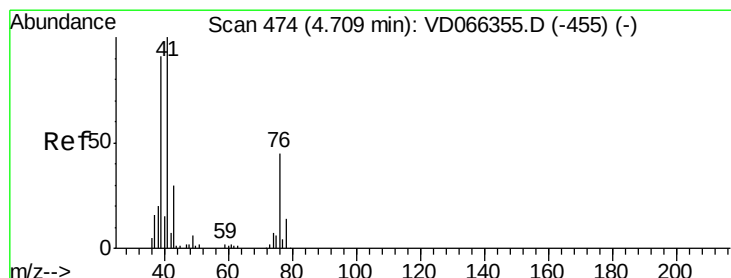
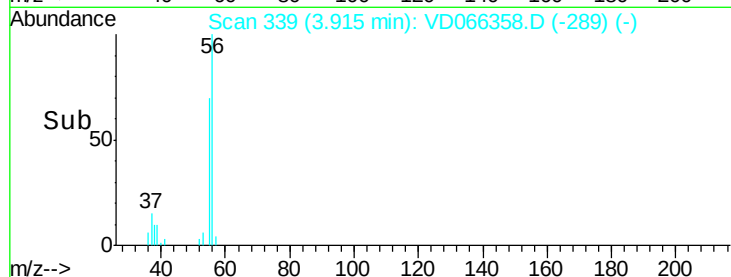
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 51.317 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

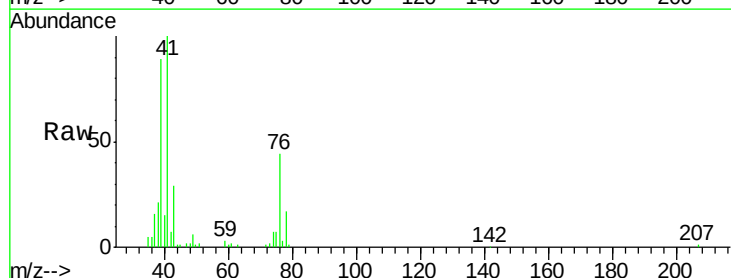
Tgt Ion: 41 Resp: 143513

Ion Ratio Lower Upper

41 100

39 91.5 72.8 109.2

76 43.1 34.0 51.0



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

60000

50000

40000

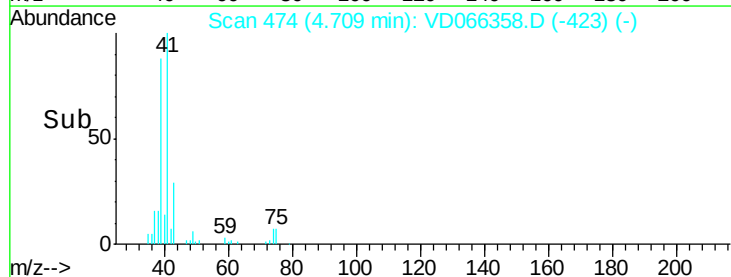
30000

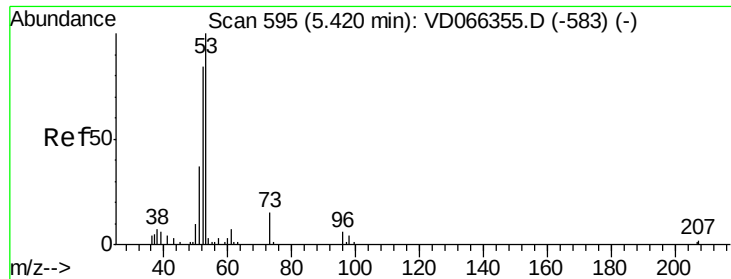
20000

10000

0

Time--> 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 249.689 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

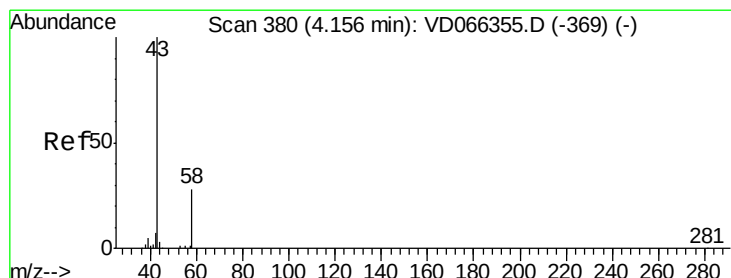
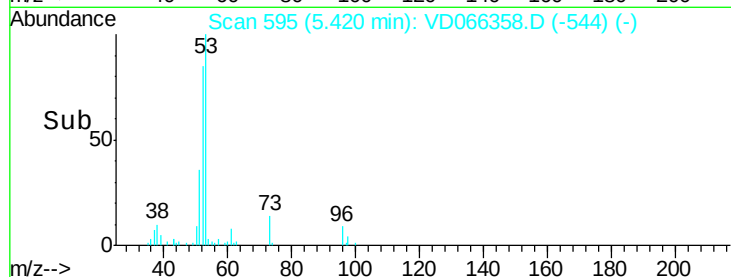
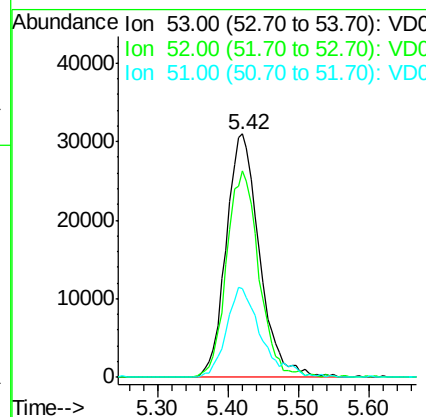
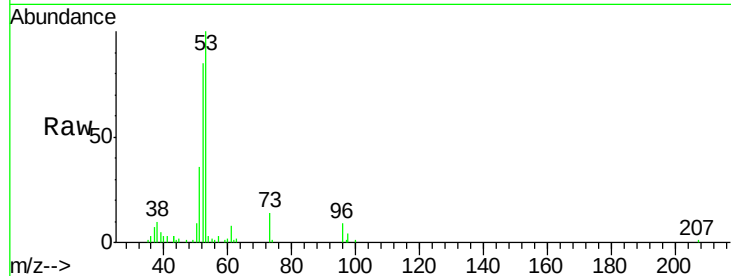
ClientSampleId :

ICVVD082120

Tot Ion:	53	Resp:	101522
Ion Ratio	Lower	Upper	
53	100		
52	82.3	68.1	102.1
51	38.2	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 246.845 ug/l

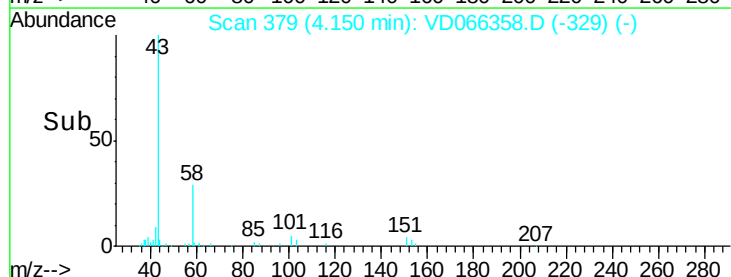
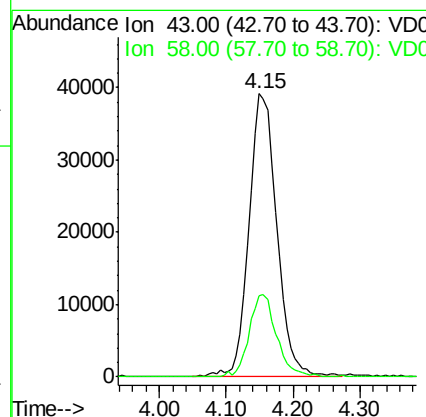
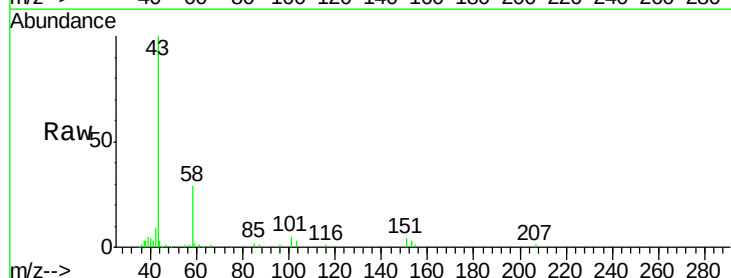
RT: 4.15 min Scan# 379

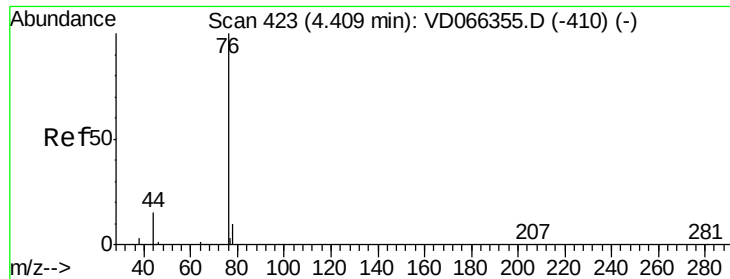
Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	43	Resp:	112160
Ion Ratio	Lower	Upper	
43	100		
58	28.8	22.7	34.1





#17

Carbon Disulfide

Concen: 50.756 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 76 Resp: 322289

Ion Ratio Lower Upper

76 100

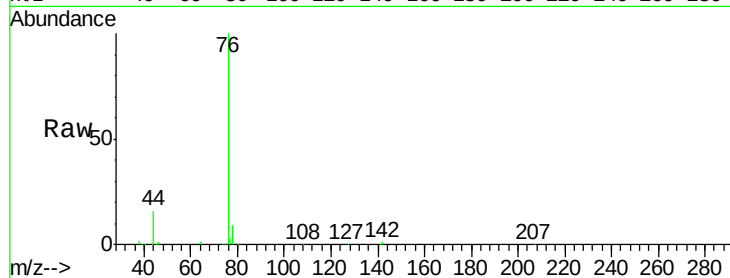
78 8.8 7.7 11.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

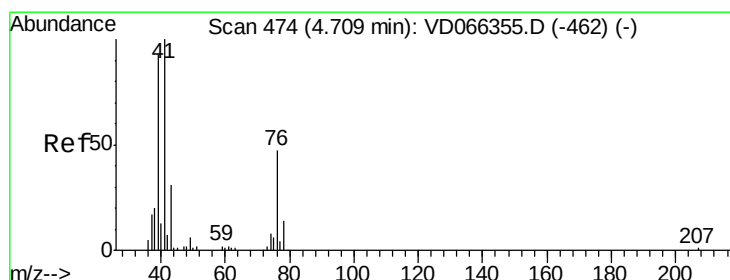
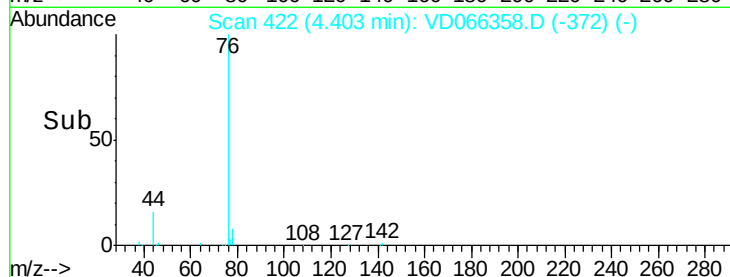
4.40

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.948 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066358.D

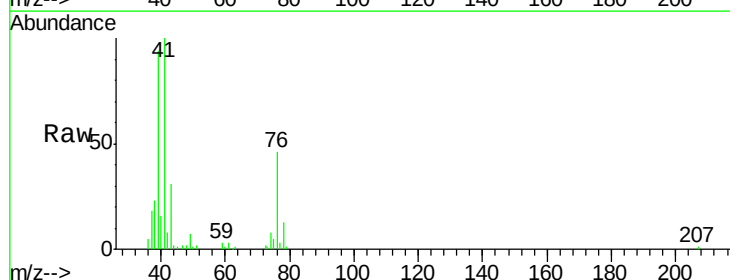
Acq: 21 Aug 2020 14:08

Tgt Ion: 43 Resp: 40037

Ion Ratio Lower Upper

43 100

74 28.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

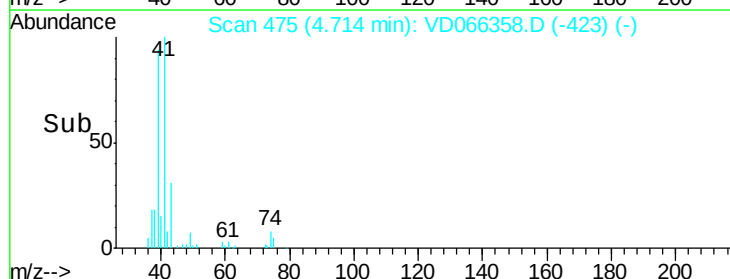
15000

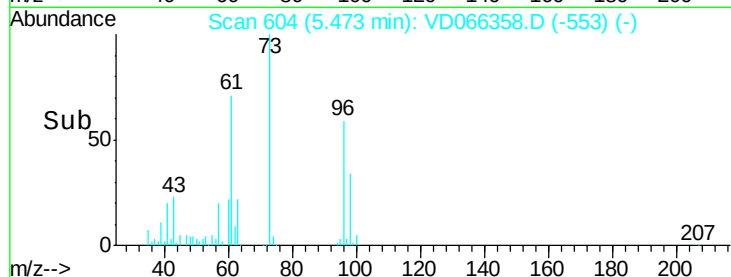
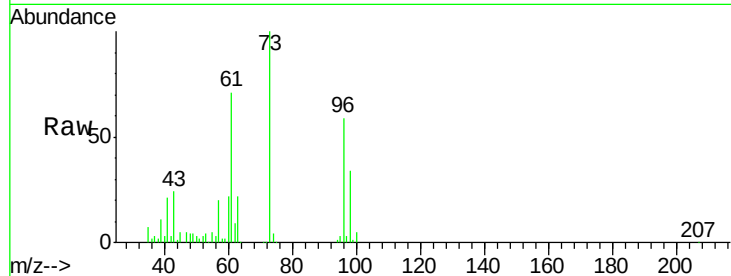
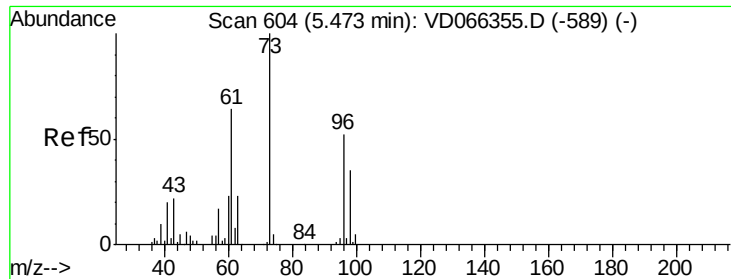
10000

5000

0

Time-->





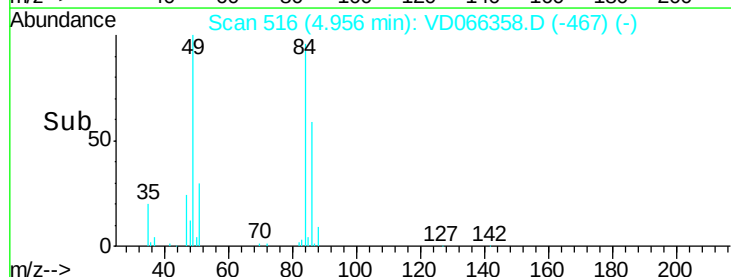
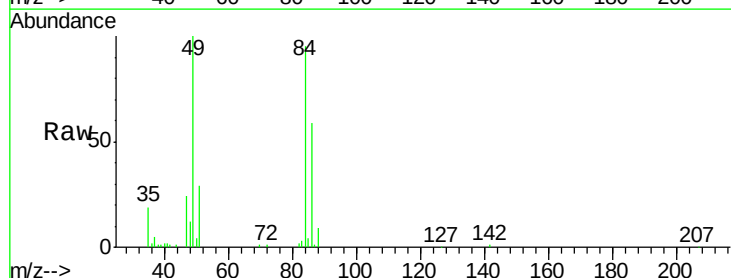
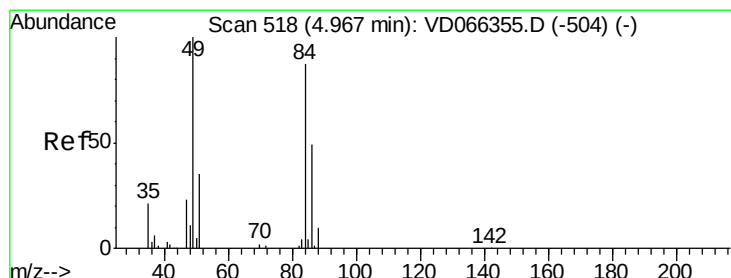
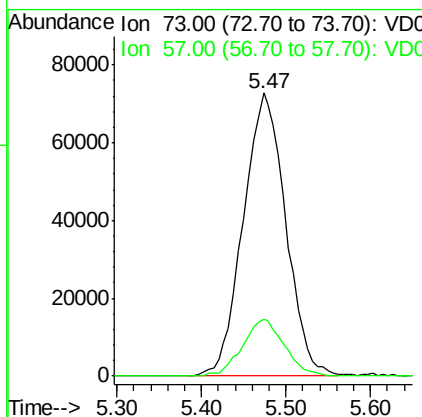
#19
Methyl tert-butyl Ether
Concen: 50.329 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tot Ion: 73 Resp: 253916
Ion Ratio Lower Upper
73 100
57 20.0 13.8 20.6

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

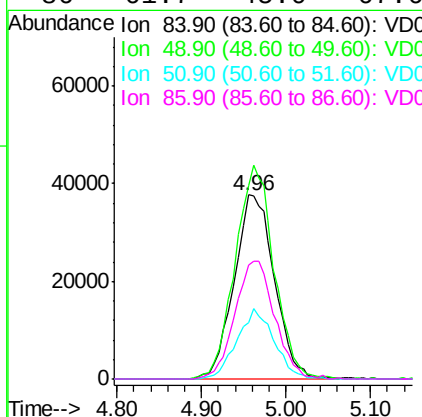
Manual Integrations
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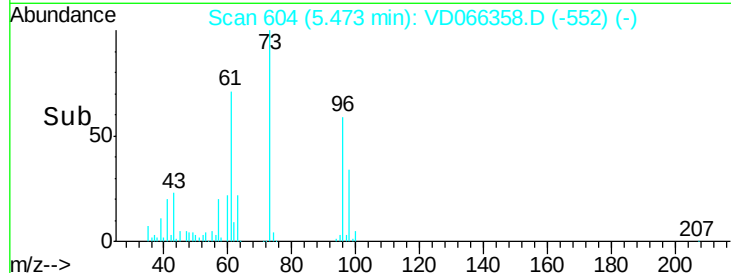
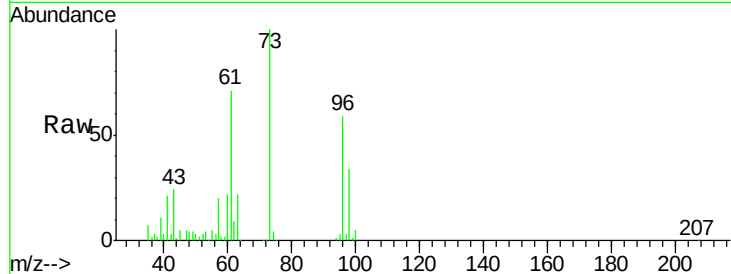
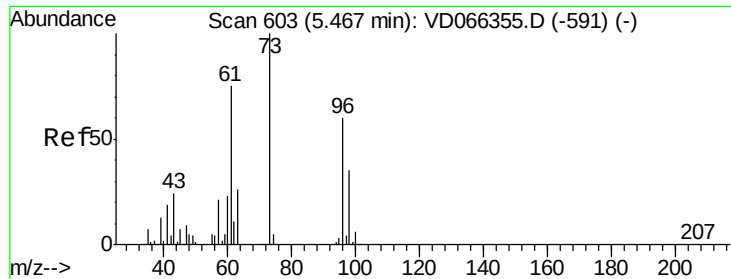
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#20
Methylene Chloride
Concen: 51.292 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion: 84 Resp: 124144
Ion Ratio Lower Upper
84 100
49 105.2 92.5 138.7
51 30.8 32.5 48.7#
86 61.7 45.0 67.6





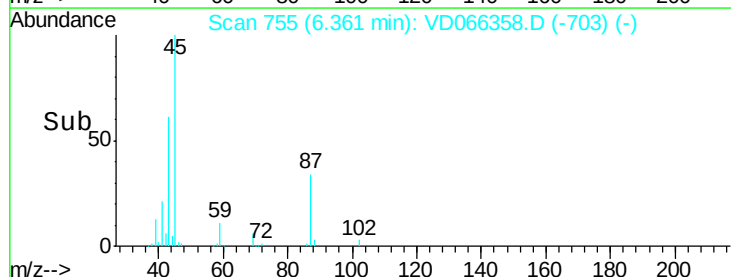
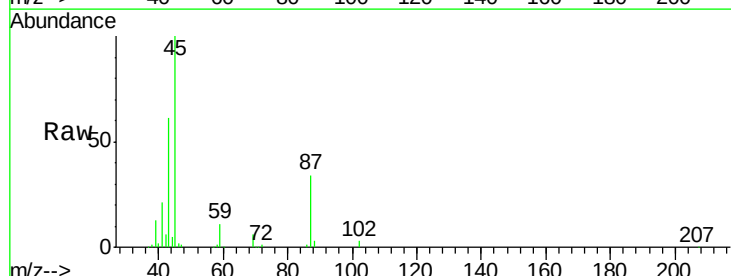
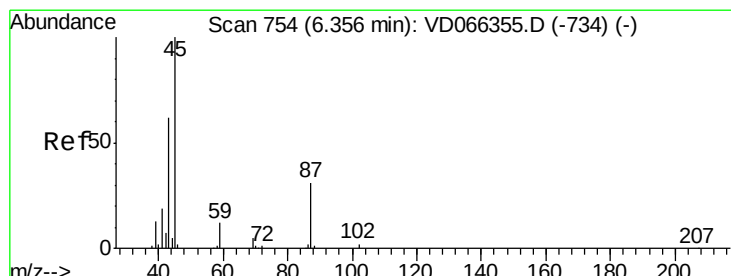
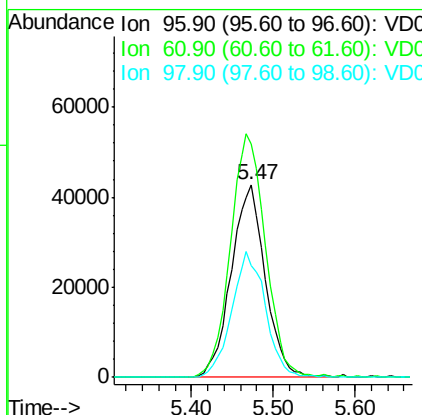
#21
trans-1,2-Dichloroethene
Concen: 50.882 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.3	101.1	151.7
98	58.2	47.0	70.6

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

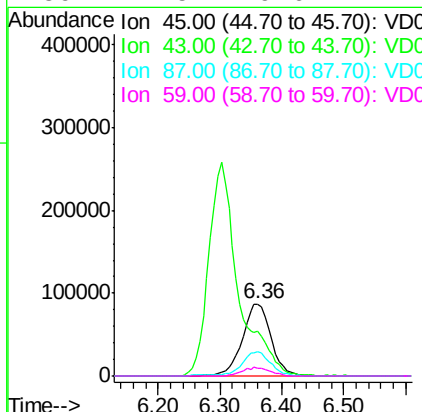
Manual Integrations
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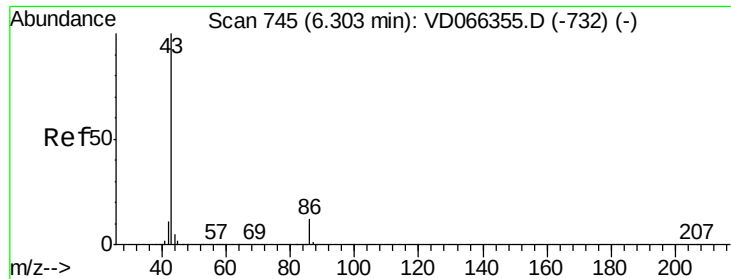
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#22
Diisopropyl ether
Concen: 51.783 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.9	49.8	74.8
87	33.6	25.0	37.6
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 255.638 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleID :

ICVVD082120

Tot Ion: 43 Resp: 856883

Ion Ratio Lower Upper

43 100

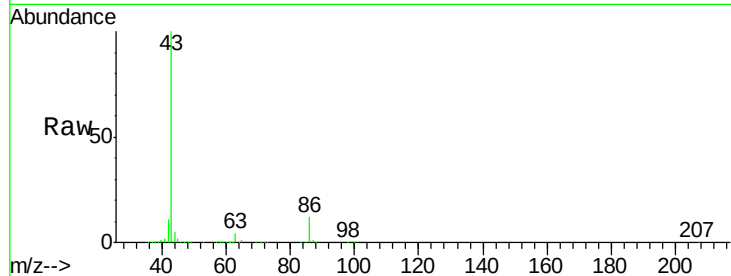
86 12.1 9.4 14.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

300000

250000

200000

150000

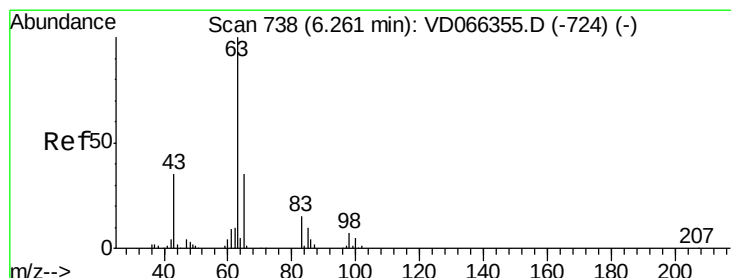
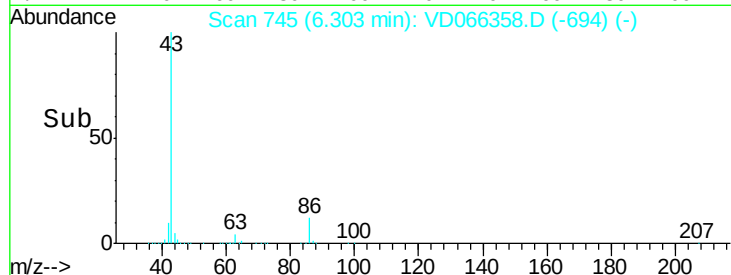
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 50.421 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

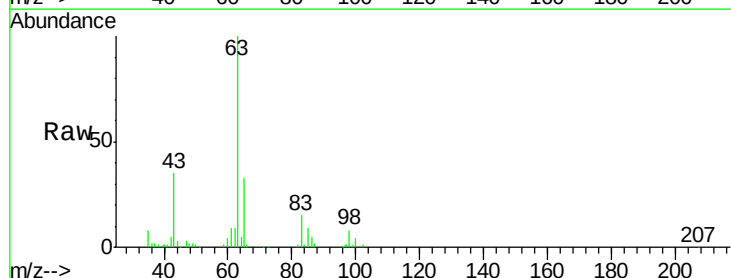
Tgt Ion: 63 Resp: 192929

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

100 4.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

80000

60000

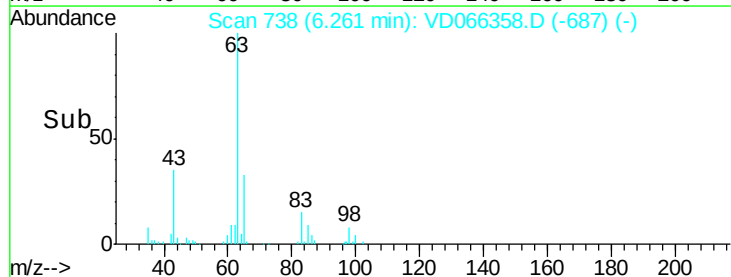
40000

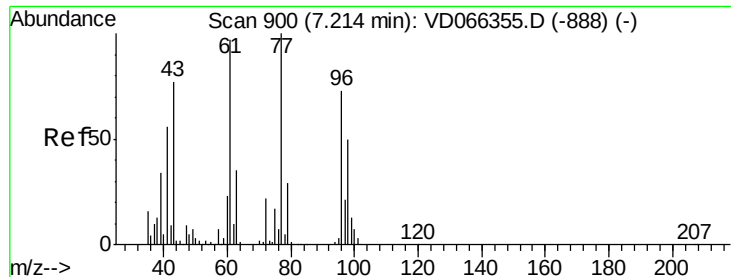
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 249.774 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampled :

ICVVD082120

Tot Ion: 43 Resp: 128840

Ion Ratio Lower Upper

43 100

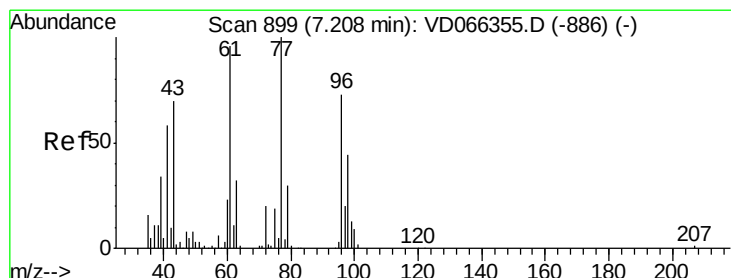
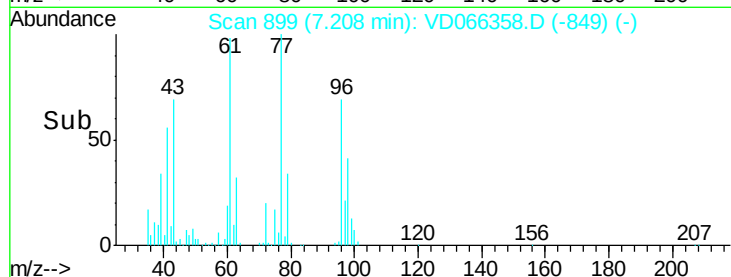
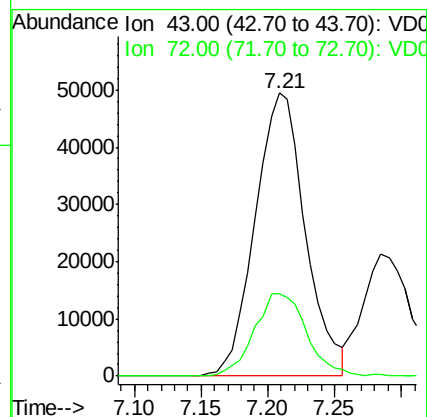
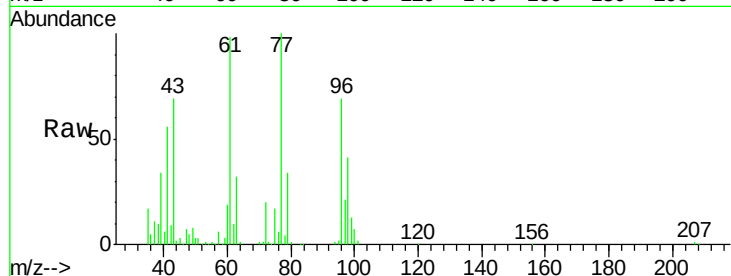
72 29.0 22.5 33.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.997 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066358.D

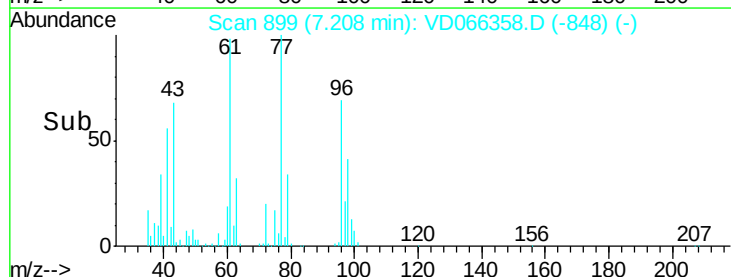
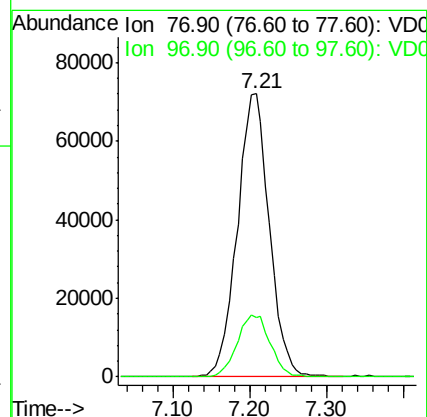
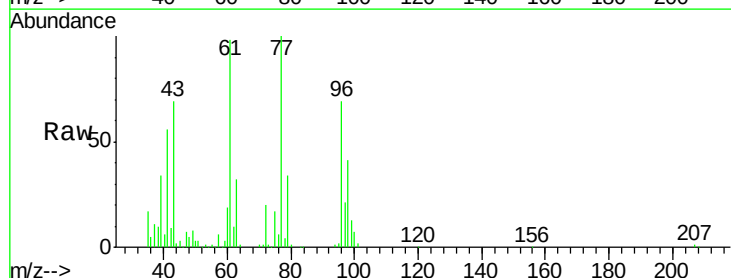
Acq: 21 Aug 2020 14:08

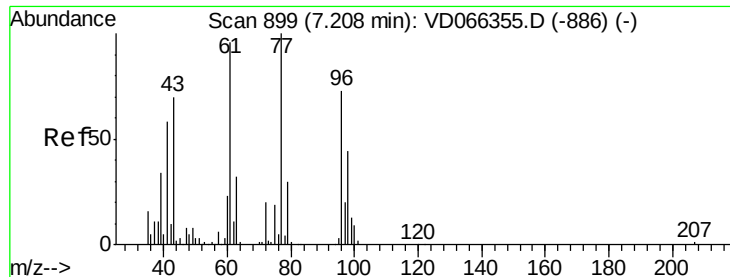
Tgt Ion: 77 Resp: 209140

Ion Ratio Lower Upper

77 100

97 22.5 10.7 31.9





#27

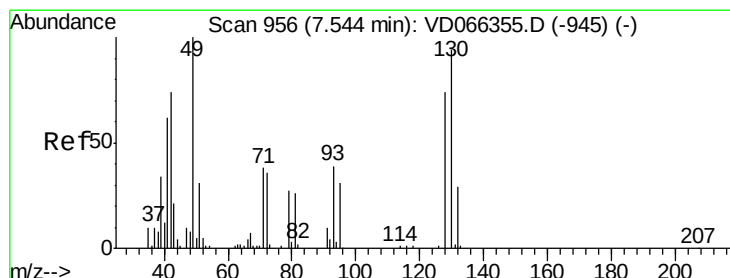
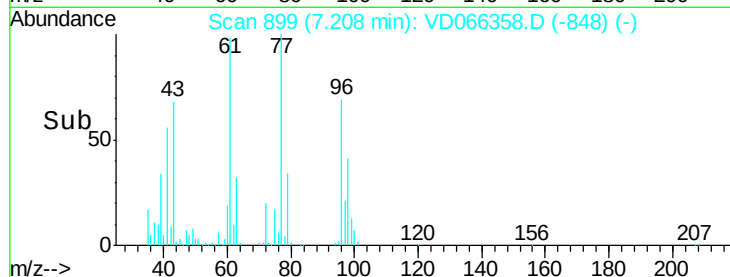
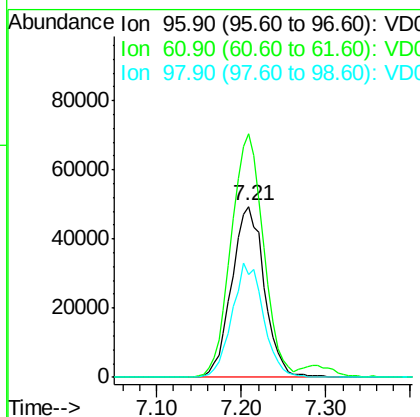
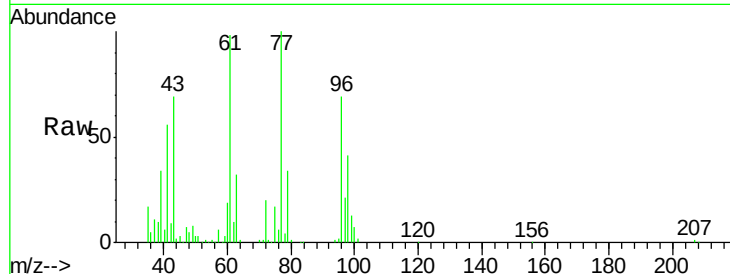
cis-1,2-Dichloroethene
Concen: 50.424 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	131776		
61	141.1		0.0	281.4
98	64.0		0.0	132.2

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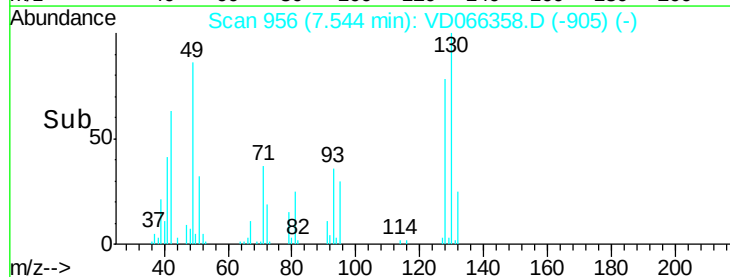
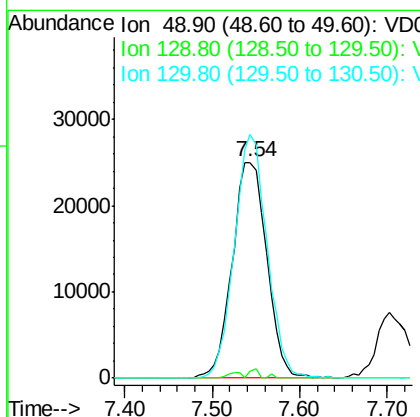
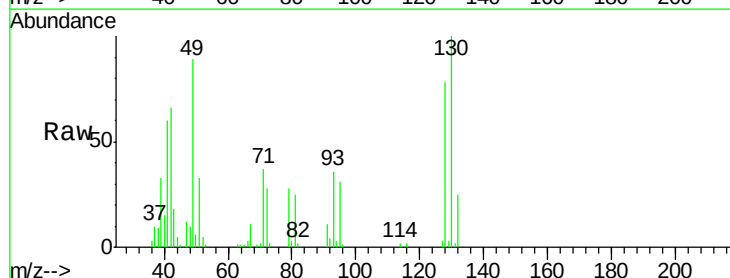
MMDadoda
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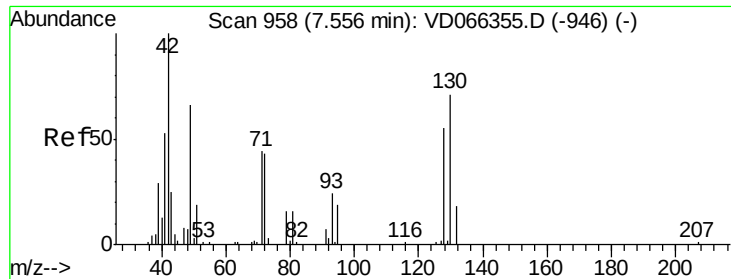


#28

Bromochloromethane
Concen: 50.900 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67087		
129	1.0		0.0	3.0
130	106.2		82.6	124.0





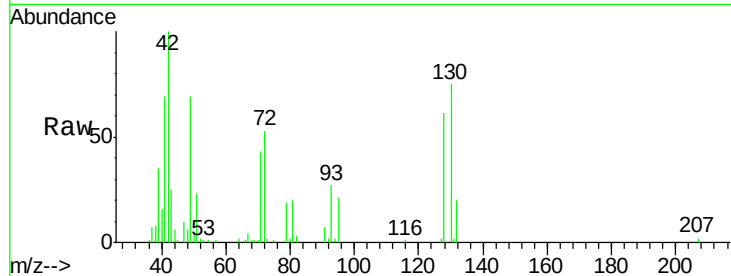
#29
Tetrahydrofuran
Concen: 247.741 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

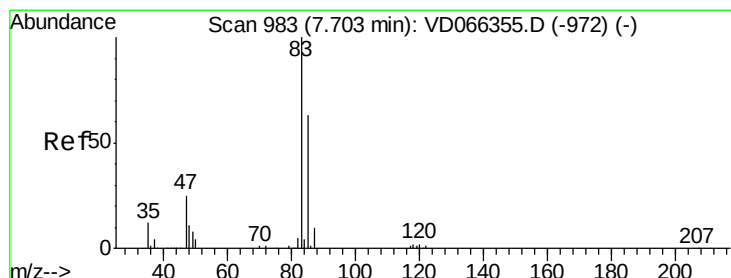
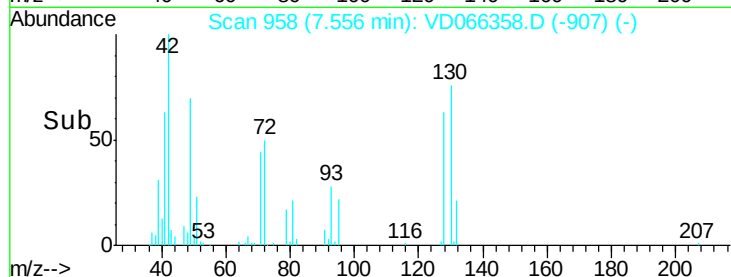
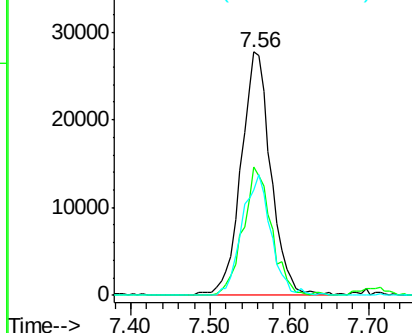
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	41.0	61.4
71	47.2	37.2	55.8

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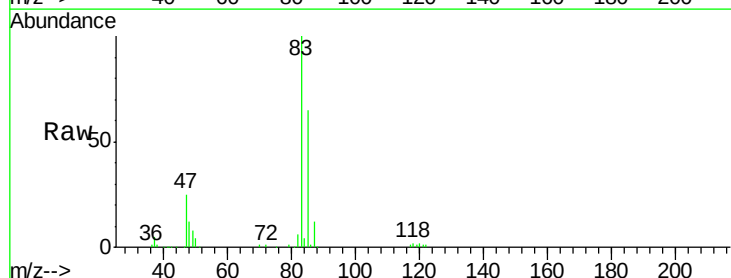


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

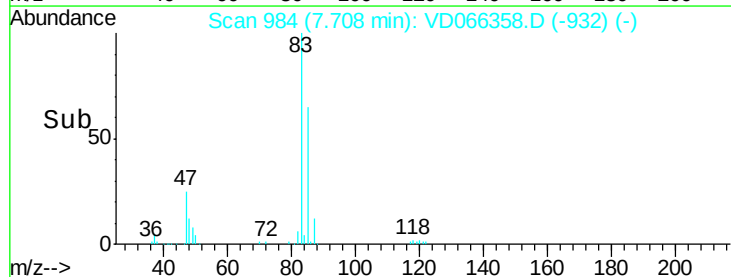
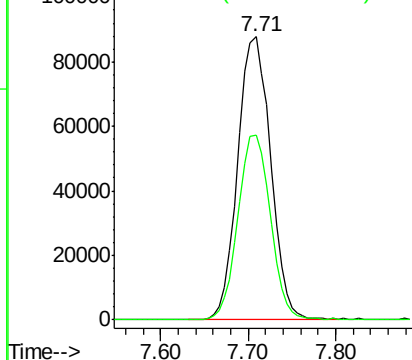


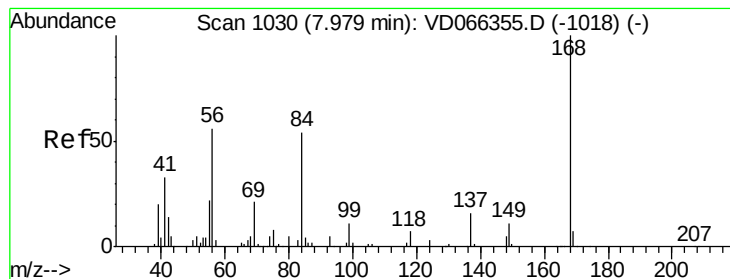
#30
Chloroform
Concen: 50.699 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5



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





#31

Cyclohexane

Concen: 48.948 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

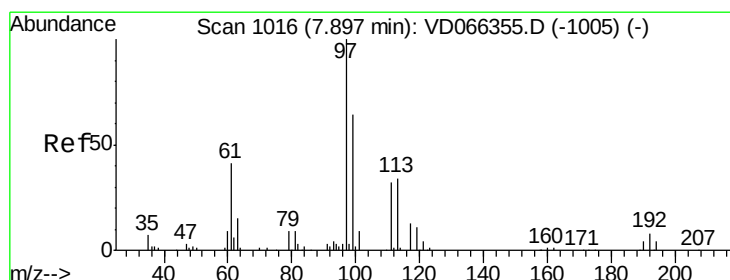
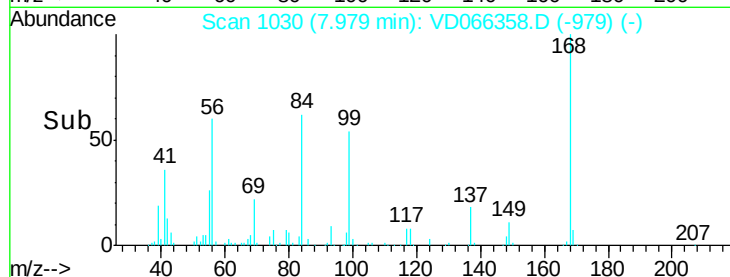
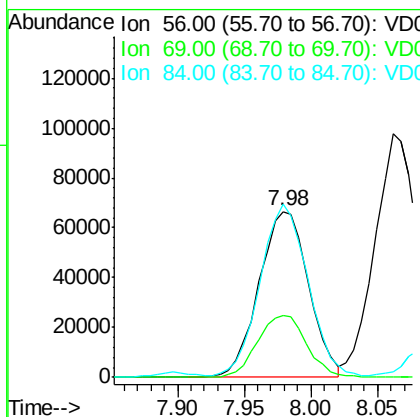
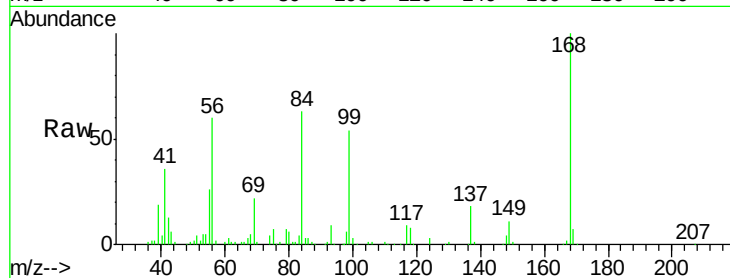
ClientSampleId :

ICVVD082120

Tot Ion:	56	Resp:	171291
Ion	Ratio	Lower	Upper
56	100		
69	37.1	29.6	44.4
84	102.7	76.6	115.0

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#32

1,1,1-Trichloroethane

Concen: 50.974 ug/l

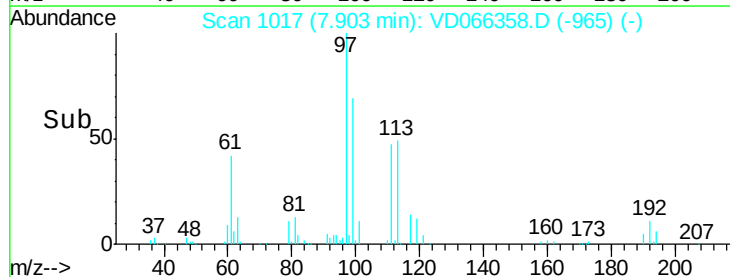
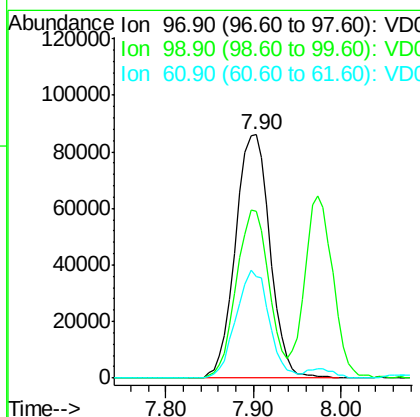
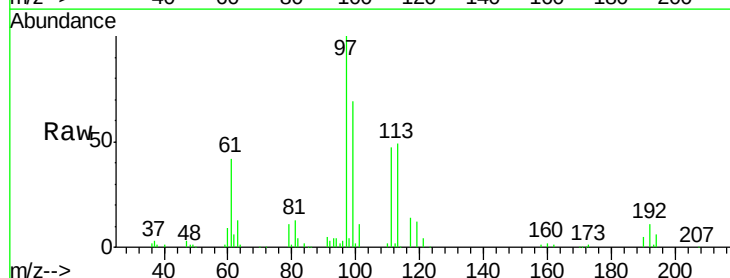
RT: 7.90 min Scan# 1017

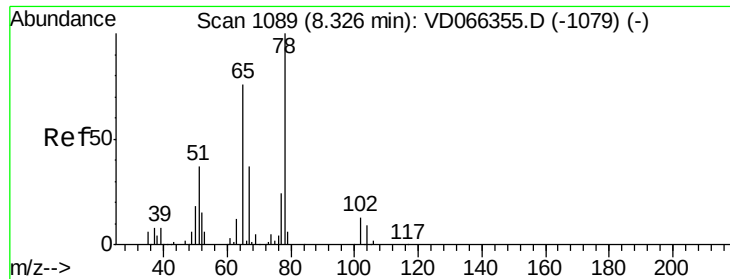
Delta R.T. 0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	97	Resp:	230958
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.5	77.3
61	42.7	33.3	49.9





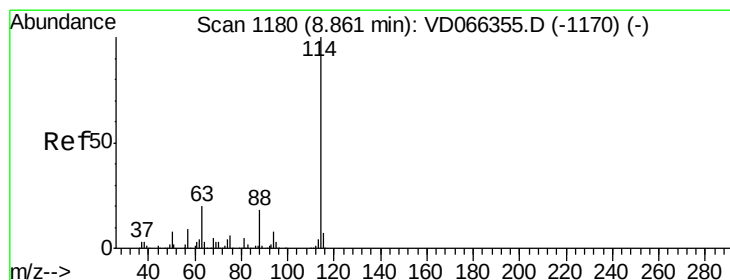
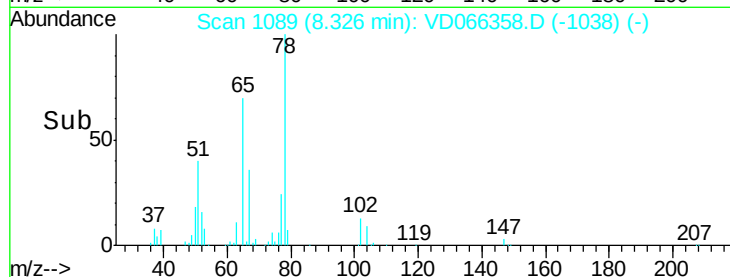
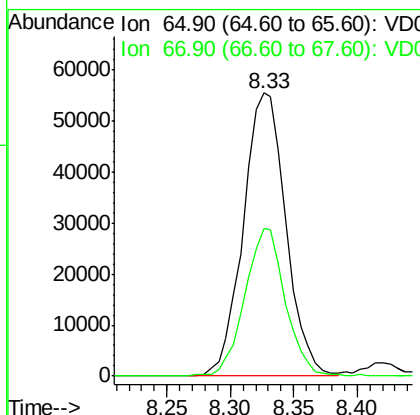
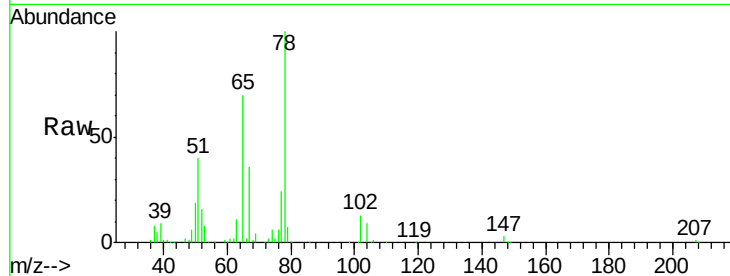
#33
 1,2-Dichloroethane-d4
 Concen: 51.512 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129826		
67	49.2	0.0	101.6	

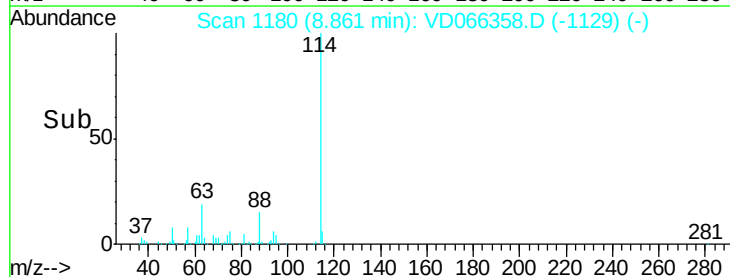
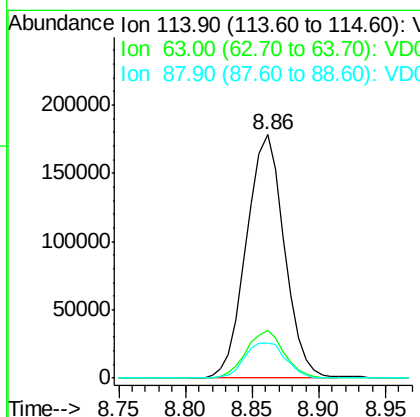
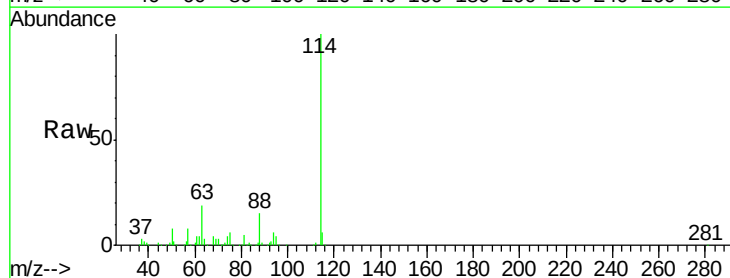
Manual Integrations
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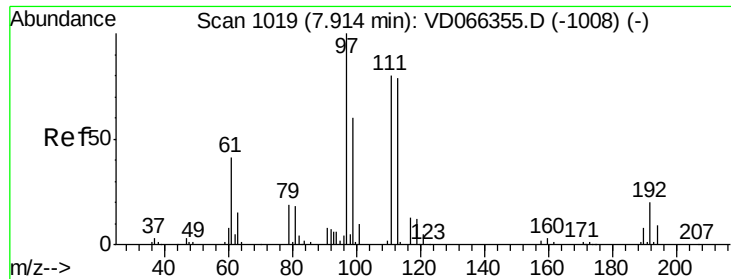
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 8/24/2020 4:37:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	350753		
63	19.4	0.0	40.8	
88	14.5	0.0	35.4	





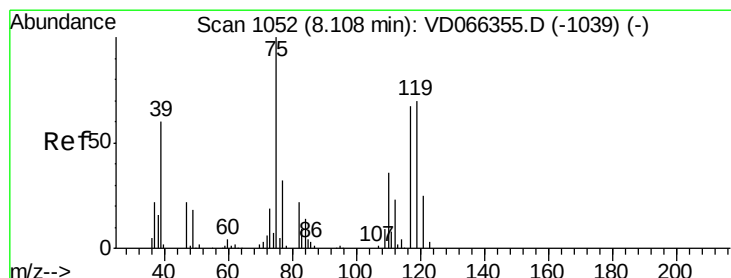
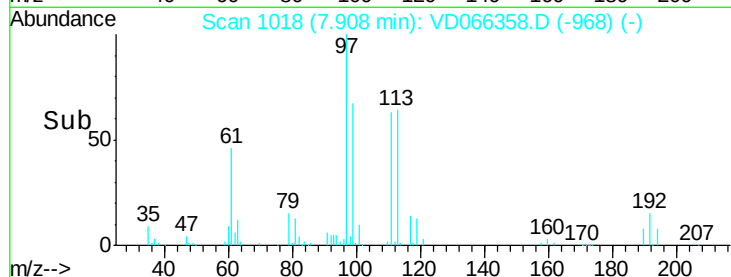
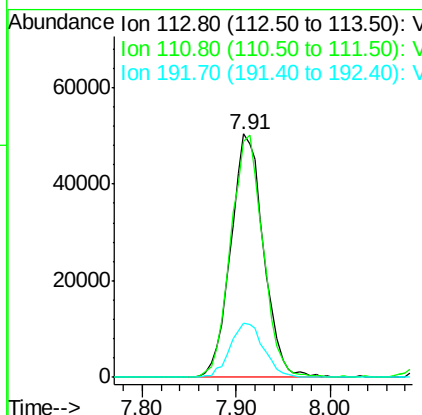
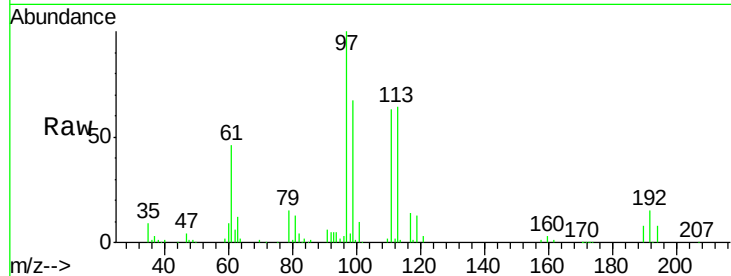
#35
 Dibromofluoromethane
 Concen: 55.465 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121650		
111	98.1	80.3	120.5	
192	22.8	19.0	28.6	

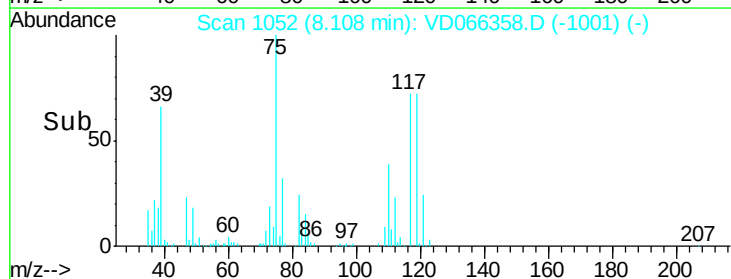
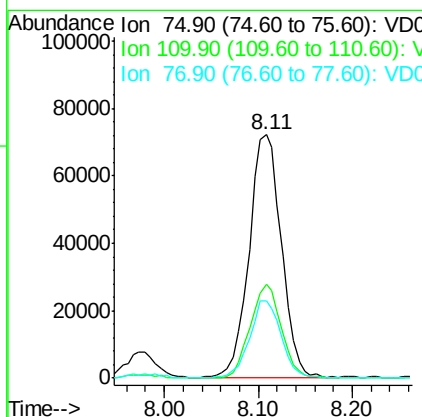
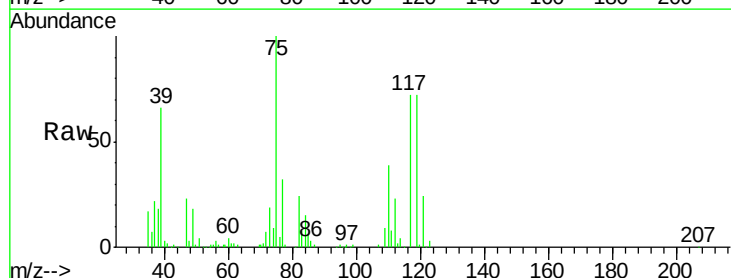
Manual Integrations
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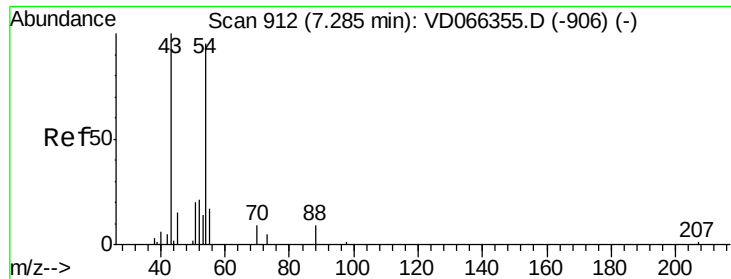
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#36
 1,1-Dichloropropene
 Concen: 53.970 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172725		
110	36.7	18.7	56.1	
77	31.0	25.2	37.8	





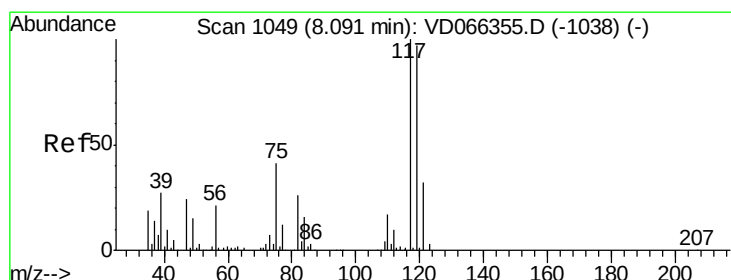
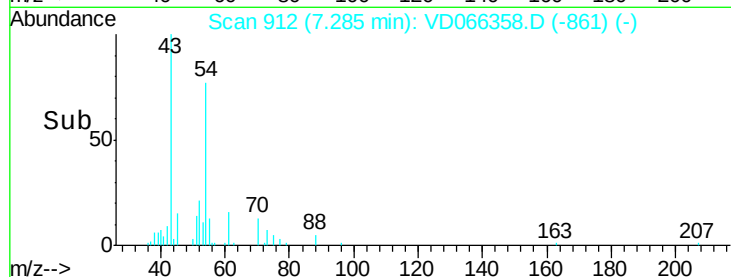
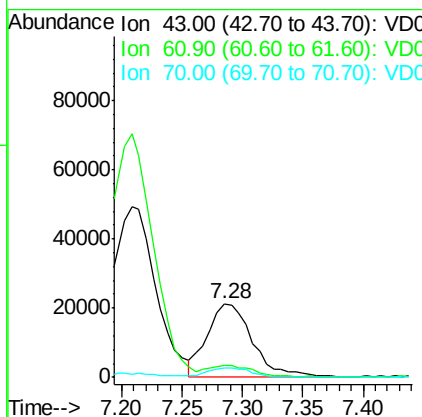
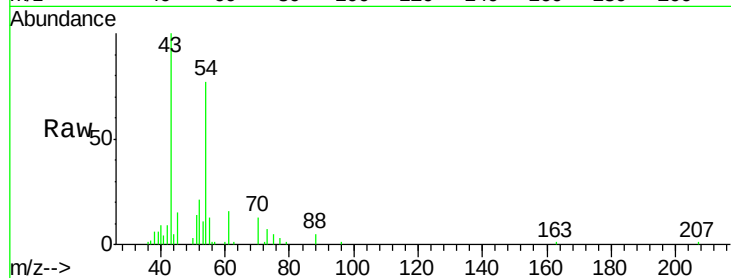
#37
Ethyl Acetate
Concen: 50.762 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.3	19.9
70	12.8	3.5	5.3

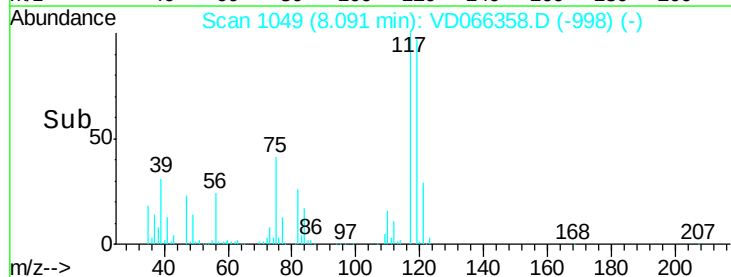
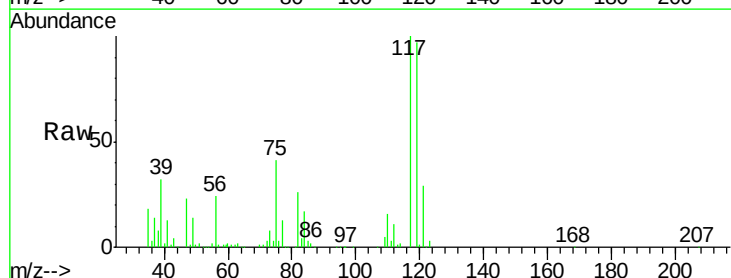
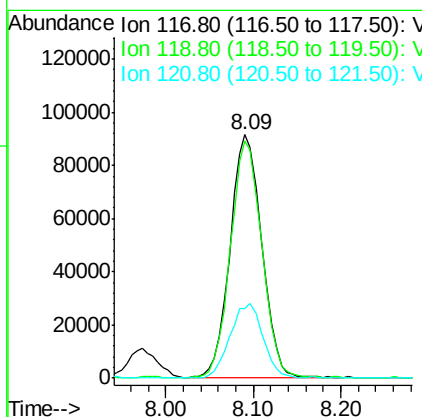
Manual Integrations
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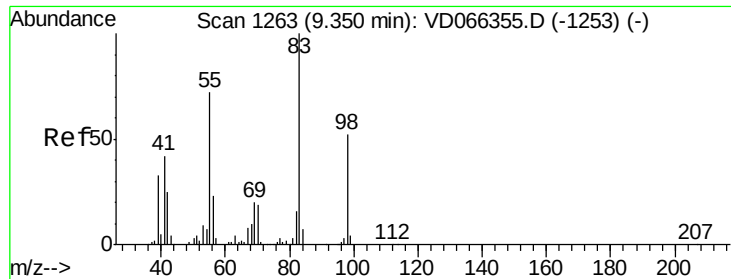
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#38
Carbon Tetrachloride
Concen: 54.037 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.2	115.8
121	28.8	25.8	38.8





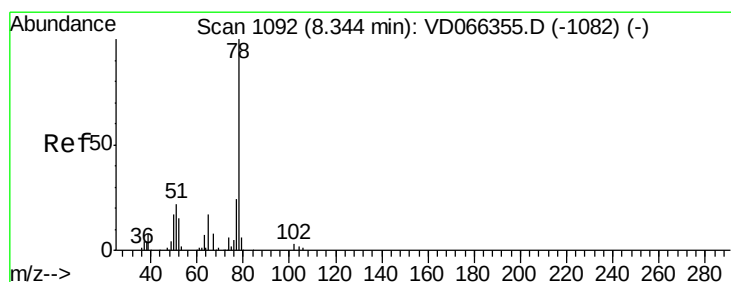
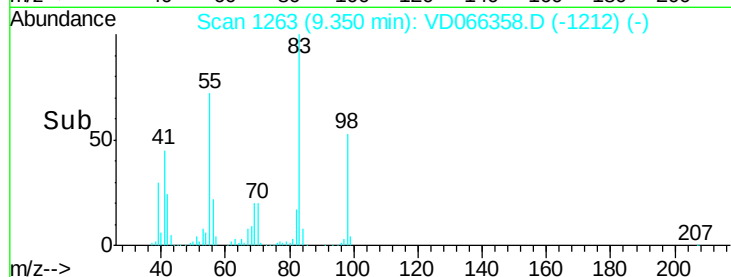
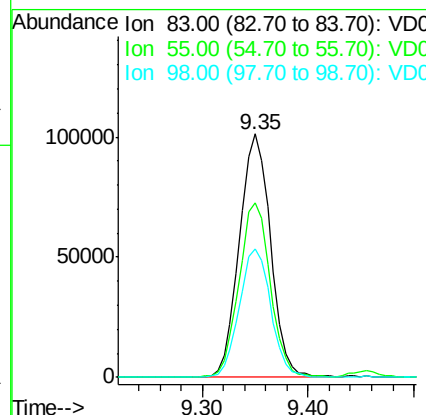
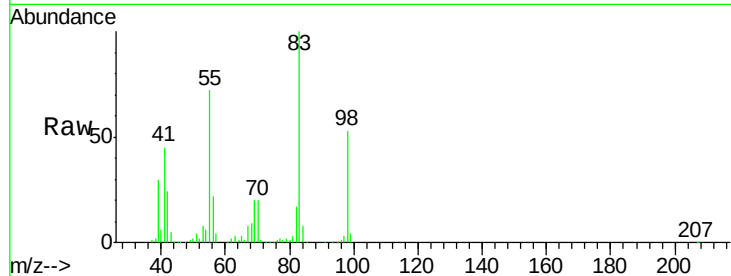
#39
Methylvlcyclohexane
Concen: 55.139 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.0	87.0
98	52.5	41.9	62.9

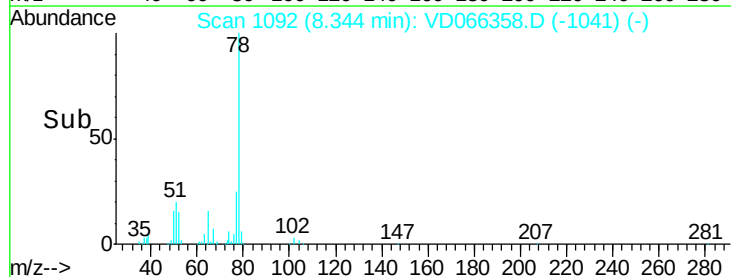
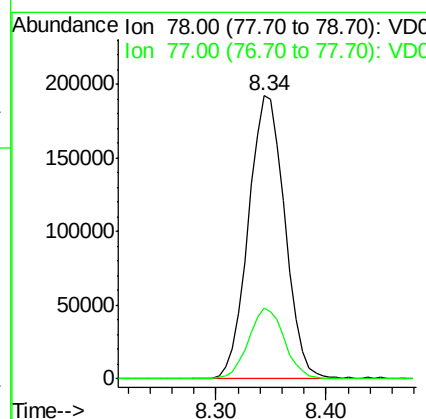
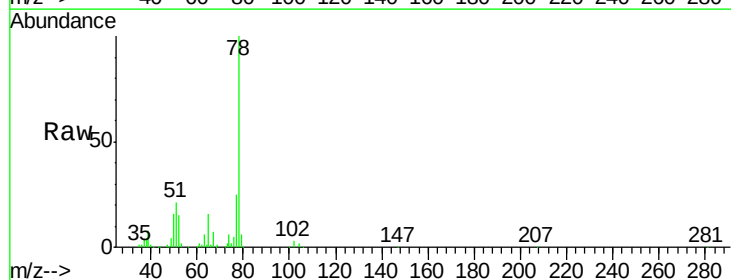
Manual Integrations
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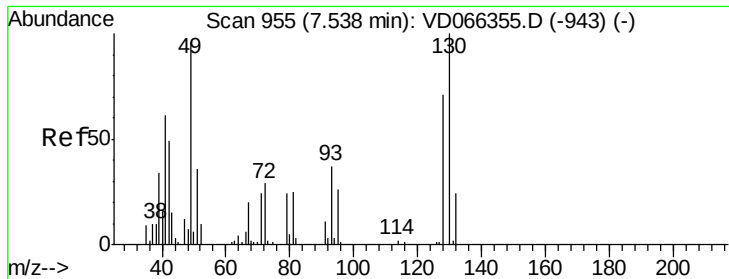
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#40
Benzene
Concen: 53.102 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





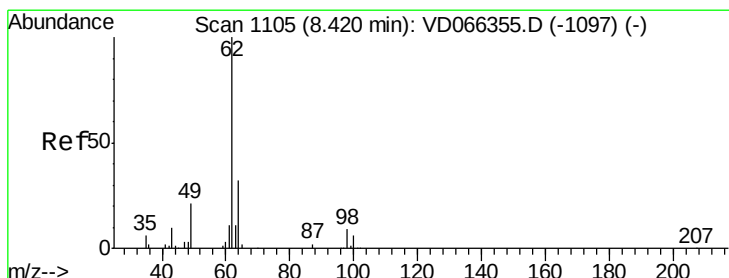
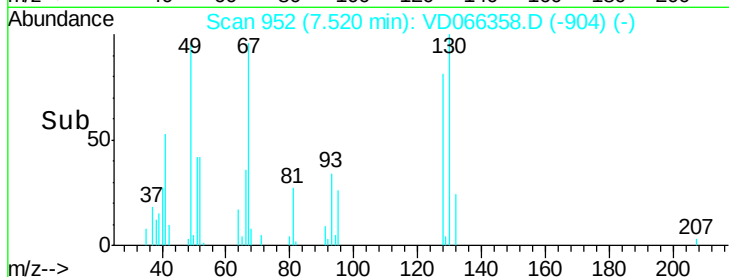
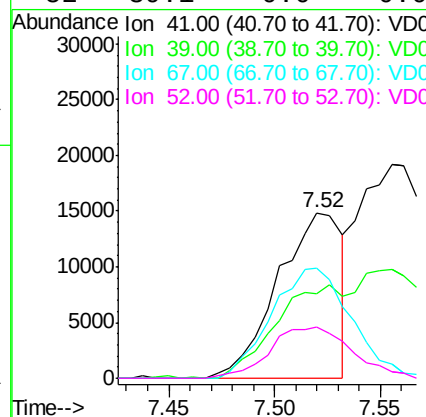
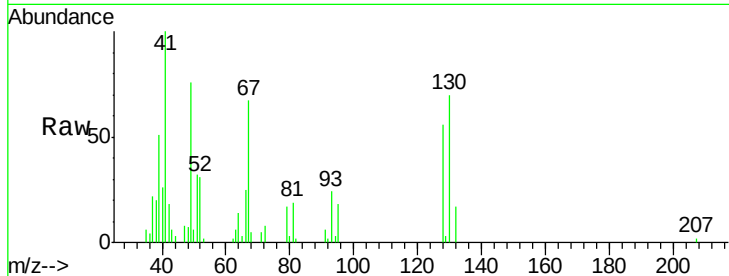
#41
Methacrylonitrile
Concen: 46.986 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	51.8	77.8
67	81.9	0.0	0.0#
52	39.1	0.0	0.0#

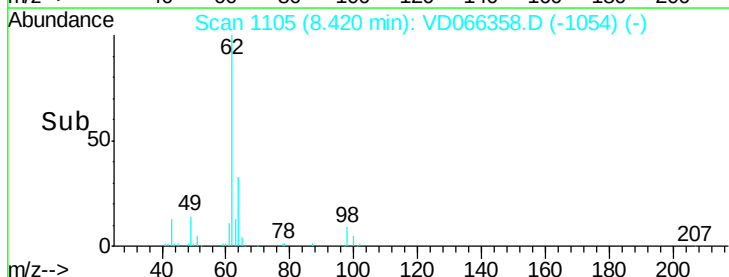
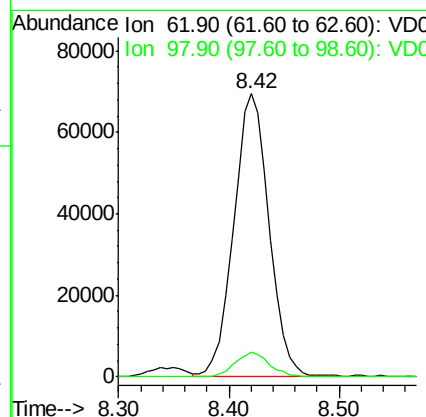
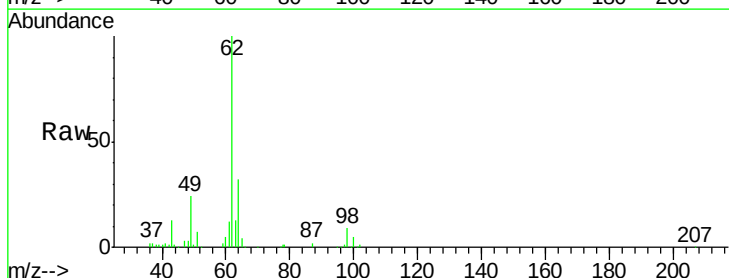
Manual Integrations
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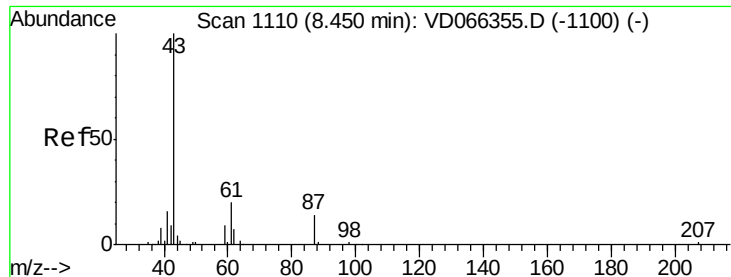
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#42
1,2-Dichloroethane
Concen: 52.344 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 50.604 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

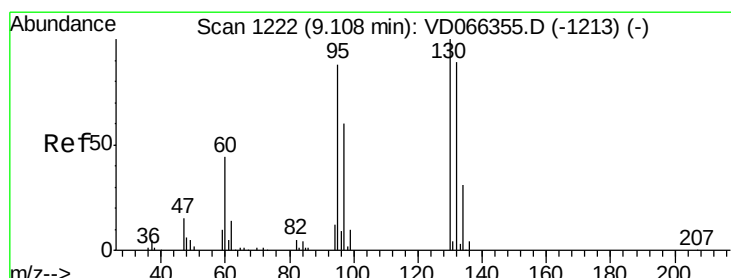
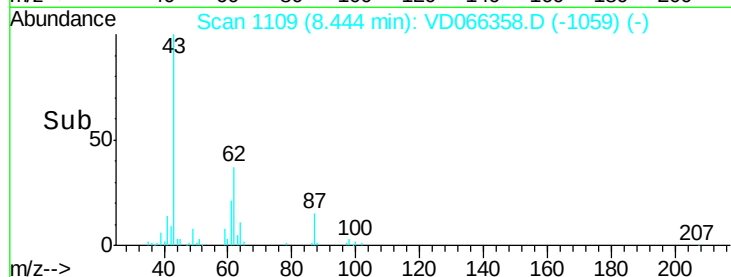
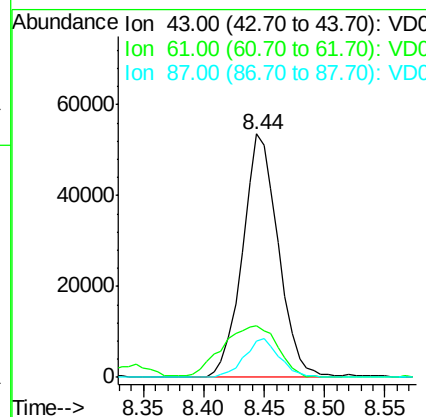
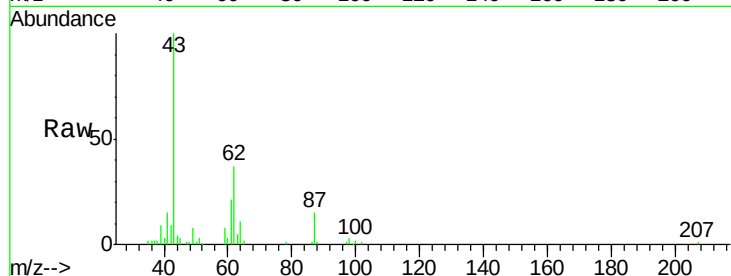
ClientSampleId :

ICVVD082120

Tot Ion:	43	Resp:	110559
Ion	Ratio	Lower	Upper
43	100		
61	32.9	26.5	39.7
87	15.6	11.9	17.9

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#44

Trichloroethene

Concen: 53.996 ug/l

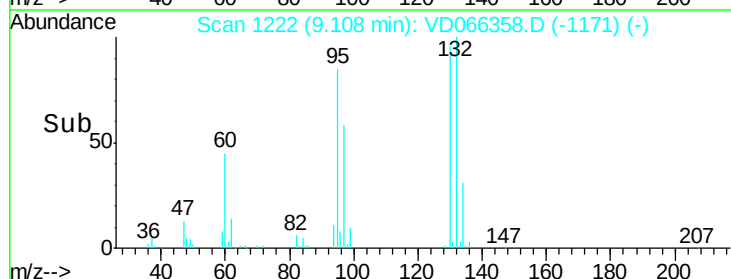
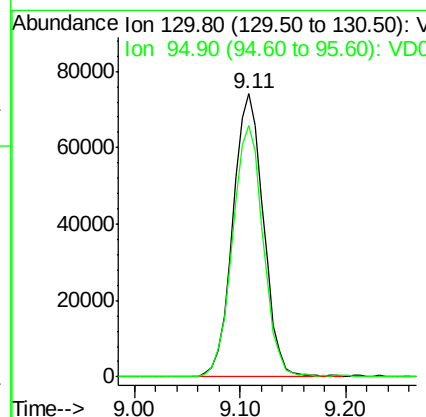
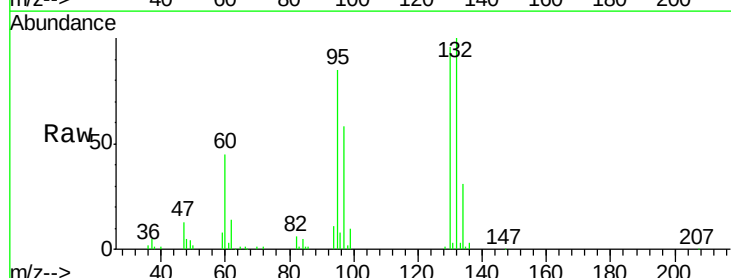
RT: 9.11 min Scan# 1222

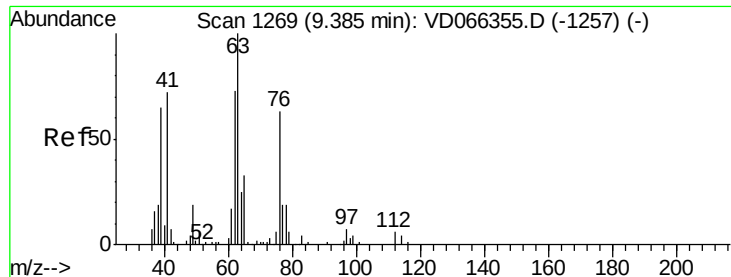
Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	130	Resp:	147718
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	175.6





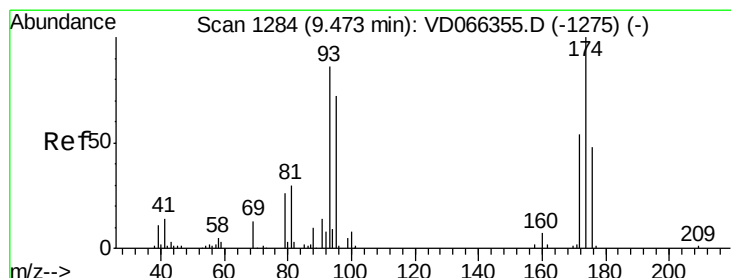
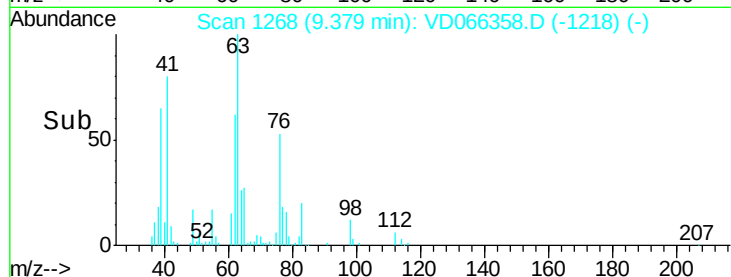
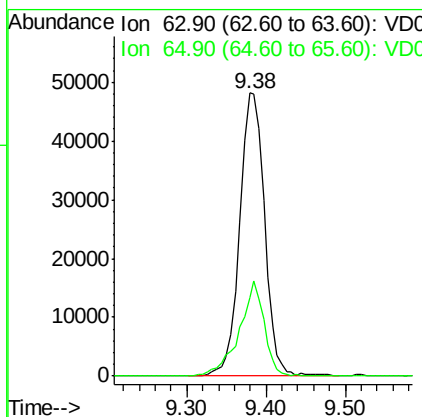
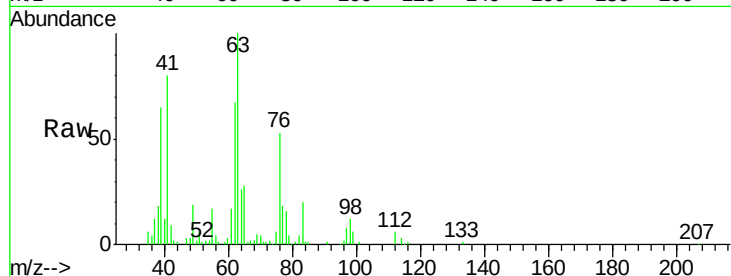
#45
 1,2-Dichloropropane
 Concen: 55.067 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion: 63 Resp: 105106
 Ion Ratio Lower Upper
 63 100
 65 27.7 26.4 39.6

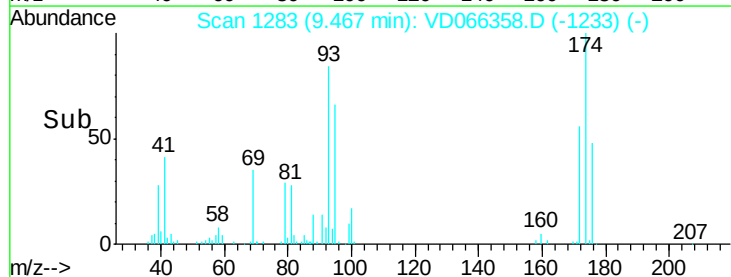
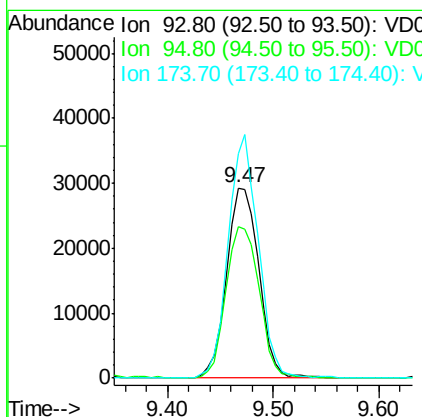
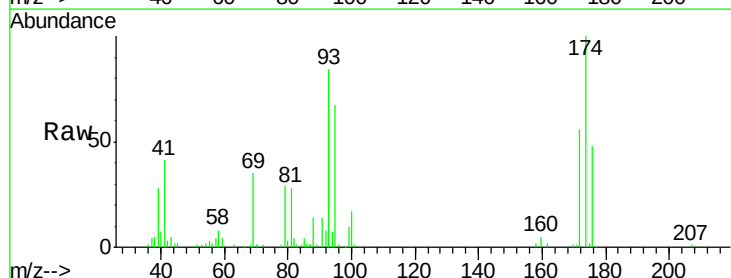
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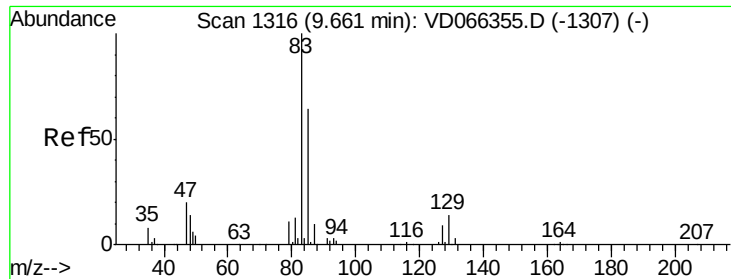
MMDadoda
 8/24/2020 4:37:08 PM



#46
 Dibromomethane
 Concen: 52.109 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 93 Resp: 61926
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 118.5 94.6 141.8





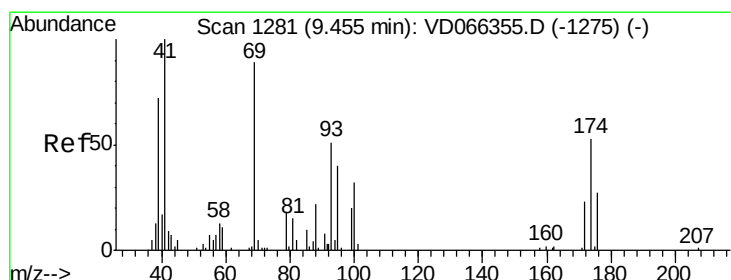
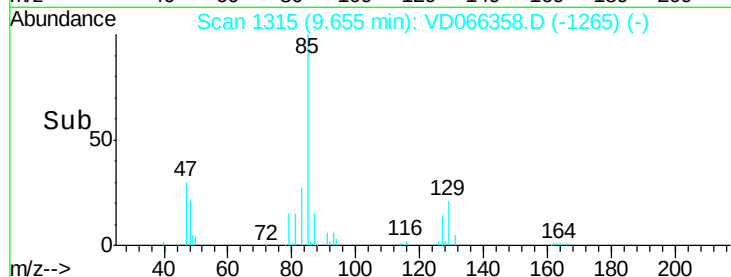
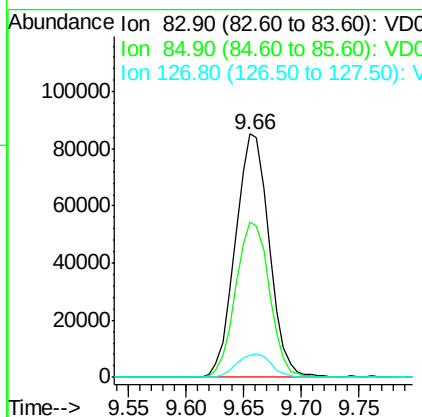
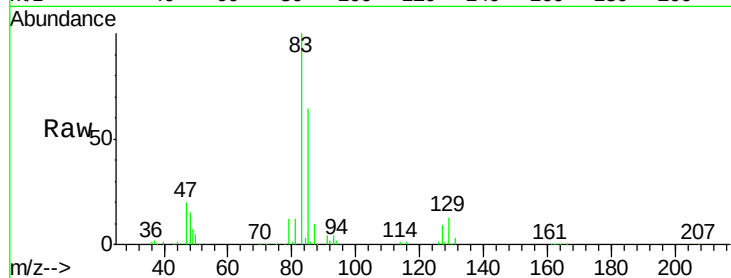
#47
Bromodichloromethane
Concen: 53.089 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	173502		
85	63.8		51.4	77.0
127	9.0		7.4	11.0

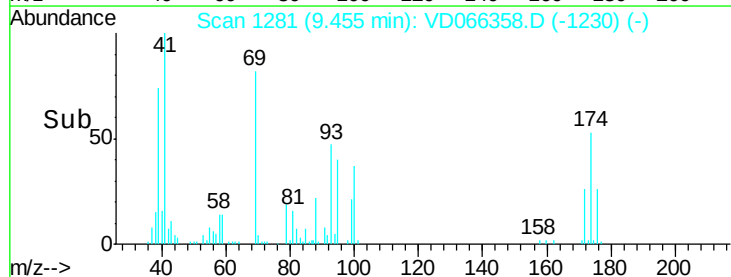
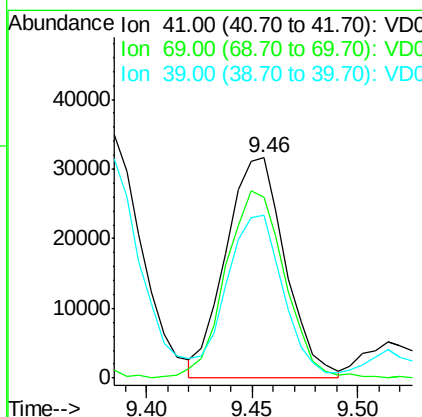
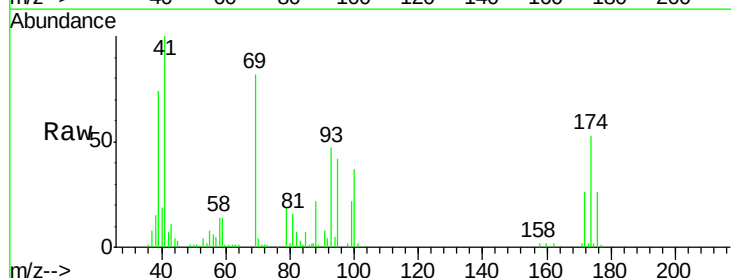
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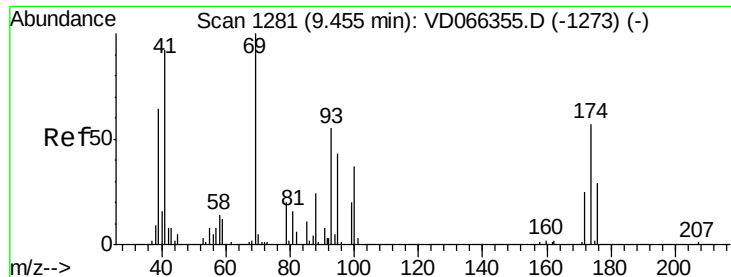
MMDadoda
8/24/2020 4:37:08 PM



#48
Methyl methacrylate
Concen: 54.403 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	61292		
69	85.4		75.5	113.3
39	65.8		57.0	85.4





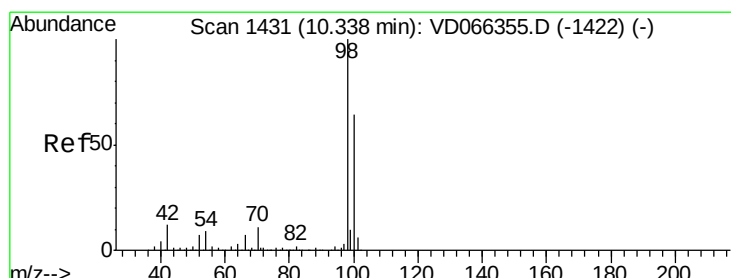
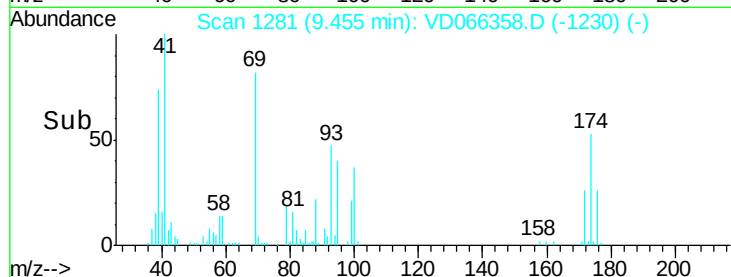
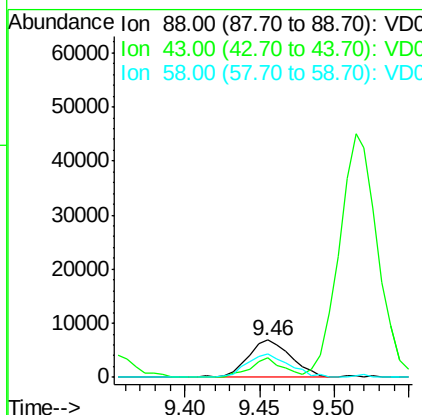
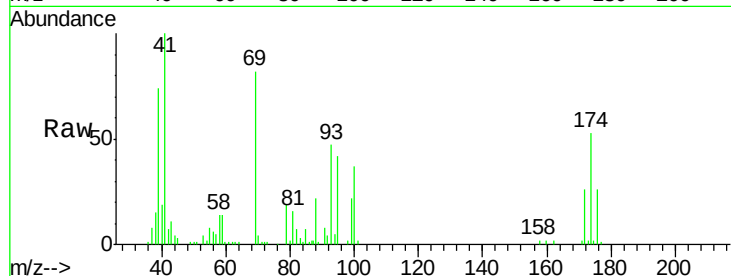
#49
1,4-Dioxane
Concen: 996.226 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	88	Resp	13747
Ion	Ratio	Lower	Upper
88	100		
43	40.0	29.4	44.0
58	63.2	45.4	68.2

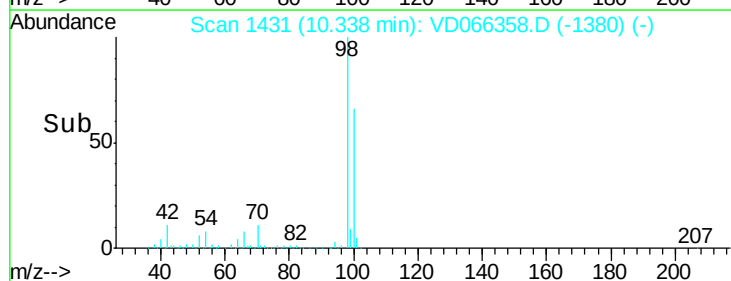
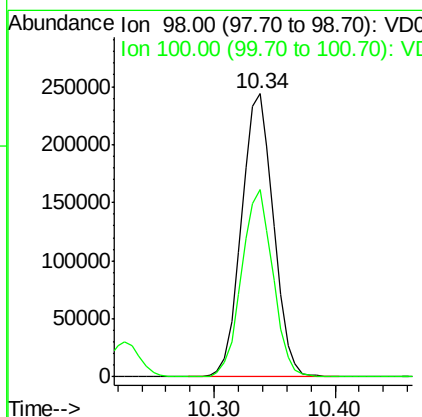
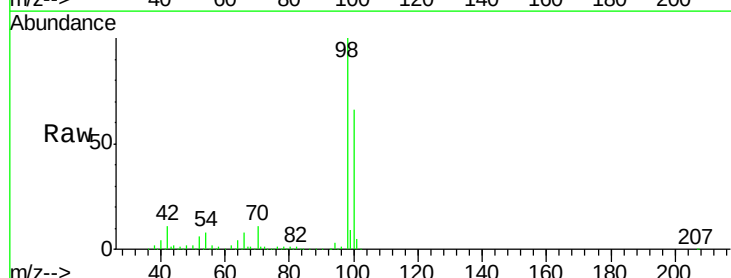
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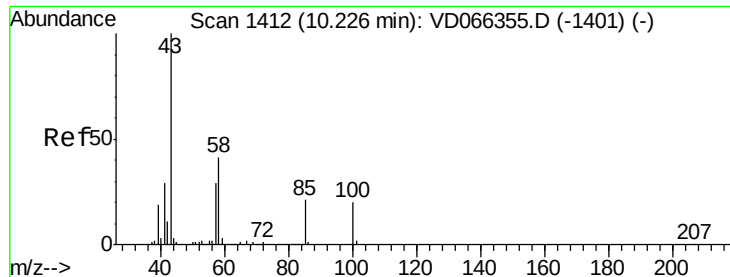
MMDadoda
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#50
Toluene-d8
Concen: 56.305 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	98	Resp	451845
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 263.203 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 43 Resp: 278182

Ion Ratio Lower Upper

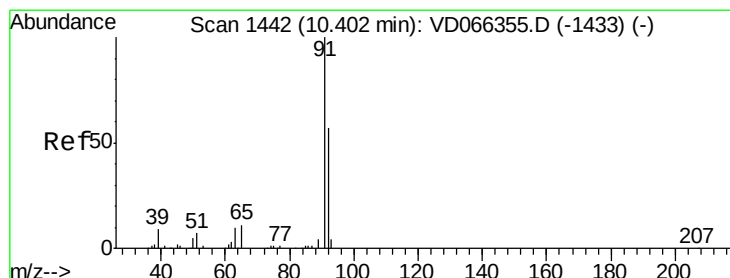
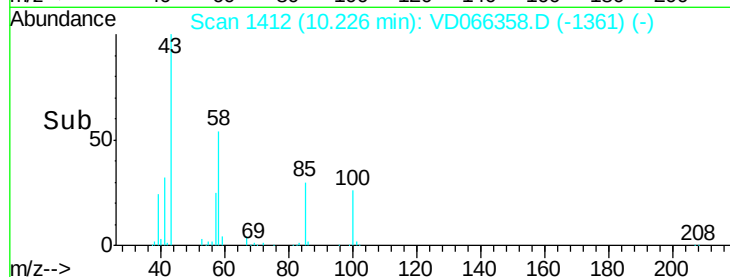
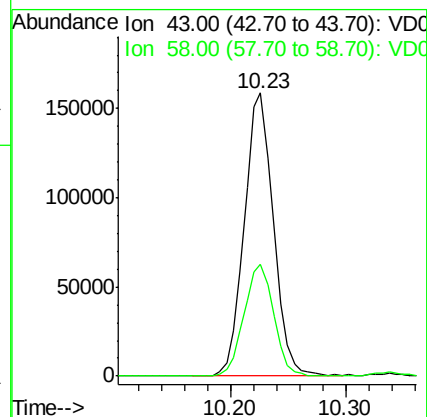
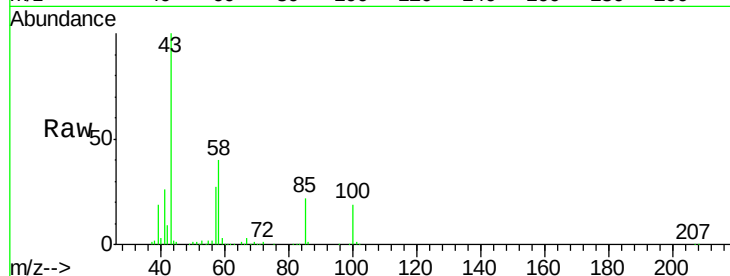
43 100

58 40.4 31.4 47.2

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#52

Toluene

Concen: 53.957 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066358.D

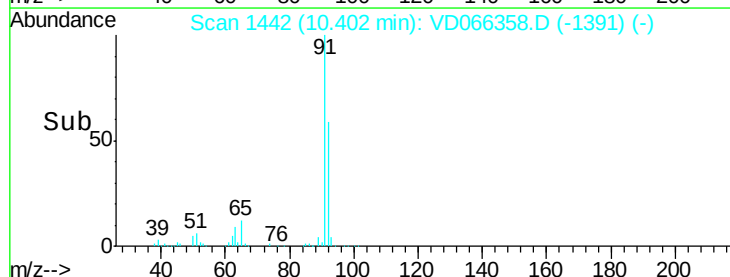
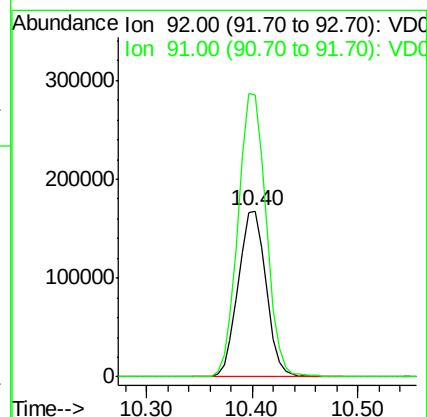
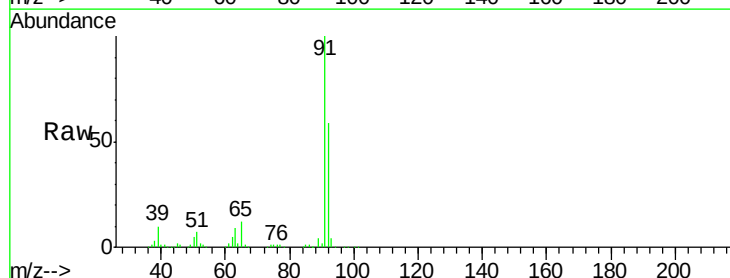
Acq: 21 Aug 2020 14:08

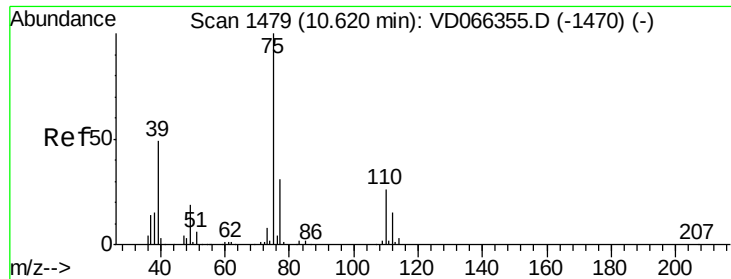
Tgt Ion: 92 Resp: 307771

Ion Ratio Lower Upper

92 100

91 171.7 135.8 203.6





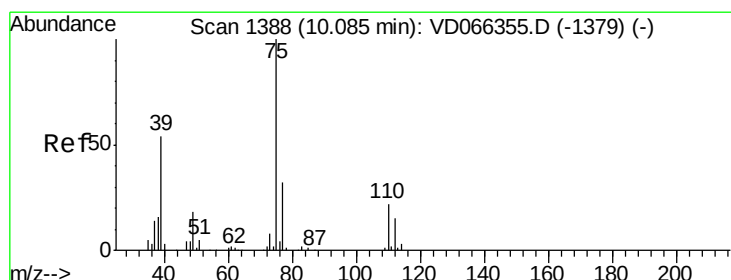
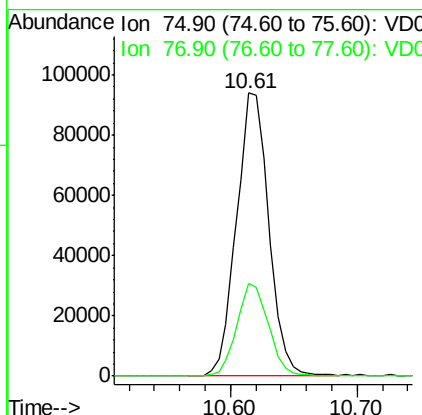
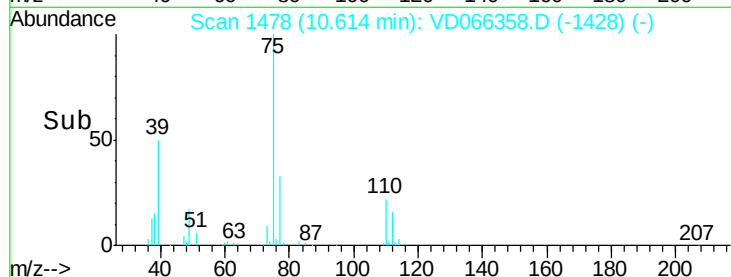
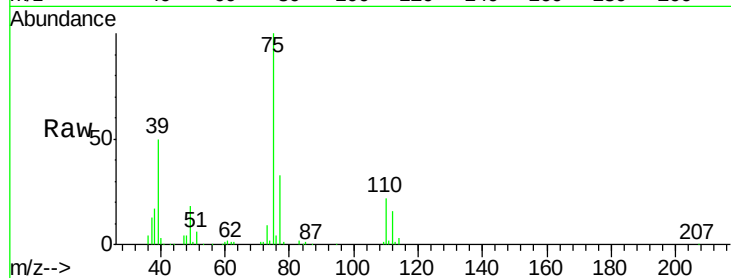
#53
 t-1,3-Dichloropropene
 Concen: 53.631 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion: 75 Resp: 166314
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.5 36.7

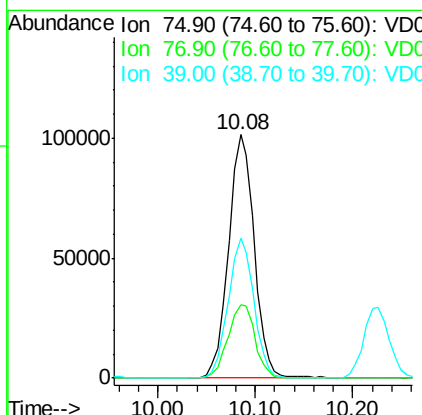
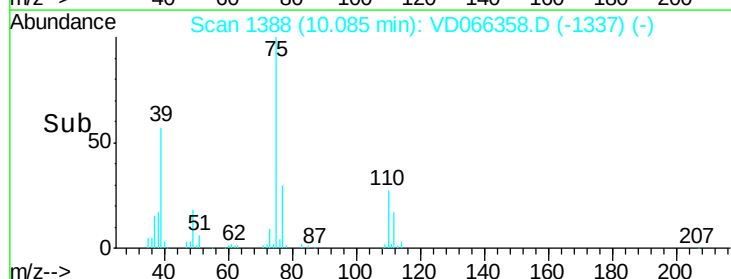
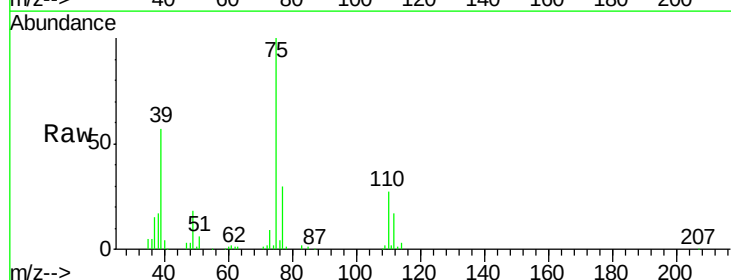
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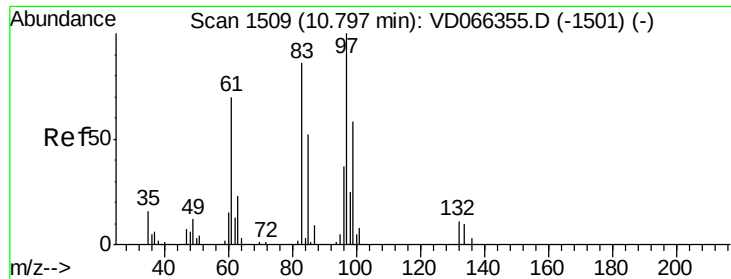
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#54
 cis-1,3-Dichloropropene
 Concen: 53.197 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 75 Resp: 185167
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4
 39 57.3 43.4 65.0





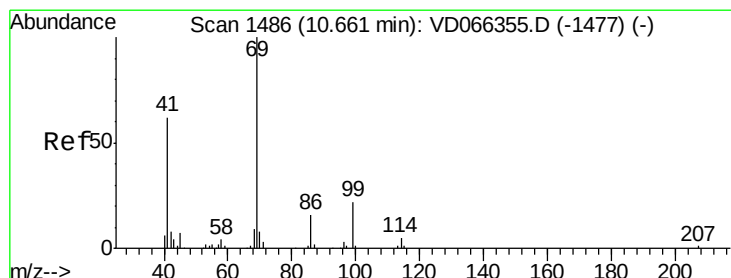
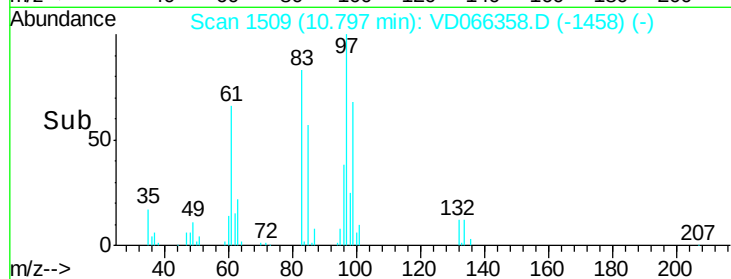
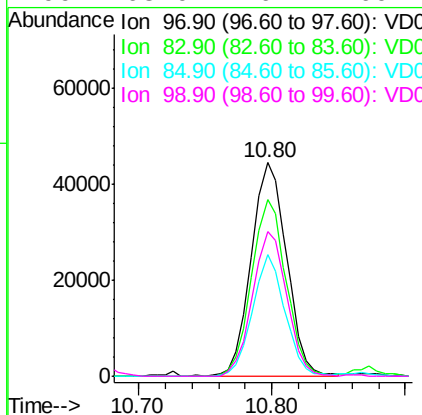
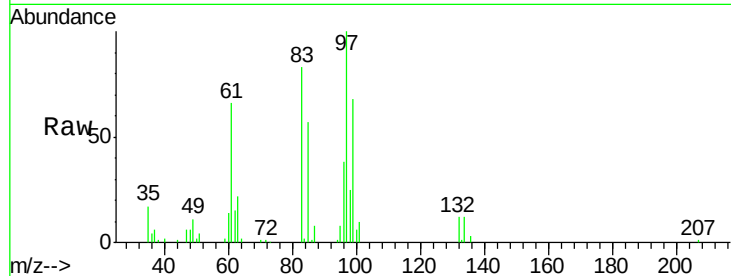
#55
 1,1,2-Trichloroethane
 Concen: 50.631 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion:	97	Resp:	81456
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.4	102.6
85	56.7	41.3	61.9
99	68.0	46.1	69.1

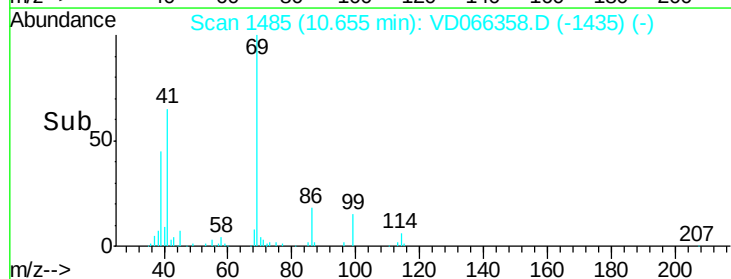
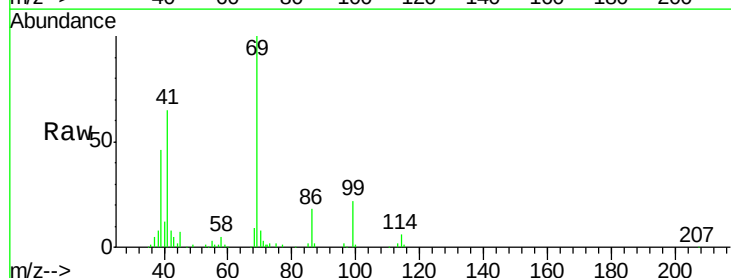
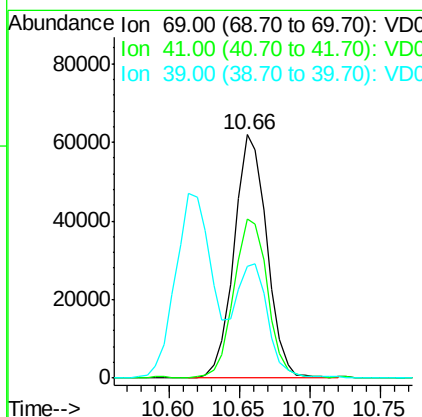
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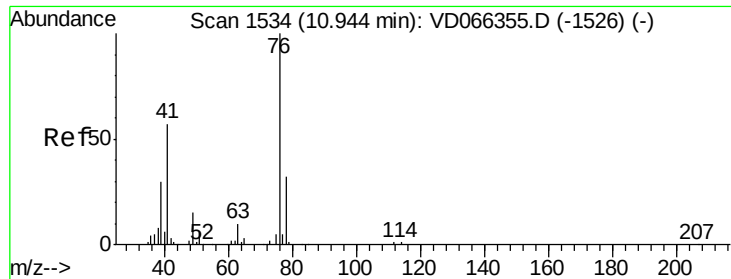
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#56
 Ethyl methacrylate
 Concen: 53.921 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion:	69	Resp:	100421
Ion	Ratio	Lower	Upper
69	100		
41	67.8	50.8	76.2
39	46.5	32.9	49.3





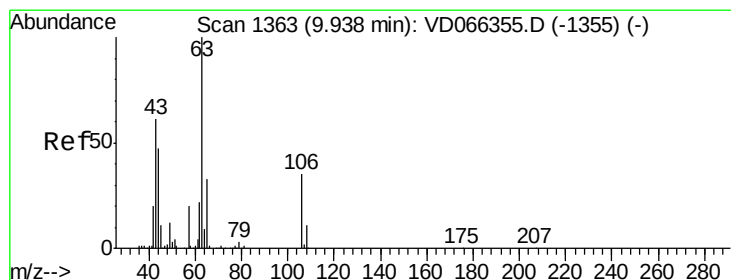
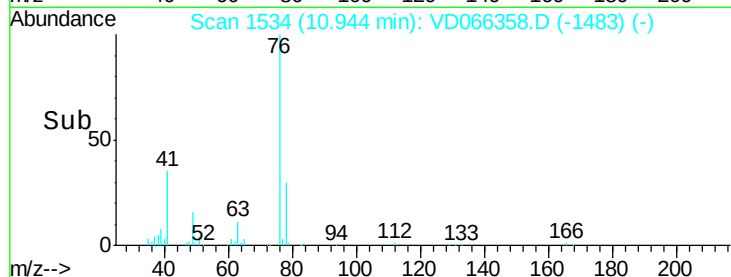
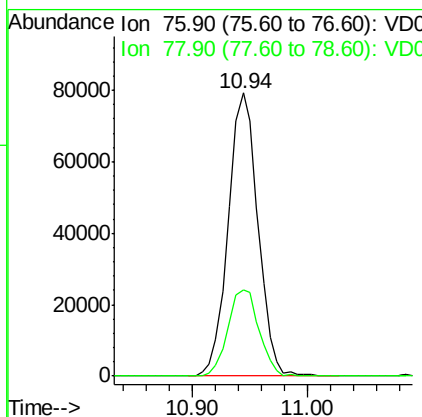
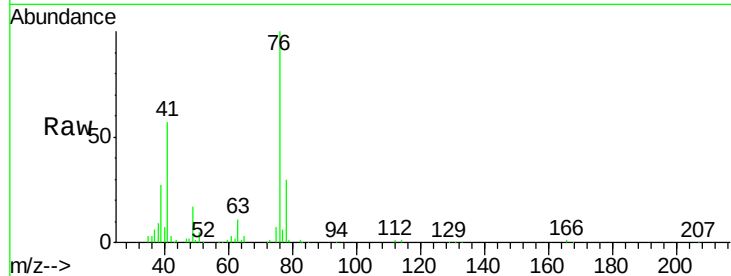
#57
 1,3-Dichloropropane
 Concen: 53.045 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion: 76 Resp: 141160
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

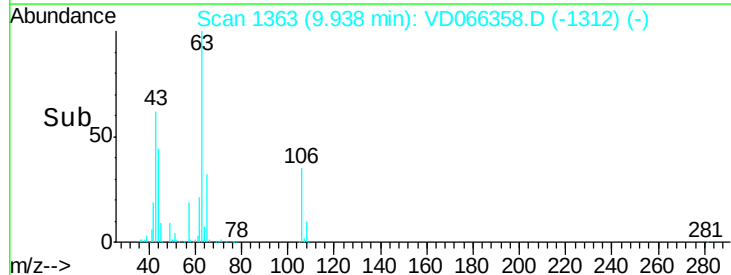
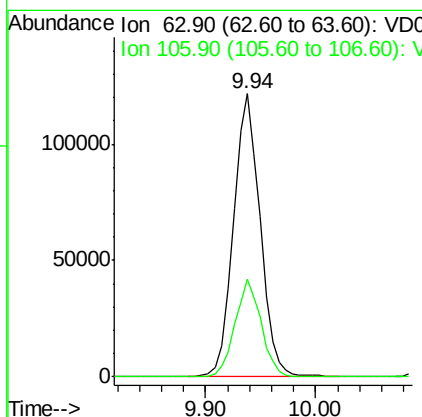
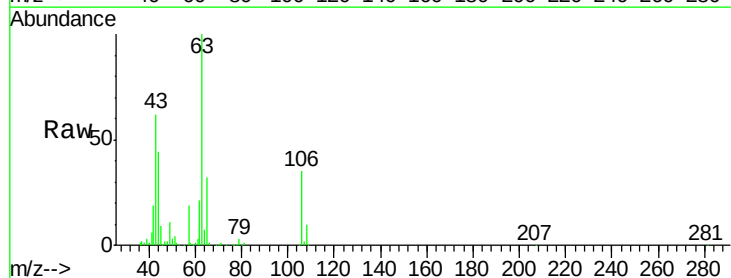
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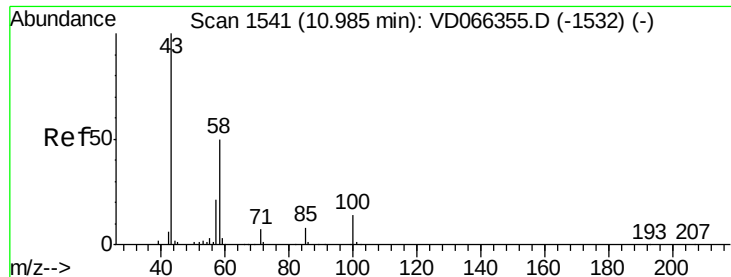
MMDadoda
 8/24/2020 4:37:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.440 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion: 63 Resp: 206865
 Ion Ratio Lower Upper
 63 100
 106 33.8 27.1 40.7





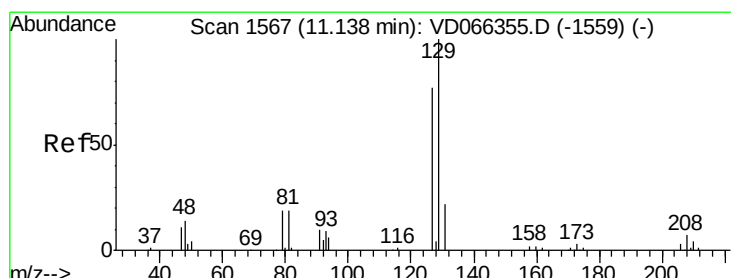
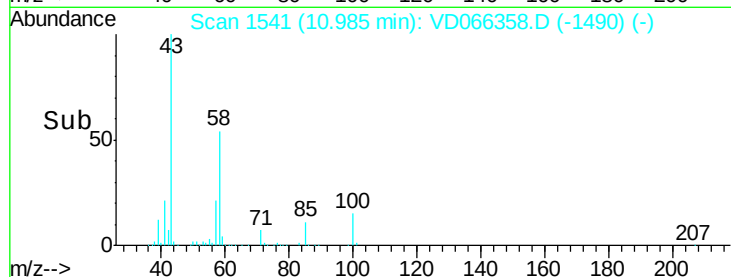
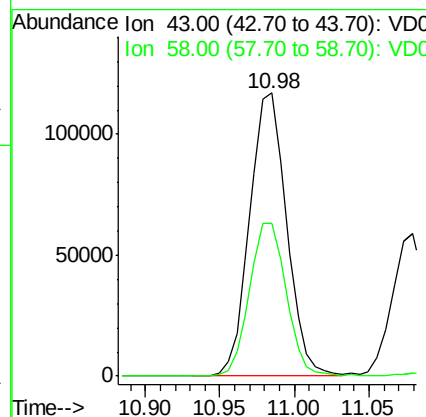
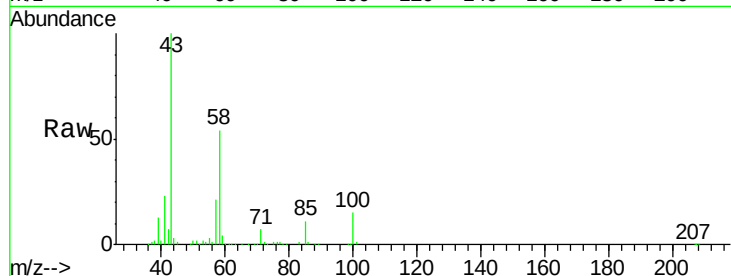
#59
2-Hexanone
Concen: 269.325 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	43	Resp	200784
Ion Ratio	43	100	
Lower	58	53.6	26.3
Upper			78.8

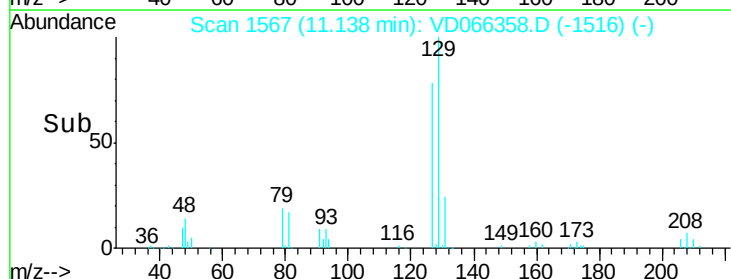
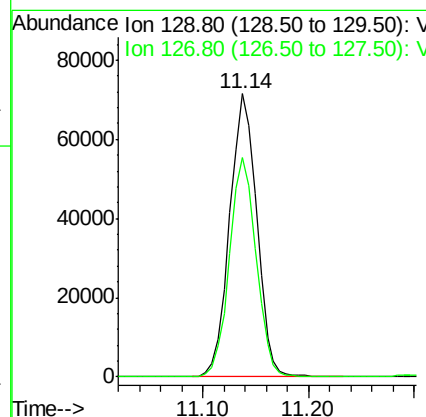
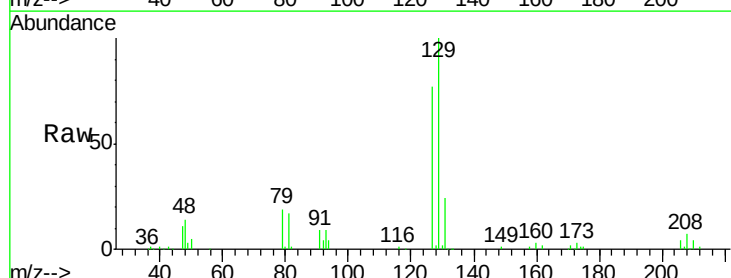
Manual Integrations
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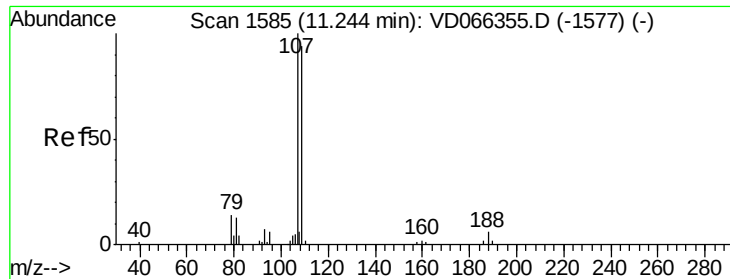
MMDadoda
8/24/2020 4:37:08 PM



#60
Dibromochloromethane
Concen: 52.357 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	129	Resp	126968
Ion Ratio	129	100	
Lower	127	76.3	39.0
Upper			117.0





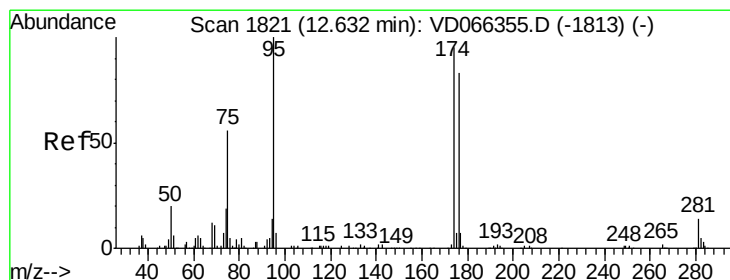
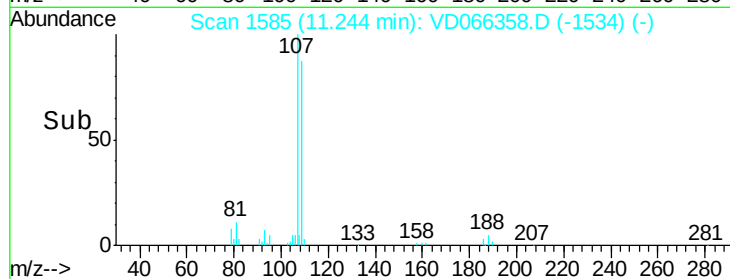
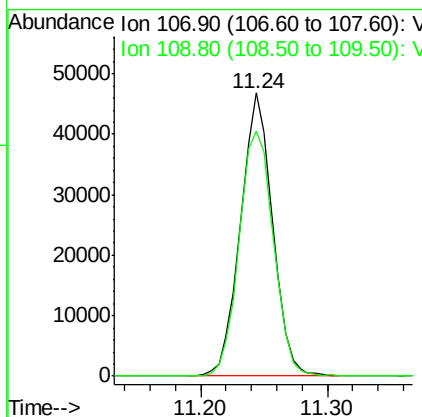
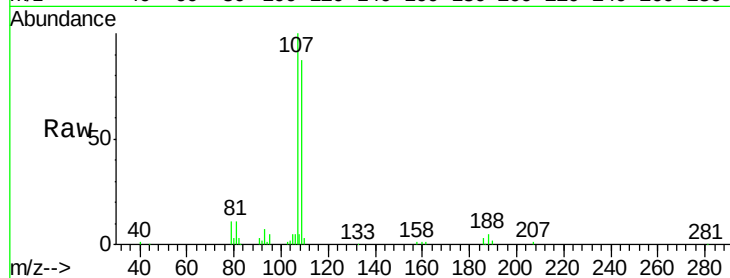
#61
 1,2-Dibromoethane
 Concen: 51.836 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	77.8	116.8

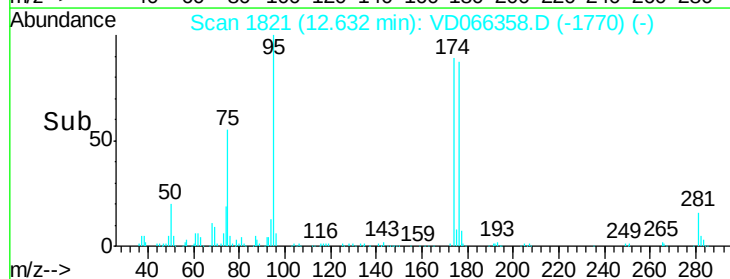
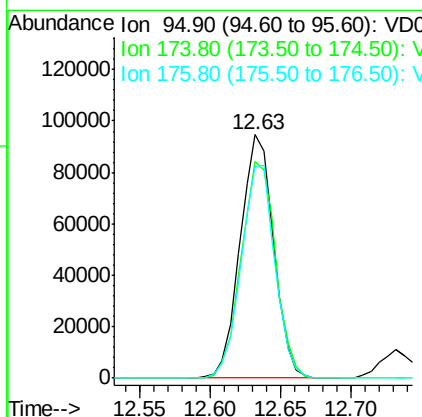
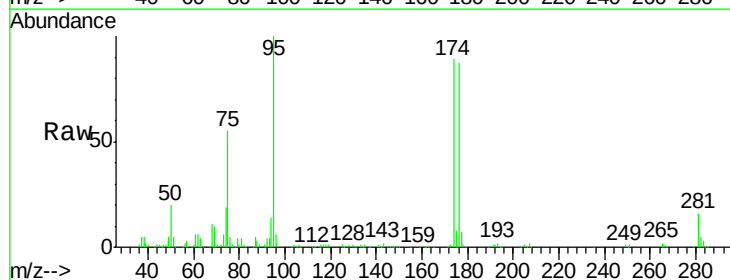
Manual Integrations
 APPROVED

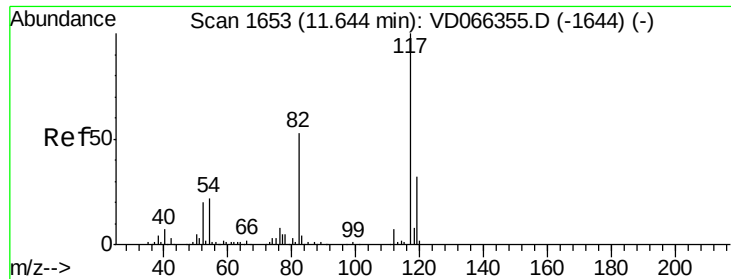
MMDadoda
 8/24/2020 4:37:08 PM



#62
 4-Bromofluorobenzene
 Concen: 55.073 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	183.4
176	88.4	0.0	173.8





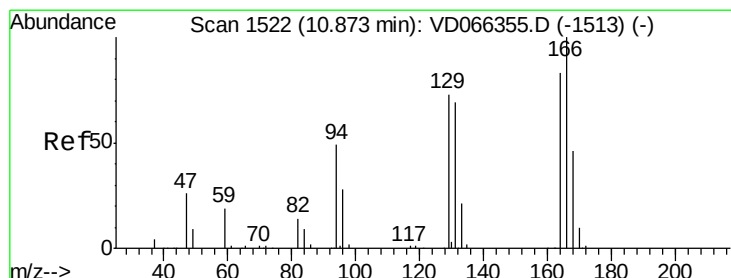
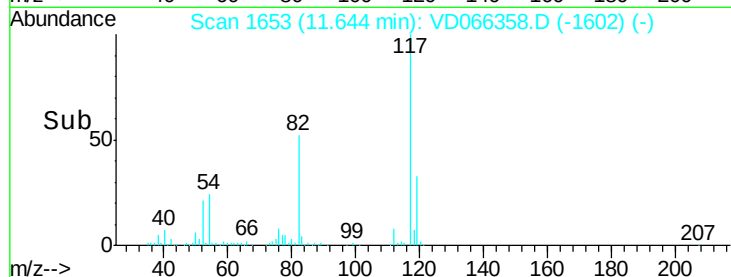
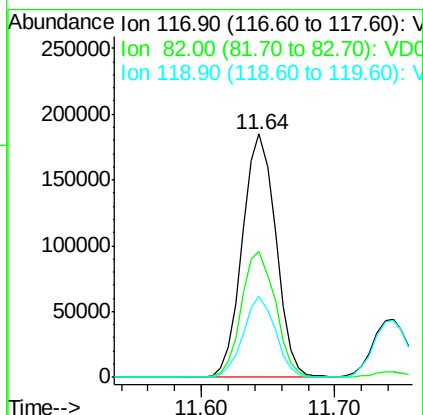
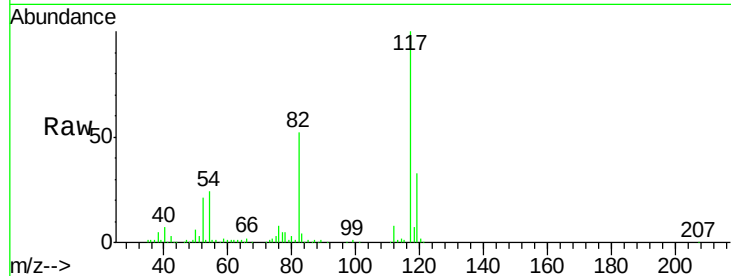
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
117	100	320759		
82	51.9		42.8	64.2
119	33.5		25.8	38.8

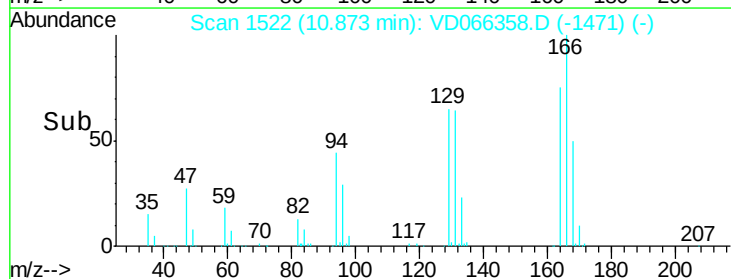
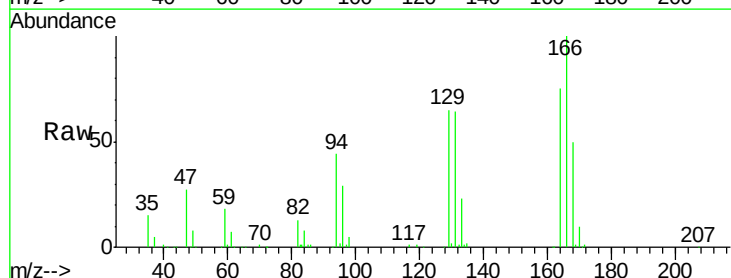
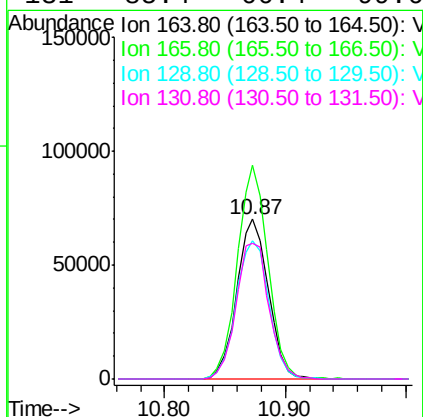
Manual Integrations
APPROVED

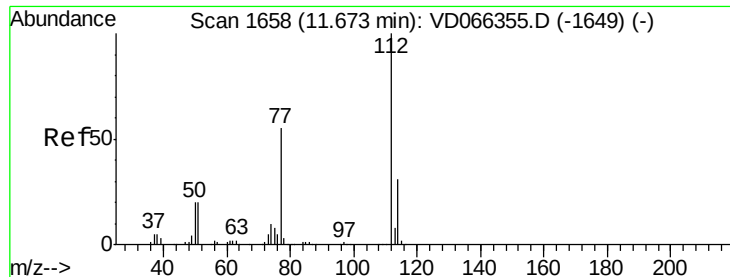
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#64
Tetrachloroethene
Concen: 52.634 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128071		
166	133.8		96.2	144.4
129	86.7		70.3	105.5
131	85.4		66.4	99.6





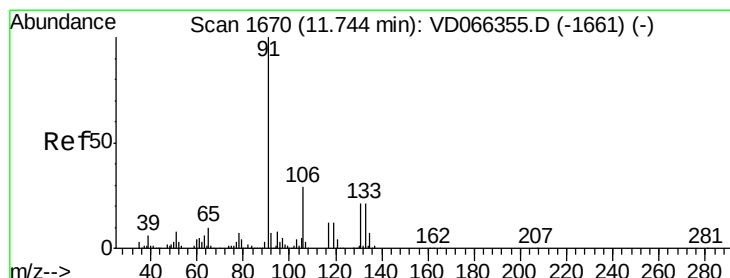
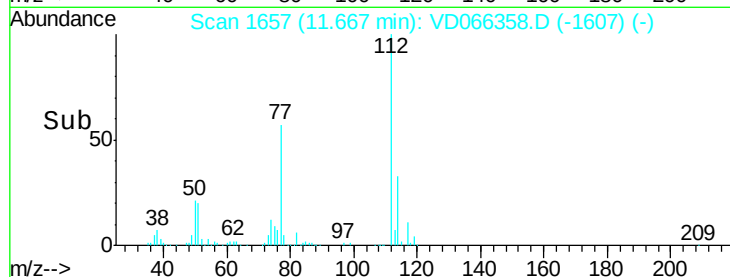
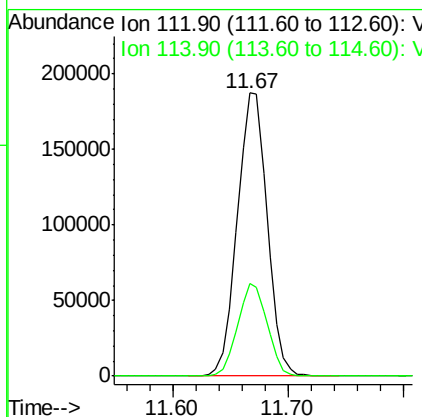
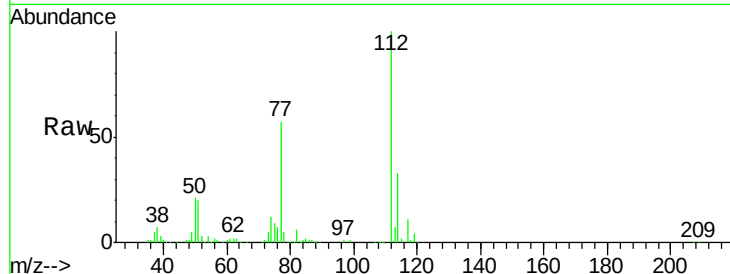
#65
Chlorobenzene
Concen: 52.684 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.1	37.7

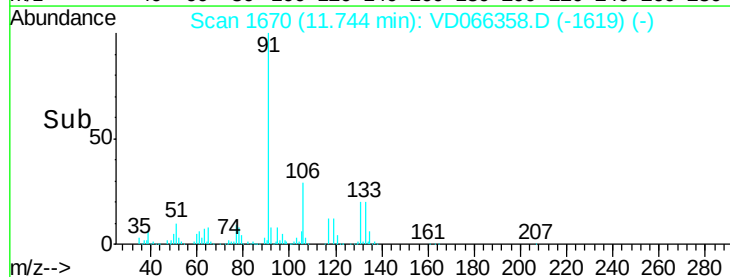
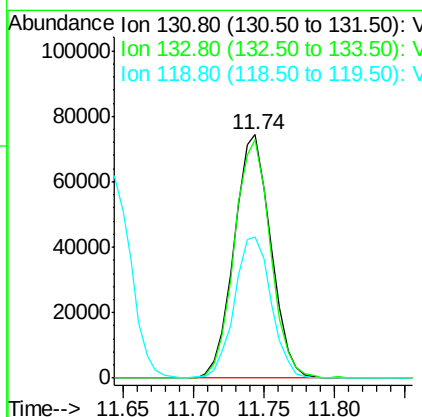
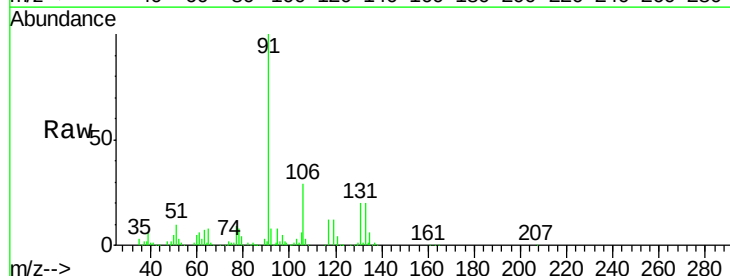
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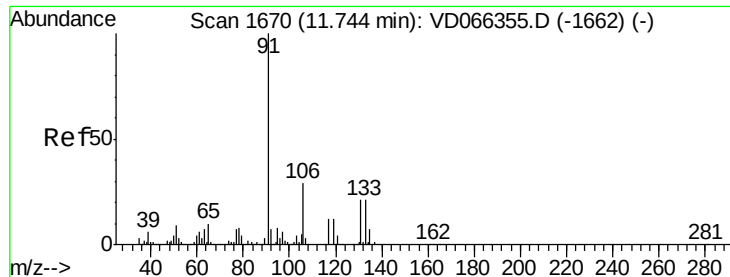
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.827 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.6	145.9
119	58.1	29.0	87.1





#67

Ethyl Benzene

Concen: 54.304 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 91 Resp: 610001

Ion Ratio Lower Upper

91 100

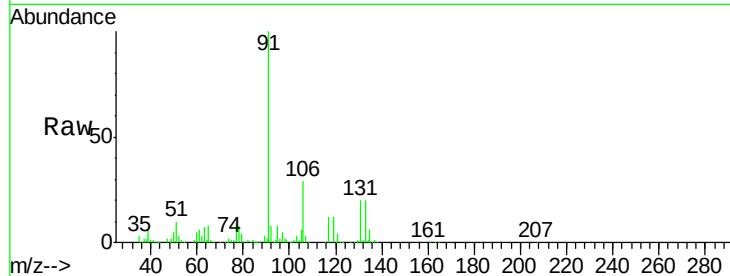
106 29.4 23.4 35.2

Manual Integrations

APPROVED

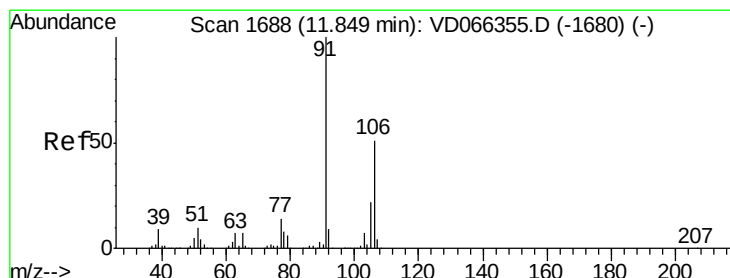
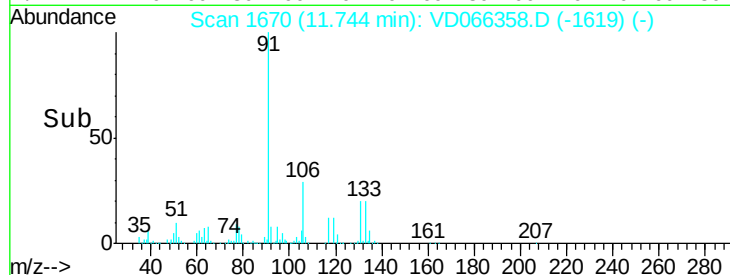
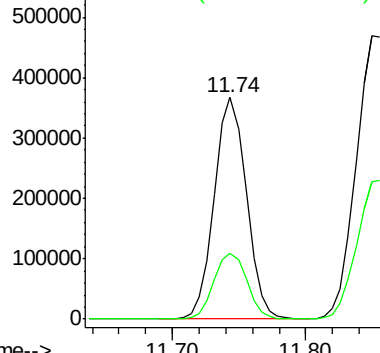
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VD0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.594 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066358.D

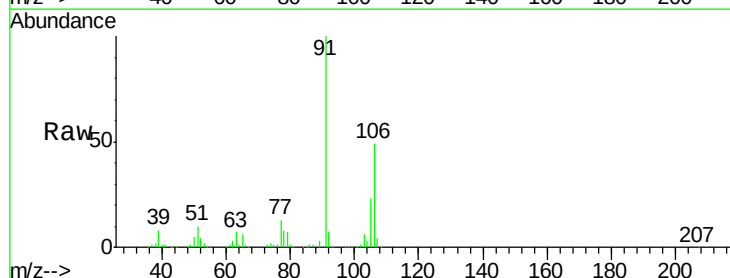
Acq: 21 Aug 2020 14:08

Tgt Ion: 106 Resp: 456389

Ion Ratio Lower Upper

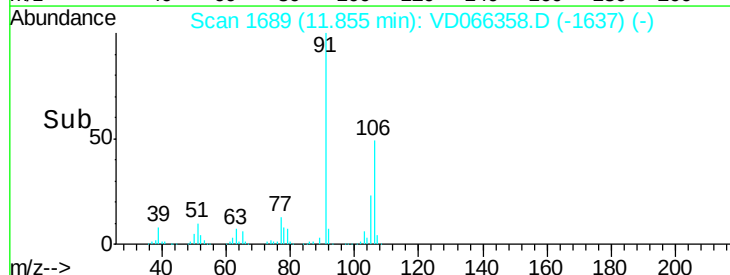
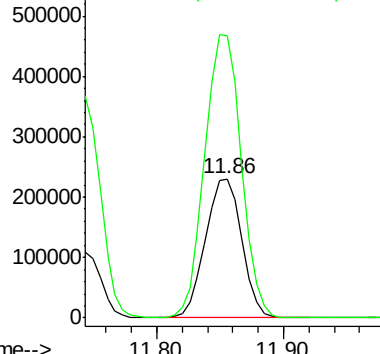
106 100

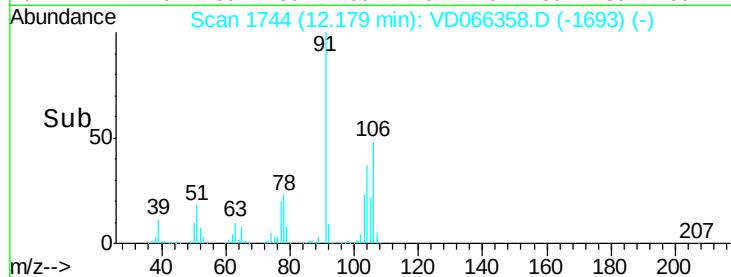
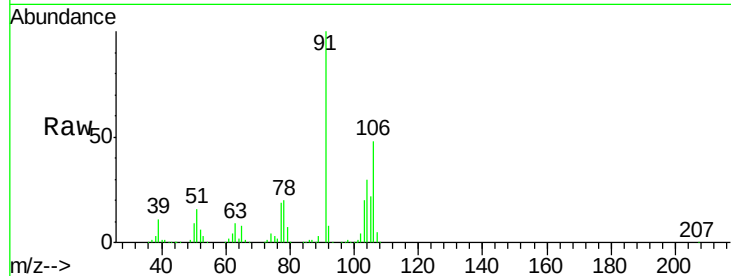
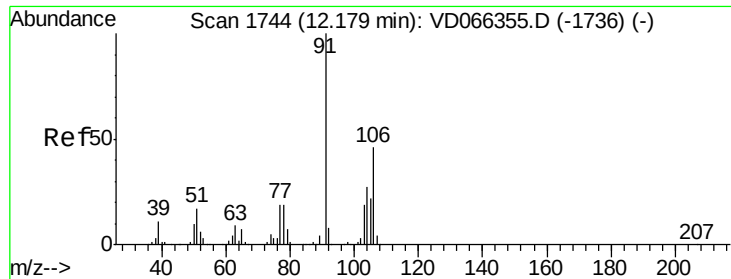
91 205.8 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VD0





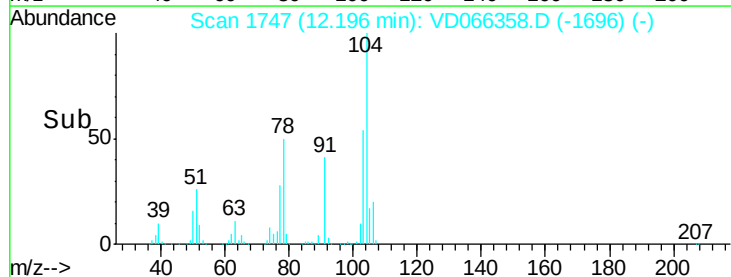
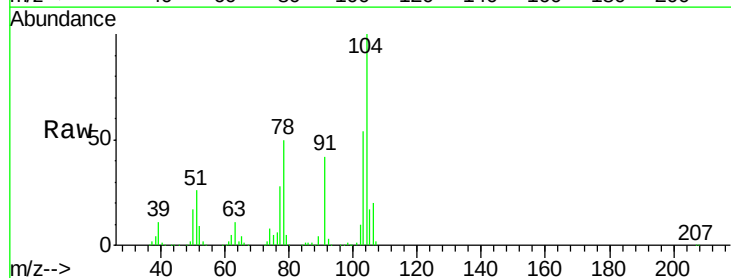
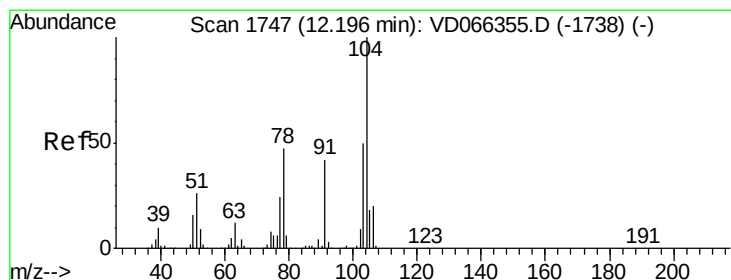
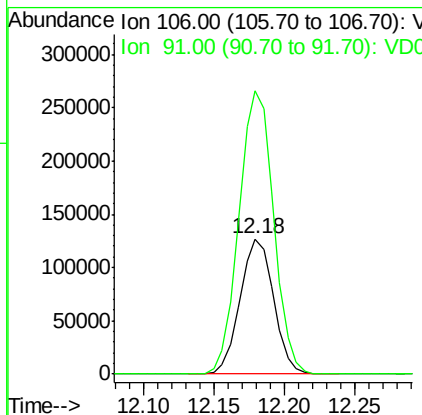
#69
o-Xylene
Concen: 52.879 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
210621	106	100			
	91	216.9	109.1	327.3	

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

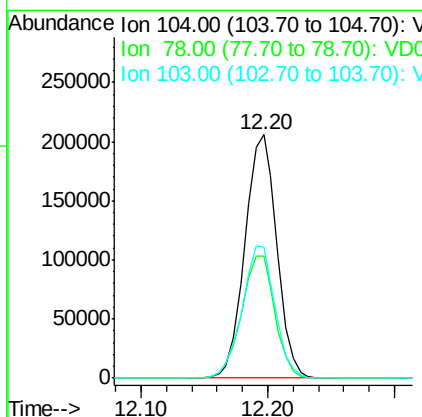
Manual Integrations
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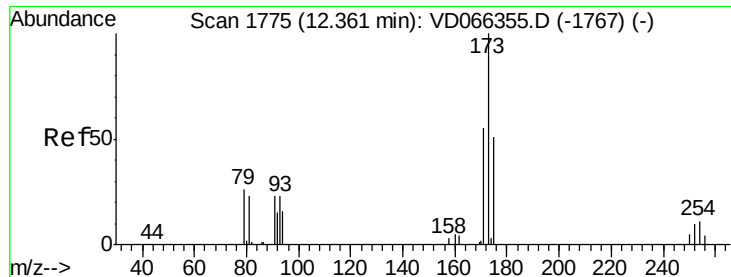
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#70
Styrene
Concen: 52.404 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
358398	104	100			
	78	52.6	41.7	62.5	
	103	56.1	43.5	65.3	





#71

Bromoform

Concen: 50.627 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion:173 Resp: 74907

Ion Ratio Lower Upper

173 100

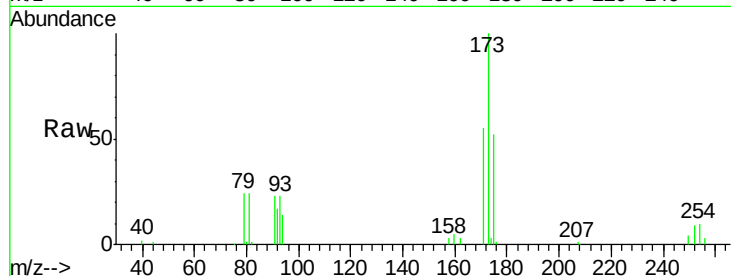
175 49.2 24.8 74.3

254 0.0 0.0 0.0

Manual Integrations
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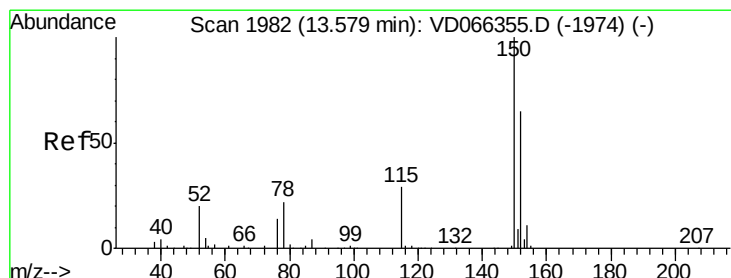
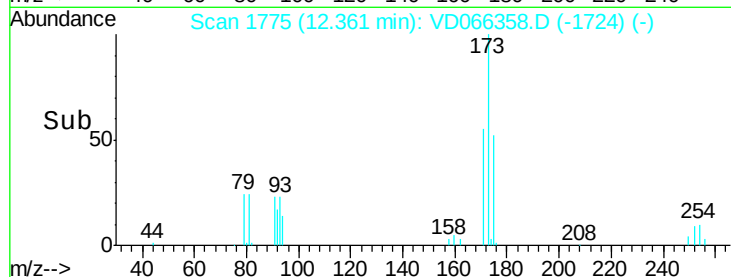
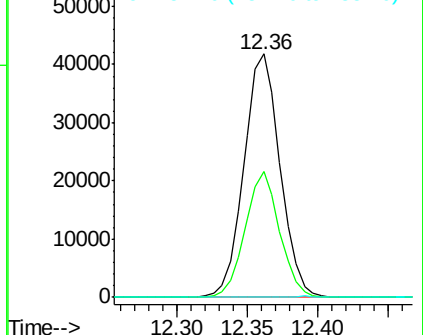
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD066358.D

Acq: 21 Aug 2020 14:08

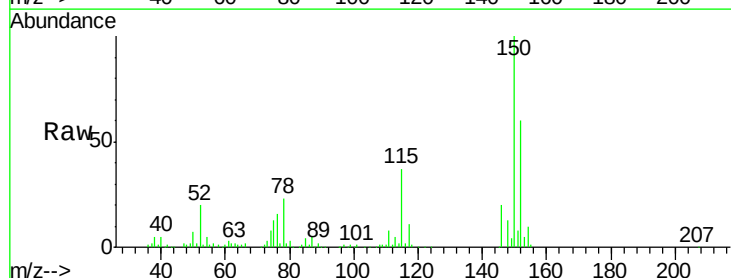
Tgt Ion:152 Resp: 167899

Ion Ratio Lower Upper

152 100

115 57.8 28.3 85.0

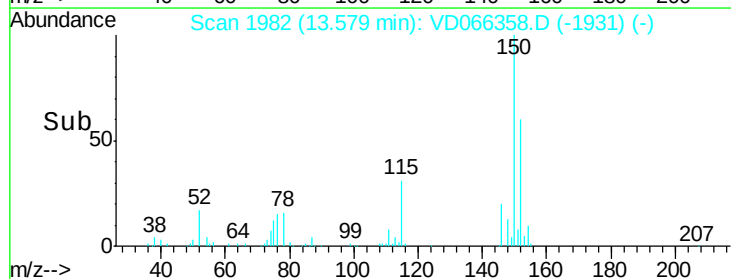
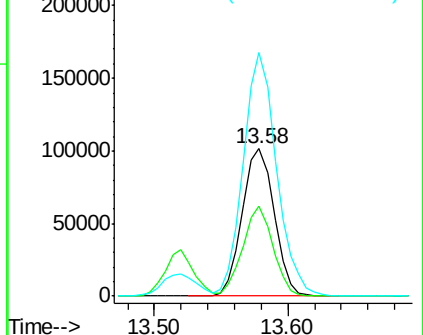
150 171.9 0.0 343.2

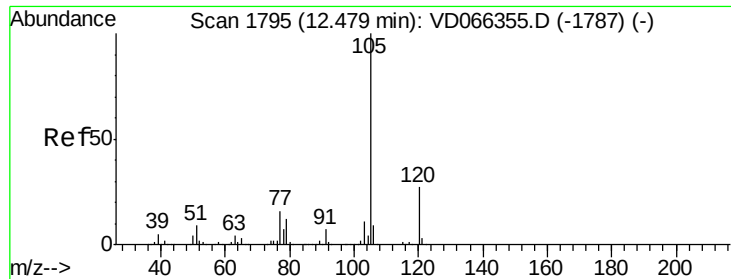


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.199 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion:105 Resp: 609600

Ion Ratio Lower Upper

105 100

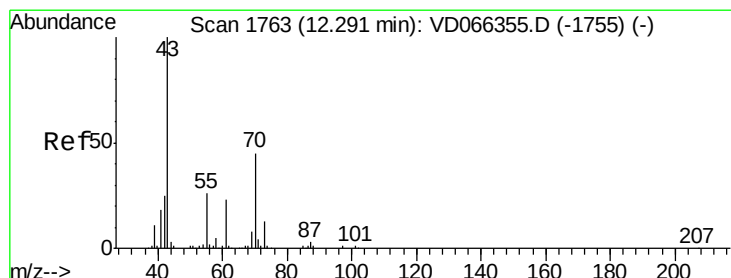
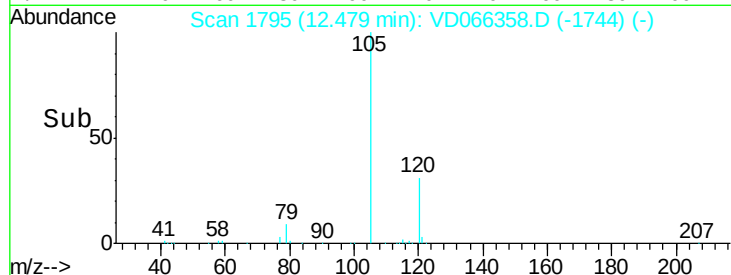
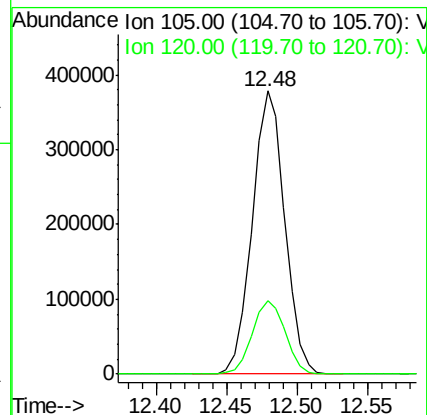
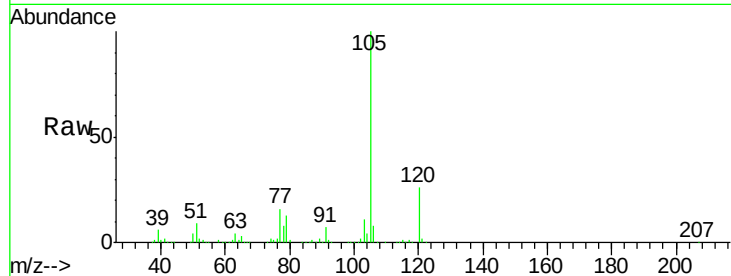
120 26.5 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.915 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion: 43 Resp: 105461

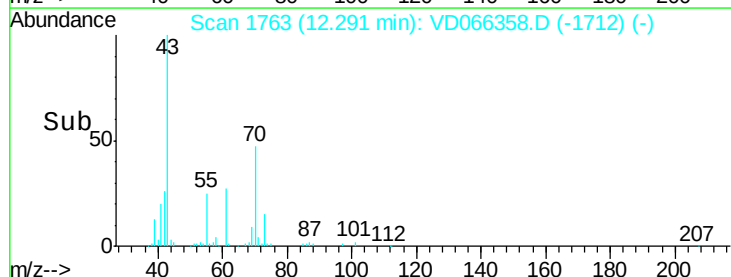
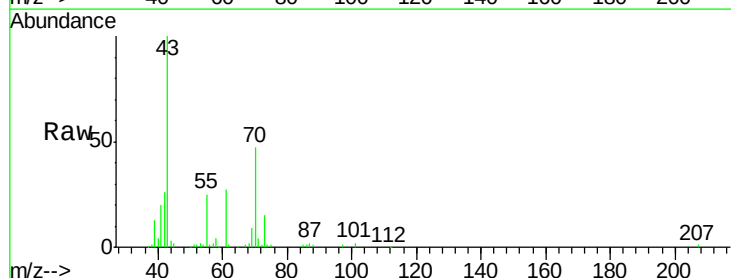
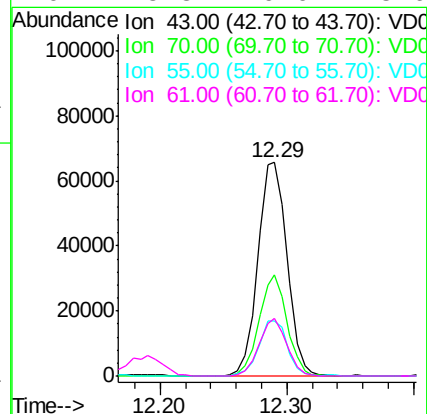
Ion Ratio Lower Upper

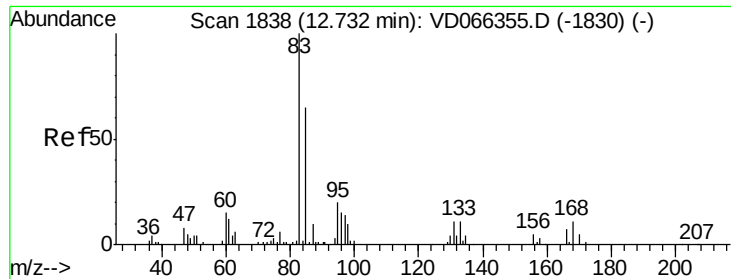
43 100

70 45.1 34.8 52.2

55 25.5 20.3 30.5

61 25.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.797 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

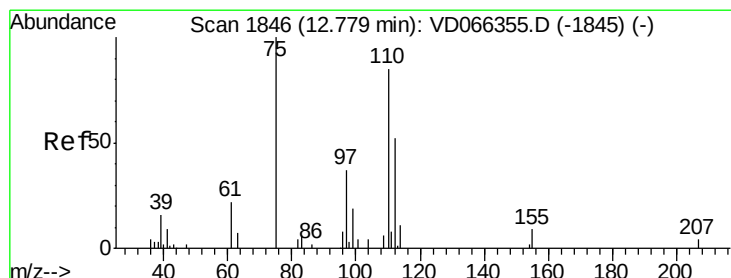
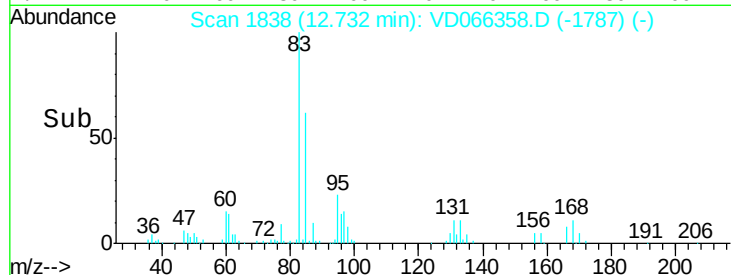
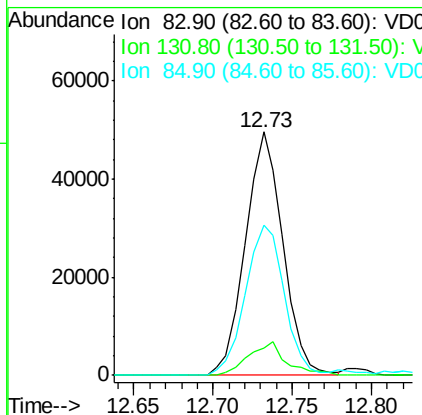
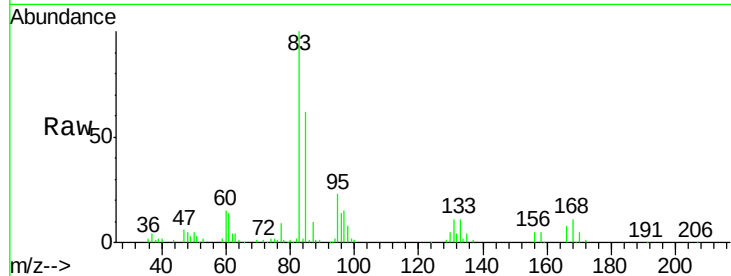
ClientSampleId :

ICVVD082120

Tot Ion:	83	Resp:	81617
Ion Ratio	Lower	Upper	
83	100		
131	13.7	7.0	20.9
85	63.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.595 ug/l m

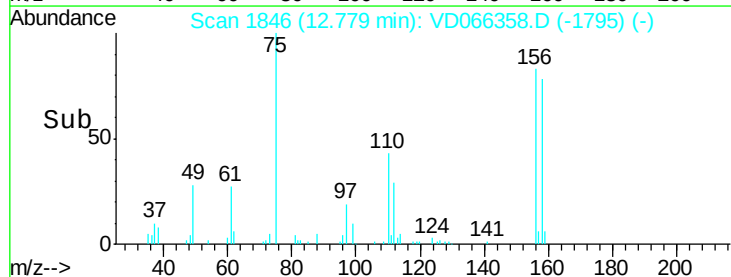
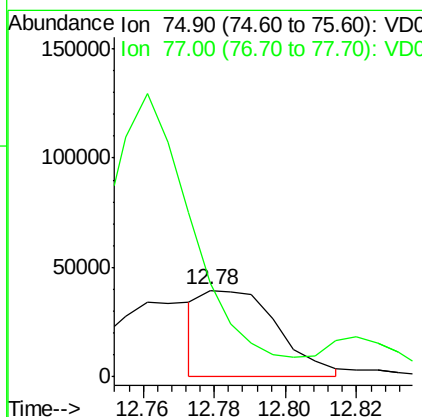
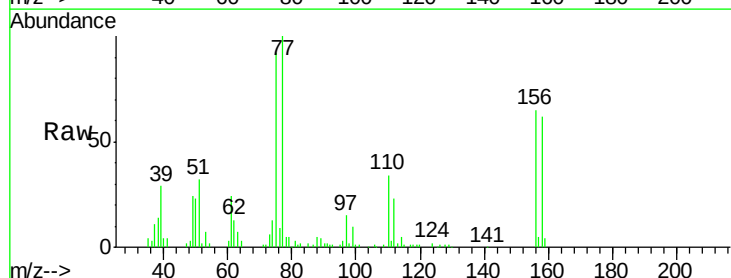
RT: 12.78 min Scan# 1846

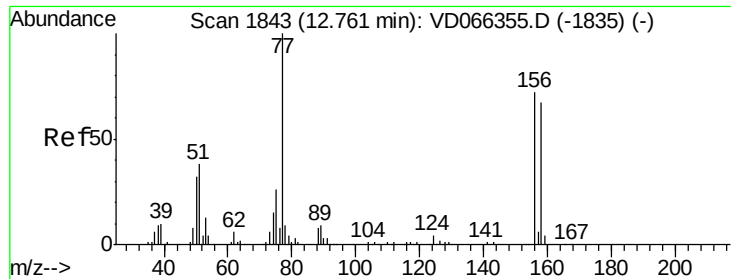
Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	75	Resp:	58580
Ion Ratio	Lower	Upper	
75	100		
77	392.4	182.9	548.9





#77

Bromobenzene

Concen: 52.303 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

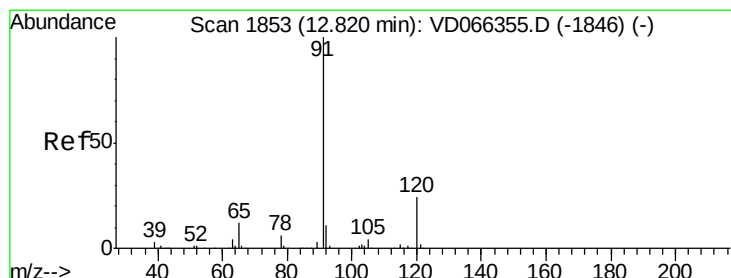
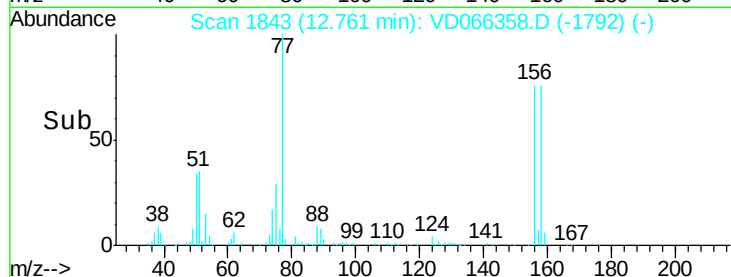
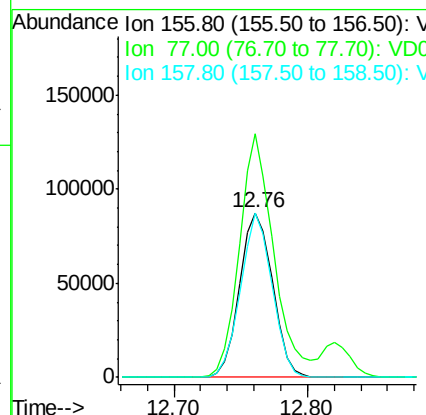
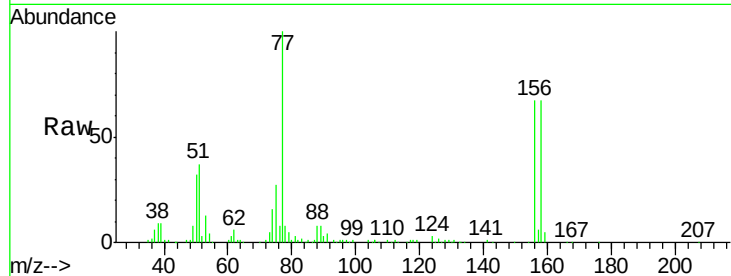
ClientSampleId :

ICVVD082120

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.9	76.1	228.3
158	95.7	47.6	142.9

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#78

n-propylbenzene

Concen: 53.046 ug/l

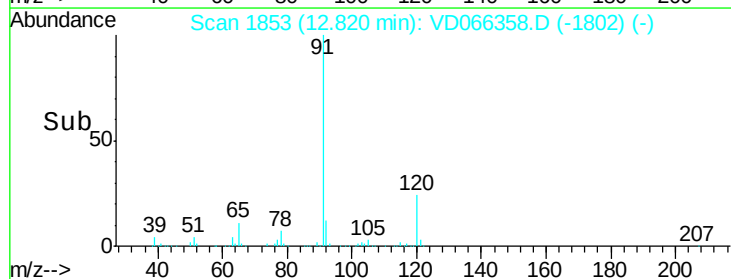
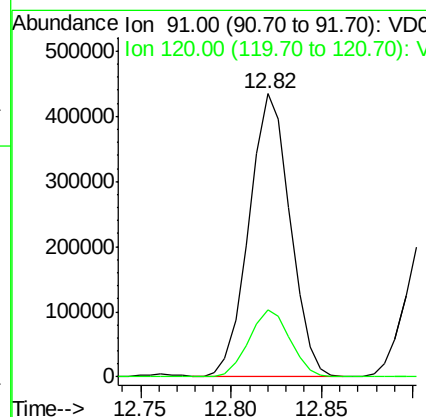
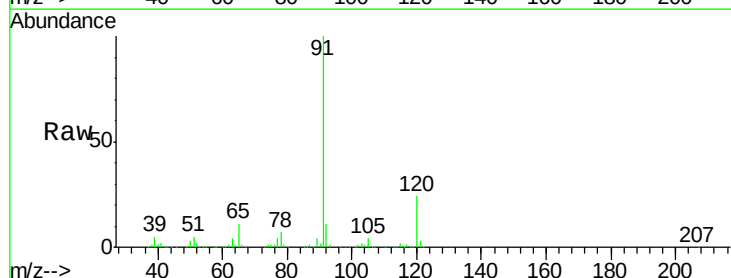
RT: 12.82 min Scan# 1853

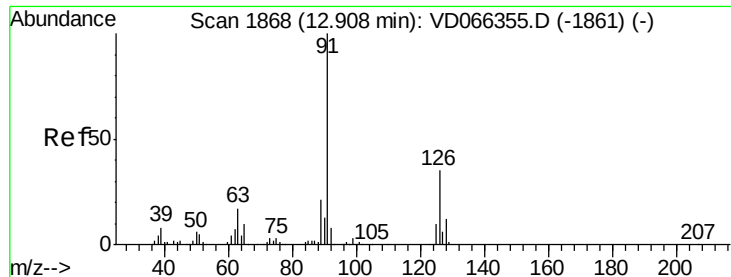
Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.482 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion: 91 Resp: 393924

Ion Ratio Lower Upper

91 100

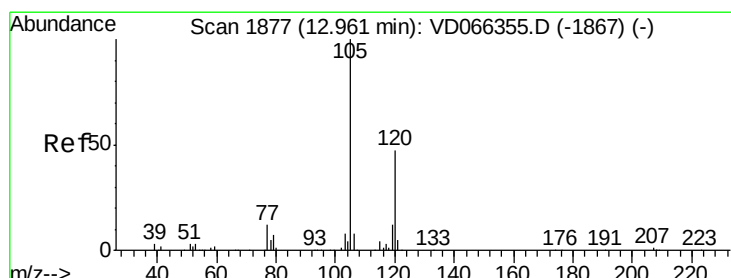
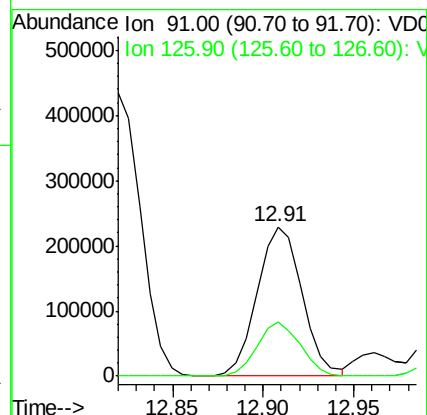
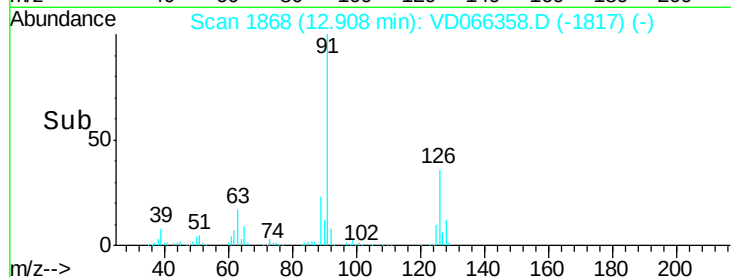
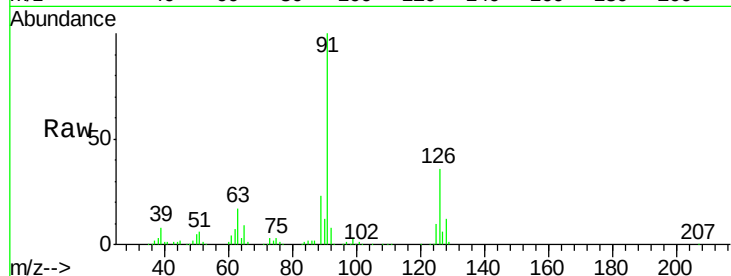
126 34.9 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.857 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066358.D

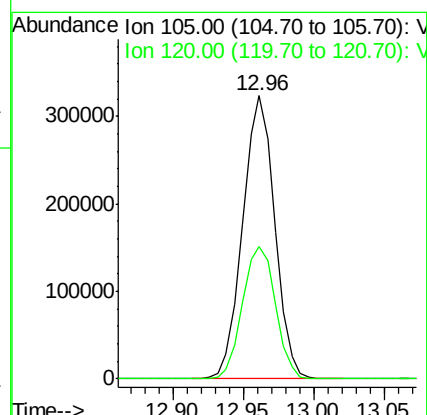
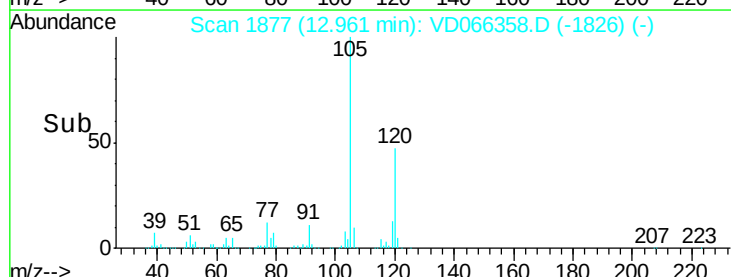
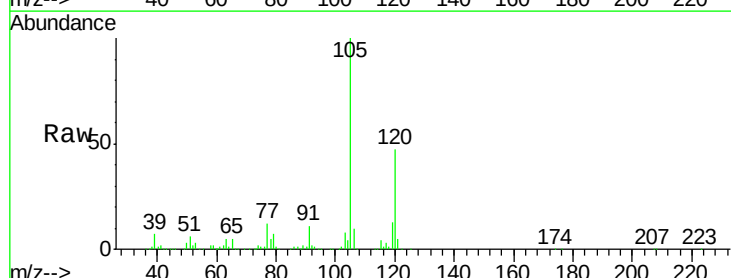
Acq: 21 Aug 2020 14:08

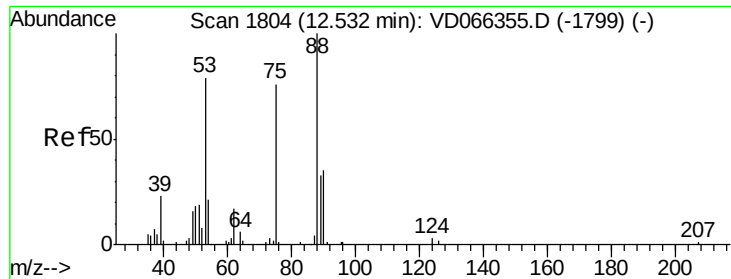
Tgt Ion: 105 Resp: 513306

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.357 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

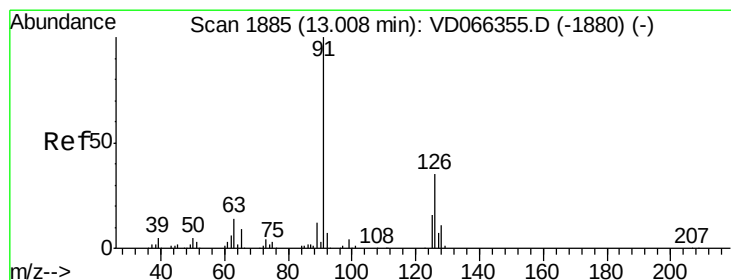
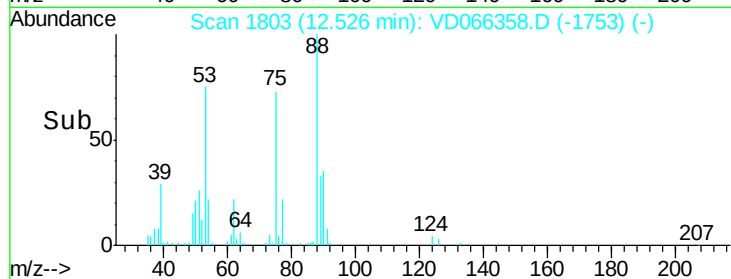
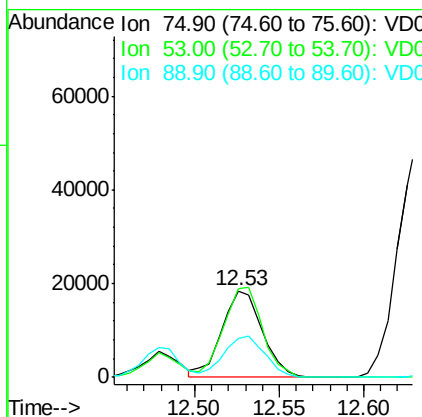
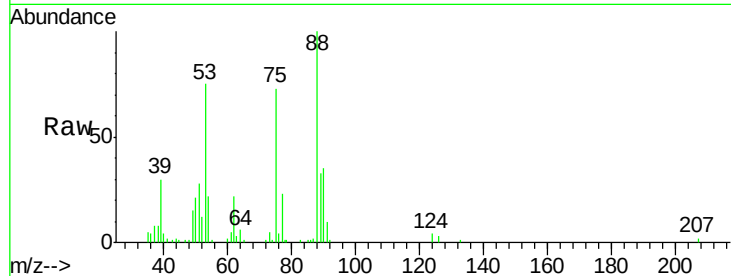
ClientSampleId :

ICVVD082120

Tot Ion:	75	Resp:	30804
Ion	Ratio	Lower	Upper
75	100		
53	99.9	87.4	131.2
89	48.4	39.4	59.0

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#82

4-Chlorotoluene

Concen: 52.508 ug/l

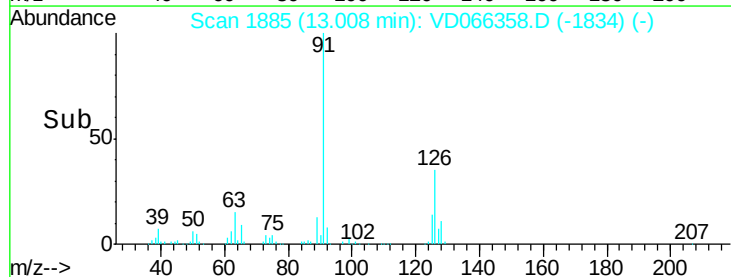
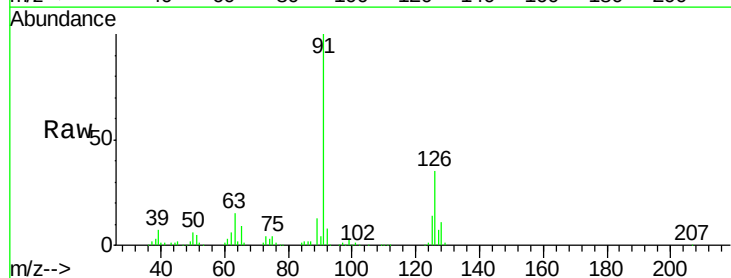
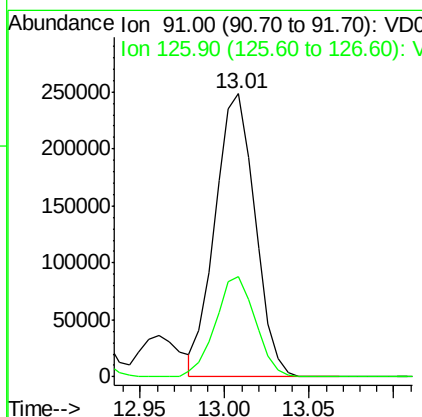
RT: 13.01 min Scan# 1885

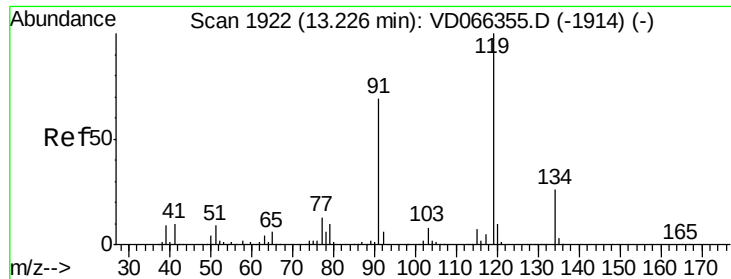
Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Tgt Ion:	91	Resp:	409751
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.2





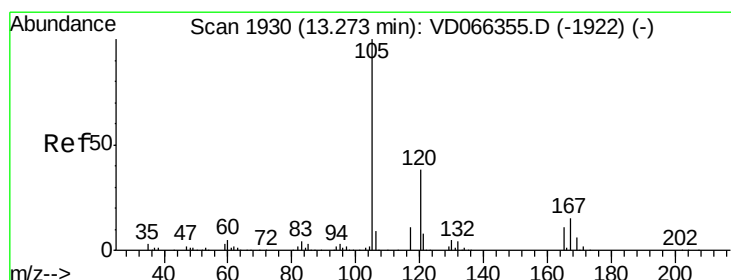
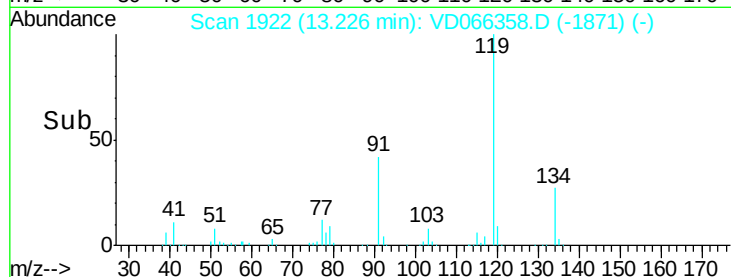
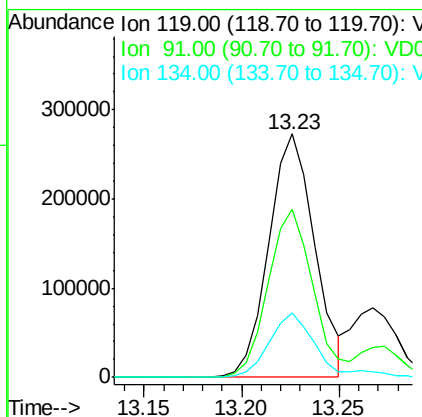
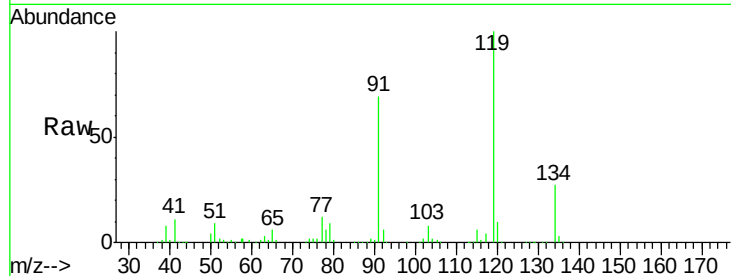
#83
tert-Butylbenzene
Concen: 52.669 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.5	100.5
134	25.5	13.5	40.4

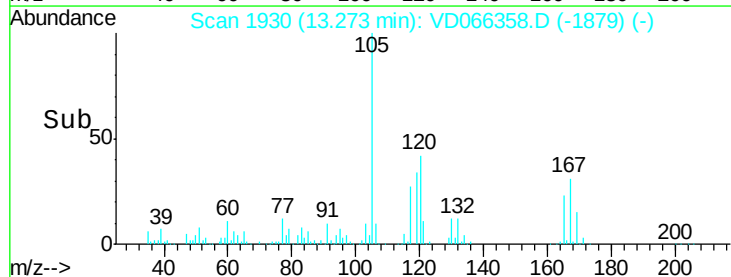
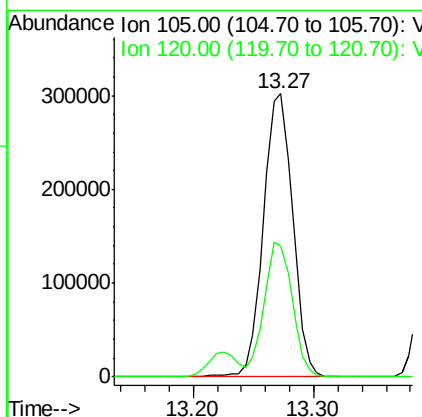
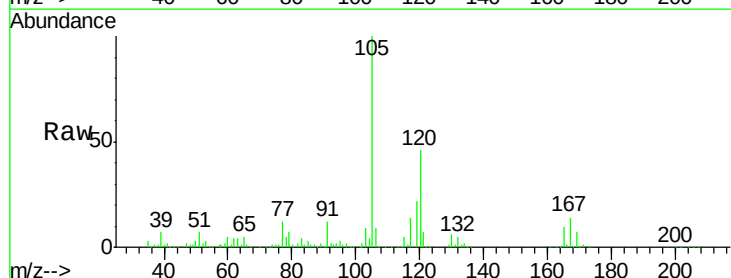
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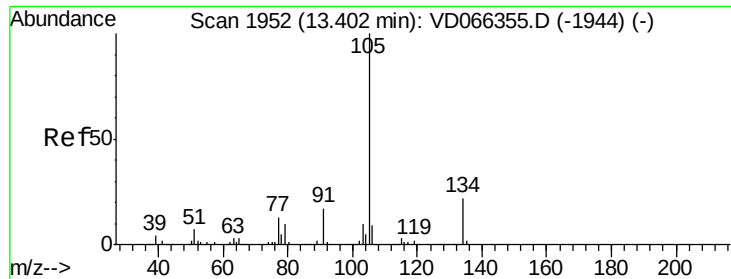
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#84
1,2,4-Trimethylbenzene
Concen: 53.182 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 54.069 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082120

Tot Ion:105 Resp: 597550

Ion Ratio Lower Upper

105 100

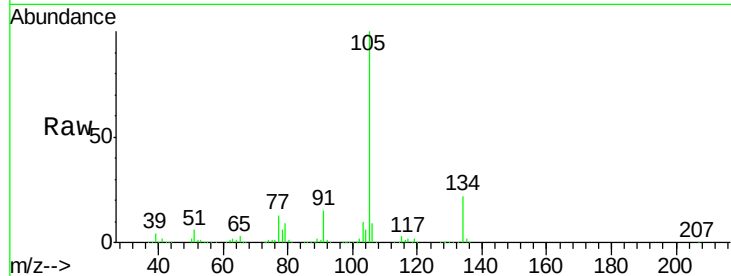
134 21.6 10.8 32.4

Manual Integrations

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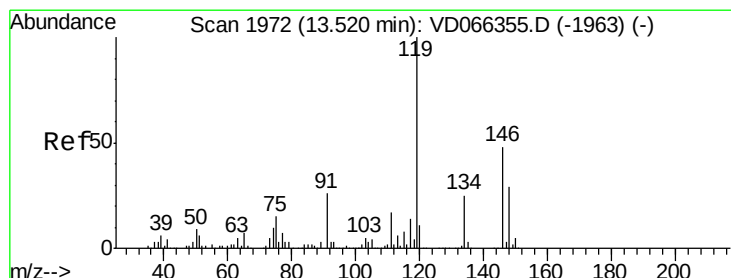
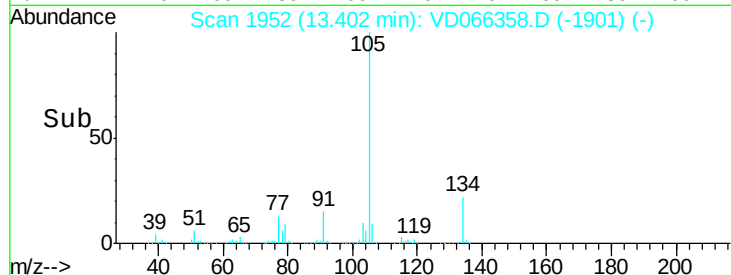
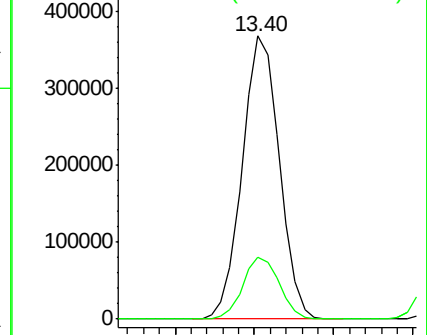
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.955 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066358.D

Acq: 21 Aug 2020 14:08

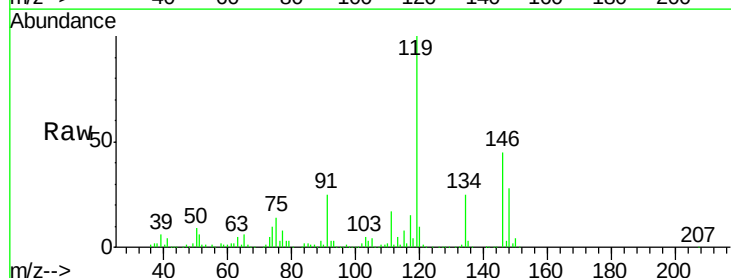
Tgt Ion:119 Resp: 574964

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

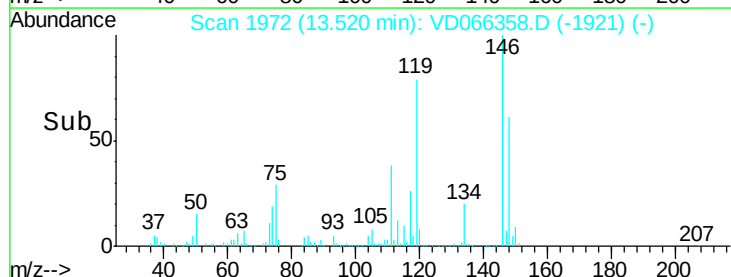
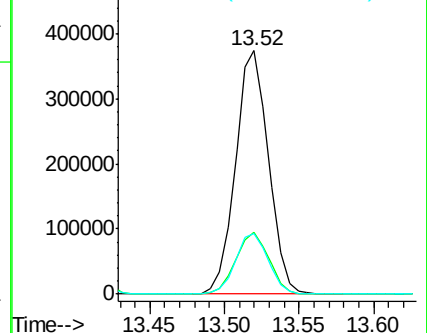
91 24.9 12.7 38.0

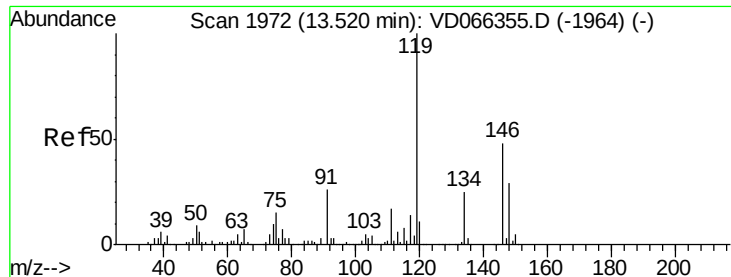


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





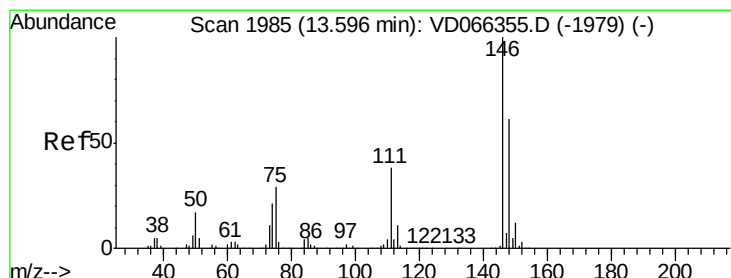
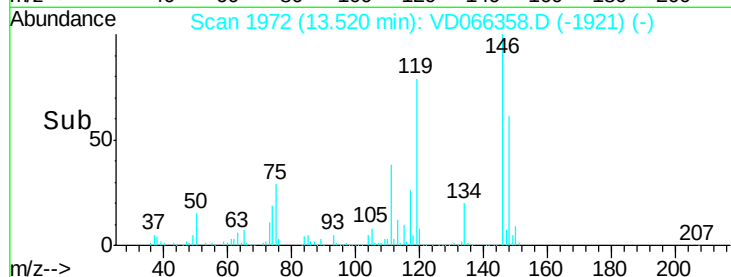
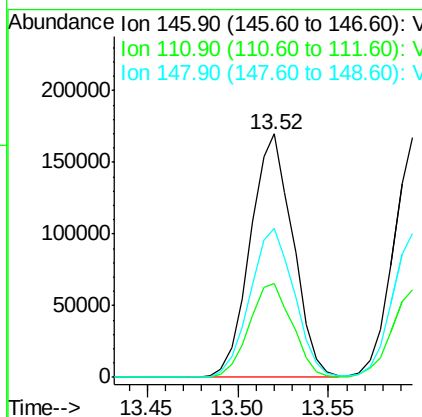
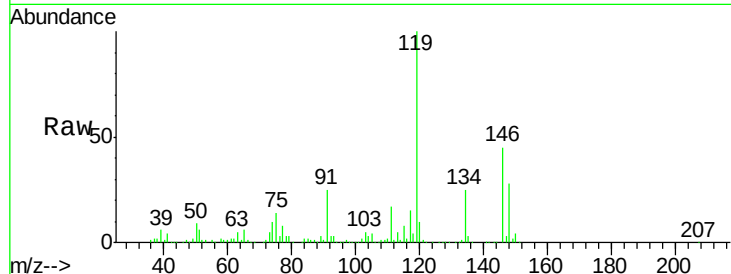
#87
 1,3-Dichlorobenzene
 Concen: 52.054 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277390		
111	39.1	18.9	56.9	
148	63.4	31.8	95.3	

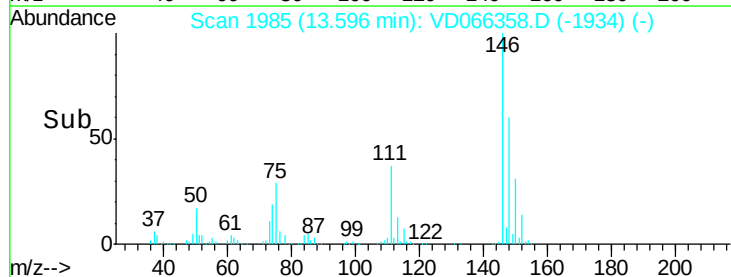
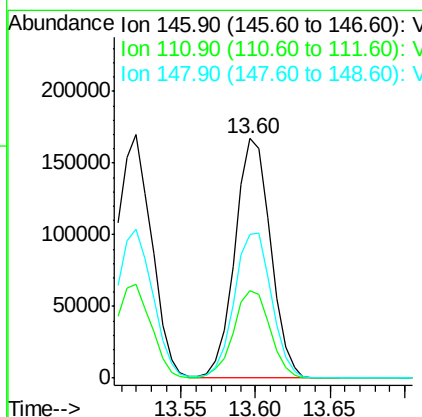
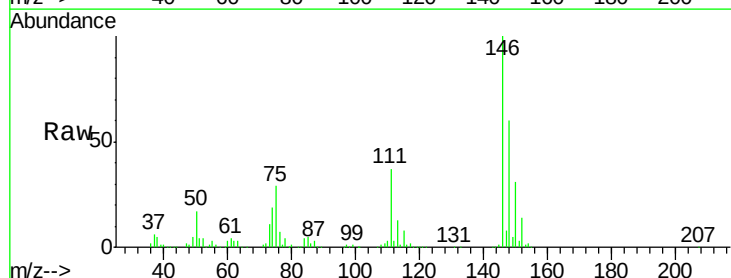
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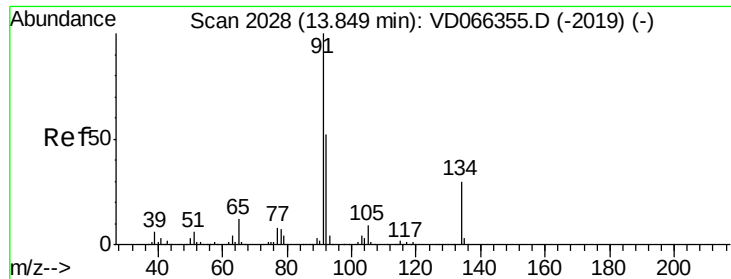
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#88
 1,4-Dichlorobenzene
 Concen: 51.956 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277992		
111	37.6	19.1	57.5	
148	63.3	32.1	96.3	





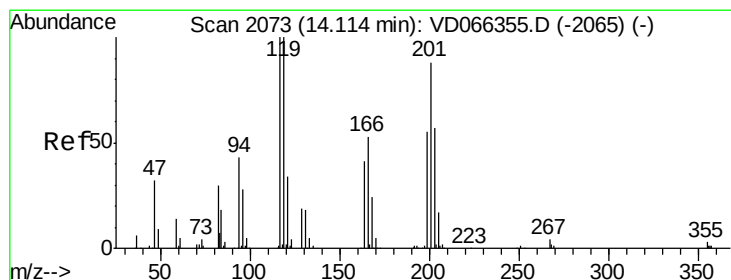
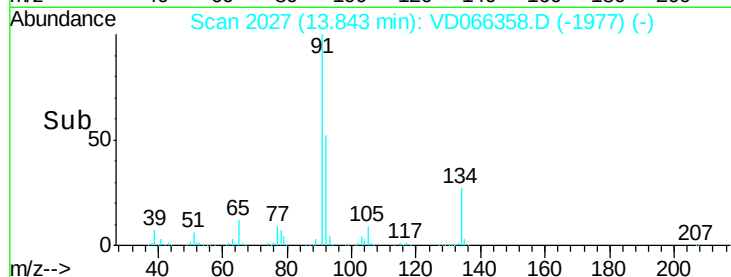
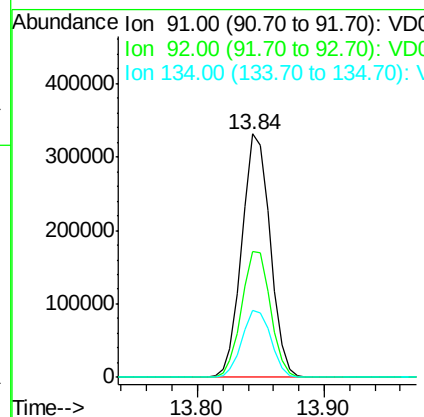
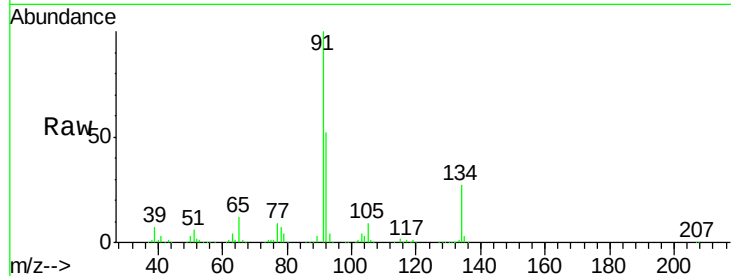
#89
n-Butylbenzene
Concen: 54.358 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
91	100	511164		
92	52.8	26.4	79.0	
134	28.4	14.4	43.4	

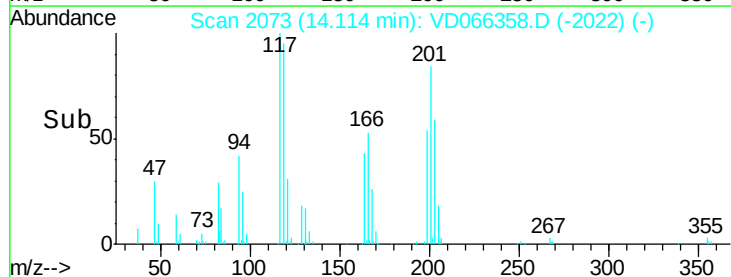
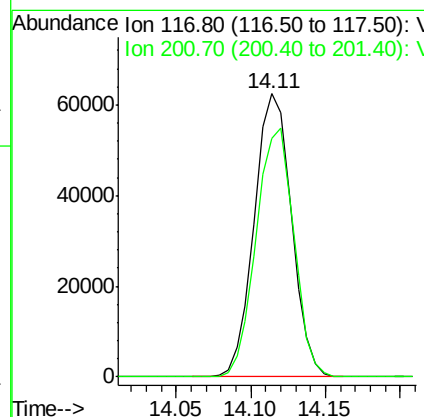
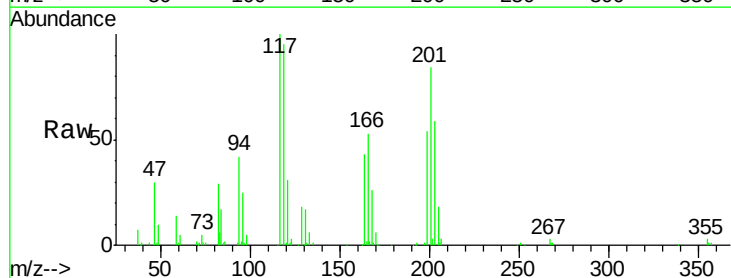
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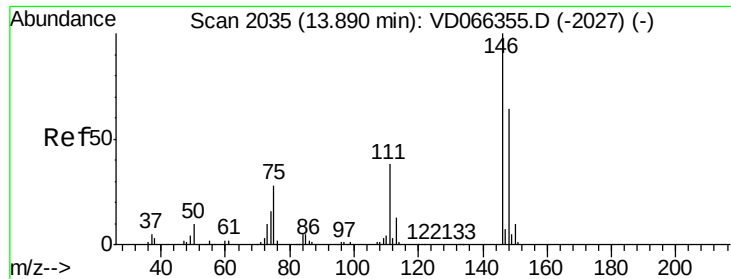
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#90
Hexachloroethane
Concen: 51.172 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107720		
201	88.6	45.4	136.2	





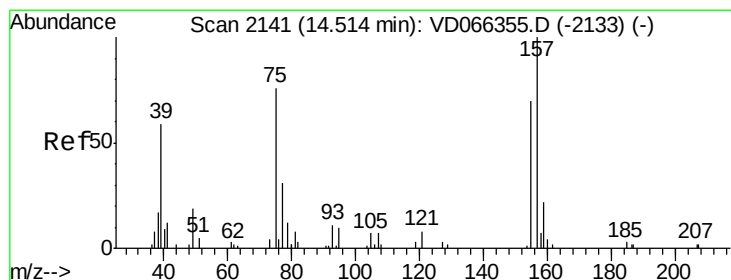
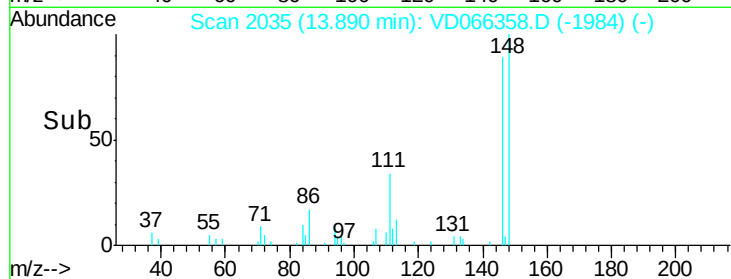
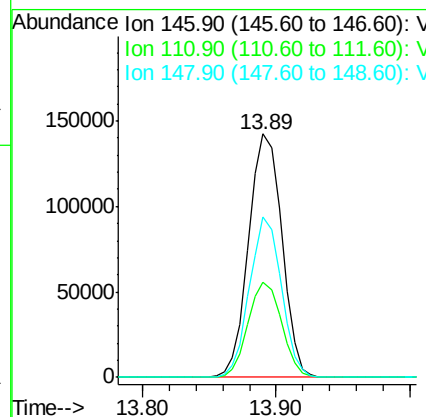
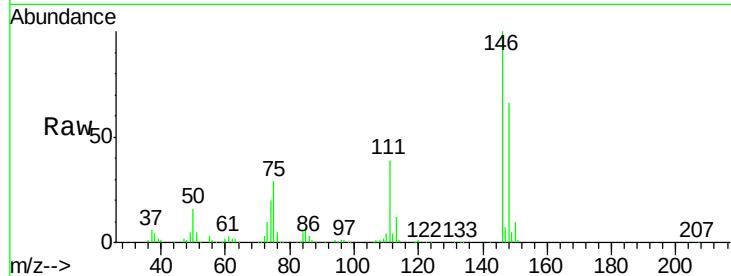
#91
 1,2-Dichlorobenzene
 Concen: 53.465 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.2	32.6	97.8

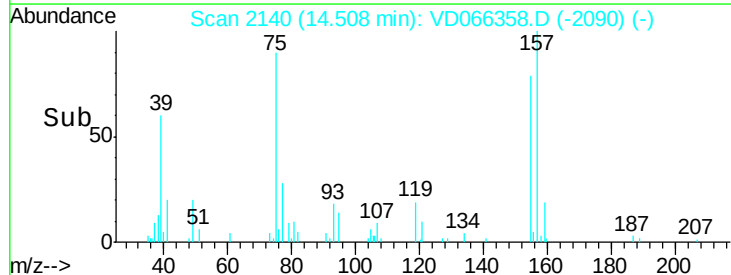
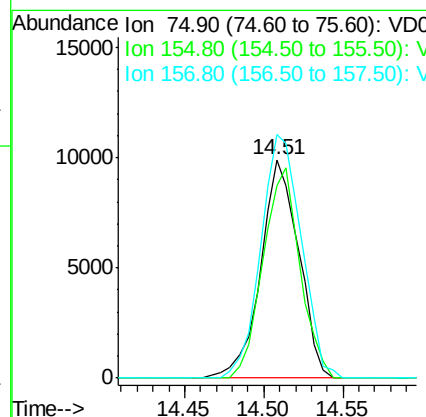
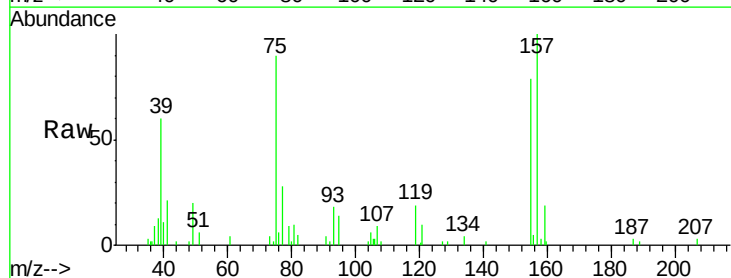
Manual Integrations
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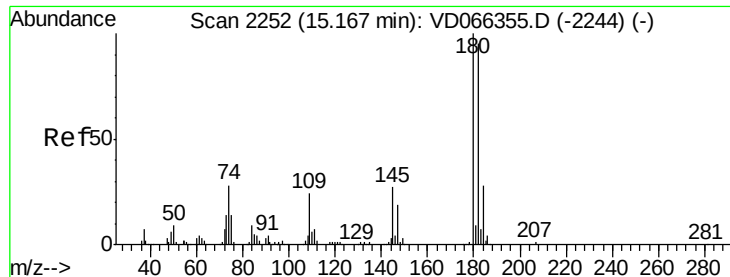
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.153 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	46.9	140.6
157	118.9	61.0	183.0





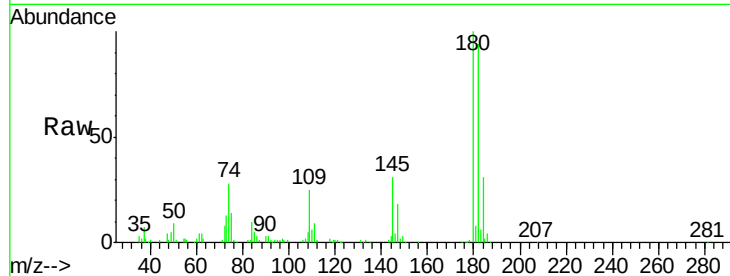
#93
 1,2,4-Trichlorobenzene
 Concen: 52.450 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187843		
182	94.9	48.0	144.0	
145	31.1	15.2	45.6	

Manual Integrations
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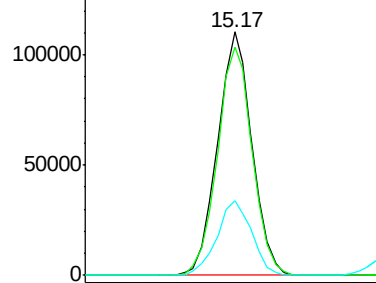


Abundance

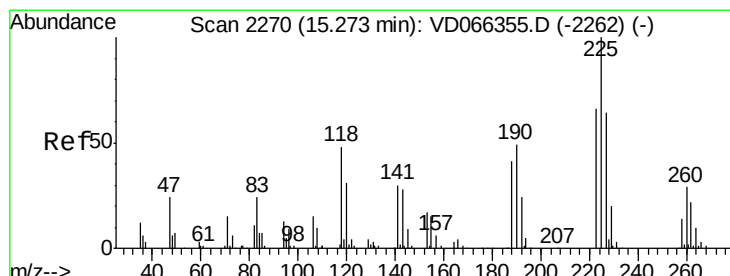
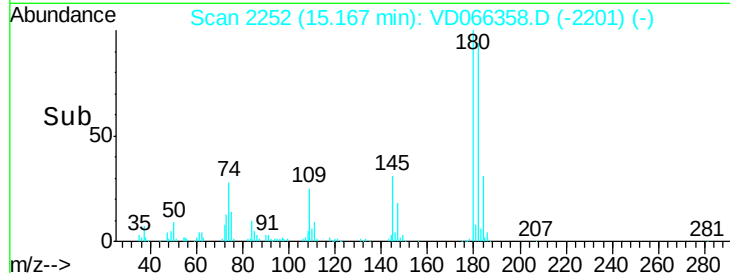
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

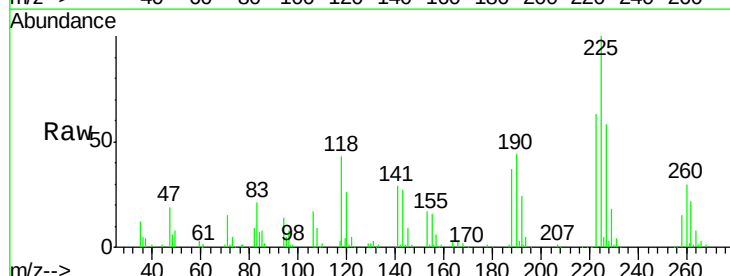


Time-->



#94
 Hexachlorobutadiene
 Concen: 54.982 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066358.D
 Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122368		
223	62.9	32.5	97.4	
227	62.8	33.0	98.9	

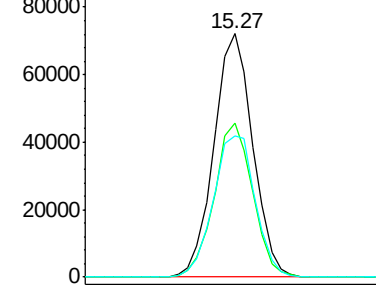


Abundance

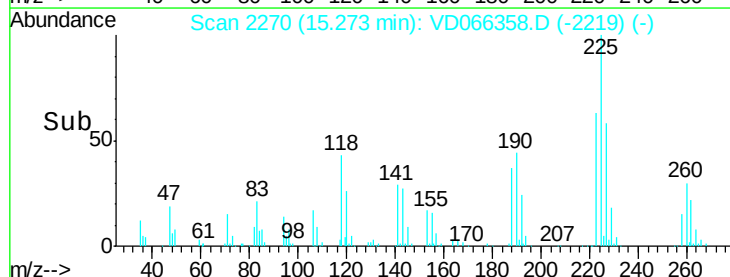
Ion 224.70 (224.40 to 225.40): V

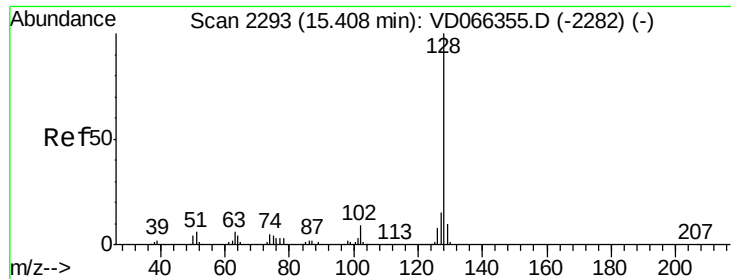
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





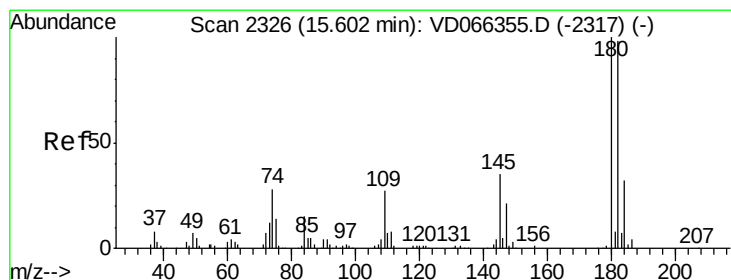
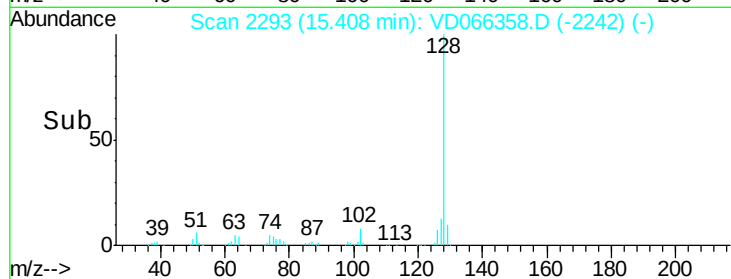
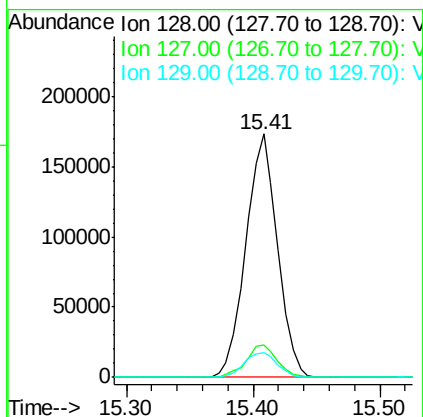
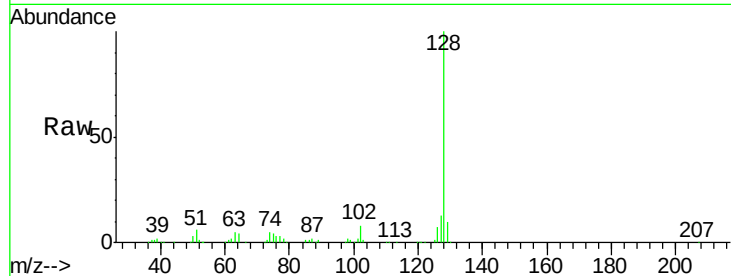
#95
Naphthalene
Concen: 53.408 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:37:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.752 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066358.D
Acq: 21 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.7	140.0
145	32.2	16.0	48.0

