

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066374.D
 Acq On : 24 Aug 2020 12:01
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 3:32:53 PM

Quant Time: Aug 25 03:27:45 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	204790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	257593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	139492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108893	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	7.91	113	93878	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
50) Toluene-d8	10.34	98	348525	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.63	95	126281	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34242	19.668	ug/l	99
3) Chloromethane	2.20	50	22353	18.113	ug/l	98
4) Vinyl Chloride	2.34	62	23601	17.812	ug/l	95
5) Bromomethane	2.75	94	18206	18.370	ug/l	99
6) Chloroethane	2.91	64	15194	17.908	ug/l	94
7) Trichlorofluoromethane	3.27	101	70988	19.702	ug/l	95
8) Diethyl Ether	3.71	74	13975	17.311	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	32182	18.099	ug/l	96
10) Methyl Iodide	4.30	142	27217	13.420	ug/l	99
11) Tert butyl alcohol	5.23	59	15959m	114.948	ug/l	
12) 1,1-Dichloroethene	4.06	96	29565	17.713	ug/l	98
13) Acrolein	3.91	56	7129	79.960	ug/l	92
14) Allyl chloride	4.71	41	35314	15.851	ug/l	91
15) Acrylonitrile	5.42	53	27222	84.044	ug/l	99
16) Acetone	4.15	43	29999	82.878	ug/l	98
17) Carbon Disulfide	4.41	76	85997	17.001	ug/l	99
18) Methyl Acetate	4.71	43	11416	16.804	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	73477	18.282	ug/l	97
20) Methylene Chloride	4.96	84	40915	16.970	ug/l	86
21) trans-1,2-Dichloroethene	5.46	96	34089	17.545	ug/l	97
22) Diisopropyl ether	6.36	45	75555	17.517	ug/l	98
23) Vinyl Acetate	6.30	43	226124	84.683	ug/l	97
24) 1,1-Dichloroethane	6.26	63	53468	17.541	ug/l #	91
25) 2-Butanone	7.21	43	35842	87.224	ug/l	95
26) 2,2-Dichloropropane	7.20	77	61738	18.897	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	37250	17.893	ug/l	98
28) Bromochloromethane	7.54	49	17757	16.912	ug/l	93
29) Tetrahydrofuran	7.56	42	19954	85.494	ug/l	96
30) Chloroform	7.70	83	64770	18.366	ug/l	95
31) Cyclohexane	7.98	56	46993	16.857	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	69688	19.307	ug/l	97
36) 1,1-Dichloropropene	8.11	75	46368	18.614	ug/l	98
37) Ethyl Acetate	7.29	43	14651	17.293	ug/l #	64
38) Carbon Tetrachloride	8.09	117	67708	20.863	ug/l	96

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Manual Integrations
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Quant Time: Aug 25 03:27:45 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)
39) Methylcyclohexane	9.35	83	55434	18.891	ug/l	93
40) Benzene	8.34	78	125511	19.153	ug/l	99
41) Methacrylonitrile	7.54	41	10201m	19.524	ug/l	
42) 1,2-Dichloroethane	8.42	62	46980	20.355	ug/l	97
43) Isopropyl Acetate	8.44	43	30250	17.789	ug/l	98
44) Trichloroethene	9.11	130	41102	19.302	ug/l	97
45) 1,2-Dichloropropane	9.38	63	28769	19.365	ug/l	96
46) Dibromomethane	9.47	93	17821	19.266	ug/l	98
47) Bromodichloromethane	9.66	83	48630	19.117	ug/l #	91
48) Methyl methacrylate	9.46	41	15313	17.462	ug/l	93
49) 1,4-Dioxane	9.46	88	4120	383.593	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	73337	89.147	ug/l	96
52) Toluene	10.40	92	88460	19.925	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	46635	19.321	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	51174	18.888	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	24352	19.447	ug/l	91
56) Ethyl methacrylate	10.66	69	27225	18.781	ug/l	96
57) 1,3-Dichloropropane	10.94	76	39566	19.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	63016	104.668	ug/l	95
59) 2-Hexanone	10.98	43	51213	88.257	ug/l	91
60) Dibromochloromethane	11.14	129	37129	19.671	ug/l	97
61) 1,2-Dibromoethane	11.24	107	23521	19.087	ug/l	98
64) Tetrachloroethene	10.87	164	36650	18.756	ug/l	96
65) Chlorobenzene	11.67	112	96472	18.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	41039	19.595	ug/l	97
67) Ethyl Benzene	11.74	91	172422	19.113	ug/l	89
68) m/p-Xylenes	11.86	106	130054	37.824	ug/l	94
69) o-Xylene	12.18	106	61165	19.122	ug/l	98
70) Styrene	12.20	104	105084	19.133	ug/l	97
71) Bromoform	12.36	173	22767	19.161	ug/l #	97
73) Isopropylbenzene	12.48	105	176478	18.886	ug/l	98
74) N-amyl acetate	12.29	43	27389	16.228	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.73	83	23792	17.823	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	20391m	20.779	ug/l	
77) Bromobenzene	12.76	156	44607	18.808	ug/l	99
78) n-propylbenzene	12.82	91	200374	18.701	ug/l	100
79) 2-Chlorotoluene	12.91	91	111159	18.165	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	151208	18.741	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	7938	17.170	ug/l	94
82) 4-Chlorotoluene	13.01	91	120255	18.548	ug/l	98
83) tert-Butylbenzene	13.23	119	129456	18.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	150577	19.001	ug/l	98
85) sec-Butylbenzene	13.40	105	168438	18.345	ug/l	99
86) p-Isopropyltoluene	13.52	119	169178	19.109	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	82812	18.705	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	84248	18.952	ug/l	99
89) n-Butylbenzene	13.84	91	142057	18.183	ug/l	100
90) Hexachloroethane	14.11	117	31204	17.842	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	72944	19.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5384	19.230	ug/l	86

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	54835	18.429	ug/l	99
94) Hexachlorobutadiene	15.27	225	36127	19.538	ug/l	96
95) Naphthalene	15.41	128	83588	17.886	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	48110	18.875	ug/l	100

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

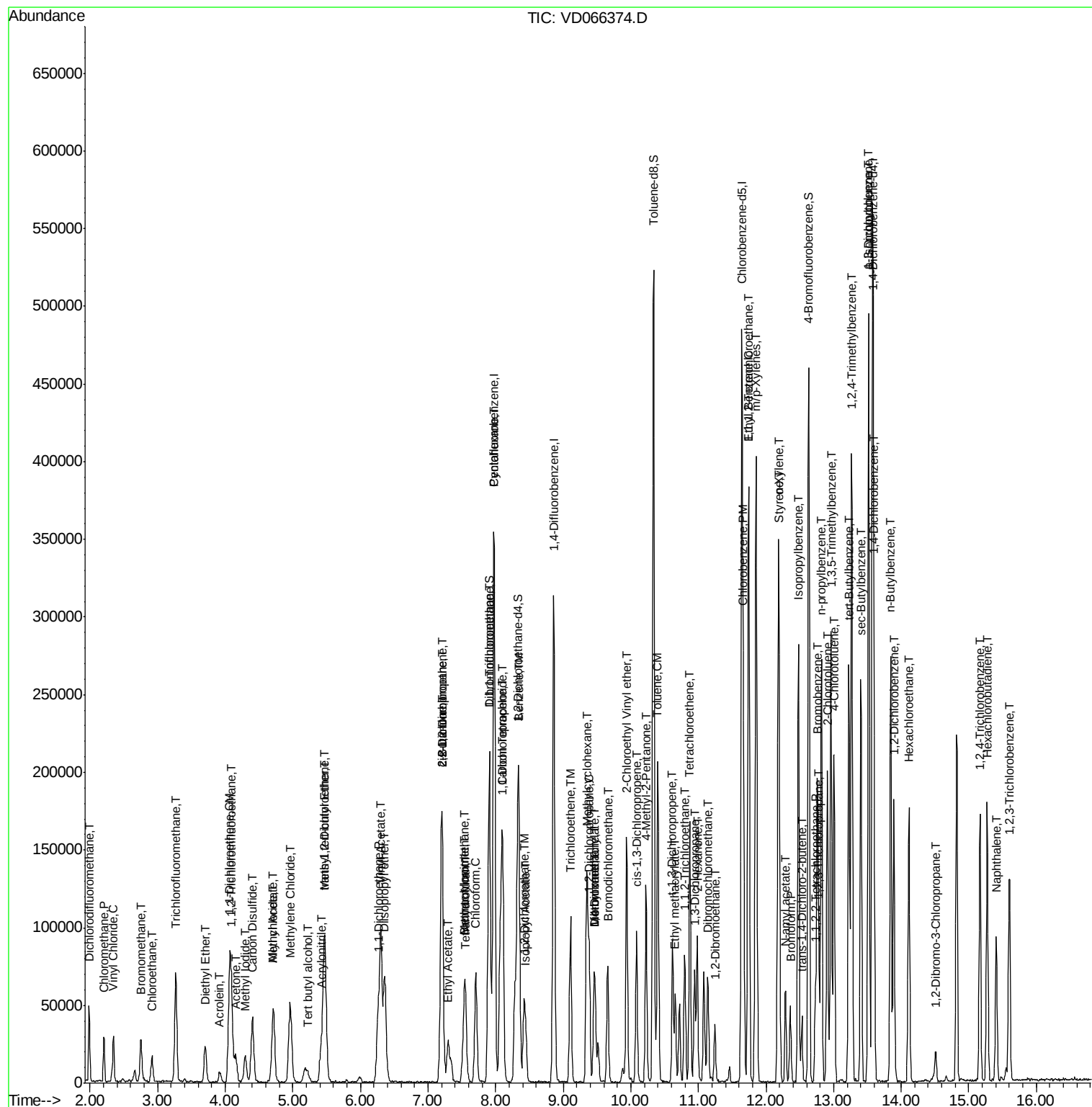
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Data File : VD066374.D
Acq On : 24 Aug 2020 12:01
Operator : VA/SY
Sample : VD0824SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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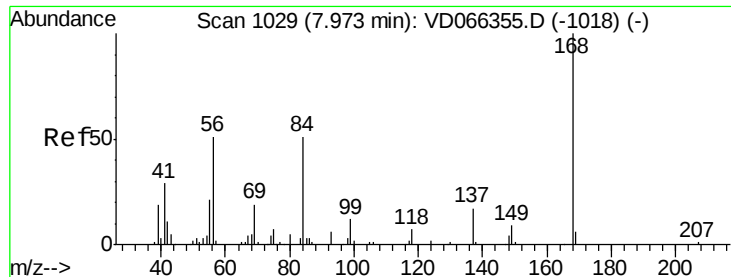
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Manual Integrations
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Quant Time: Aug 25 03:27:45 2020
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion:168 Resp: 204790

Ion Ratio Lower Upper

168 100

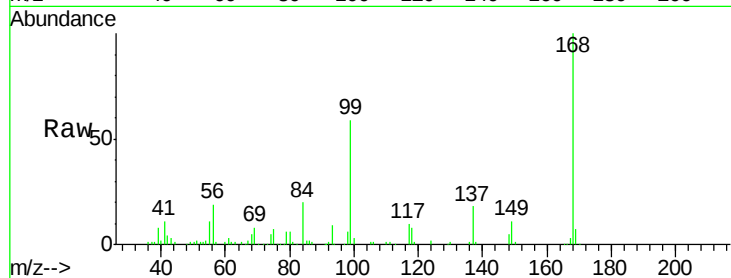
99 59.3 45.4 68.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

60000

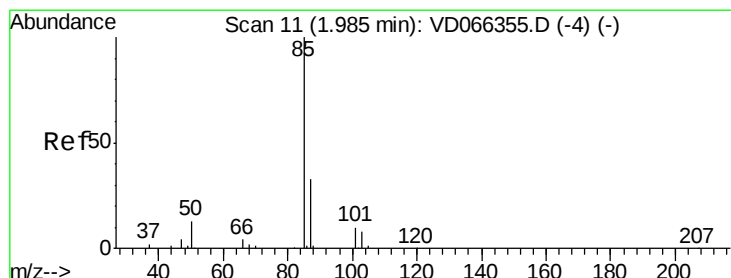
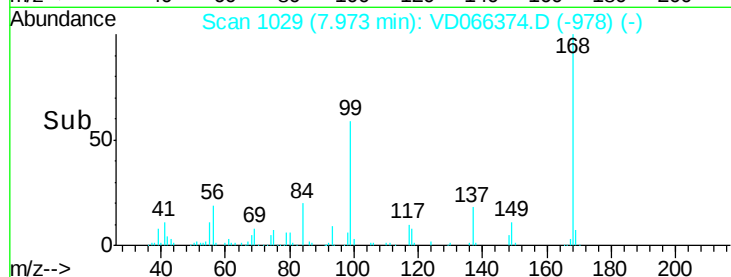
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.668 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066374.D

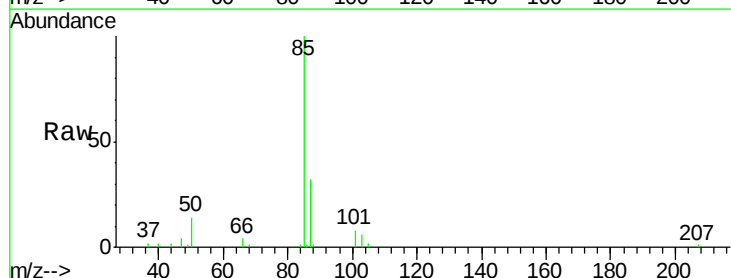
Acq: 24 Aug 2020 12:01

Tgt Ion: 85 Resp: 34242

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

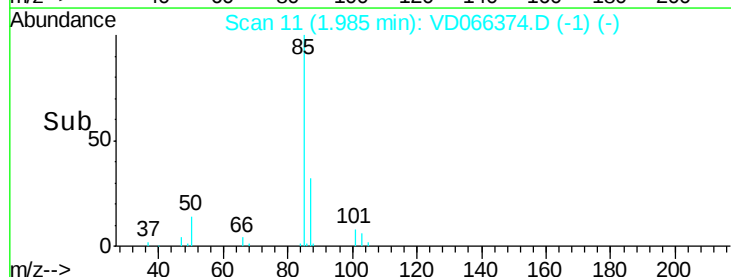
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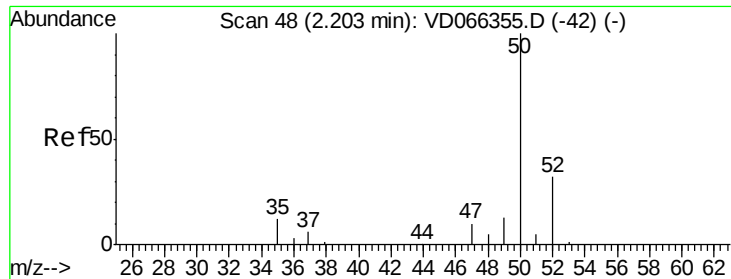
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.113 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 50 Resp: 22353

Ion Ratio Lower Upper

50 100

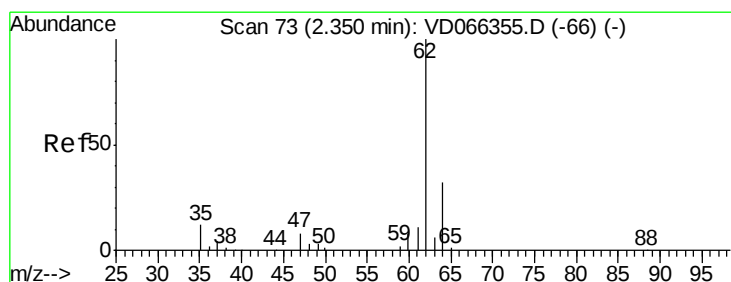
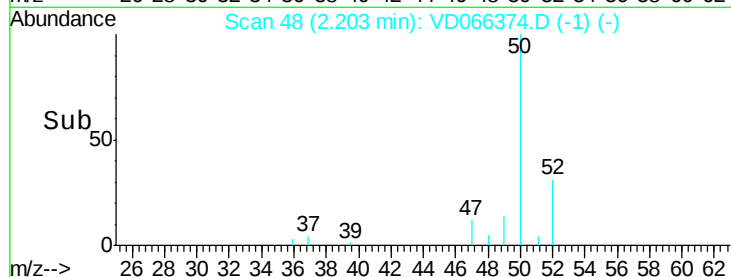
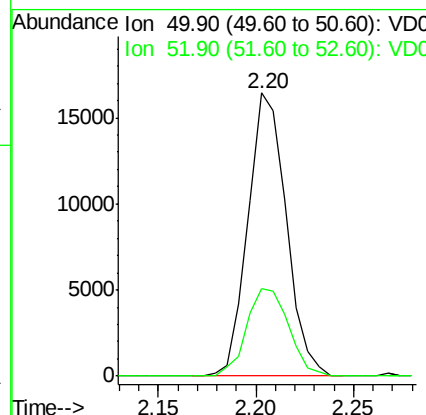
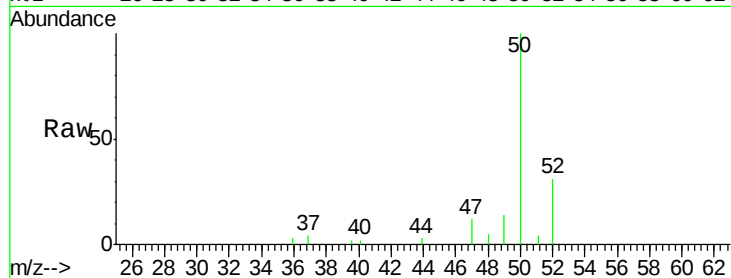
52 30.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.812 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066374.D

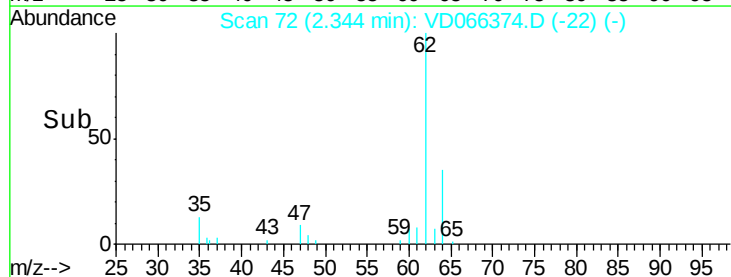
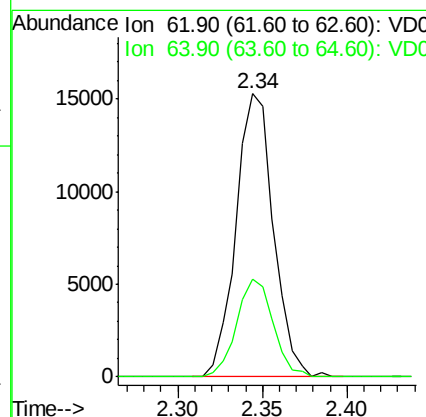
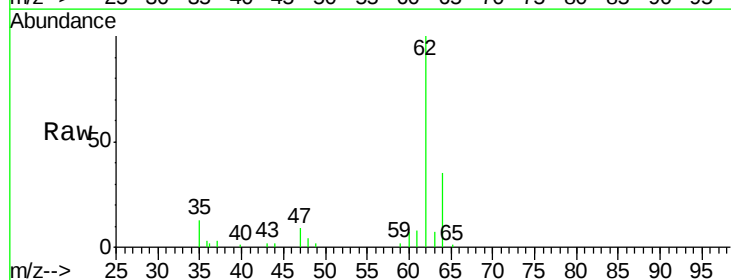
Acq: 24 Aug 2020 12:01

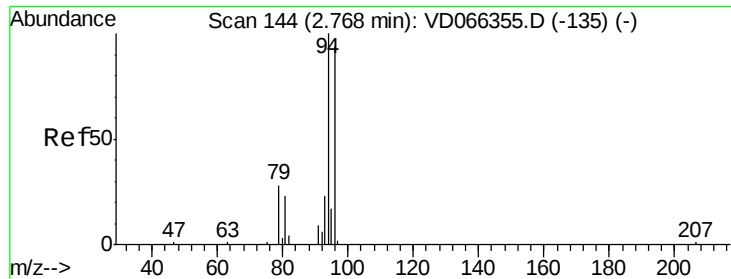
Tgt Ion: 62 Resp: 23601

Ion Ratio Lower Upper

62 100

64 34.7 25.4 38.2





#5

Bromomethane

Concen: 18.370 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 94 Resp: 18206

Ion Ratio Lower Upper

94 100

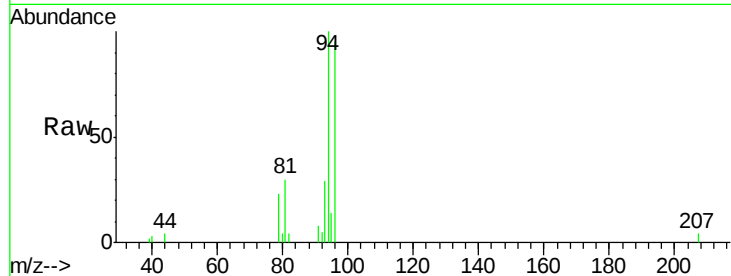
96 95.1 75.0 112.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.75

8000

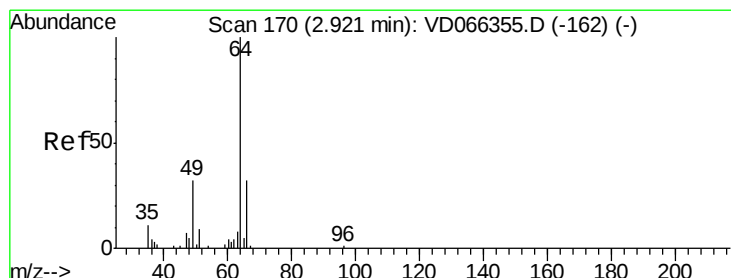
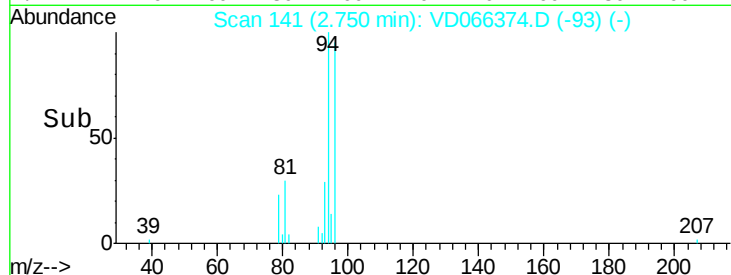
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 17.908 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066374.D

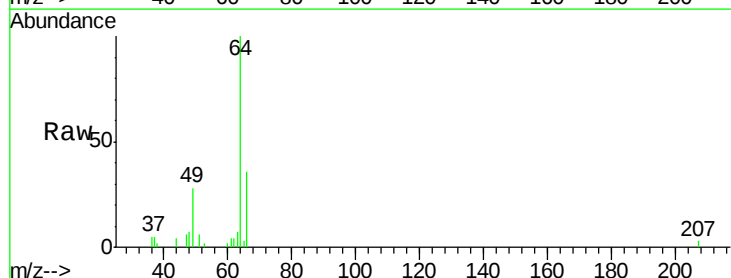
Acq: 24 Aug 2020 12:01

Tgt Ion: 64 Resp: 15194

Ion Ratio Lower Upper

64 100

66 35.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

8000

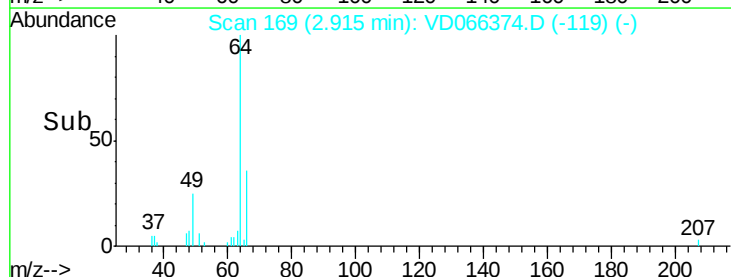
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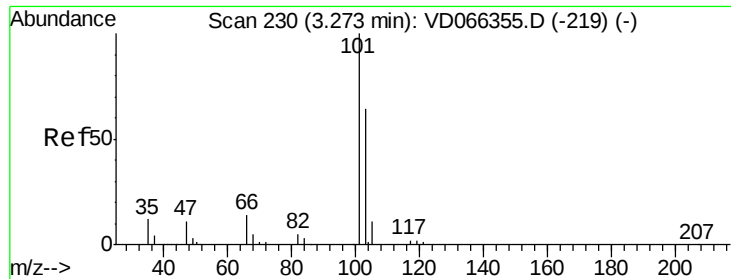
4000

2000

0

Time-->





#7

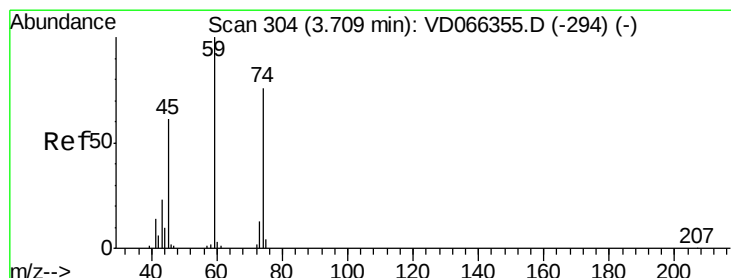
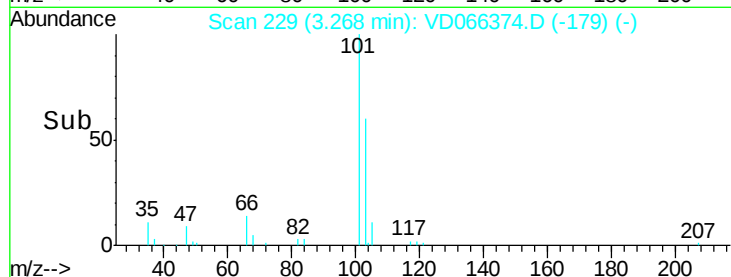
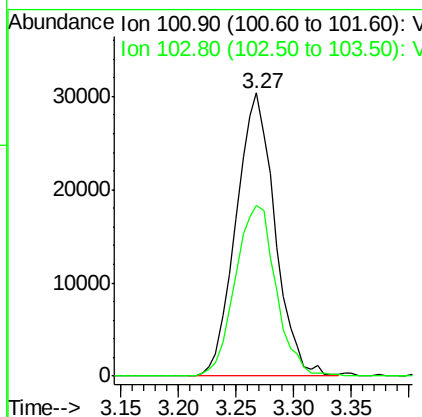
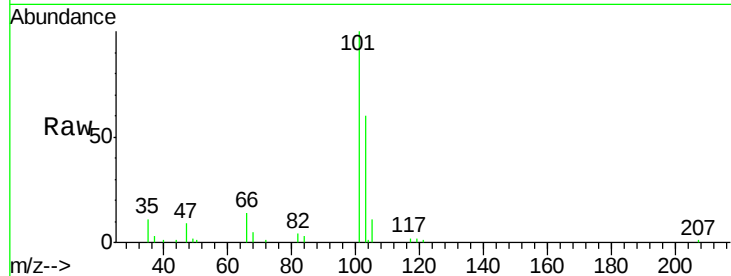
Trichlorofluoromethane
 Concen: 19.702 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	51.4	77.0

Manual Integrations
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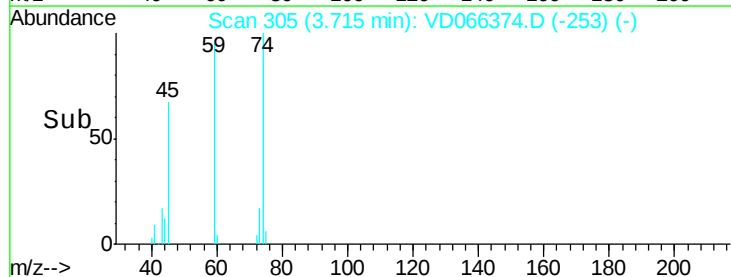
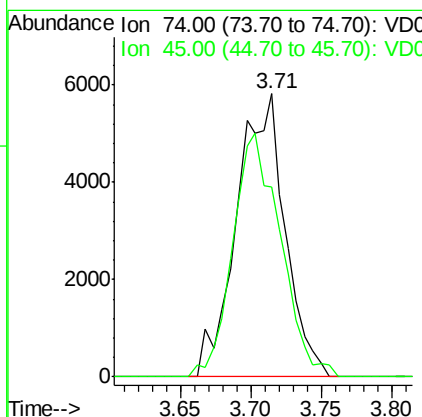
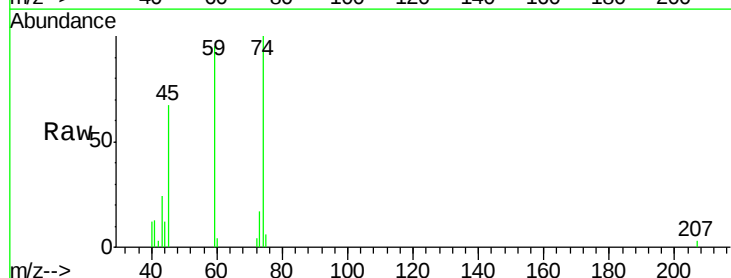
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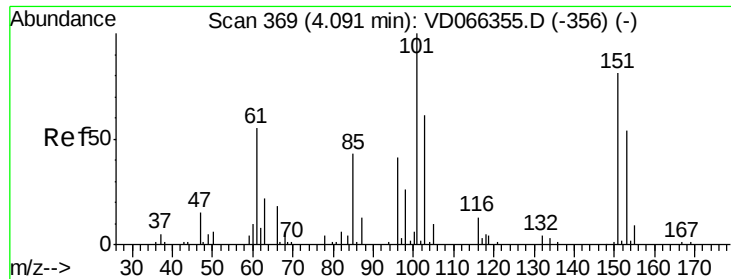


#8

Diethyl Ether
 Concen: 17.311 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.099 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066374.D

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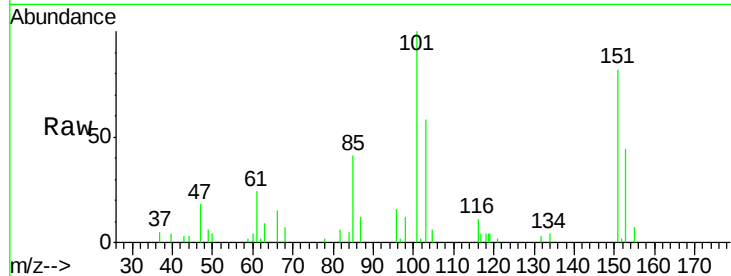
ClientSampleId :

VD0824SBS01

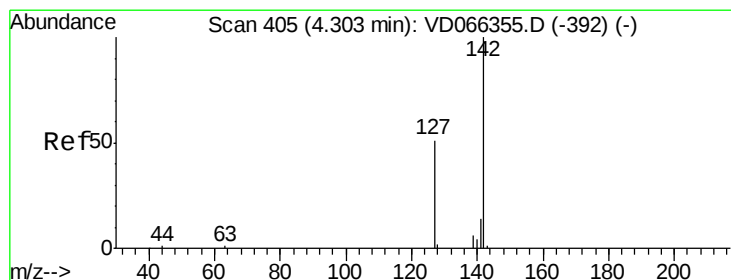
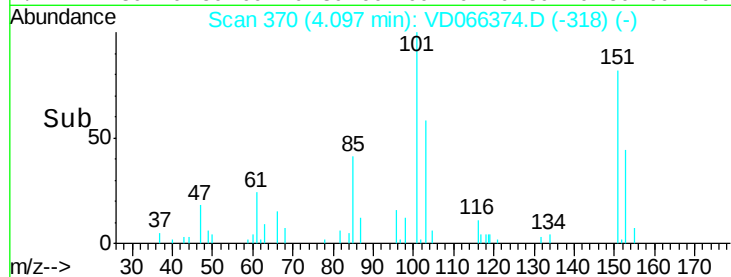
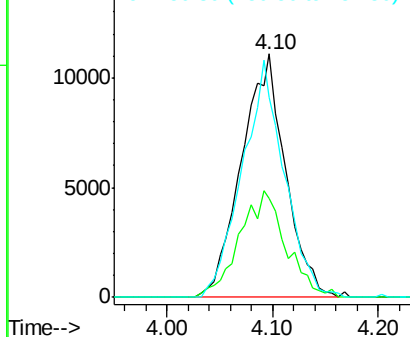
Tot Ion:	101	Resp:	32182
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.4	54.6
151	92.9	70.5	105.7

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



#10

Methyl Iodide

Concen: 13.420 ug/l

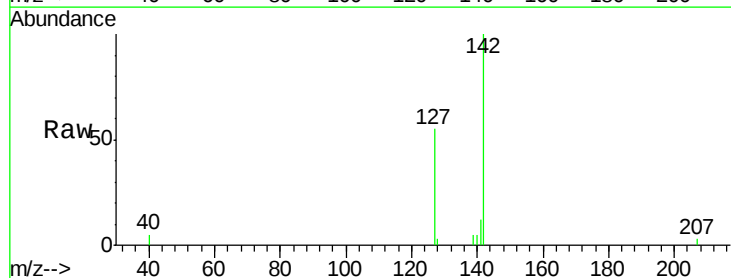
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

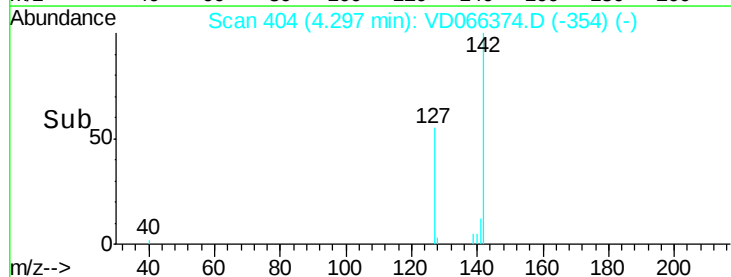
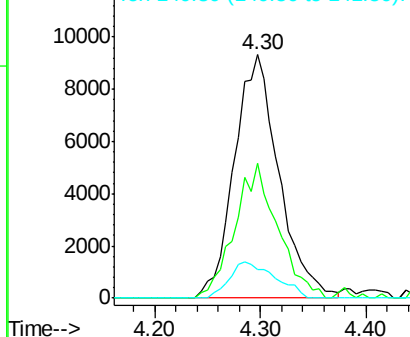
Lab File: VD066374.D

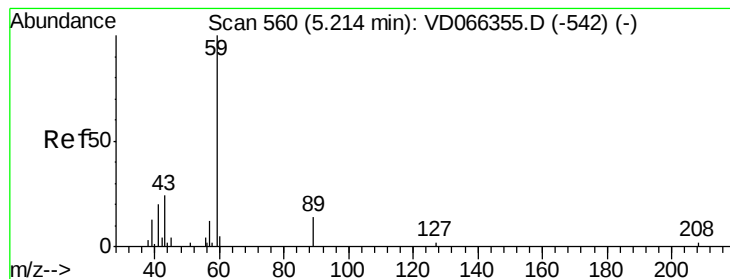
Acq: 24 Aug 2020 12:01

Tgt Ion:	142	Resp:	27217
Ion Ratio	Lower	Upper	
142	100		
127	53.3	41.8	62.8
141	15.2	11.8	17.6



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





#11

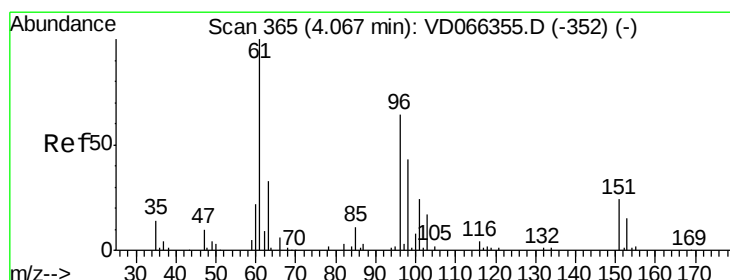
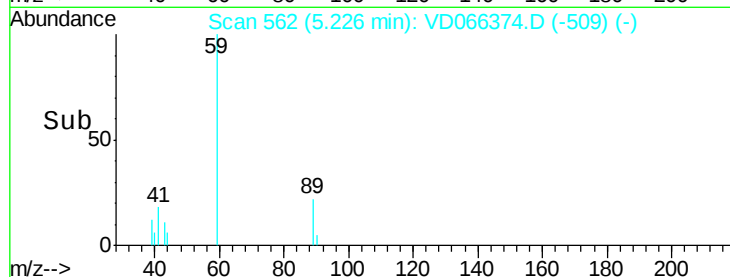
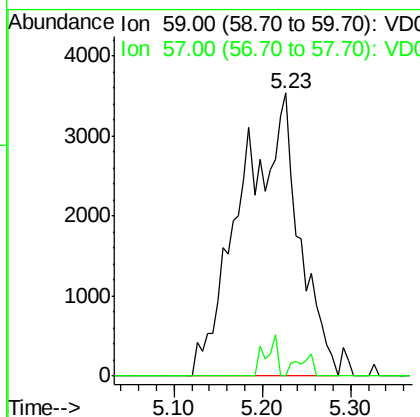
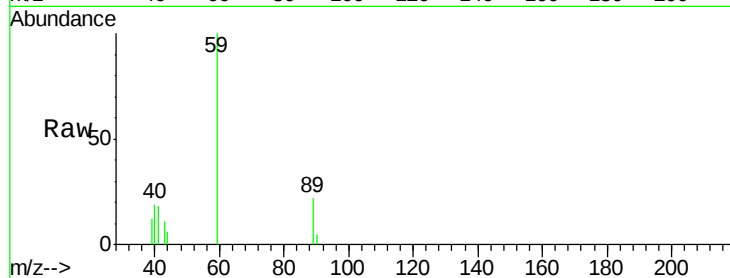
Tert butyl alcohol
Concen: 114.948 ug/l m
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.0	9.0	13.4#

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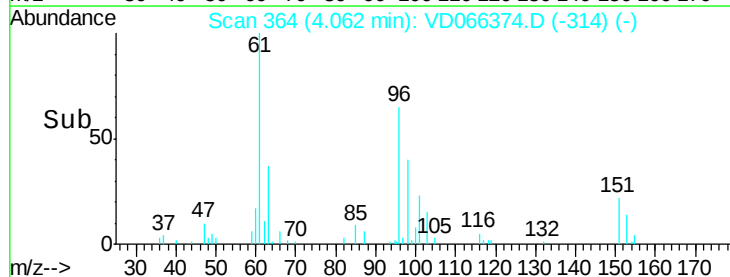
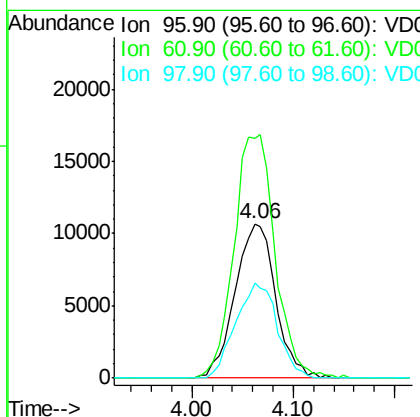
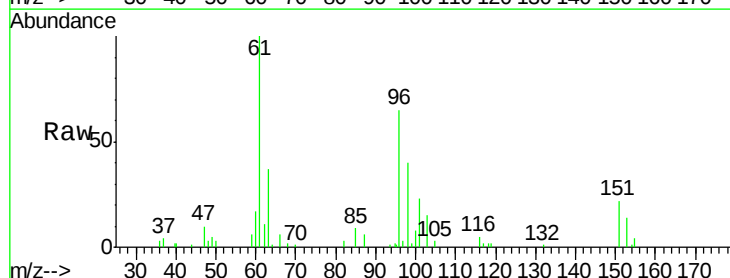
MMDadoda
8/25/2020 3:32:53 PM

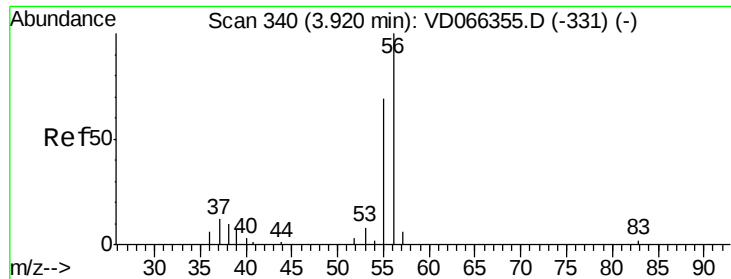


#12

1,1-Dichloroethene
Concen: 17.713 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	124.3	186.5
98	61.8	53.2	79.8





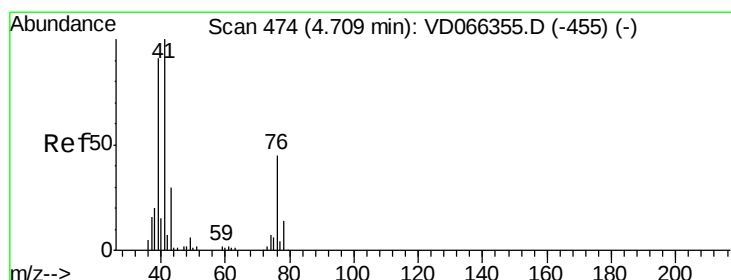
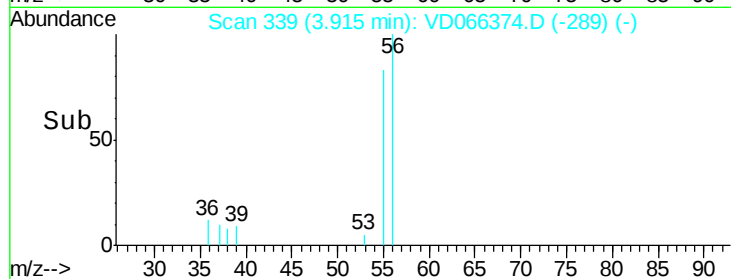
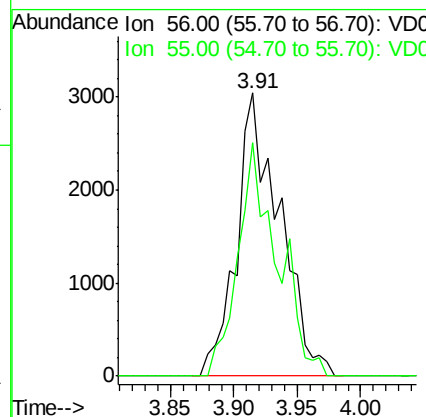
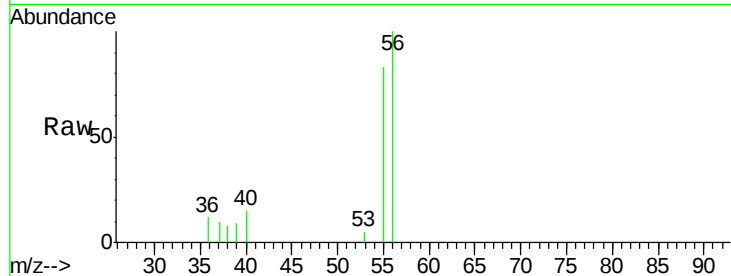
#13
Acrolein
Concen: 79.960 ug/l
RT: 3.91 min Scan# 339
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.7	55.5	83.3

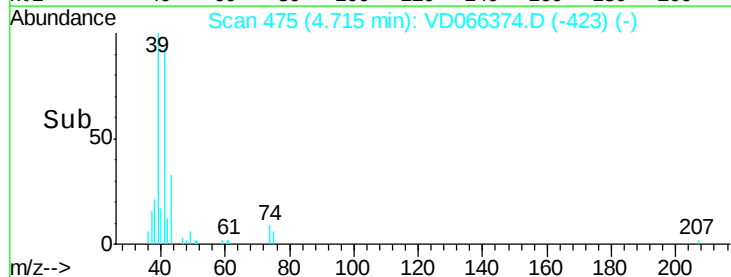
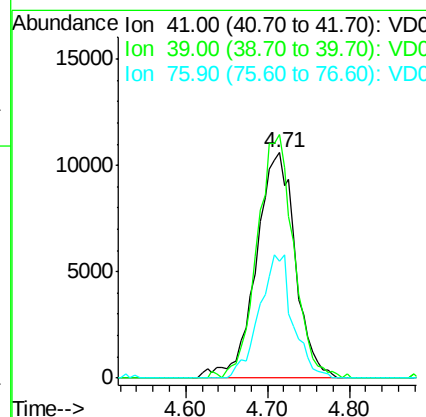
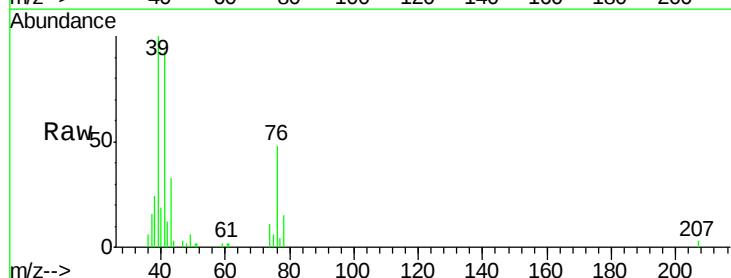
Manual Integrations
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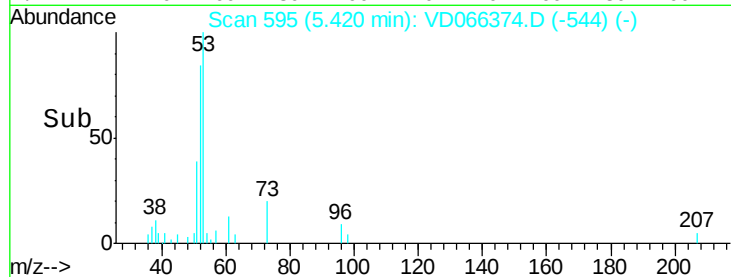
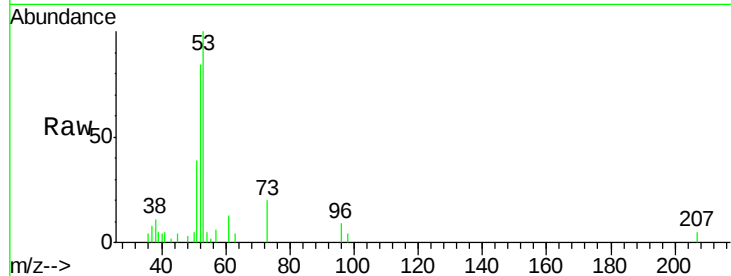
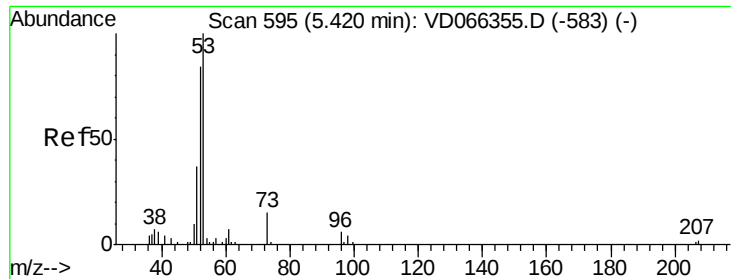
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#14
Allyl chloride
Concen: 15.851 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	100.1	72.8	109.2
76	46.7	34.0	51.0





#15

Acrylonitrile

Concen: 84.044 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tot Ion:	53	Resp:	27222
Ion Ratio	Lower	Upper	
53	100		
52	84.8	68.1	102.1
51	43.0	33.8	50.6

Instrument :

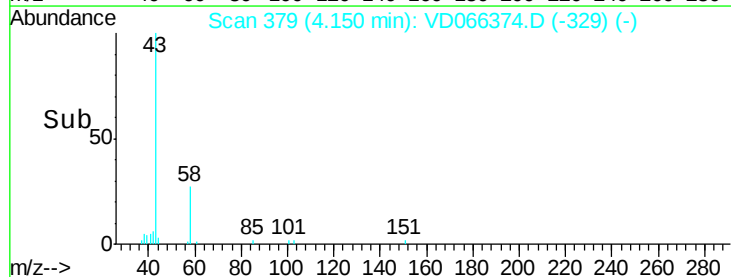
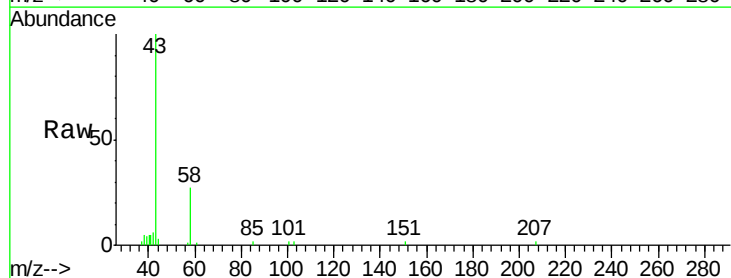
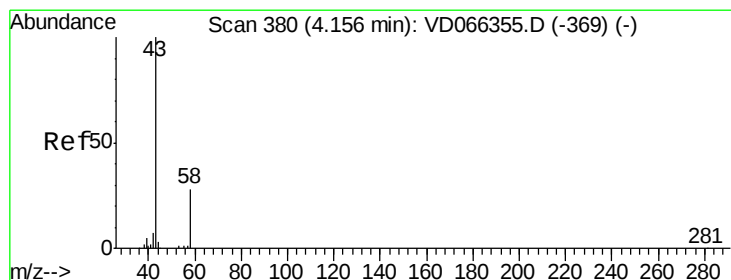
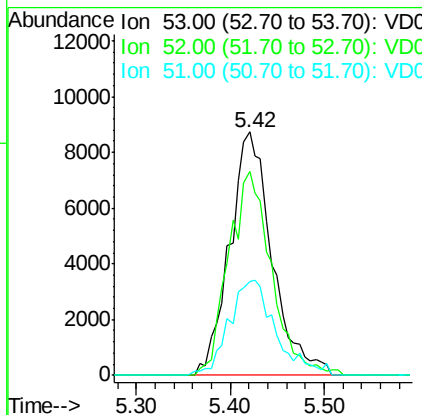
MSVOA_D

ClientSampleId :

VD0824SBS01

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#16

Acetone

Concen: 82.878 ug/l

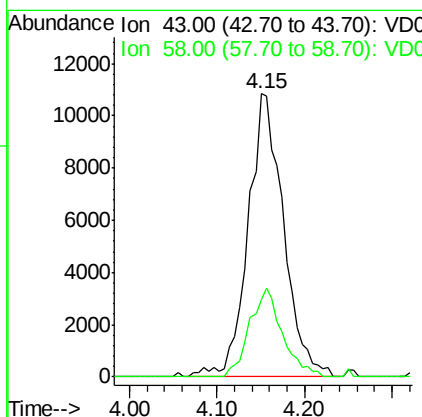
RT: 4.15 min Scan# 379

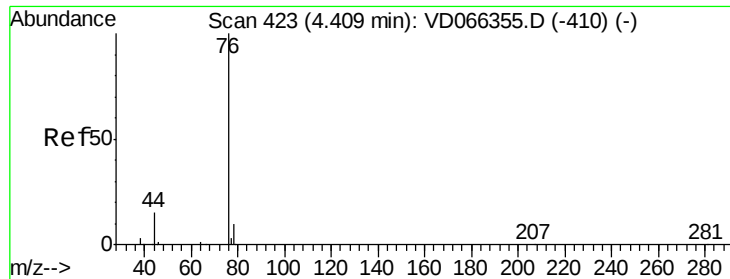
Delta R.T. -0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	43	Resp:	29999
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.7	34.1





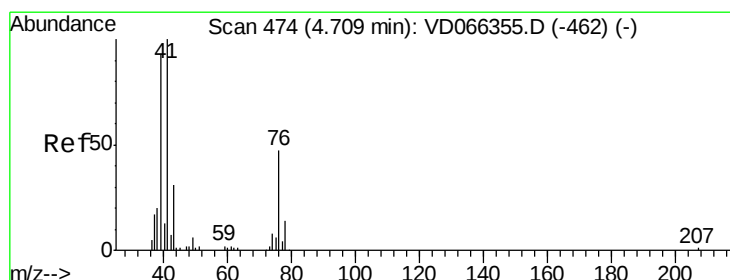
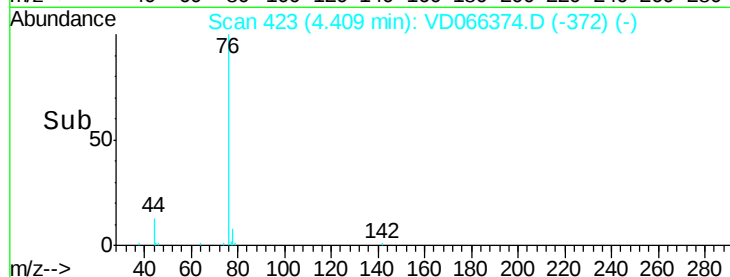
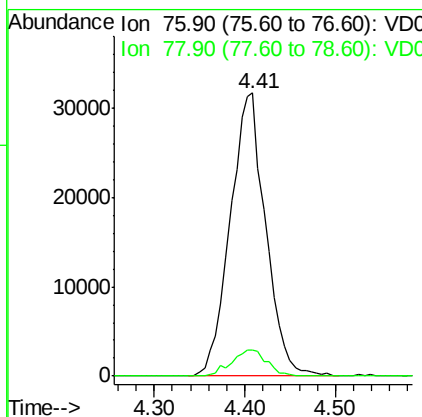
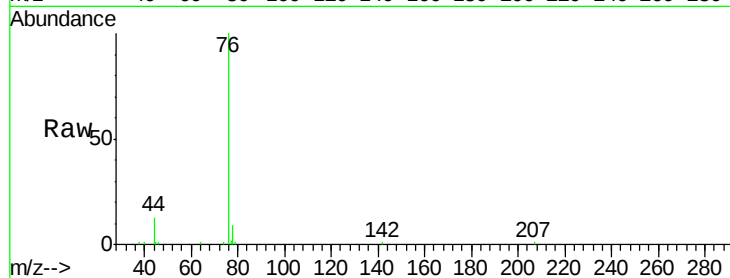
#17
Carbon Disulfide
Concen: 17.001 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.7	11.5

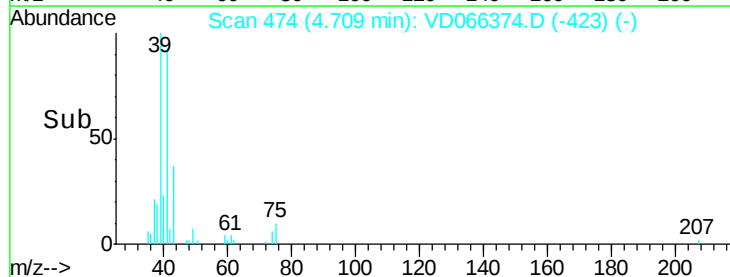
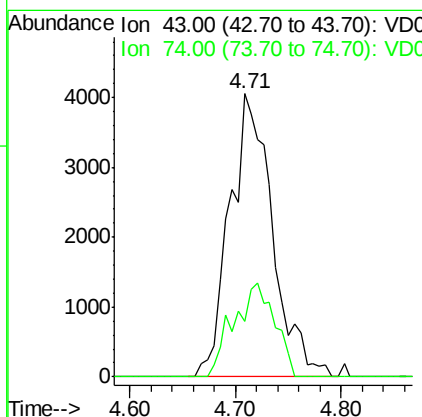
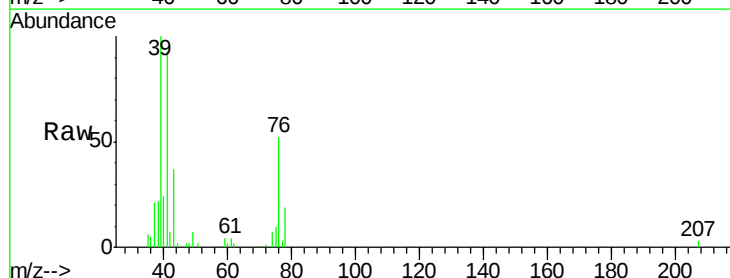
Manual Integrations
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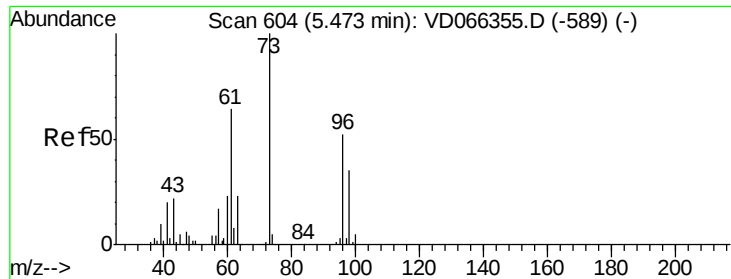
MMDadoda
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#18
Methyl Acetate
Concen: 16.804 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.8	21.0	31.6#





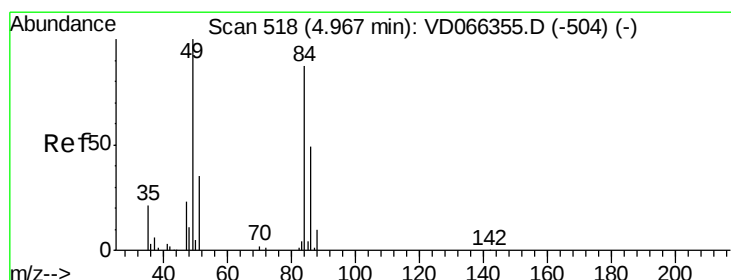
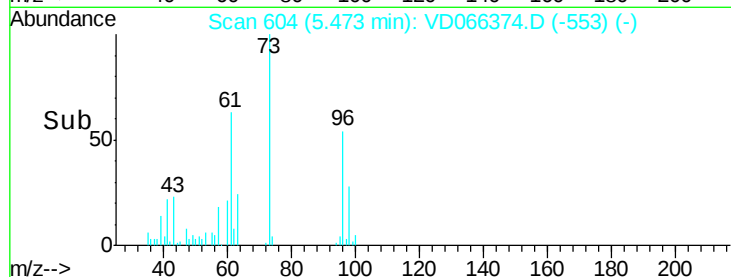
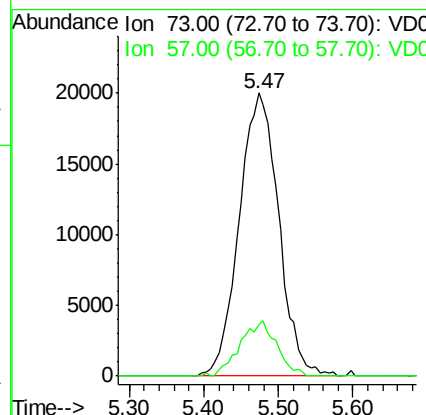
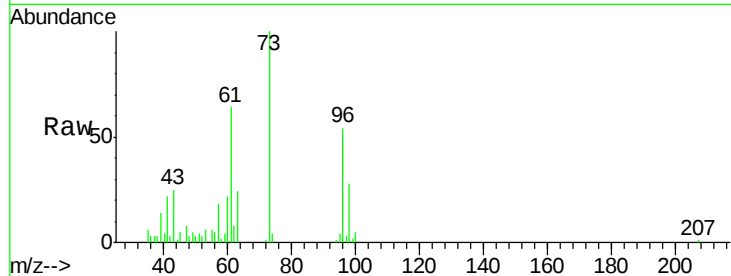
#19
Methyl tert-butyl Ether
Concen: 18.282 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion: 73 Resp: 73477
Ion Ratio Lower Upper
73 100
57 18.4 13.8 20.6

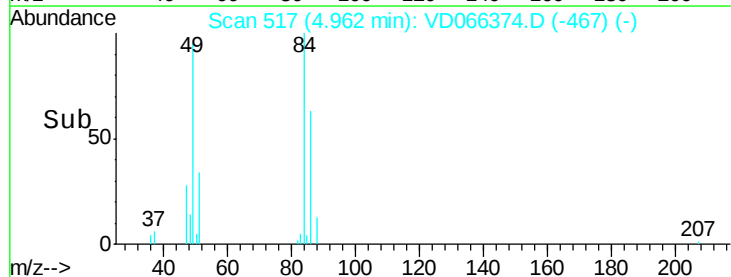
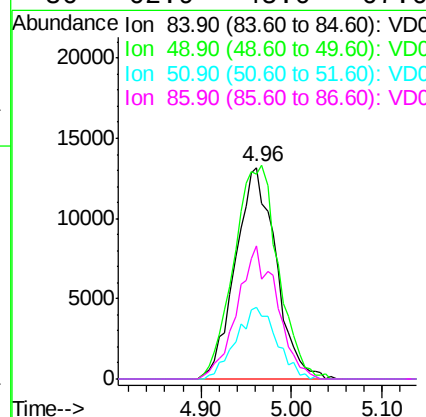
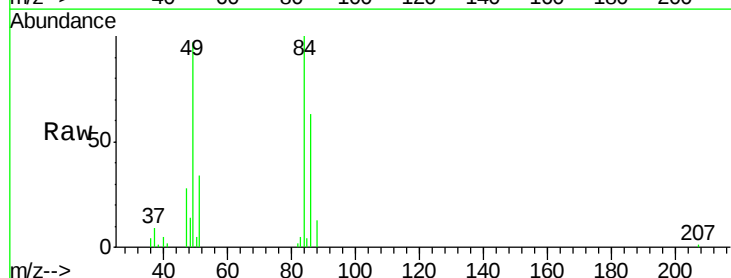
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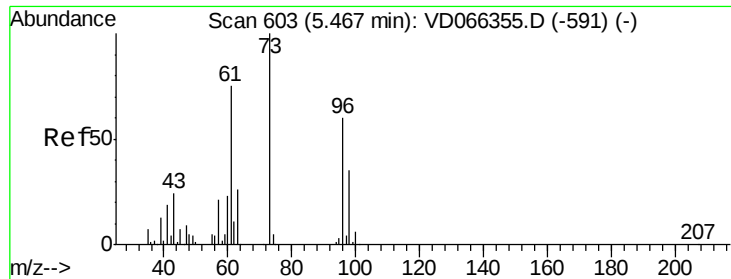
MMDadoda
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#20
Methylene Chloride
Concen: 16.970 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion: 84 Resp: 40915
Ion Ratio Lower Upper
84 100
49 96.7 92.5 138.7
51 33.6 32.5 48.7
86 62.9 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 17.545 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

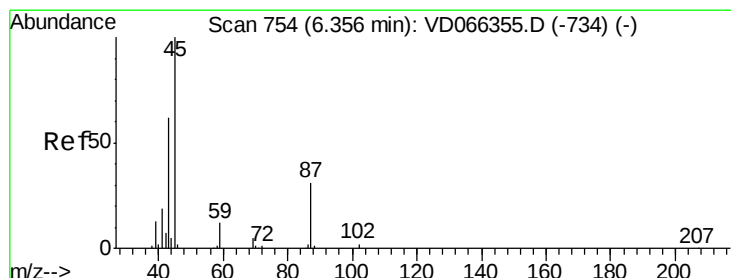
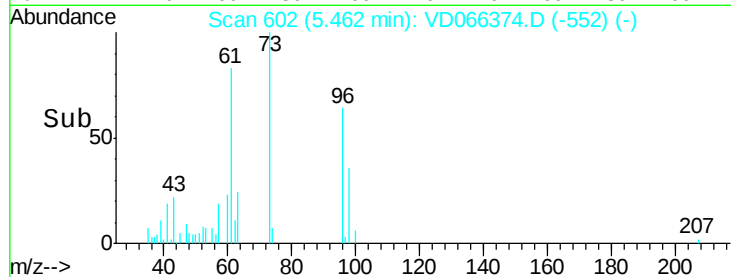
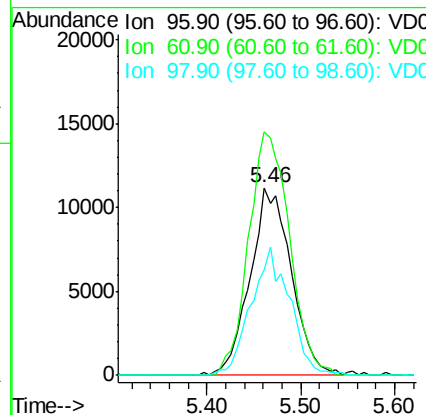
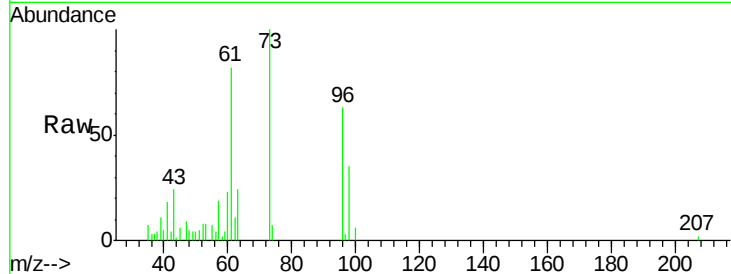
ClientSampleId :

VD0824SBS01

Tot Ion:	96	Resp:	34089
Ion	Ratio	Lower	Upper
96	100		
61	129.7	101.1	151.7
98	55.9	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.517 ug/l

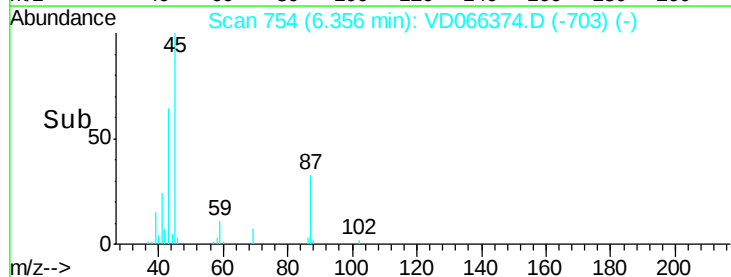
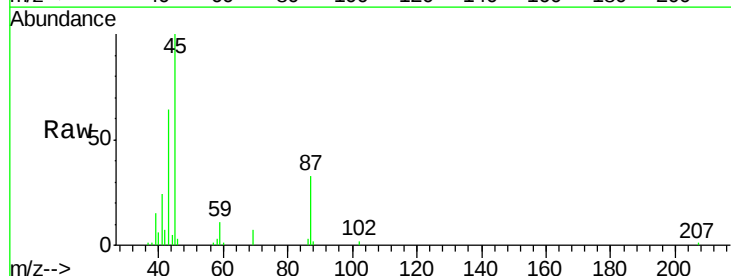
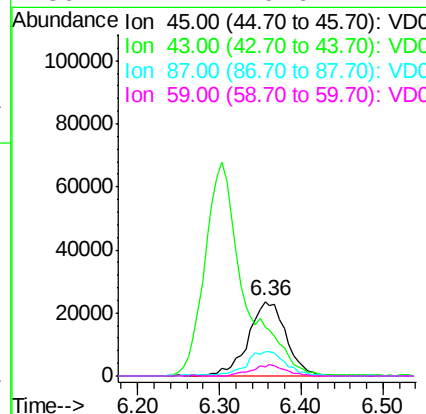
RT: 6.36 min Scan# 754

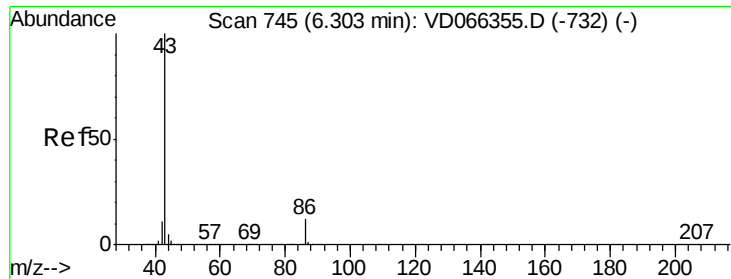
Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	45	Resp:	75555
Ion	Ratio	Lower	Upper
45	100		
43	63.3	49.8	74.8
87	32.7	25.0	37.6
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 84.683 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 226124

Ion Ratio Lower Upper

43 100

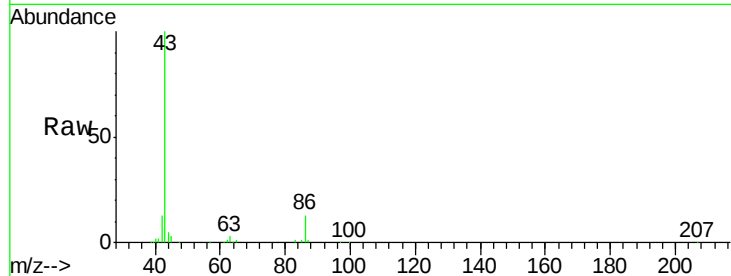
86 12.8 9.4 14.0

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

6.30

80000

60000

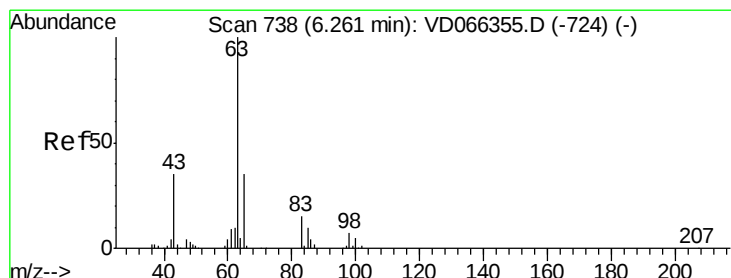
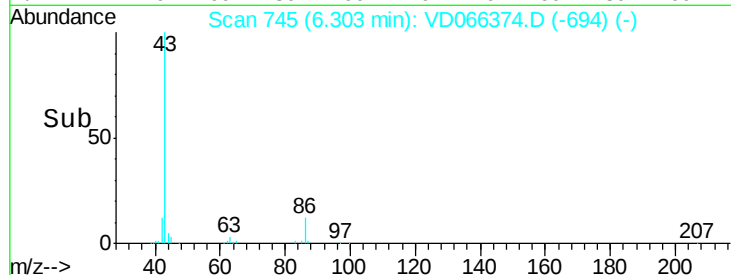
40000

20000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 17.541 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

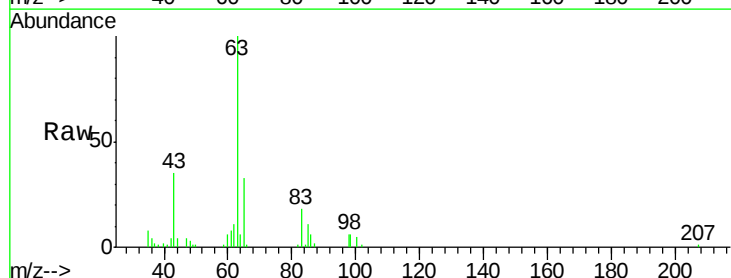
Tgt Ion: 63 Resp: 53468

Ion Ratio Lower Upper

63 100

98 12.0 3.5 10.6#

100 4.9 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

20000

15000

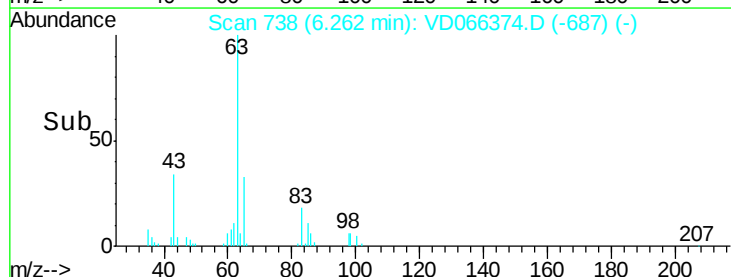
10000

5000

0

Time-->

6.20 6.30 6.40





#25

2-Butanone

Concen: 87.224 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 35842

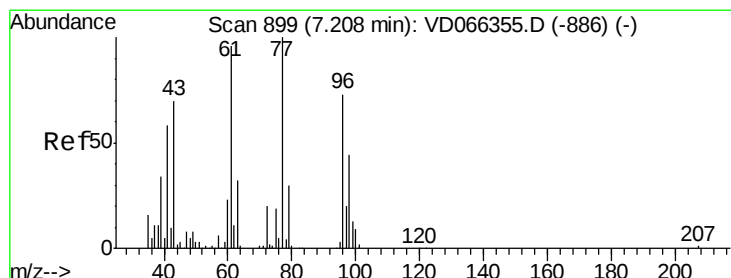
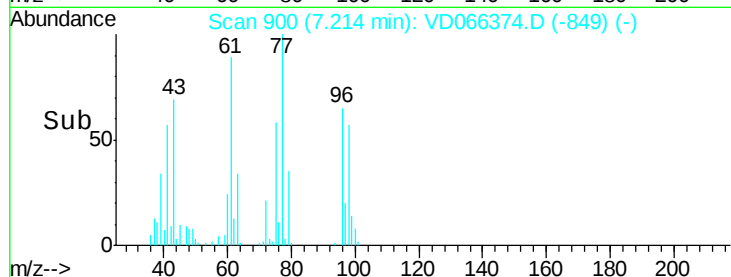
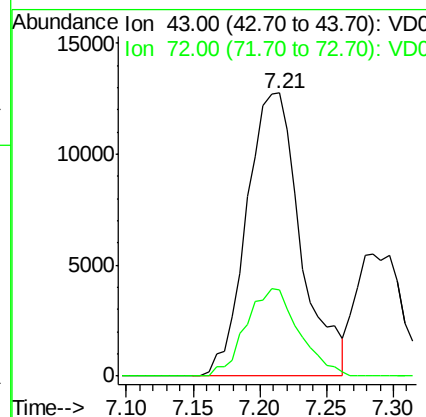
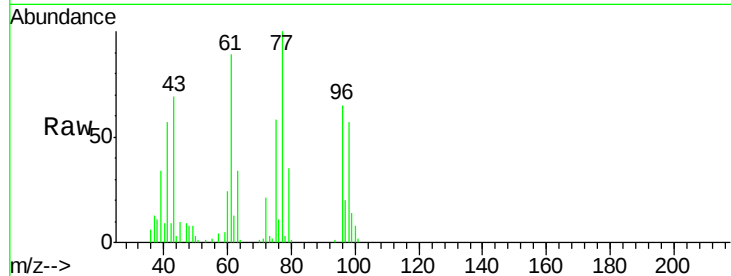
Ion Ratio Lower Upper

43 100

72 30.6 22.5 33.7

Manual Integrations
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8/25/2020 3:32:53 PM



#26

2,2-Dichloropropane

Concen: 18.897 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066374.D

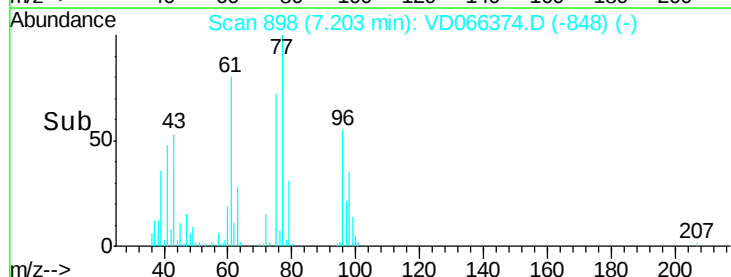
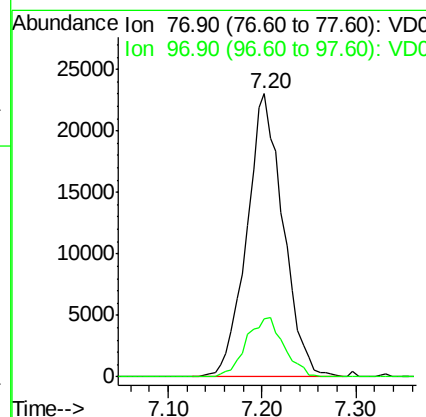
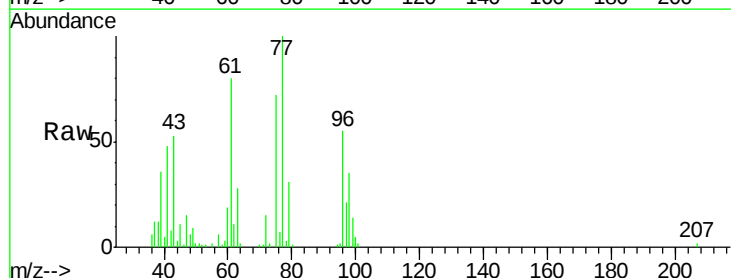
Acq: 24 Aug 2020 12:01

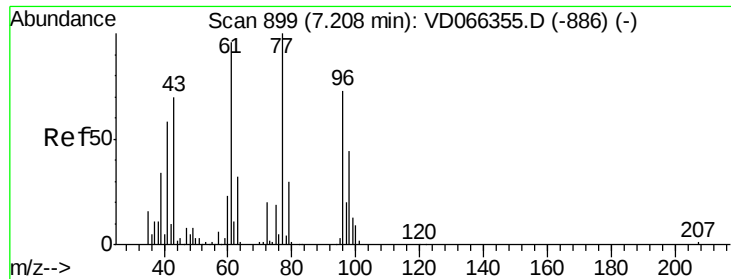
Tgt Ion: 77 Resp: 61738

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9





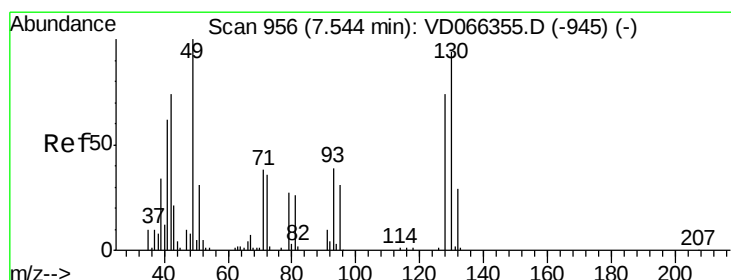
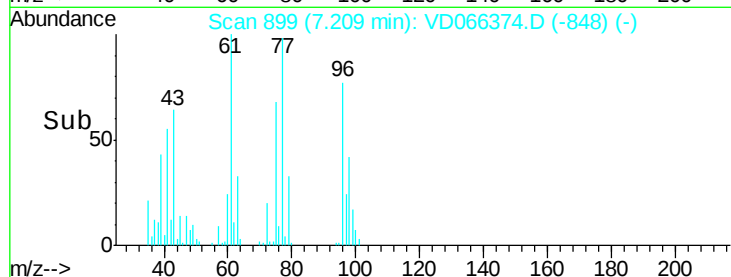
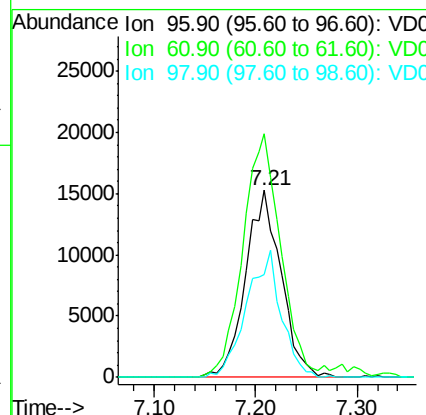
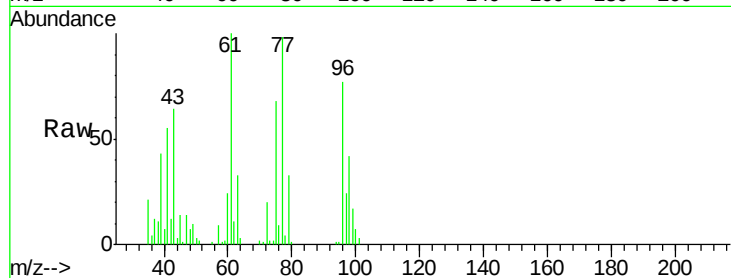
#27
 cis-1,2-Dichloroethene
 Concen: 17.893 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	281.4
98	65.7	0.0	132.2

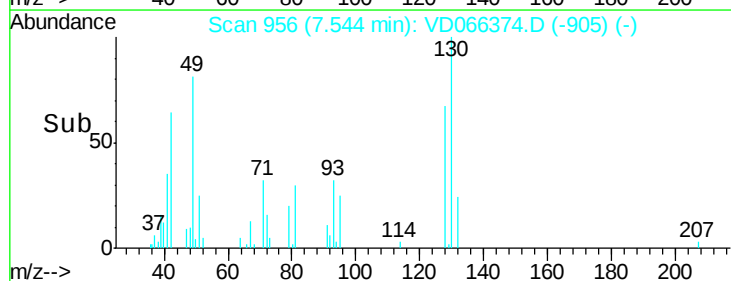
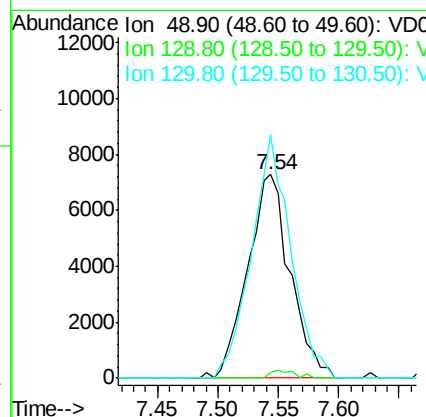
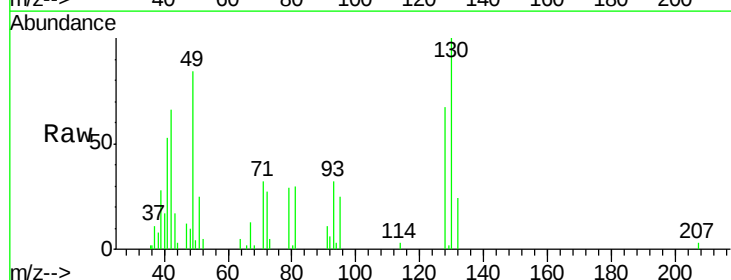
Manual Integrations
 APPROVED

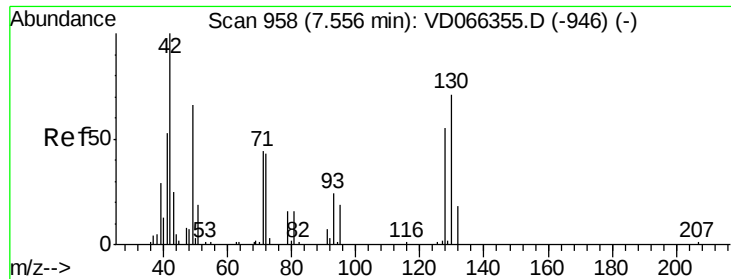
MMDadoda
 8/25/2020 3:32:53 PM



#28
 Bromochloromethane
 Concen: 16.912 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.0
130	110.5	82.6	124.0





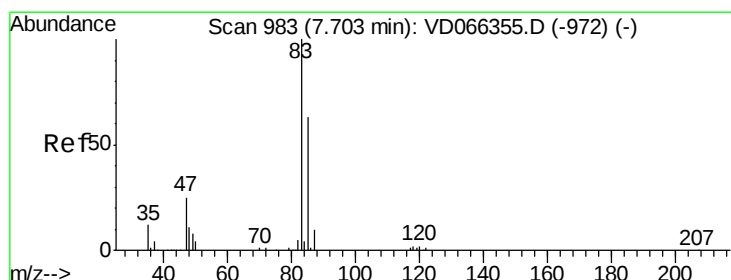
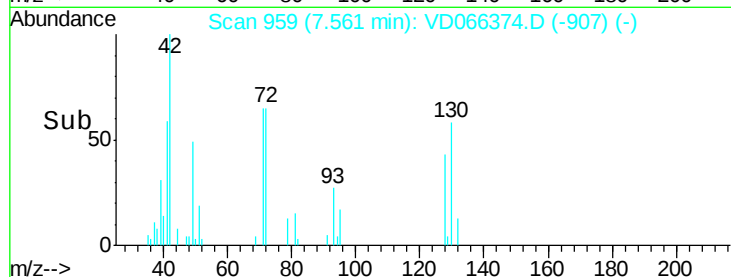
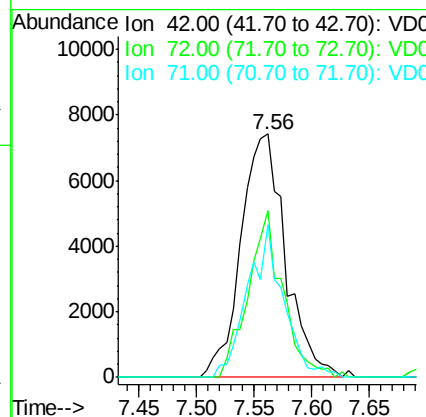
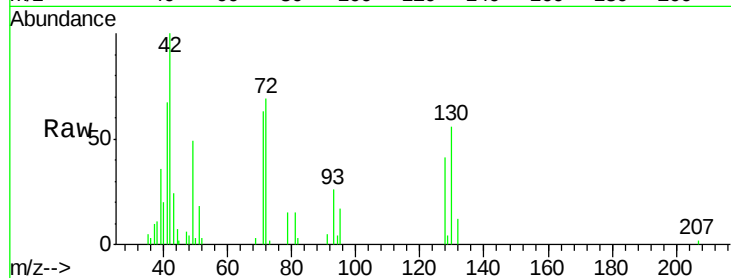
#29
Tetrahydrofuran
Concen: 85.494 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.5	41.0	61.4
71	50.1	37.2	55.8

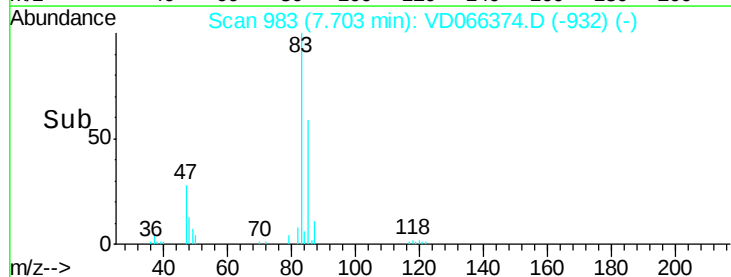
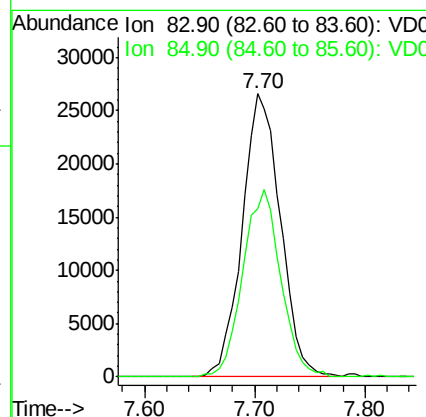
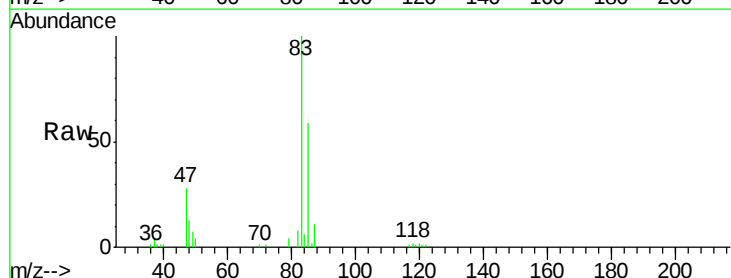
Manual Integrations
APPROVED

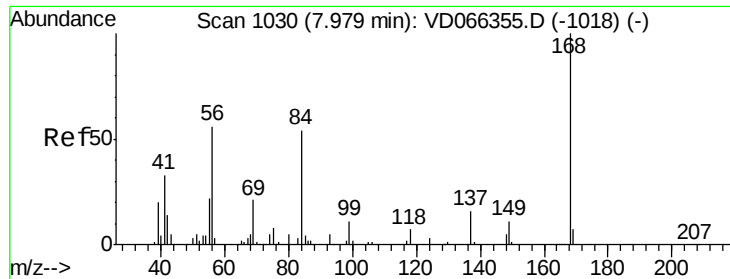
MMDadoda
8/25/2020 3:32:53 PM



#30
Chloroform
Concen: 18.366 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.2	50.3	75.5





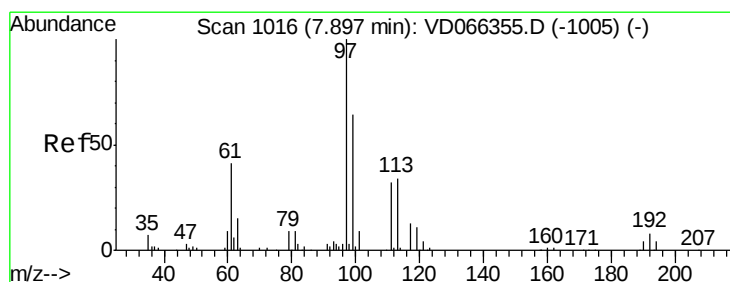
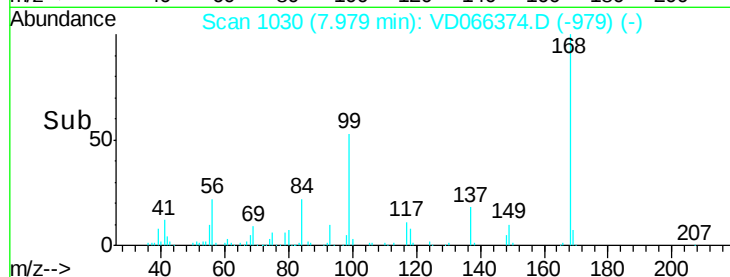
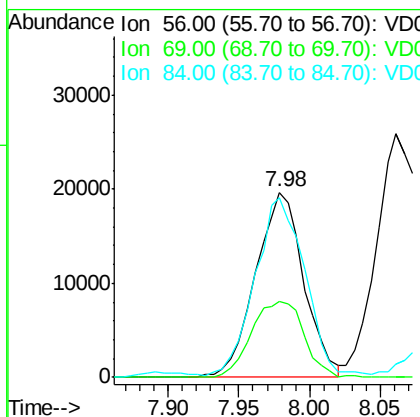
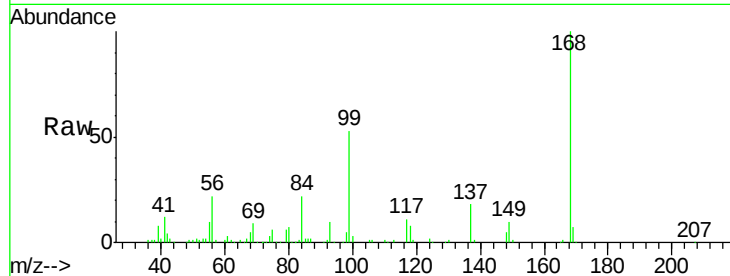
#31
Cyclohexane
Concen: 16.857 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		46993		
69	41.1	29.6		44.4	
84	95.1	76.6		115.0	

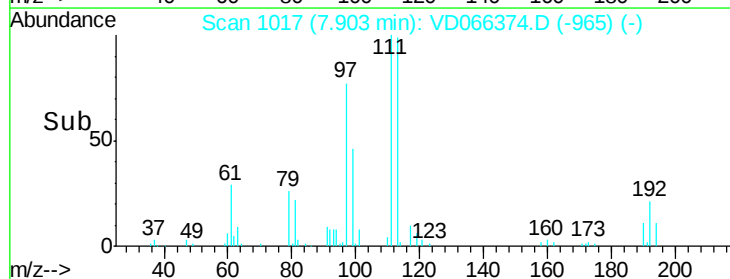
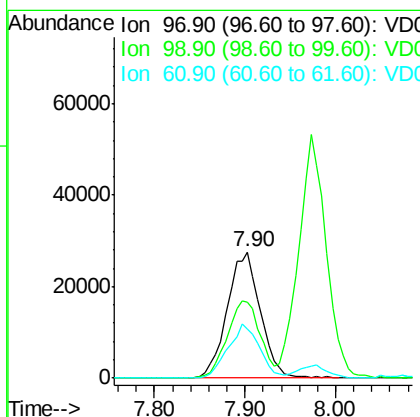
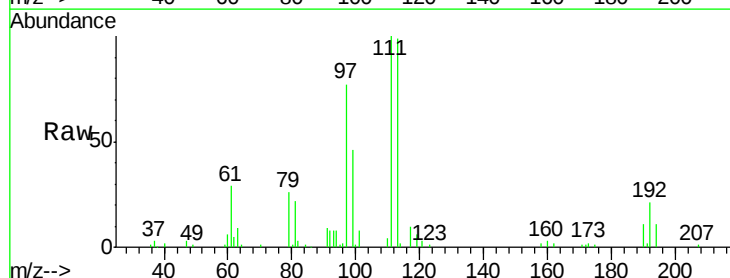
Manual Integrations
APPROVED

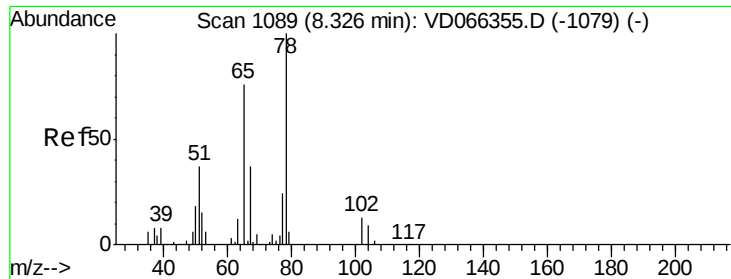
MMDadoda
8/25/2020 3:32:53 PM



#32
1,1,1-Trichloroethane
Concen: 19.307 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		69688		
99	61.1	51.5		77.3	
61	40.8	33.3		49.9	





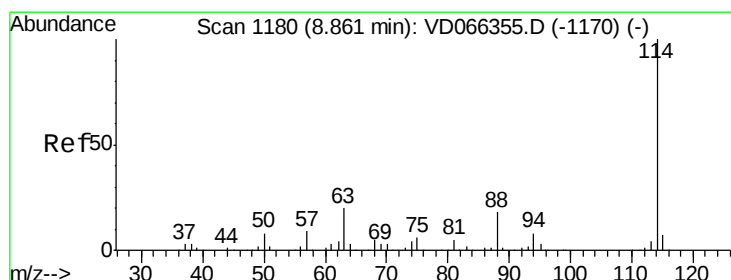
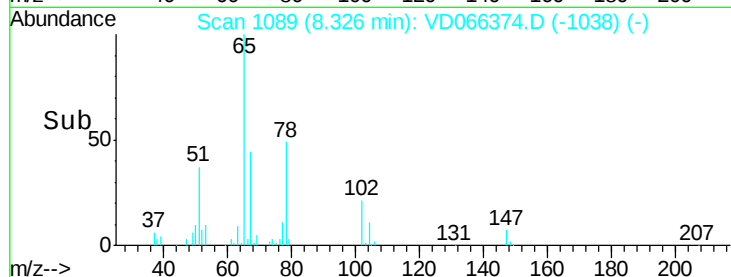
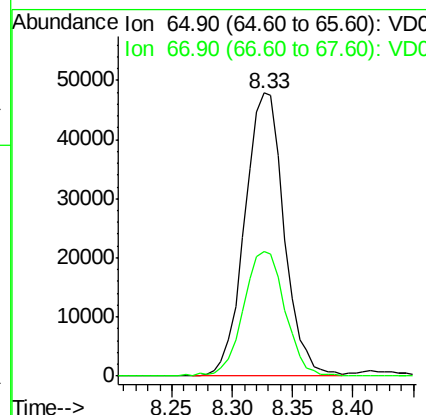
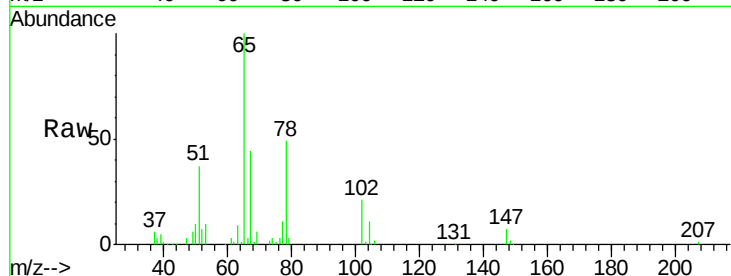
#33
 1,2-Dichloroethane-d4
 Concen: 54.236 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108893		
67	46.4	0.0	101.6	

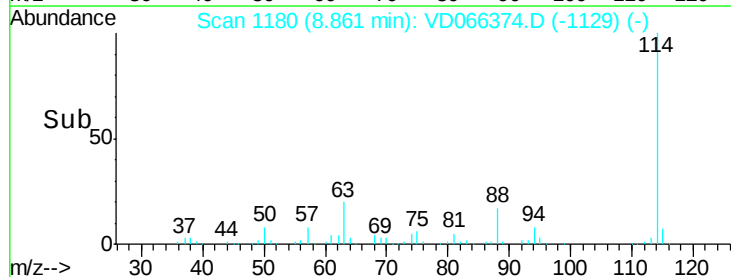
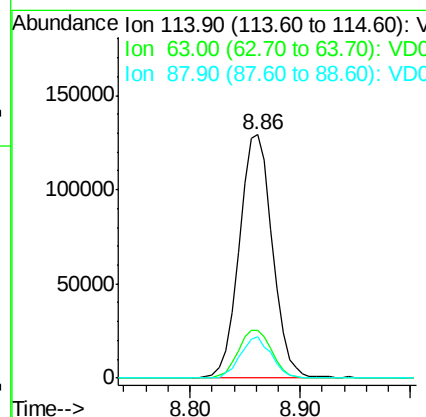
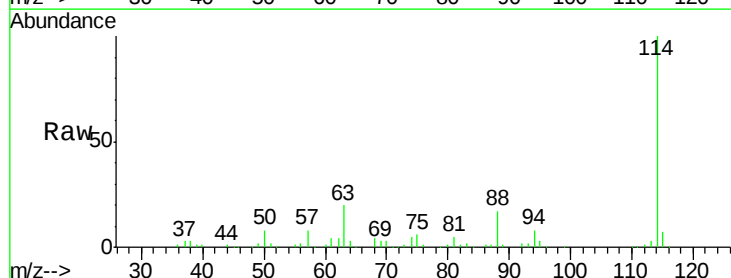
Manual Integrations
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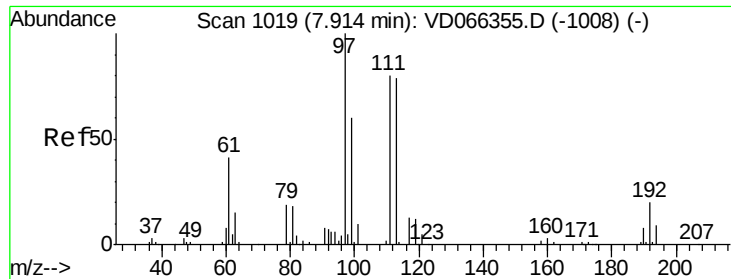
MMDadoda
 8/25/2020 3:32:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	273010		
63	19.8	0.0	40.8	
88	17.2	0.0	35.4	





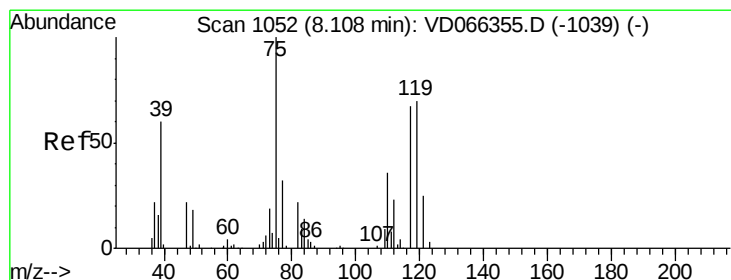
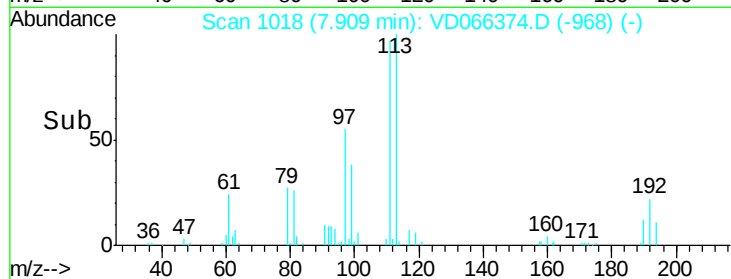
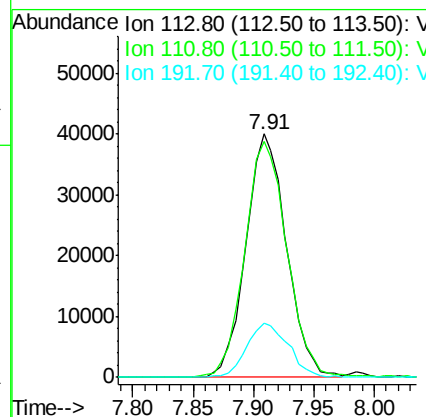
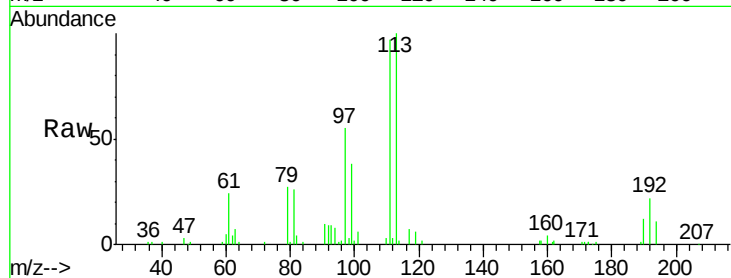
#35
Dibromofluoromethane
Concen: 54.991 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93878		
111	101.0		80.3	120.5
192	22.8		19.0	28.6

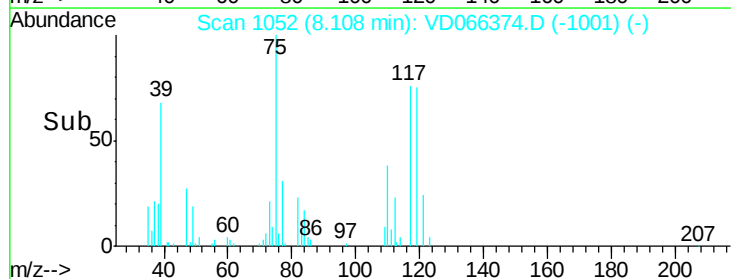
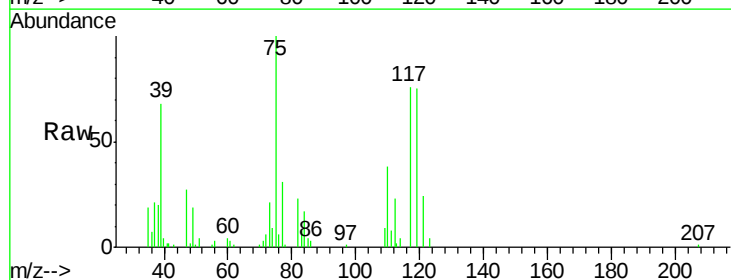
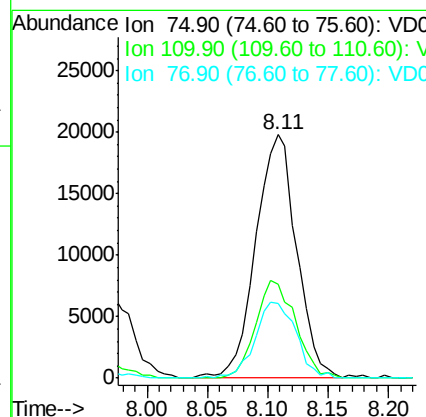
Manual Integrations
APPROVED

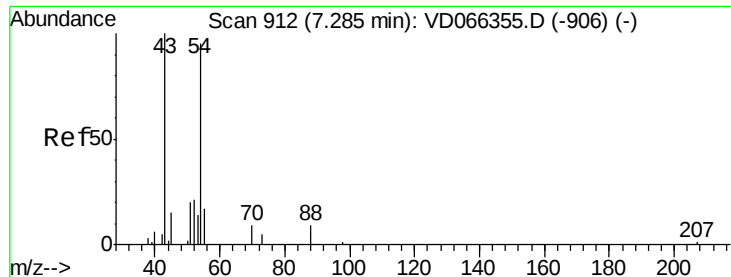
MMDadoda
8/25/2020 3:32:53 PM



#36
1,1-Dichloropropene
Concen: 18.614 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46368		
110	39.1		18.7	56.1
77	31.4		25.2	37.8





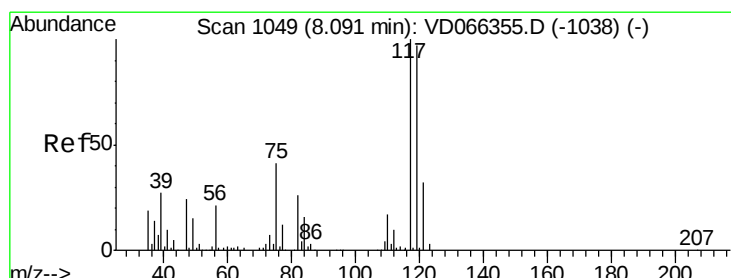
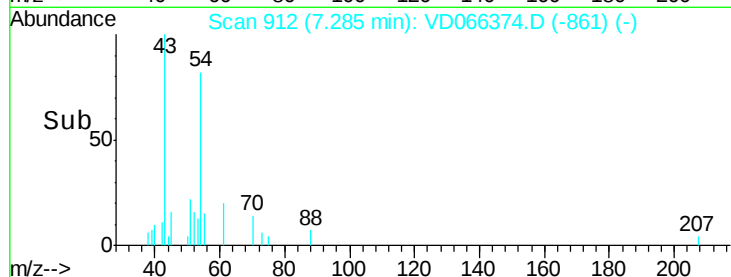
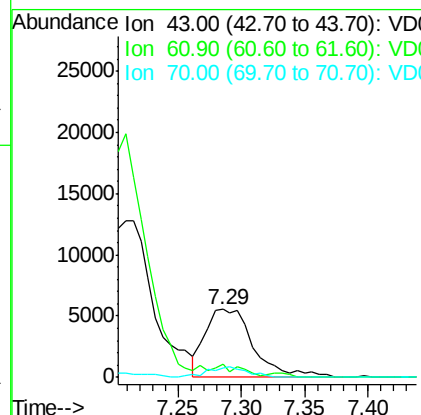
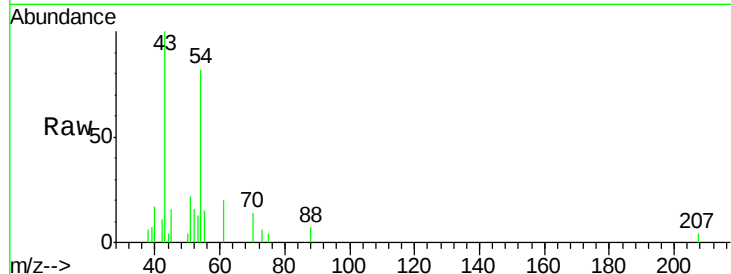
#37
Ethyl Acetate
Concen: 17.293 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.3	19.9#
70	13.1	3.5	5.3#

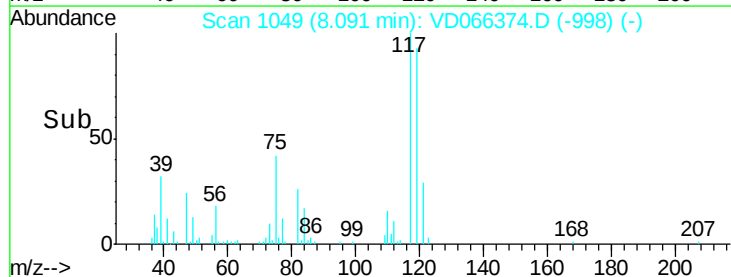
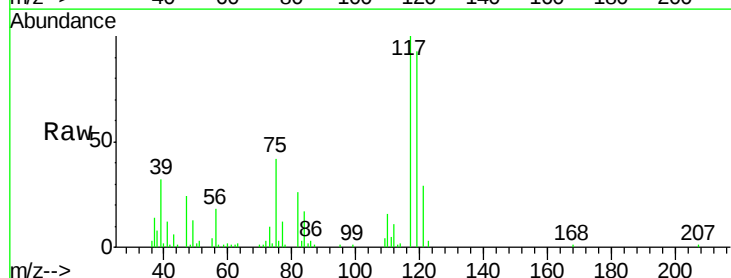
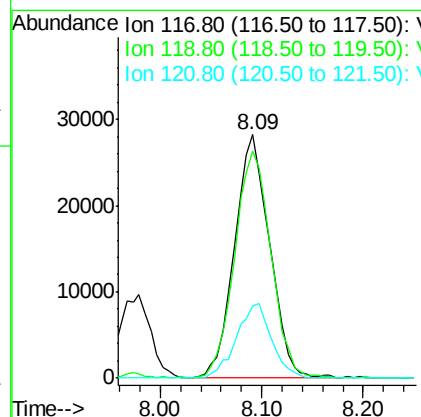
Manual Integrations
APPROVED

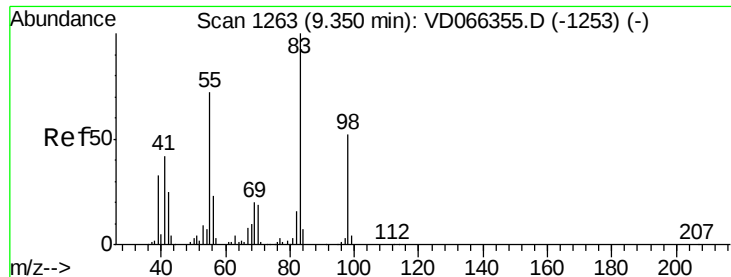
MMDadoda
8/25/2020 3:32:53 PM



#38
Carbon Tetrachloride
Concen: 20.863 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.2	115.8
121	29.4	25.8	38.8





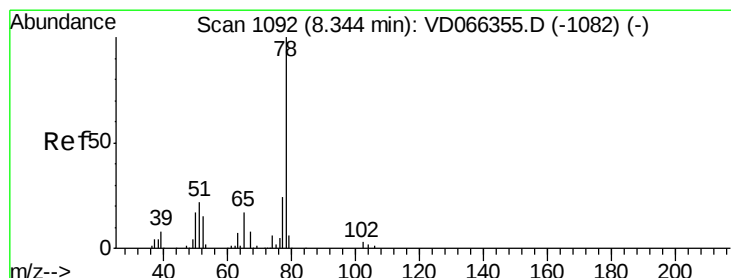
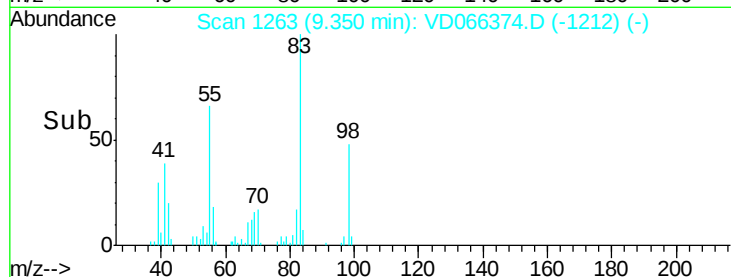
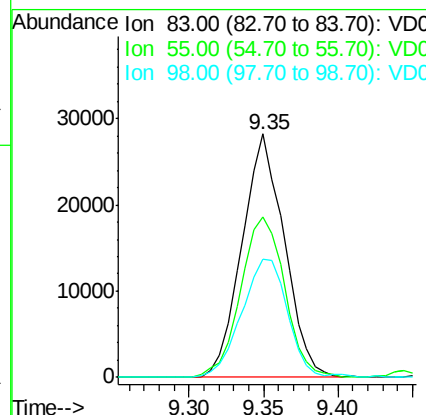
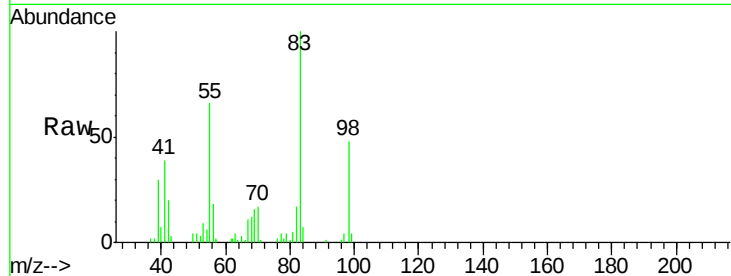
#39
Methvlcvclohexane
Concen: 18.891 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.8	58.0	87.0
98	48.3	41.9	62.9

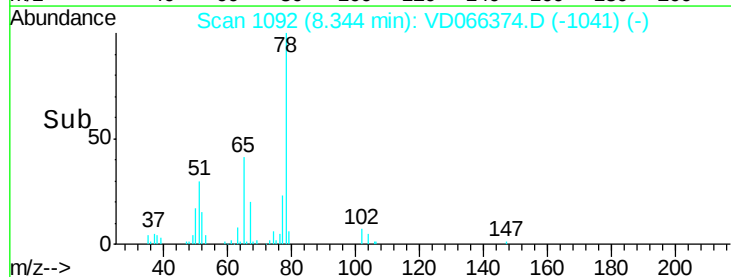
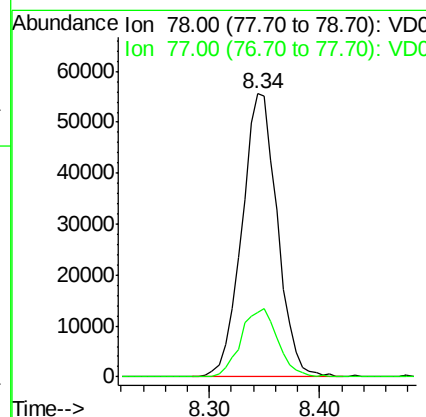
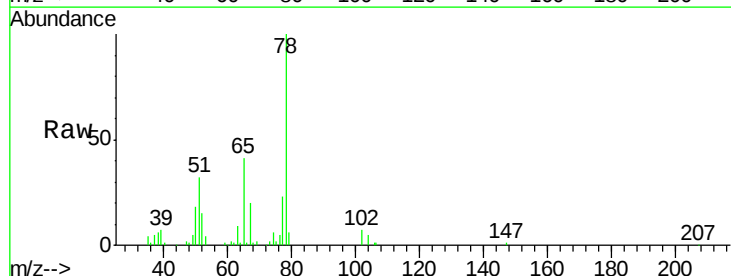
Manual Integrations
APPROVED

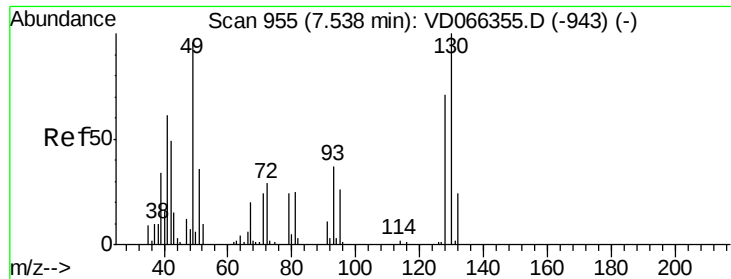
MMDadoda
8/25/2020 3:32:53 PM



#40
Benzene
Concen: 19.153 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2





#41

Methacrylonitrile

Concen: 19.524 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 41 Resp: 10201

Ion Ratio Lower Upper

41 100

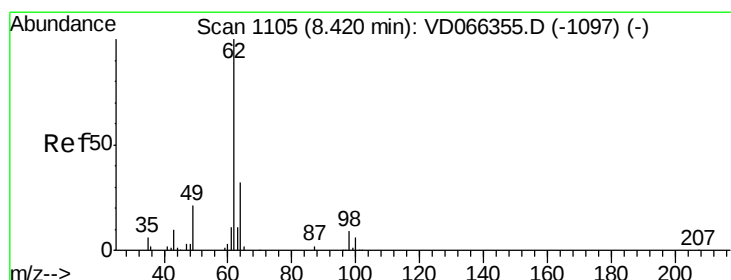
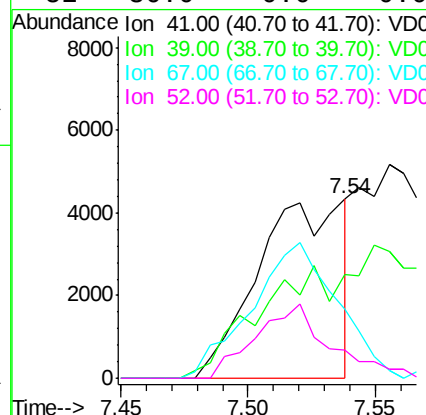
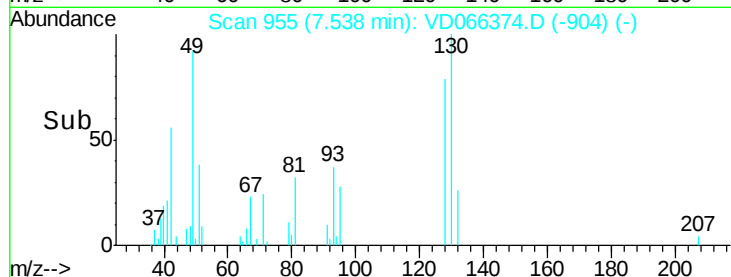
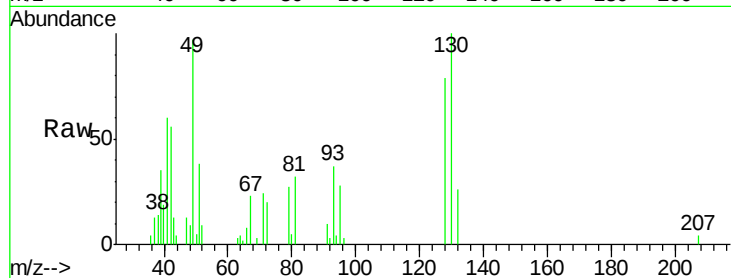
39 53.0 51.8 77.8

67 76.4 0.0 0.0#

52 36.0 0.0 0.0#

Manual Integrations
APPROVED

MMDadoda
8/25/2020 3:32:53 PM



#42

1,2-Dichloroethane

Concen: 20.355 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066374.D

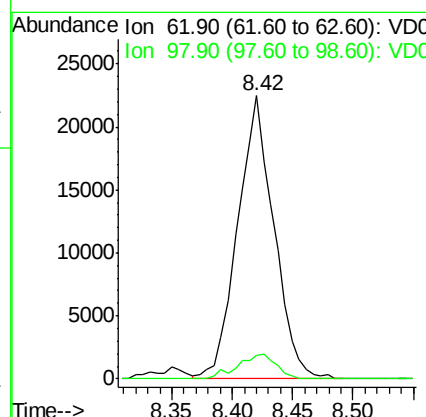
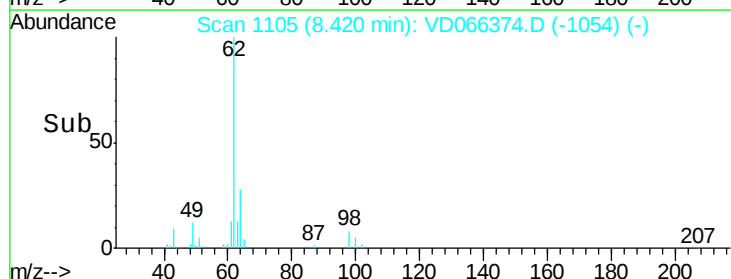
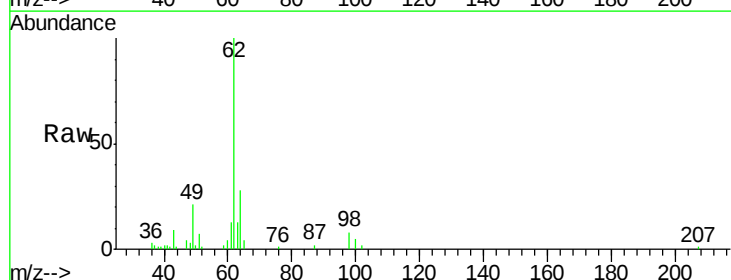
Acq: 24 Aug 2020 12:01

Tgt Ion: 62 Resp: 46980

Ion Ratio Lower Upper

62 100

98 9.2 0.0 16.2





#43

Isopropyl Acetate

Concen: 17.789 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

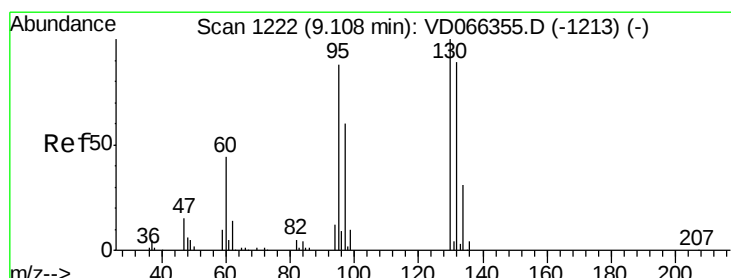
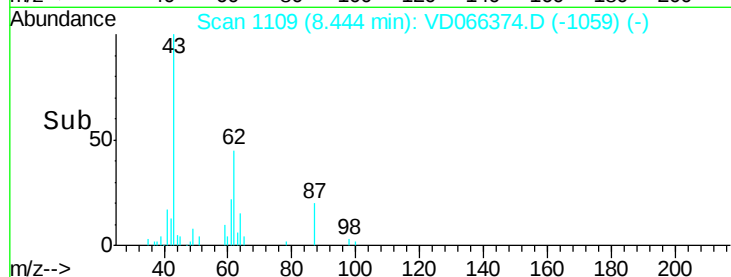
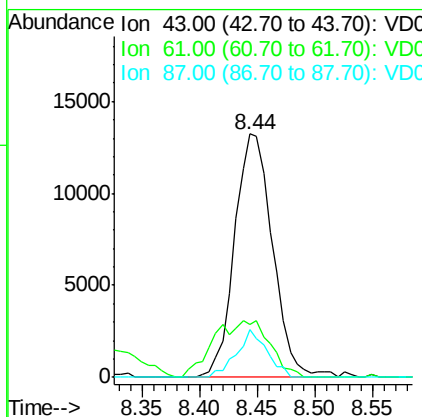
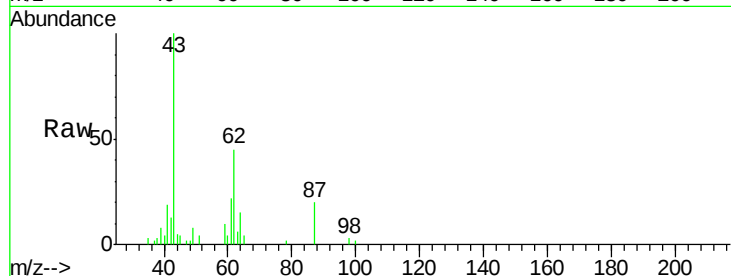
ClientSampleId :

VD0824SBS01

Tot Ion:	43	Resp:	30250
Ion	Ratio	Lower	Upper
43	100		
61	34.5	26.5	39.7
87	15.7	11.9	17.9

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#44

Trichloroethene

Concen: 19.302 ug/l

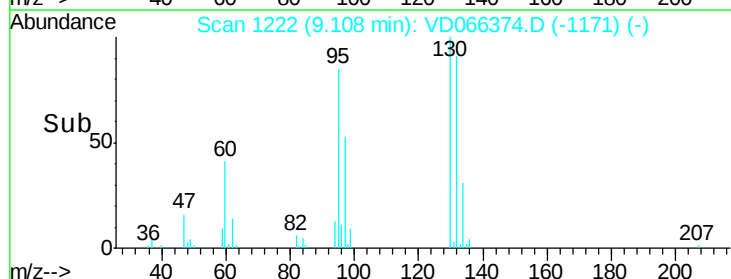
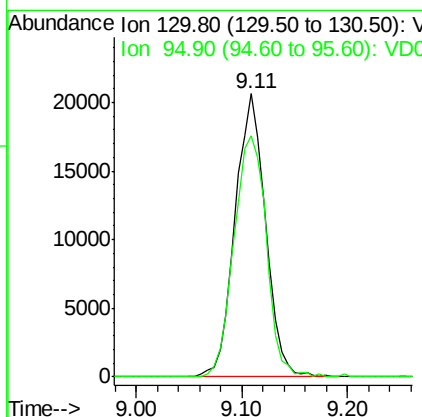
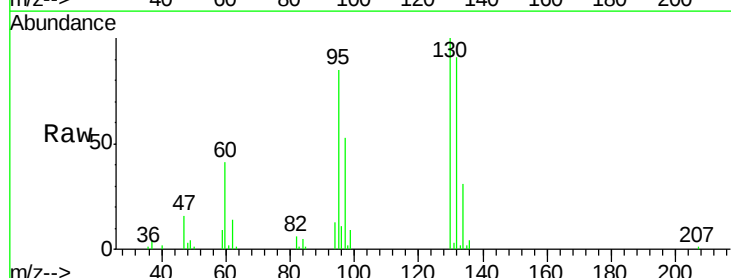
RT: 9.11 min Scan# 1222

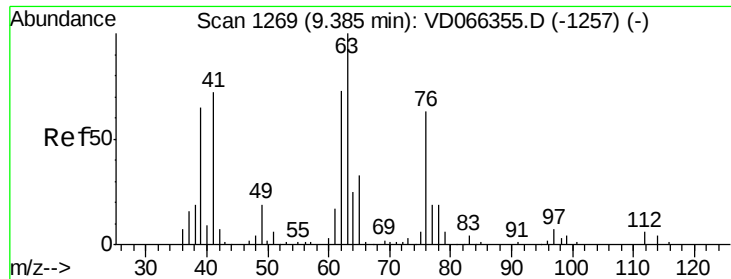
Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	130	Resp:	41102
Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	175.6





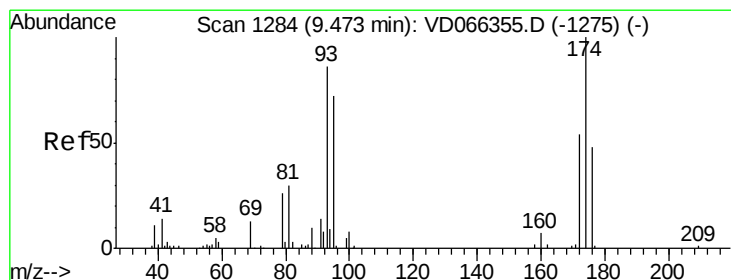
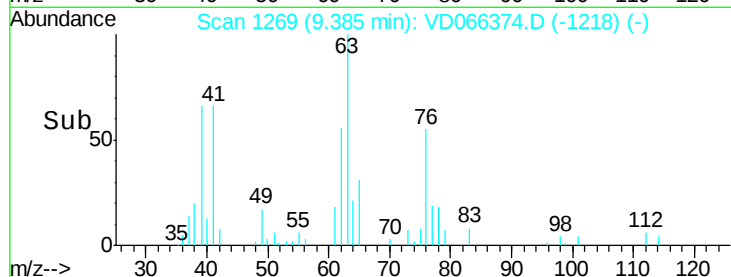
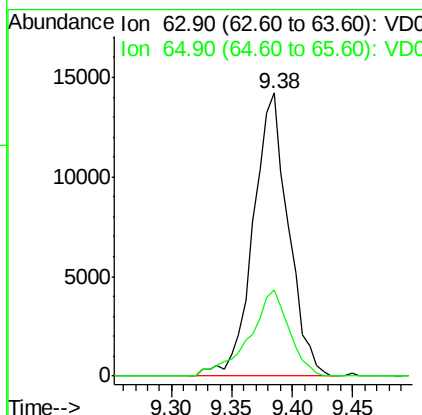
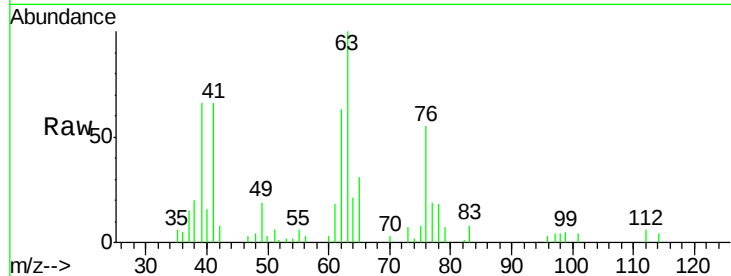
#45
 1,2-Dichloropropane
 Concen: 19.365 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion: 63 Resp: 28769
 Ion Ratio Lower Upper
 63 100
 65 30.6 26.4 39.6

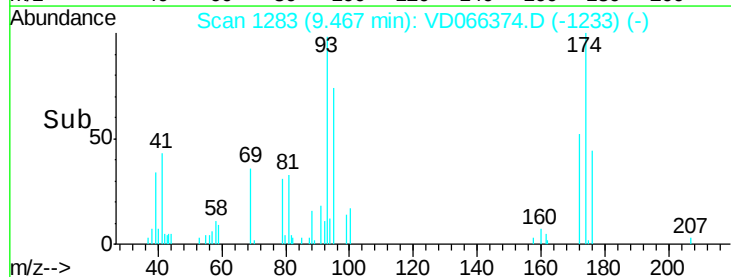
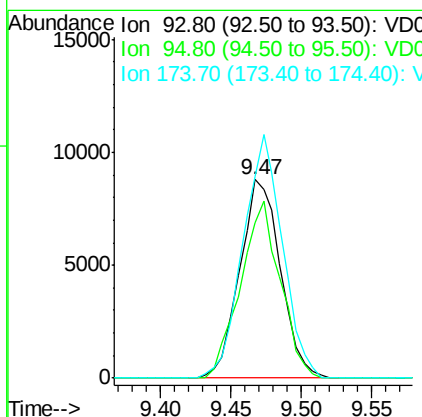
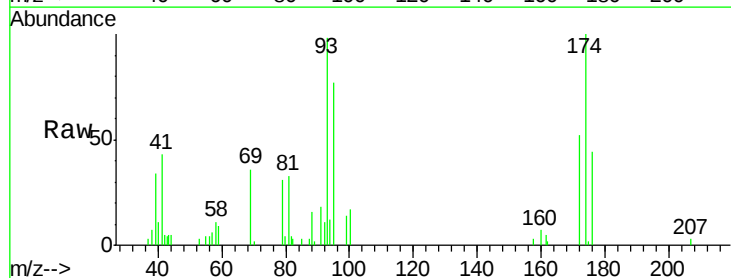
Manual Integrations
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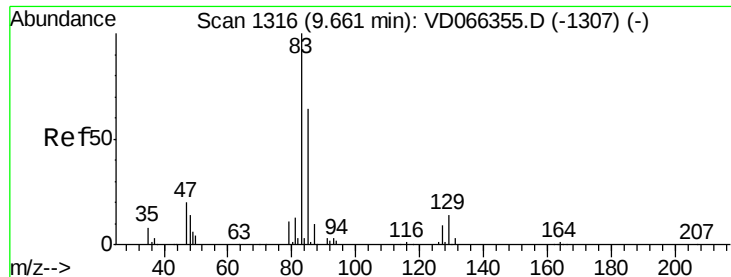
MMDadoda
 8/25/2020 3:32:53 PM



#46
 Dibromomethane
 Concen: 19.266 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion: 93 Resp: 17821
 Ion Ratio Lower Upper
 93 100
 95 86.5 66.0 99.0
 174 118.5 94.6 141.8





#47

Bromodichloromethane

Concen: 19.117 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

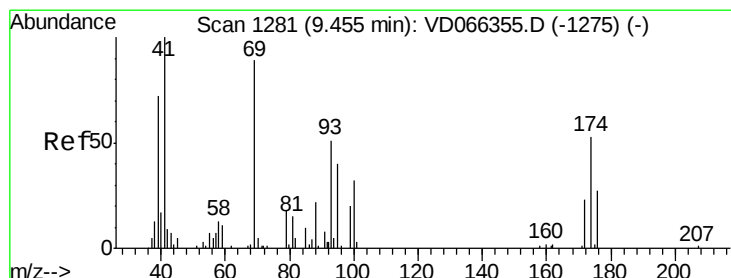
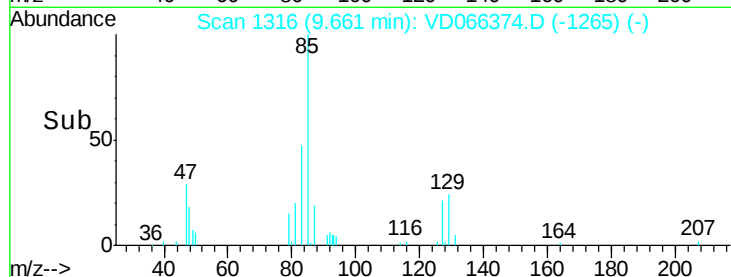
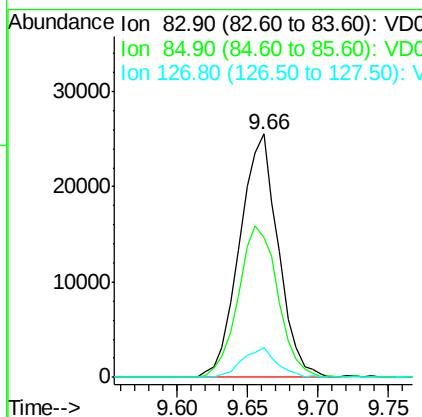
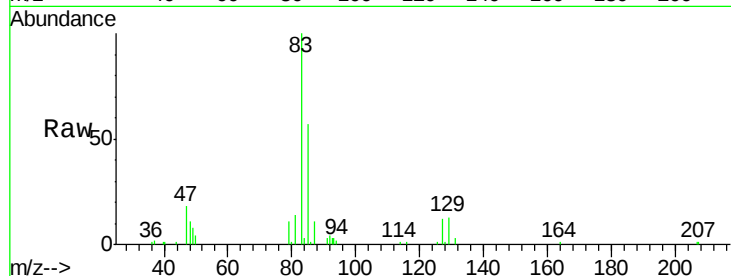
ClientSampleId :

VD0824SBS01

Tot Ion:	83	Resp:	48630
Ion	Ratio	Lower	Upper
83	100		
85	57.3	51.4	77.0
127	12.1	7.4	11.0#

Manual Integrations
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8/25/2020 3:32:53 PM



#48

Methyl methacrylate

Concen: 17.462 ug/l

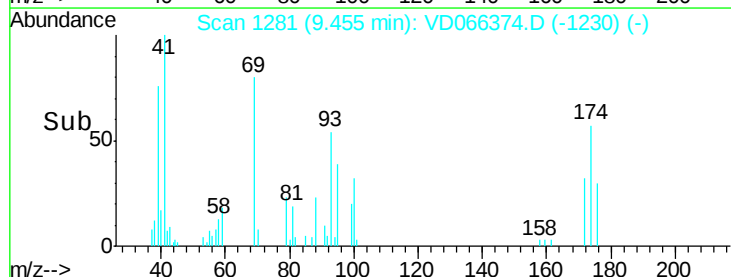
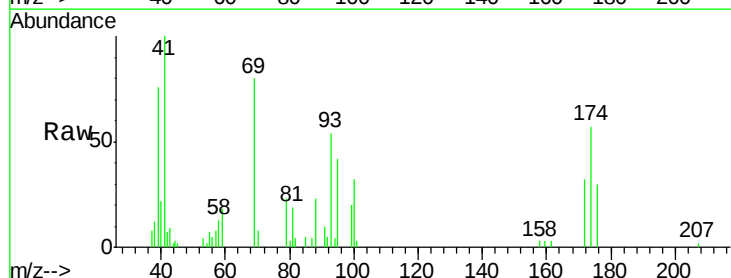
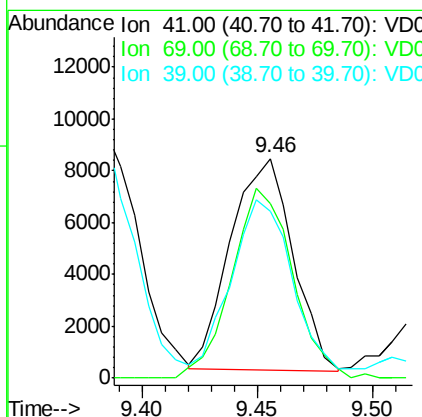
RT: 9.46 min Scan# 1281

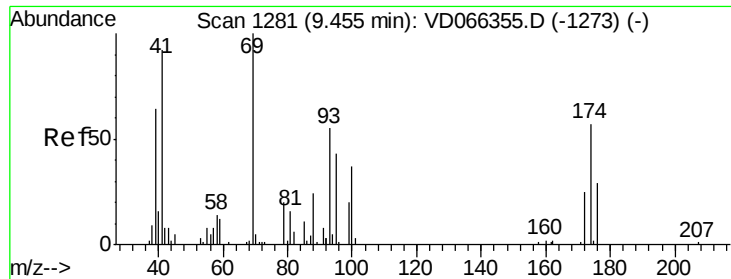
Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	41	Resp:	15313
Ion	Ratio	Lower	Upper
41	100		
69	88.3	75.5	113.3
39	77.1	57.0	85.4





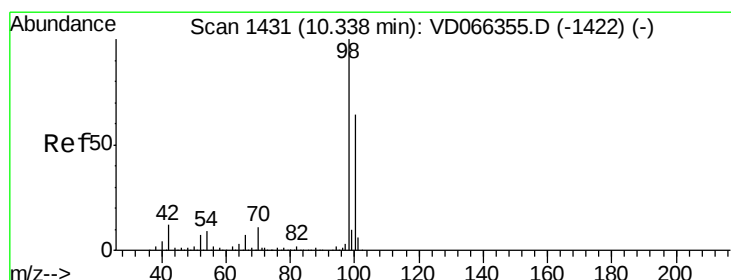
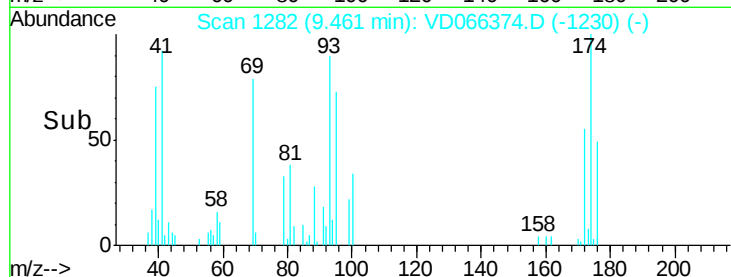
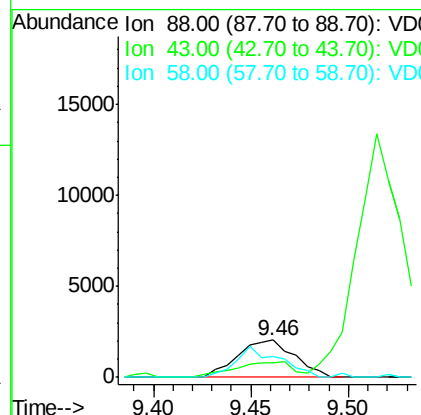
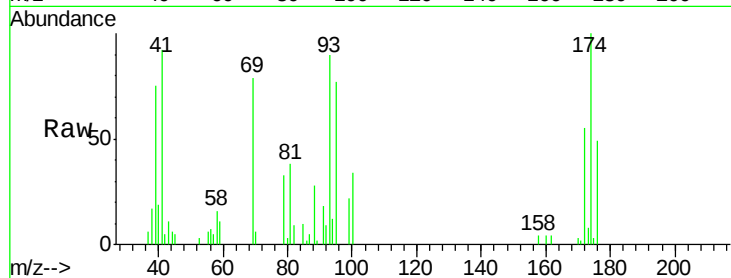
#49
1,4-Dioxane
Concen: 383.593 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	4120		
43	43.5	29.4	44.0	
58	63.5	45.4	68.2	

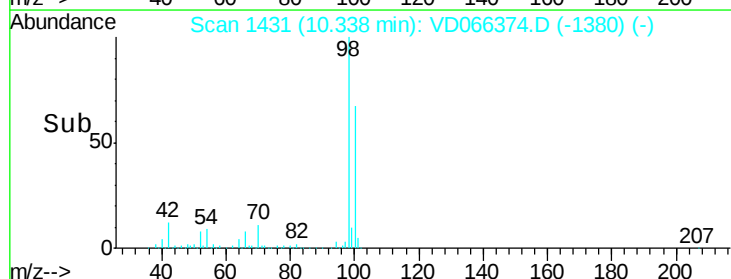
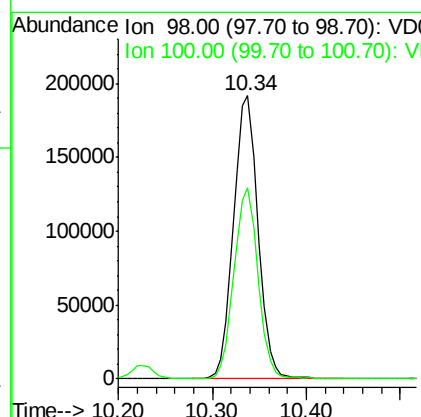
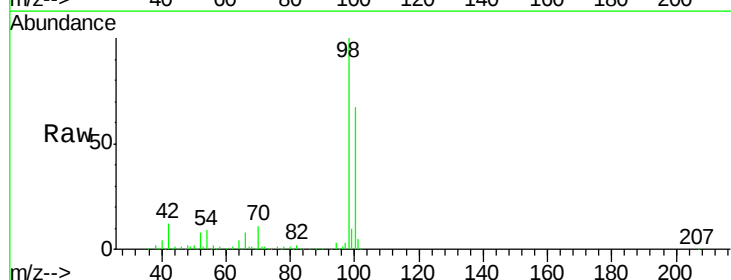
Manual Integrations
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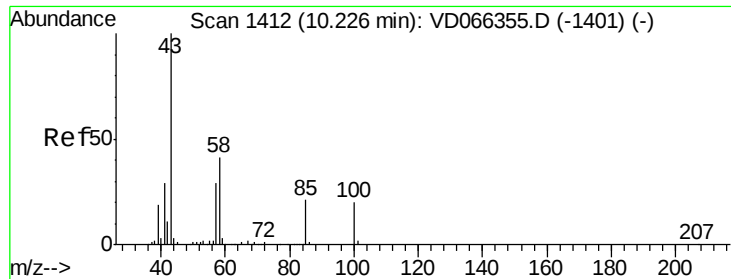
MMDadoda
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#50
Toluene-d8
Concen: 55.797 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	348525		
100	66.3	53.0	79.4	





#51

4-Methyl-2-Pentanone

Concen: 89.147 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 73337

Ion Ratio Lower Upper

43 100

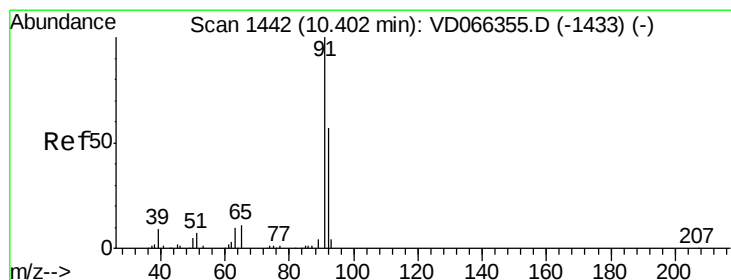
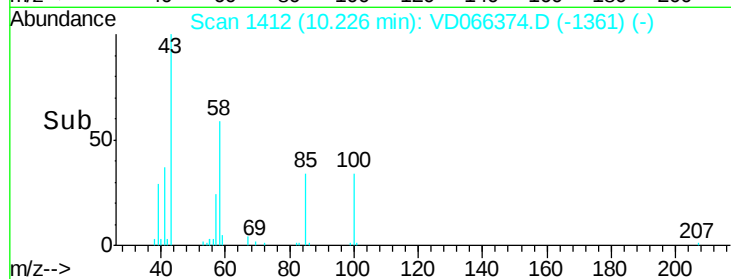
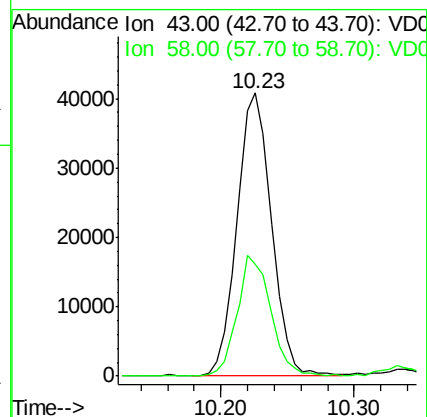
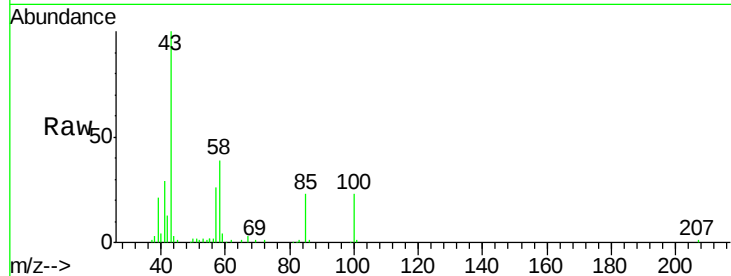
58 41.5 31.4 47.2

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#52

Toluene

Concen: 19.925 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066374.D

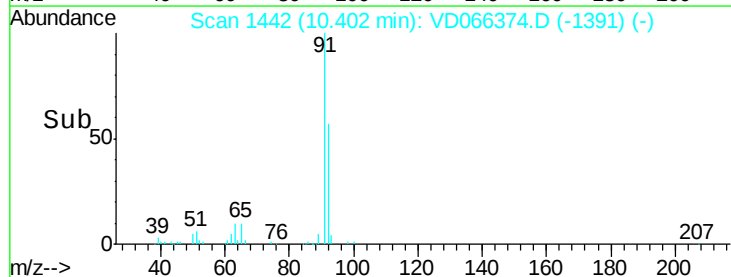
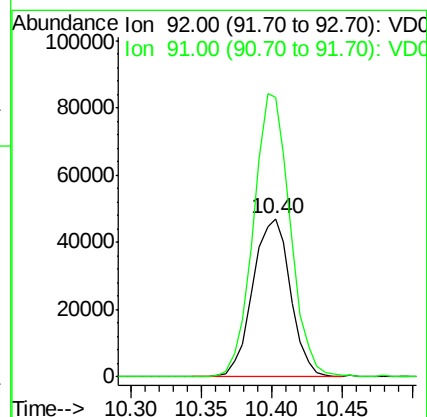
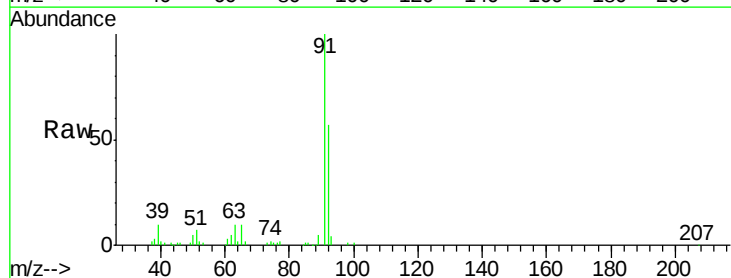
Acq: 24 Aug 2020 12:01

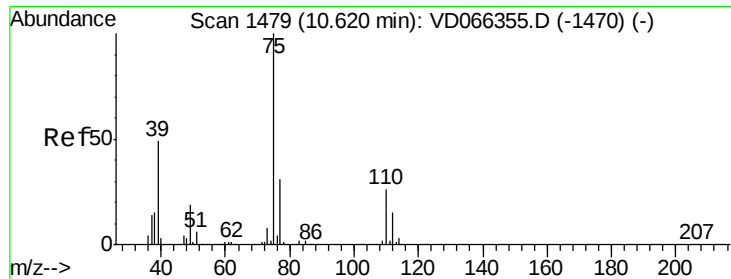
Tgt Ion: 92 Resp: 88460

Ion Ratio Lower Upper

92 100

91 174.6 135.8 203.6





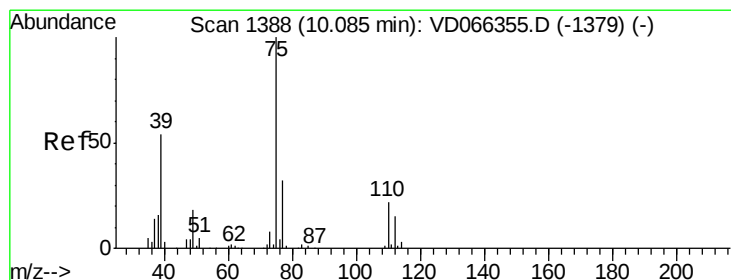
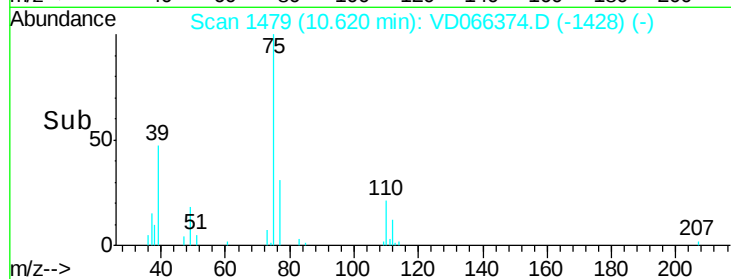
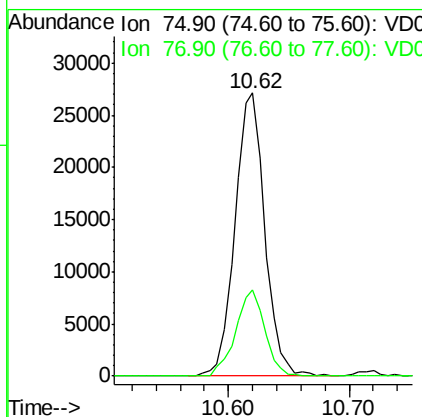
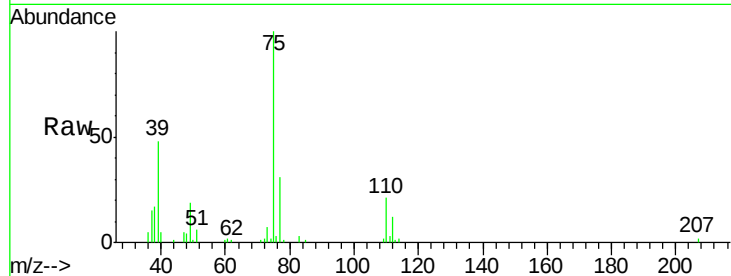
#53
t-1,3-Dichloropropene
Concen: 19.321 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion: 75 Resp: 46635
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

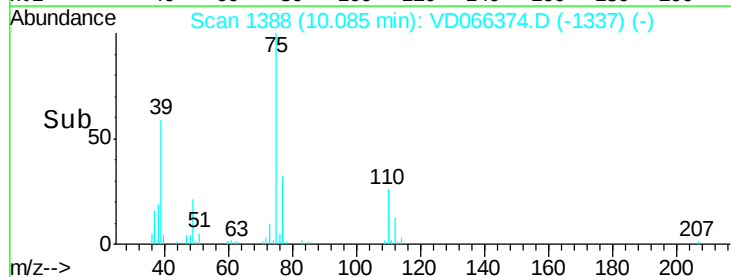
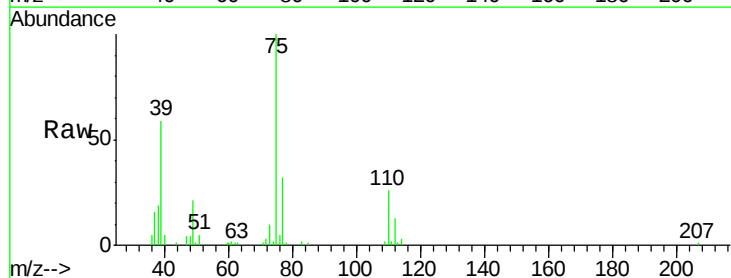
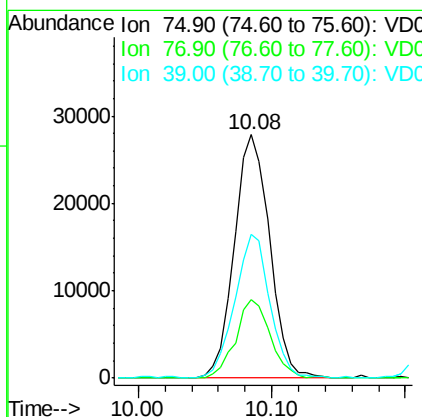
Manual Integrations
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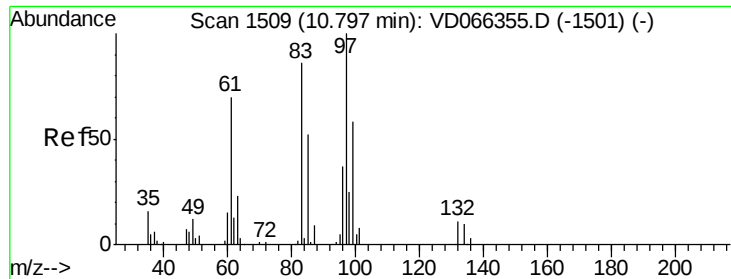
MMDadoda
8/25/2020 3:32:53 PM



#54
cis-1,3-Dichloropropene
Concen: 18.888 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion: 75 Resp: 51174
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 59.2 43.4 65.0





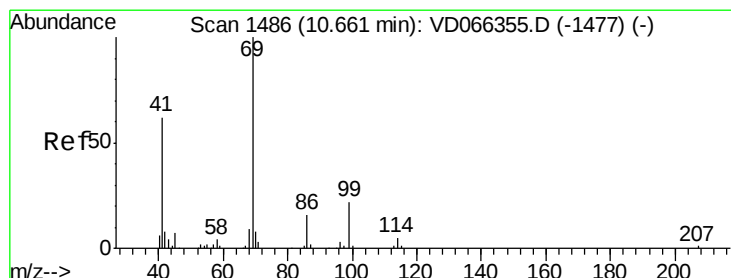
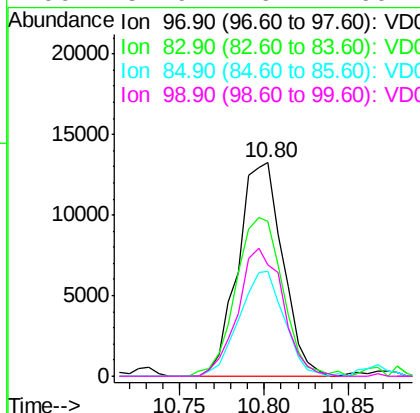
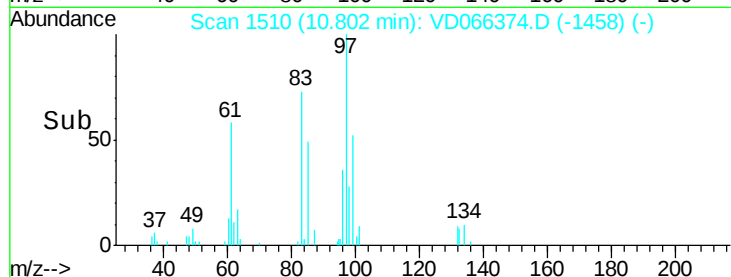
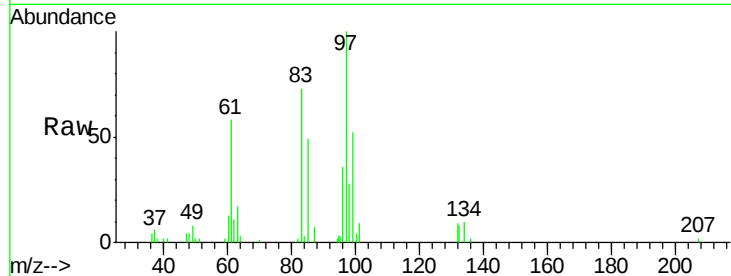
#55
 1,1,2-Trichloroethane
 Concen: 19.447 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion:	97	Resp:	24352
Ion	Ratio	Lower	Upper
97	100		
83	72.8	68.4	102.6
85	49.3	41.3	61.9
99	51.9	46.1	69.1

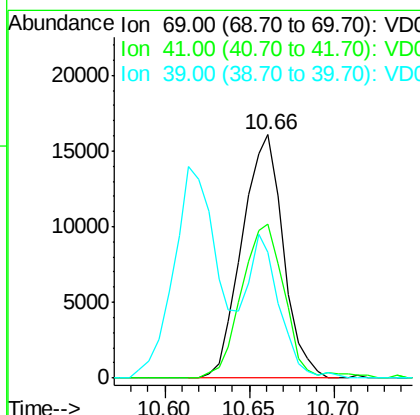
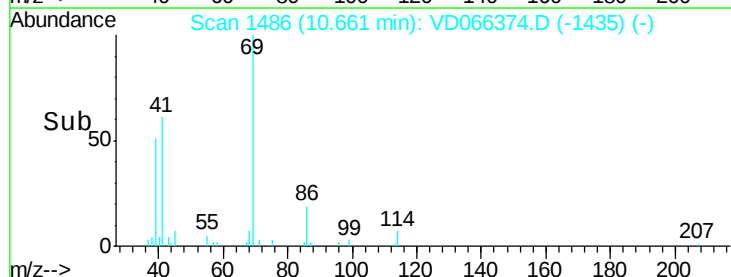
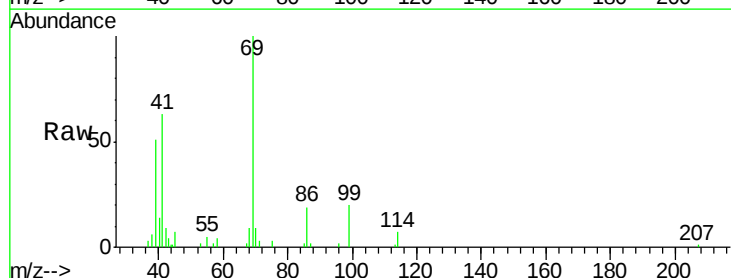
Manual Integrations
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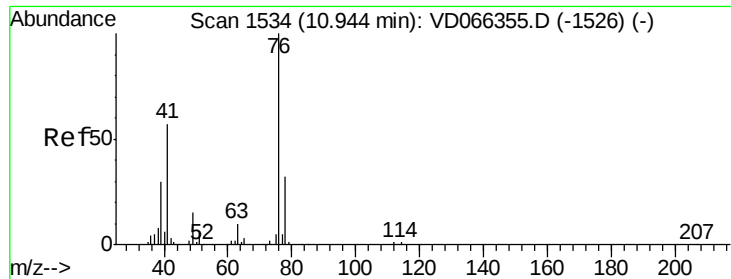
MMDadoda
 8/25/2020 3:32:53 PM



#56
 Ethyl methacrylate
 Concen: 18.781 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion:	69	Resp:	27225
Ion	Ratio	Lower	Upper
69	100		
41	66.5	50.8	76.2
39	44.2	32.9	49.3





#57

1,3-Dichloropropane

Concen: 19.102 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 76 Resp: 39566

Ion Ratio Lower Upper

76 100

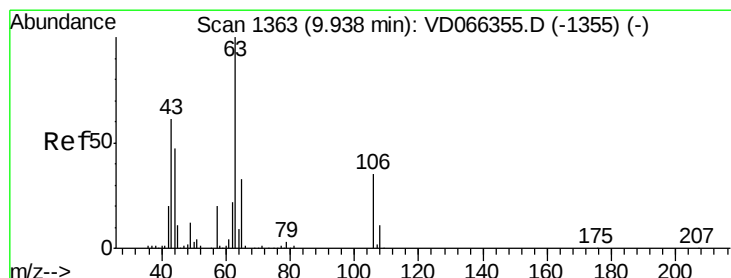
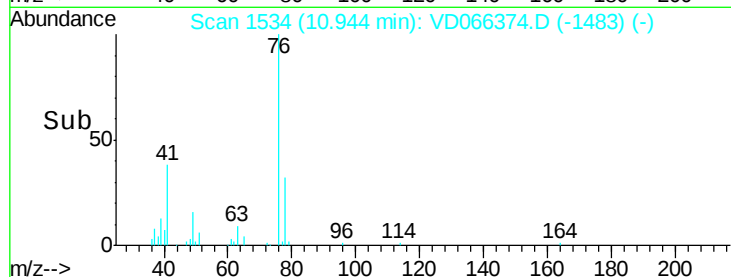
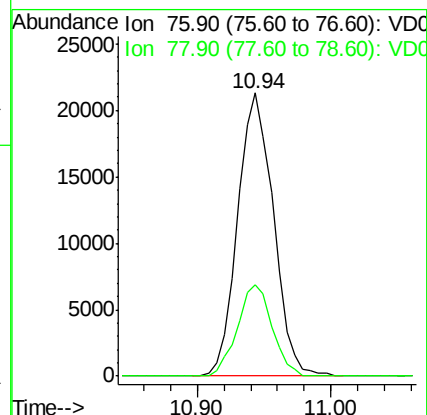
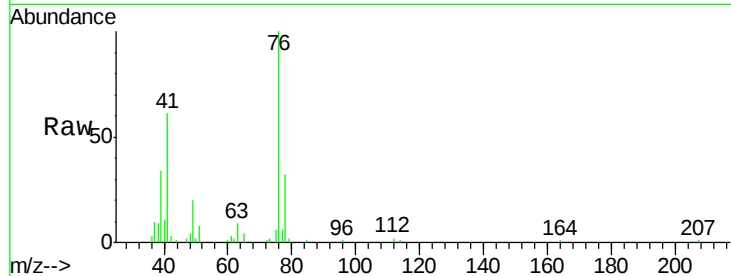
78 31.3 25.6 38.4

Manual Integrations

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8/25/2020 3:32:53 PM



#58

2-Chloroethyl Vinyl ether

Concen: 104.668 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066374.D

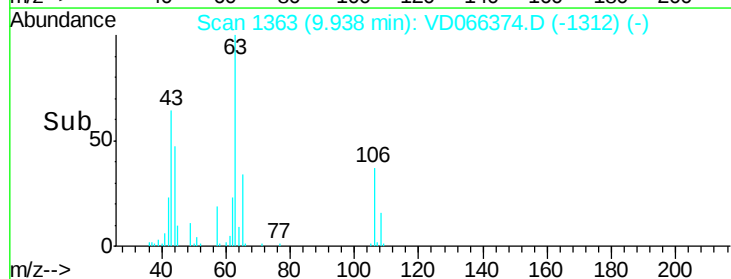
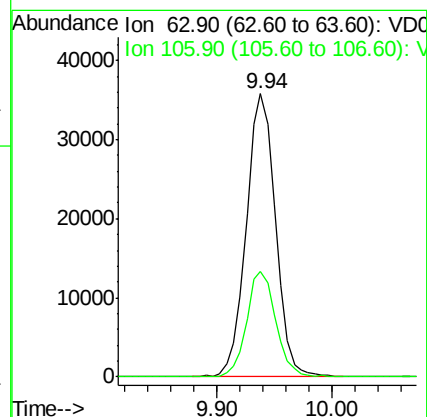
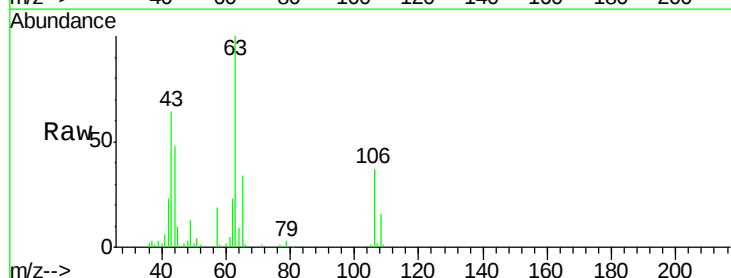
Acq: 24 Aug 2020 12:01

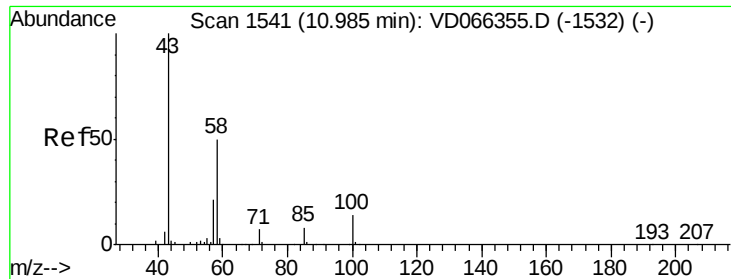
Tgt Ion: 63 Resp: 63016

Ion Ratio Lower Upper

63 100

106 37.0 27.1 40.7





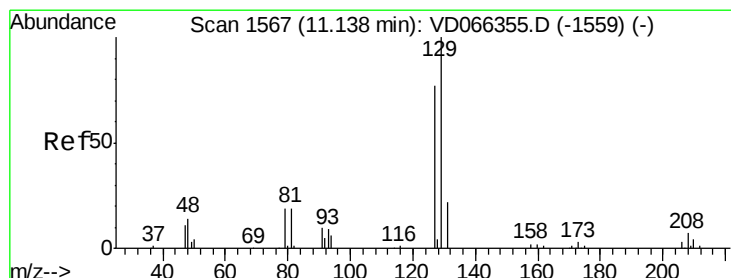
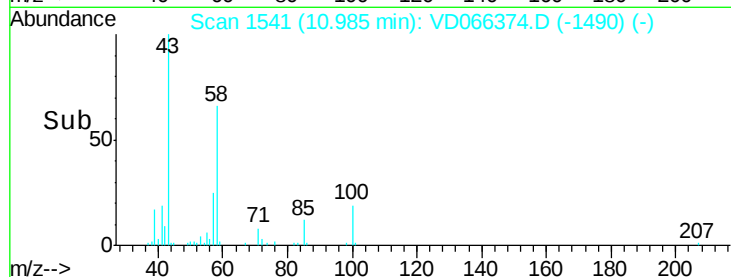
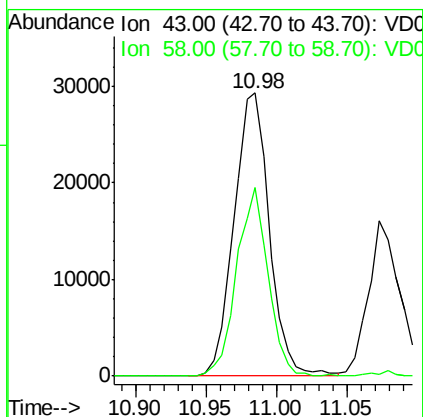
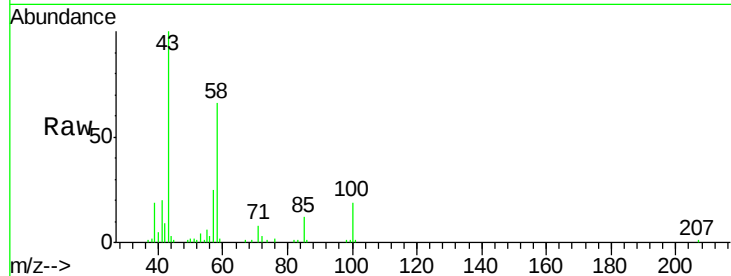
#59
2-Hexanone
Concen: 88.257 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	43	Resp	51213
Ion Ratio	100	Lower	Upper
43	100		
58	59.1	26.3	78.8

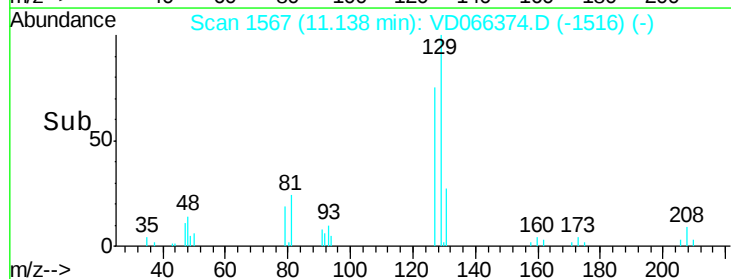
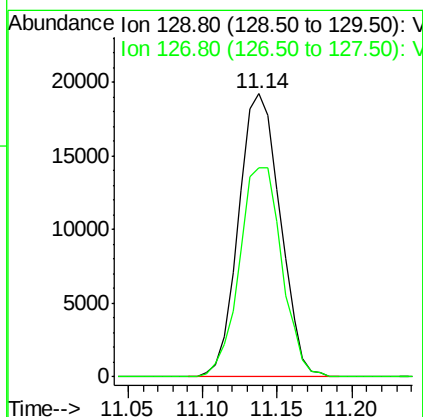
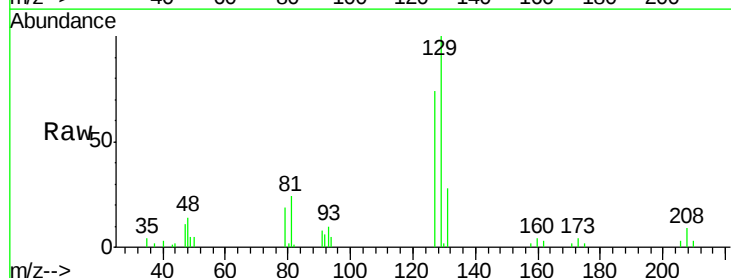
Manual Integrations
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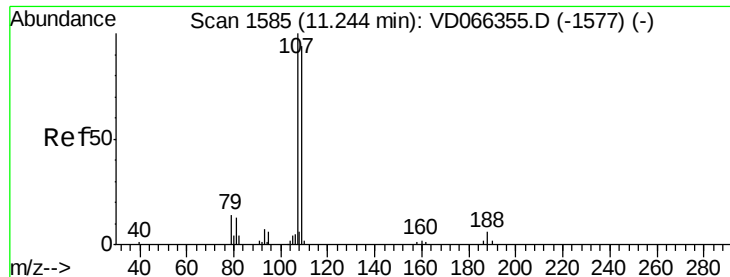
MMDadoda
8/25/2020 3:32:53 PM



#60
Dibromochloromethane
Concen: 19.671 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	129	Resp	37129	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	75.6	39.0	117.0	





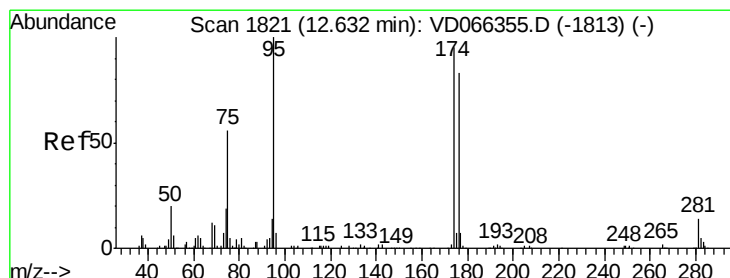
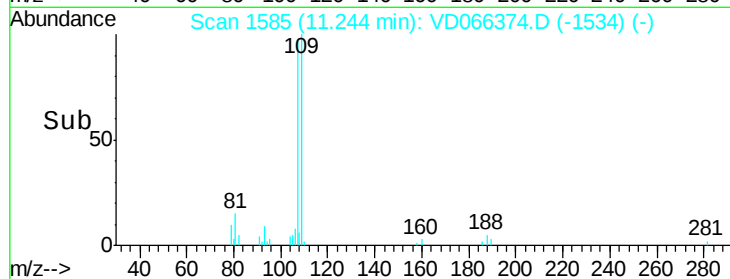
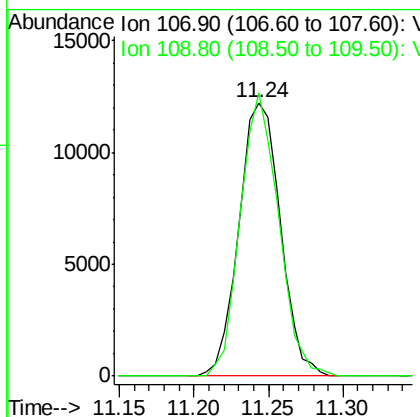
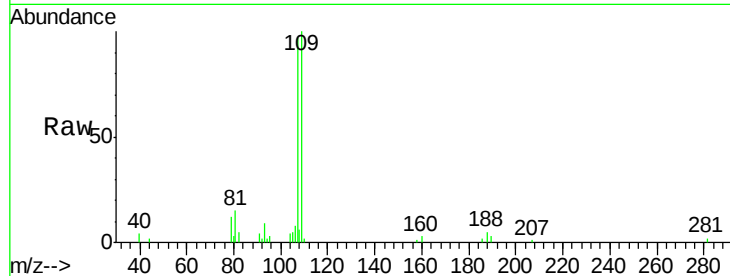
#61
 1,2-Dibromoethane
 Concen: 19.087 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	77.8	116.8

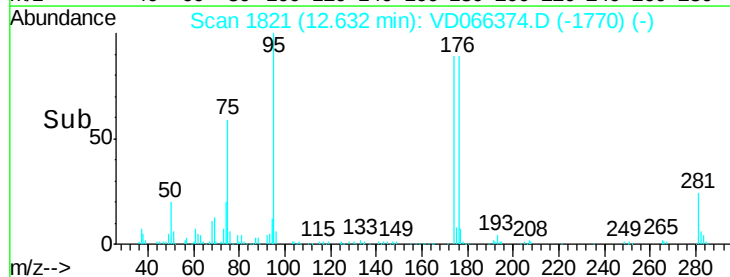
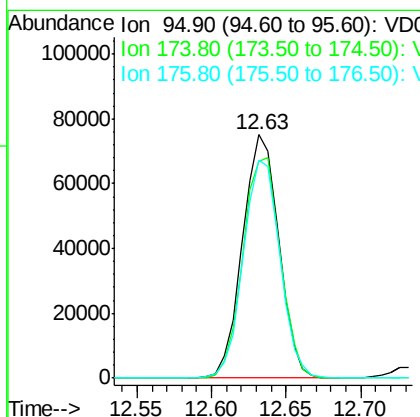
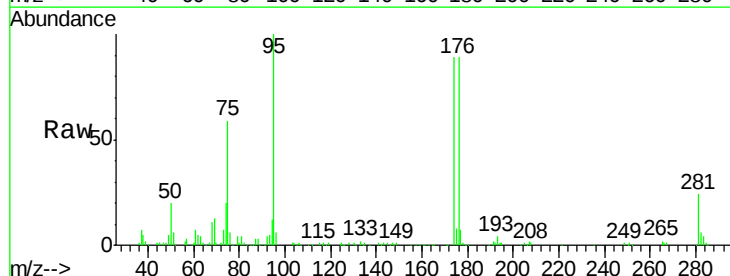
Manual Integrations
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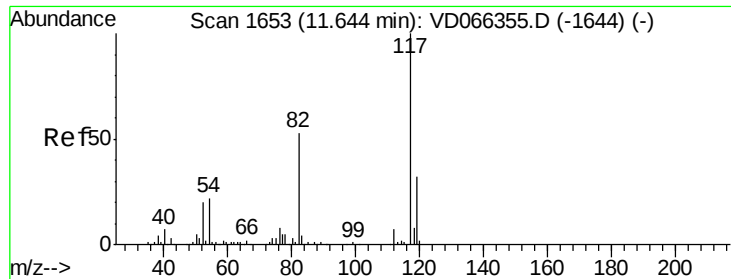
MMDadoda
 8/25/2020 3:32:53 PM



#62
 4-Bromofluorobenzene
 Concen: 56.975 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	183.4
176	90.2	0.0	173.8





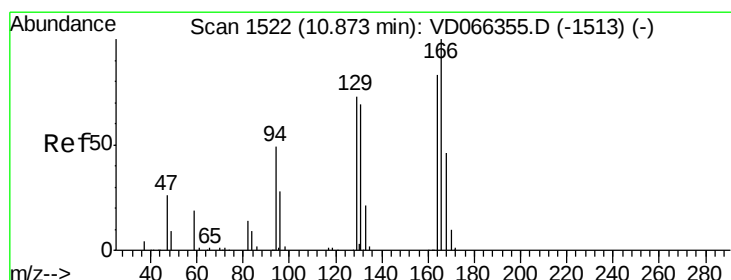
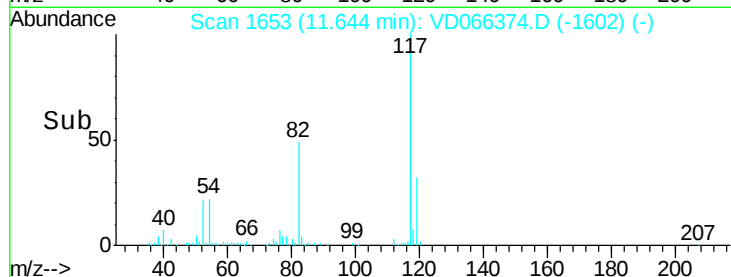
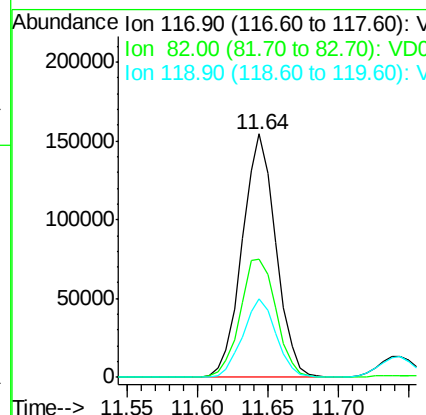
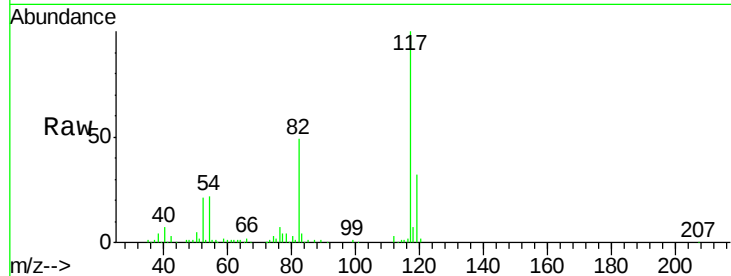
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257593		
82	48.8		42.8	64.2
119	32.1		25.8	38.8

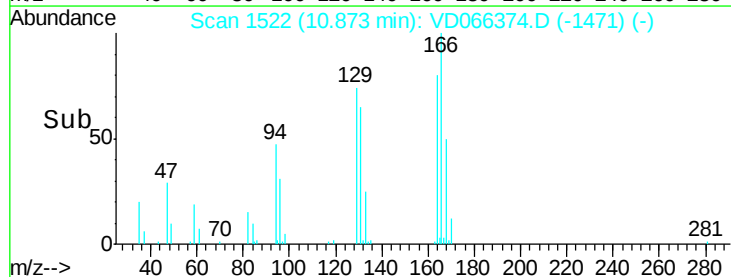
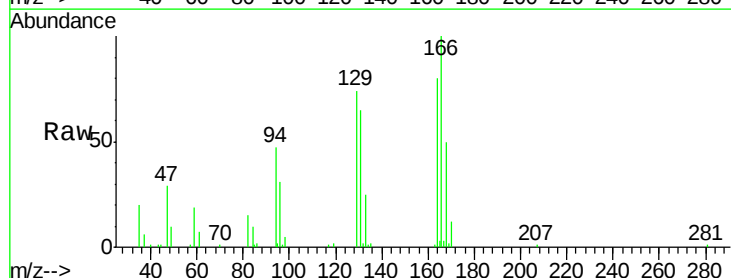
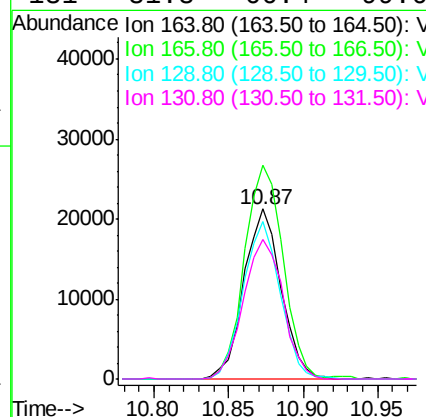
Manual Integrations
APPROVED

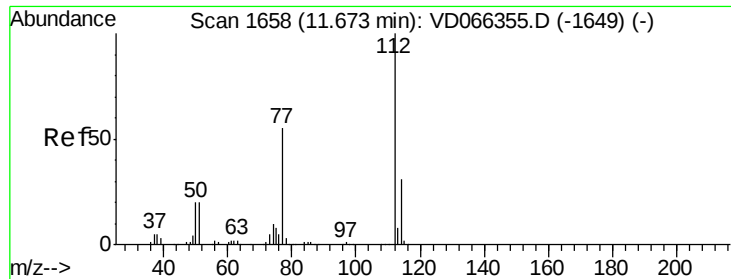
MMDadoda
8/25/2020 3:32:53 PM



#64
Tetrachloroethene
Concen: 18.756 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36650		
166	125.7		96.2	144.4
129	92.9		70.3	105.5
131	81.8		66.4	99.6





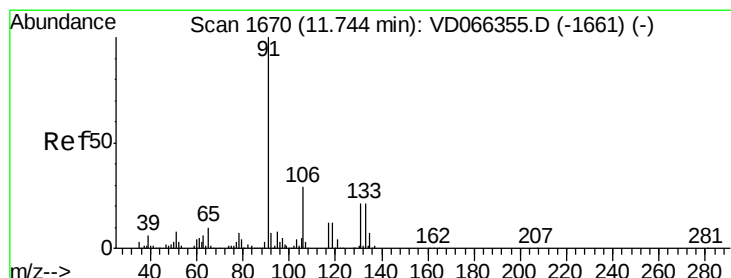
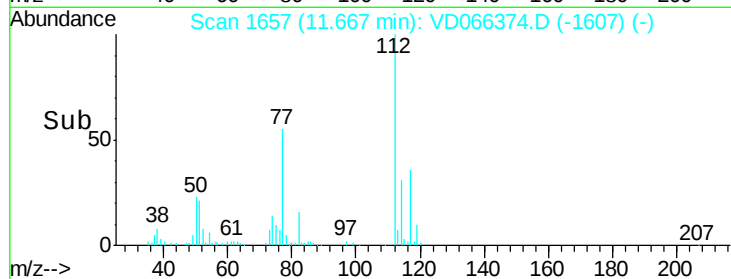
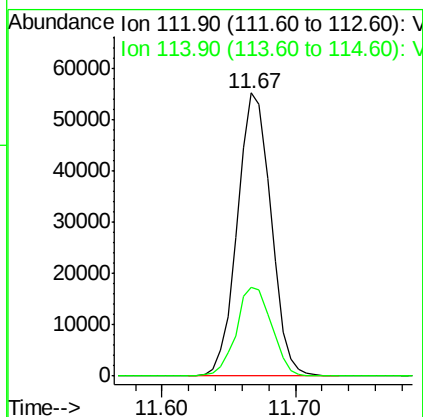
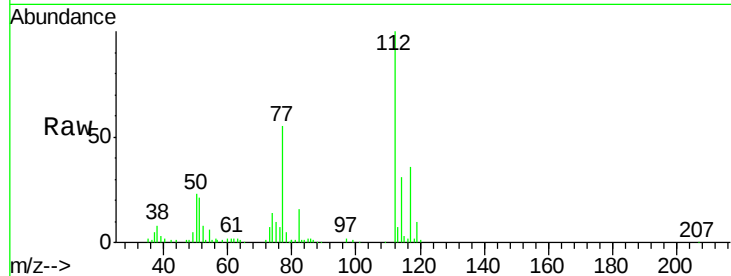
#65
Chlorobenzene
Concen: 18.824 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

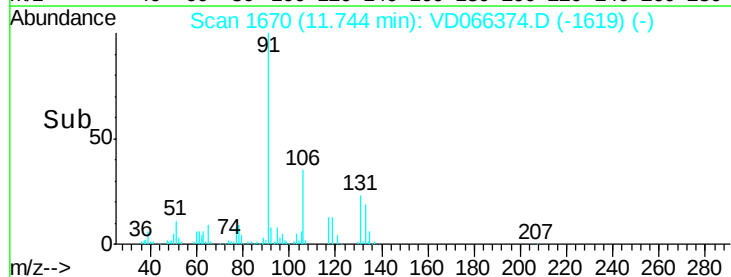
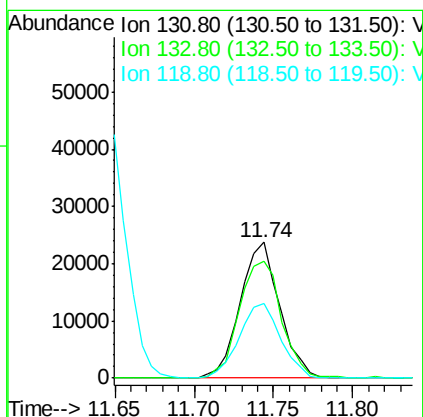
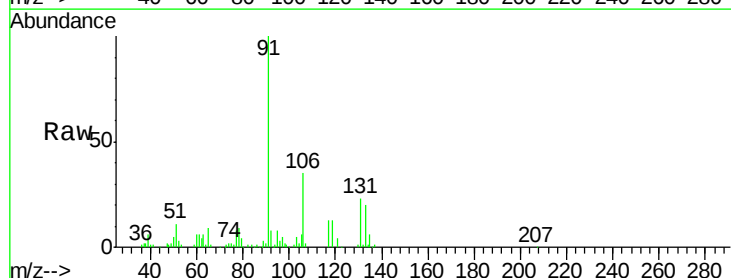
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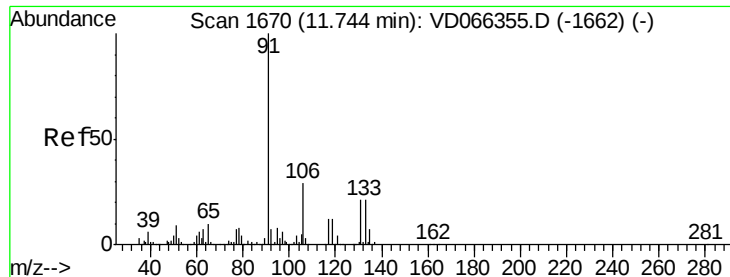
MMDadoda
8/25/2020 3:32:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.595 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.4	48.6	145.9
119	58.0	29.0	87.1





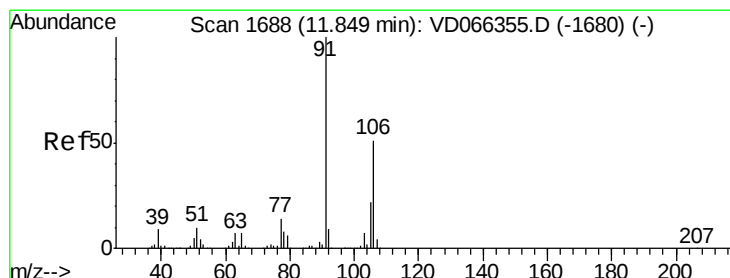
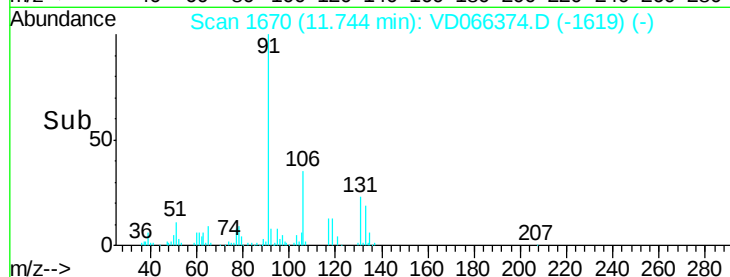
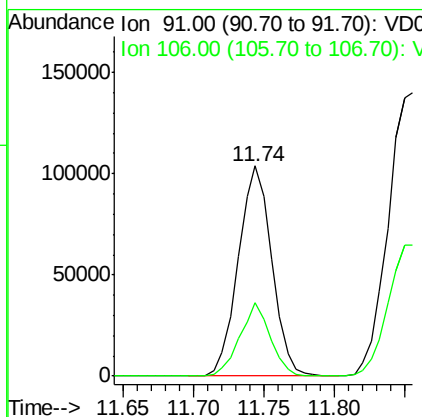
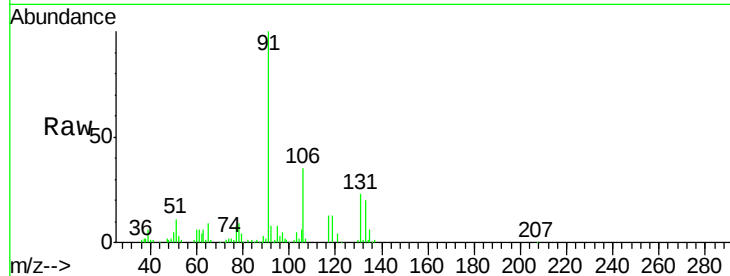
#67
Ethyl Benzene
Concen: 19.113 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion: 91 Resp: 172422
Ion Ratio Lower Upper
91 100
106 35.0 23.4 35.2

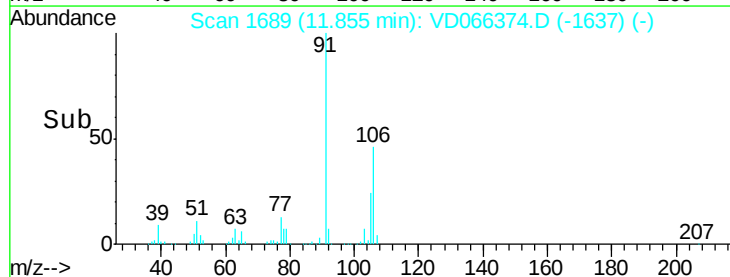
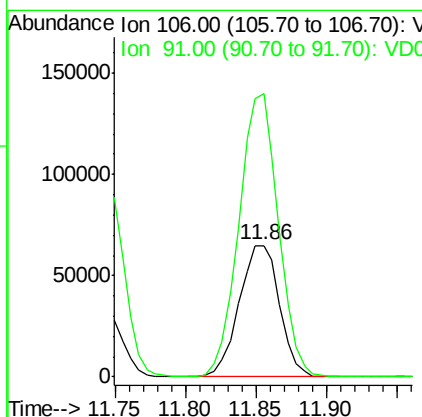
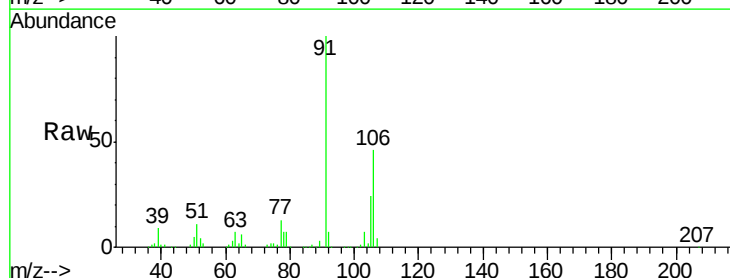
Manual Integrations
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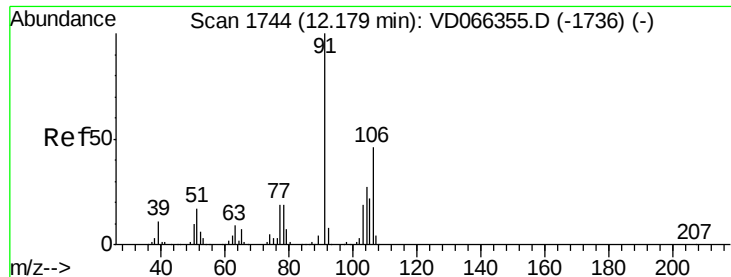
MMDadoda
8/25/2020 3:32:53 PM



#68
m/p-Xylenes
Concen: 37.824 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion: 106 Resp: 130054
Ion Ratio Lower Upper
106 100
91 210.3 160.7 241.1





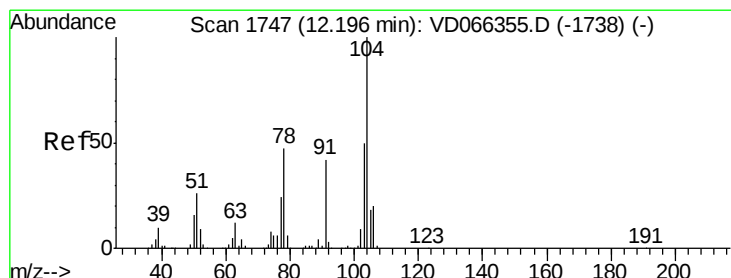
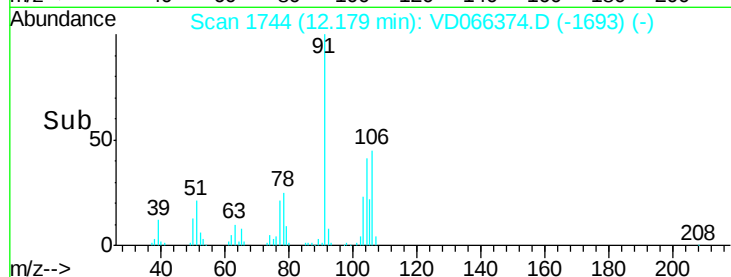
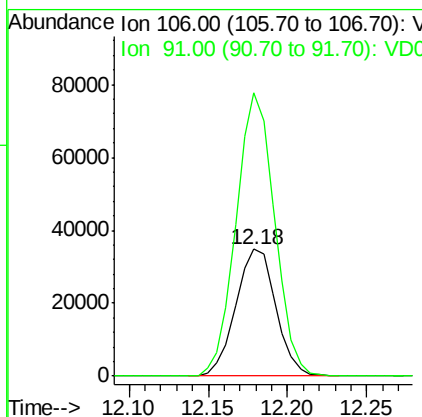
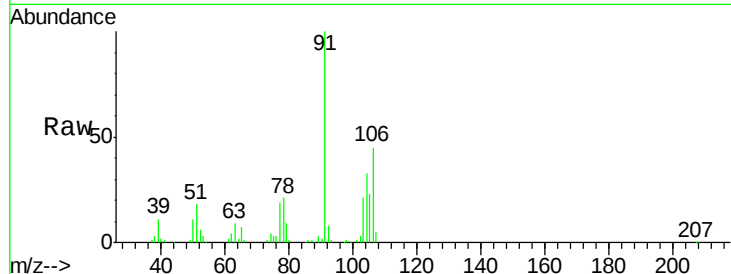
#69
o-Xylene
Concen: 19.122 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		61165		
91	214.3	109.1	327.3		

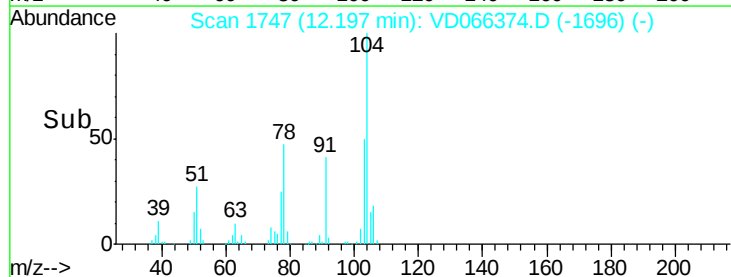
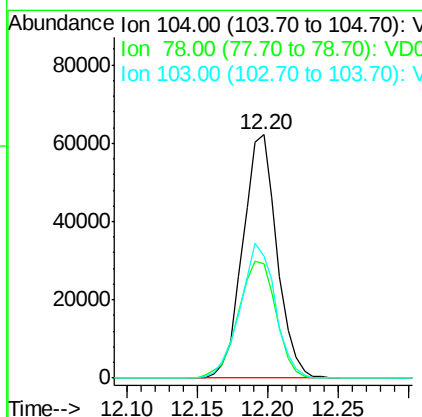
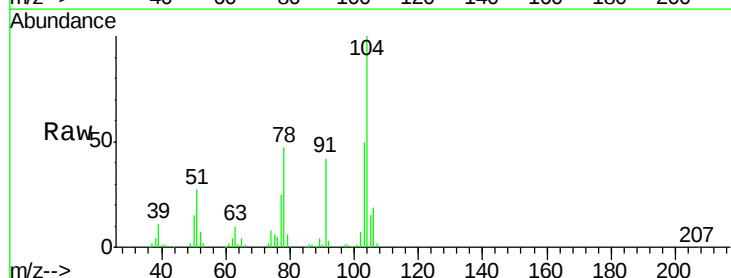
Manual Integrations
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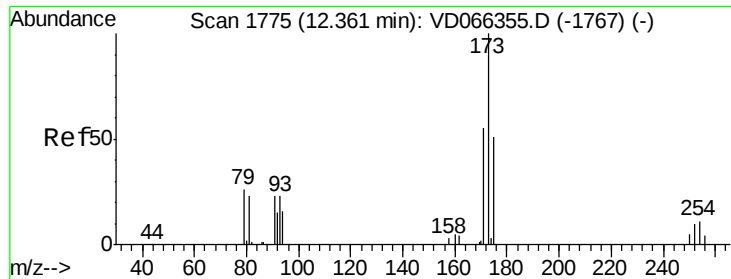
MMDadoda
8/25/2020 3:32:53 PM



#70
Styrene
Concen: 19.133 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		105084		
78	53.2	41.7	62.5		
103	57.2	43.5	65.3		





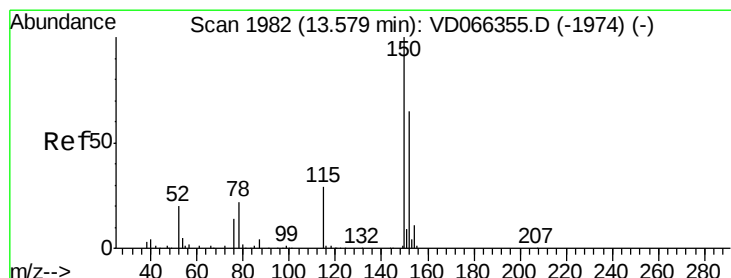
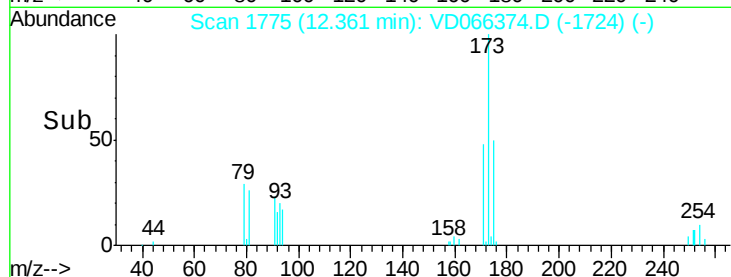
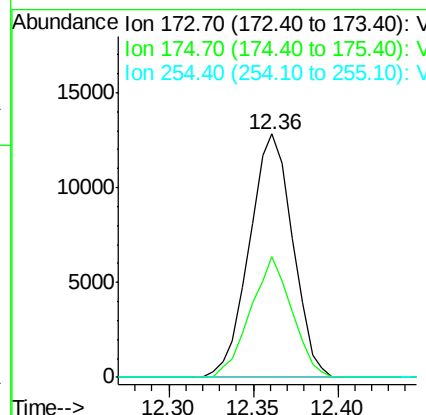
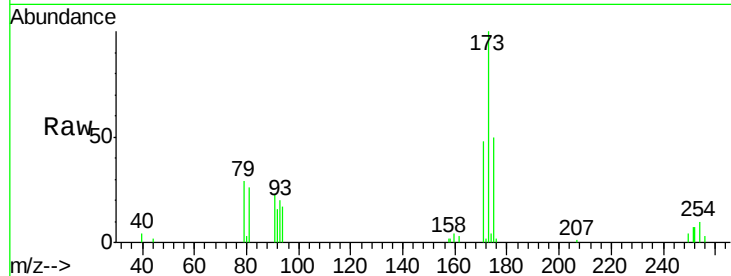
#71
Bromoform
Concen: 19.161 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.8	74.3
254	0.0	0.0	0.0

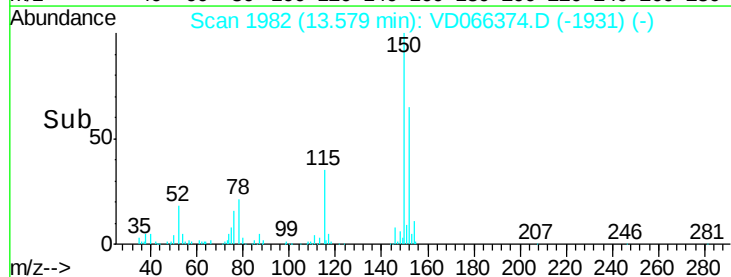
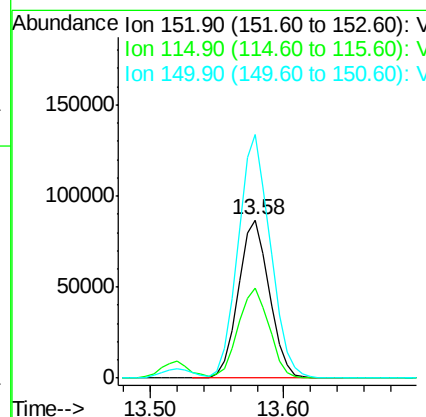
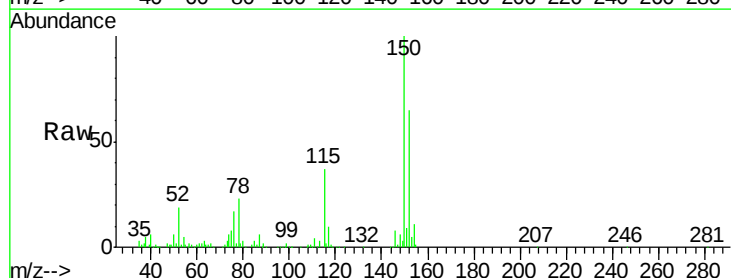
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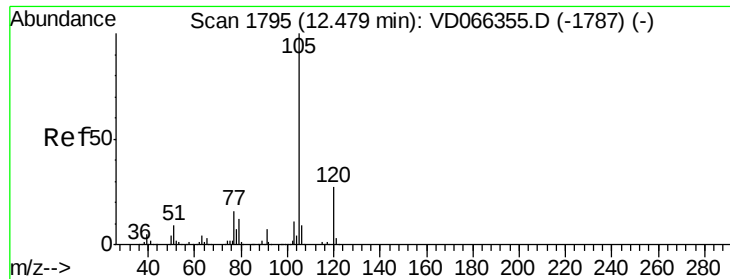
MMDadoda
8/25/2020 3:32:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.3	85.0
150	160.2	0.0	343.2





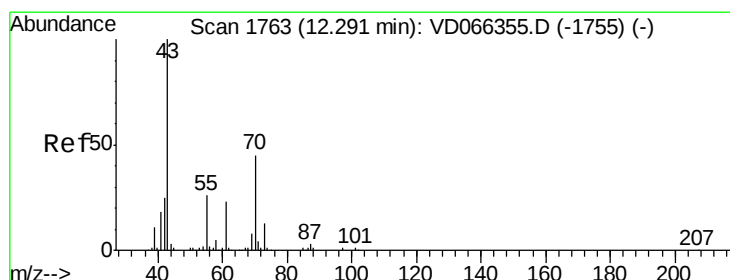
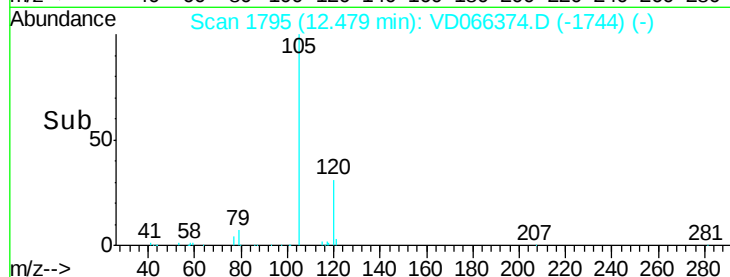
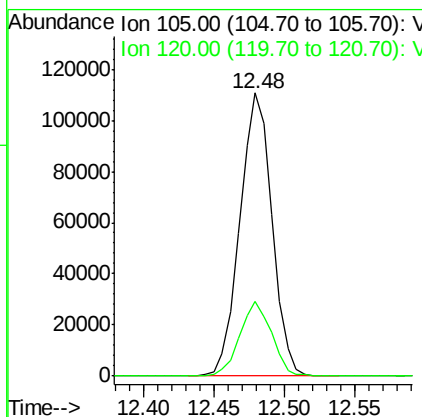
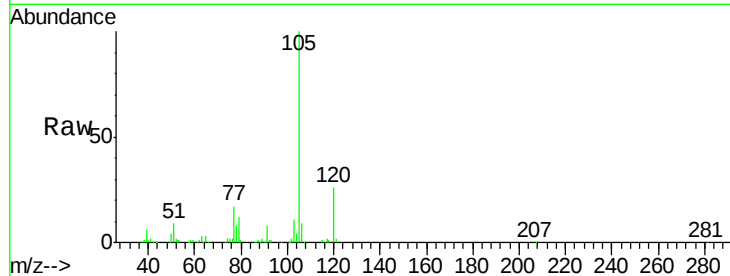
#73
Isopropylbenzene
Concen: 18.886 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.6	40.8

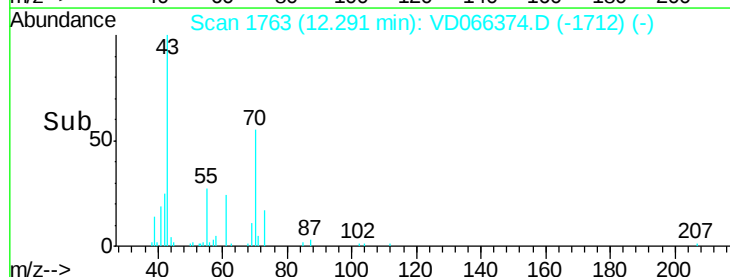
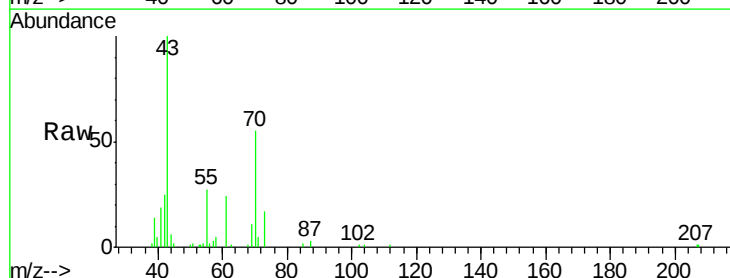
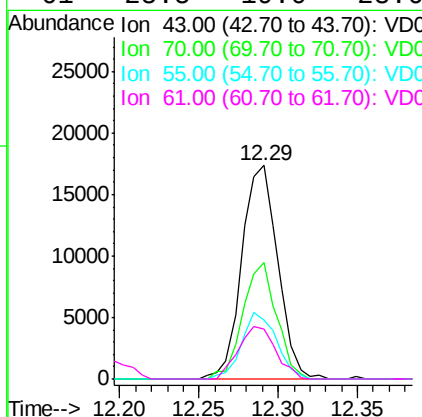
Manual Integrations
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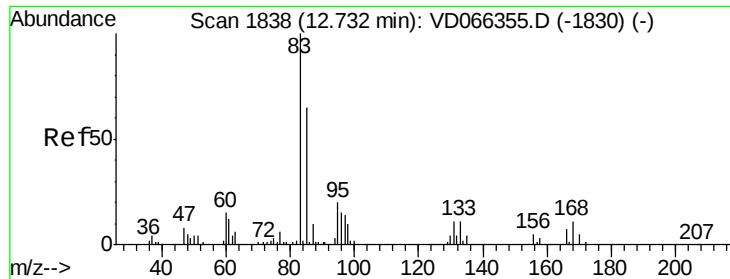
MMDadoda
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#74
N-ethyl acetate
Concen: 16.228 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.3	34.8	52.2
55	30.2	20.3	30.5
61	25.5	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.823 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

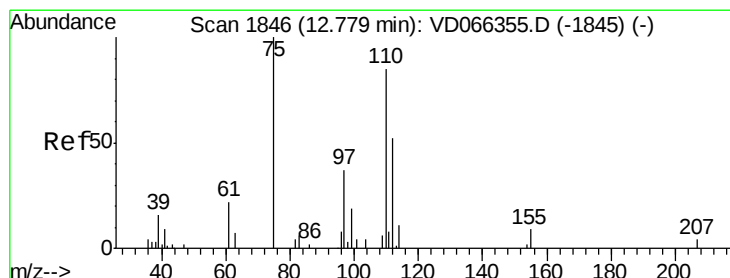
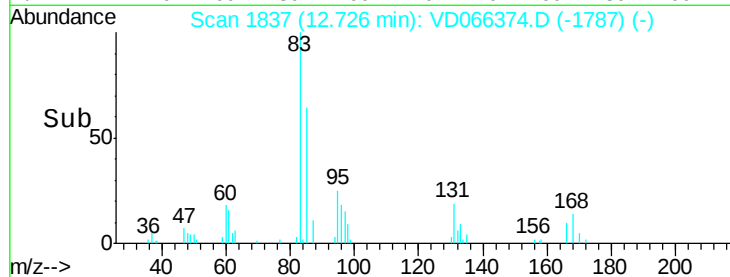
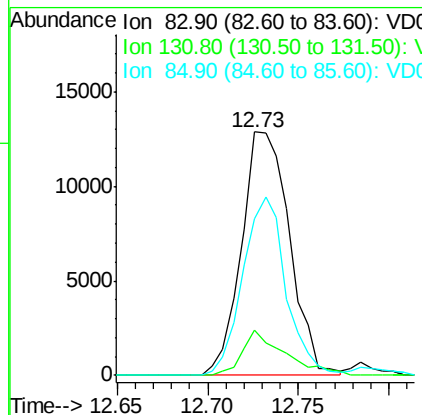
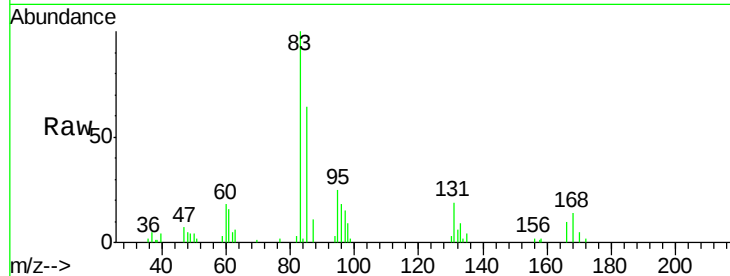
ClientSampleId :

VD0824SBS01

Tot Ion:	83	Resp:	23792
Ion Ratio	Lower	Upper	
83	100		
131	16.3	7.0	20.9
85	65.6	32.4	97.0

Manual Integrations
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8/25/2020 3:32:53 PM



#76

1,2,3-Trichloropropane

Concen: 20.779 ug/l m

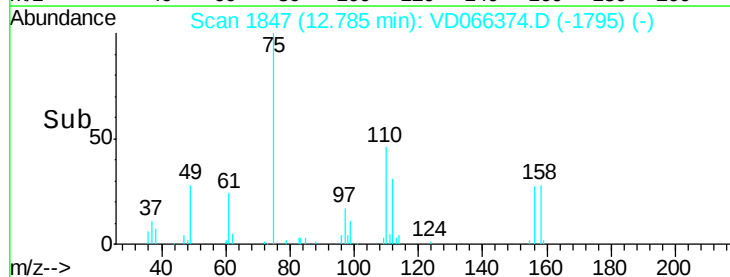
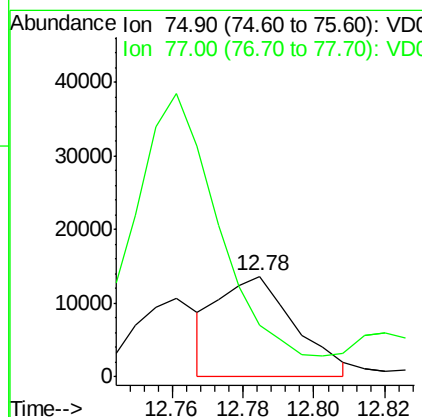
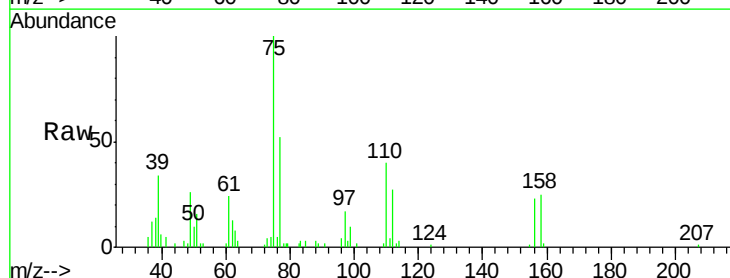
RT: 12.78 min Scan# 1847

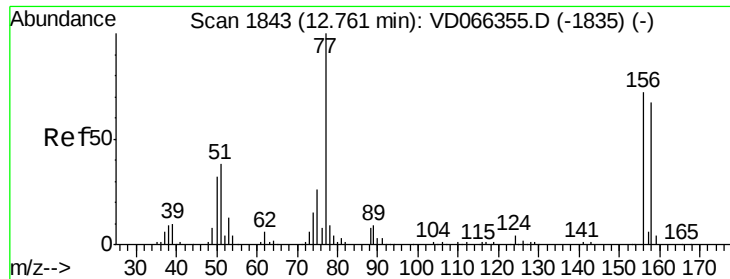
Delta R.T. 0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	75	Resp:	20391
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 18.808 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

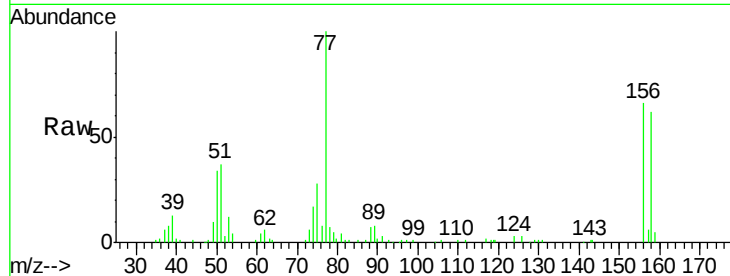
ClientSampleId :

VD0824SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	153.4	76.1	228.3	
158	95.2	47.6	142.9	

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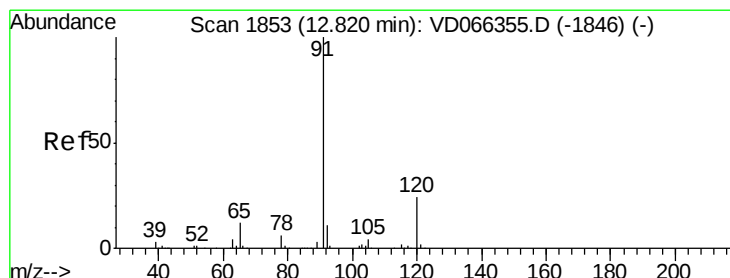
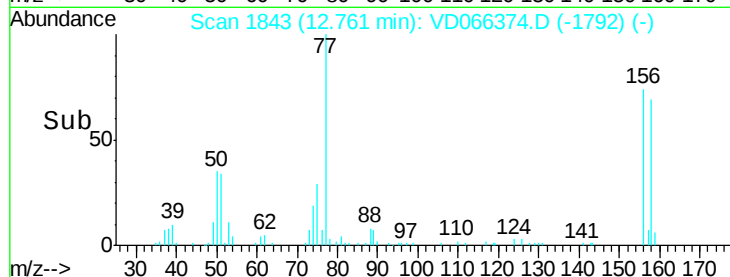
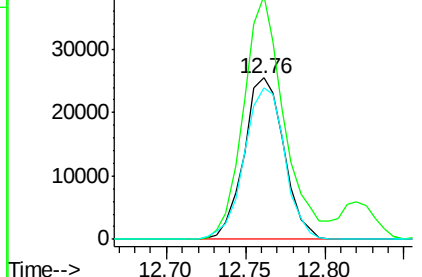
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.701 ug/l

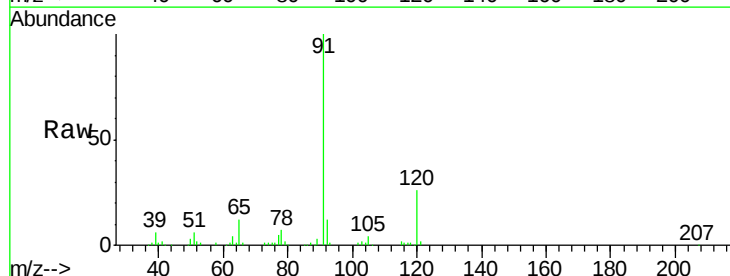
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066374.D

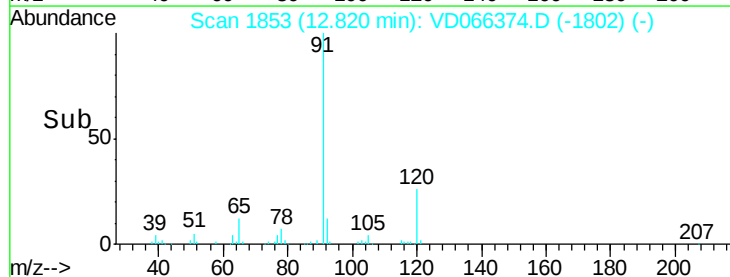
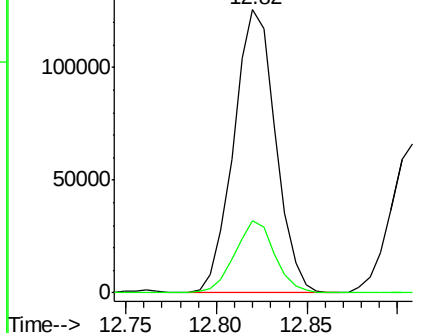
Acq: 24 Aug 2020 12:01

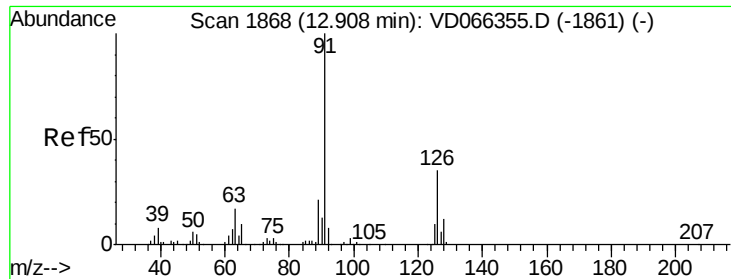
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.0	36.0	



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.165 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion: 91 Resp: 111159

Ion Ratio Lower Upper

91 100

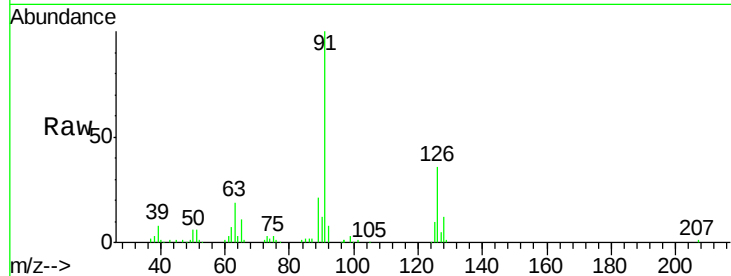
126 36.5 17.7 53.1

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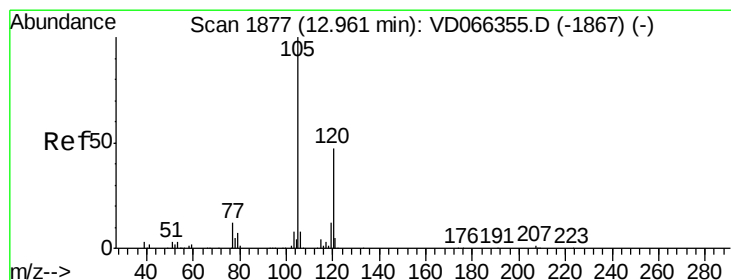
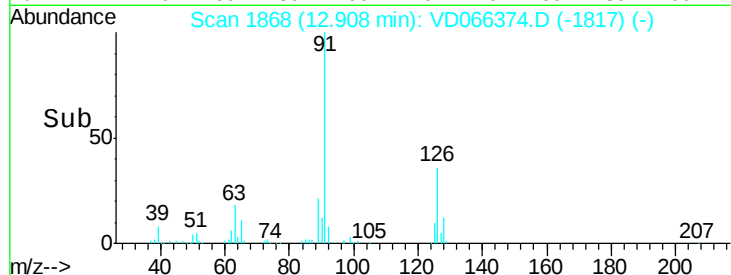
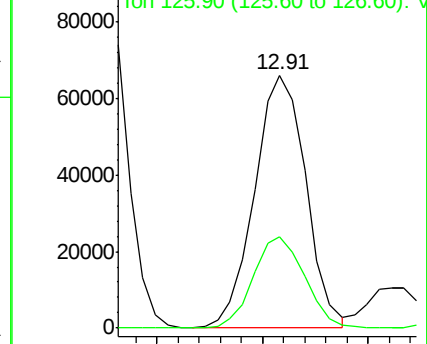
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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.741 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066374.D

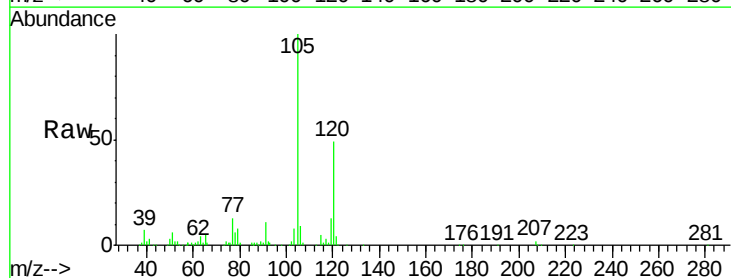
Acq: 24 Aug 2020 12:01

Tgt Ion: 105 Resp: 151208

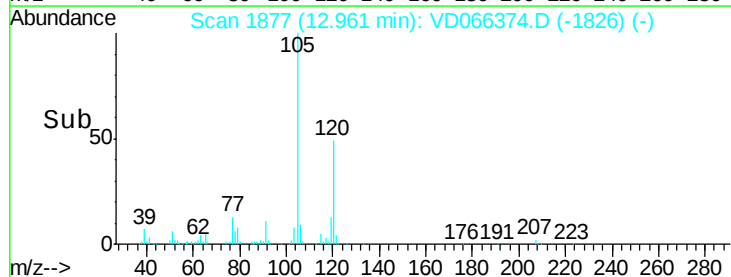
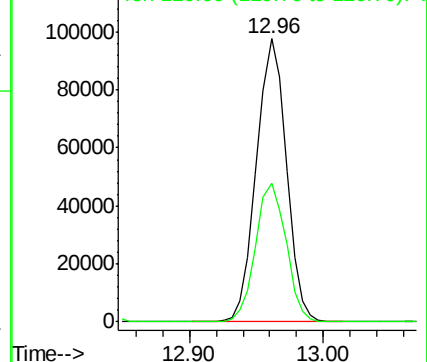
Ion Ratio Lower Upper

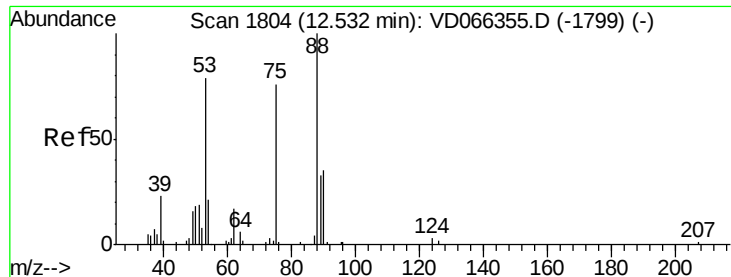
105 100

120 49.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.170 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

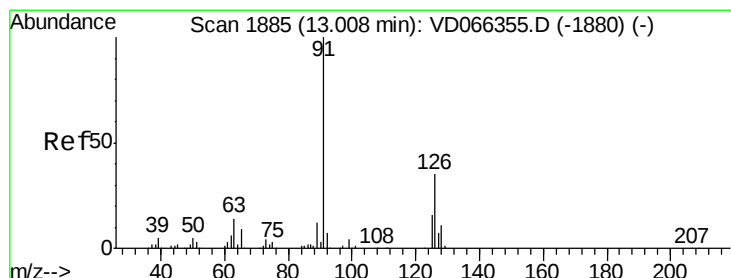
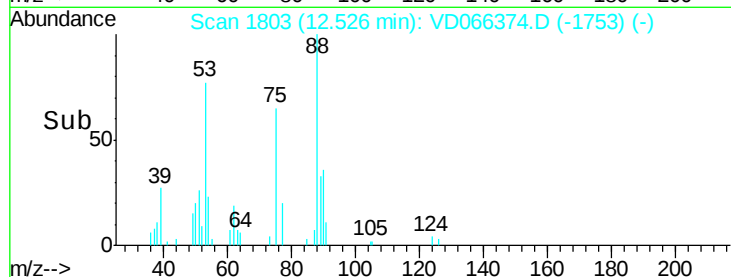
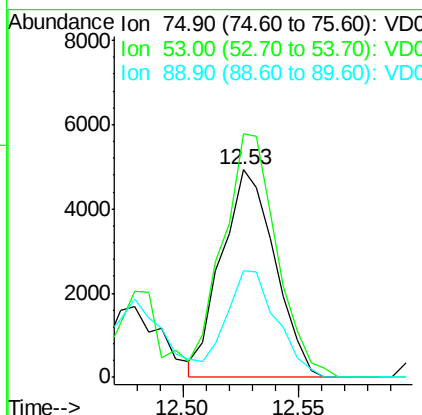
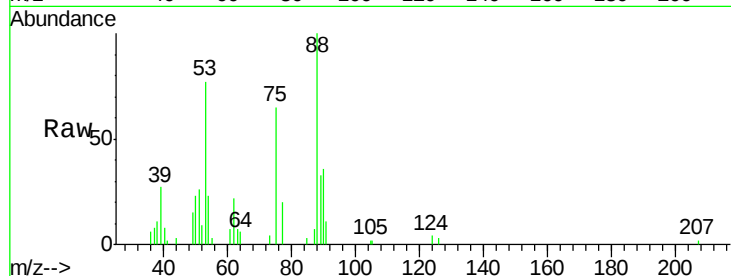
ClientSampleId :

VD0824SBS01

Tot Ion:	75	Resp:	7938
Ion	Ratio	Lower	Upper
75	100		
53	118.5	87.4	131.2
89	48.3	39.4	59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.548 ug/l

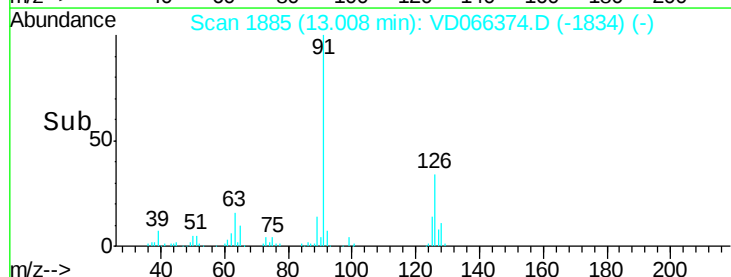
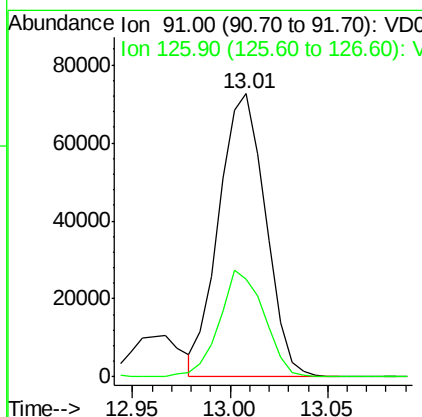
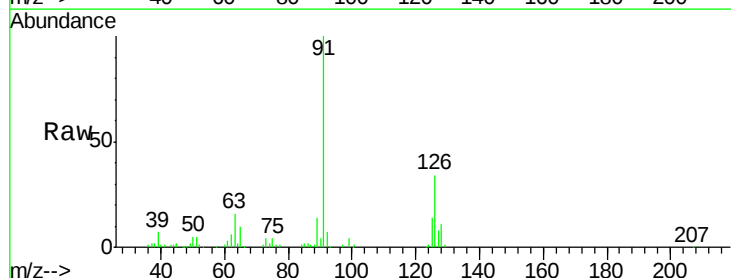
RT: 13.01 min Scan# 1885

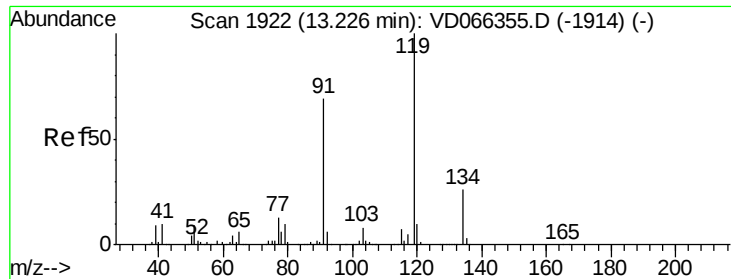
Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Tgt Ion:	91	Resp:	120255
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.4	52.2





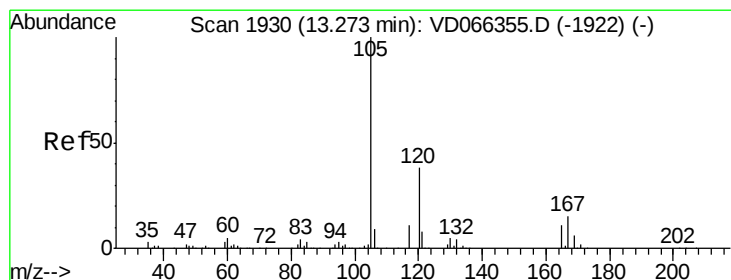
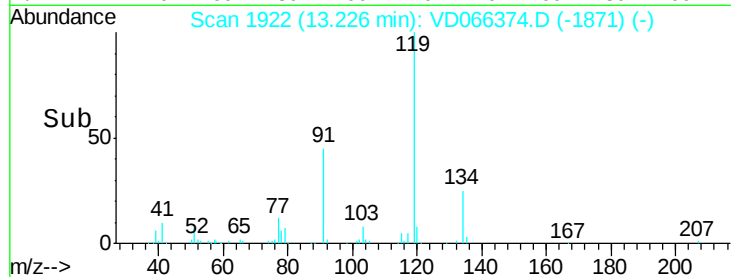
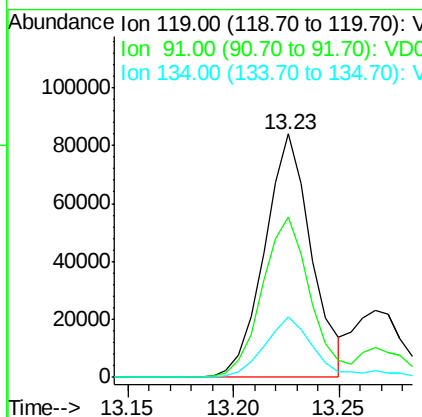
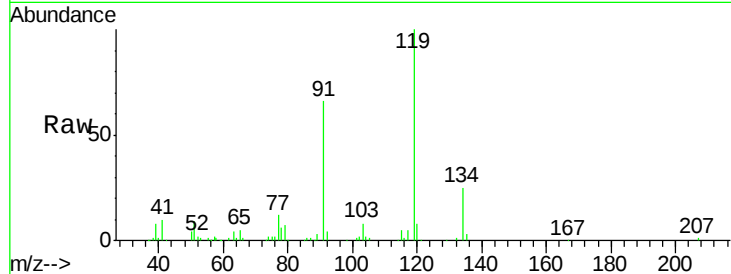
#83
tert-Butylbenzene
Concen: 18.473 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129456		
91	67.9		33.5	100.5
134	26.9		13.5	40.4

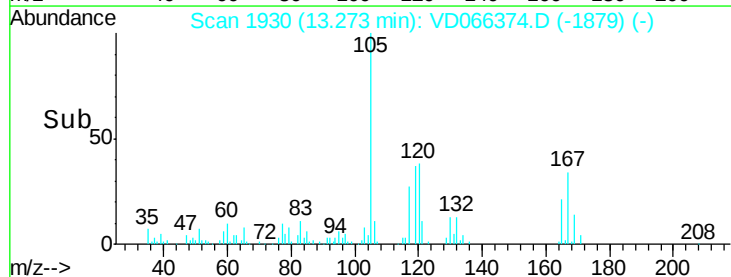
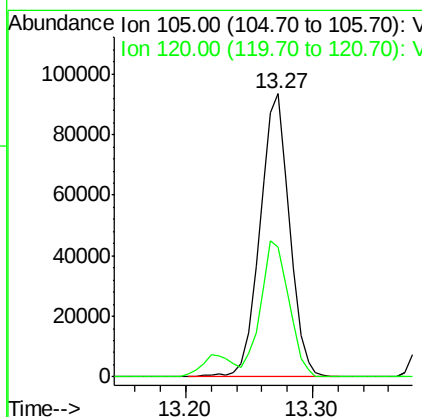
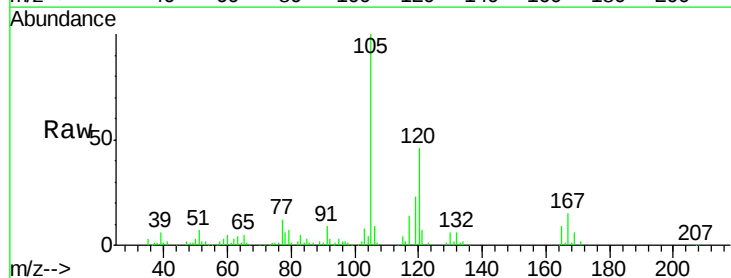
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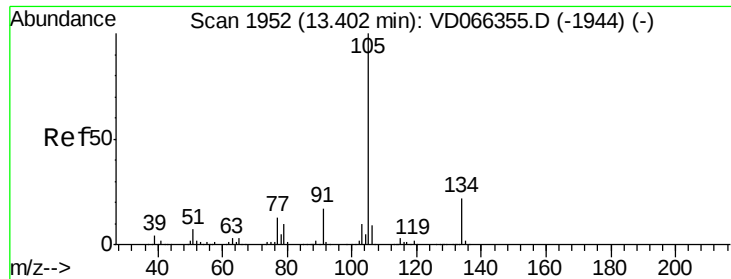
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#84
1,2,4-Trimethylbenzene
Concen: 19.001 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150577		
120	46.5		22.6	67.7





#85

sec-Butylbenzene

Concen: 18.345 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

Tot Ion:105 Resp: 168438

Ion Ratio Lower Upper

105 100

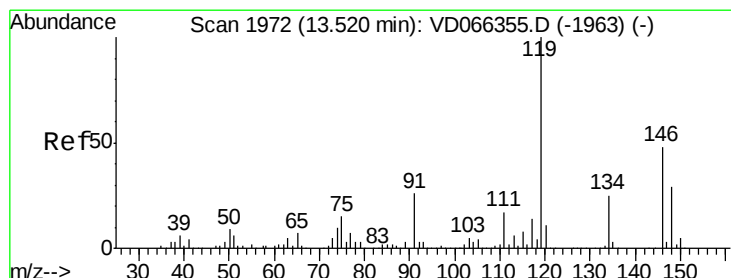
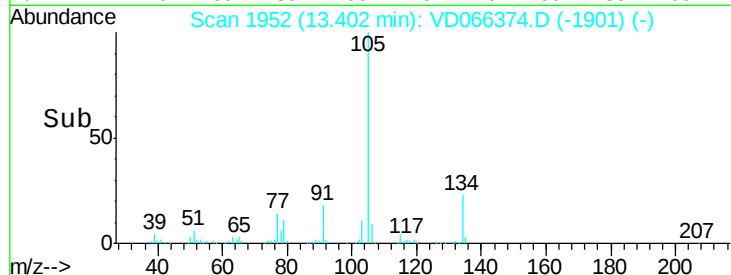
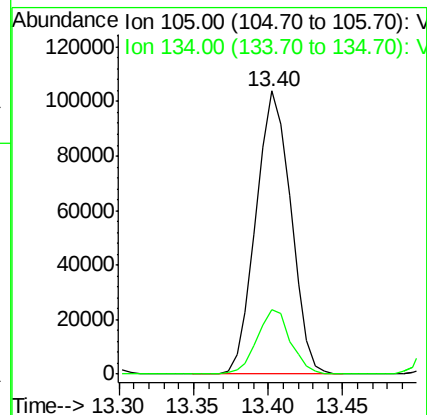
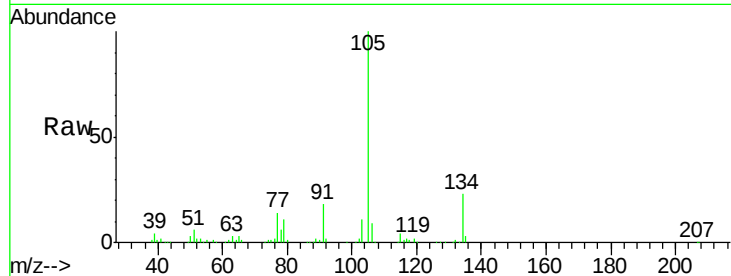
134 21.9 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 19.109 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066374.D

Acq: 24 Aug 2020 12:01

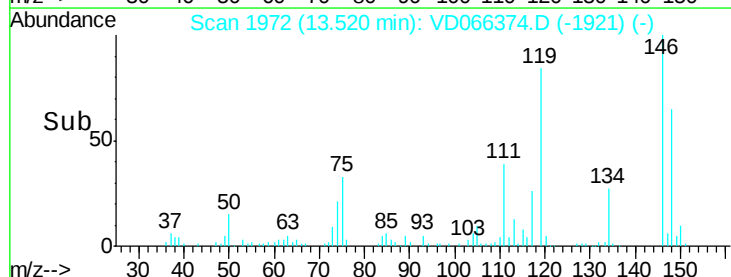
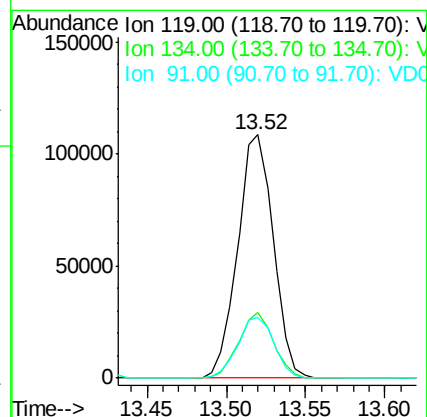
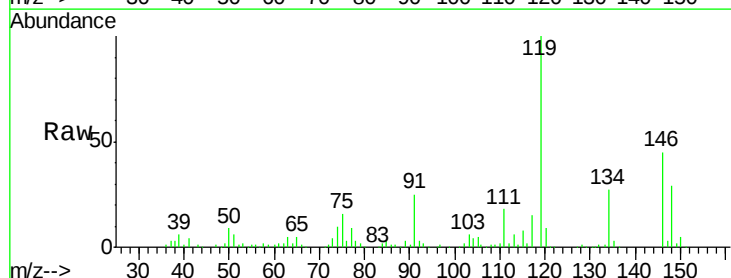
Tgt Ion:119 Resp: 169178

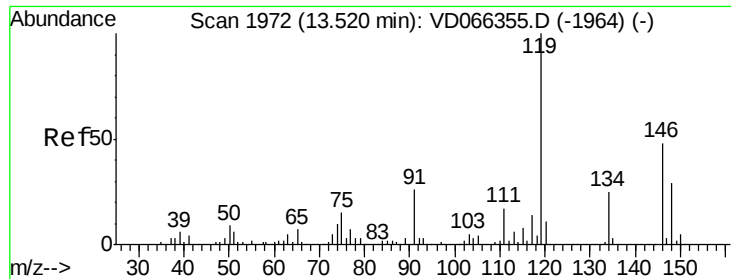
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 25.5 12.7 38.0





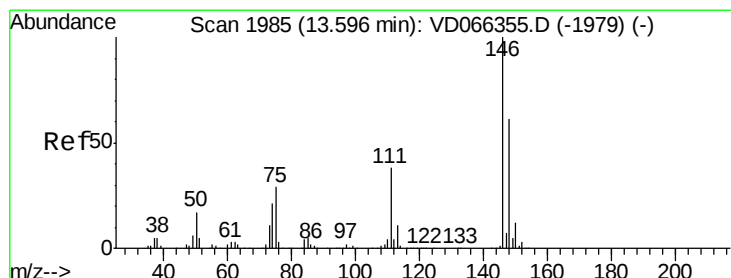
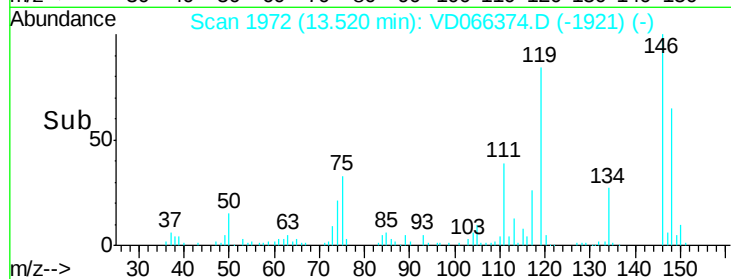
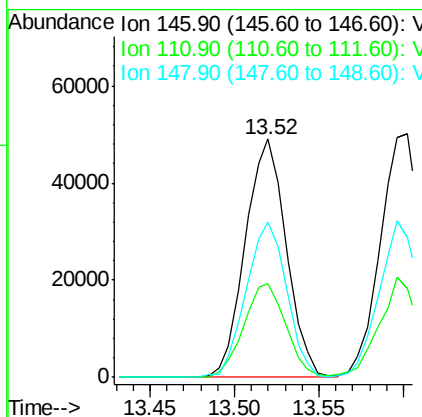
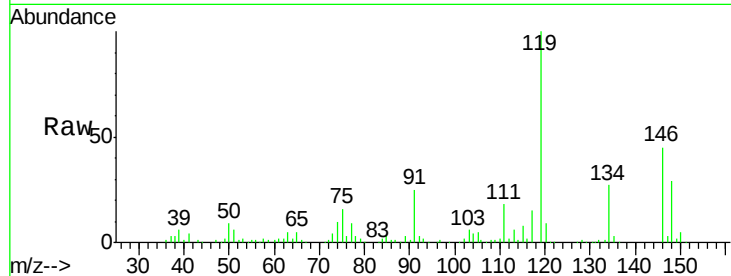
#87
 1,3-Dichlorobenzene
 Concen: 18.705 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.9
148	64.5	31.8	95.3

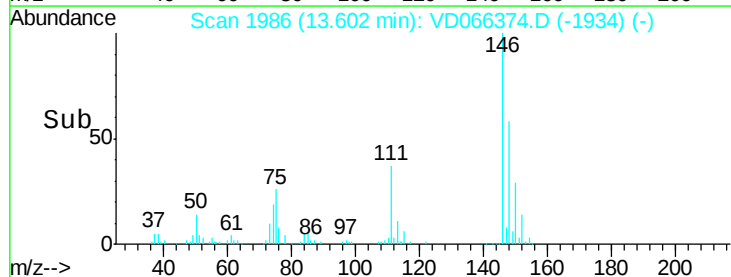
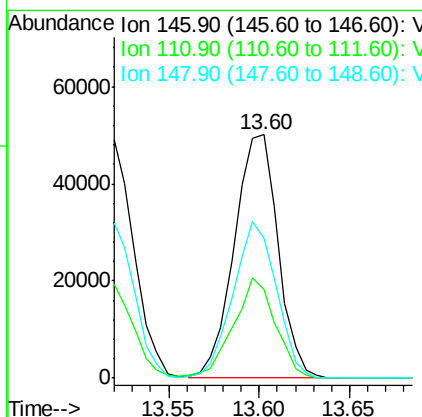
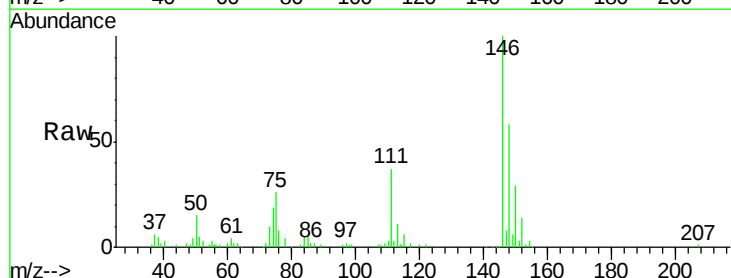
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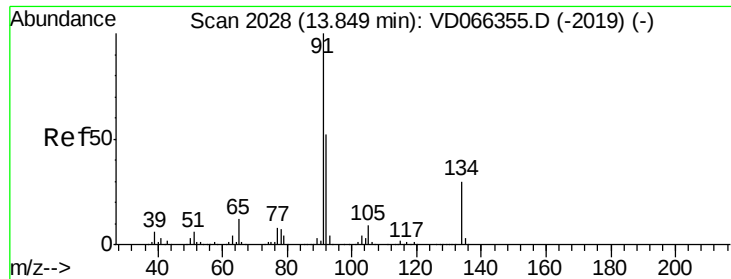
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#88
 1,4-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	63.8	32.1	96.3





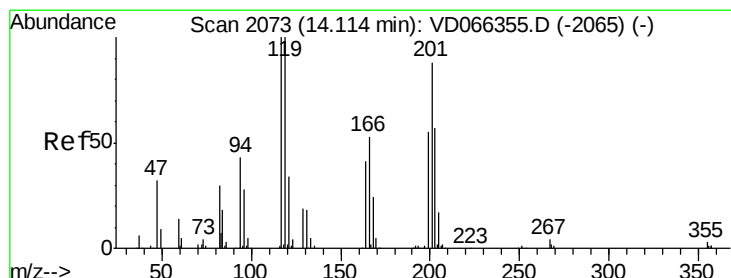
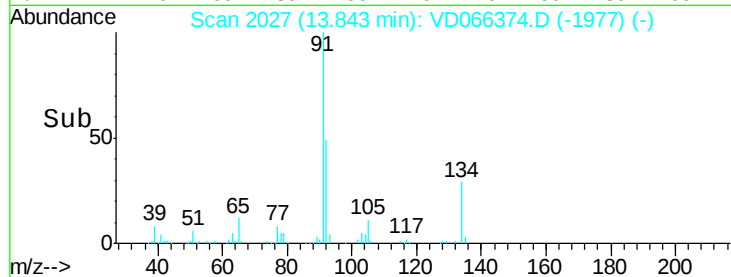
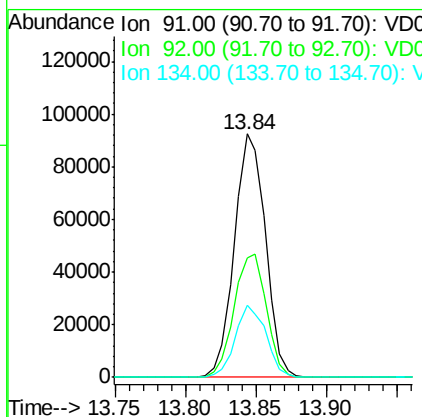
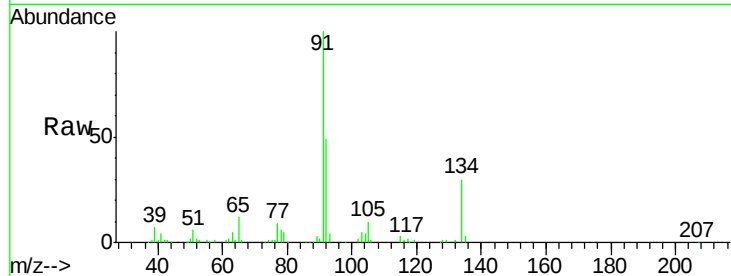
#89
n-Butylbenzene
Concen: 18.183 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	142057		
92	52.7	26.4	79.0	
134	29.2	14.4	43.4	

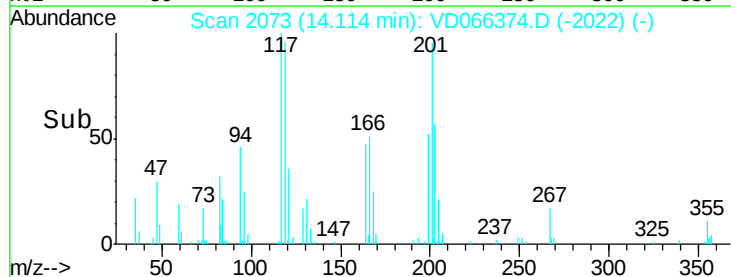
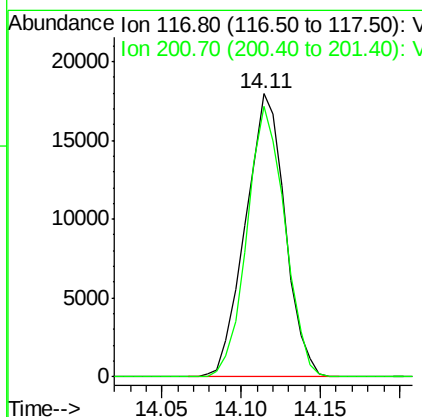
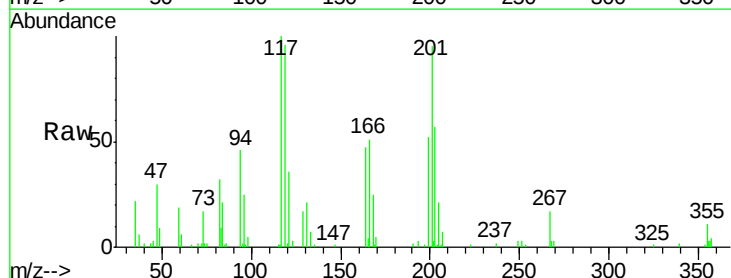
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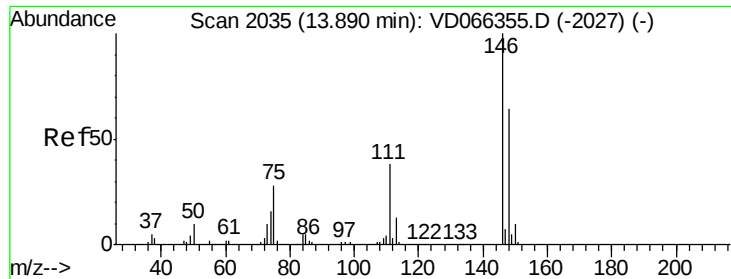
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#90
Hexachloroethane
Concen: 17.842 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31204		
201	91.2	45.4	136.2	





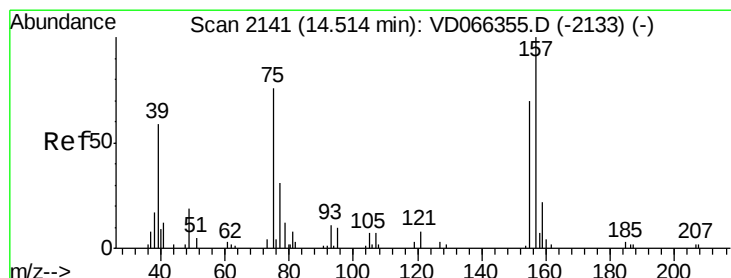
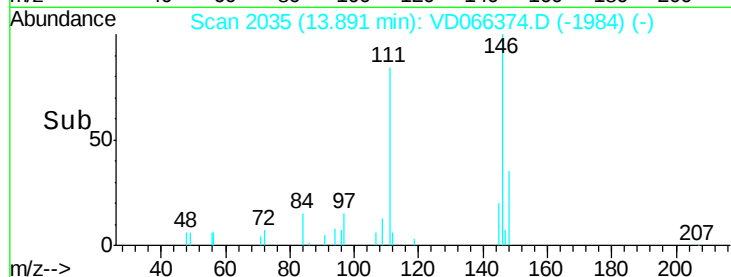
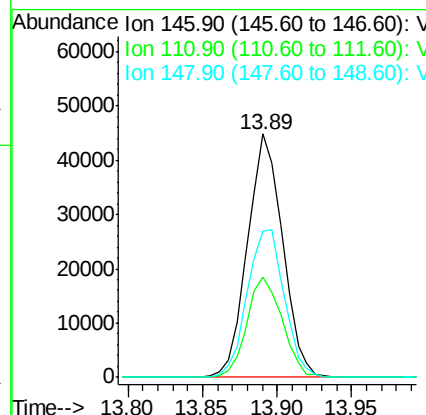
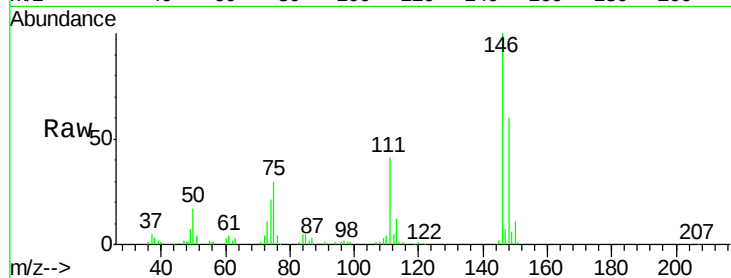
#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.9	59.7
148	64.1	32.6	97.8

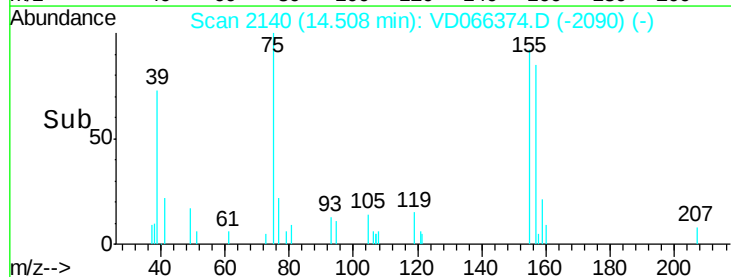
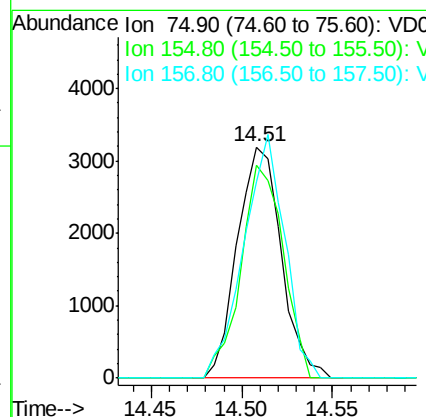
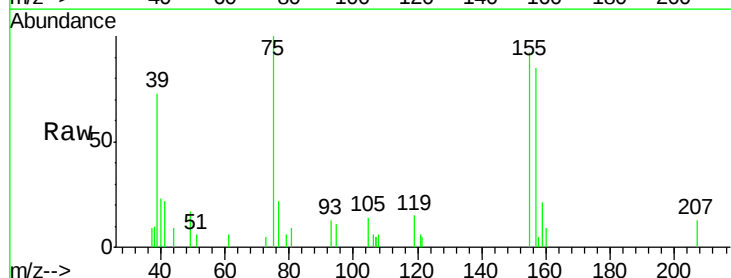
Manual Integrations
 APPROVED

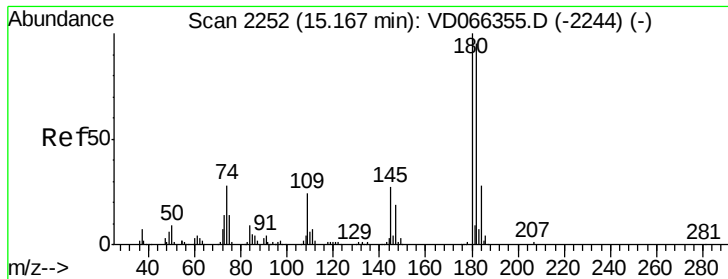
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.230 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	46.9	140.6
157	98.1	61.0	183.0





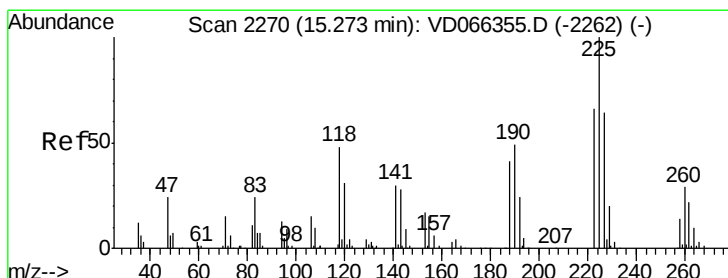
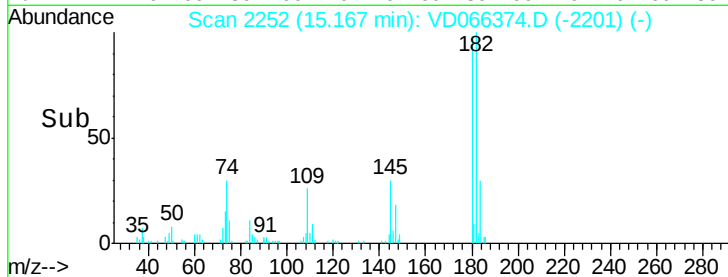
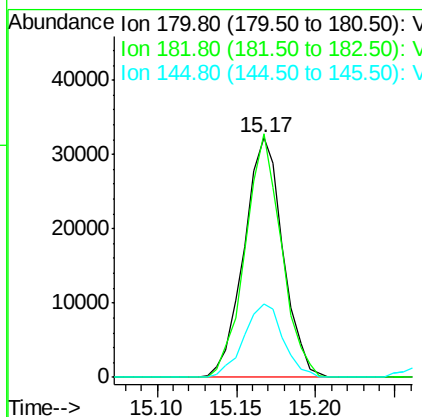
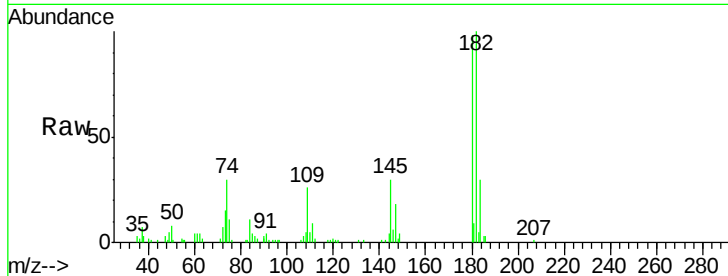
#93
 1,2,4-Trichlorobenzene
 Concen: 18.429 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	54835	48.0	144.0
145	31.0		15.2	45.6

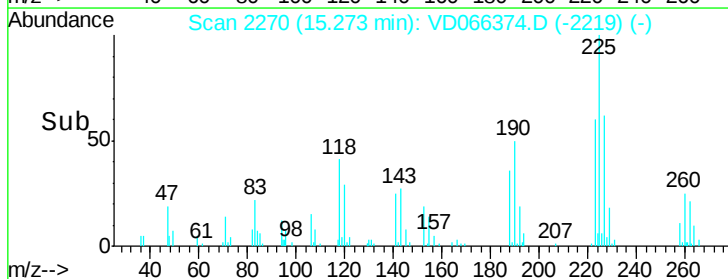
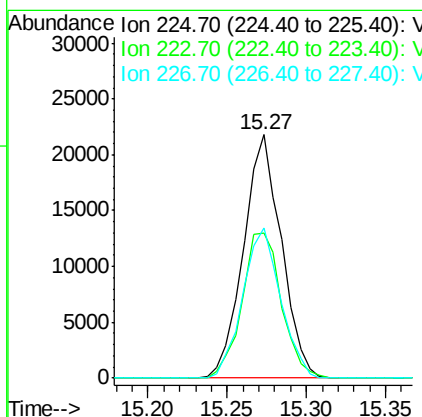
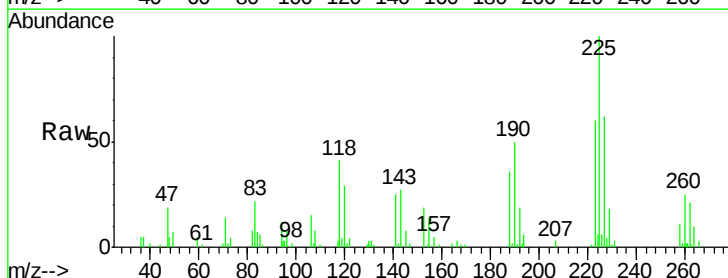
Manual Integrations
 APPROVED

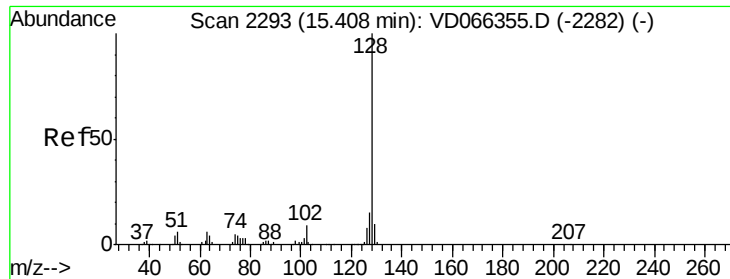
MMDadoda
 8/25/2020 3:32:53 PM



#94
 Hexachlorobutadiene
 Concen: 19.538 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066374.D
 Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36127		
223	62.3		32.5	97.4
227	61.6		33.0	98.9





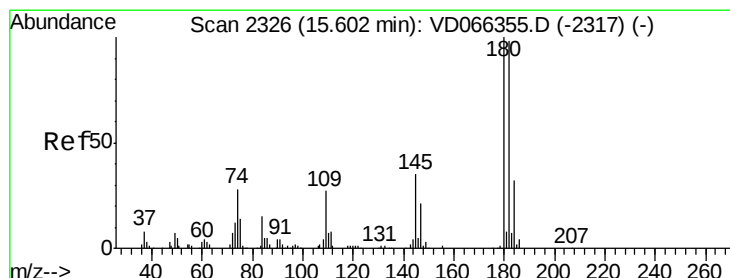
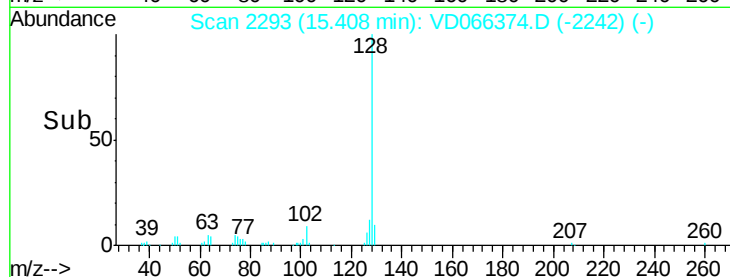
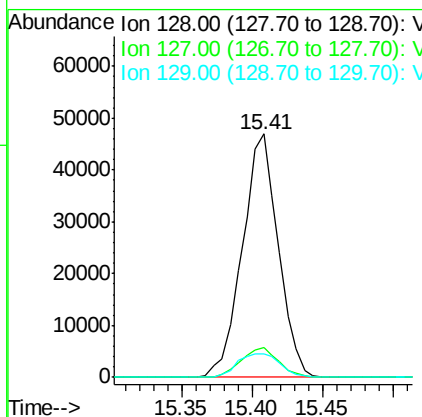
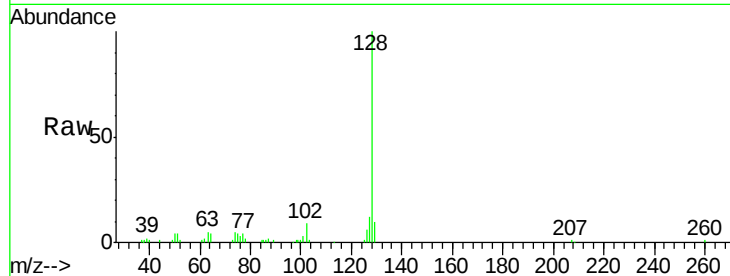
#95
Naphthalene
Concen: 17.886 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	11.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/25/2020 3:32:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.875 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066374.D
Acq: 24 Aug 2020 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.7	140.0
145	32.7	16.0	48.0

