

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066357.D
 Acq On : 21 Aug 2020 13:14
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:36:50 PM

Quant Time: Aug 21 13:34:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	236684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	344146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	348073	153.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.84%	
35) Dibromofluoromethane	7.91	113	319296	147.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.94%	
50) Toluene-d8	10.34	98	1172744	149.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.80%	
62) 4-Bromofluorobenzene	12.63	95	404707	142.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	262985	124.505	ug/l	99
3) Chloromethane	2.21	50	201096	136.043	ug/l	99
4) Vinyl Chloride	2.34	62	212746	135.755	ug/l	98
5) Bromomethane	2.74	94	161072	136.778	ug/l	97
6) Chloroethane	2.91	64	138865	137.468	ug/l	99
7) Trichlorofluoromethane	3.27	101	589349	138.088	ug/l	100
8) Diethyl Ether	3.71	74	138439	153.786	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	291427	135.967	ug/l	99
10) Methyl Iodide	4.30	142	385757	171.840	ug/l	98
11) Tert butyl alcohol	5.22	59	88006	410.483	ug/l	98
12) 1,1-Dichloroethene	4.07	96	278983	140.791	ug/l	97
13) Acrolein	3.92	56	74534	693.230	ug/l	99
14) Allyl chloride	4.71	41	391681	152.845	ug/l	99
15) Acrylonitrile	5.42	53	272591	726.810	ug/l	98
16) Acetone	4.16	43	299687	708.640	ug/l	96
17) Carbon Disulfide	4.40	76	850331	143.618	ug/l	99
18) Methyl Acetate	4.71	43	112998	142.748	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	688558	150.236	ug/l	93
20) Methylene Chloride	4.96	84	307879	95.864	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	320525	143.174	ug/l	98
22) Diisopropyl ether	6.36	45	733214	146.589	ug/l	97
23) Vinyl Acetate	6.30	43	2262484	733.215	ug/l	100
24) 1,1-Dichloroethane	6.26	63	514206	145.306	ug/l	99
25) 2-Butanone	7.21	43	333908	684.448	ug/l	98
26) 2,2-Dichloropropane	7.21	77	536784	138.394	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	353289	147.553	ug/l	99
28) Bromochloromethane	7.54	49	183746	151.898	ug/l	98
29) Tetrahydrofuran	7.56	42	196375	724.379	ug/l	98
30) Chloroform	7.70	83	590830	143.314	ug/l	96
31) Cyclohexane	7.98	56	427304	125.481	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	595385	143.896	ug/l	99
36) 1,1-Dichloropropene	8.11	75	442227	135.565	ug/l	98
37) Ethyl Acetate	7.28	43	150104	133.438	ug/l #	89
38) Carbon Tetrachloride	8.09	117	582554	136.874	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	527876	139.044	ug/l	98
40) Benzene	8.34	78	1163319	136.110	ug/l	96
41) Methacrylonitrile	7.52	41	87268m	136.354	ug/l	
42) 1,2-Dichloroethane	8.42	62	420310	142.786	ug/l	99
43) Isopropyl Acetate	8.45	43	313189	146.874	ug/l	100
44) Trichloroethene	9.11	130	379190	135.700	ug/l	98
45) 1,2-Dichloropropane	9.38	63	267990	140.825	ug/l	96
46) Dibromomethane	9.47	93	167575	141.208	ug/l	99
47) Bromodichloromethane	9.66	83	466291	142.101	ug/l	99
48) Methyl methacrylate	9.45	41	154464	137.006	ug/l	98
49) 1,4-Dioxane	9.46	88	35711	2584.671	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	718655	677.173	ug/l	100
52) Toluene	10.40	92	799092	138.986	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	443365	145.144	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	492532	142.204	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	215903	135.106	ug/l	96
56) Ethyl methacrylate	10.66	69	272708	147.920	ug/l	98
57) 1,3-Dichloropropane	10.94	76	369458	139.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	535070	680.130	ug/l	99
59) 2-Hexanone	10.98	43	512158	679.836	ug/l	98
60) Dibromochloromethane	11.14	129	330054	135.378	ug/l	98
61) 1,2-Dibromoethane	11.24	107	219724	138.351	ug/l	95
64) Tetrachloroethene	10.87	164	333737	139.614	ug/l	96
65) Chlorobenzene	11.67	112	860723	138.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	350198	137.018	ug/l	100
67) Ethyl Benzene	11.74	91	1553795	140.244	ug/l	95
68) m/p-Xylenes	11.86	106	1174012	277.449	ug/l	96
69) o-Xylene	12.18	106	548867	141.422	ug/l	99
70) Styrene	12.20	104	947600	141.365	ug/l	99
71) Bromoform	12.36	173	200428	139.222	ug/l #	98
73) Isopropylbenzene	12.48	105	1540582	146.641	ug/l	98
74) N-amyl acetate	12.29	43	278421	147.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	210749	138.657	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	150003m	139.871	ug/l	
77) Bromobenzene	12.76	156	384142	140.821	ug/l	100
78) n-propylbenzene	12.82	91	1742005	142.097	ug/l	100
79) 2-Chlorotoluene	12.91	91	998100	144.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1322172	144.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	77521	146.588	ug/l	97
82) 4-Chlorotoluene	13.01	91	1048932	142.381	ug/l	99
83) tert-Butylbenzene	13.23	119	1136640	145.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1302937	145.246	ug/l	99
85) sec-Butylbenzene	13.40	105	1513011	143.578	ug/l	99
86) p-Isopropyltoluene	13.52	119	1436666	142.713	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	700595	138.758	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	708922	138.154	ug/l	100
89) n-Butylbenzene	13.85	91	1288657	147.058	ug/l	99
90) Hexachloroethane	14.11	117	286034	142.540	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	619137	140.987	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	43006	132.586	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	498029	148.854	ug/l	99
94) Hexachlorobutadiene	15.27	225	309247	146.187	ug/l	97
95) Naphthalene	15.41	128	810546	158.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	425733	149.675	ug/l	99

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

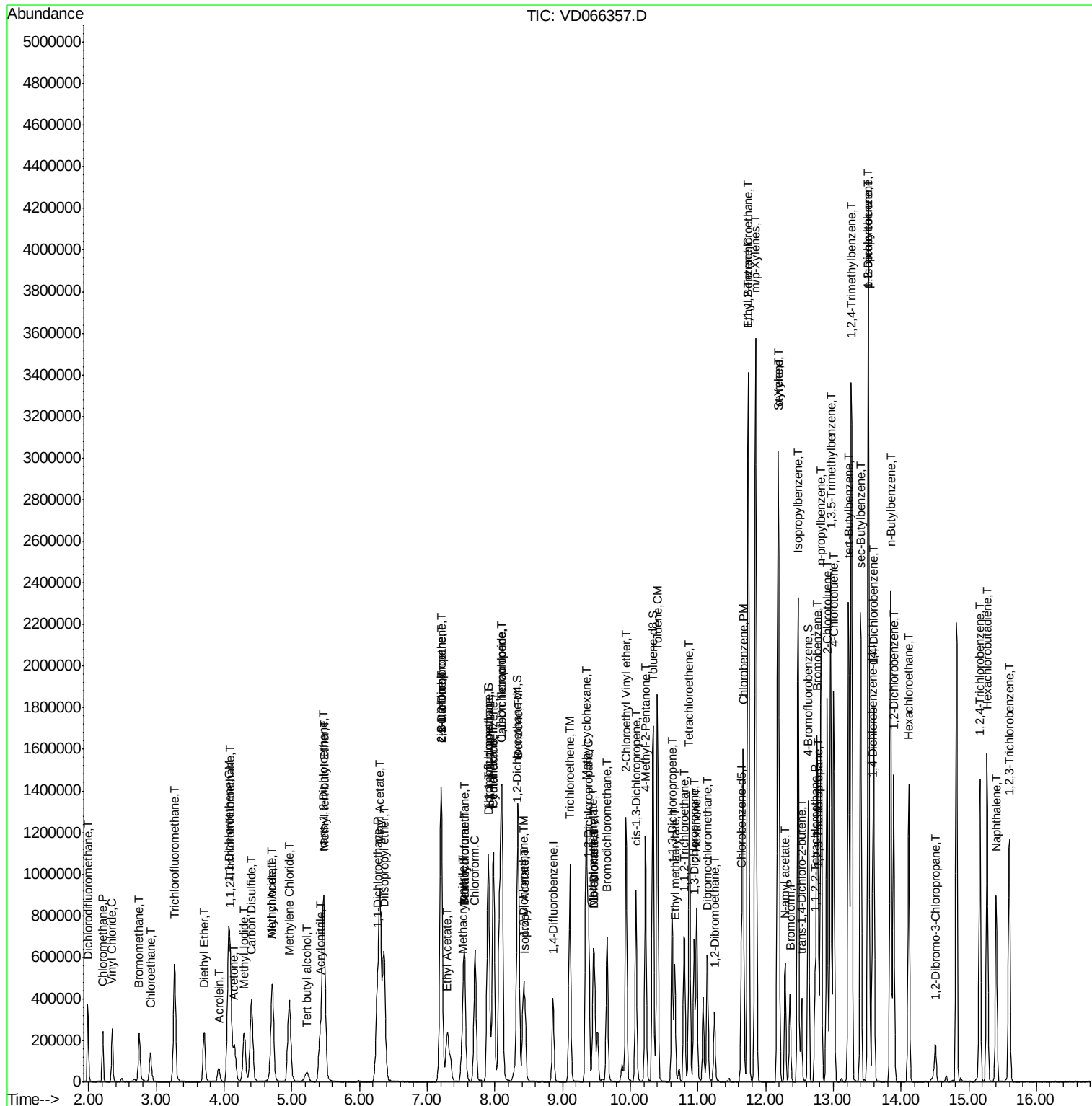
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082120\
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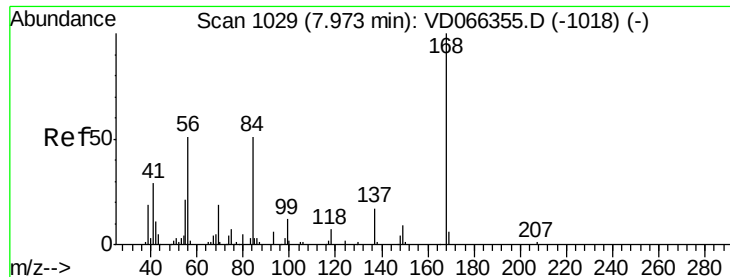
Instrument :
 MSVOA_D
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 236684

Ion Ratio Lower Upper

168 100

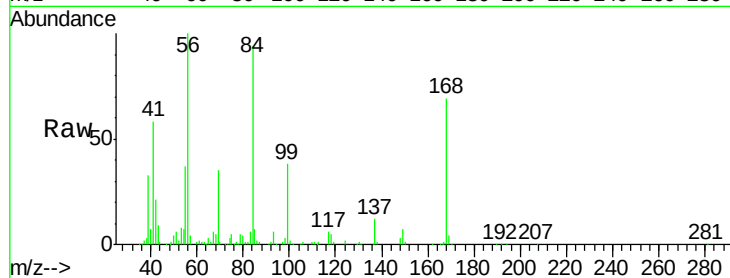
99 54.8 45.4 68.0

Manual Integrations

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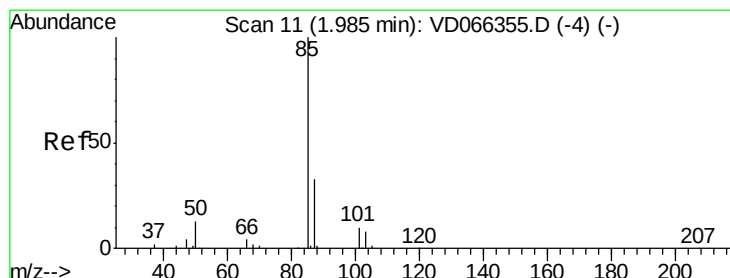
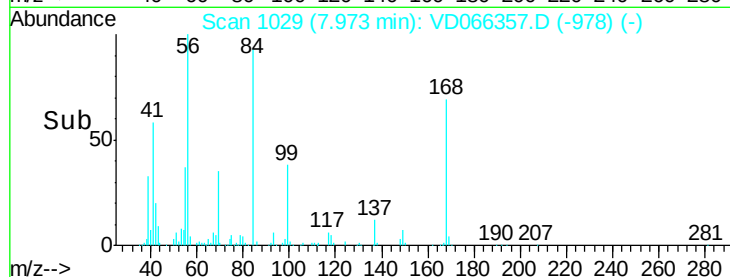
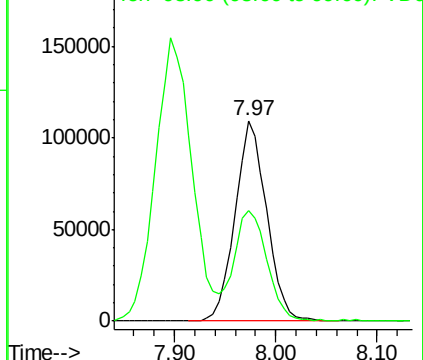
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 124.505 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066357.D

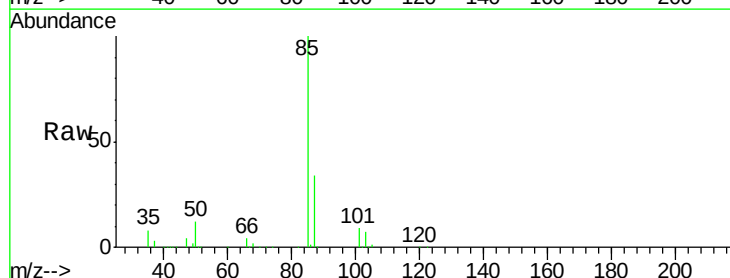
Acq: 21 Aug 2020 13:14

Tgt Ion: 85 Resp: 262985

Ion Ratio Lower Upper

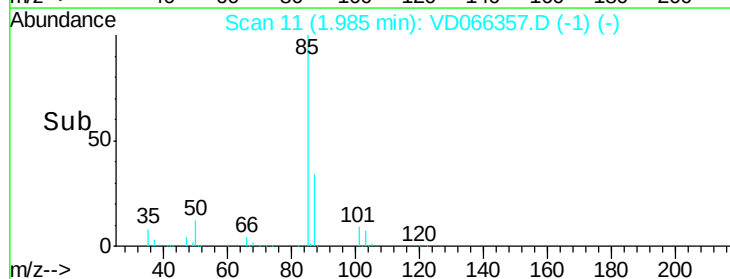
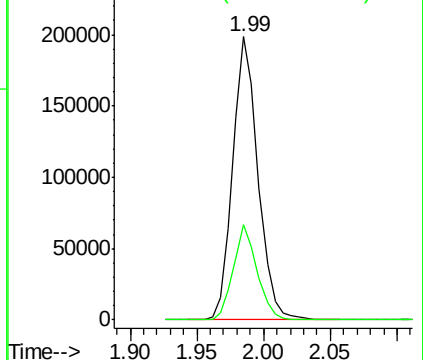
85 100

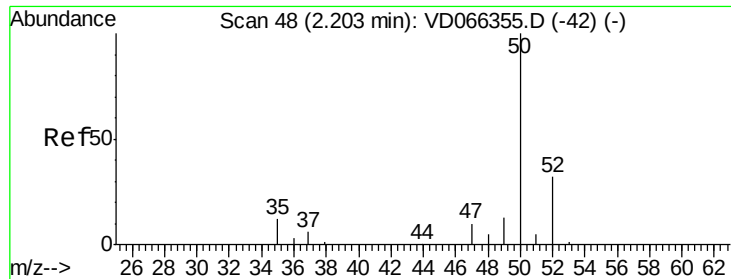
87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 136.043 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 201096

Ion Ratio Lower Upper

50 100

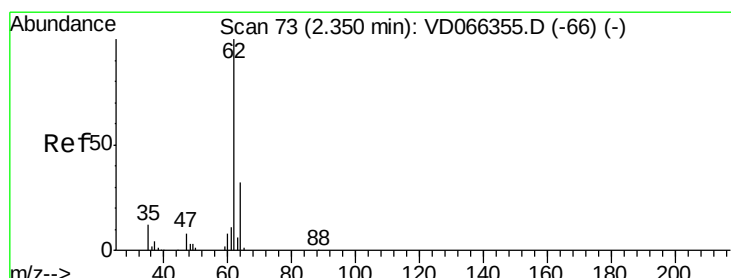
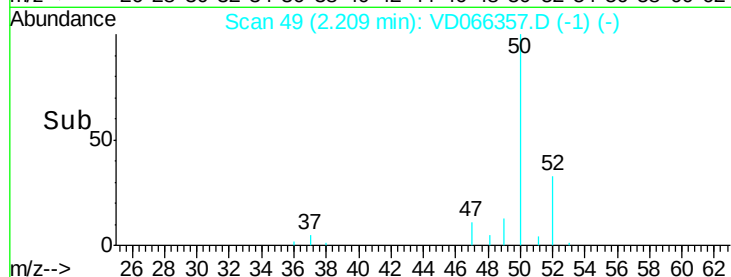
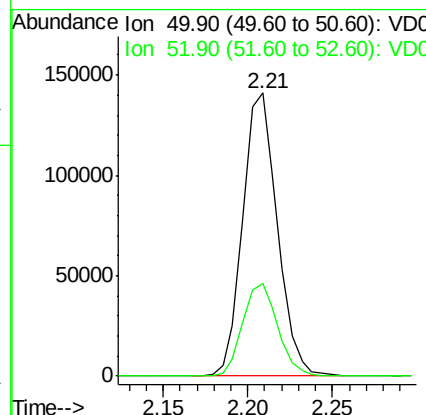
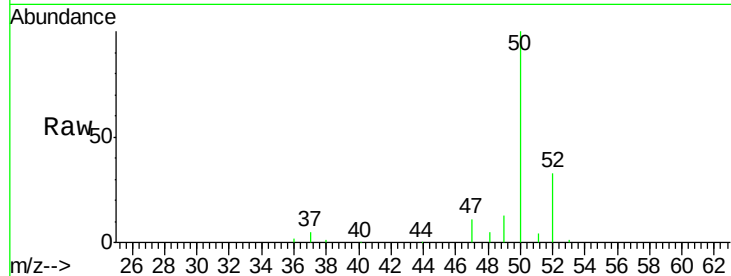
52 32.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 135.755 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066357.D

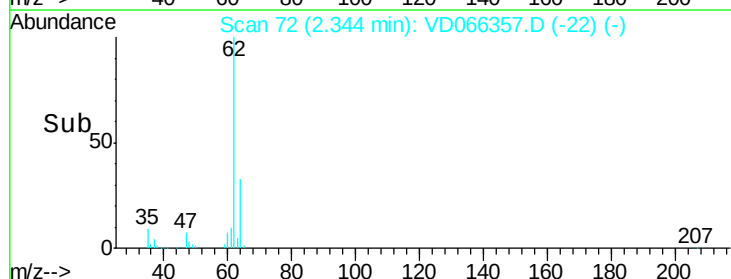
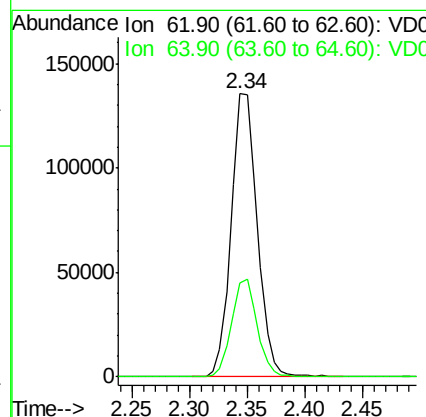
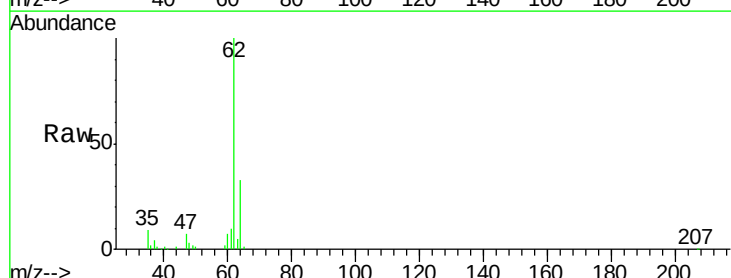
Acq: 21 Aug 2020 13:14

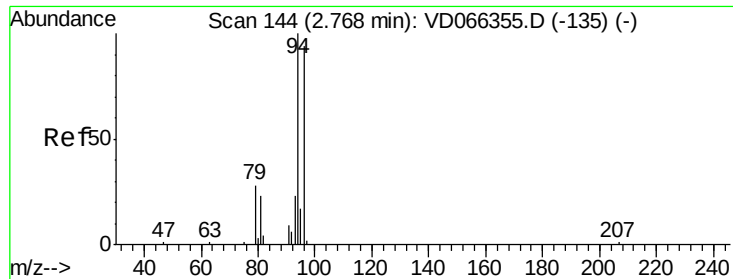
Tgt Ion: 62 Resp: 212746

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 136.778 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 161072

Ion Ratio Lower Upper

94 100

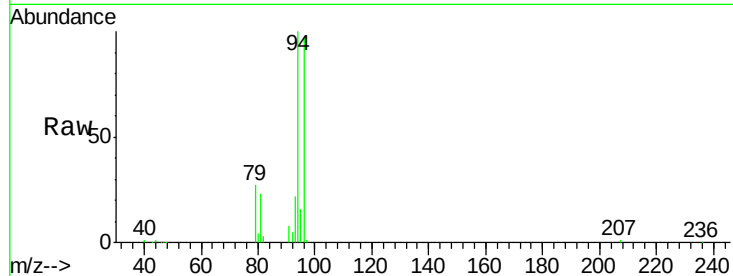
96 96.7 75.0 112.4

Manual Integrations

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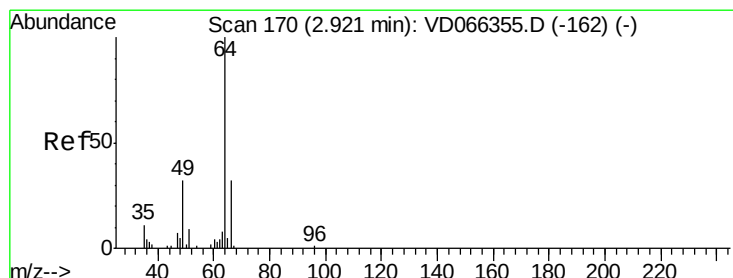
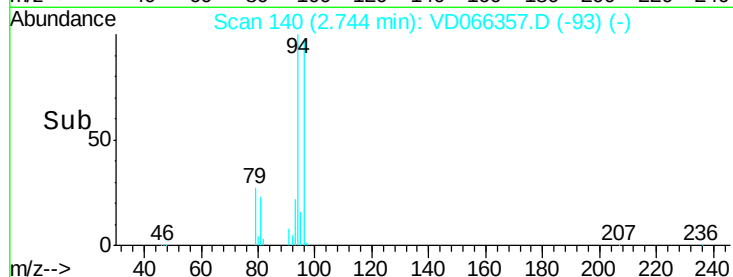
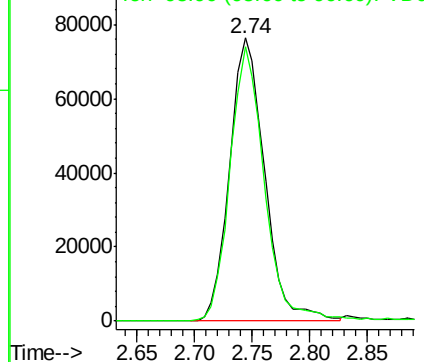
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 137.468 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066357.D

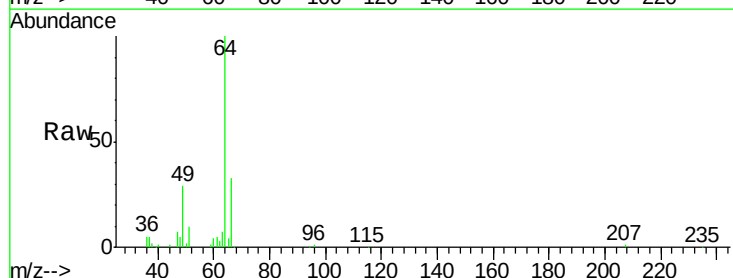
Acq: 21 Aug 2020 13:14

Tgt Ion: 64 Resp: 138865

Ion Ratio Lower Upper

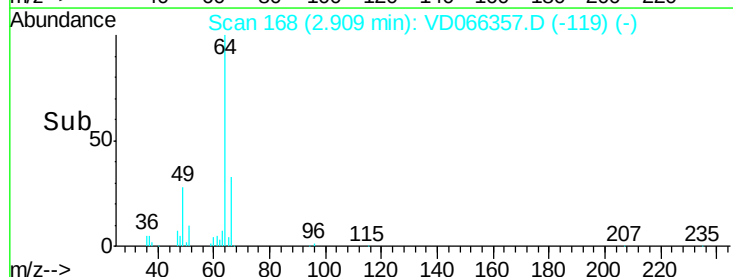
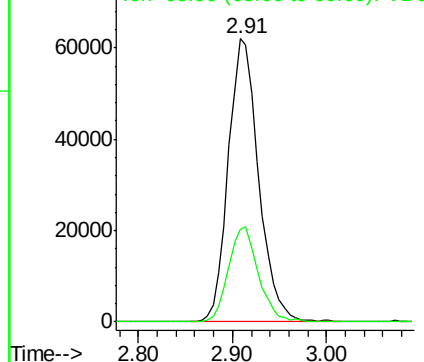
64 100

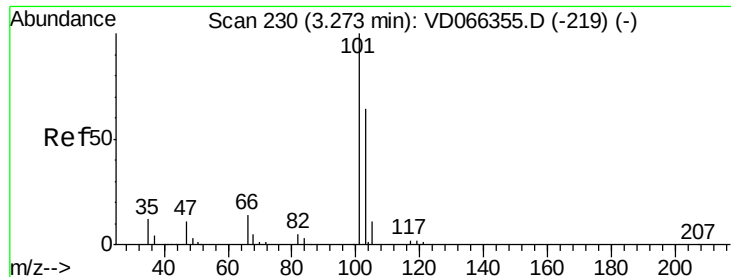
66 32.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

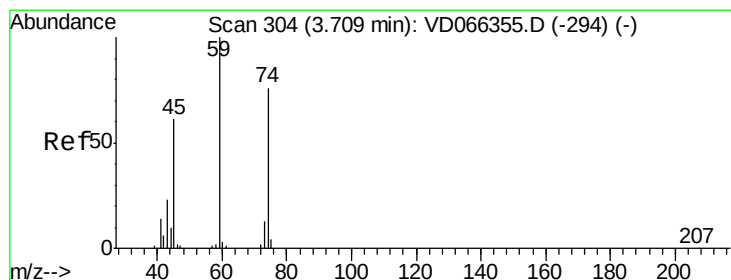
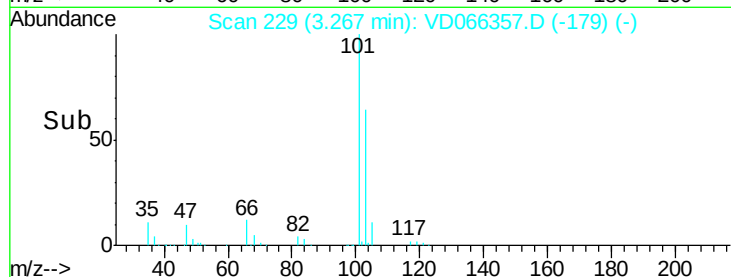
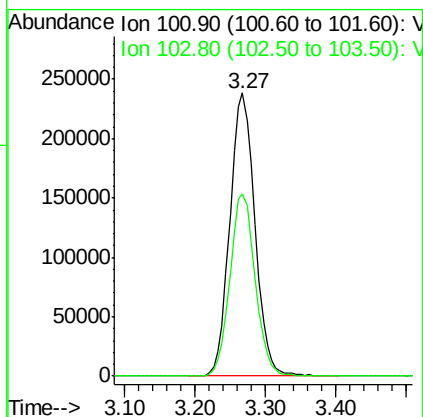
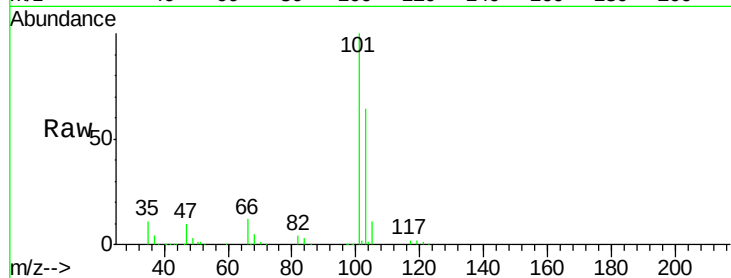
Trichlorofluoromethane
 Concen: 138.088 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066357.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	589349		
103	64.4	51.4	77.0	

Manual Integrations
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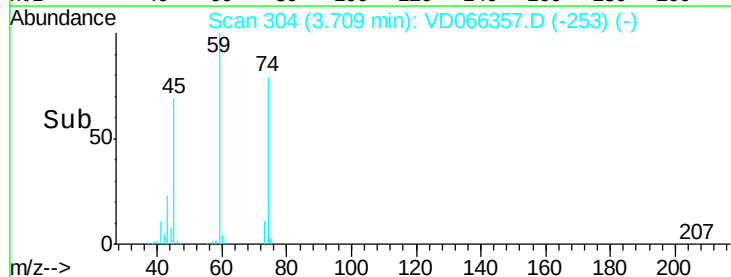
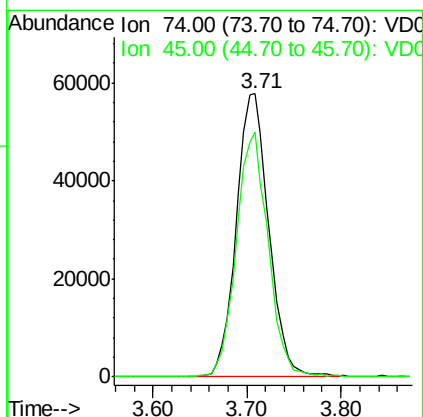
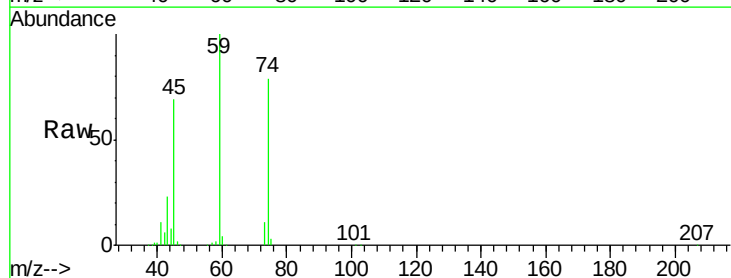
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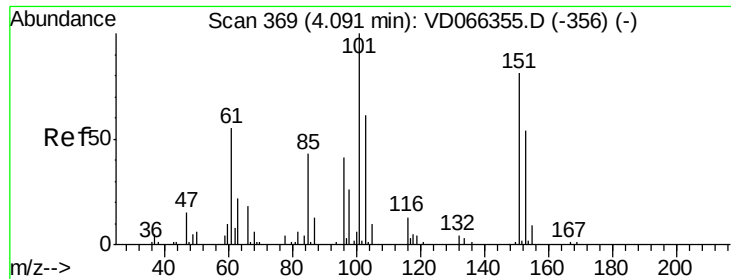


#8

Diethyl Ether
 Concen: 153.786 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066357.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	138439		
45	84.6	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 135.967 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

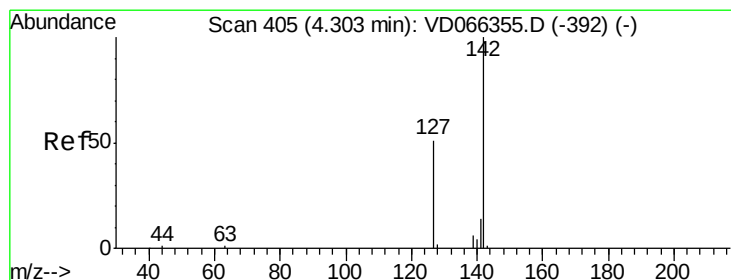
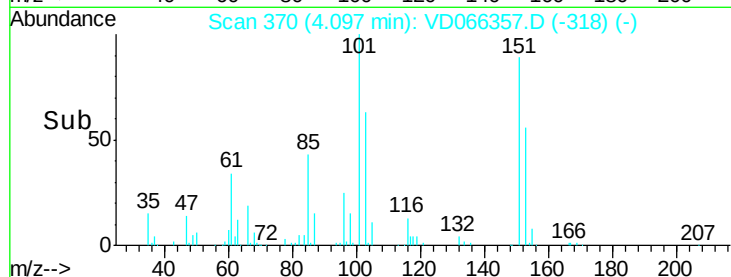
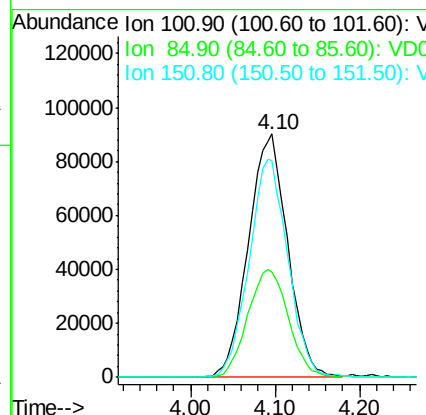
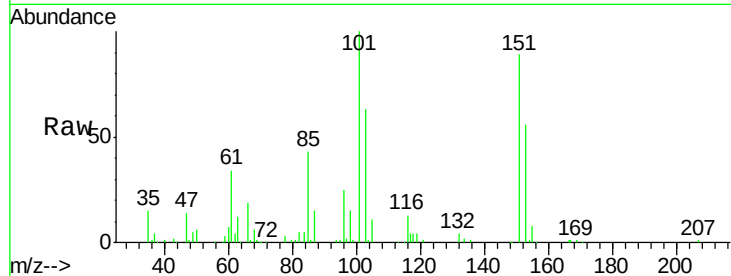
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	291427
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.4	54.6
151	88.9	70.5	105.7

Manual Integrations
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#10

Methyl Iodide

Concen: 171.840 ug/l

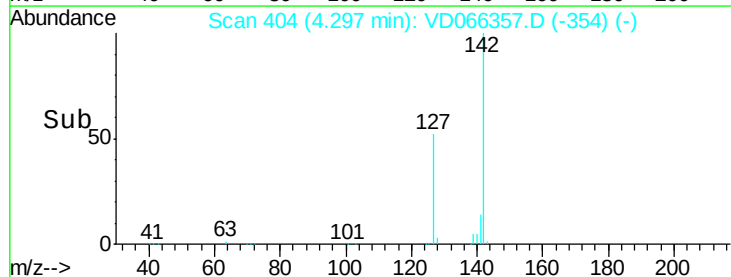
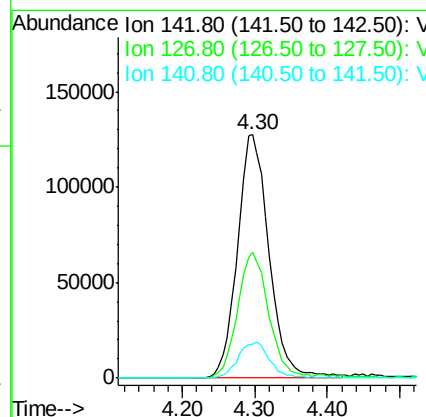
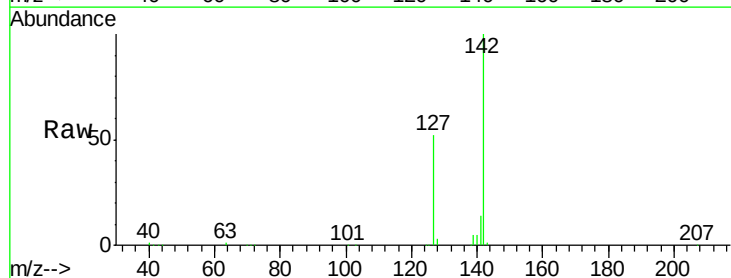
RT: 4.30 min Scan# 404

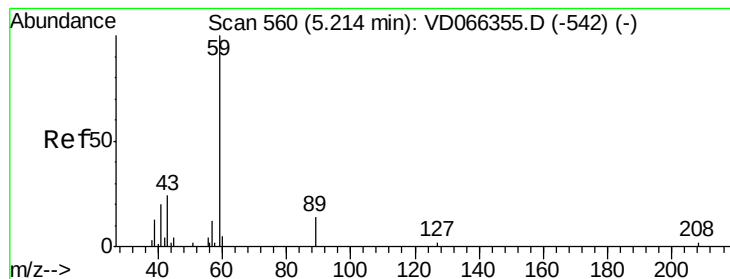
Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	142	Resp:	385757
Ion Ratio	Lower	Upper	
142	100		
127	50.9	41.8	62.8
141	14.7	11.8	17.6





#11

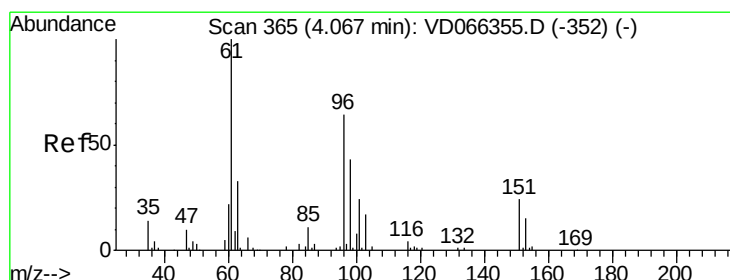
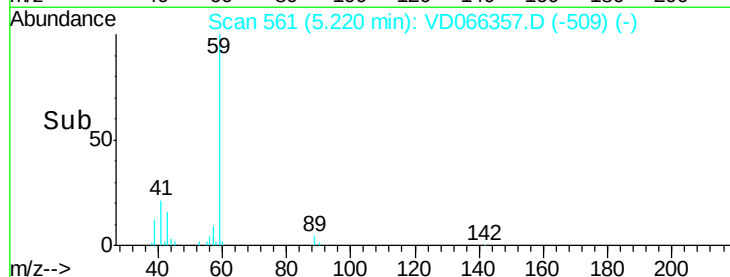
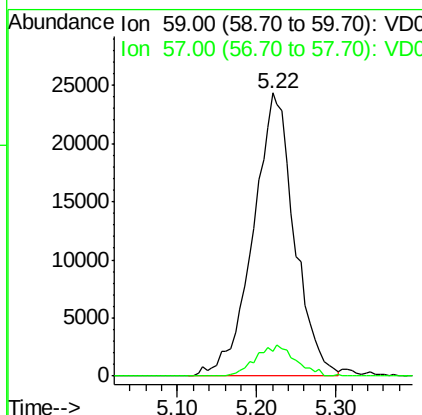
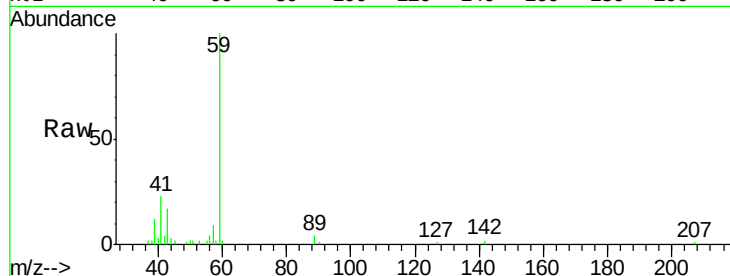
Tert butyl alcohol
Concen: 410.483 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.0	13.4

Manual Integrations
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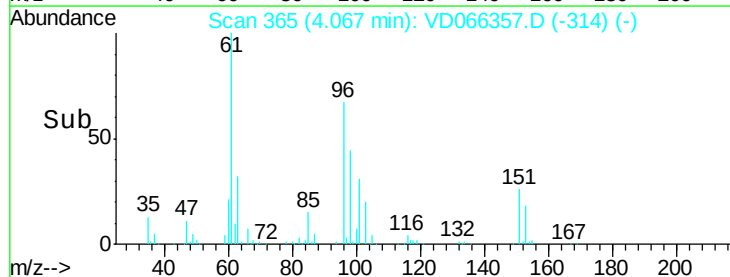
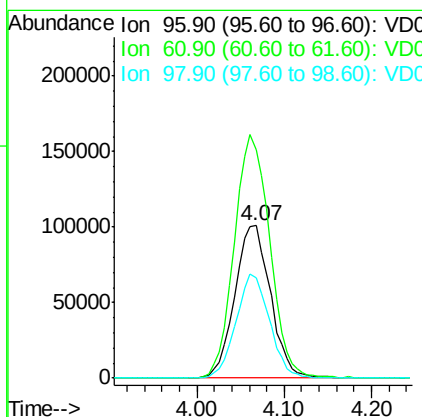
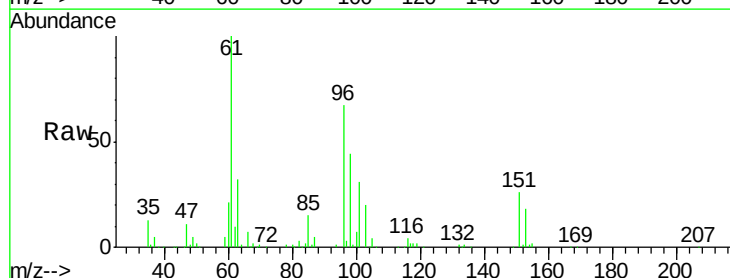
MMDadoda
8/24/2020 4:36:50 PM

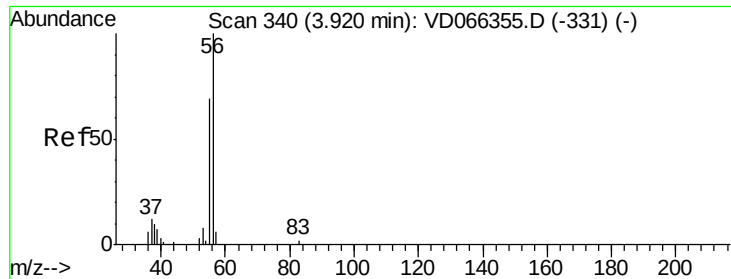


#12

1,1-Dichloroethene
Concen: 140.791 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	124.3	186.5
98	65.6	53.2	79.8





#13

Acrolein

Concen: 693.230 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 74534

Ion Ratio Lower Upper

56 100

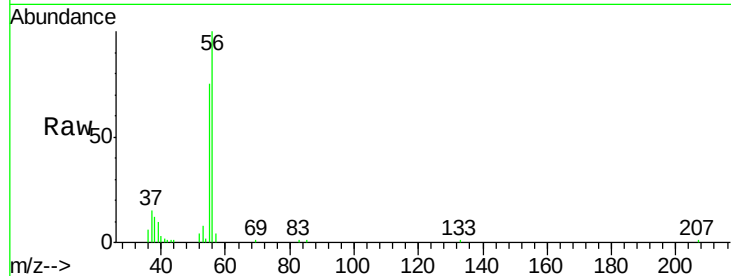
55 70.2 55.5 83.3

Manual Integrations

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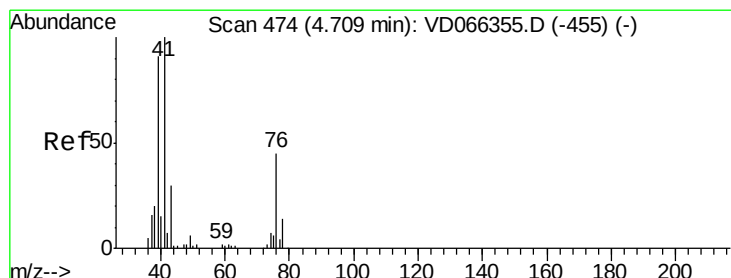
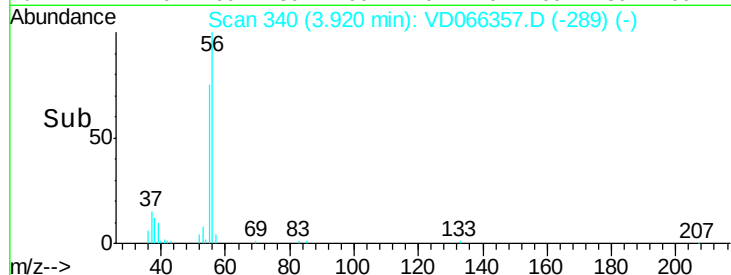
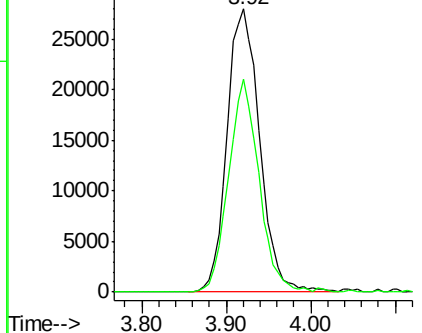
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 152.845 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

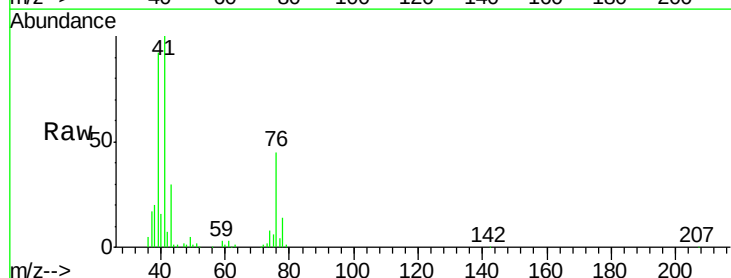
Tgt Ion: 41 Resp: 391681

Ion Ratio Lower Upper

41 100

39 90.5 72.8 109.2

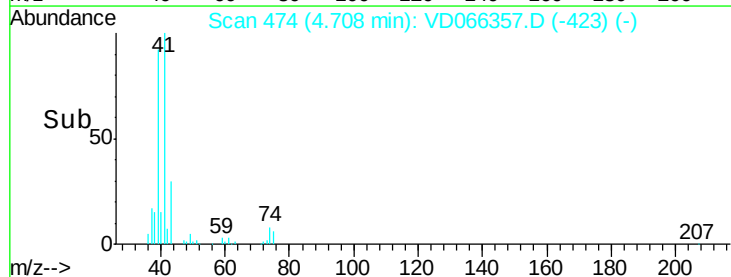
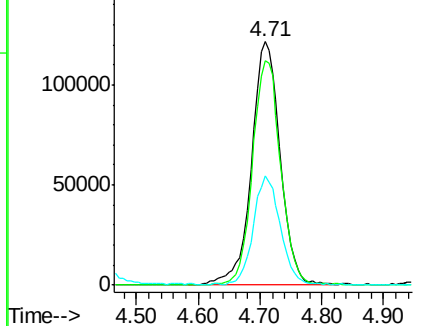
76 41.7 34.0 51.0

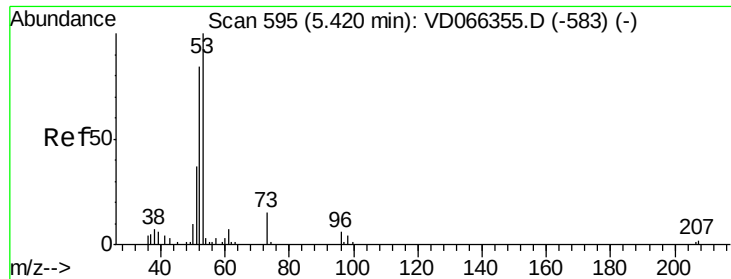


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 726.810 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

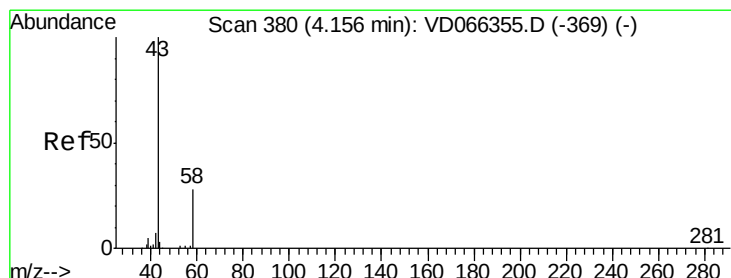
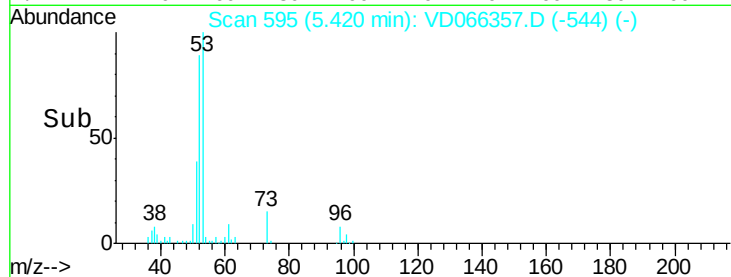
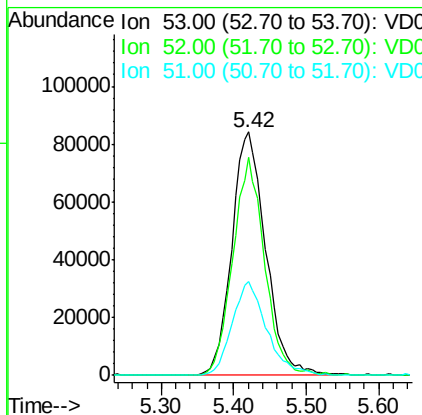
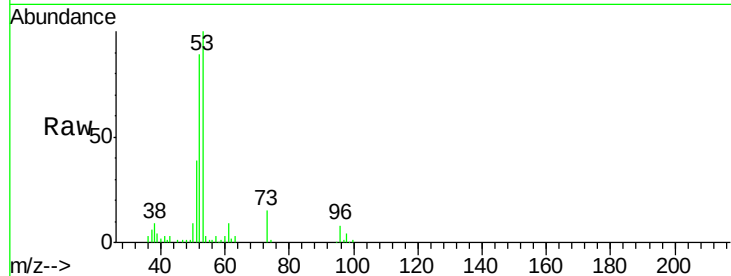
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	272591
Ion Ratio	Lower	Upper	
53	100		
52	83.8	68.1	102.1
51	39.5	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 708.640 ug/l

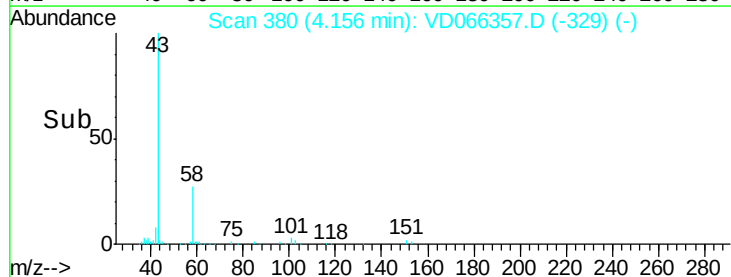
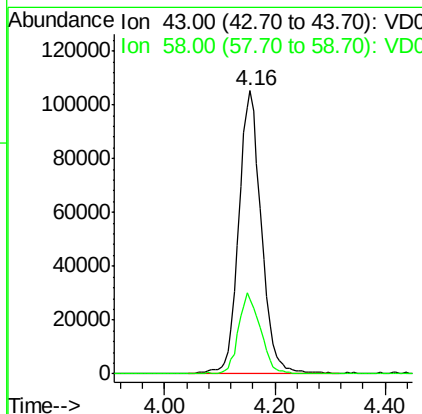
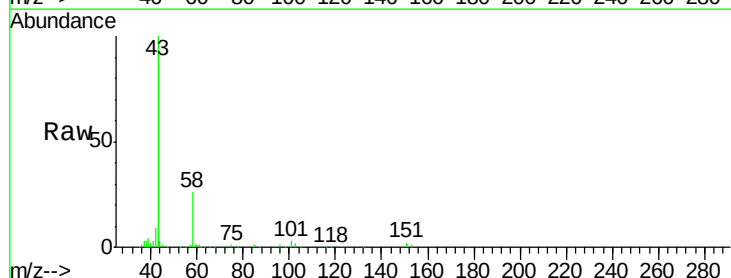
RT: 4.16 min Scan# 380

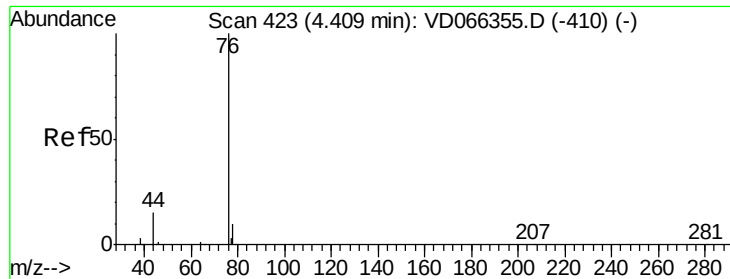
Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	43	Resp:	299687
Ion Ratio	Lower	Upper	
43	100		
58	26.5	22.7	34.1





#17

Carbon Disulfide

Concen: 143.618 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 850331

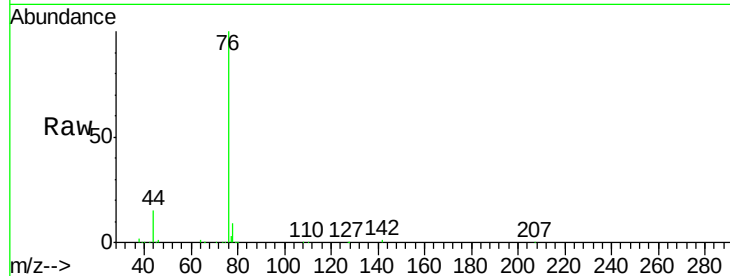
Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

Manual Integrations
APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

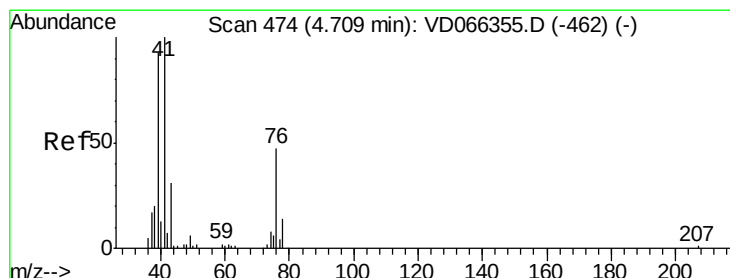
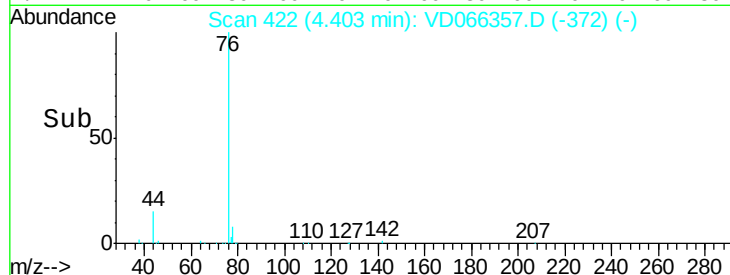
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 142.748 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066357.D

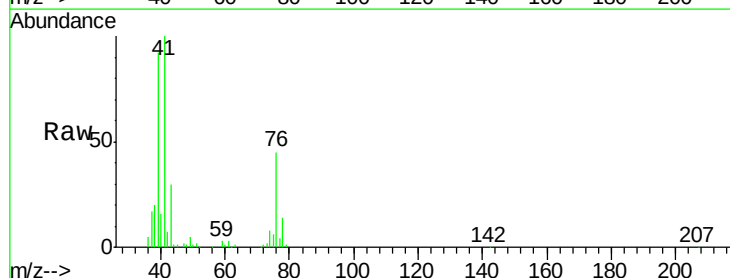
Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 112998

Ion Ratio Lower Upper

43 100

74 27.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

40000

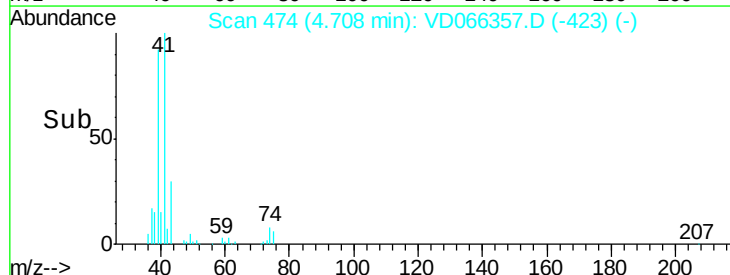
30000

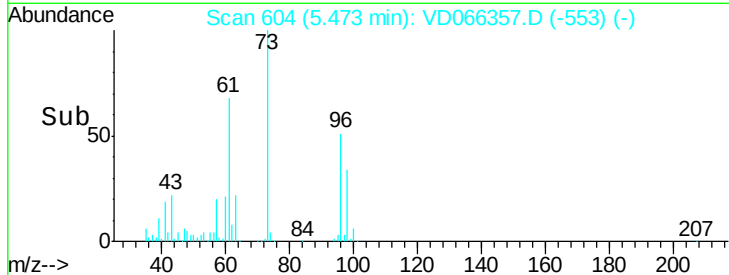
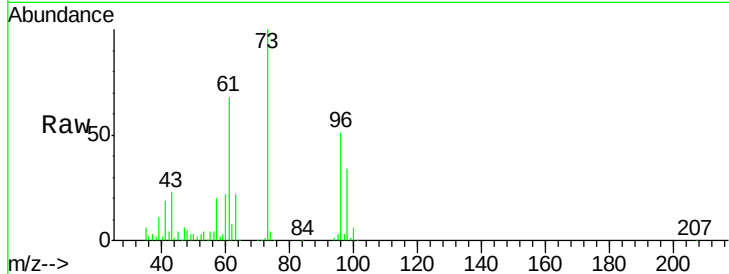
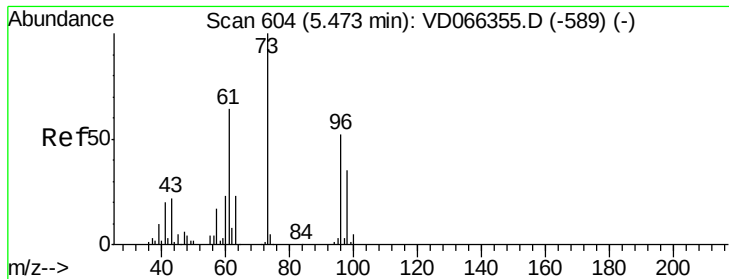
20000

10000

0

Time-->





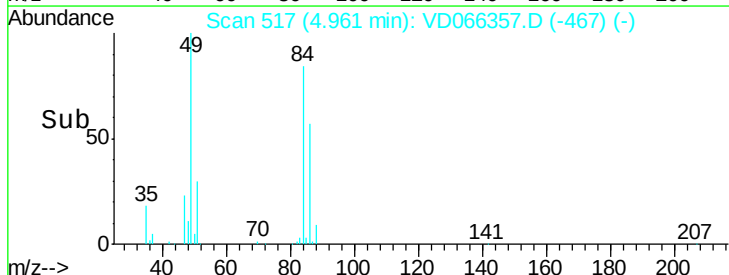
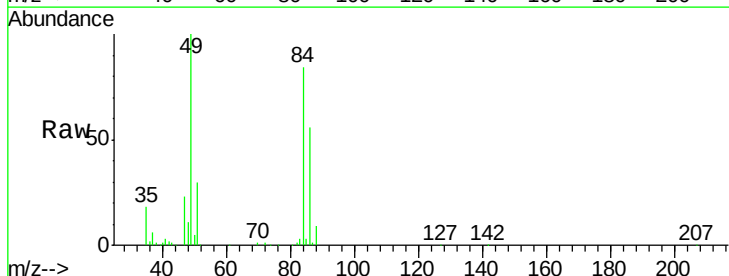
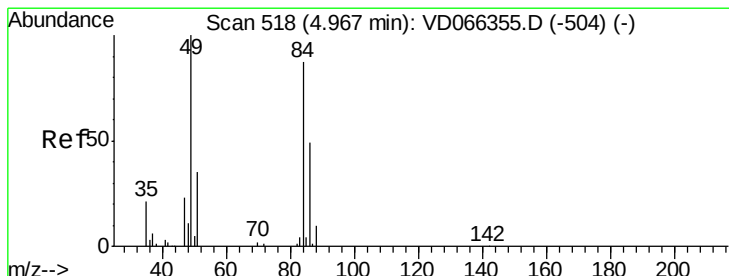
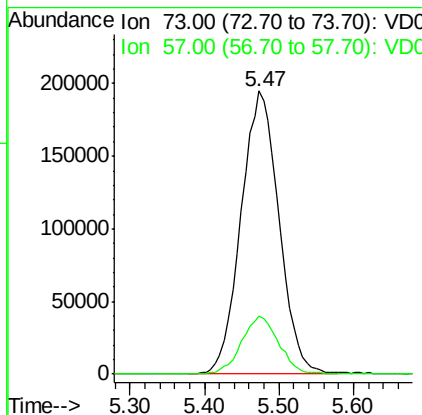
#19
Methyl tert-butyl Ether
Concen: 150.236 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tot Ion: 73 Resp: 688558
Ion Ratio Lower Upper
73 100
57 20.4 13.8 20.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

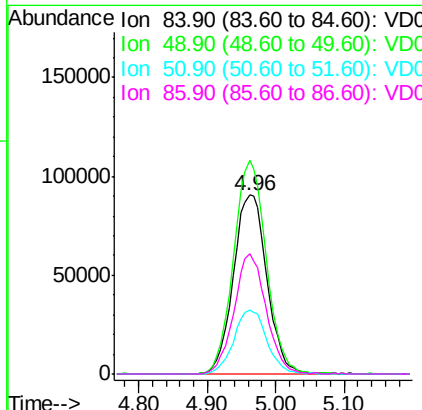
Manual Integrations
APPROVED

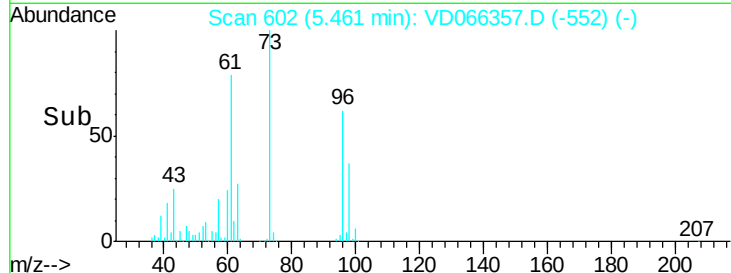
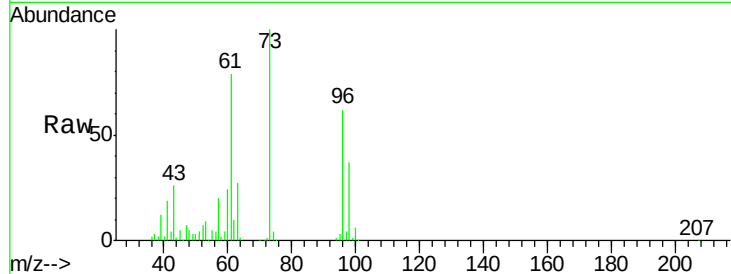
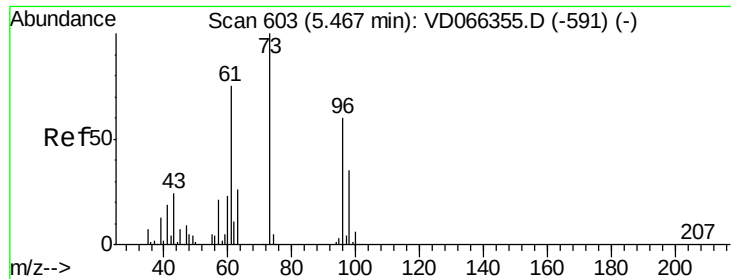
MMDadoda
8/24/2020 4:36:50 PM



#20
Methylene Chloride
Concen: 95.864 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion: 84 Resp: 307879
Ion Ratio Lower Upper
84 100
49 119.3 92.5 138.7
51 35.5 32.5 48.7
86 67.3 45.0 67.6





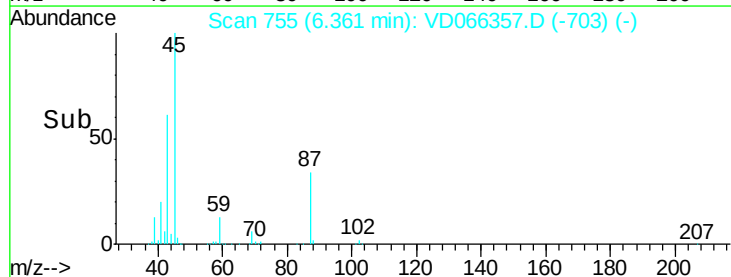
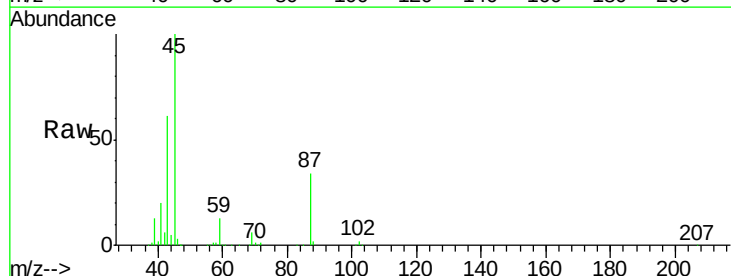
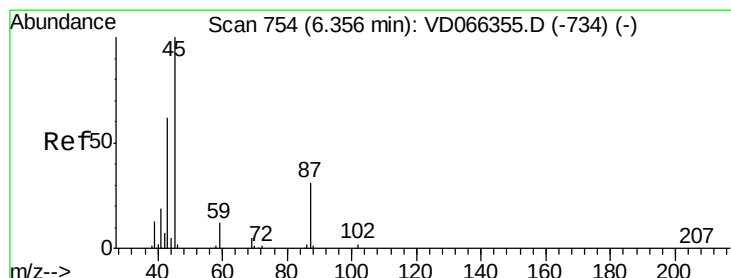
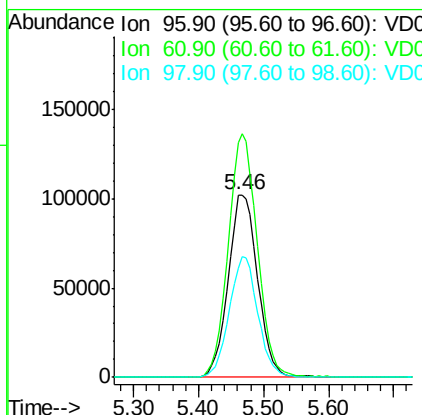
#21
trans-1,2-Dichloroethene
Concen: 143.174 ug/l
RT: 5.46 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.3	101.1	151.7	
98	60.0	47.0	70.6	

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

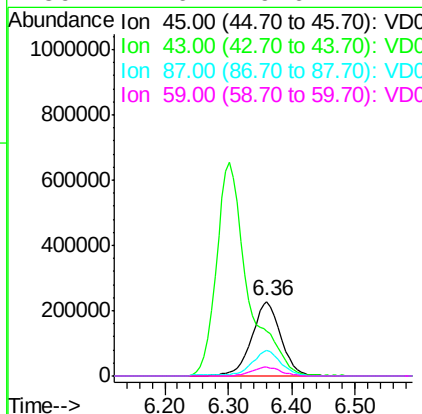
Manual Integrations
APPROVED

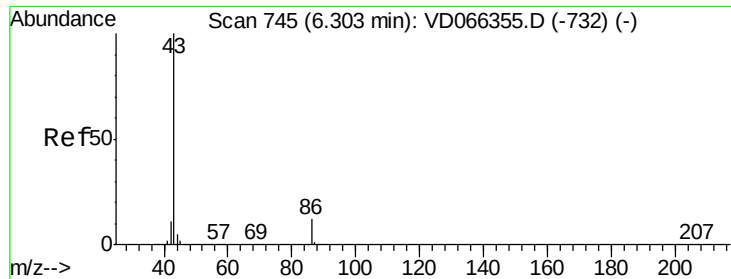
MMDadoda
8/24/2020 4:36:50 PM



#22
Diisopropyl ether
Concen: 146.589 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
43	60.1	49.8	74.8	
87	33.7	25.0	37.6	
59	12.6	9.6	14.4	





#23

Vinyl Acetate

Concen: 733.215 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2262484

Ion Ratio Lower Upper

43 100

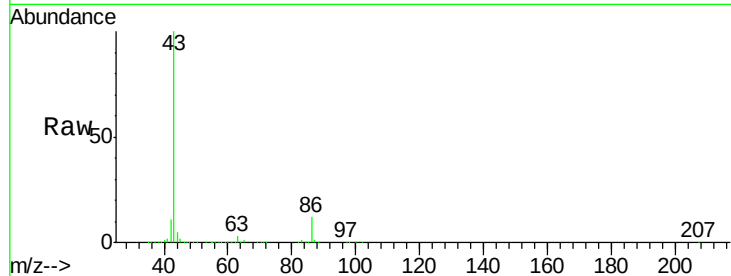
86 11.7 9.4 14.0

Manual Integrations

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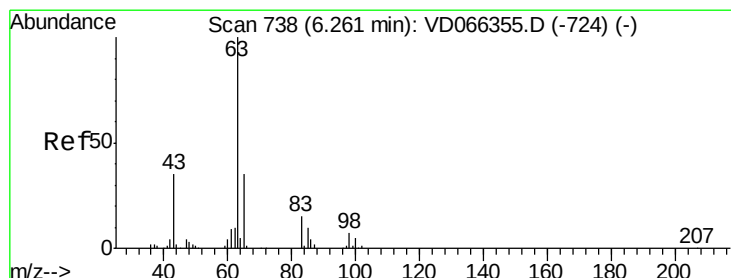
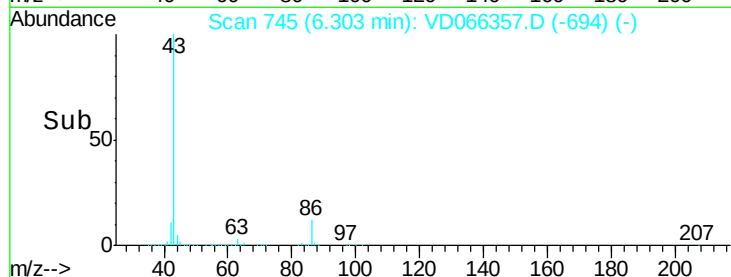
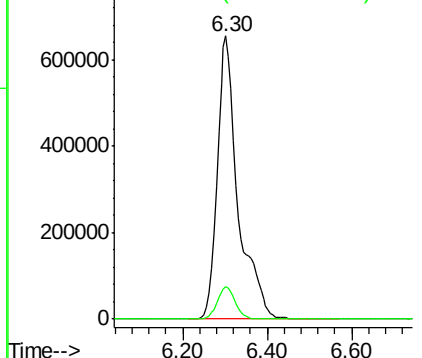
MMDadoda

8/24/2020 4:36:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 145.306 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

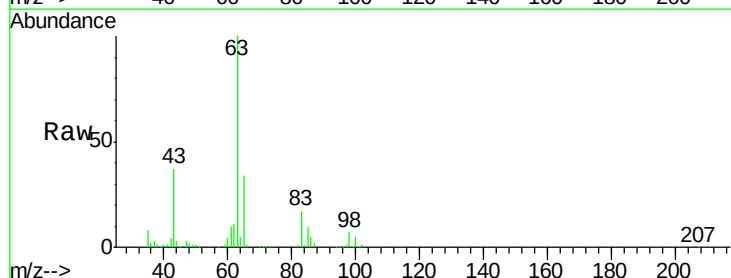
Tgt Ion: 63 Resp: 514206

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

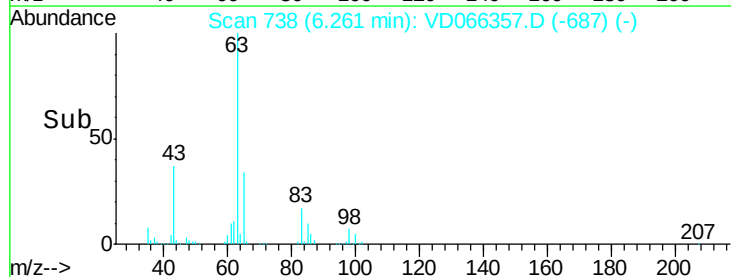
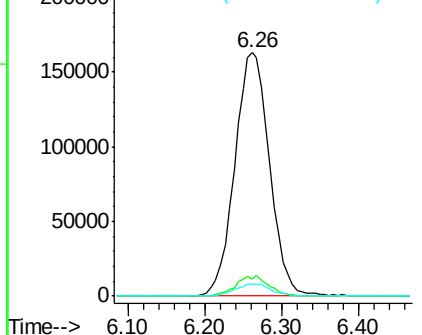
100 4.7 2.5 7.6

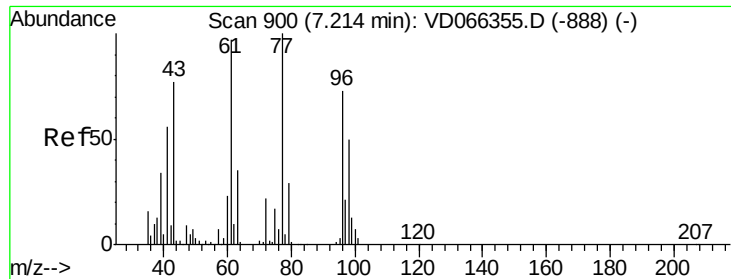


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 684.448 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 333908

Ion Ratio Lower Upper

43 100

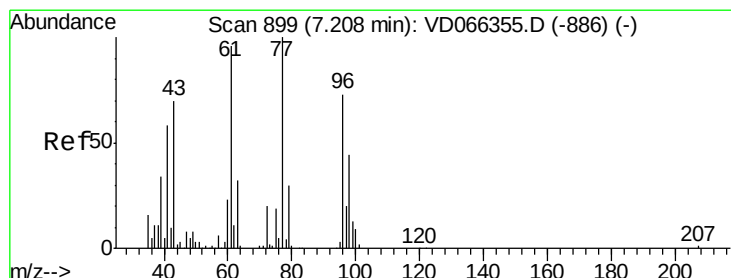
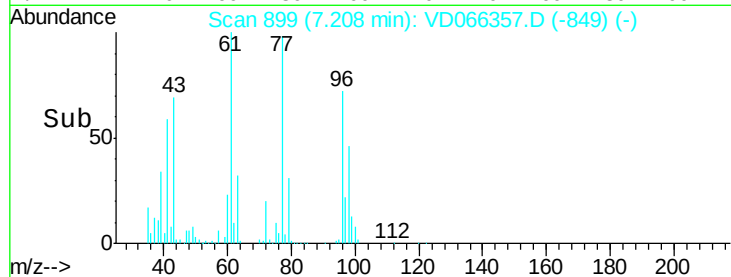
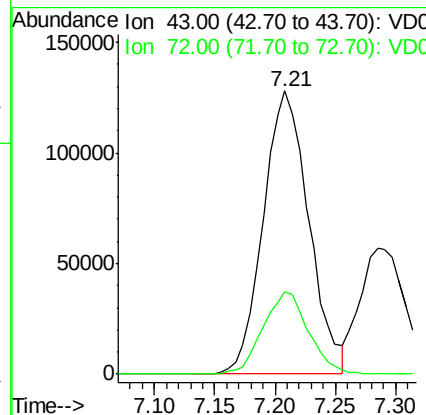
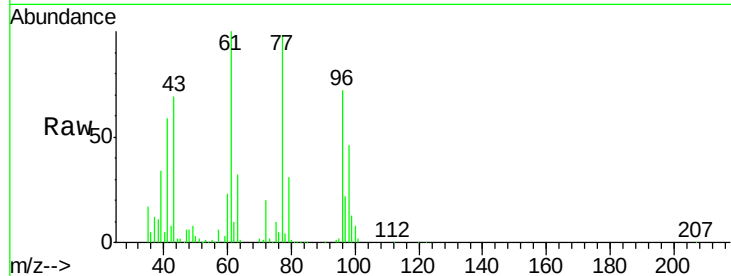
72 29.0 22.5 33.7

Manual Integrations

APPROVED

MMDadoda

8/24/2020 4:36:50 PM



#26

2,2-Dichloropropane

Concen: 138.394 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066357.D

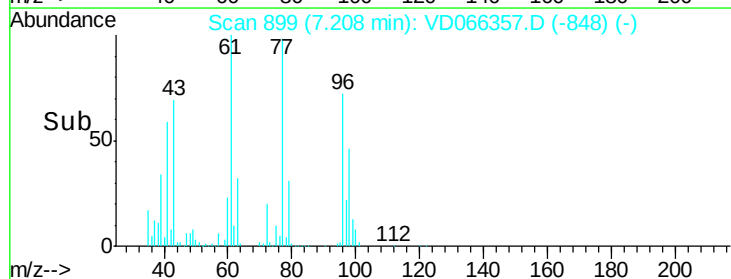
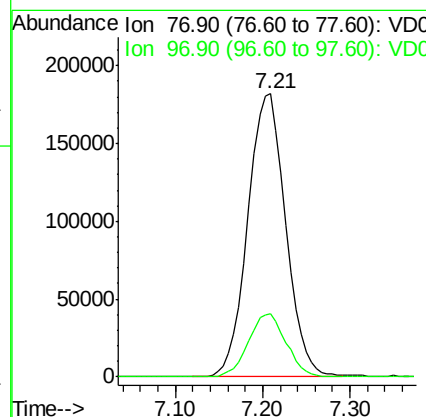
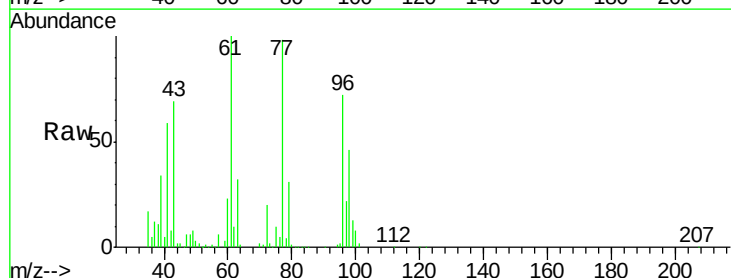
Acq: 21 Aug 2020 13:14

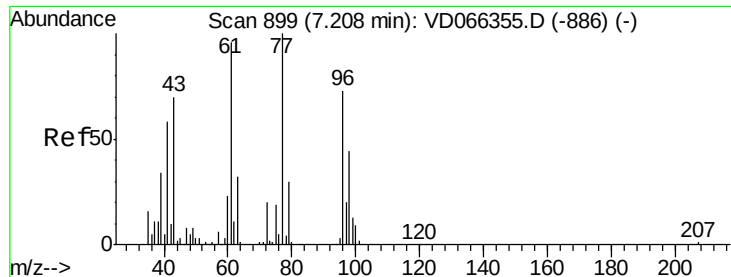
Tgt Ion: 77 Resp: 536784

Ion Ratio Lower Upper

77 100

97 22.2 10.7 31.9





#27

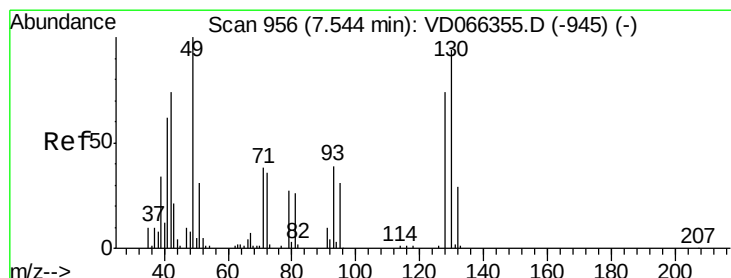
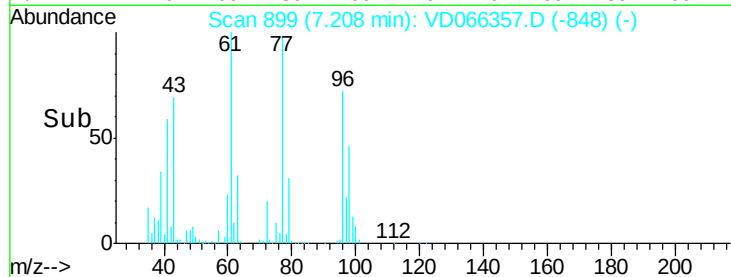
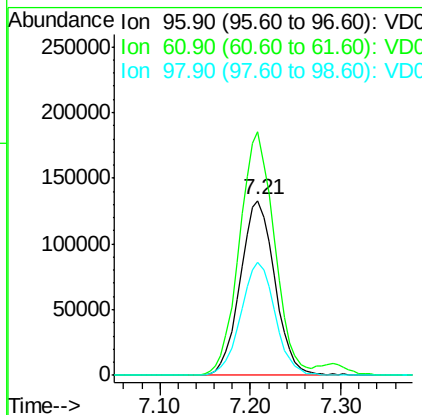
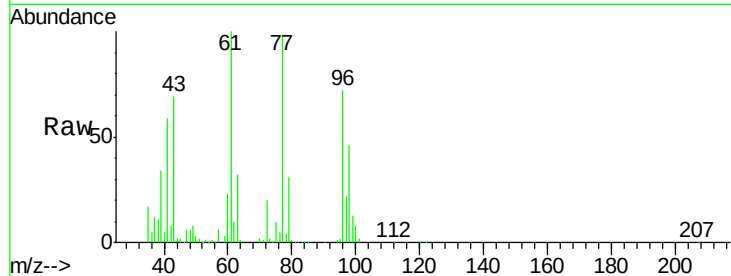
cis-1,2-Dichloroethene
Concen: 147.553 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	353289		
61	141.1		0.0	281.4
98	64.0		0.0	132.2

Manual Integrations
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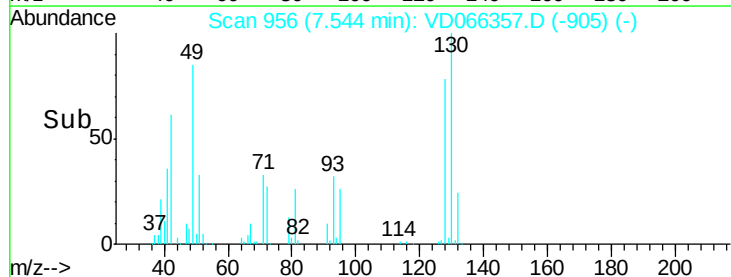
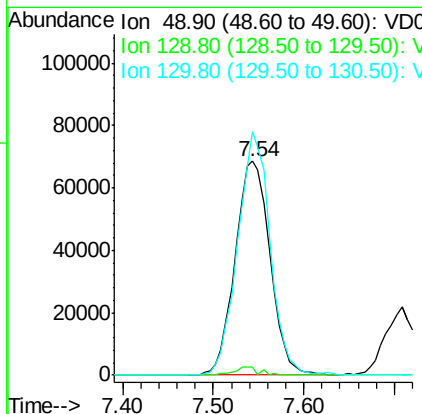
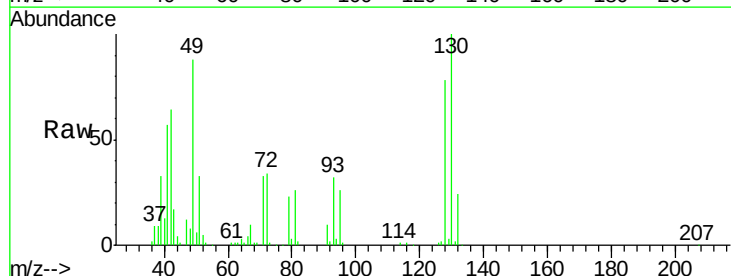
MMDadoda
8/24/2020 4:36:50 PM

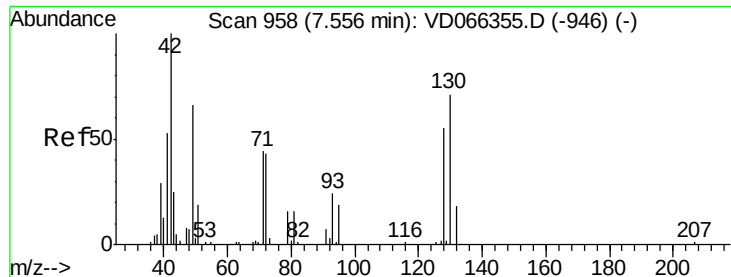


#28

Bromochloromethane
Concen: 151.898 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	183746		
129	2.6		0.0	3.0
130	105.1		82.6	124.0





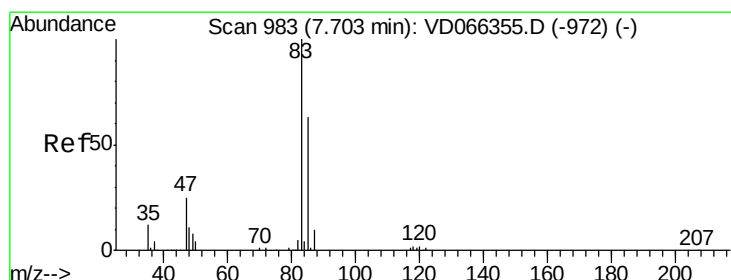
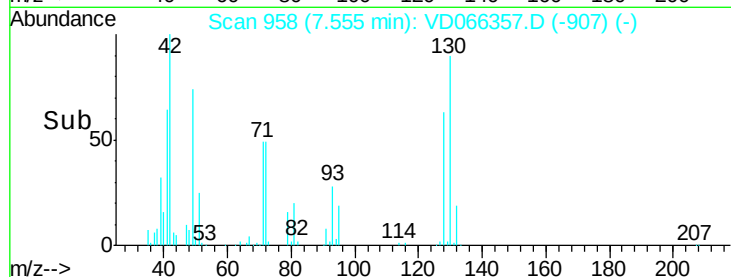
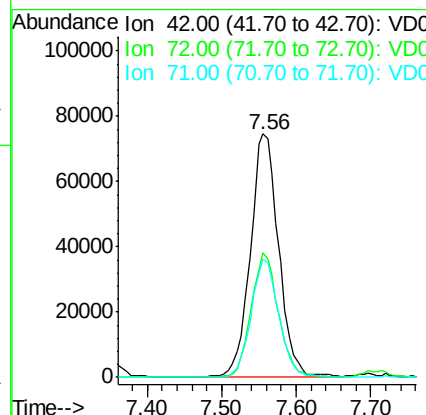
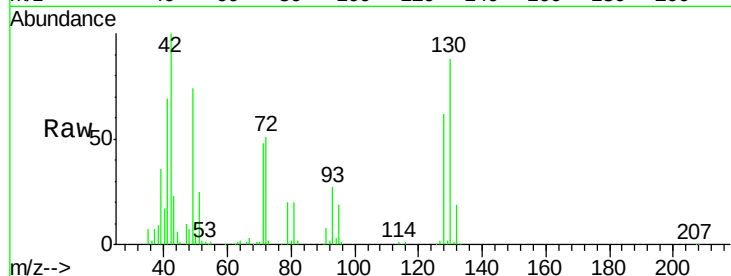
#29
Tetrahydrofuran
Concen: 724.379 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	41.0	61.4
71	47.4	37.2	55.8

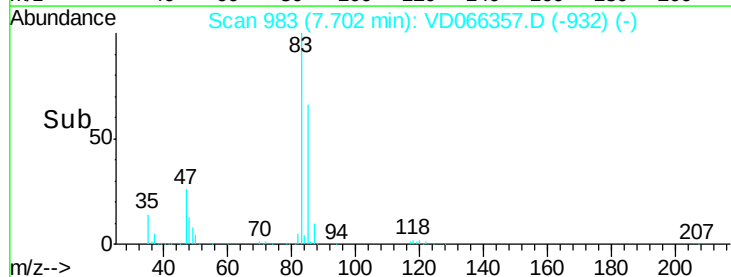
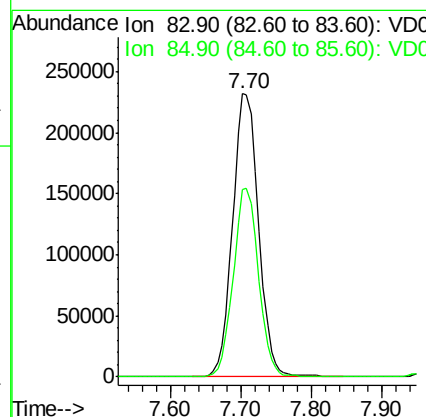
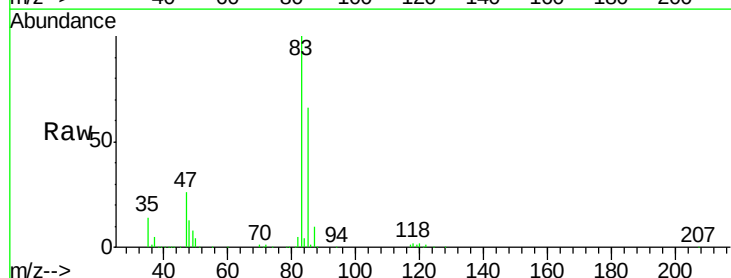
Manual Integrations
APPROVED

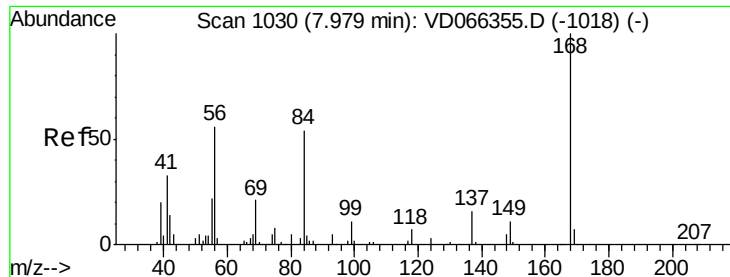
MMDadoda
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#30
Chloroform
Concen: 143.314 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5





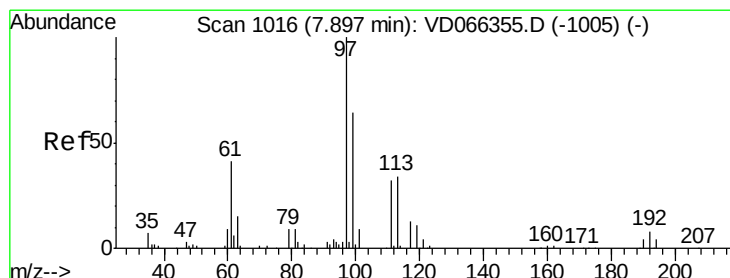
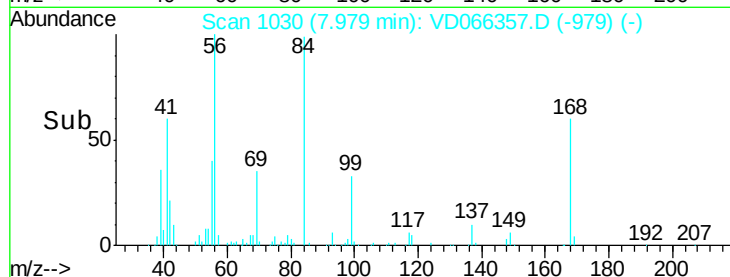
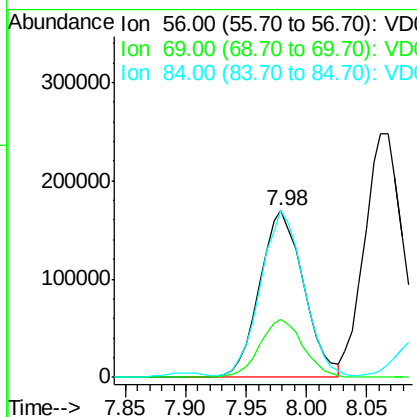
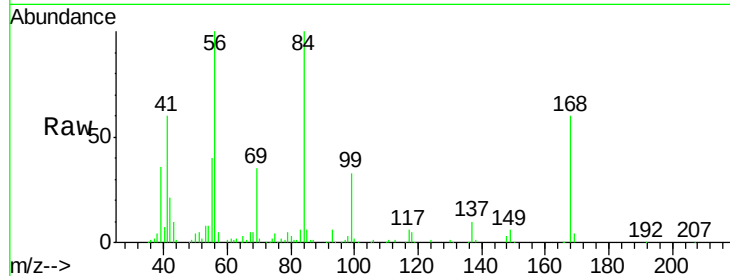
#31
Cyclohexane
Concen: 125.481 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		427304		
69	35.0	29.6	44.4		
84	97.6	76.6	115.0		

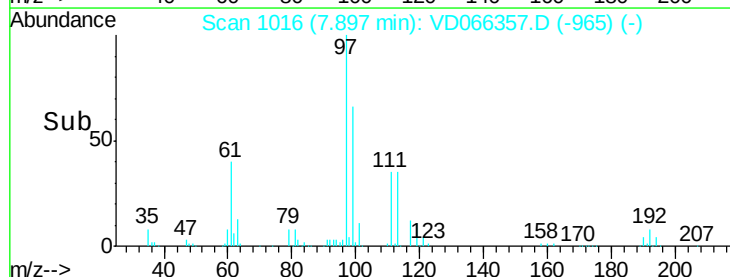
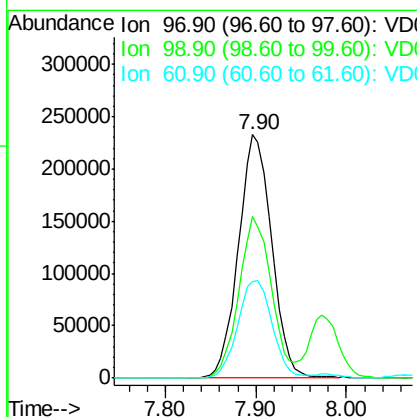
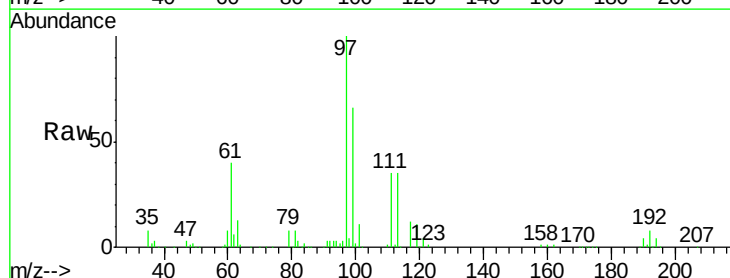
Manual Integrations
APPROVED

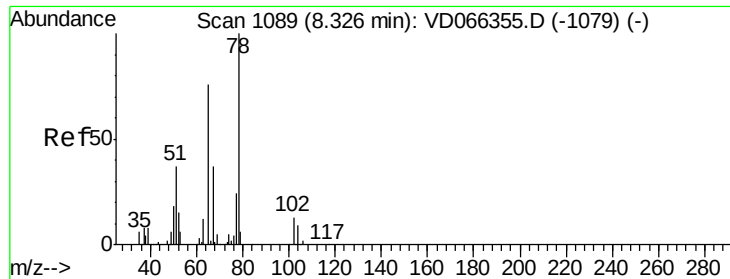
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#32
1,1,1-Trichloroethane
Concen: 143.896 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		595385		
99	65.1	51.5	77.3		
61	41.5	33.3	49.9		





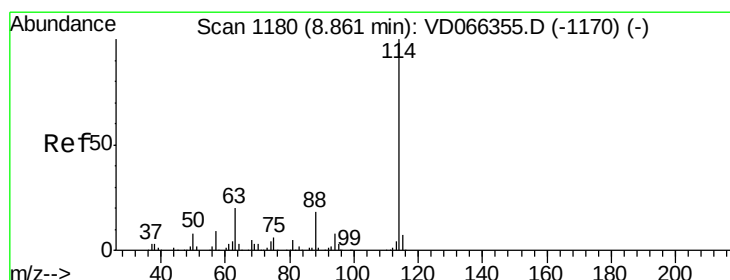
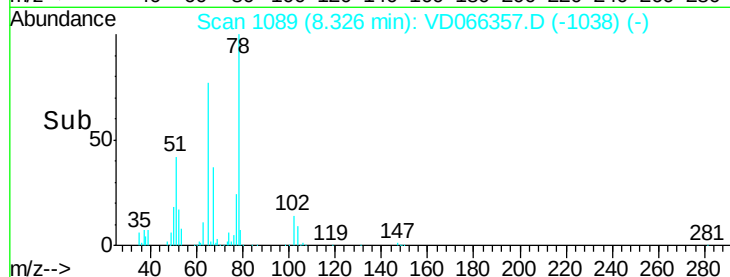
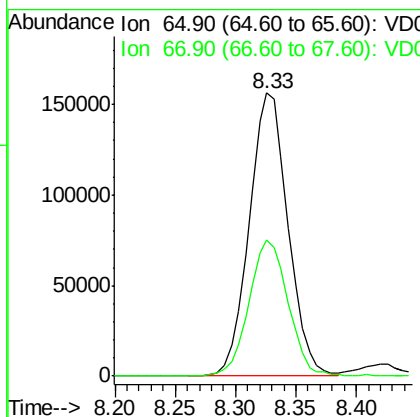
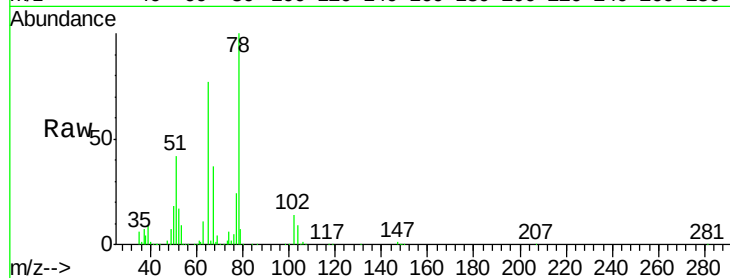
#33
 1,2-Dichloroethane-d4
 Concen: 153.917 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.4	0.0	101.6	

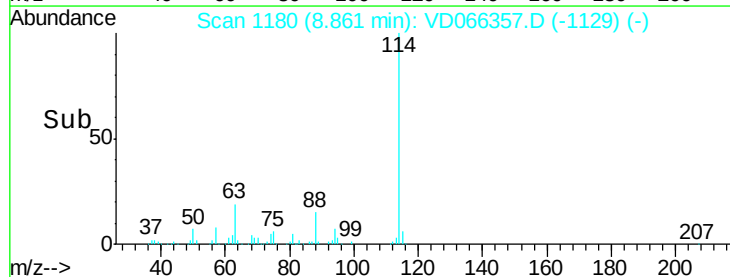
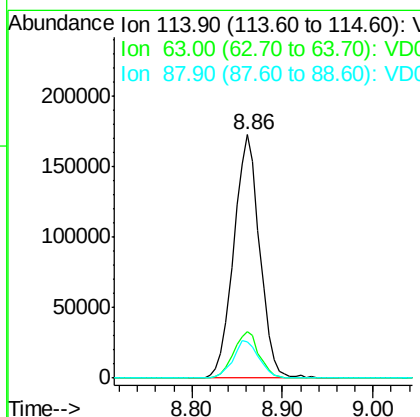
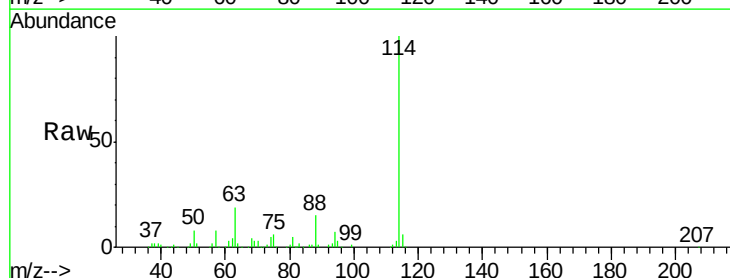
Manual Integrations
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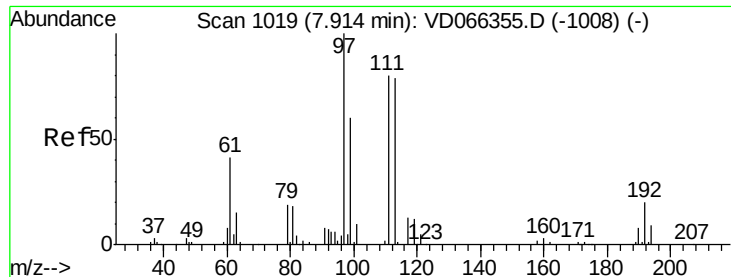
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	40.8	
88	14.7	0.0	35.4	





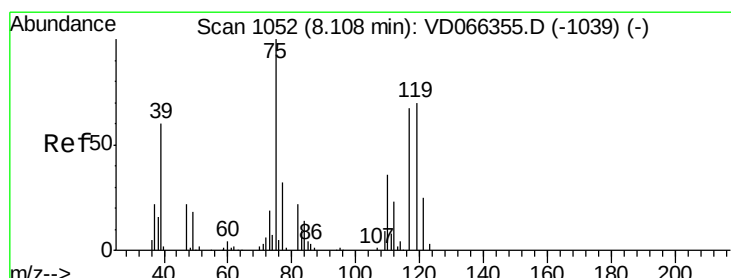
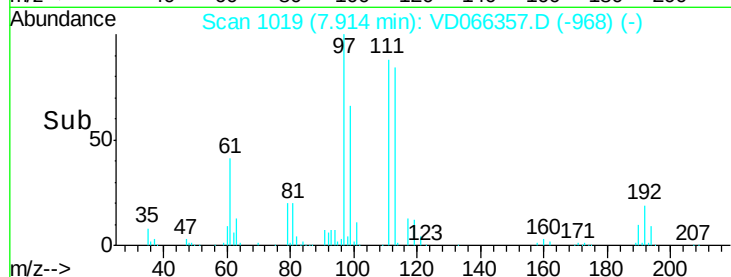
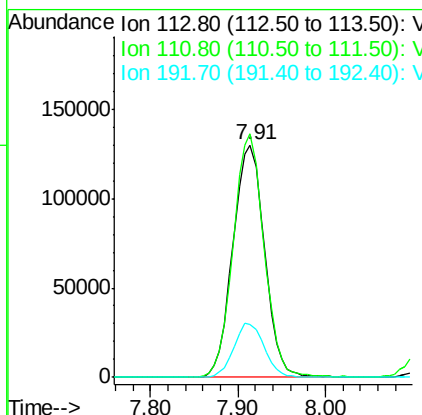
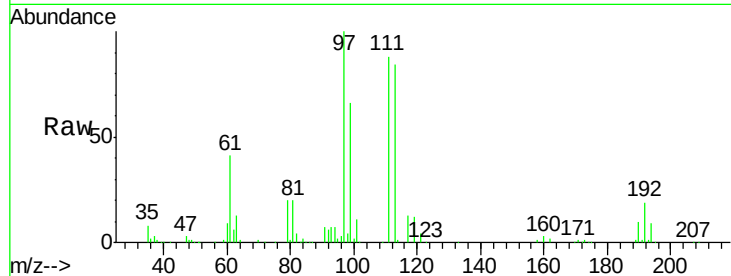
#35
 Dibromofluoromethane
 Concen: 147.968 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	319296		
111	101.5	80.3	120.5	
192	22.3	19.0	28.6	

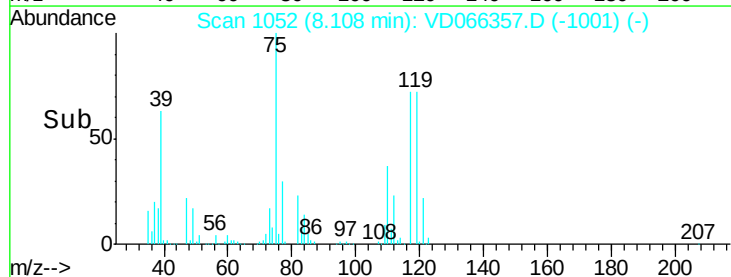
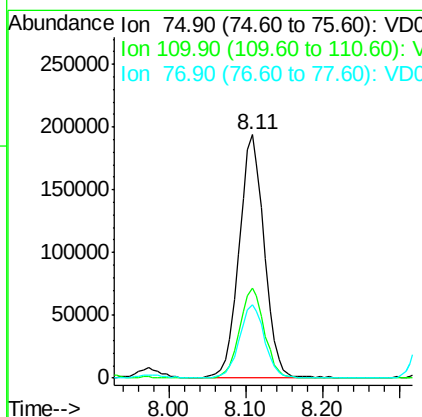
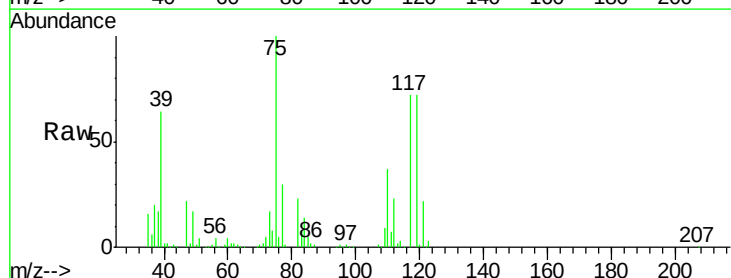
Manual Integrations
 APPROVED

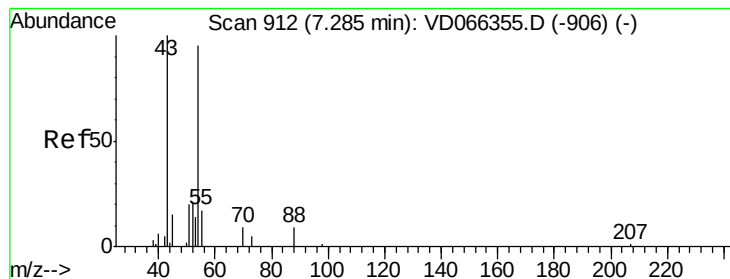
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 8/24/2020 4:36:50 PM



#36
 1,1-Dichloropropene
 Concen: 135.565 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	442227		
110	36.5	18.7	56.1	
77	30.4	25.2	37.8	





#37

Ethyl Acetate

Concen: 133.438 ug/l

RT: 7.28 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

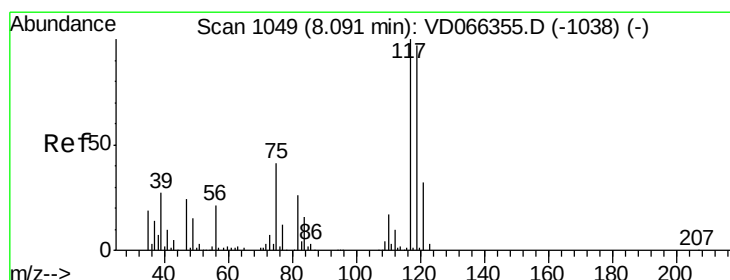
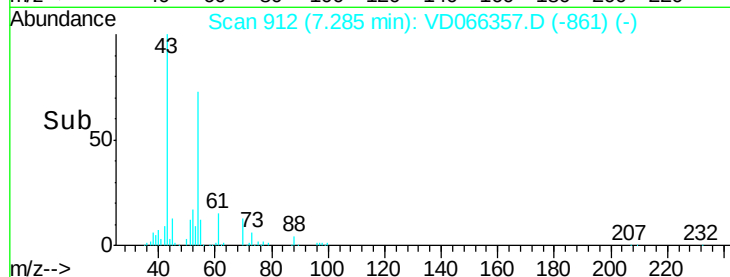
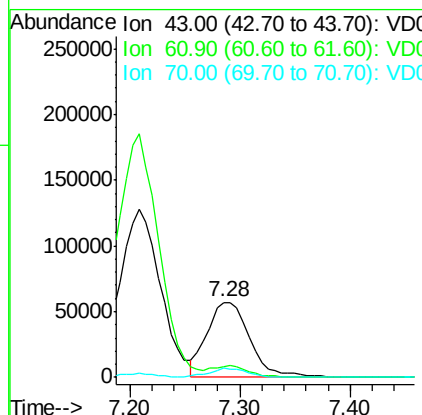
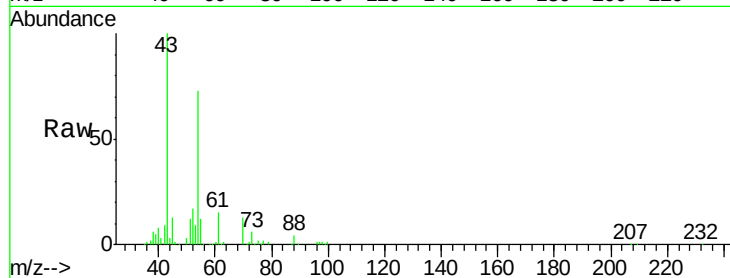
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	150104
Ion	Ratio	Lower	Upper
43	100		
61	13.1	13.3	19.9#
70	11.5	3.5	5.3#

Manual Integrations
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8/24/2020 4:36:50 PM



#38

Carbon Tetrachloride

Concen: 136.874 ug/l

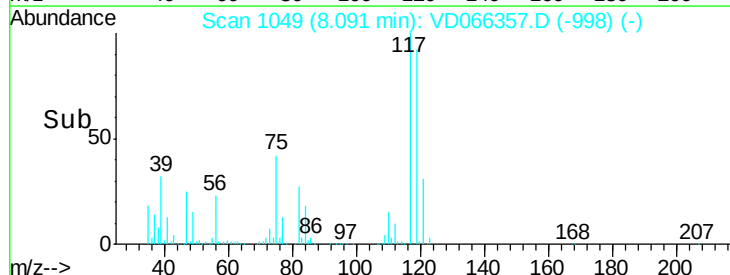
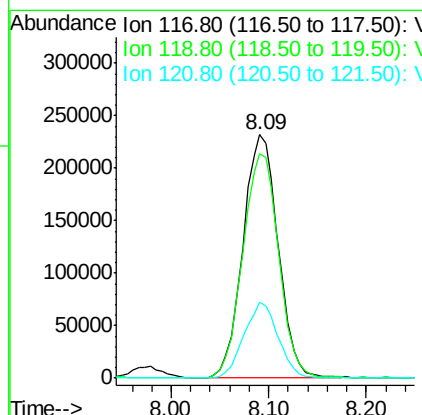
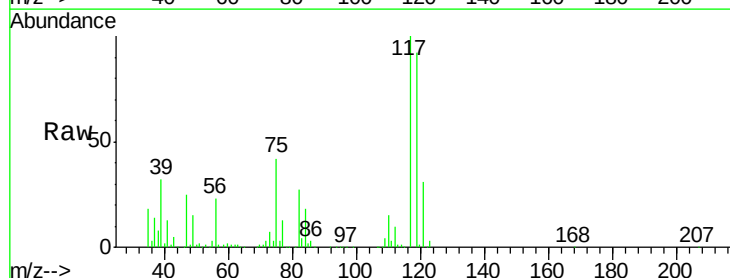
RT: 8.09 min Scan# 1049

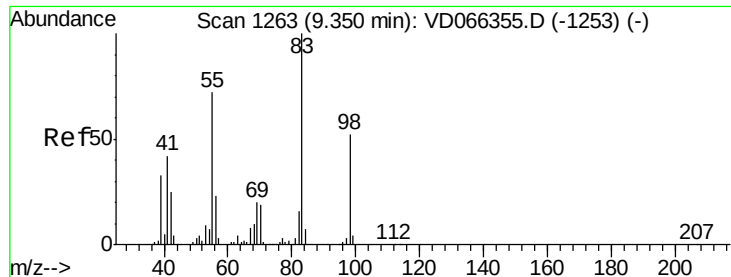
Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	117	Resp:	582554
Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.2	115.8
121	31.5	25.8	38.8





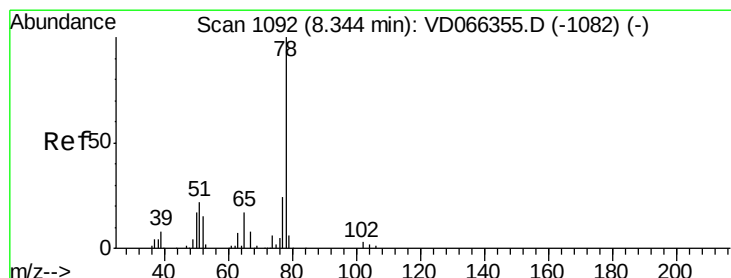
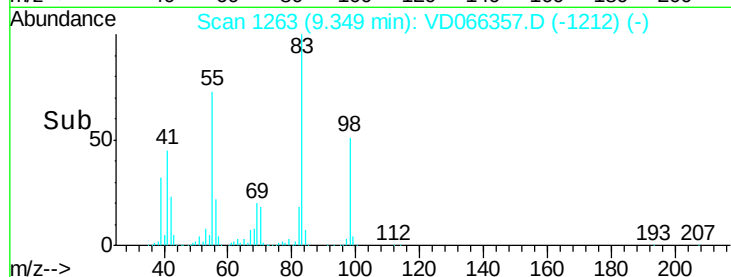
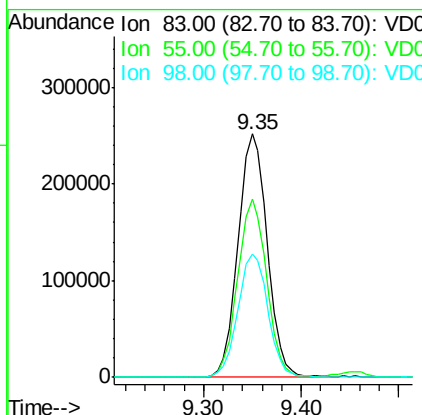
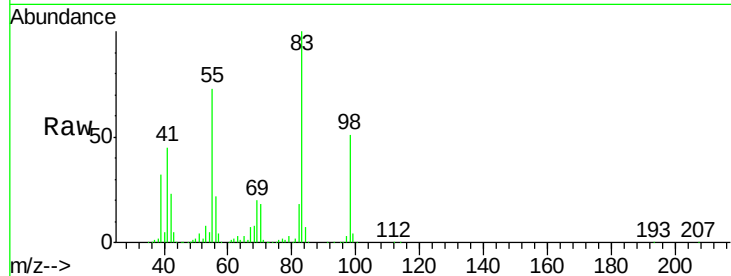
#39
Methylvlcyclohexane
Concen: 139.044 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	58.0	87.0
98	50.7	41.9	62.9

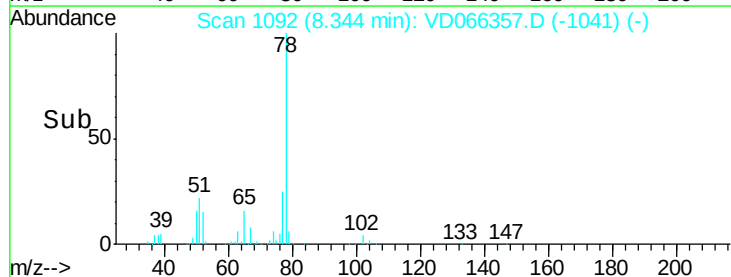
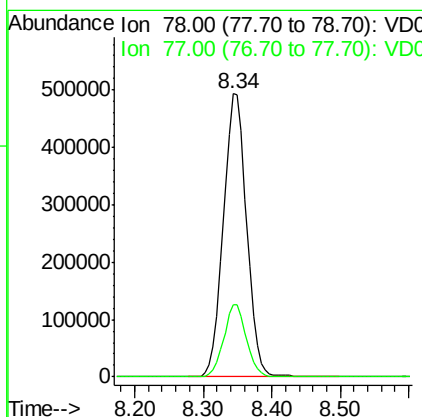
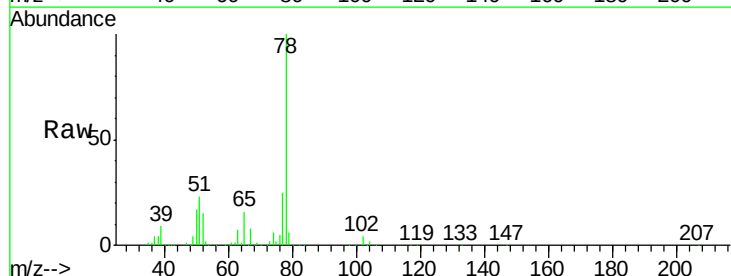
Manual Integrations
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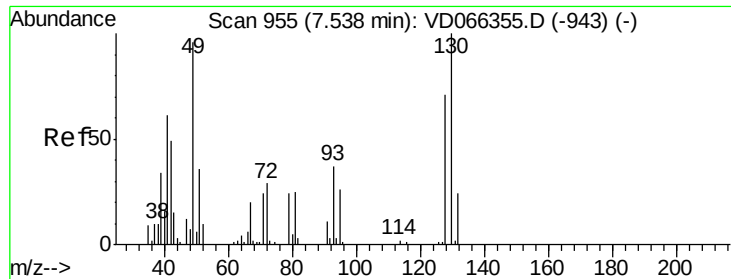
MMDadoda
8/24/2020 4:36:50 PM



#40
Benzene
Concen: 136.110 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.8	28.2





#41

Methacrylonitrile

Concen: 136.354 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 87268

Ion Ratio Lower Upper

41 100

39 0.0 51.8 77.8#

67 0.0 0.0 0.0

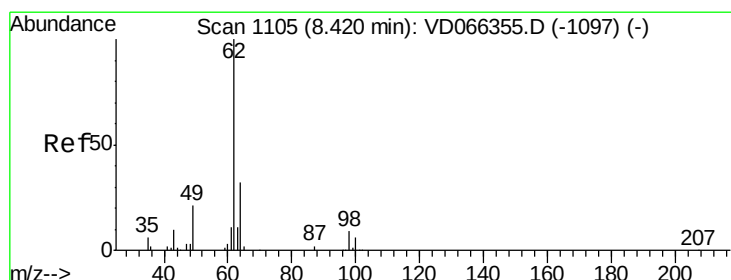
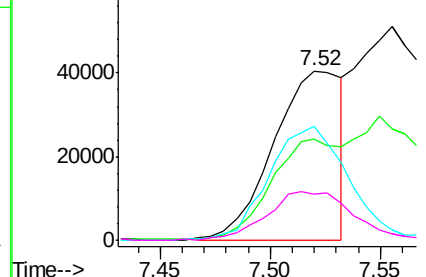
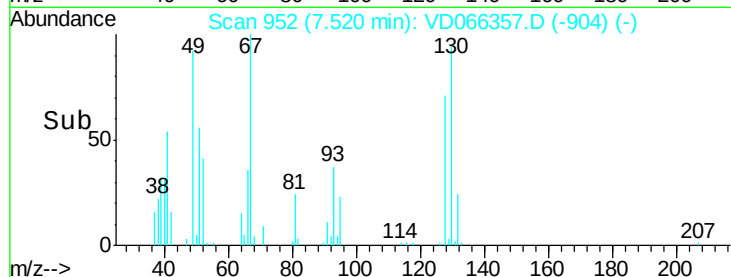
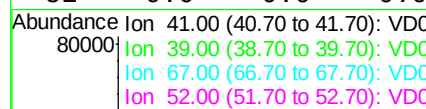
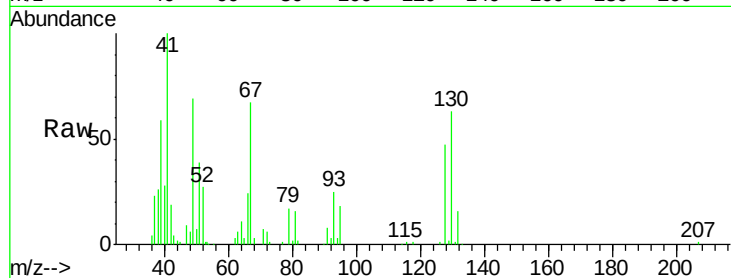
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 142.786 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066357.D

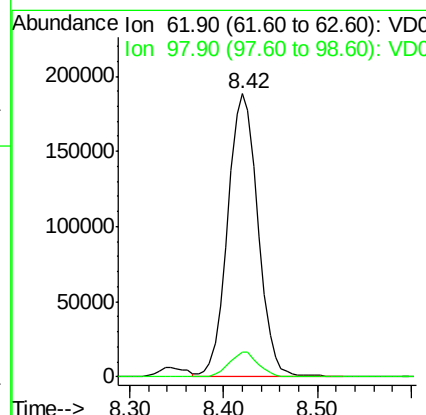
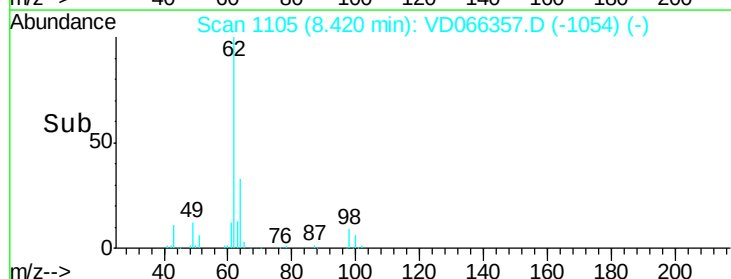
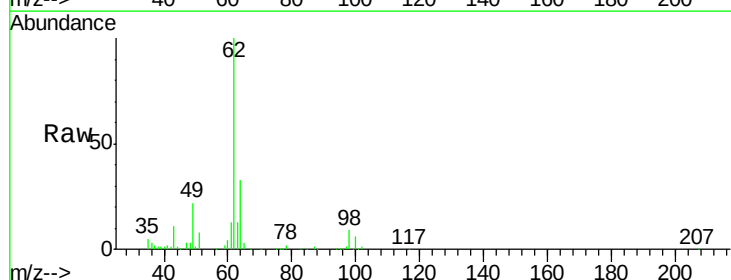
Acq: 21 Aug 2020 13:14

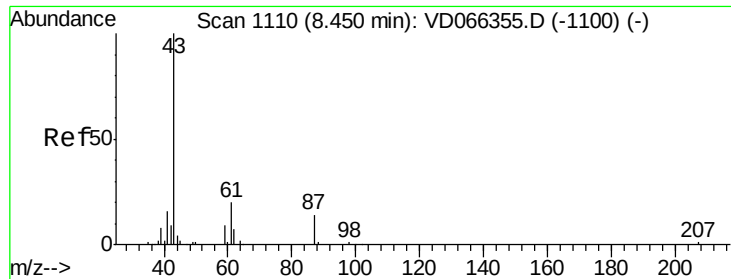
Tgt Ion: 62 Resp: 420310

Ion Ratio Lower Upper

62 100

98 8.5 0.0 16.2





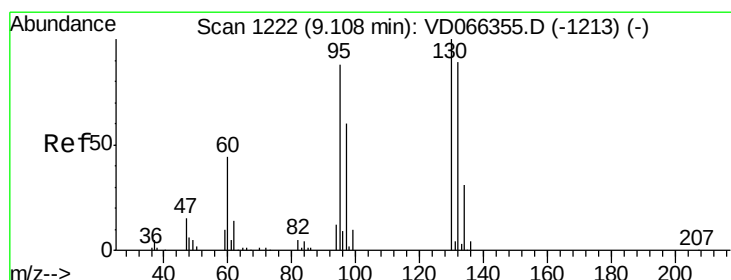
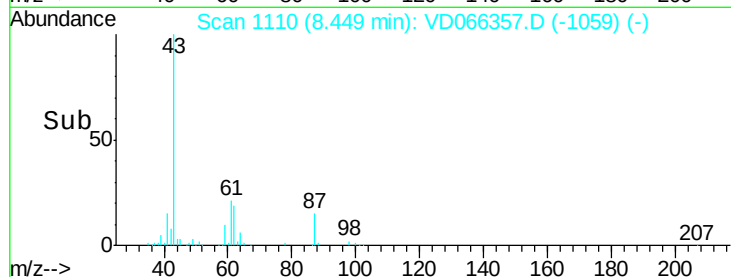
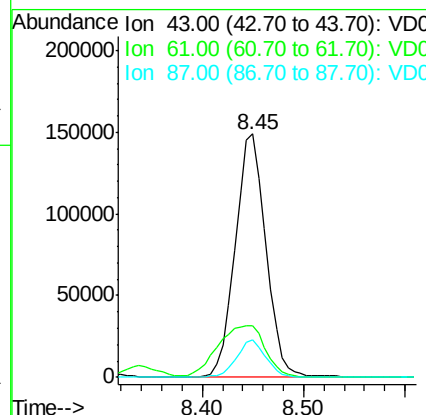
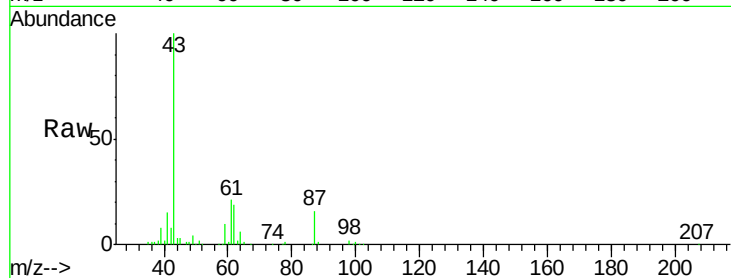
#43
Isopropyl Acetate
Concen: 146.874 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	43	Resp	313189
Ion	Ratio	Lower	Upper
43	100		
61	32.9	26.5	39.7
87	14.8	11.9	17.9

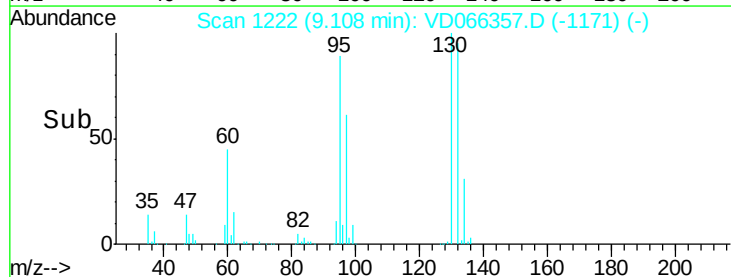
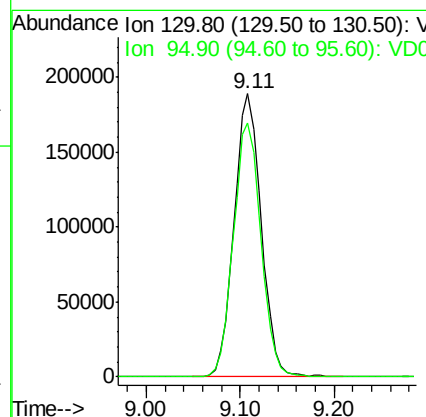
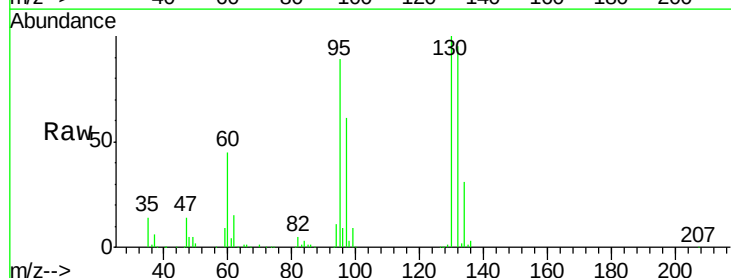
Manual Integrations
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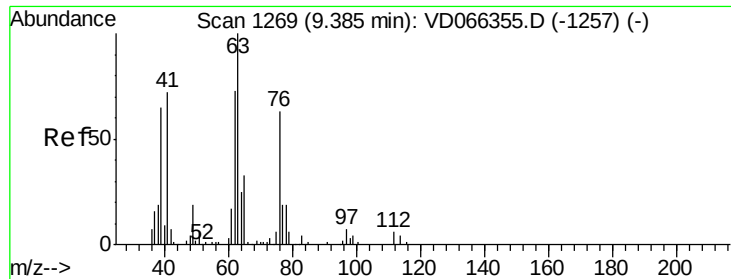
MMDadoda
8/24/2020 4:36:50 PM



#44
Trichloroethene
Concen: 135.700 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	130	Resp	379190
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	175.6





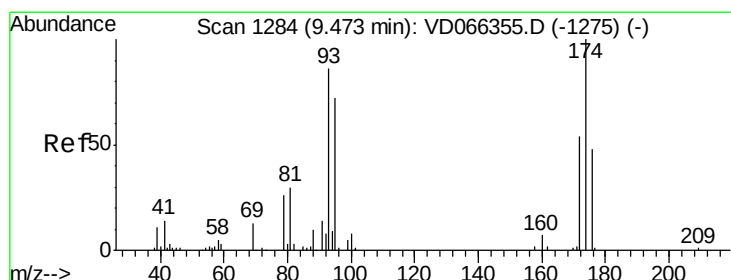
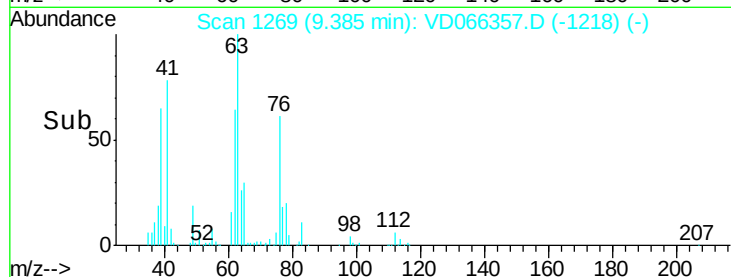
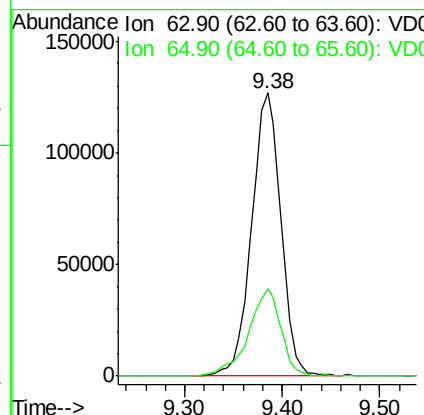
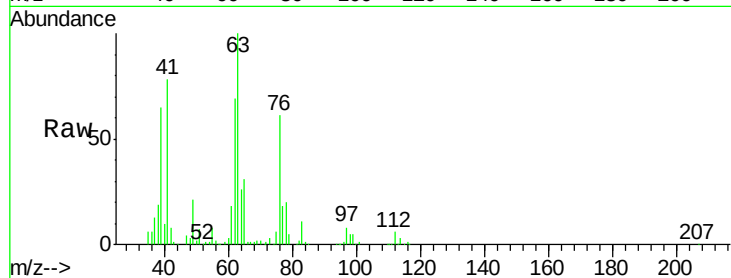
#45
 1,2-Dichloropropane
 Concen: 140.825 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	26.4	39.6

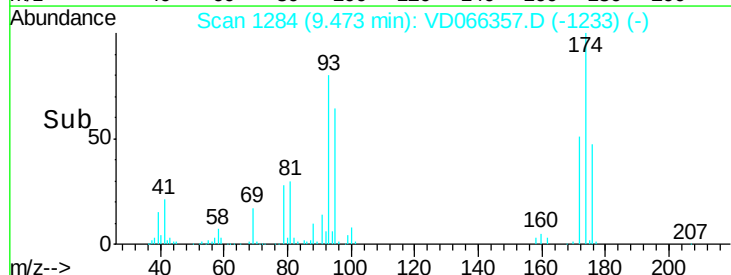
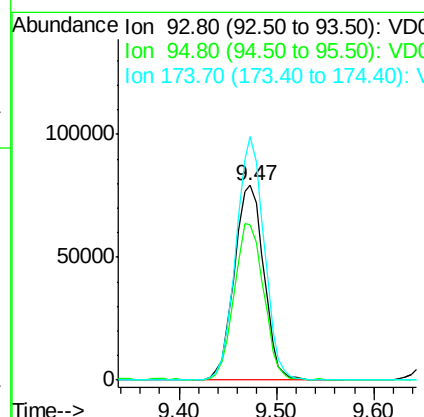
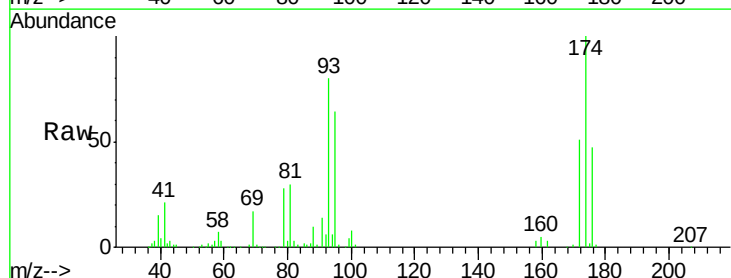
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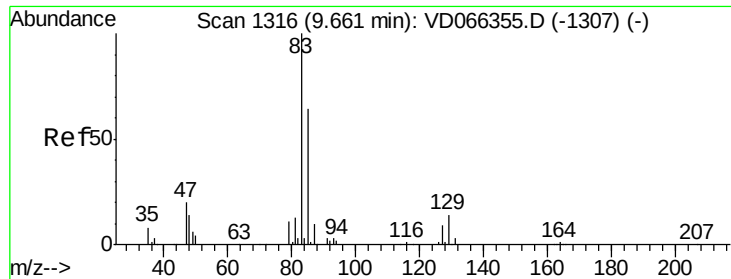
MMDadoda
 8/24/2020 4:36:50 PM



#46
 Dibromomethane
 Concen: 141.208 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.1	66.0	99.0
174	118.5	94.6	141.8





#47

Bromodichloromethane

Concen: 142.101 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

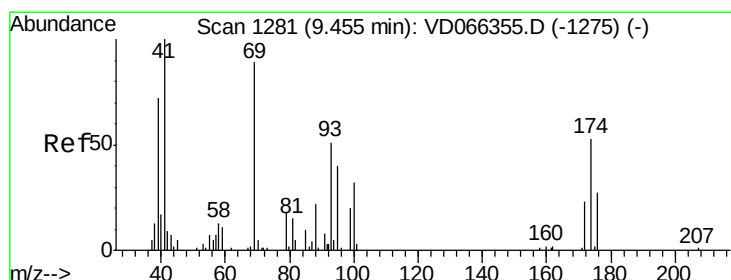
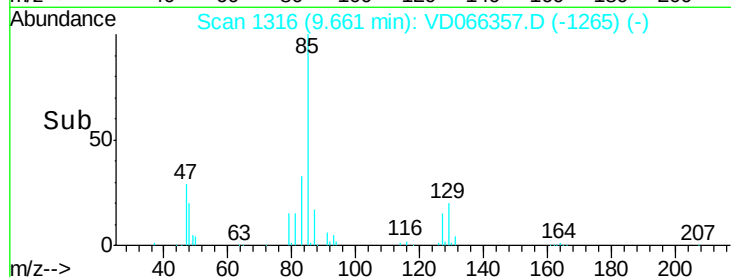
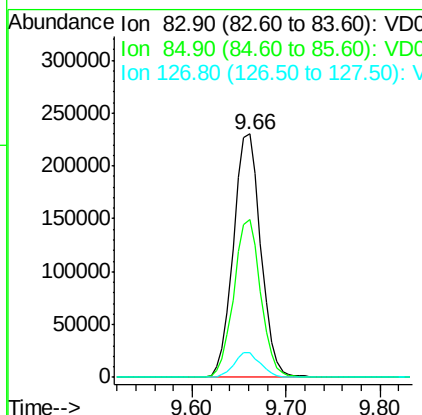
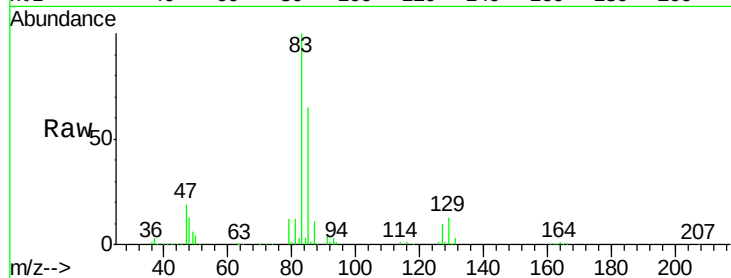
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	466291
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	10.0	7.4	11.0

Manual Integrations
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MMDadoda
8/24/2020 4:36:50 PM



#48

Methyl methacrylate

Concen: 137.006 ug/l

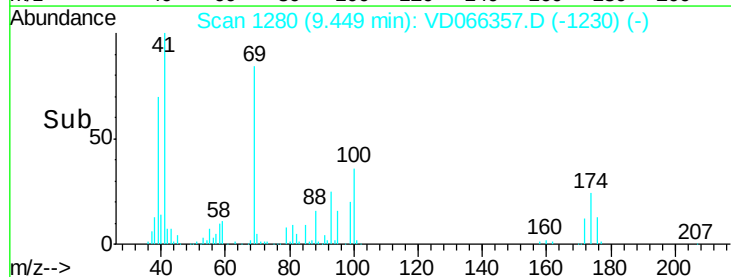
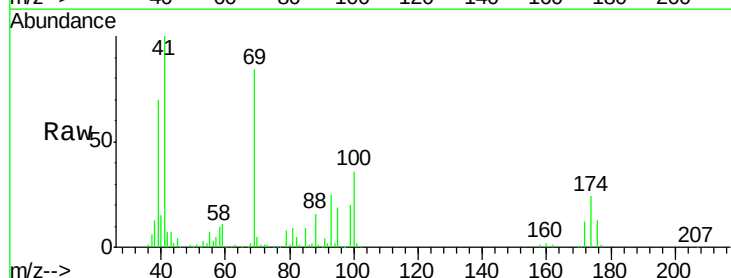
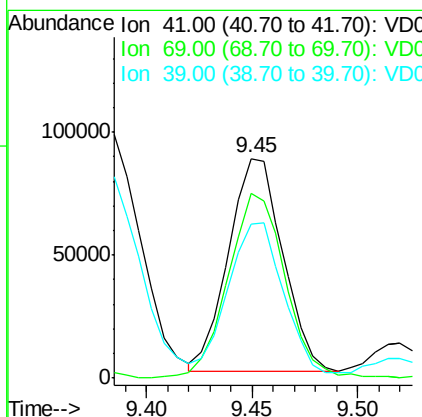
RT: 9.45 min Scan# 1280

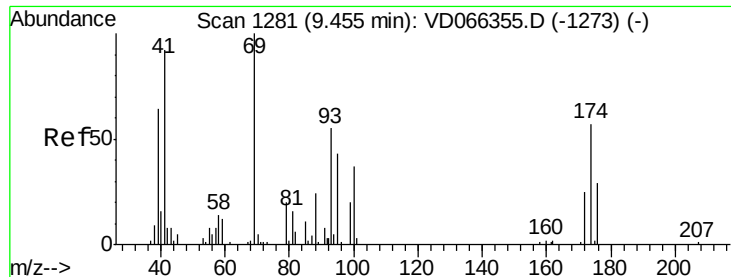
Delta R.T. -0.01 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	41	Resp:	154464
Ion	Ratio	Lower	Upper
41	100		
69	91.5	75.5	113.3
39	70.5	57.0	85.4





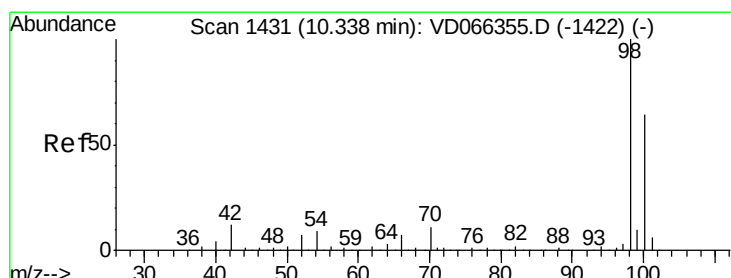
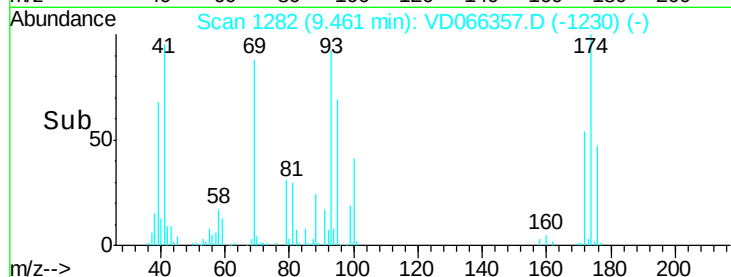
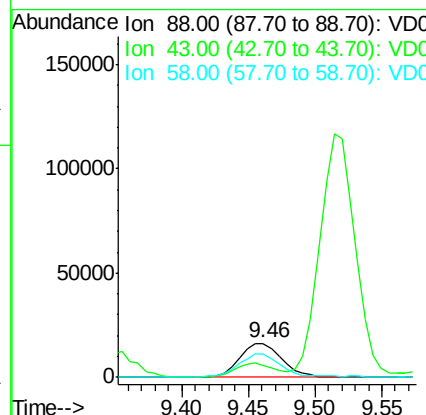
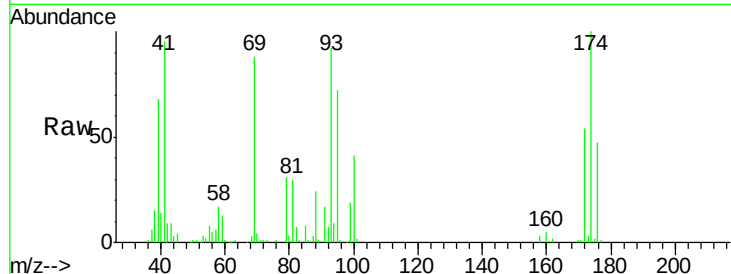
#49
1,4-Dioxane
Concen: 2584.671 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	29.4	44.0
58	68.0	45.4	68.2

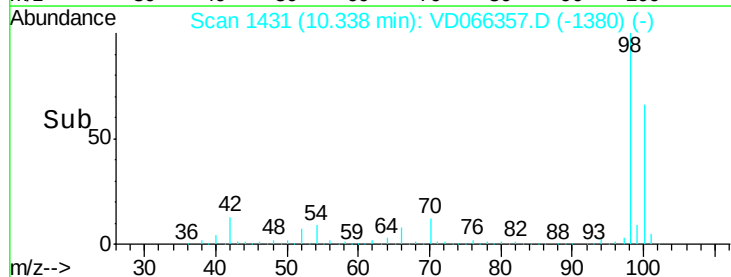
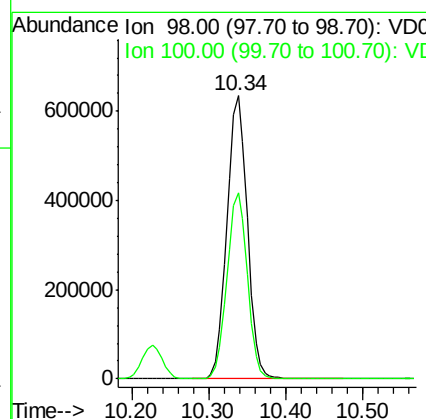
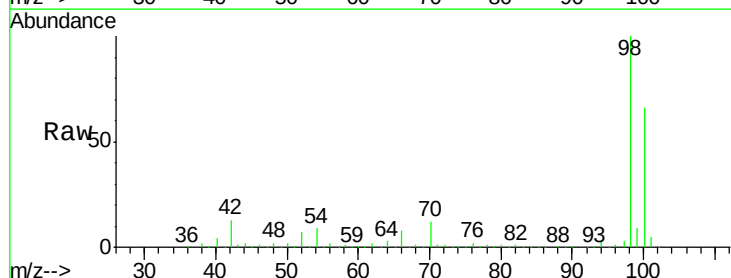
Manual Integrations
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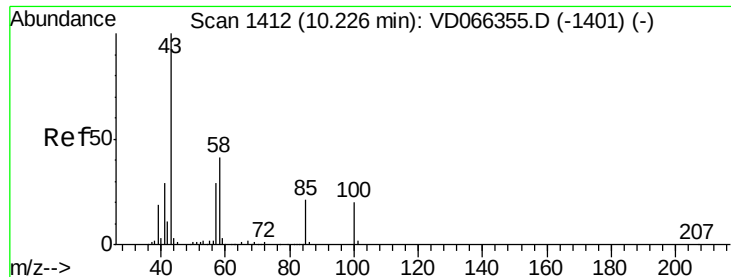
MMDadoda
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#50
Toluene-d8
Concen: 149.899 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 677.173 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 718655

Ion Ratio Lower Upper

43 100

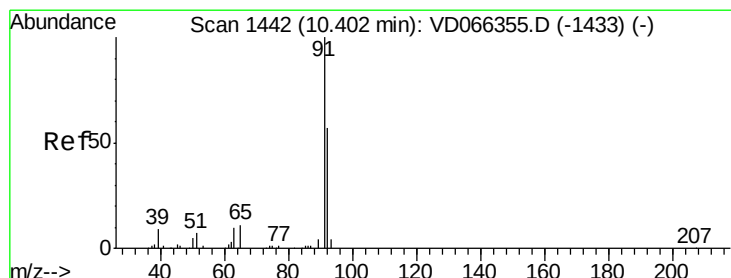
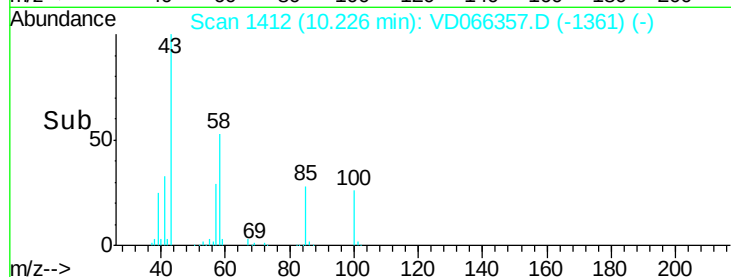
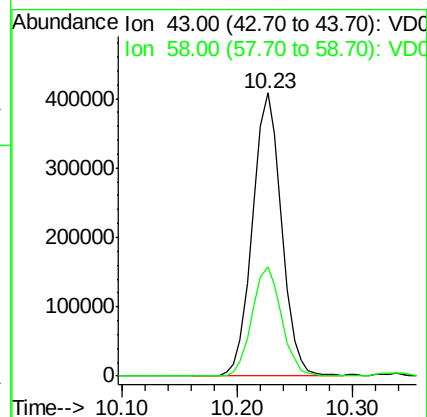
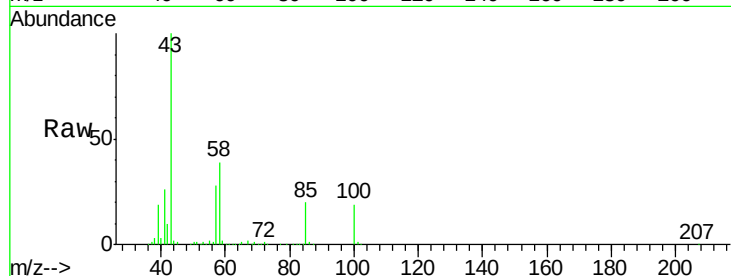
58 39.3 31.4 47.2

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 138.986 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066357.D

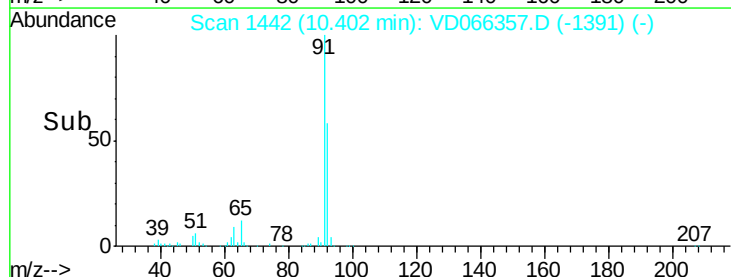
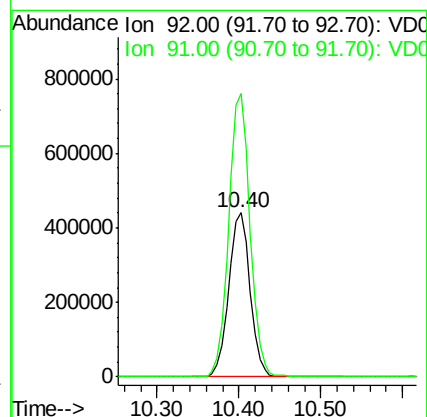
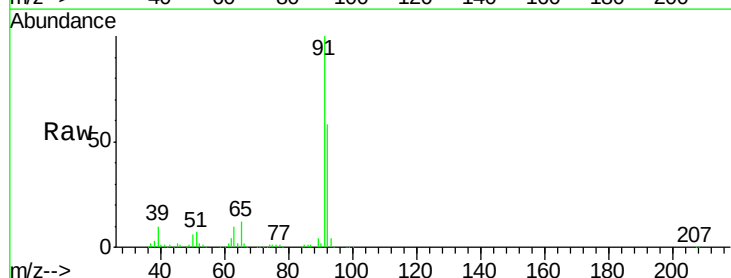
Acq: 21 Aug 2020 13:14

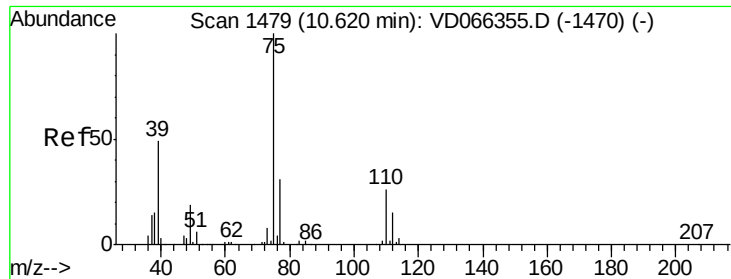
Tgt Ion: 92 Resp: 799092

Ion Ratio Lower Upper

92 100

91 172.1 135.8 203.6





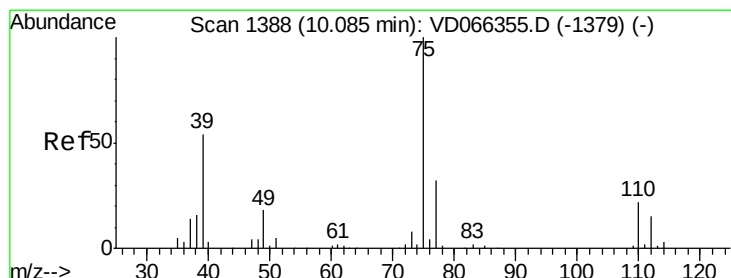
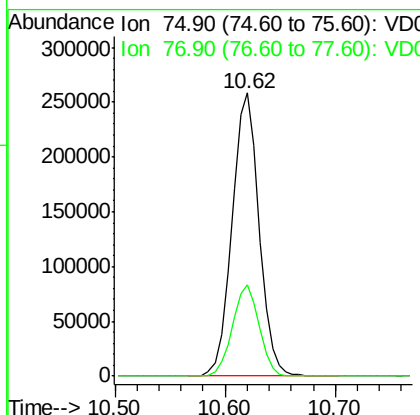
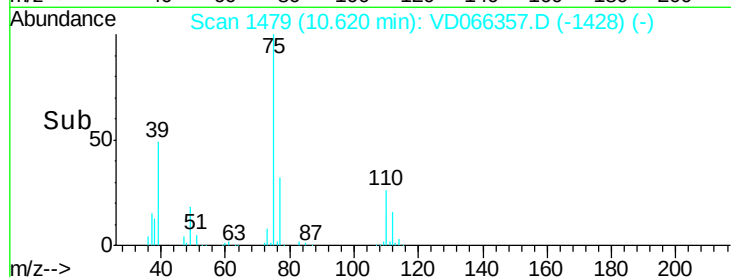
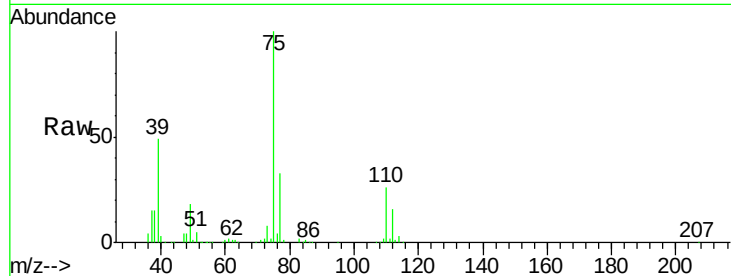
#53
 t-1,3-Dichloropropene
 Concen: 145.144 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 443365
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.5 36.7

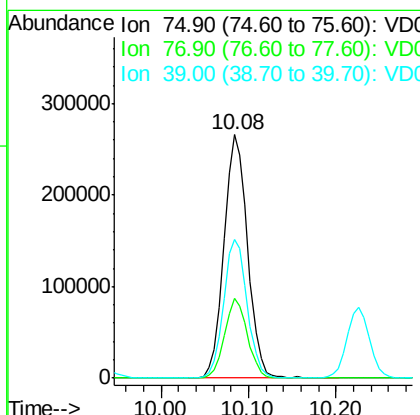
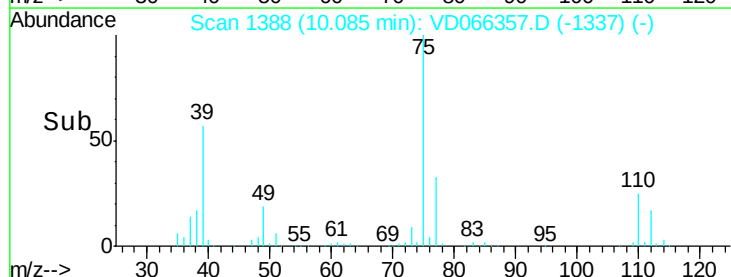
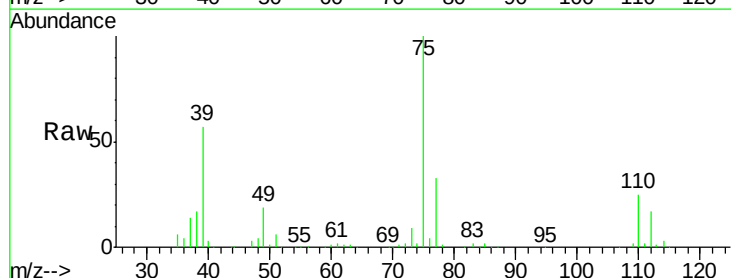
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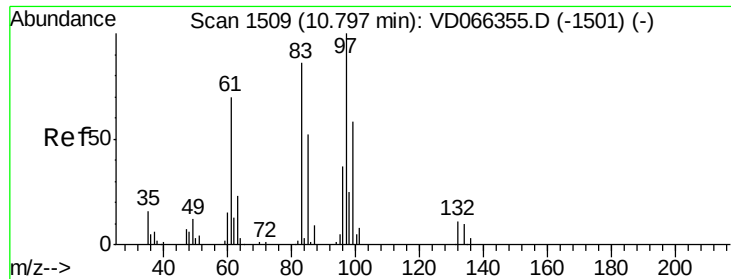
MMDadoda
 8/24/2020 4:36:50 PM



#54
 cis-1,3-Dichloropropene
 Concen: 142.204 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 492532
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 56.7 43.4 65.0





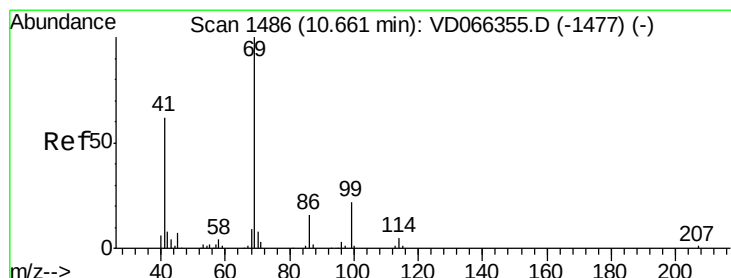
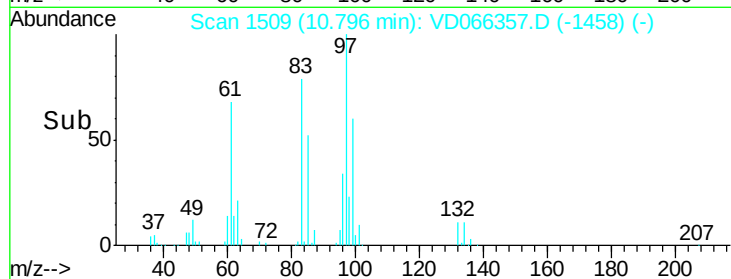
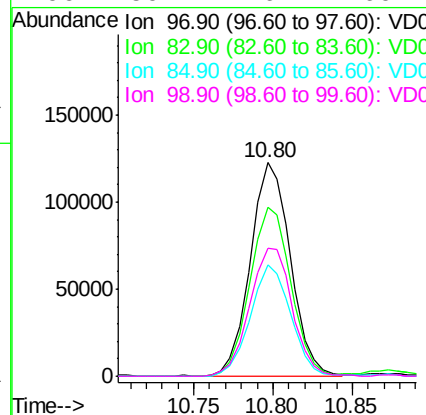
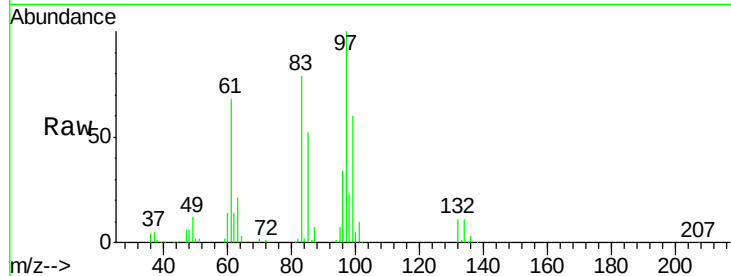
#55
 1,1,2-Trichloroethane
 Concen: 135.106 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	215903
Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.4	102.6
85	51.9	41.3	61.9
99	59.7	46.1	69.1

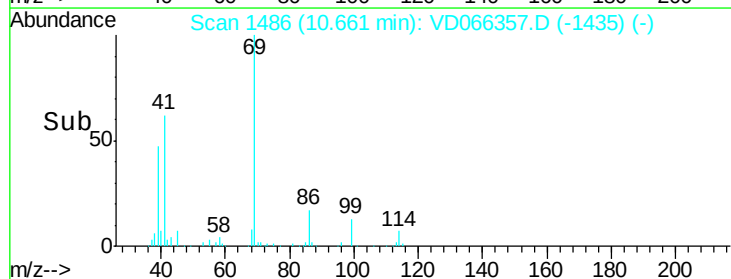
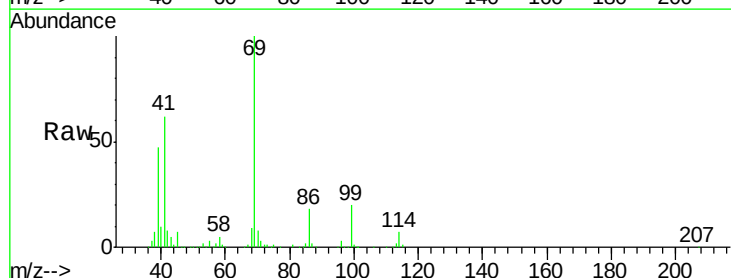
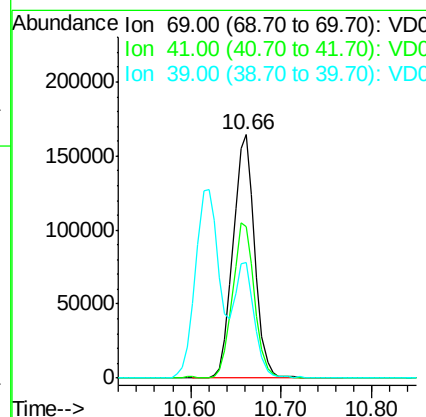
Manual Integrations
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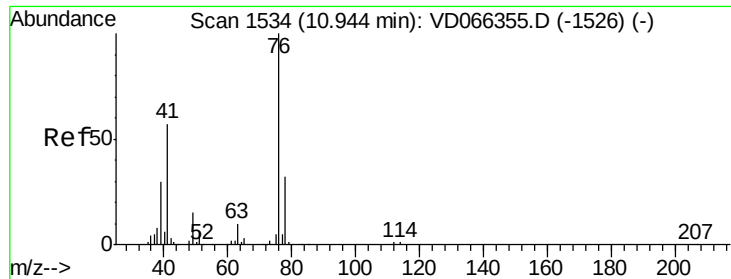
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#56
 Ethyl methacrylate
 Concen: 147.920 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:	69	Resp:	272708
Ion	Ratio	Lower	Upper
69	100		
41	64.8	50.8	76.2
39	41.9	32.9	49.3





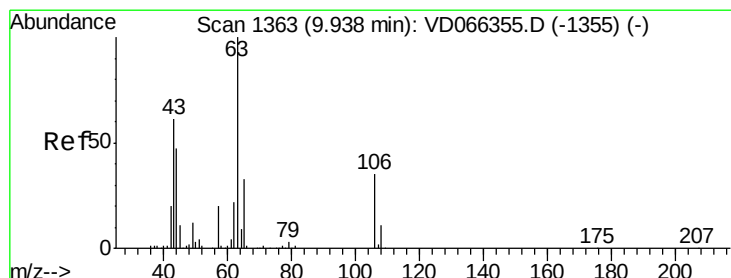
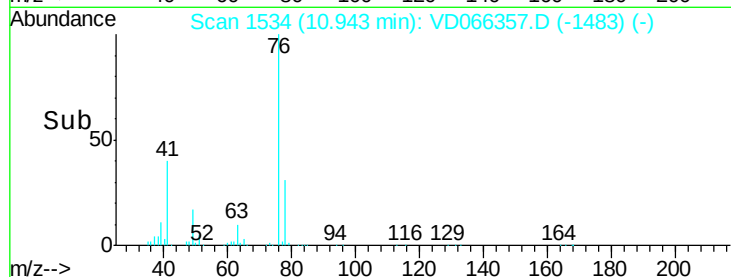
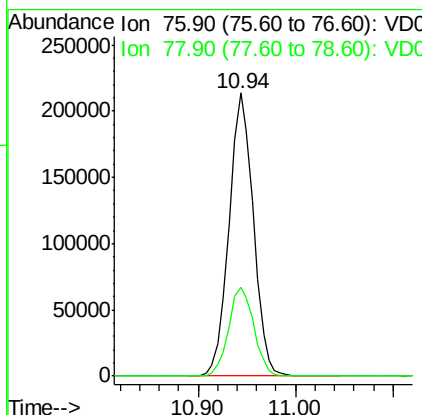
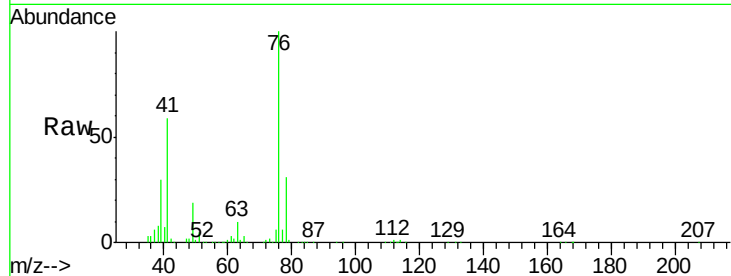
#57
 1,3-Dichloropropane
 Concen: 139.948 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.6	38.4

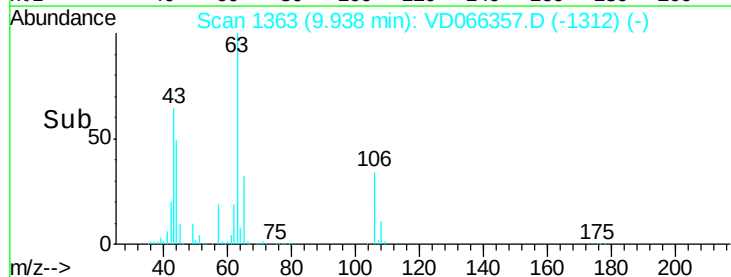
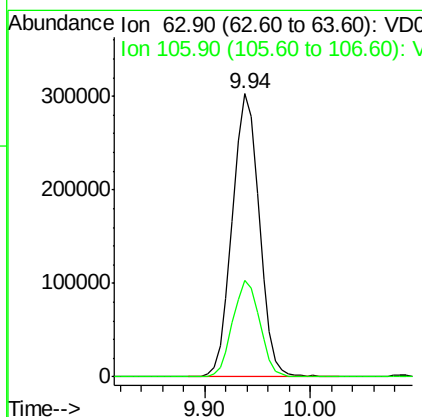
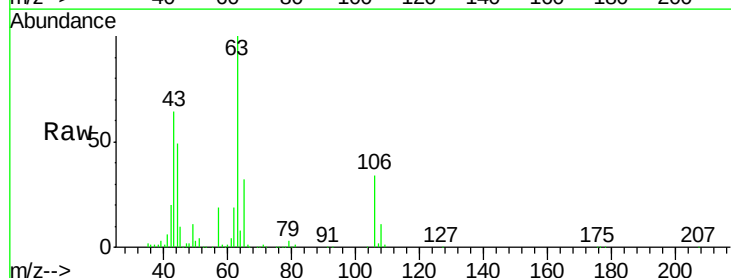
Manual Integrations
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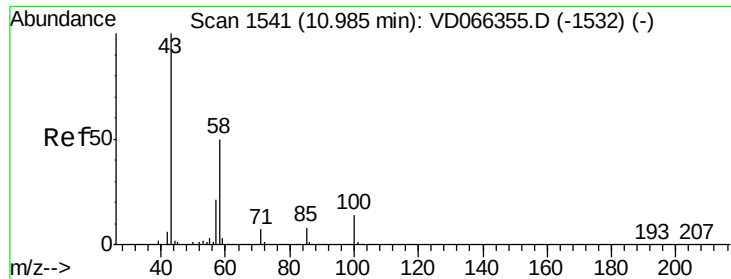
MMDadoda
 8/24/2020 4:36:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 680.130 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.3	27.1	40.7





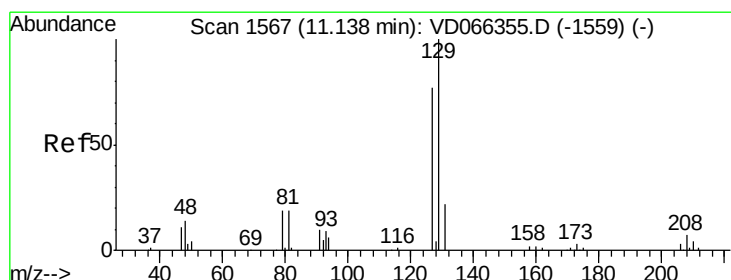
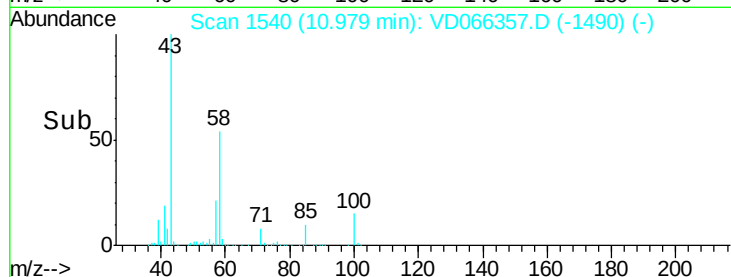
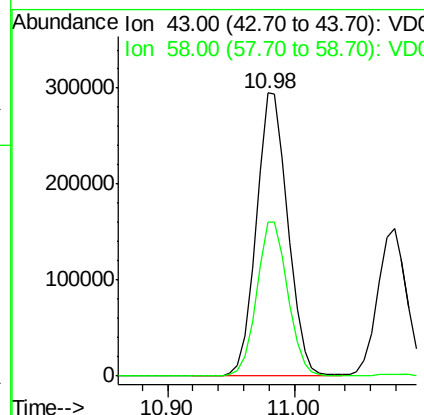
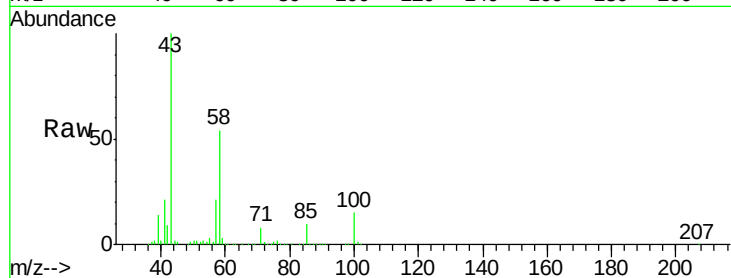
#59
2-Hexanone
Concen: 679.836 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	43	Resp	512158
Ion Ratio	100	Lower	Upper
43	100		
58	53.7	26.3	78.8

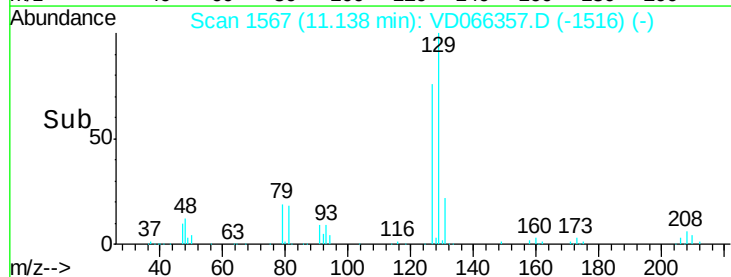
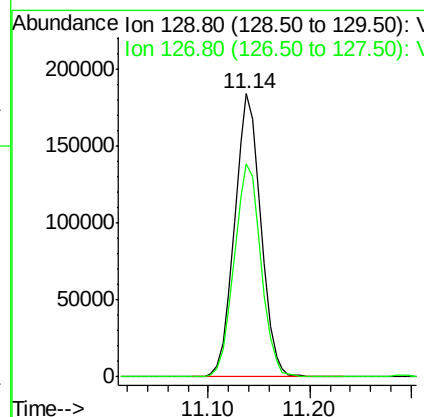
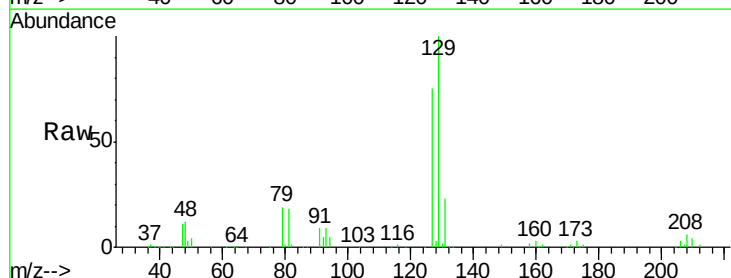
Manual Integrations
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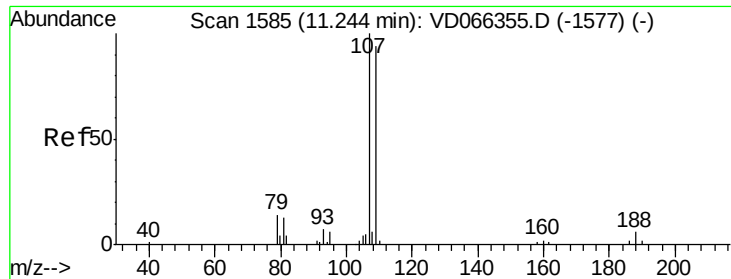
MMDadoda
8/24/2020 4:36:50 PM



#60
Dibromochloromethane
Concen: 135.378 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	129	Resp	330054
Ion Ratio	100	Lower	Upper
129	100		
127	76.7	39.0	117.0





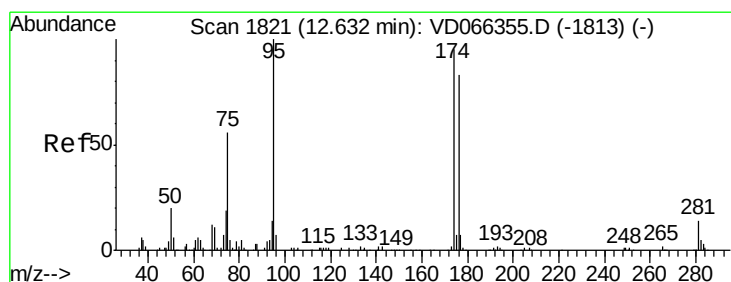
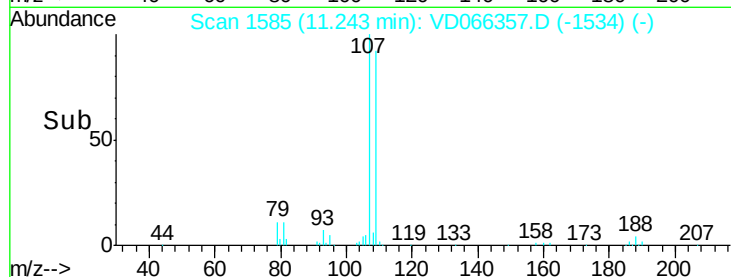
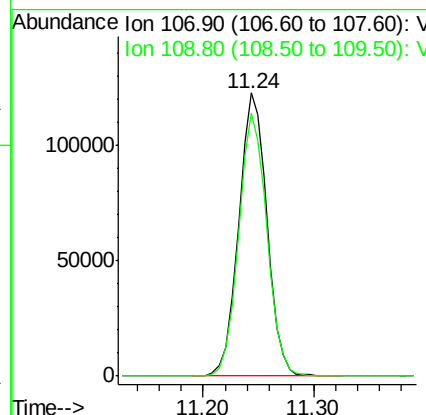
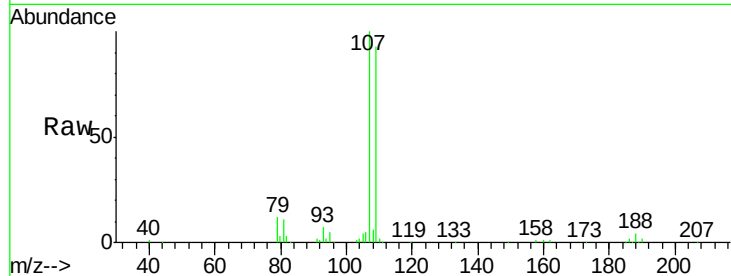
#61
 1,2-Dibromoethane
 Concen: 138.351 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	77.8	116.8

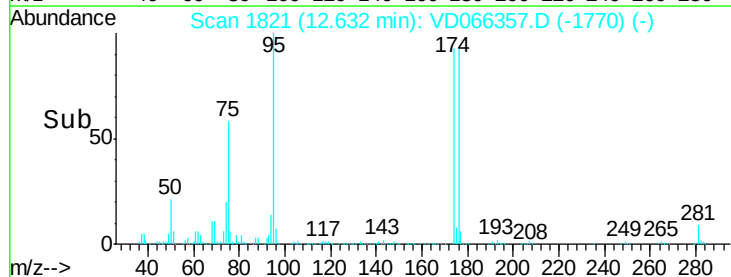
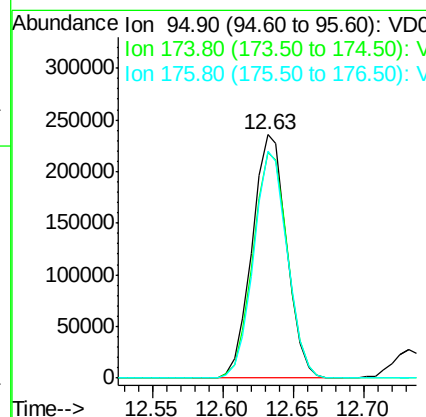
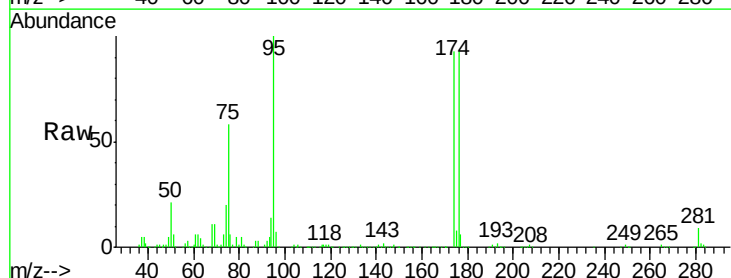
Manual Integrations
 APPROVED

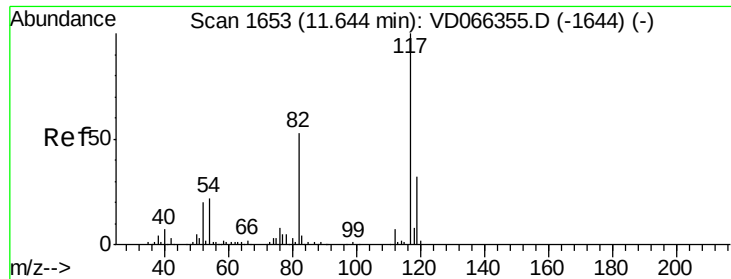
MMDadoda
 8/24/2020 4:36:50 PM



#62
 4-Bromofluorobenzene
 Concen: 142.367 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	183.4
176	90.8	0.0	173.8





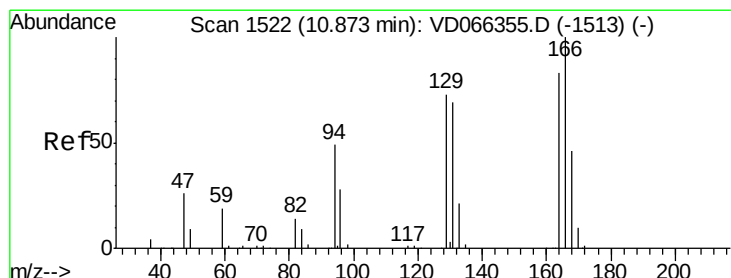
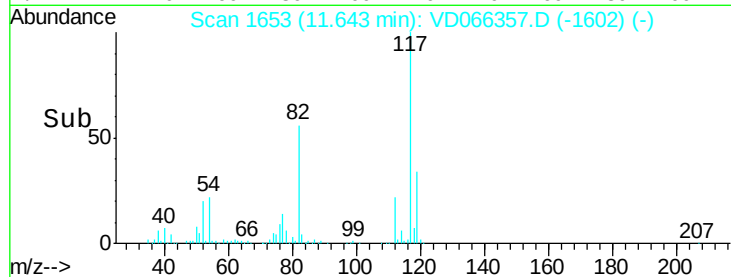
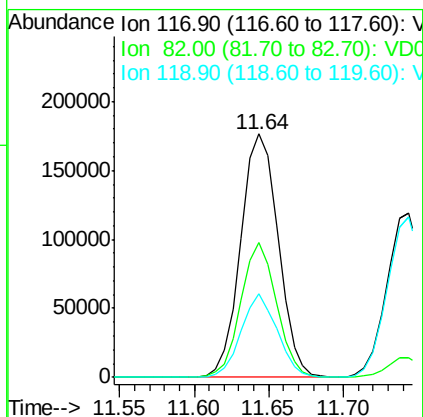
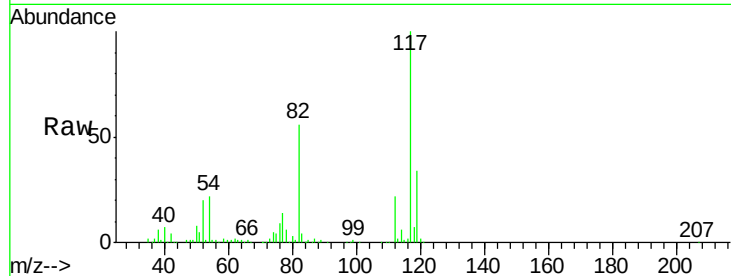
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308411		
82	55.6	42.8	64.2	
119	34.2	25.8	38.8	

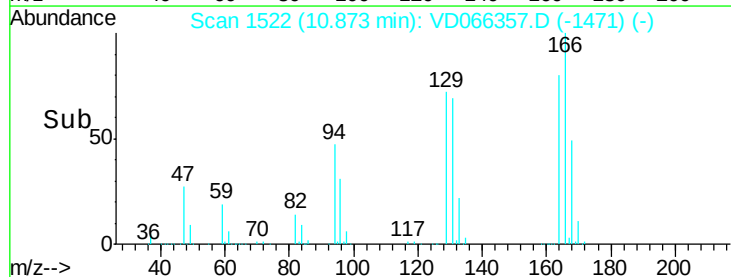
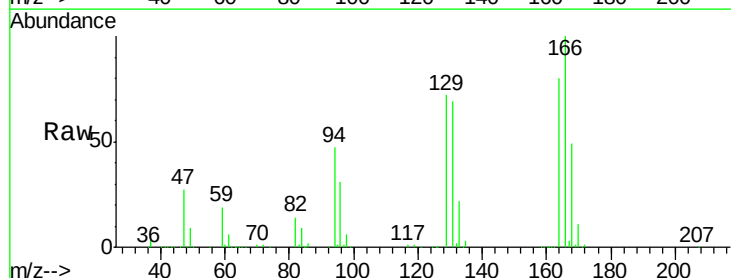
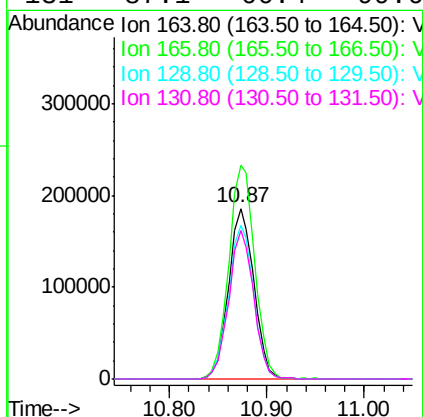
Manual Integrations
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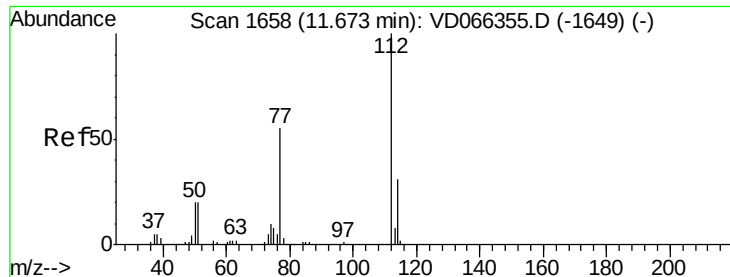
MMDadoda
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#64
Tetrachloroethene
Concen: 139.614 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	333737		
166	125.4	96.2	144.4	
129	90.0	70.3	105.5	
131	87.1	66.4	99.6	





#65

Chlorobenzene

Concen: 138.278 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 860723

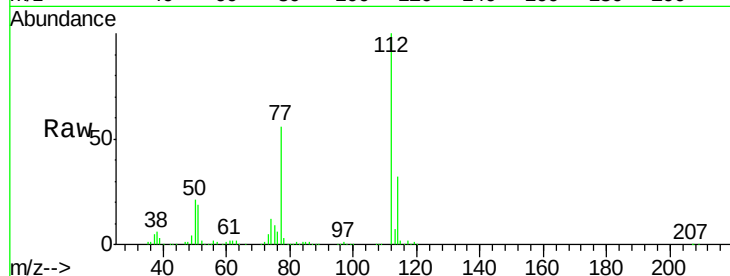
Ion Ratio Lower Upper

112 100

114 32.4 25.1 37.7

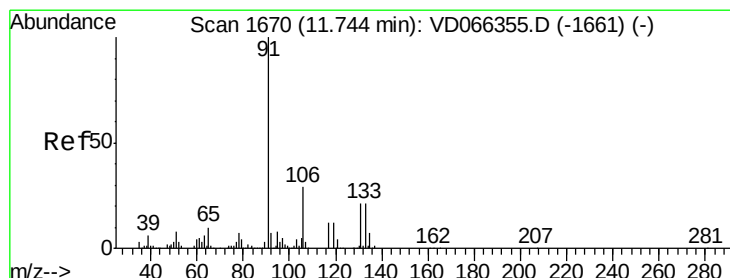
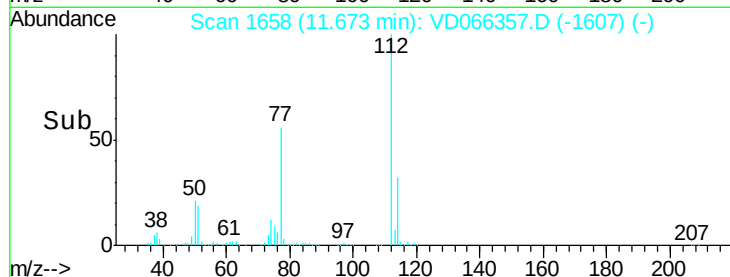
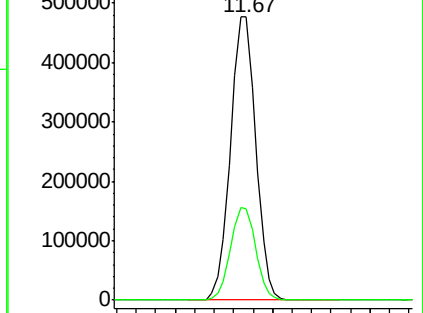
Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 137.018 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

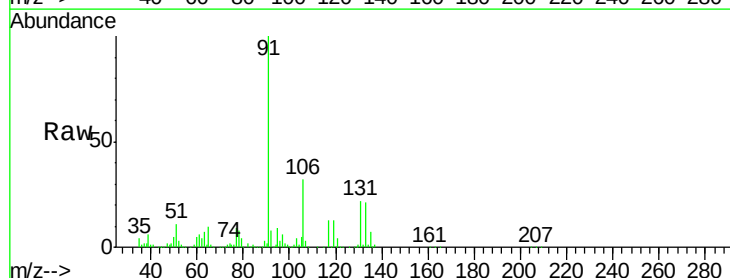
Tgt Ion:131 Resp: 350198

Ion Ratio Lower Upper

131 100

133 97.5 48.6 145.9

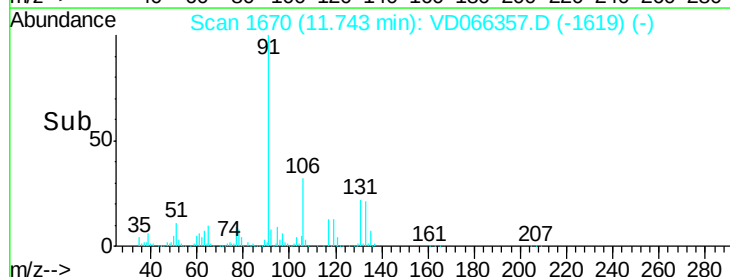
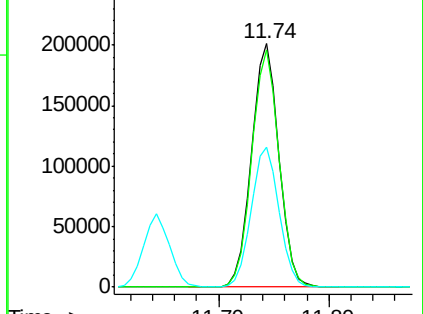
119 58.8 29.0 87.1

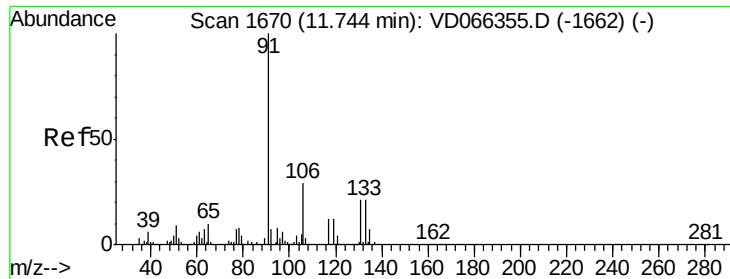


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 140.244 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1553795

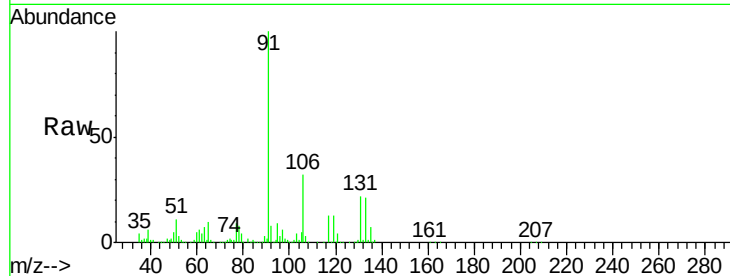
Ion Ratio Lower Upper

91 100

106 31.8 23.4 35.2

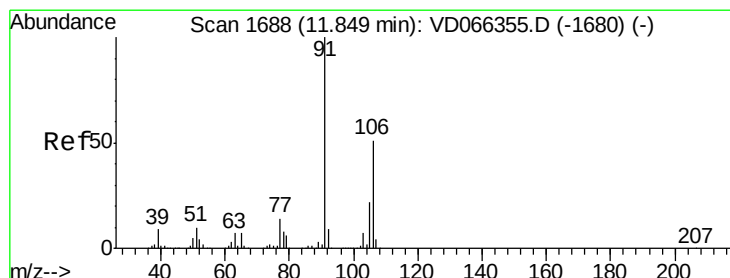
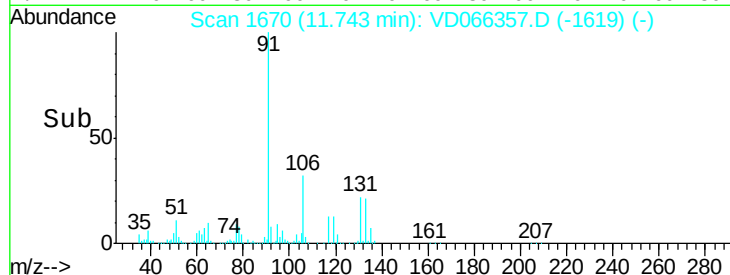
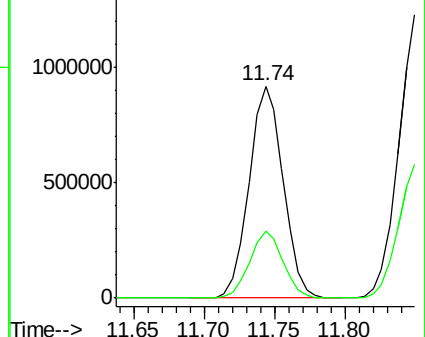
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VD066357.D (-1670) (-)

Ion 106.00 (105.70 to 106.70): VD066357.D (-1670) (-)



#68

m/p-Xylenes

Concen: 277.449 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066357.D

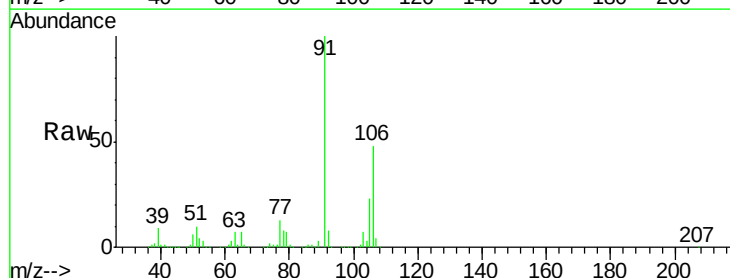
Acq: 21 Aug 2020 13:14

Tgt Ion: 106 Resp: 1174012

Ion Ratio Lower Upper

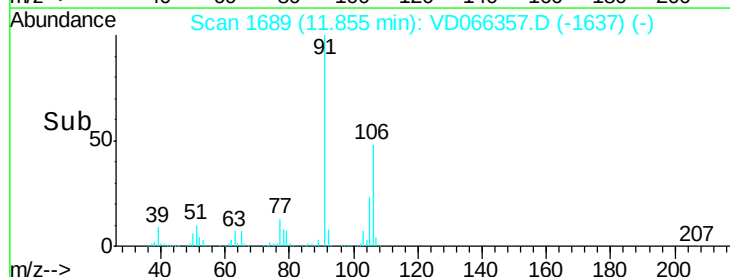
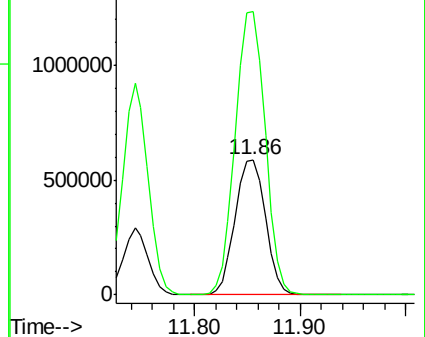
106 100

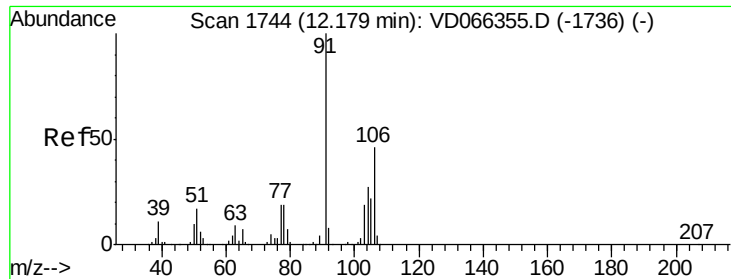
91 206.6 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066357.D (-1688) (-)

Ion 91.00 (90.70 to 91.70): VD066357.D (-1688) (-)





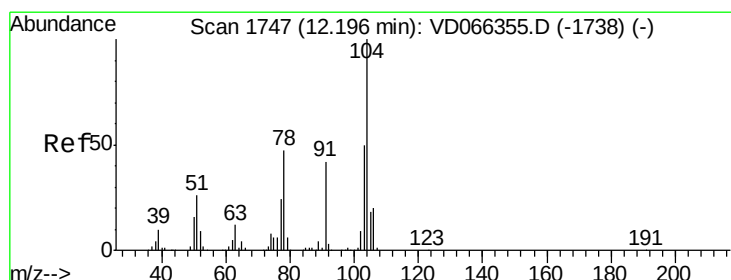
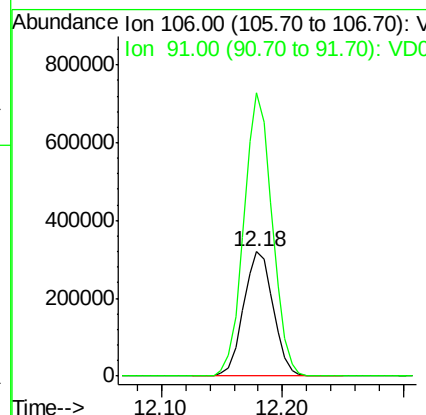
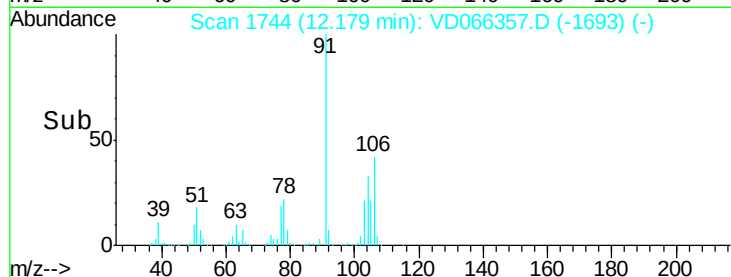
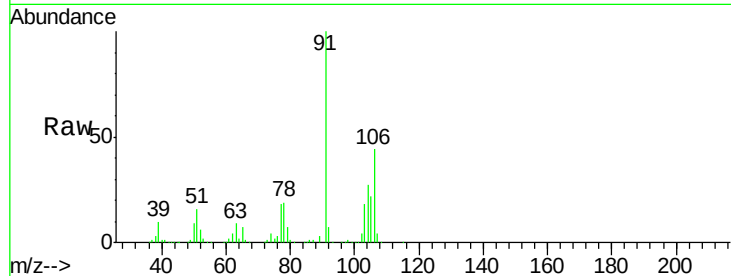
#69
o-Xylene
Concen: 141.422 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		548867		
91	217.4	109.1	327.3		

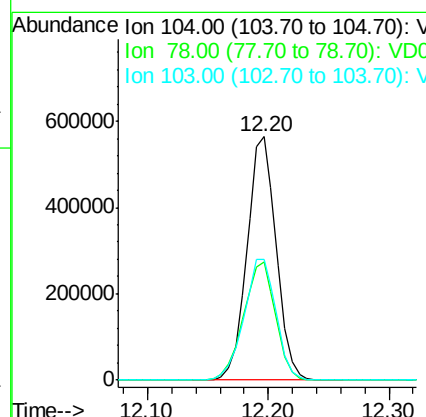
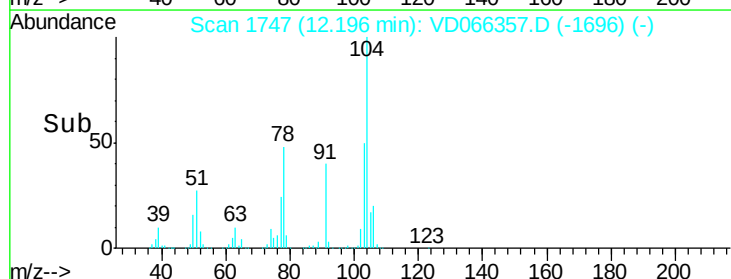
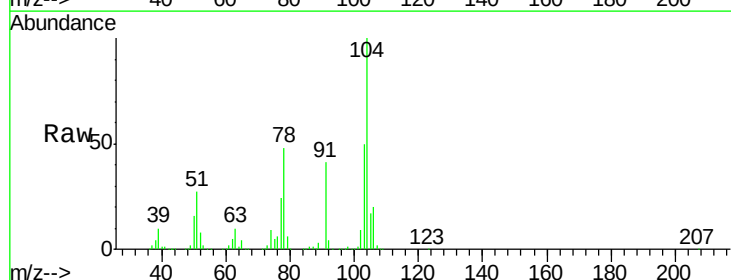
Manual Integrations
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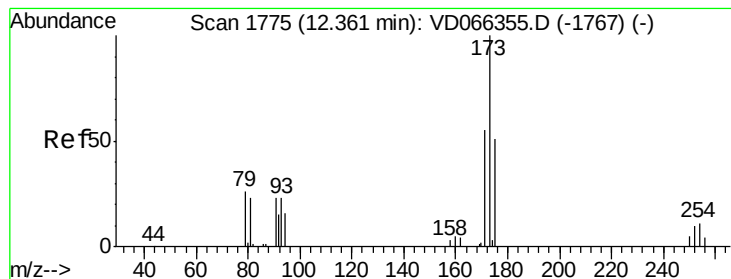
MMDadoda
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#70
Styrene
Concen: 141.365 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		947600		
78	53.0	41.7	62.5		
103	54.6	43.5	65.3		





#71

Bromoform

Concen: 139.222 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

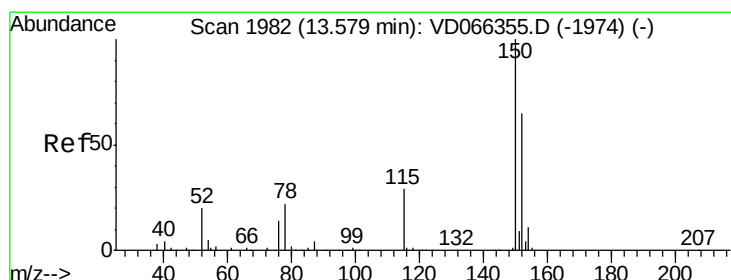
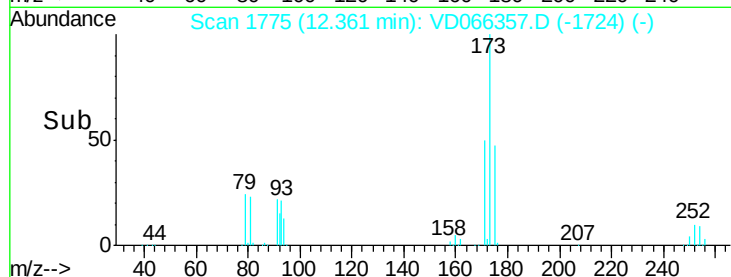
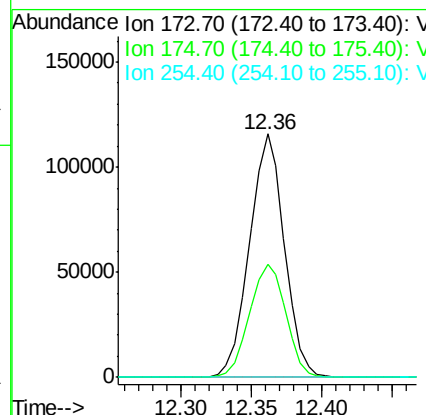
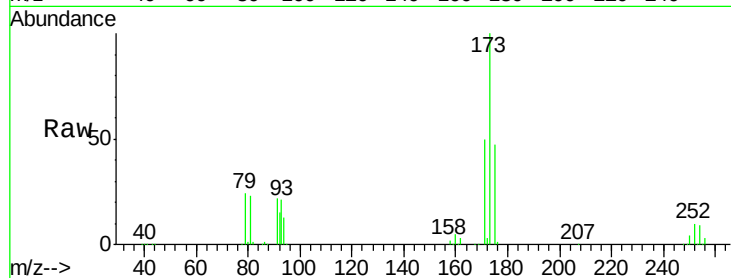
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.2	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

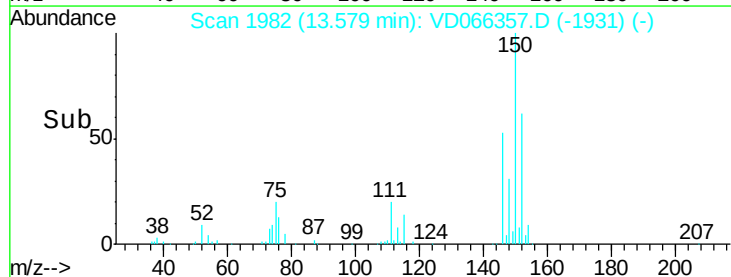
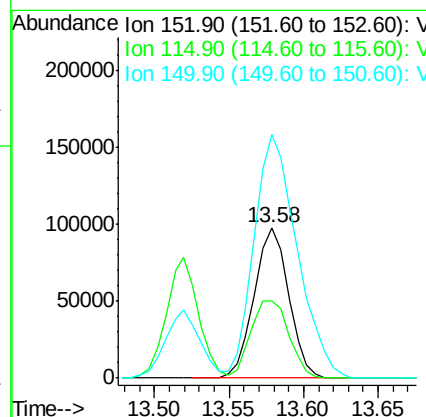
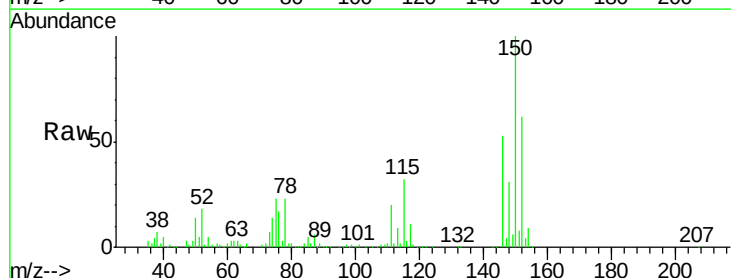
RT: 13.58 min Scan# 1982

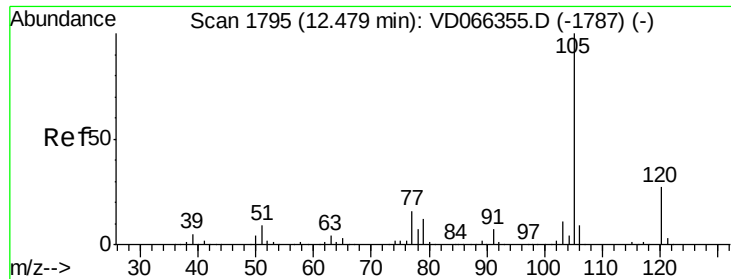
Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.3	85.0
150	202.6	0.0	343.2





#73

Isopropylbenzene

Concen: 146.641 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1540582

Ion Ratio Lower Upper

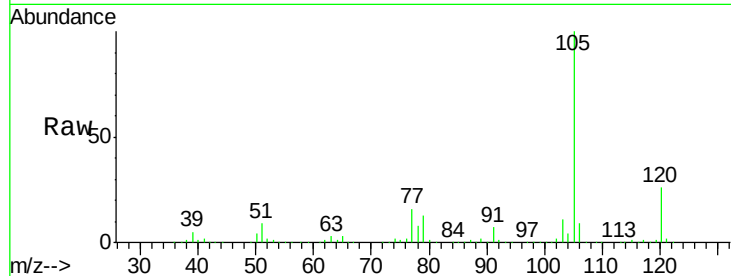
105 100

120 26.3 13.6 40.8

Manual Integrations
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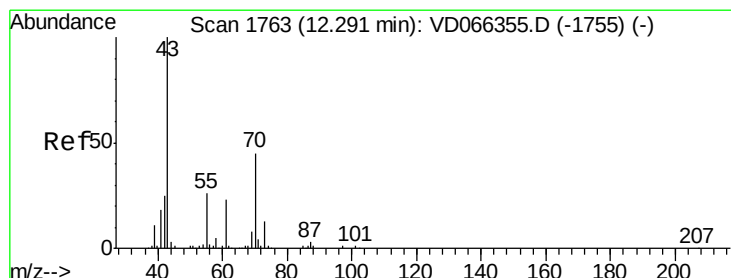
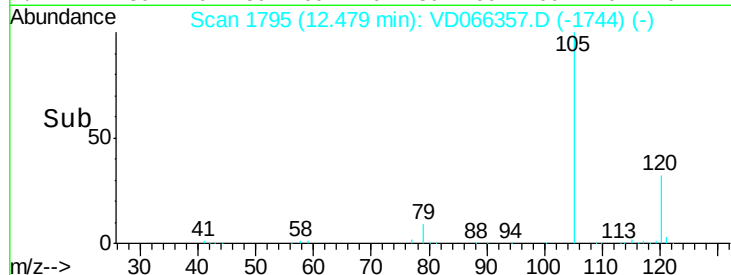
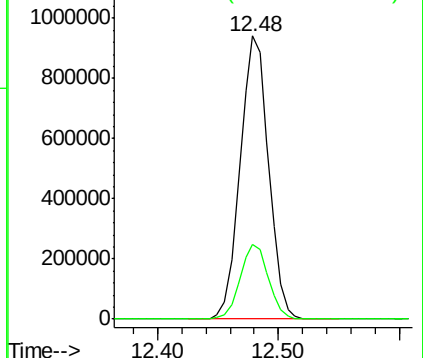
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 147.738 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 278421

Ion Ratio Lower Upper

43 100

70 45.0 34.8 52.2

55 24.9 20.3 30.5

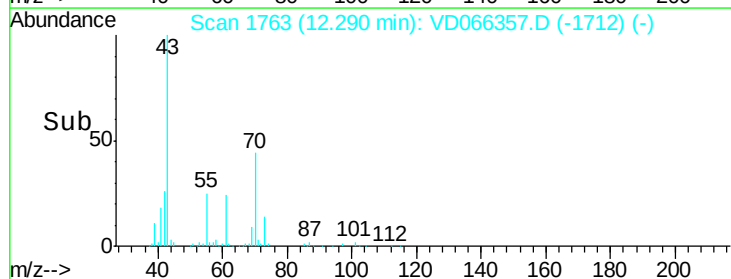
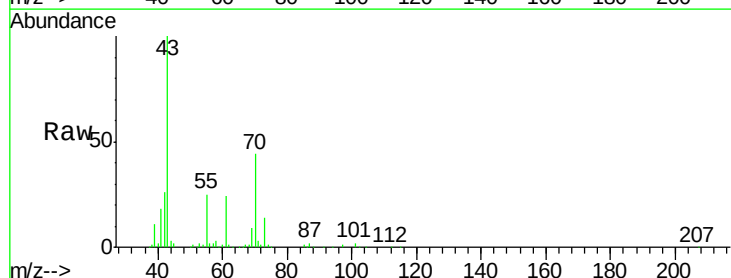
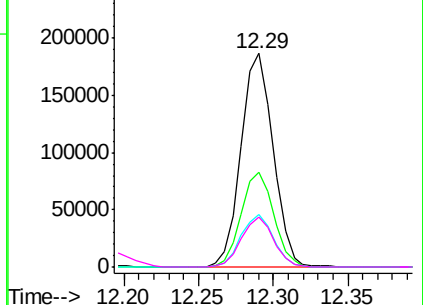
61 23.6 19.0 28.6

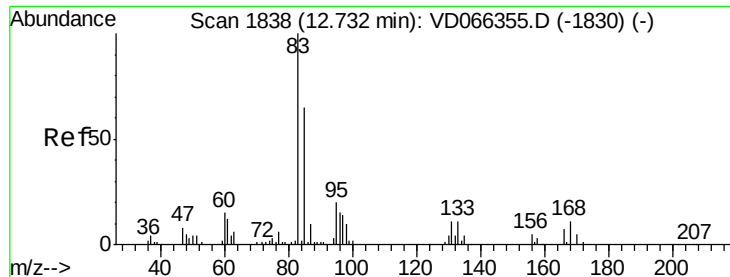
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 138.657 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 210749
Ion Ratio Lower Upper

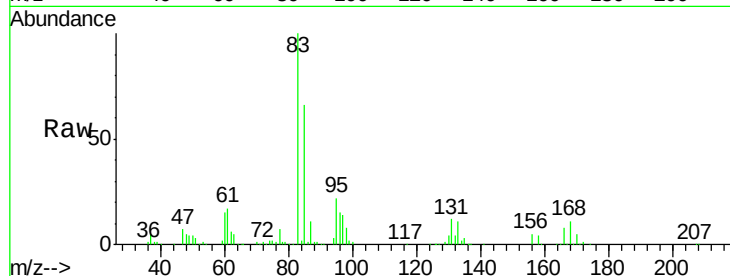
83 100

131 13.8 7.0 20.9

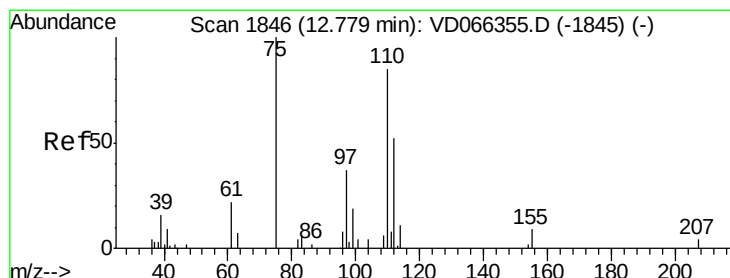
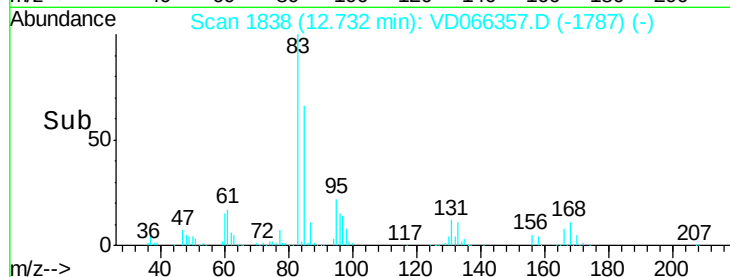
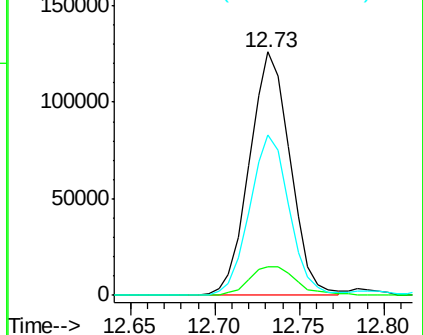
85 64.4 32.4 97.0

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



#76

1,2,3-Trichloropropane

Concen: 139.871 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

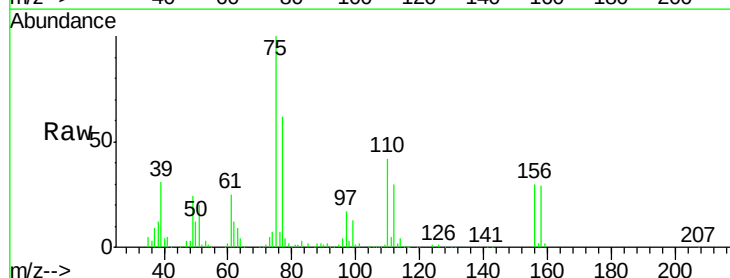
Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

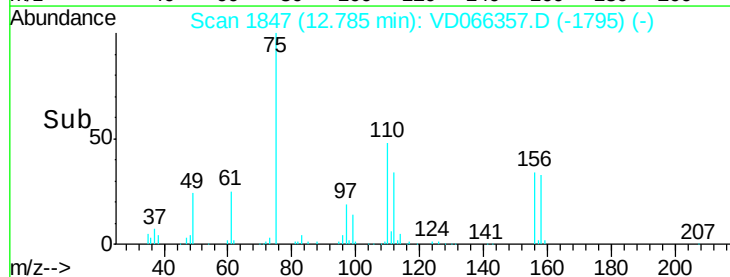
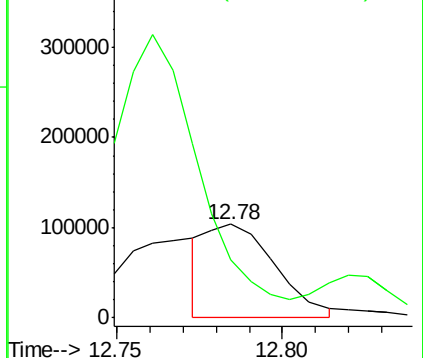
Tgt Ion: 75 Resp: 150003
Ion Ratio Lower Upper

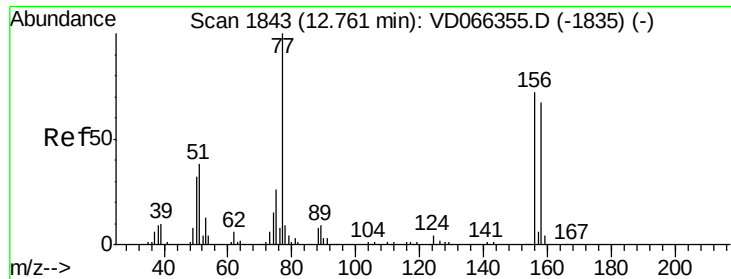
75 100

77 0.0 182.9 548.9#



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





#77

Bromobenzene

Concen: 140.821 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

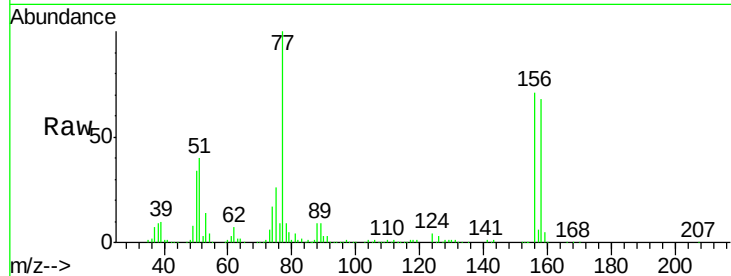
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.9	76.1	228.3
158	96.1	47.6	142.9

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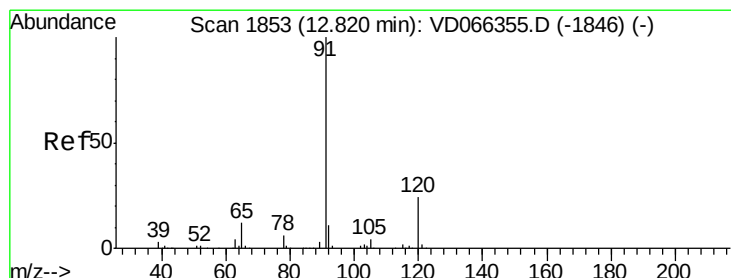
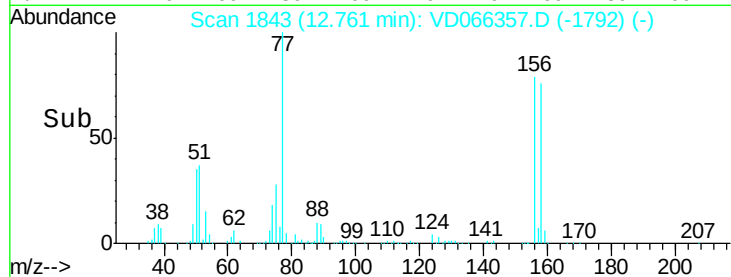
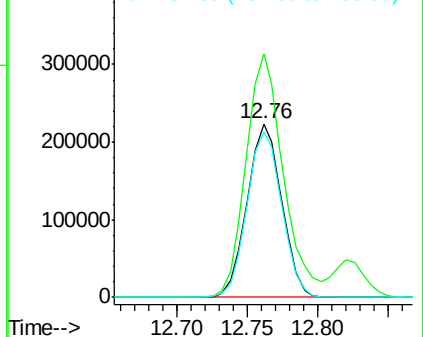
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 142.097 ug/l

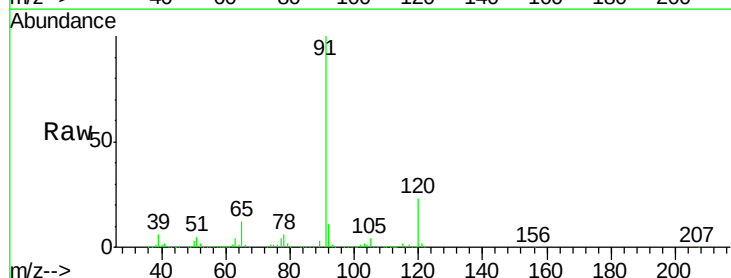
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066357.D

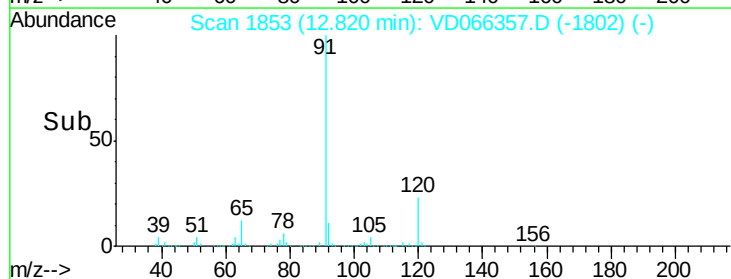
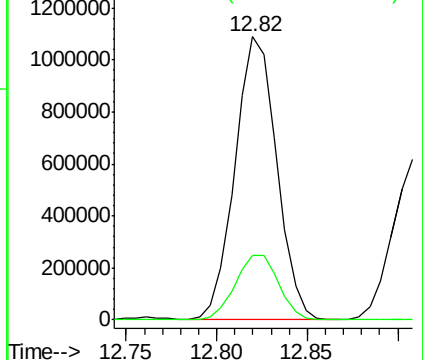
Acq: 21 Aug 2020 13:14

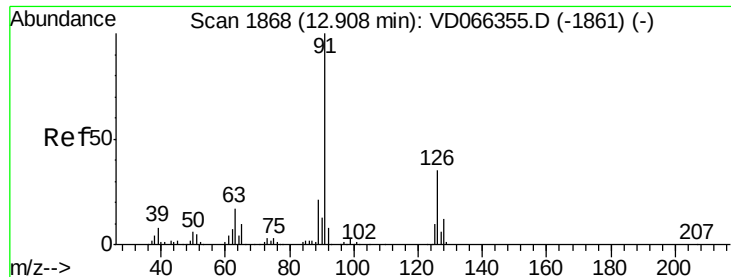
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.232 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 998100

Ion Ratio Lower Upper

91 100

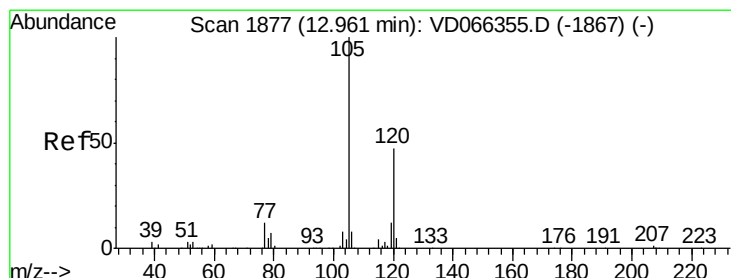
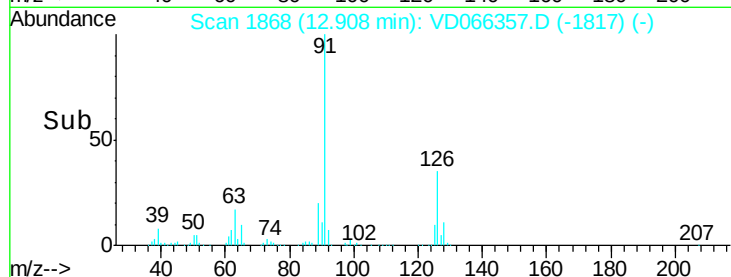
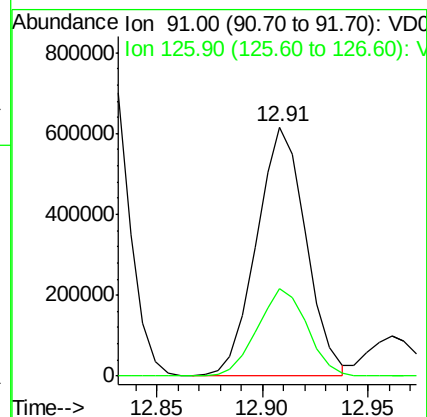
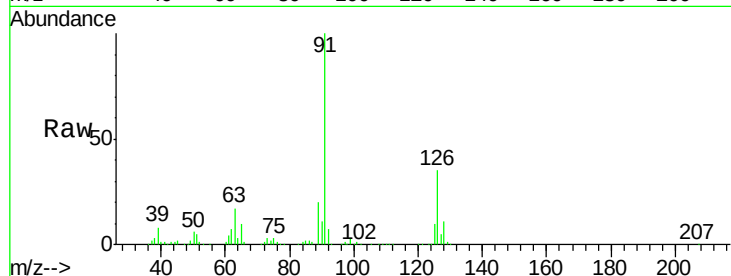
126 35.5 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 144.079 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066357.D

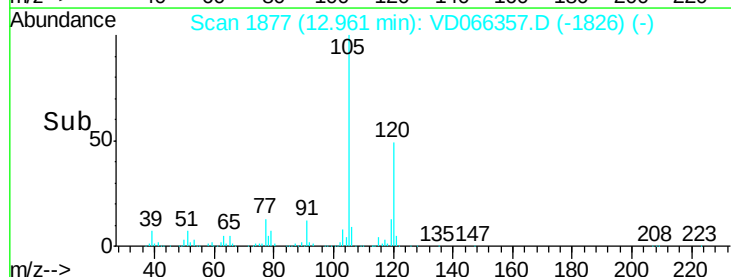
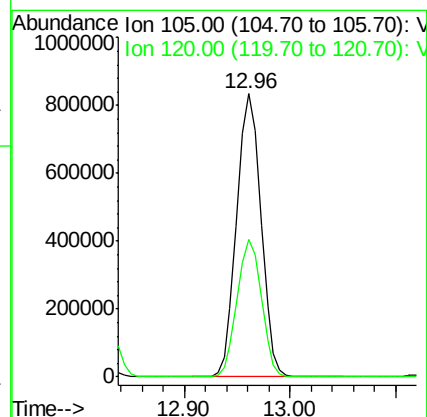
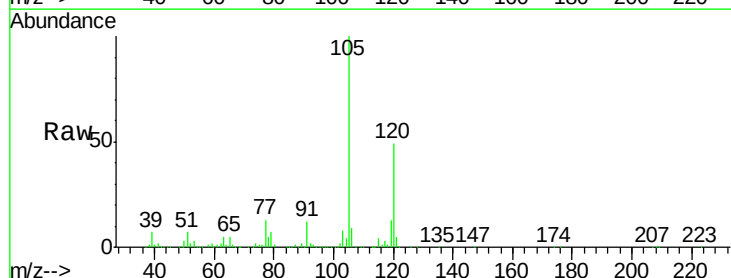
Acq: 21 Aug 2020 13:14

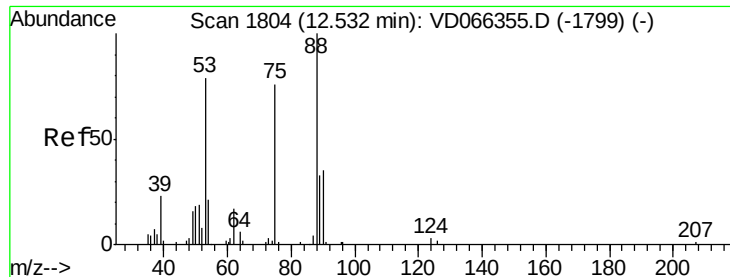
Tgt Ion:105 Resp: 1322172

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2





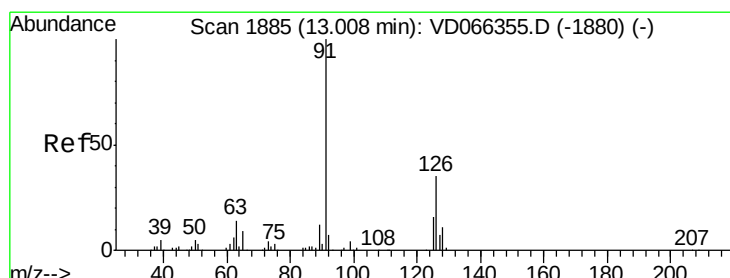
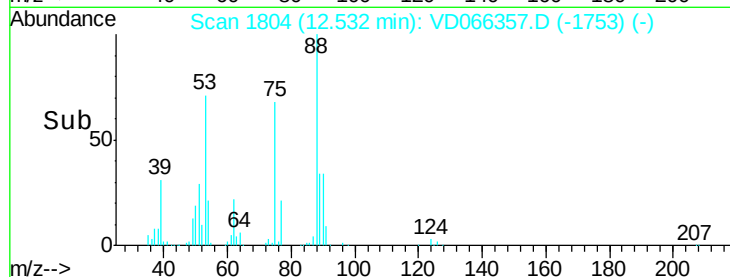
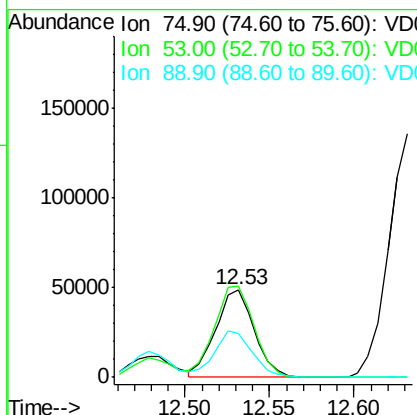
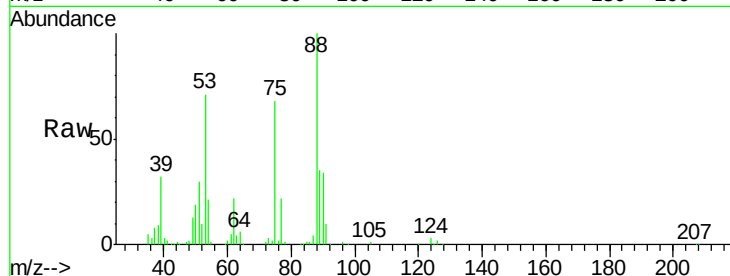
#81
trans-1,4-Dichloro-2-butene
Concen: 146.588 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.0	87.4	131.2
89	52.0	39.4	59.0

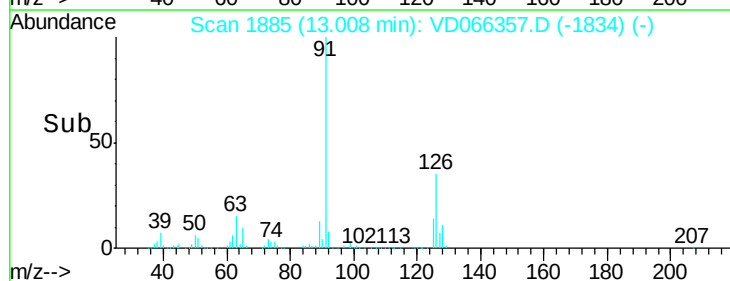
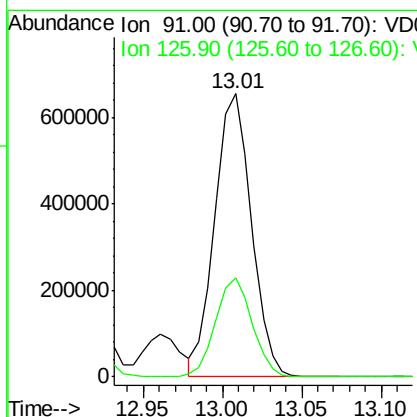
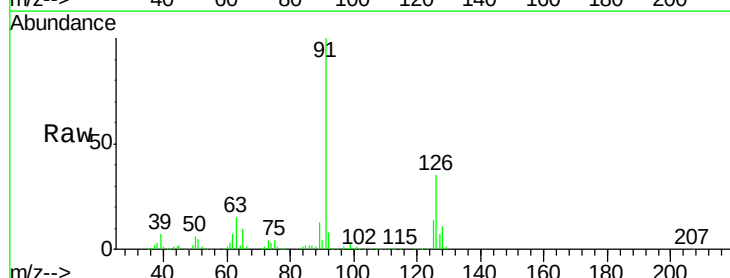
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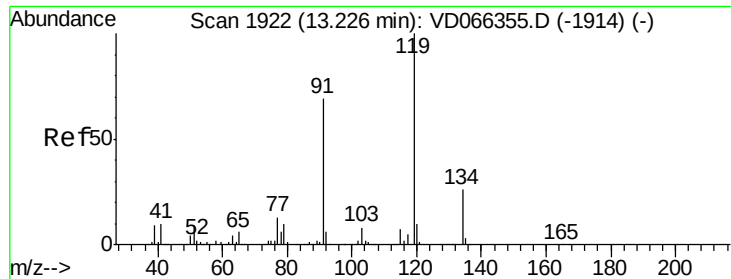
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#82
4-Chlorotoluene
Concen: 142.381 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.2





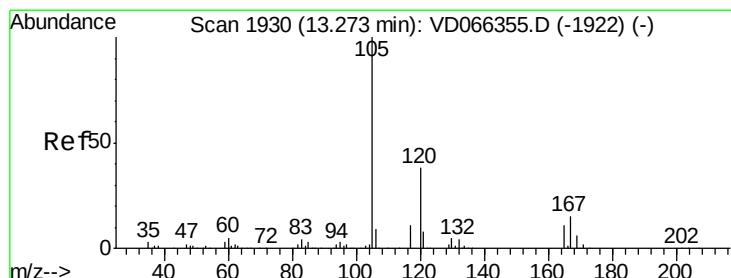
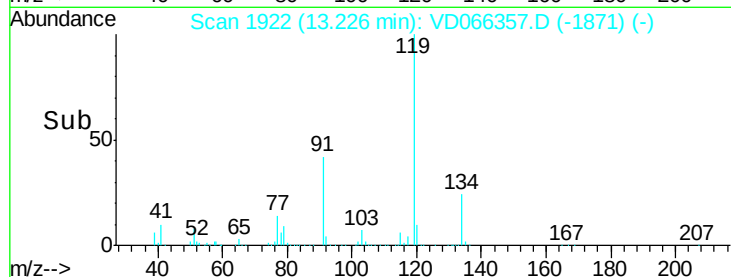
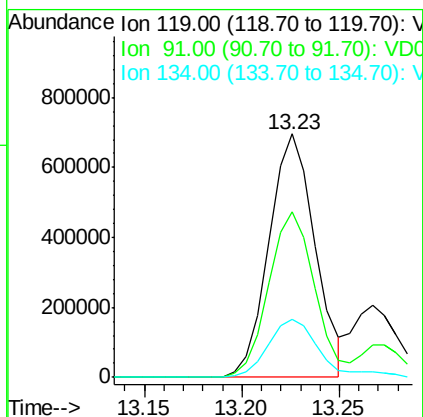
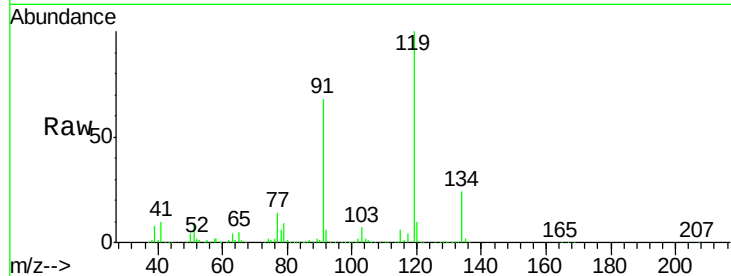
#83
 tert-Butylbenzene
 Concen: 145.649 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1136640
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.5 100.5
 134 26.9 13.5 40.4

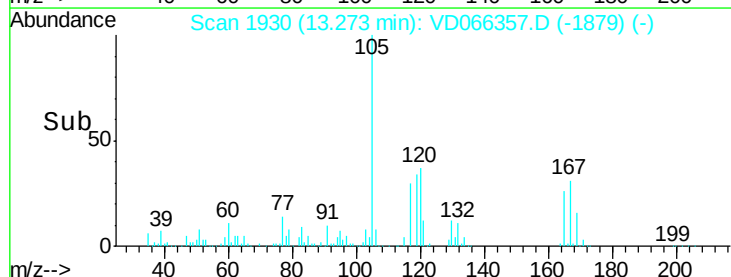
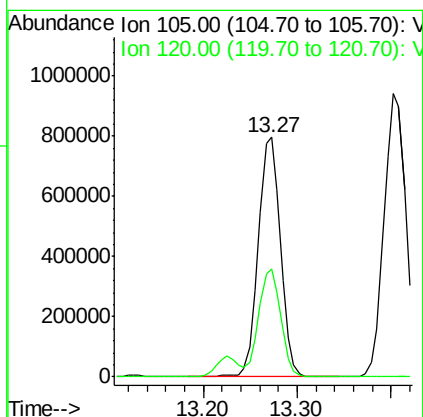
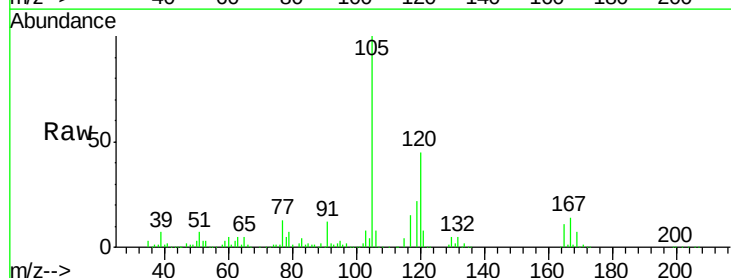
Manual Integrations
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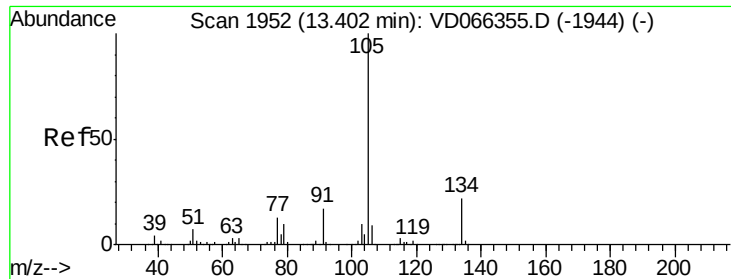
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#84
 1,2,4-Trimethylbenzene
 Concen: 145.246 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion:105 Resp: 1302937
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 143.578 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1513011

Ion Ratio Lower Upper

105 100

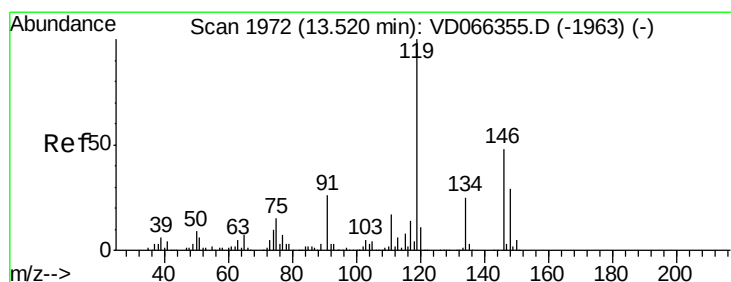
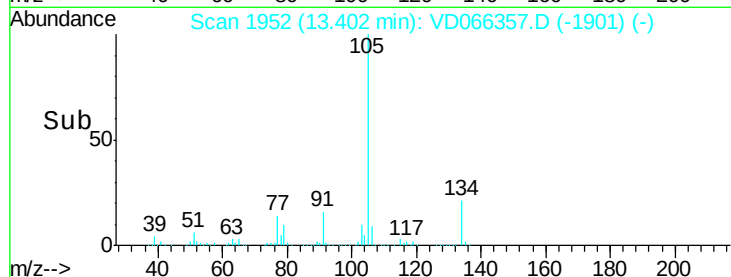
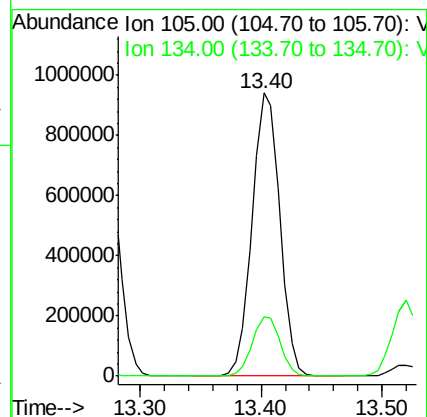
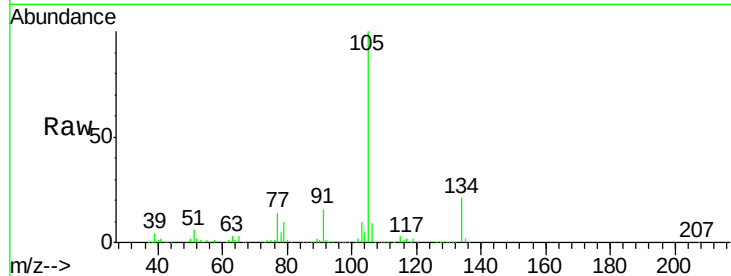
134 21.2 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 142.713 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

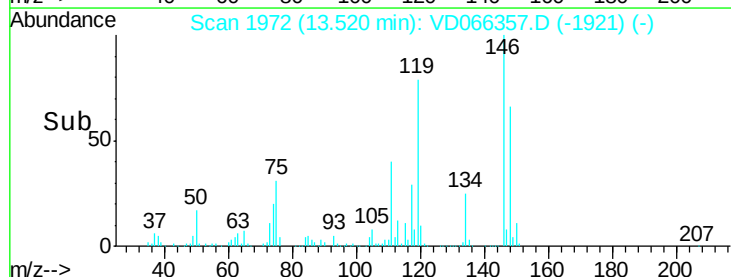
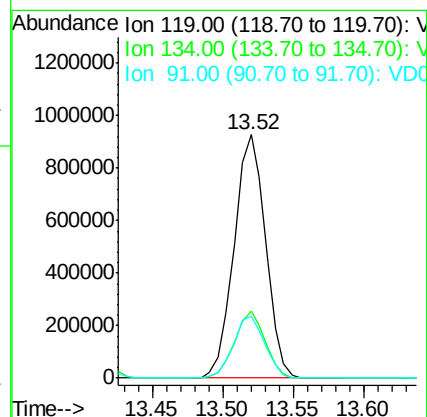
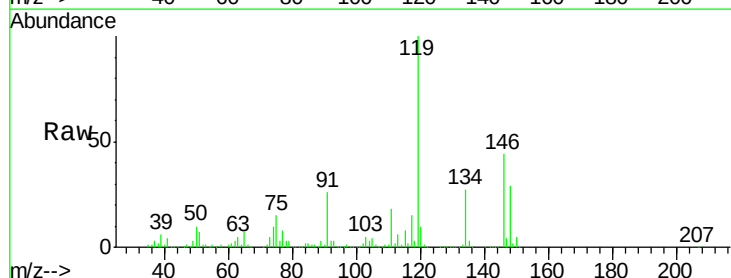
Tgt Ion:119 Resp: 1436666

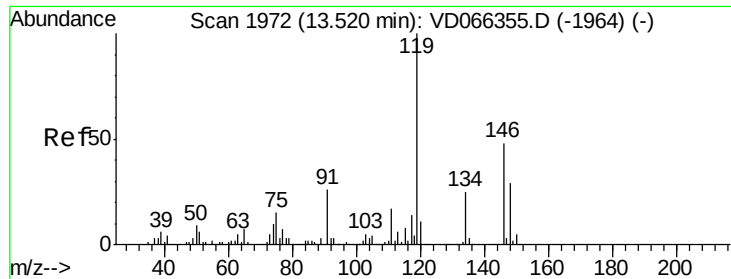
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 25.5 12.7 38.0





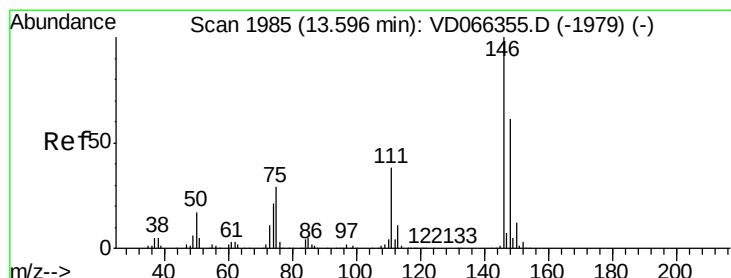
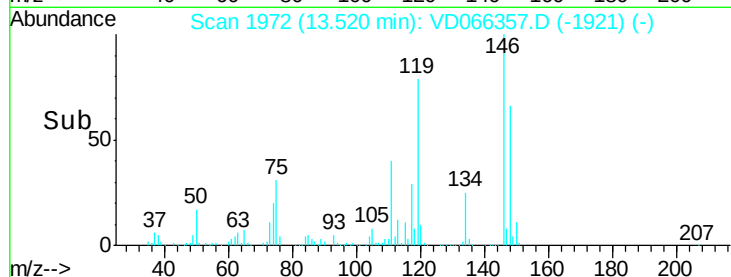
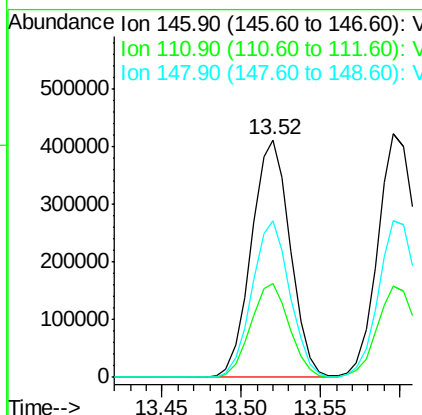
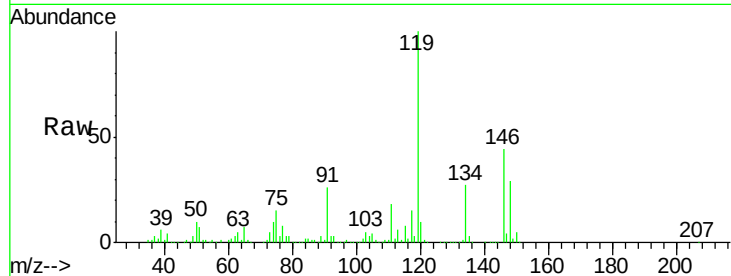
#87
 1,3-Dichlorobenzene
 Concen: 138.758 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	700595		
111	39.3	18.9	56.9	
148	64.3	31.8	95.3	

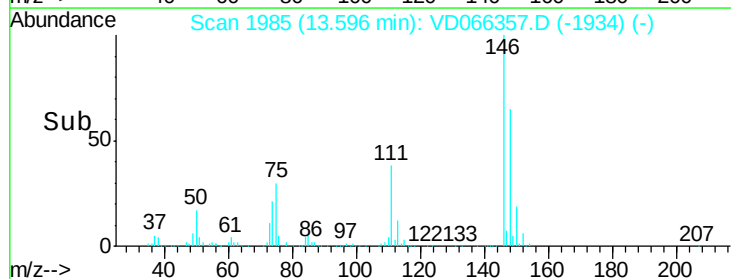
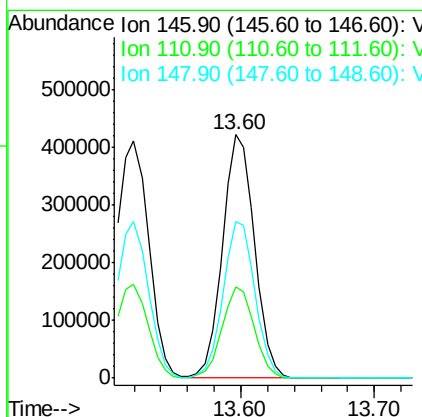
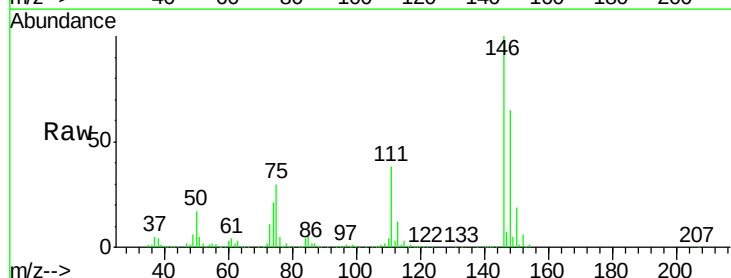
Manual Integrations
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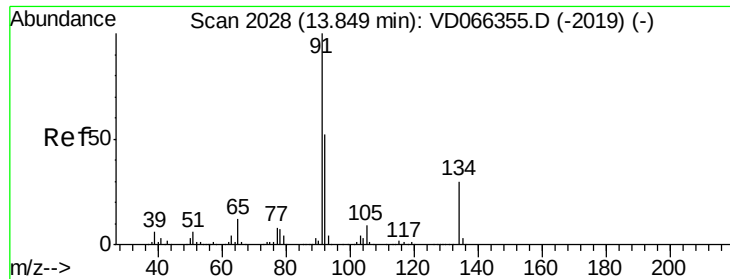
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#88
 1,4-Dichlorobenzene
 Concen: 138.154 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	708922		
111	37.6	19.1	57.5	
148	64.1	32.1	96.3	





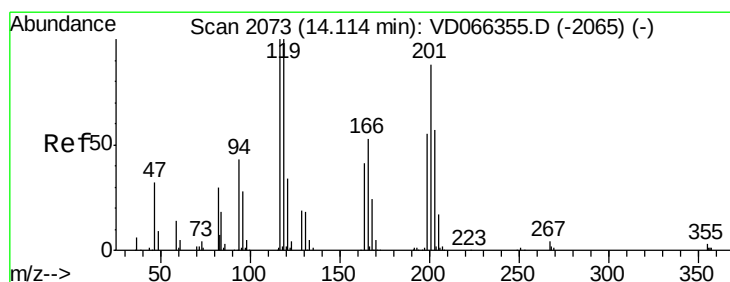
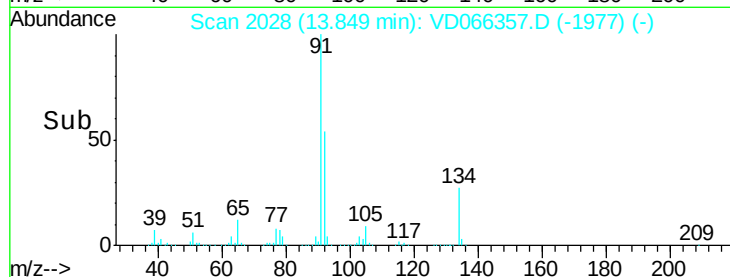
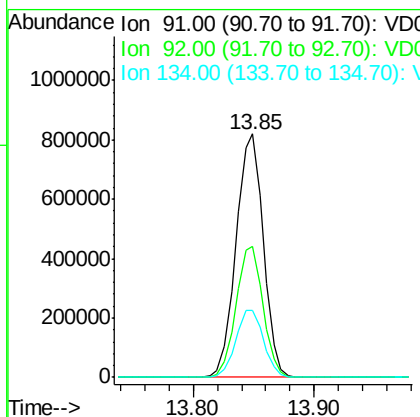
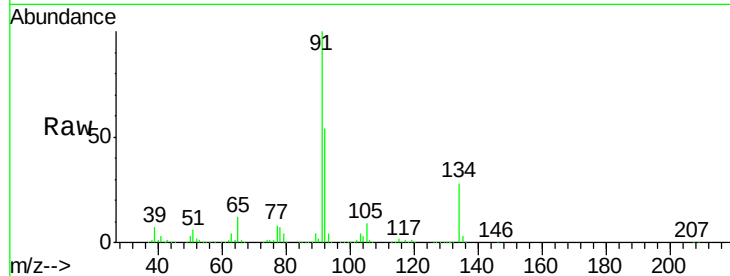
#89
n-Butylbenzene
Concen: 147.058 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.0
134	28.2	14.4	43.4

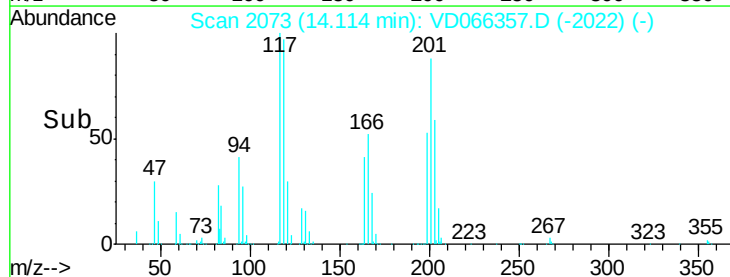
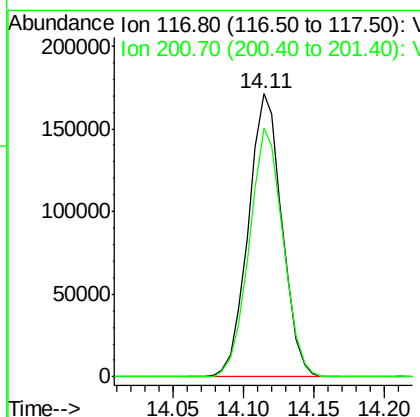
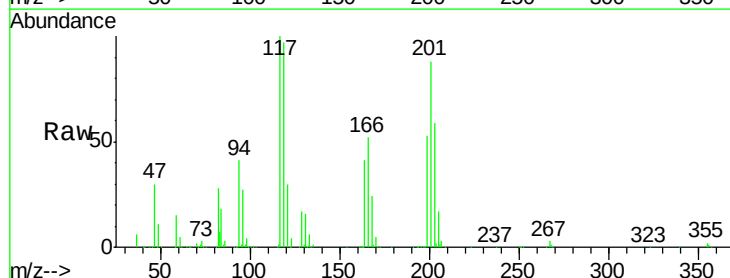
Manual Integrations
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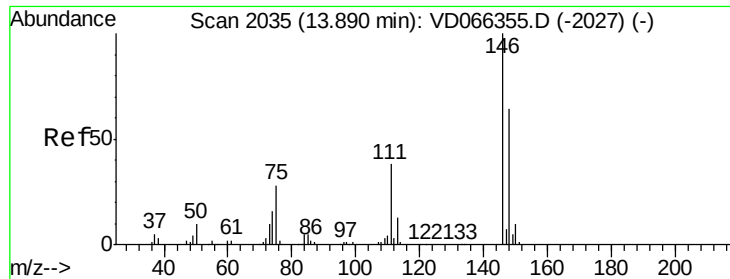
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#90
Hexachloroethane
Concen: 142.540 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066357.D
Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	45.4	136.2





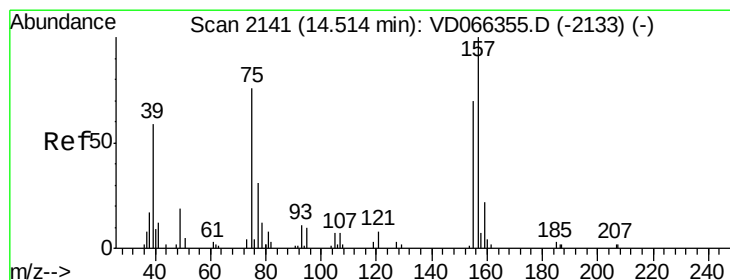
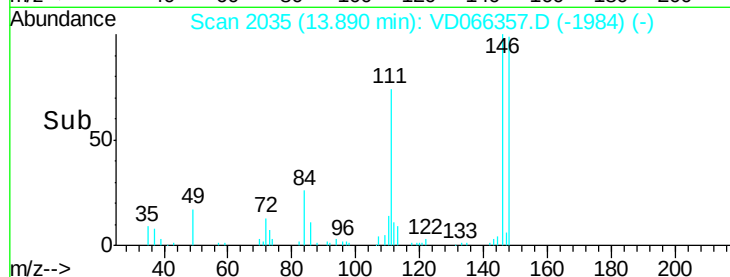
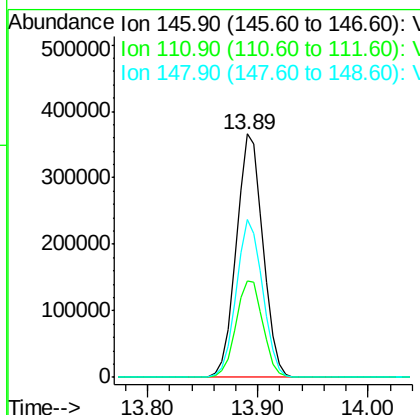
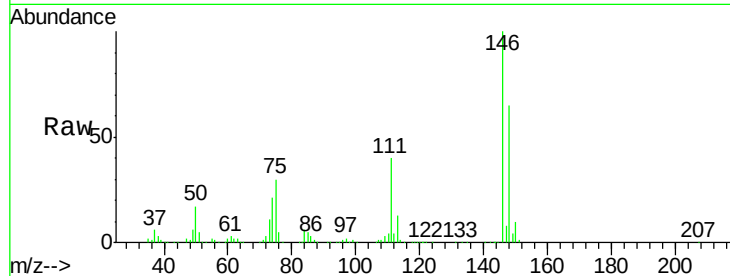
#91
 1,2-Dichlorobenzene
 Concen: 140.987 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	64.2	32.6	97.8

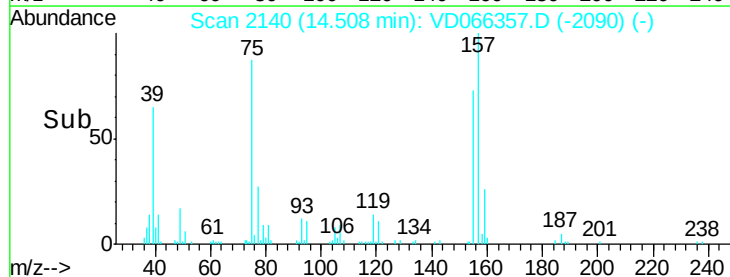
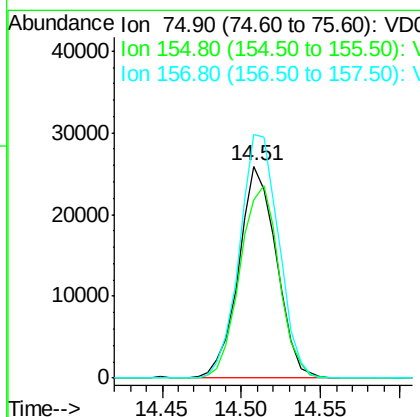
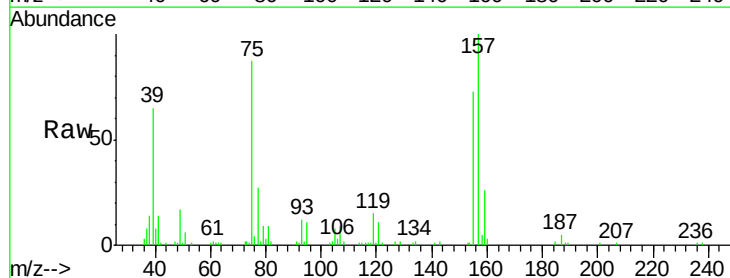
Manual Integrations
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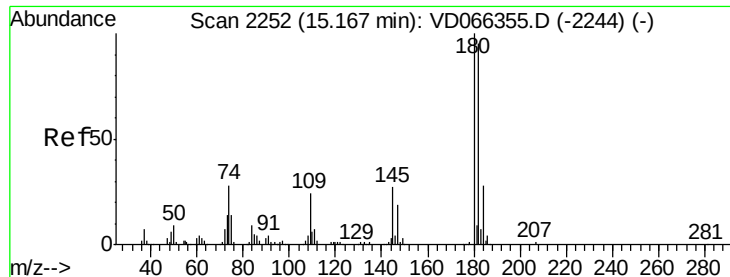
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 132.586 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066357.D
 Acq: 21 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	46.9	140.6
157	119.0	61.0	183.0





#93

1,2,4-Trichlorobenzene

Concen: 148.854 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

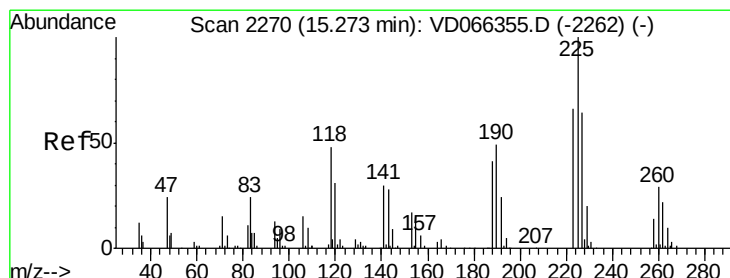
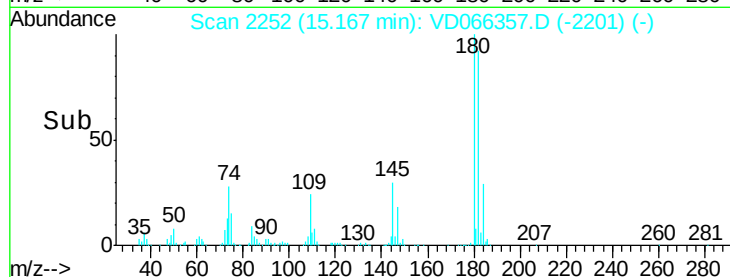
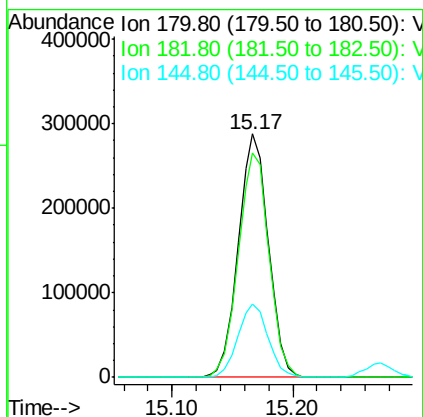
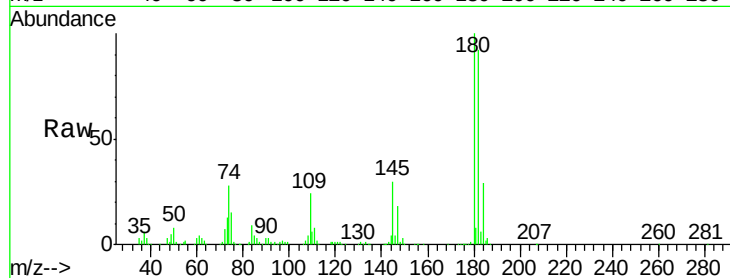
ClientSampleId :

VSTDIC150

Tot Ion:	180	Resp:	498029
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.0	144.0
145	30.3	15.2	45.6

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:36:50 PM



#94

Hexachlorobutadiene

Concen: 146.187 ug/l

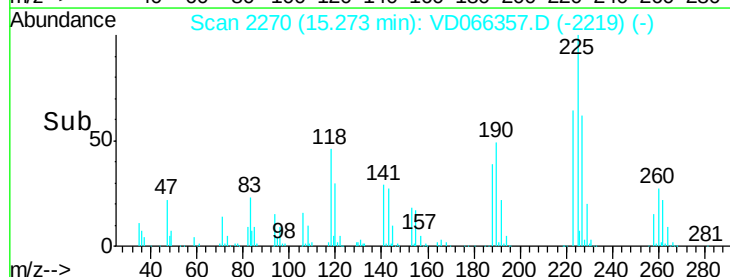
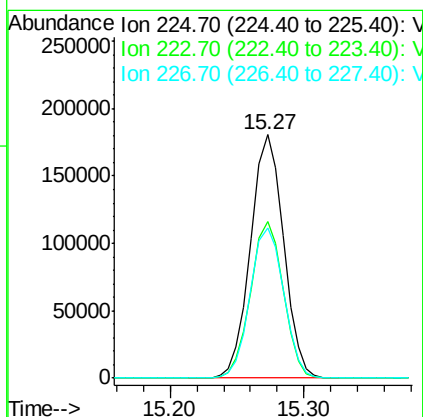
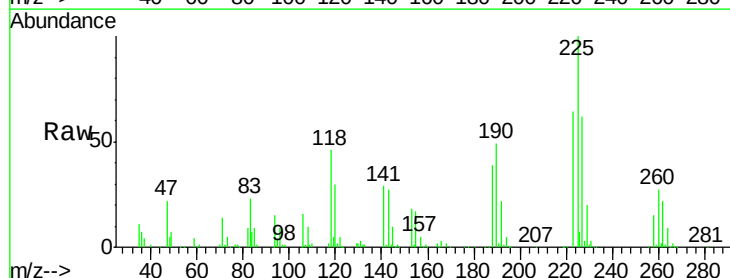
RT: 15.27 min Scan# 2270

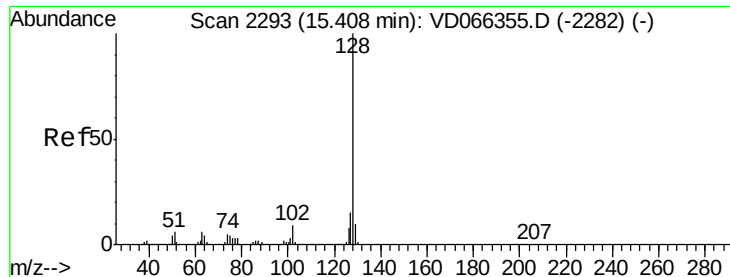
Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	225	Resp:	309247
Ion Ratio	Lower	Upper	
225	100		
223	63.6	32.5	97.4
227	62.7	33.0	98.9





#95

Naphthalene

Concen: 158.845 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_D

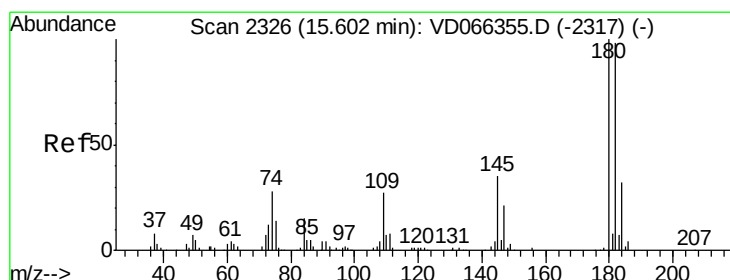
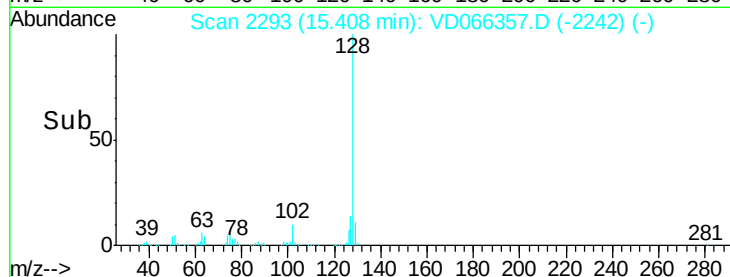
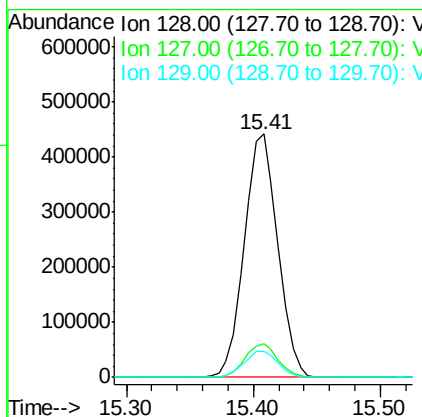
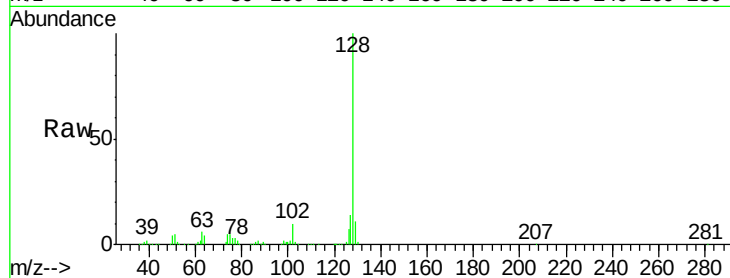
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	810546
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.7	16.1
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:36:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 149.675 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066357.D

Acq: 21 Aug 2020 13:14

Tgt Ion:	180	Resp:	425733
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.7	140.0
145	31.9	16.0	48.0

