

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067123.D
 Acq On : 06 Oct 2020 23:34
 Operator : VA/SY
 Sample : VD1006SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:12 PM

Quant Time: Oct 07 02:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	354503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	560840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	521532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	174088	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.92	113	189096	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.34	98	678377	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.63	95	241140	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73326	23.018	ug/l	93
3) Chloromethane	2.20	50	56647	20.065	ug/l	96
4) Vinyl Chloride	2.34	62	57052	20.154	ug/l	93
5) Bromomethane	2.76	94	45429	22.517	ug/l	86
6) Chloroethane	2.91	64	35696	20.706	ug/l	96
7) Trichlorofluoromethane	3.27	101	127815	20.322	ug/l	97
8) Diethyl Ether	3.71	74	32722	20.981	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	70751	19.903	ug/l	98
10) Methyl Iodide	4.30	142	72214	20.907	ug/l	98
11) Tert butyl alcohol	5.23	59	23620m	86.196	ug/l	
12) 1,1-Dichloroethene	4.07	96	65723	19.667	ug/l	93
13) Acrolein	3.93	56	18980	83.013	ug/l	94
14) Allyl chloride	4.71	41	82051	18.900	ug/l	97
15) Acrylonitrile	5.42	53	56303	98.087	ug/l	99
16) Acetone	4.16	43	50700	97.269	ug/l	99
17) Carbon Disulfide	4.40	76	198359	19.341	ug/l	99
18) Methyl Acetate	4.71	43	27053	20.651	ug/l	90
19) Methyl tert-butyl Ether	5.48	73	131568	21.567	ug/l	97
20) Methylene Chloride	4.97	84	96083	21.886	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	79043	20.784	ug/l	97
22) Diisopropyl ether	6.36	45	160590	20.262	ug/l #	96
23) Vinyl Acetate	6.30	43	425277	94.692	ug/l	98
24) 1,1-Dichloroethane	6.27	63	125934m	20.589	ug/l	
25) 2-Butanone	7.21	43	68841	93.156	ug/l	100
26) 2,2-Dichloropropane	7.21	77	108816	18.180	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	85609	21.077	ug/l	99
28) Bromochloromethane	7.55	49	43015	18.210	ug/l	90
29) Tetrahydrofuran	7.56	42	40464	95.229	ug/l	92
30) Chloroform	7.71	83	145555	21.937	ug/l	97
31) Cyclohexane	7.98	56	92109	17.962	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	130964	21.297	ug/l	97
36) 1,1-Dichloropropene	8.11	75	102890	19.682	ug/l	98
37) Ethyl Acetate	7.30	43	35253	19.466	ug/l	98
38) Carbon Tetrachloride	8.10	117	120129	21.238	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	105148	19.025	ug/l	99
40) Benzene	8.35	78	298511	20.558	ug/l	99
41) Methacrylonitrile	7.52	41	18654	19.066	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	90360	22.271	ug/l	97
43) Isopropyl Acetate	8.45	43	64646	19.377	ug/l	96
44) Trichloroethene	9.11	130	92628	21.363	ug/l	97
45) 1,2-Dichloropropane	9.38	63	70908	20.784	ug/l	97
46) Dibromomethane	9.47	93	42239	21.541	ug/l	93
47) Bromodichloromethane	9.66	83	111128	21.802	ug/l	94
48) Methyl methacrylate	9.46	41	31361	18.348	ug/l #	77
49) 1,4-Dioxane	9.47	88	8335	407.279	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	163949	98.659	ug/l	99
52) Toluene	10.40	92	203560	21.763	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	96604	21.206	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	115911	20.837	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	59701	21.899	ug/l	95
56) Ethyl methacrylate	10.66	69	58350	20.731	ug/l	97
57) 1,3-Dichloropropane	10.95	76	92246	20.866	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	156491	99.894	ug/l	99
59) 2-Hexanone	10.98	43	109075	98.342	ug/l	98
60) Dibromochloromethane	11.14	129	82161	22.612	ug/l	96
61) 1,2-Dibromoethane	11.24	107	56564	21.597	ug/l	94
64) Tetrachloroethene	10.87	164	80365	21.196	ug/l	94
65) Chlorobenzene	11.67	112	228319	22.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84603	21.442	ug/l	98
67) Ethyl Benzene	11.74	91	380725	21.422	ug/l	99
68) m/p-Xylenes	11.86	106	301210	43.489	ug/l	99
69) o-Xylene	12.18	106	134730	21.753	ug/l	95
70) Styrene	12.20	104	236652	22.251	ug/l	98
71) Bromoform	12.36	173	46365	22.638	ug/l #	95
73) Isopropylbenzene	12.48	105	364422	20.695	ug/l	100
74) N-amyl acetate	12.29	43	59055	18.655	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	60863	20.514	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	40997m	18.149	ug/l	
77) Bromobenzene	12.76	156	91937	21.622	ug/l	95
78) n-propylbenzene	12.82	91	428489	20.589	ug/l	99
79) 2-Chlorotoluene	12.91	91	249633	20.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	318742	21.424	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	16833	18.578	ug/l	96
82) 4-Chlorotoluene	13.01	91	264702	20.894	ug/l	100
83) tert-Butylbenzene	13.23	119	272126	21.720	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	321217	21.634	ug/l	98
85) sec-Butylbenzene	13.40	105	362425	20.541	ug/l	100
86) p-Isopropyltoluene	13.52	119	344428	21.056	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	174551	21.075	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	173145	20.908	ug/l	99
89) n-Butylbenzene	13.85	91	293338	19.622	ug/l	99
90) Hexachloroethane	14.12	117	57581	20.096	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	150607	20.822	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9365	19.581	ug/l	92

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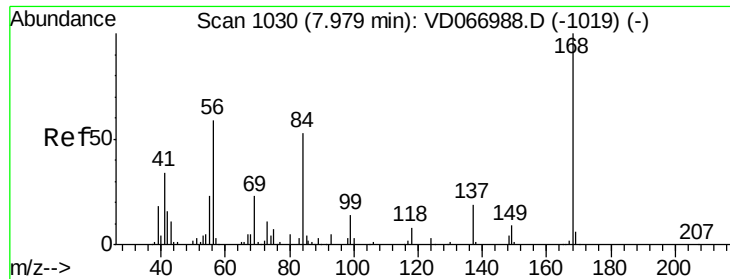
Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:12 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	98703	21.096	ug/l	98
94) Hexachlorobutadiene	15.27	225	58993	20.531	ug/l	97
95) Naphthalene	15.41	128	160975	20.628	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	85956	21.164	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion:168 Resp: 354503

Ion Ratio Lower Upper

168 100

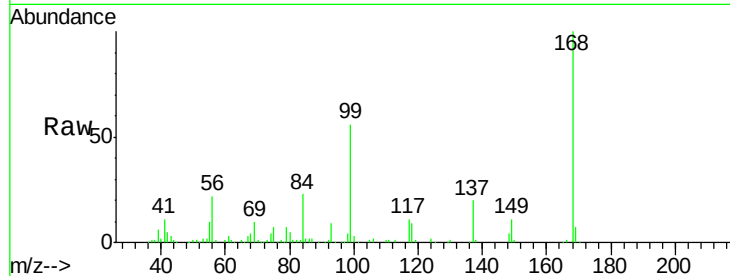
99 56.3 44.1 66.1

Manual Integrations

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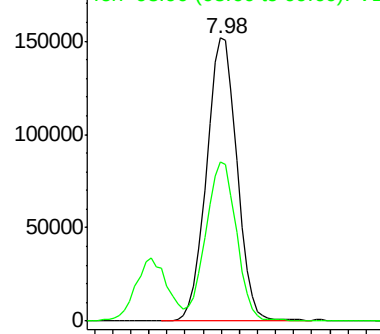
MMDadoda

10/7/2020 12:10:12 PM

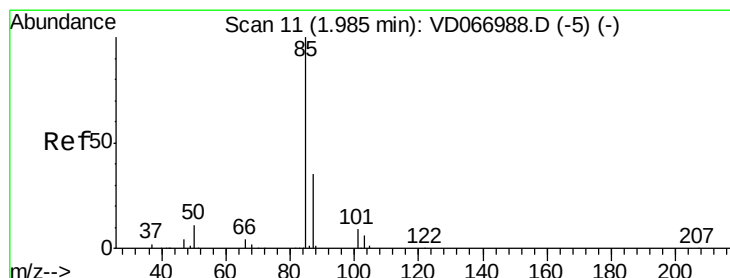
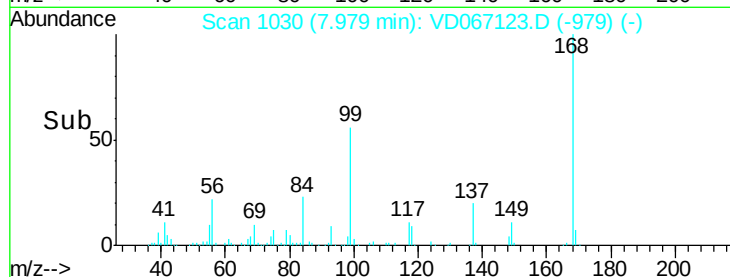


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#2

Dichlorodifluoromethane

Concen: 23.018 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067123.D

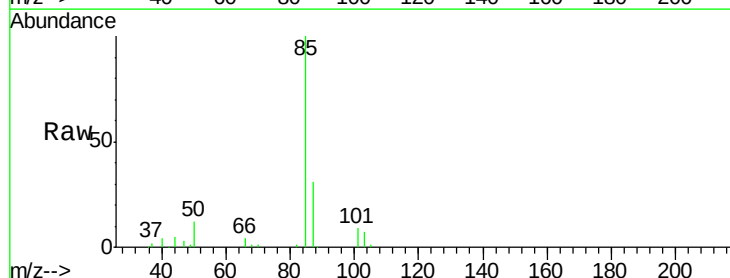
Acq: 06 Oct 2020 23:34

Tgt Ion: 85 Resp: 73326

Ion Ratio Lower Upper

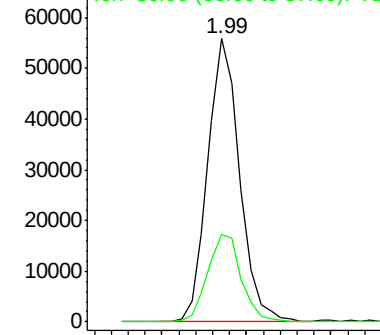
85 100

87 30.9 17.3 52.0

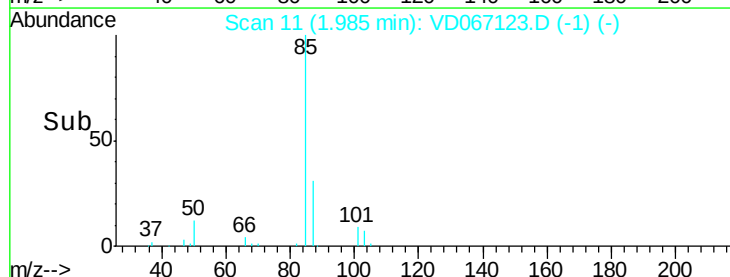


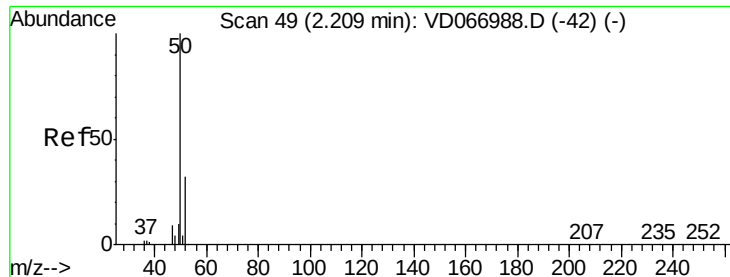
Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



Time-->





#3

Chloromethane

Concen: 20.065 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 50 Resp: 56647

Ion Ratio Lower Upper

50 100

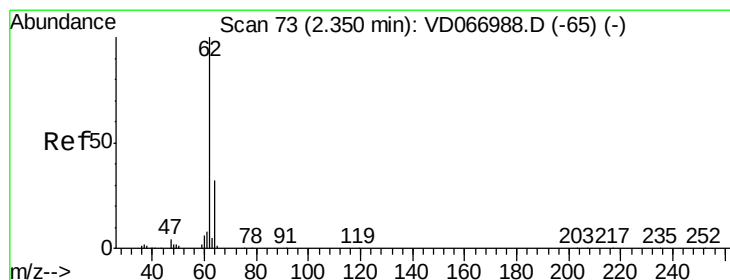
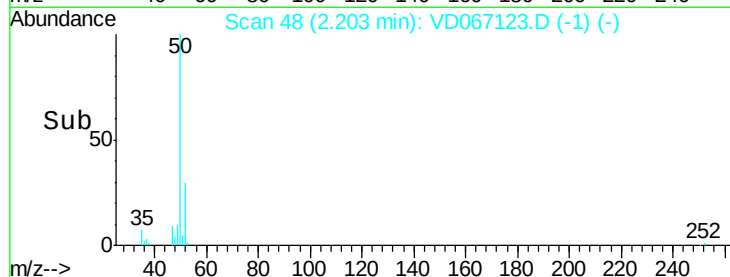
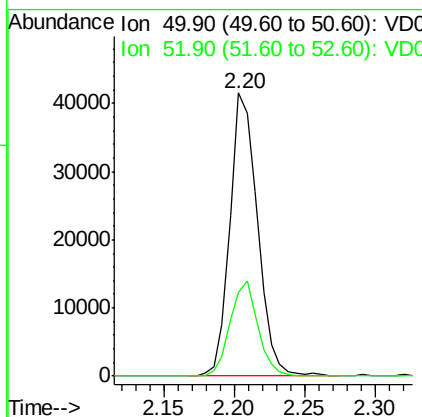
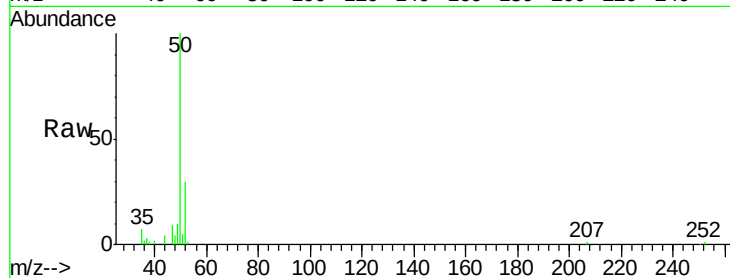
52 29.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.154 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067123.D

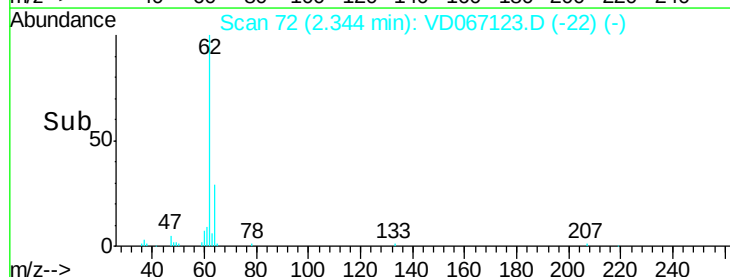
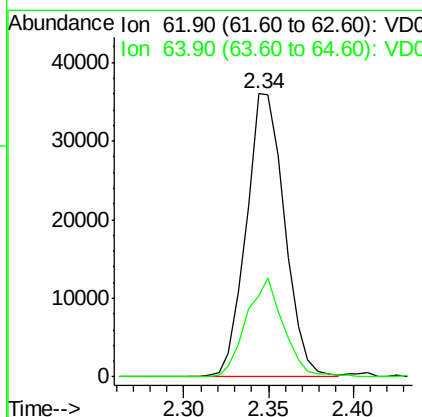
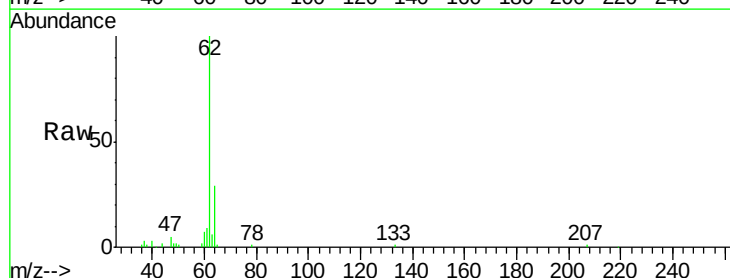
Acq: 06 Oct 2020 23:34

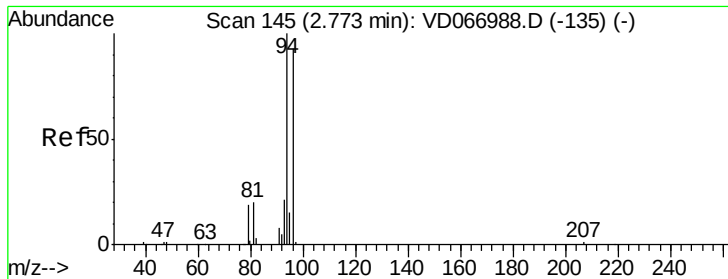
Tgt Ion: 62 Resp: 57052

Ion Ratio Lower Upper

62 100

64 28.6 25.8 38.8





#5

Bromomethane

Concen: 22.517 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 94 Resp: 45429

Ion Ratio Lower Upper

94 100

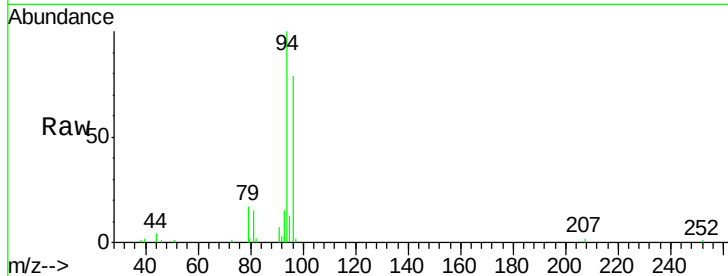
96 79.5 74.6 112.0

Manual Integrations

APPROVED

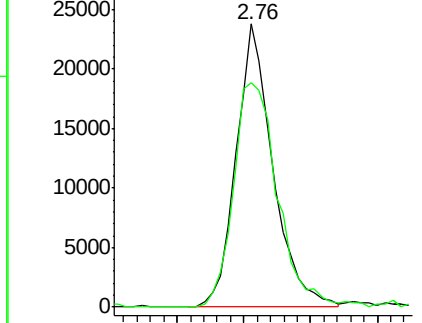
MMDadoda

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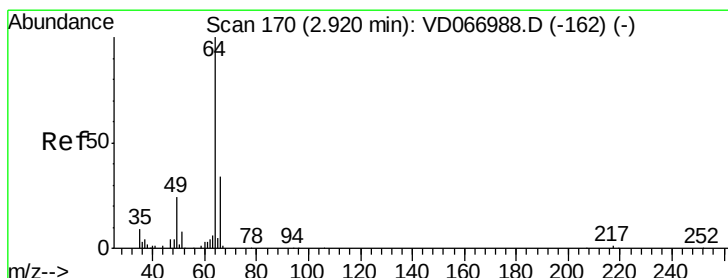
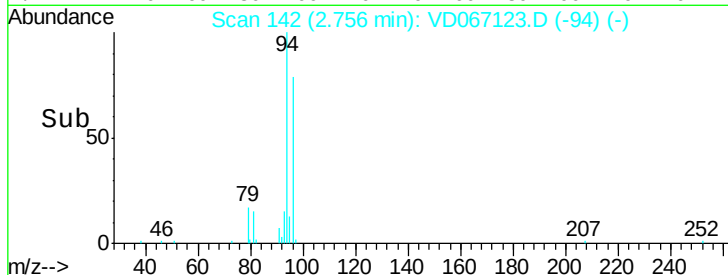


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 20.706 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067123.D

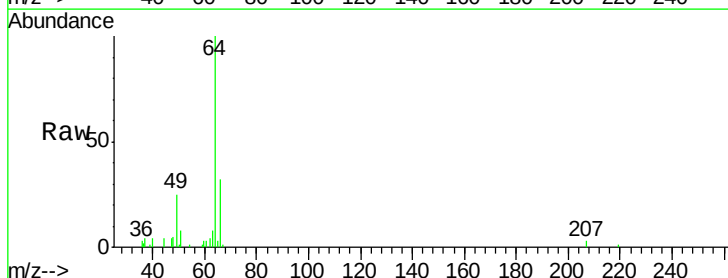
Acq: 06 Oct 2020 23:34

Tgt Ion: 64 Resp: 35696

Ion Ratio Lower Upper

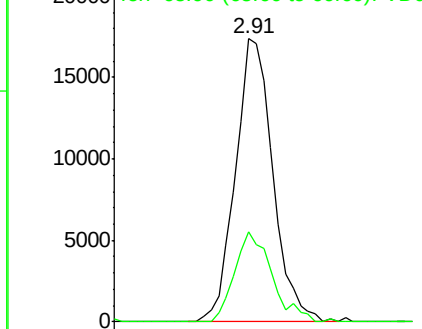
64 100

66 31.8 27.0 40.6

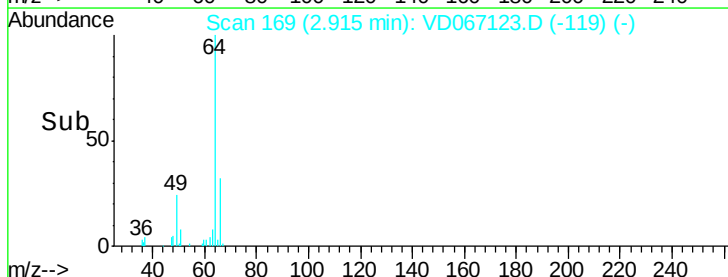


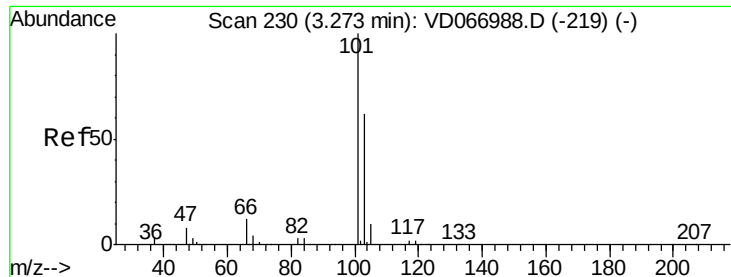
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

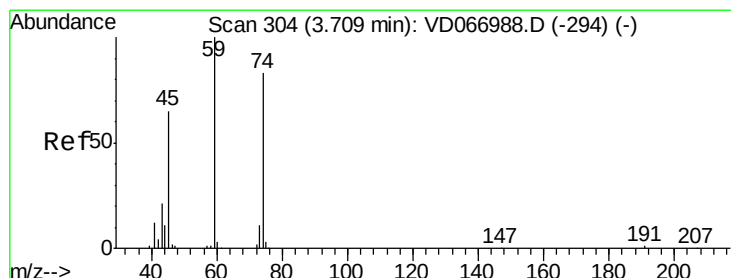
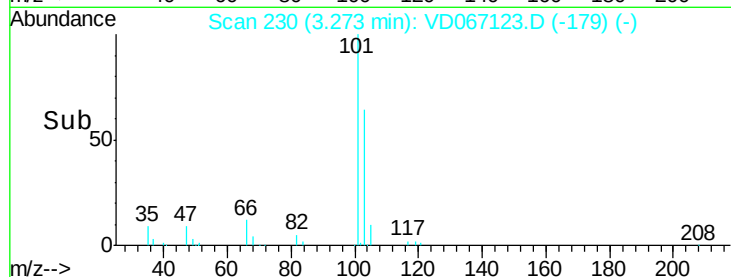
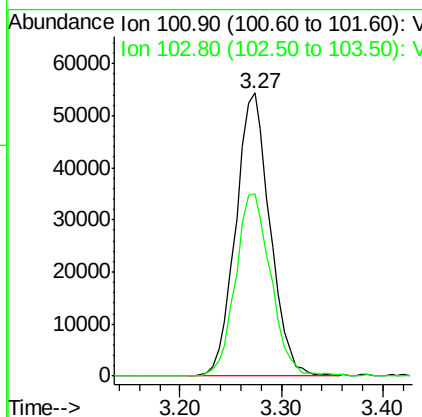
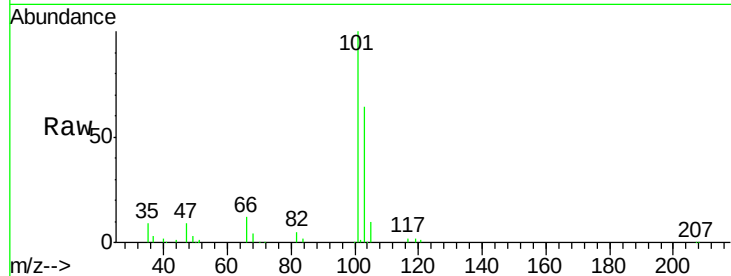
Trichlorofluoromethane
 Concen: 20.322 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	49.8	74.8

Manual Integrations
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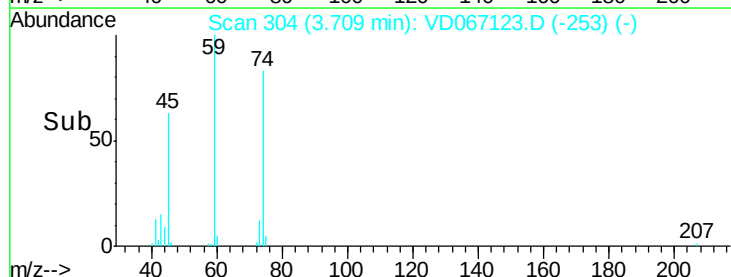
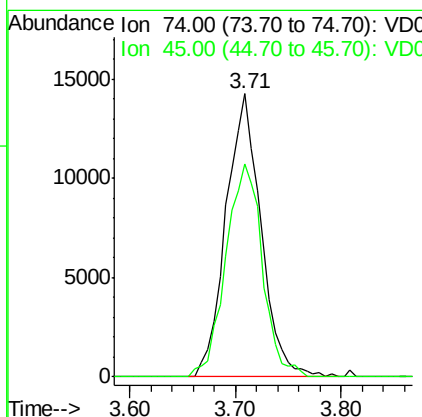
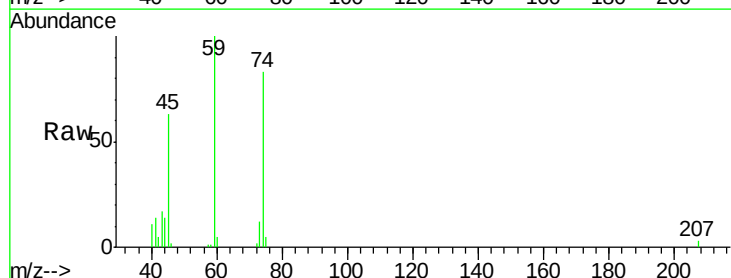
MMDadoda
 10/7/2020 12:10:12 PM

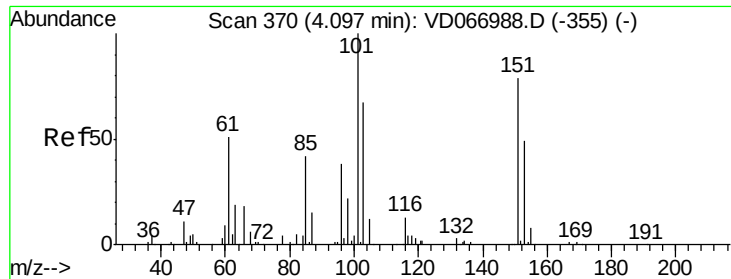


#8

Diethyl Ether
 Concen: 20.981 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.1	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.903 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

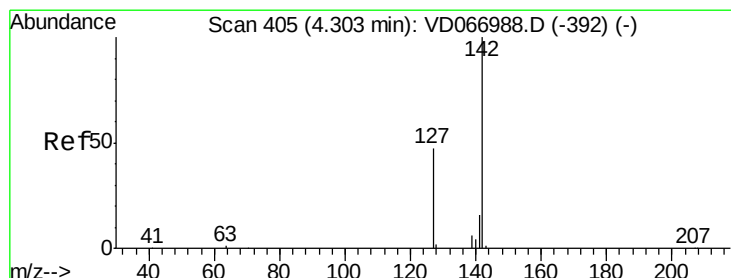
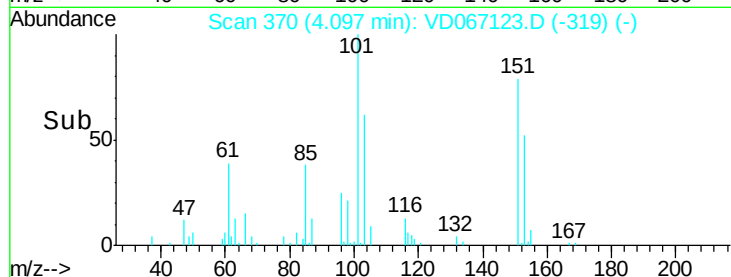
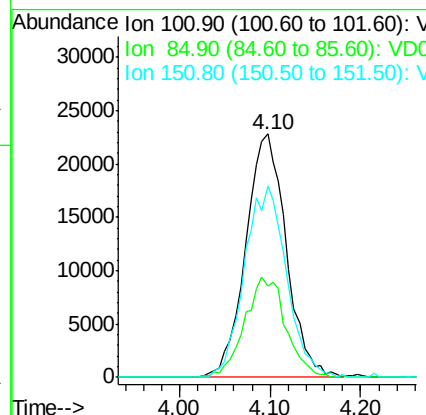
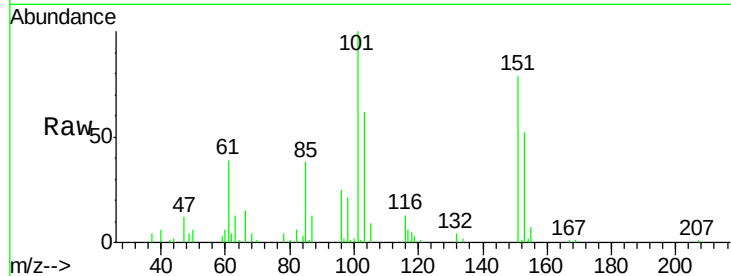
ClientSampleId :

VD1006SBS02

Tot Ion:	101	Resp:	70751
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	81.6	63.8	95.8

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 20.907 ug/l

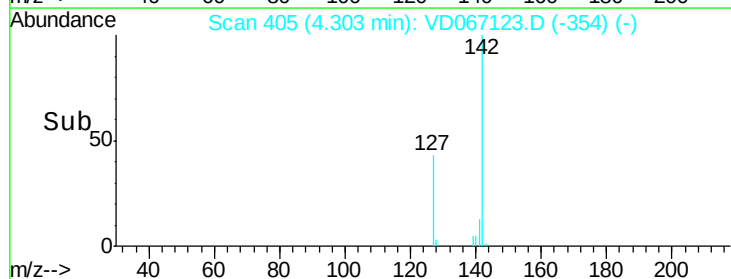
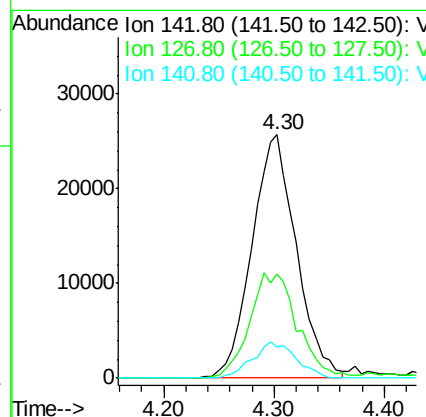
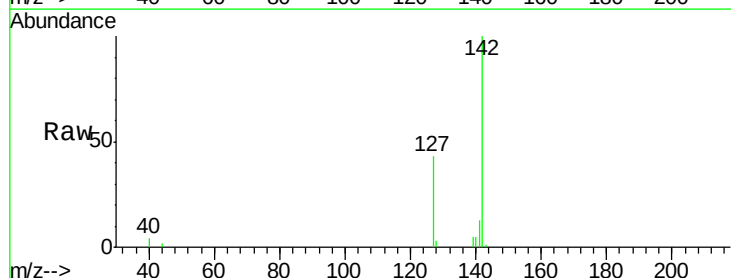
RT: 4.30 min Scan# 405

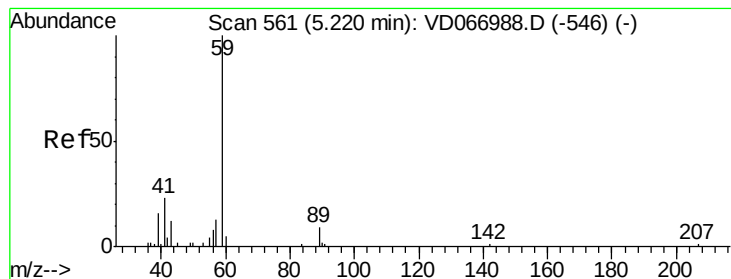
Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	142	Resp:	72214
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.3	54.5
141	14.5	12.0	18.0





#11

Tert butyl alcohol

Concen: 86.196 ug/l m

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 59 Resp: 23620

Ion Ratio Lower Upper

59 100

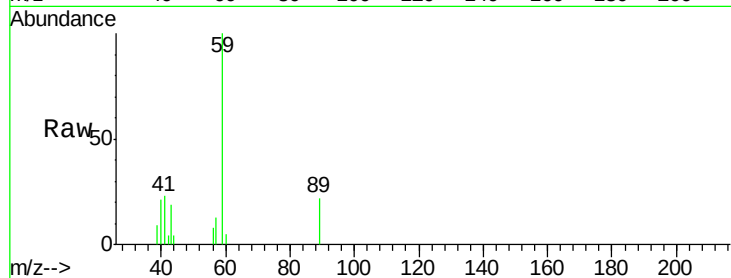
57 0.0 8.2 12.4#

Manual Integrations

APPROVED

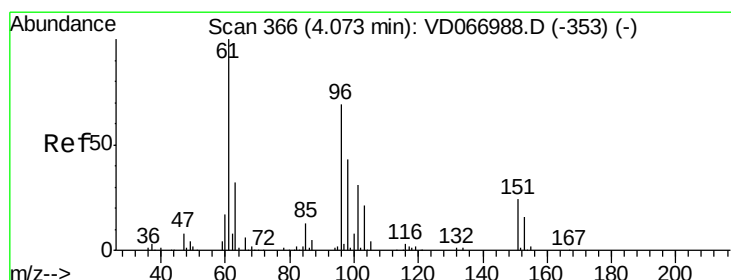
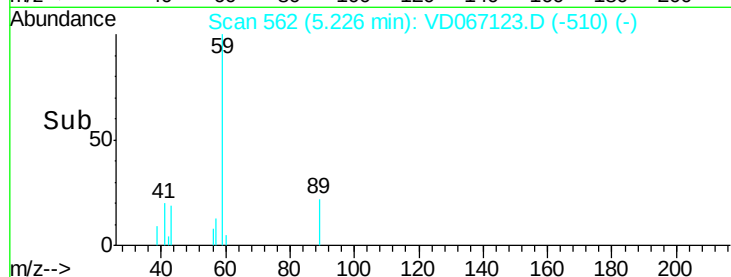
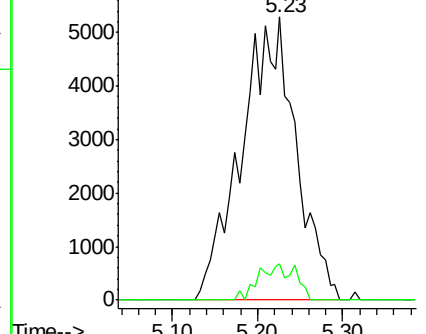
MMDadoda

10/7/2020 12:10:12 PM



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.667 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

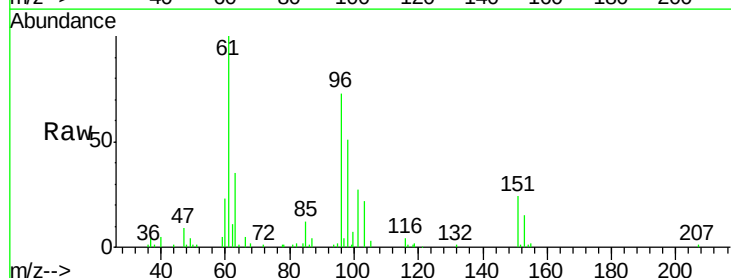
Tgt Ion: 96 Resp: 65723

Ion Ratio Lower Upper

96 100

61 137.4 116.4 174.6

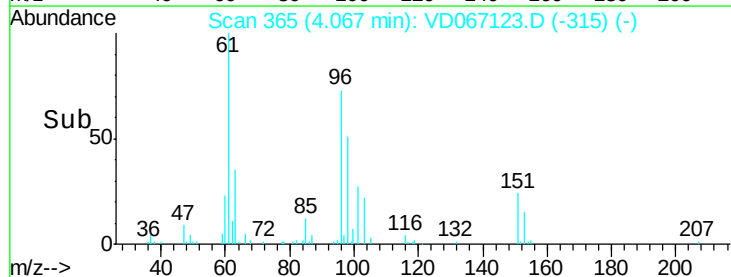
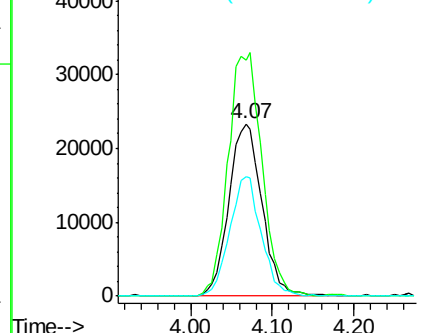
98 69.6 49.9 74.9

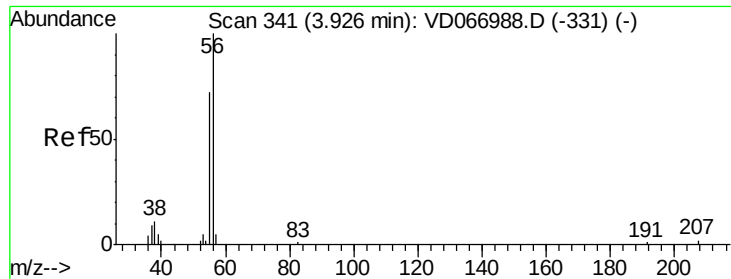


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





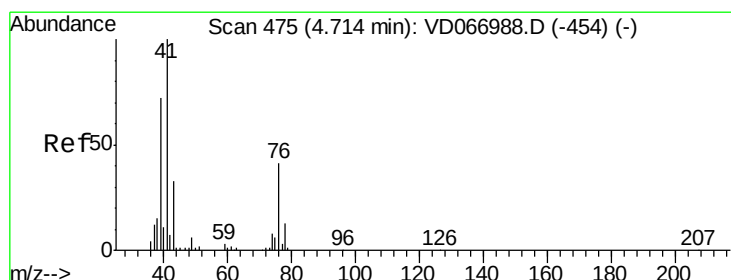
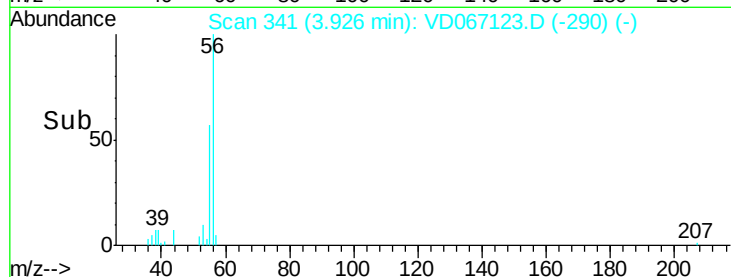
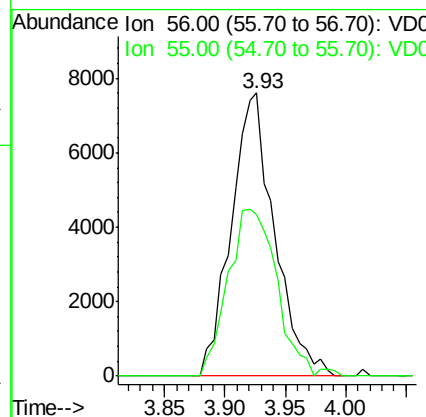
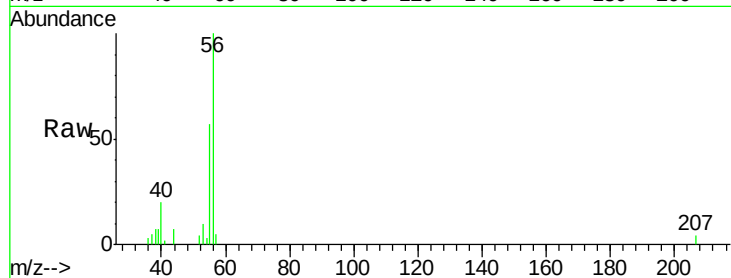
#13
Acrolein
Concen: 83.013 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	56	Resp	18980
Ion Ratio	100	Lower	Upper
55	66.3	56.9	85.3

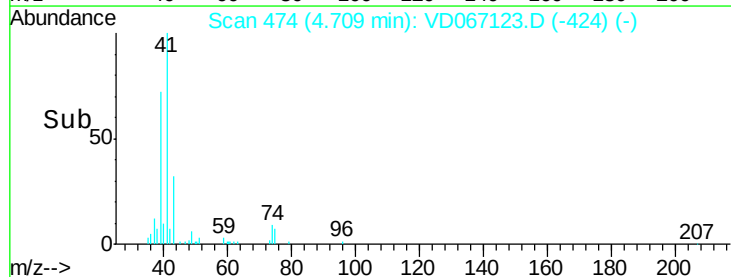
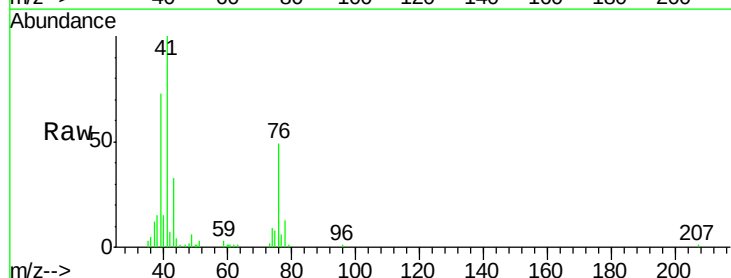
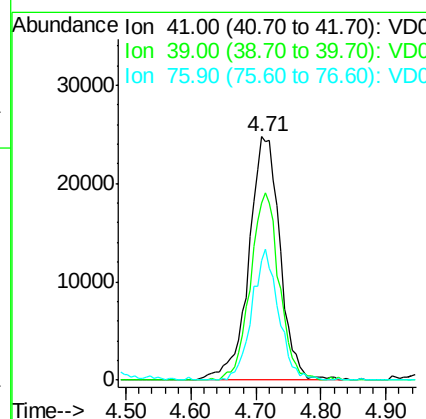
Manual Integrations
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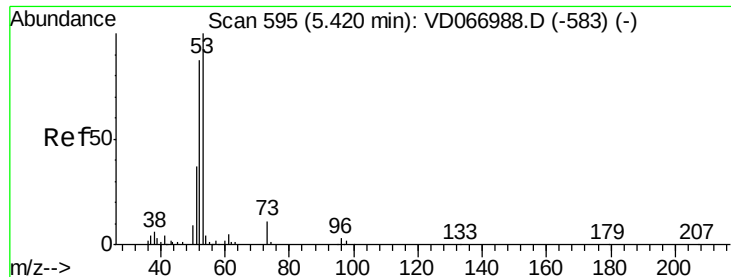
MMDadoda
10/7/2020 12:10:12 PM



#14
Allyl chloride
Concen: 18.900 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	41	Resp	82051
Ion Ratio	100	Lower	Upper
39	71.0	56.2	84.2
76	46.4	34.2	51.2





#15

Acrylonitrile

Concen: 98.087 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

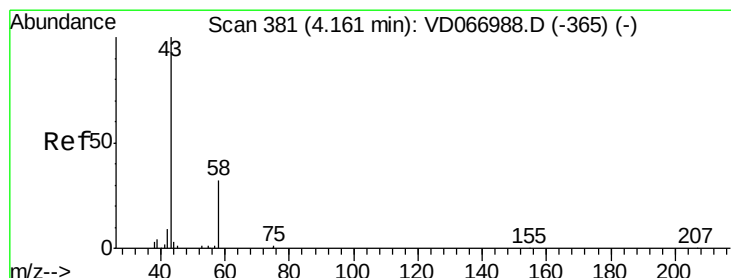
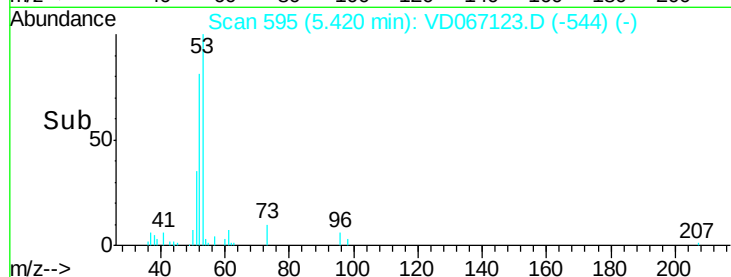
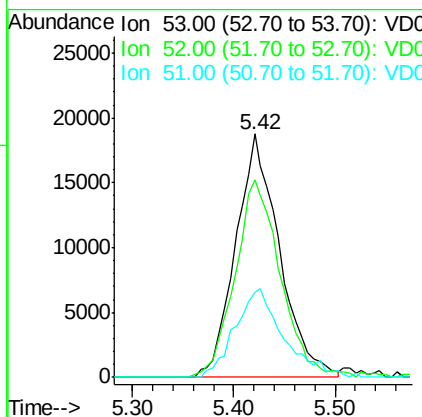
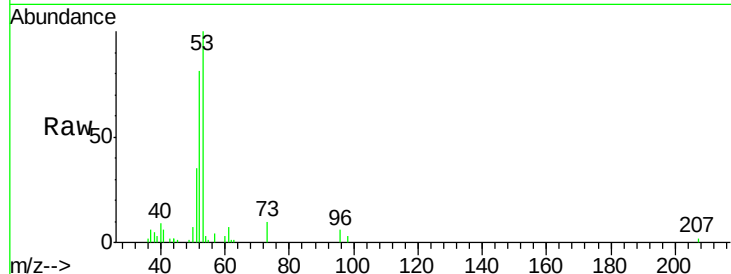
ClientSampleId :

VD1006SBS02

Tot Ion:	53	Resp:	56303
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.3	100.9
51	40.2	30.2	45.2

Manual Integrations
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MMDadoda
10/7/2020 12:10:12 PM



#16

Acetone

Concen: 97.269 ug/l

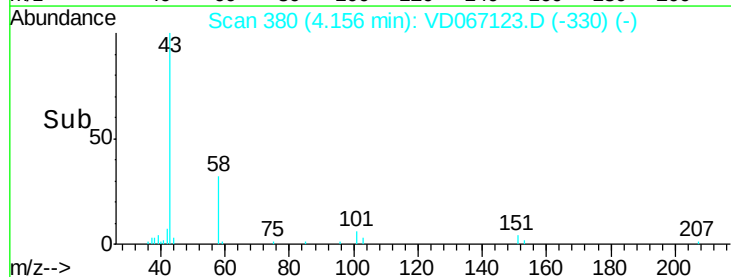
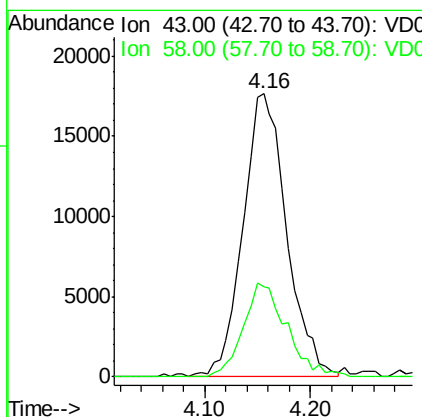
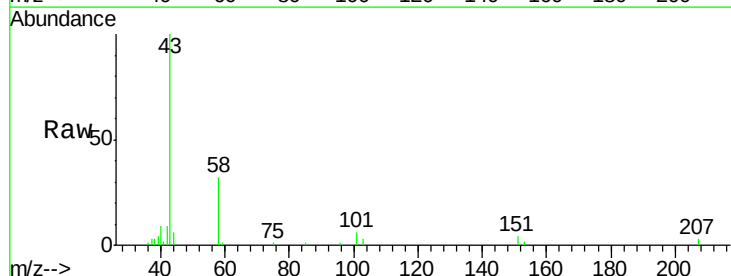
RT: 4.16 min Scan# 380

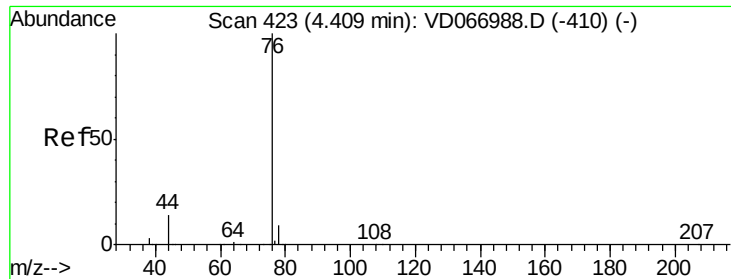
Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	43	Resp:	50700
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.9	38.9





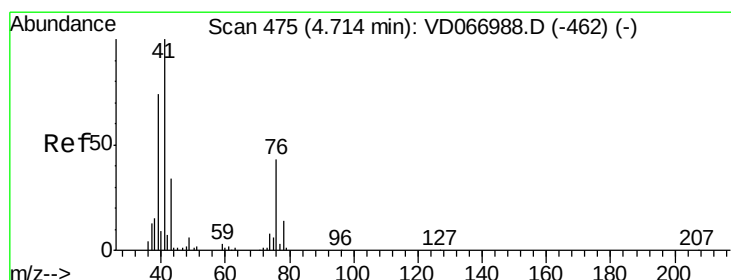
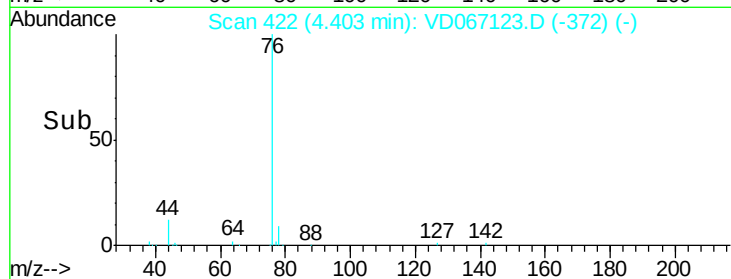
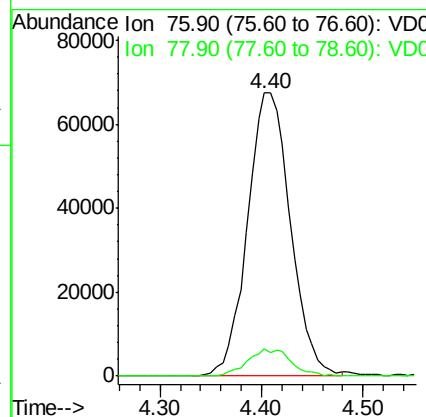
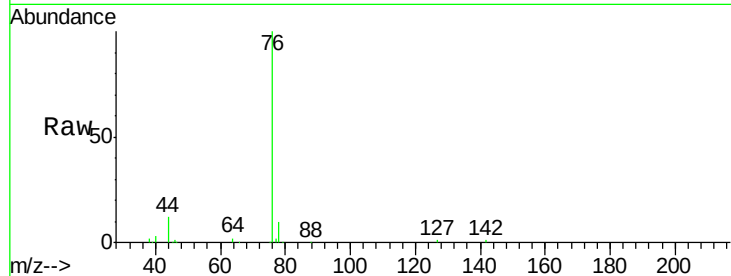
#17
Carbon Disulfide
Concen: 19.341 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
76	100	198359		
78	9.6		7.5	11.3

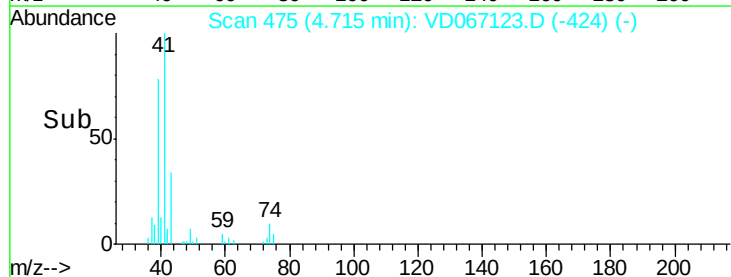
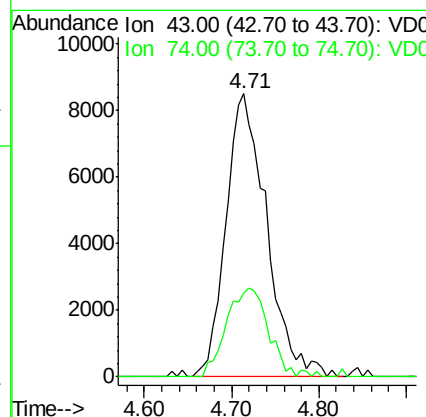
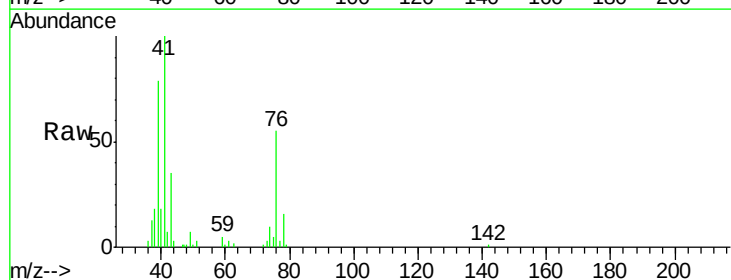
Manual Integrations
APPROVED

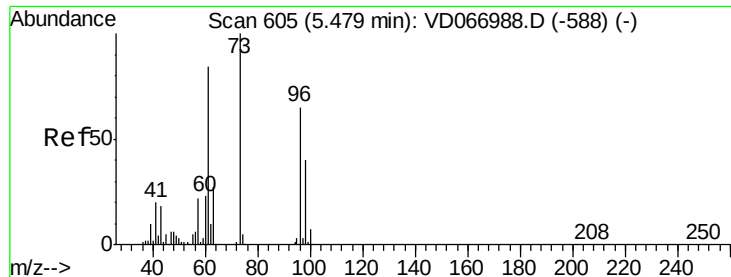
MMDadoda
10/7/2020 12:10:12 PM



#18
Methyl Acetate
Concen: 20.651 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	27053		
74	31.9		21.5	32.3





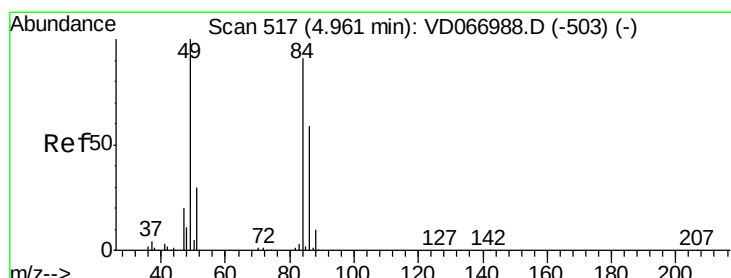
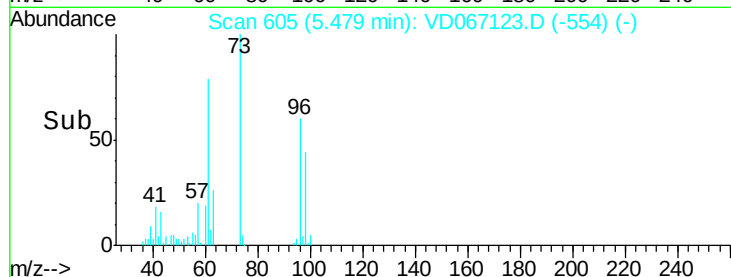
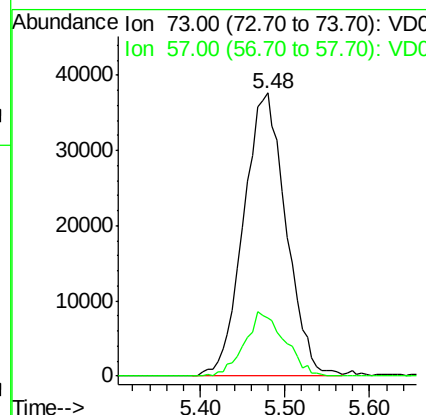
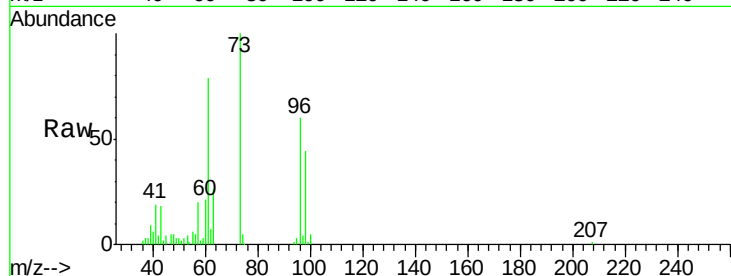
#19
Methyl tert-butyl Ether
Concen: 21.567 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 73 Resp: 131568
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0

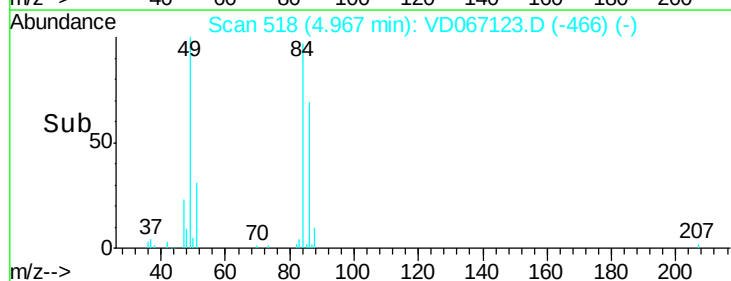
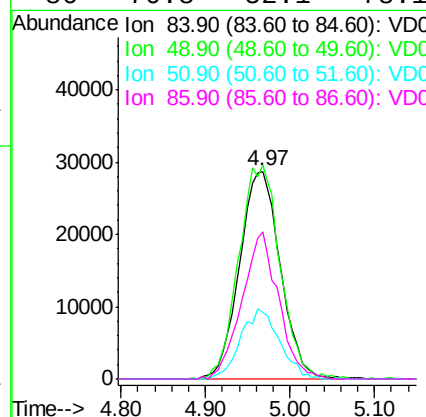
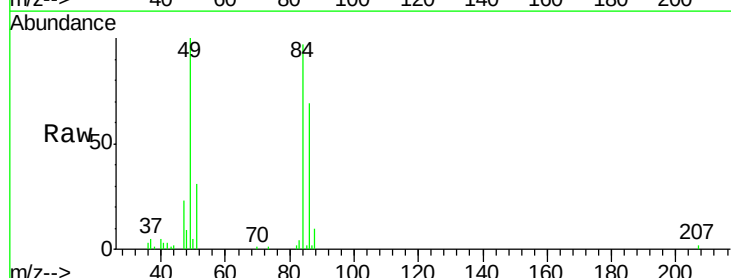
Manual Integrations
APPROVED

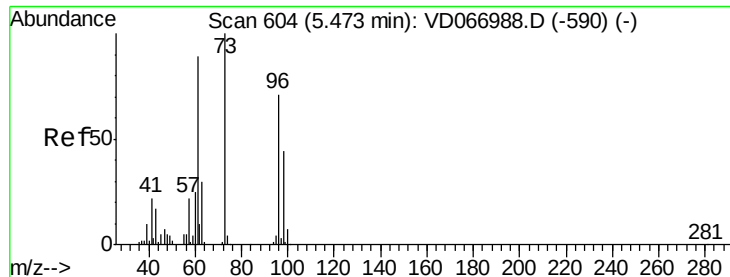
MMDadoda
10/7/2020 12:10:12 PM



#20
Methylene Chloride
Concen: 21.886 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 84 Resp: 96083
Ion Ratio Lower Upper
84 100
49 102.2 88.2 132.2
51 32.3 26.6 39.8
86 70.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.784 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 96 Resp: 79043

Ion Ratio Lower Upper

96 100

61 122.7 99.6 149.4

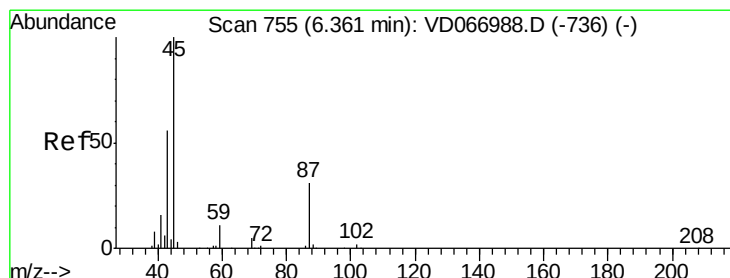
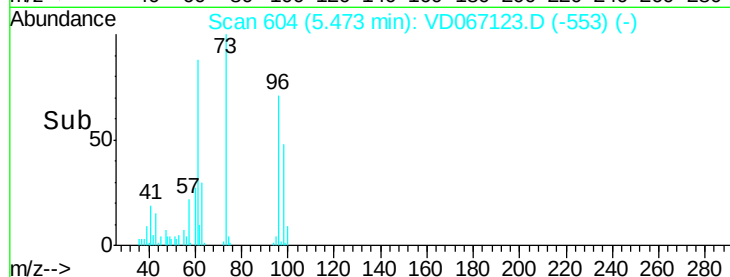
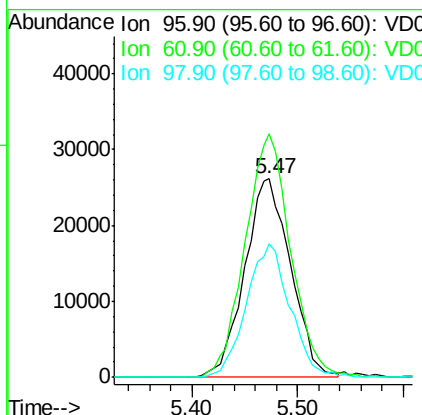
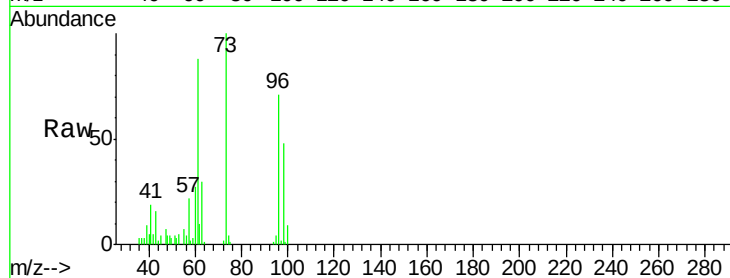
98 67.0 49.4 74.2

Manual Integrations

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MMDadoda

10/7/2020 12:10:12 PM



#22

Diisopropyl ether

Concen: 20.262 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion: 45 Resp: 160590

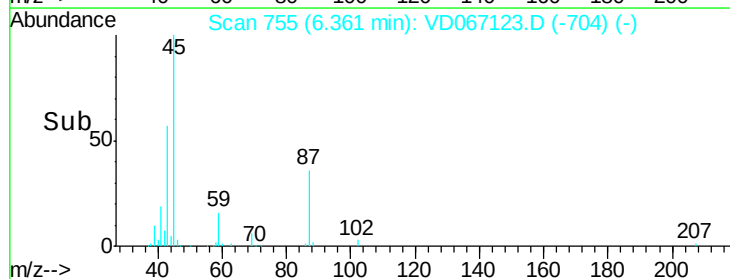
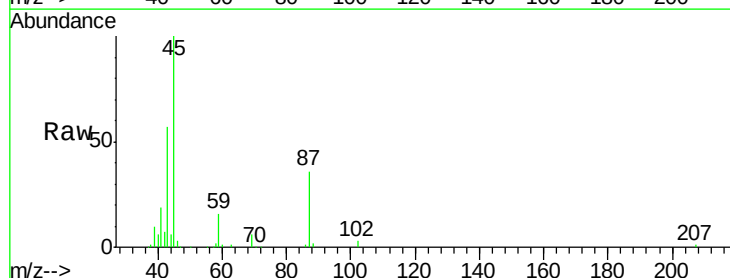
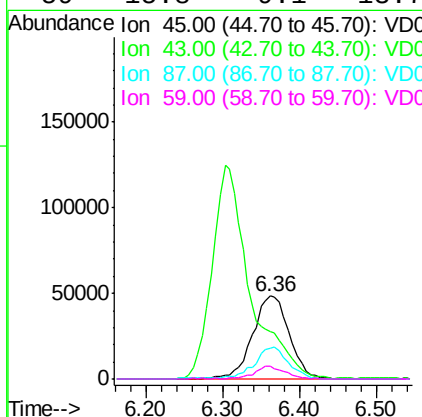
Ion Ratio Lower Upper

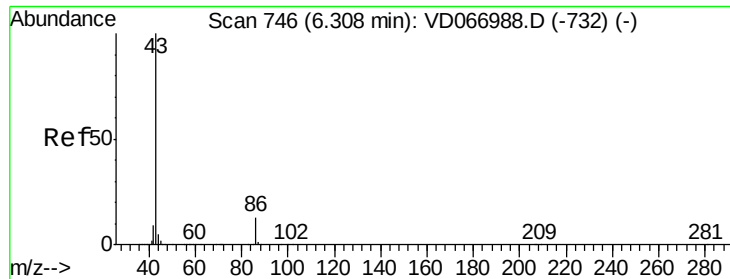
45 100

43 56.1 45.2 67.8

87 36.2 25.6 38.4

59 15.8 9.1 13.7#





#23

Vinyl Acetate

Concen: 94.692 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 43 Resp: 425277

Ion Ratio Lower Upper

43 100

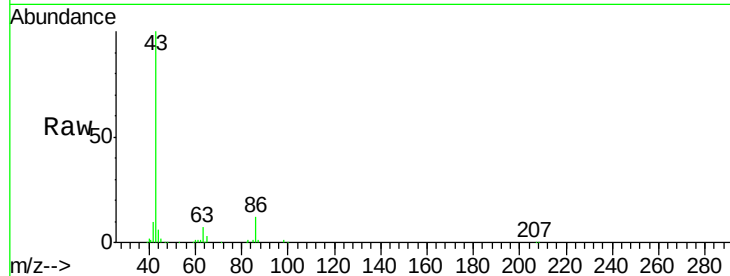
86 11.8 10.2 15.2

Manual Integrations

APPROVED

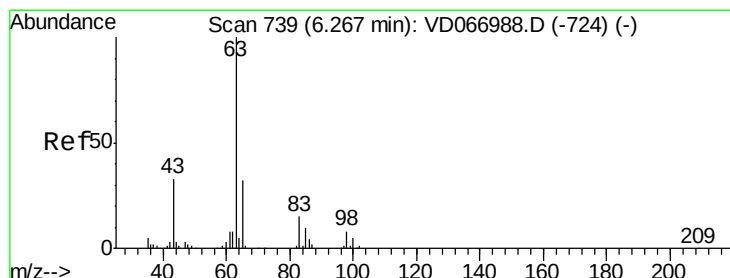
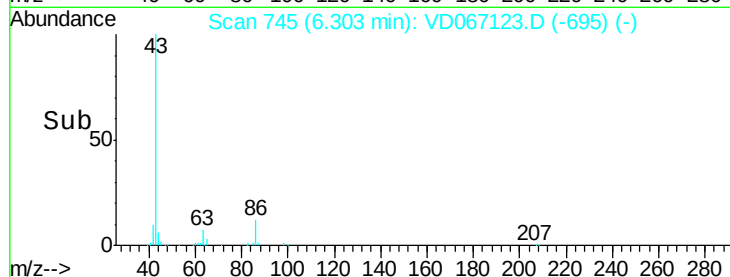
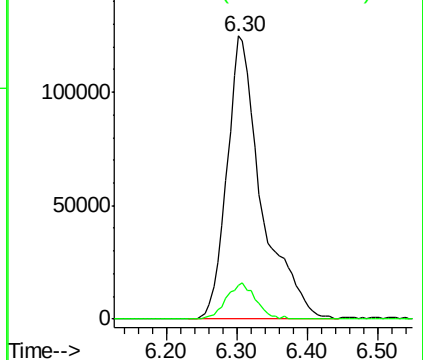
MMDadoda

10/7/2020 12:10:12 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: 20.589 ug/l m

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

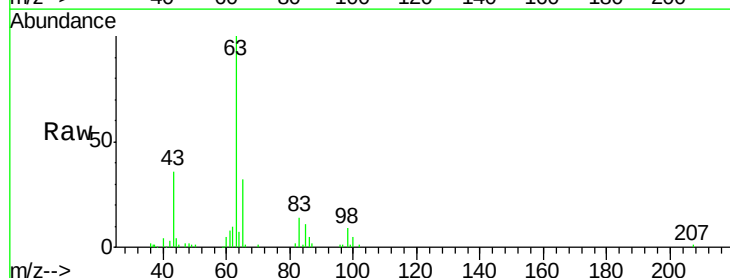
Tgt Ion: 63 Resp: 125934

Ion Ratio Lower Upper

63 100

98 9.3 4.2 12.6

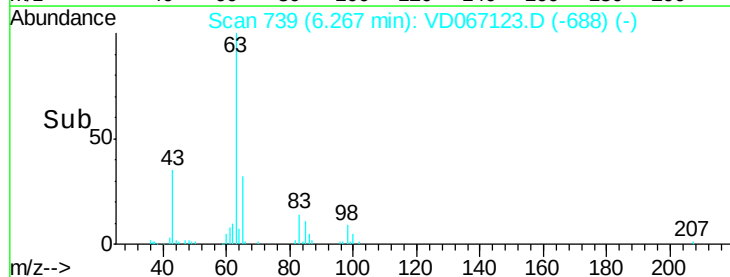
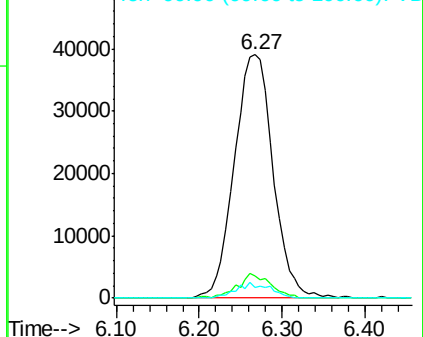
100 4.5 2.6 7.8

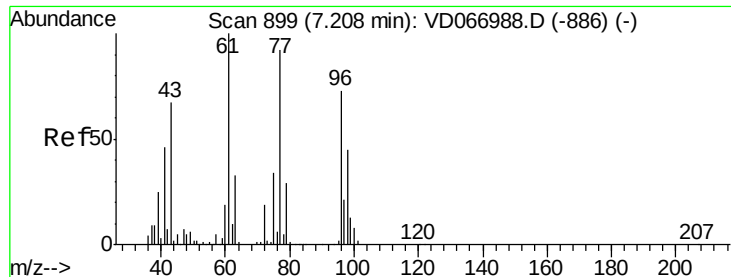


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





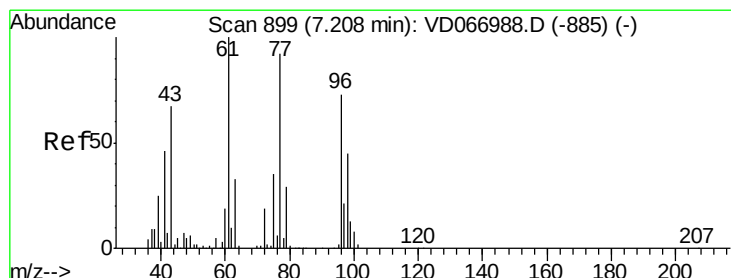
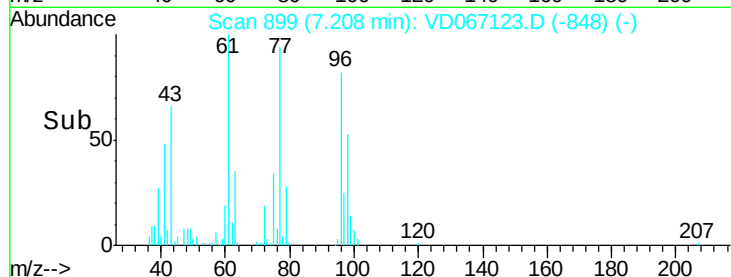
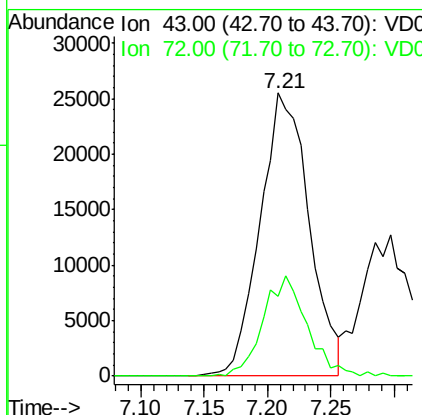
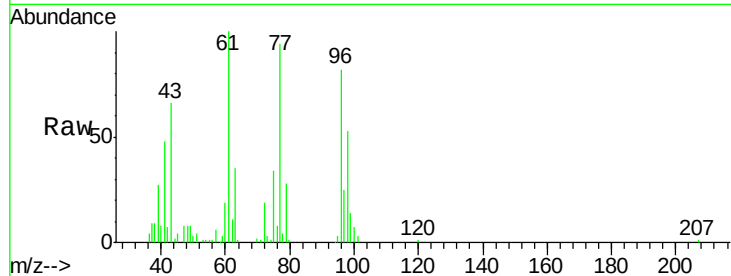
#25
2-Butanone
Concen: 93.156 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 43 Resp: 68841
Ion Ratio Lower Upper
43 100
72 28.4 22.8 34.2

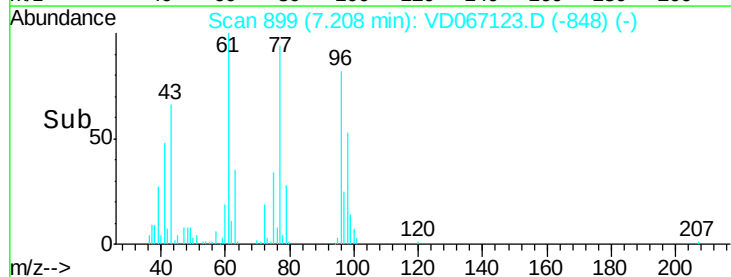
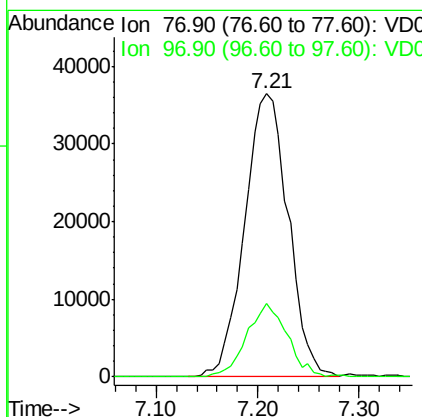
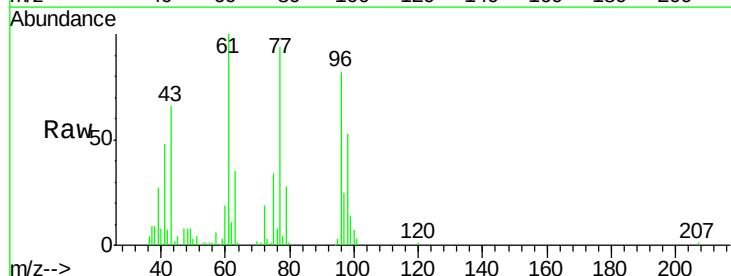
Manual Integrations
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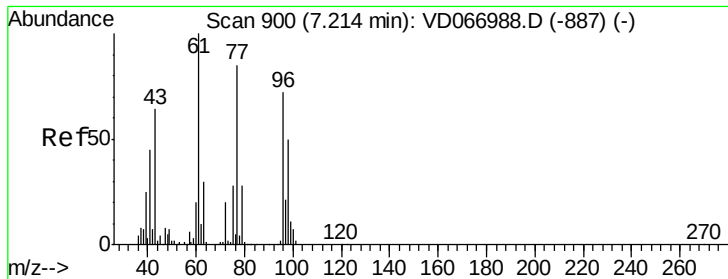
MMDadoda
10/7/2020 12:10:12 PM



#26
2,2-Dichloropropane
Concen: 18.180 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 77 Resp: 108816
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.077 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

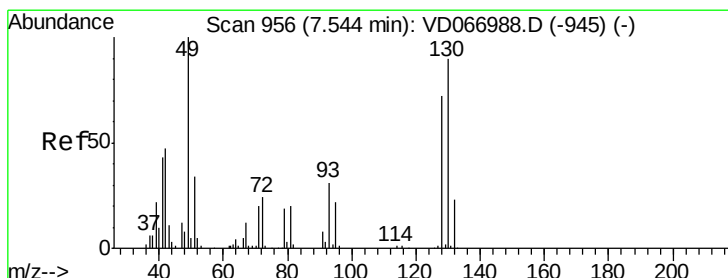
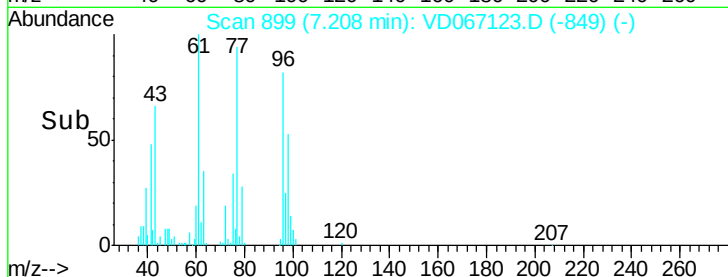
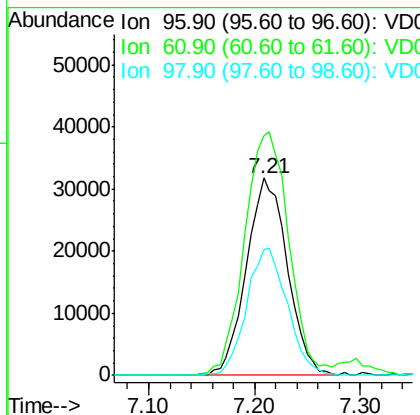
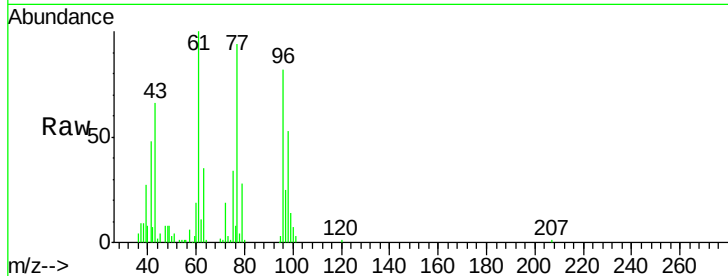
ClientSampleId :

VD1006SBS02

Tot Ion:	96	Resp:	85609
Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	269.2
98	63.8	0.0	129.4

Manual Integrations
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MMDadoda
10/7/2020 12:10:12 PM



#28

Bromochloromethane

Concen: 18.210 ug/l

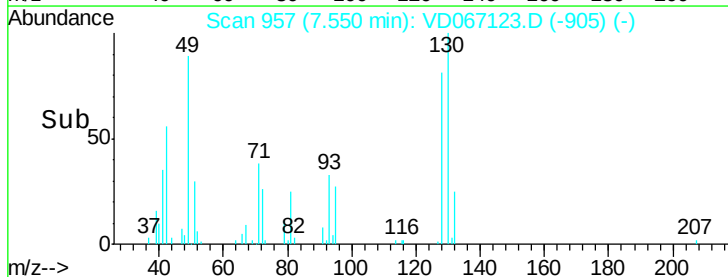
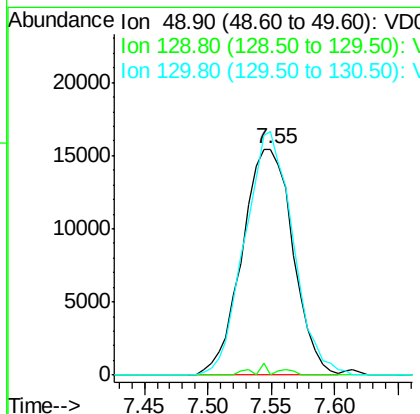
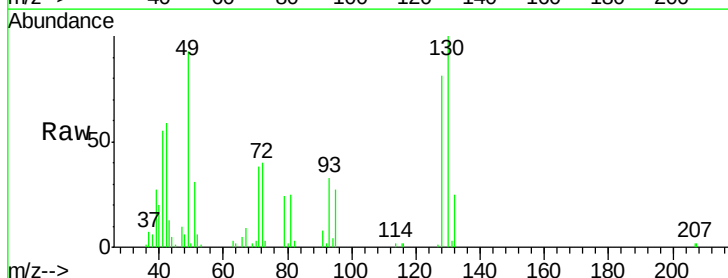
RT: 7.55 min Scan# 957

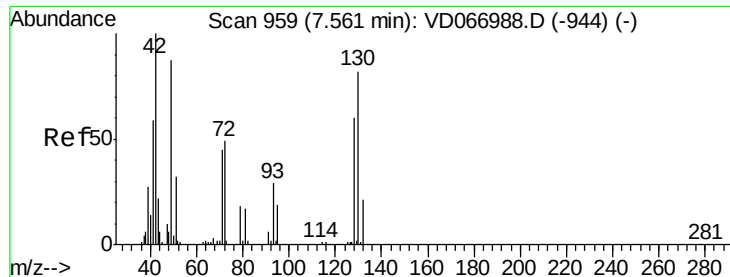
Delta R.T. 0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	49	Resp:	43015
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	102.3	74.1	111.1





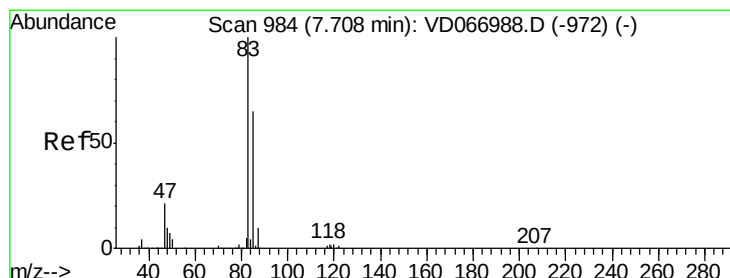
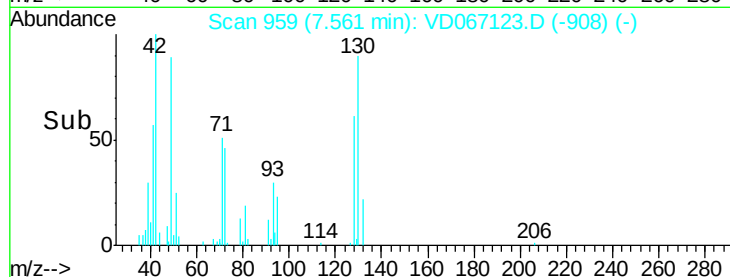
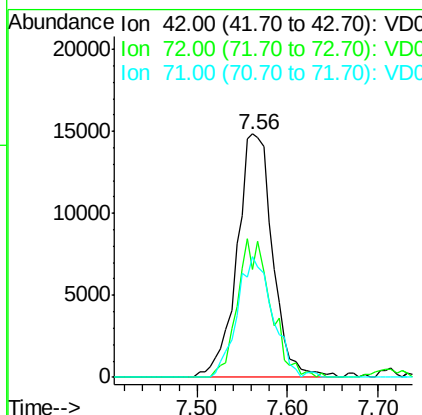
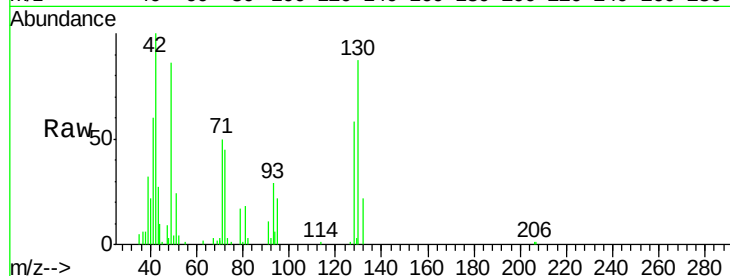
#29
Tetrahydrofuran
Concen: 95.229 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	39.1	58.7
71	48.8	34.2	51.4

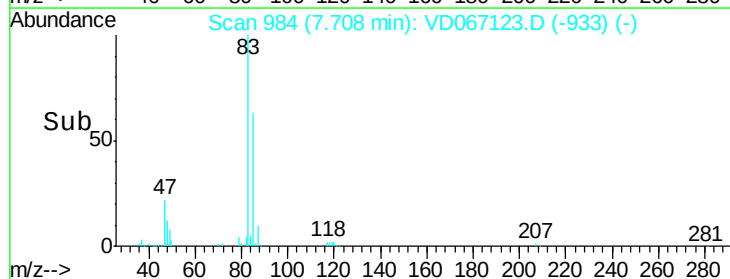
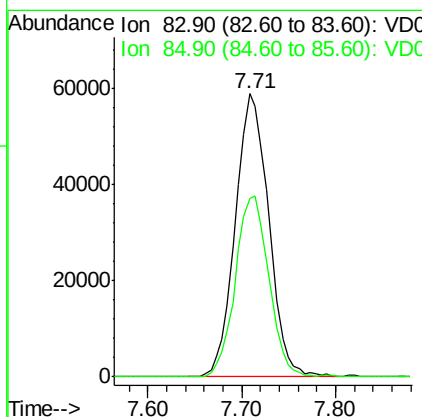
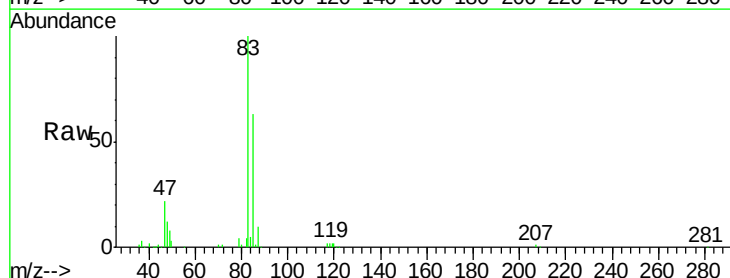
Manual Integrations
APPROVED

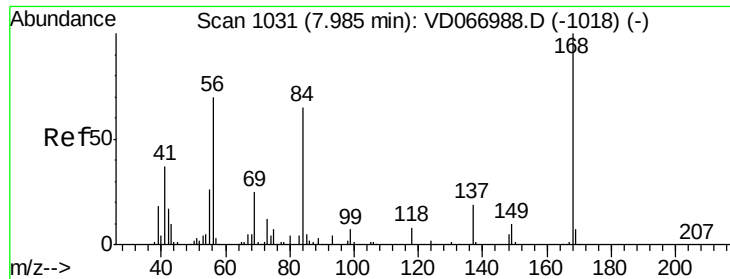
MMDadoda
10/7/2020 12:10:12 PM



#30
Chloroform
Concen: 21.937 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.3	78.5





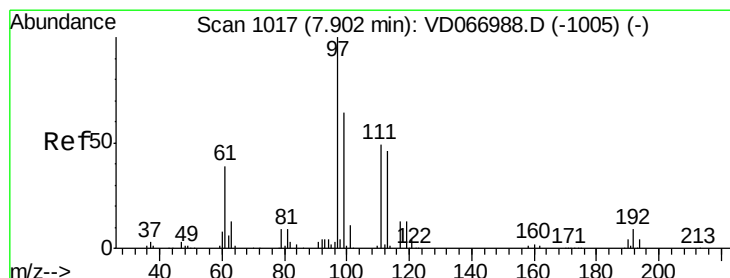
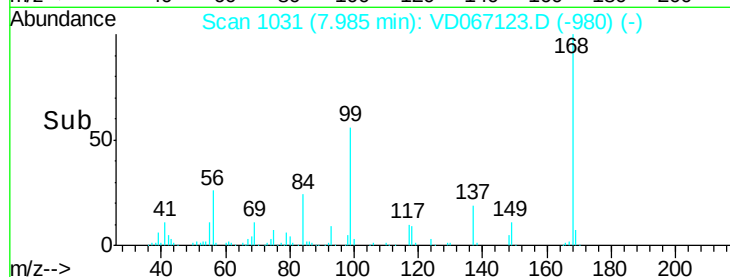
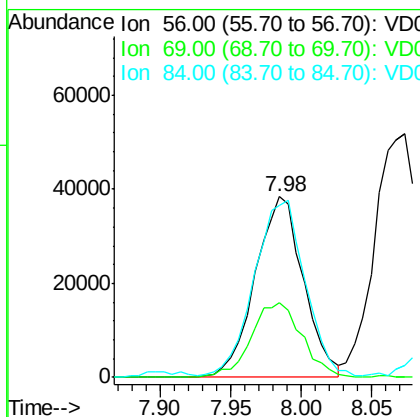
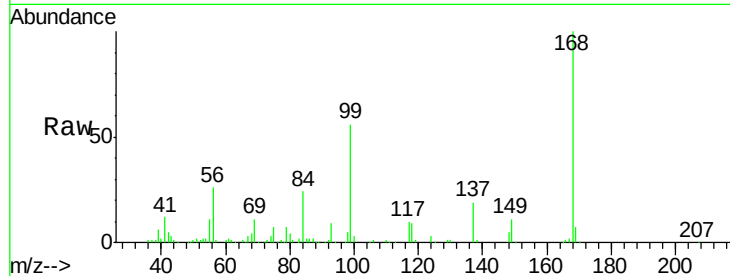
#31
Cyclohexane
Concen: 17.962 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.3	29.0	43.6
84	93.4	74.2	111.2

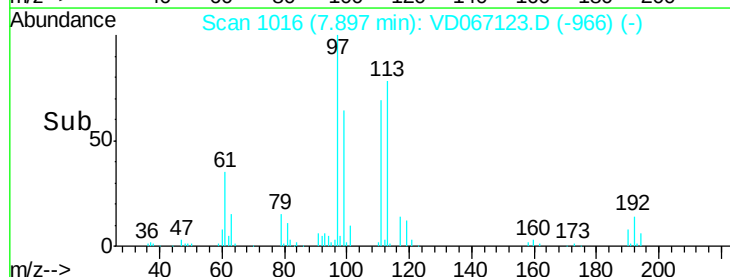
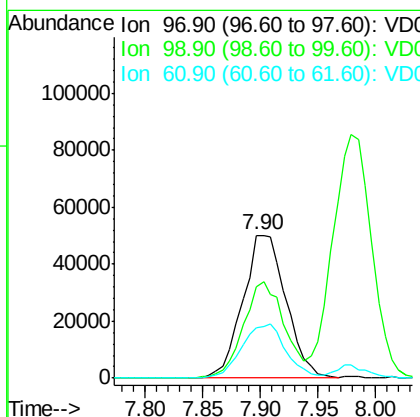
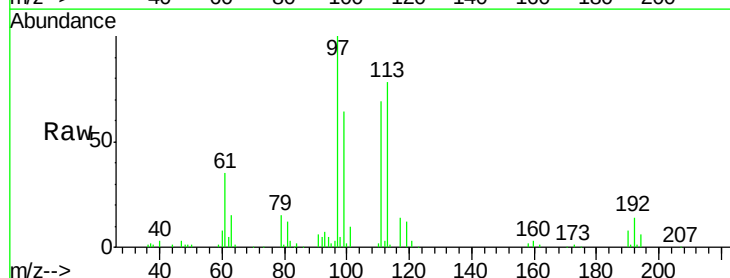
Manual Integrations
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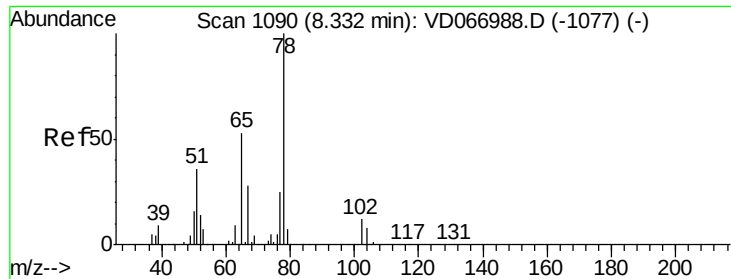
MMDadoda
10/7/2020 12:10:12 PM



#32
1,1,1-Trichloroethane
Concen: 21.297 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.6	78.8
61	38.9	32.8	49.2





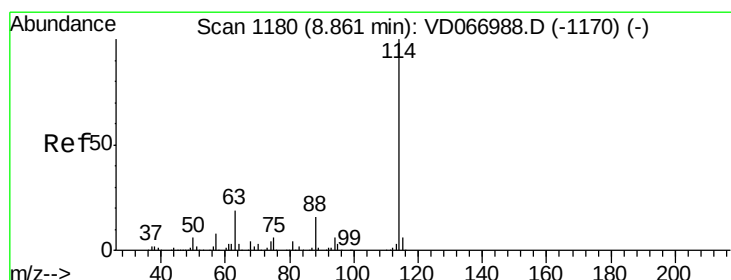
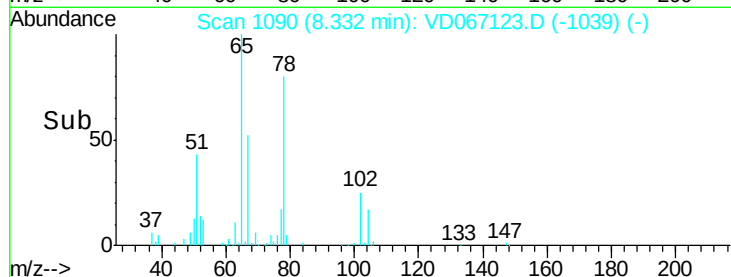
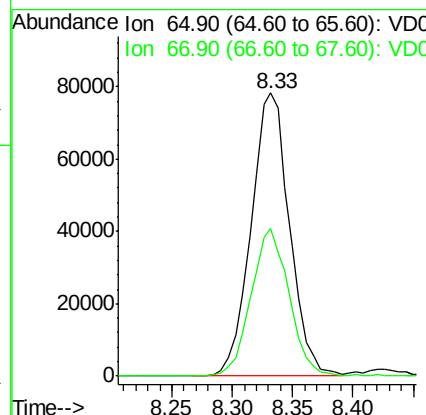
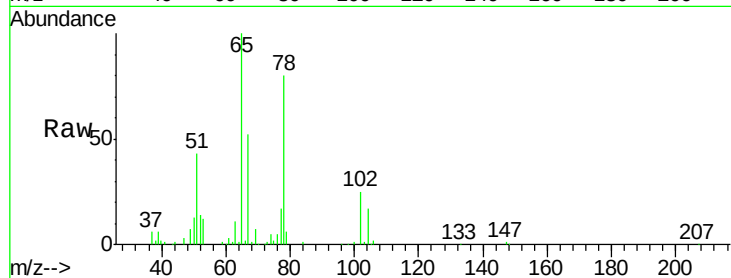
#33
 1,2-Dichloroethane-d4
 Concen: 50.984 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174088		
67	51.3	0.0	106.8	

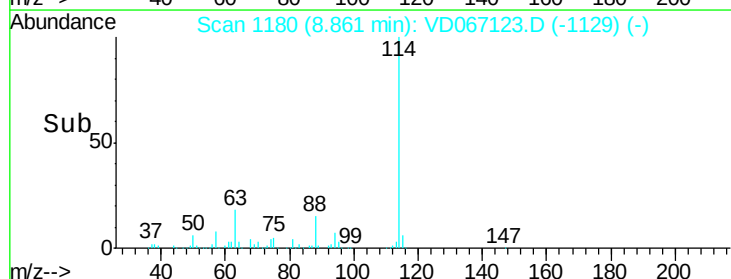
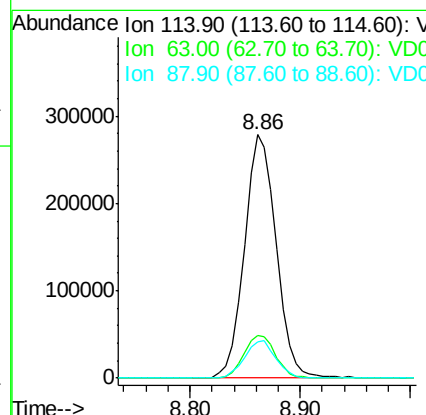
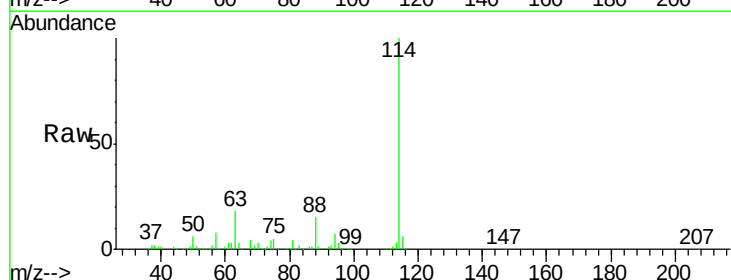
Manual Integrations
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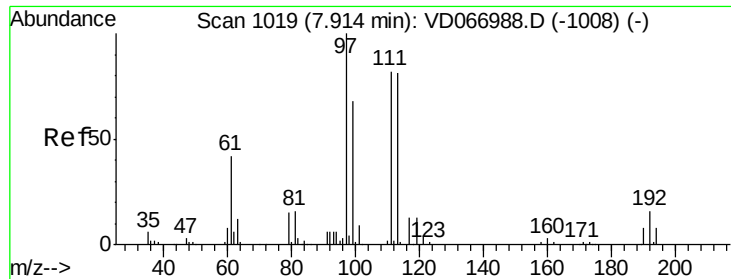
MMDadoda
 10/7/2020 12:10:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	560840		
63	17.7	0.0	38.4	
88	14.9	0.0	31.2	





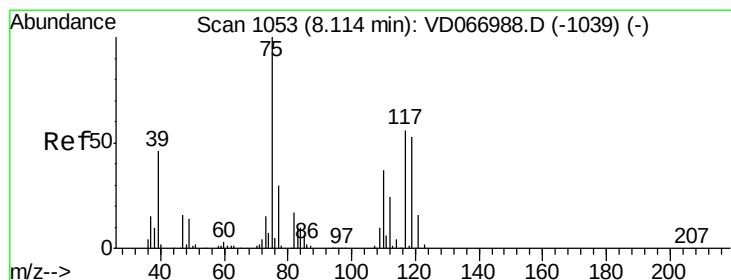
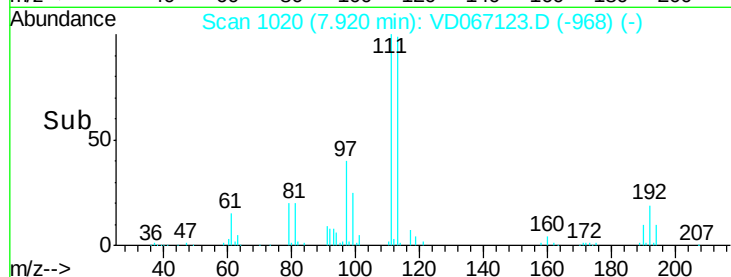
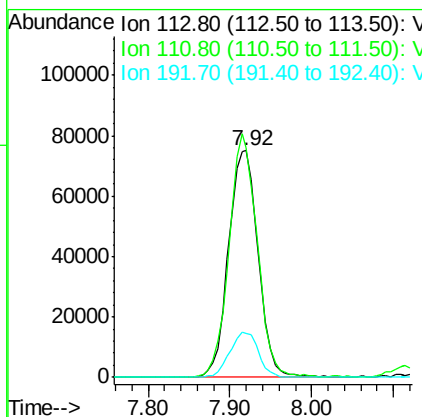
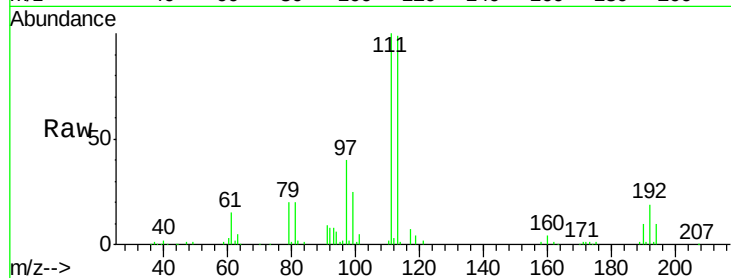
#35
 Dibromofluoromethane
 Concen: 51.501 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189096		
111	101.9	83.0	124.4	
192	19.3	15.5	23.3	

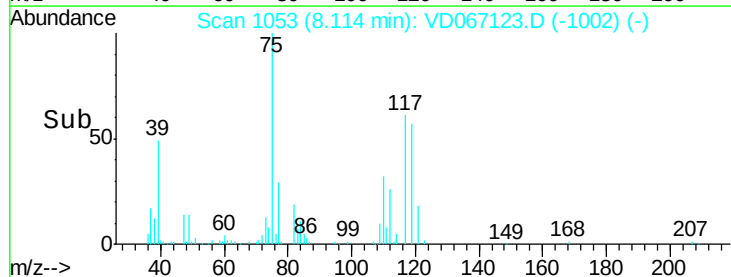
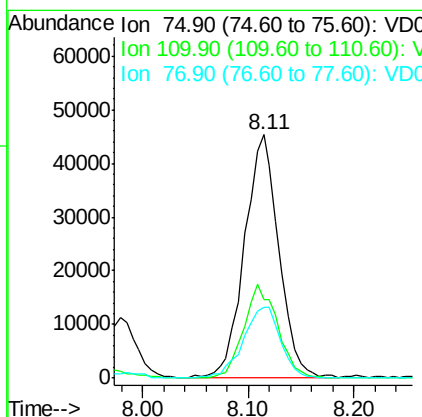
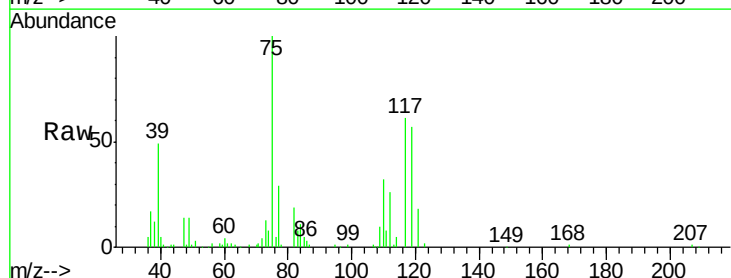
Manual Integrations
 APPROVED

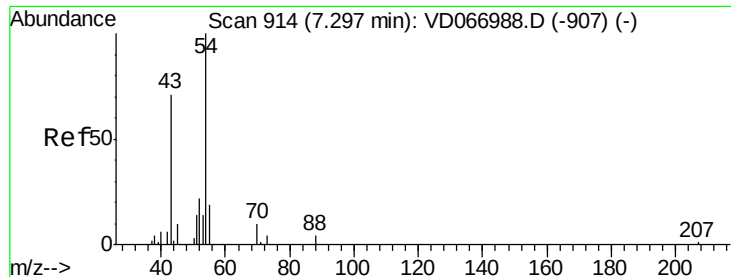
MMDadoda
 10/7/2020 12:10:12 PM



#36
 1,1-Dichloropropene
 Concen: 19.682 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102890		
110	38.0	18.4	55.0	
77	31.6	24.8	37.2	





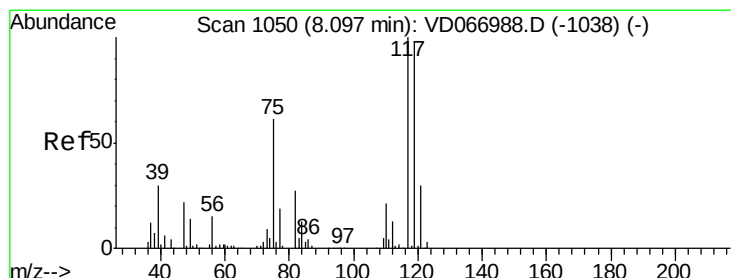
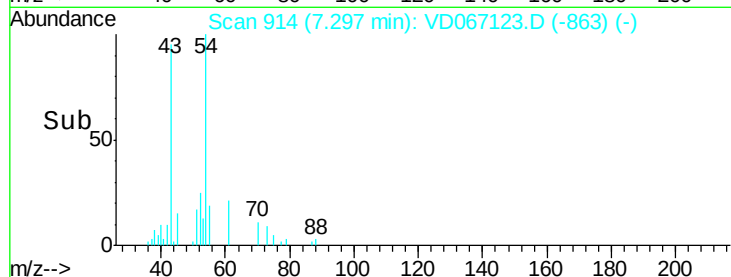
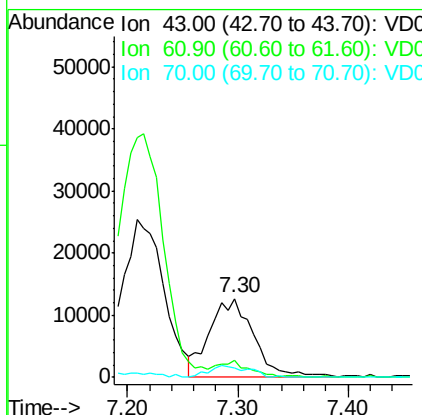
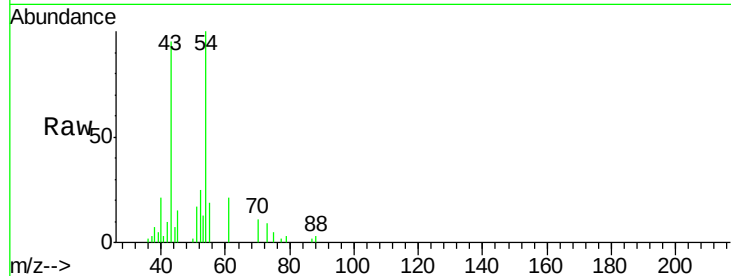
#37
Ethyl Acetate
Concen: 19.466 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.5	18.7
70	13.1	9.4	14.0

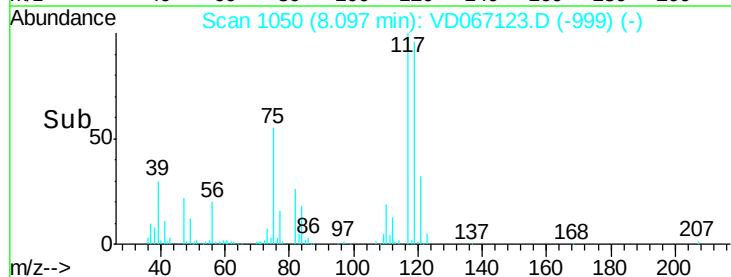
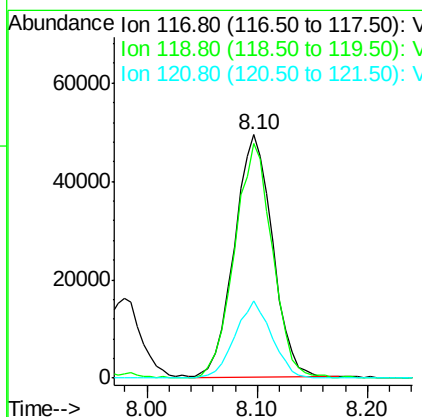
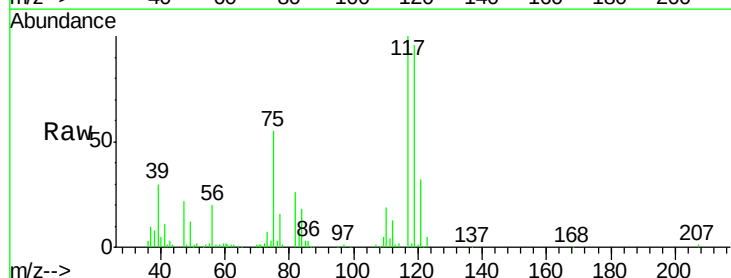
Manual Integrations
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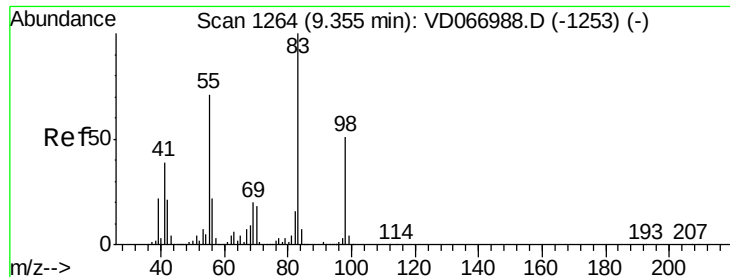
MMDadoda
10/7/2020 12:10:12 PM



#38
Carbon Tetrachloride
Concen: 21.238 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.7	118.1
121	31.7	24.2	36.2





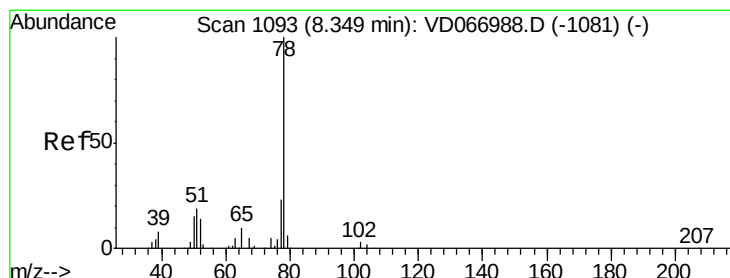
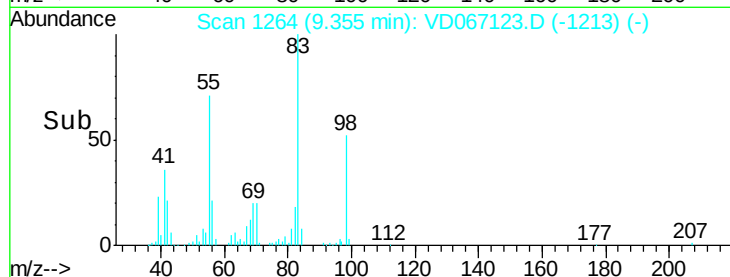
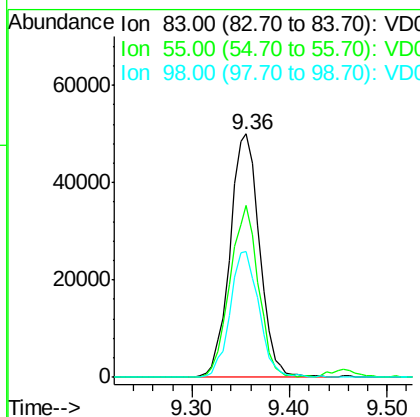
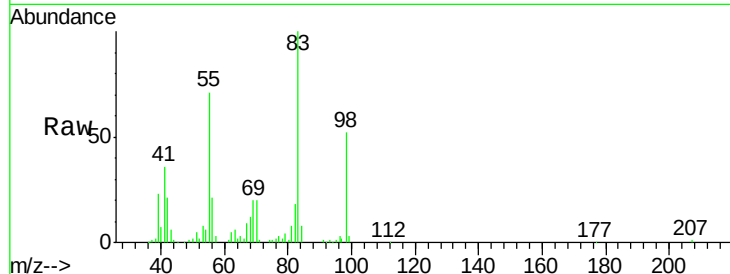
#39
Methylvlcyclohexane
Concen: 19.025 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	57.1	85.7
98	51.9	40.9	61.3

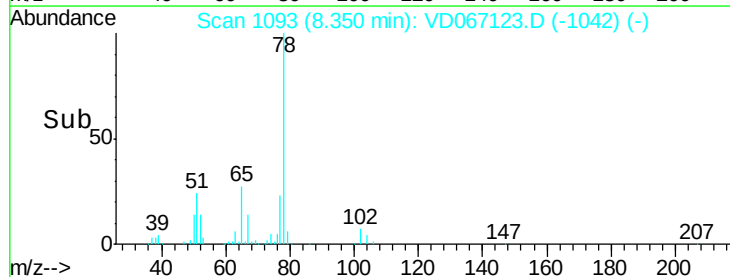
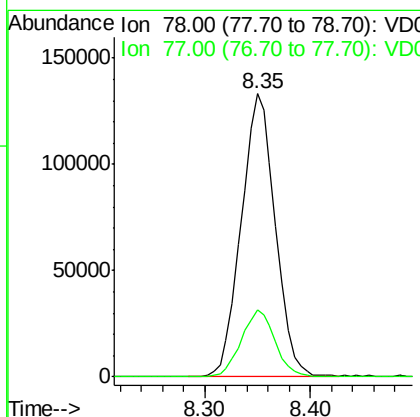
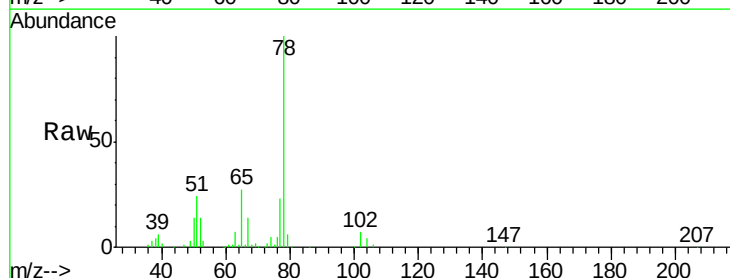
Manual Integrations
APPROVED

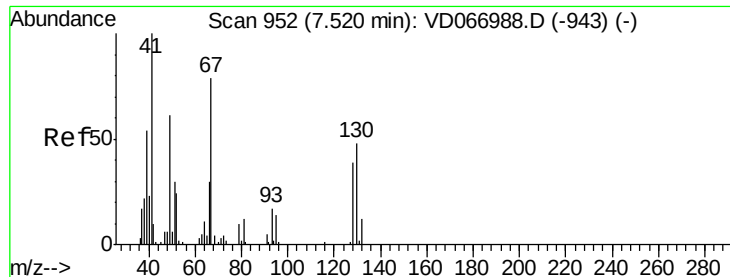
MMDadoda
10/7/2020 12:10:12 PM



#40
Benzene
Concen: 20.558 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.4	27.6





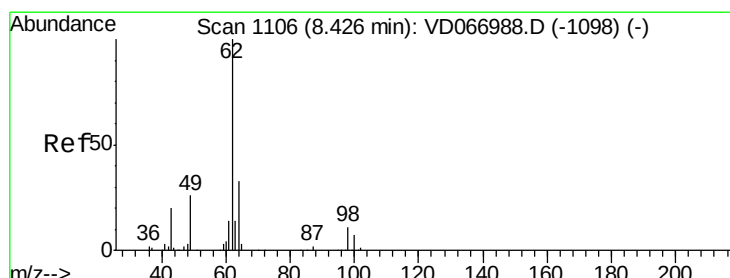
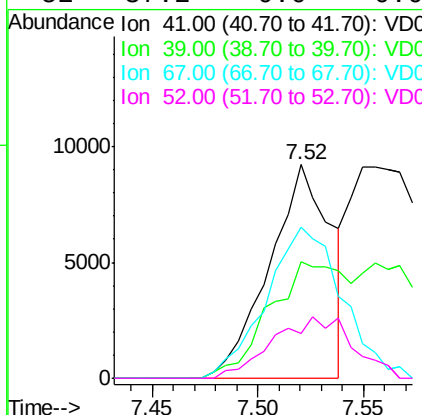
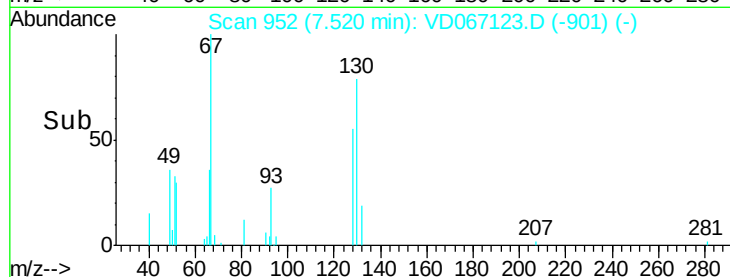
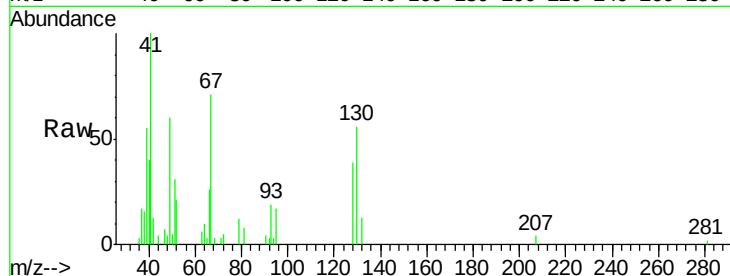
#41
Methacrylonitrile
Concen: 19.066 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.4	0.0	0.0#
67	87.8	0.0	0.0#
52	37.2	0.0	0.0#

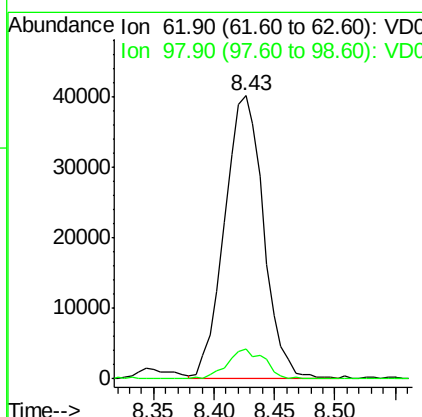
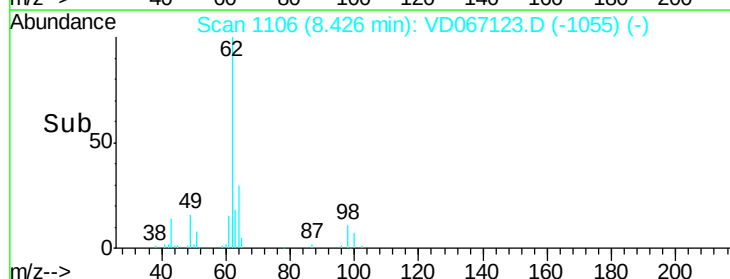
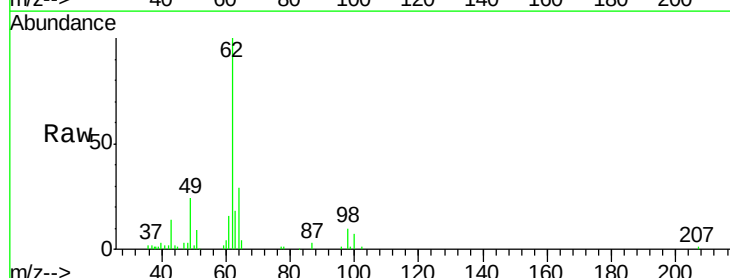
Manual Integrations
APPROVED

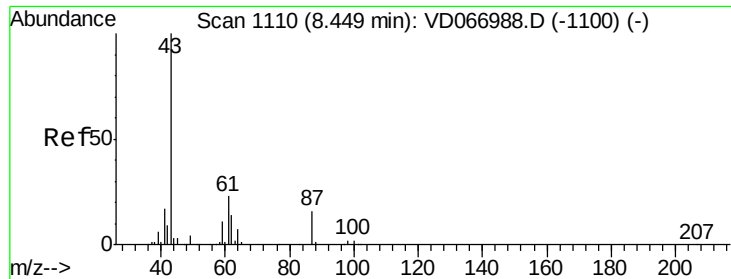
MMDadoda
10/7/2020 12:10:12 PM



#42
1,2-Dichloroethane
Concen: 22.271 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.6





#43

Isopropyl Acetate

Concen: 19.377 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

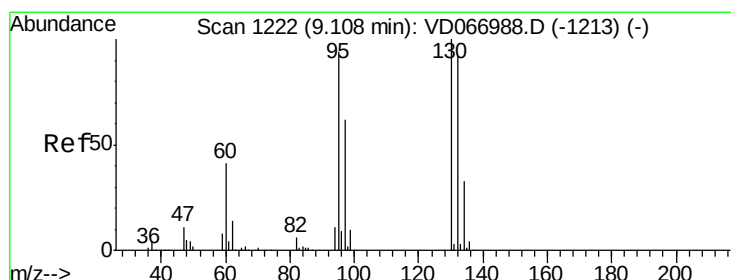
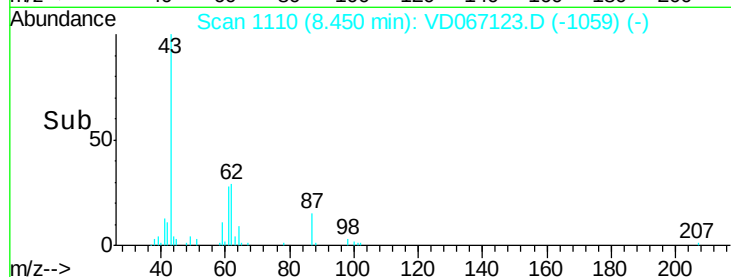
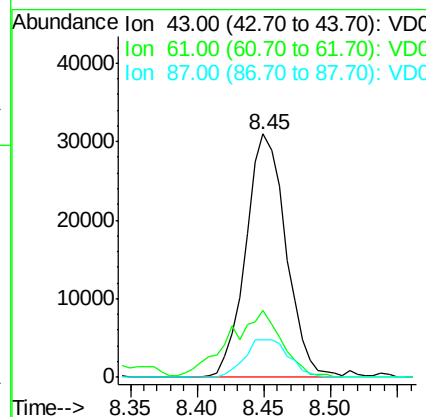
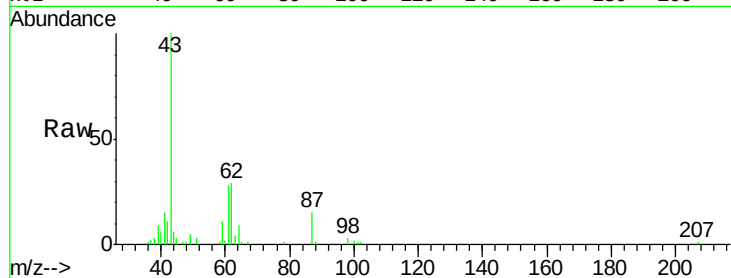
ClientSampleId :

VD1006SBS02

Tot Ion:	43	Resp:	64646
Ion	Ratio	Lower	Upper
43	100		
61	36.5	27.1	40.7
87	17.0	12.3	18.5

Manual Integrations
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#44

Trichloroethene

Concen: 21.363 ug/l

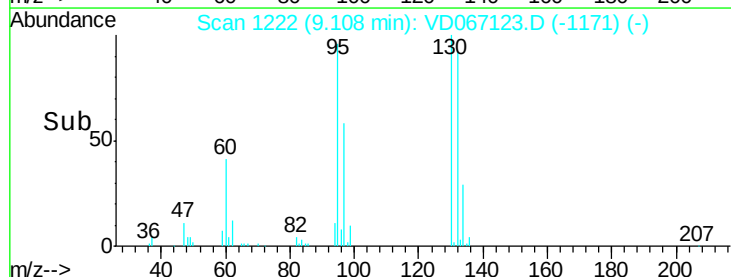
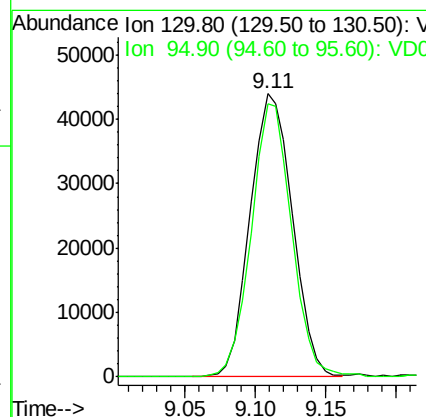
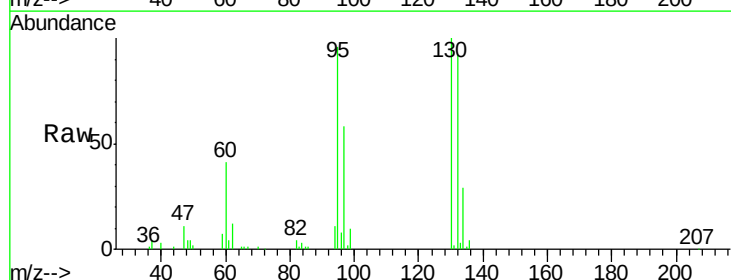
RT: 9.11 min Scan# 1222

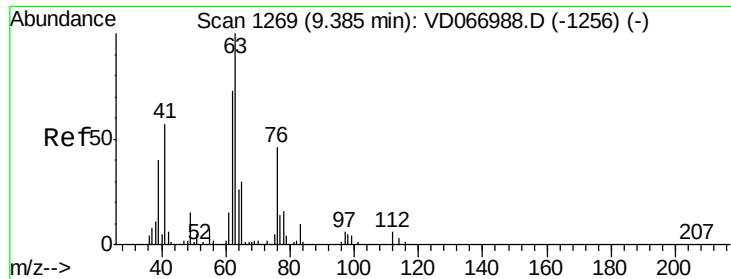
Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	130	Resp:	92628
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	187.8





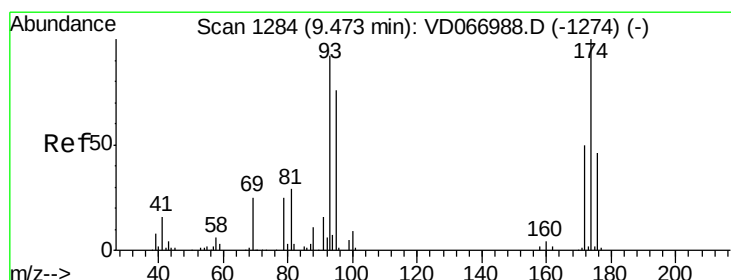
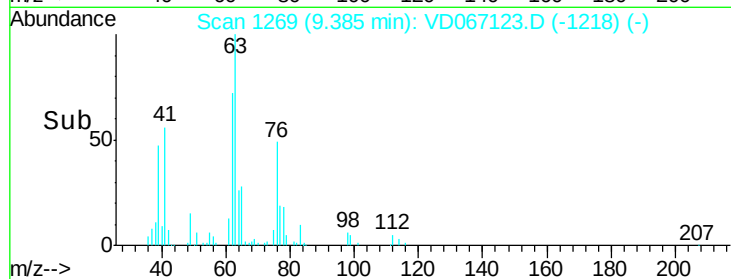
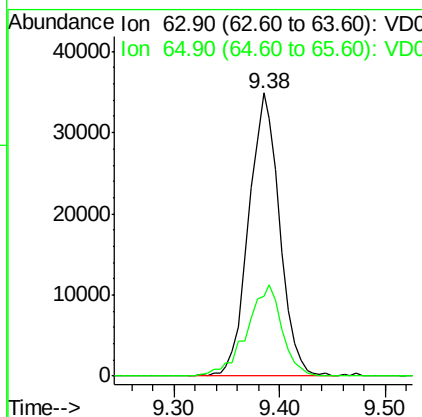
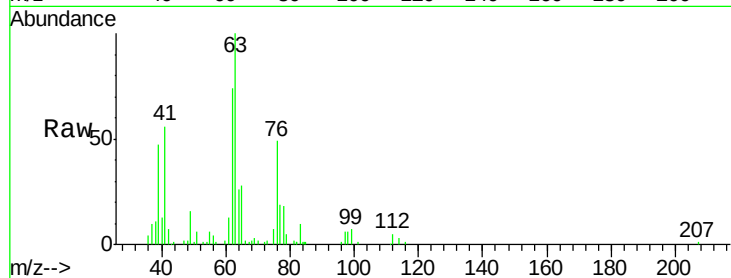
#45
 1,2-Dichloropropane
 Concen: 20.784 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 63 Resp: 70908
 Ion Ratio Lower Upper
 63 100
 65 28.0 23.7 35.5

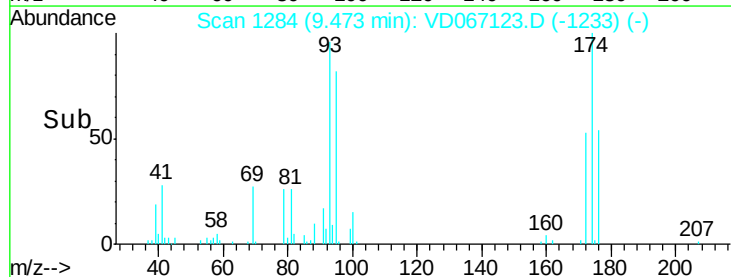
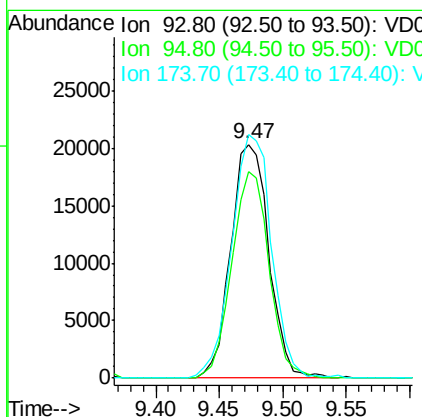
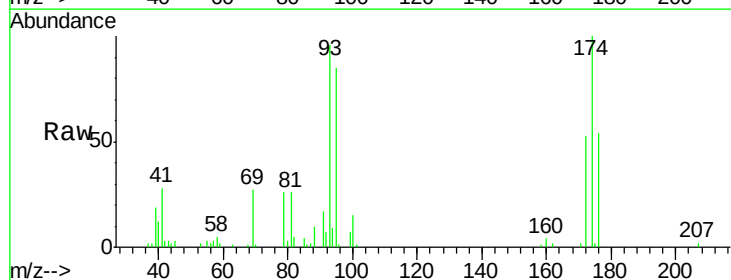
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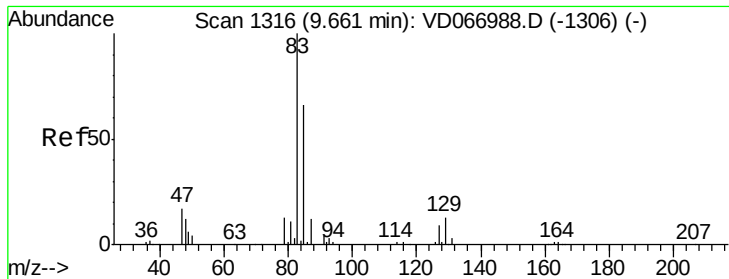
MMDadoda
 10/7/2020 12:10:12 PM



#46
 Dibromomethane
 Concen: 21.541 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 93 Resp: 42239
 Ion Ratio Lower Upper
 93 100
 95 86.5 64.7 97.1
 174 109.6 81.4 122.2





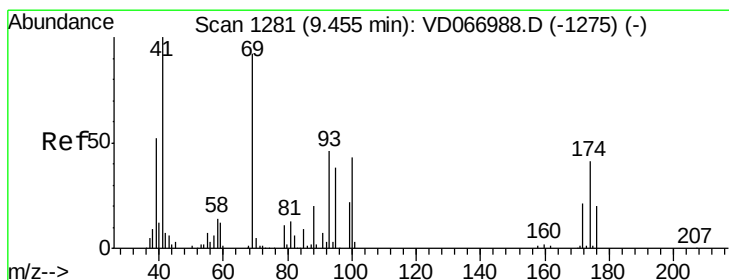
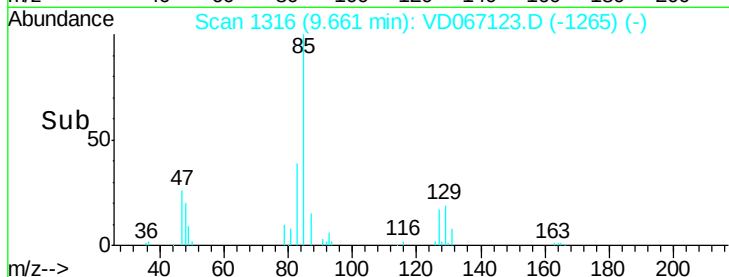
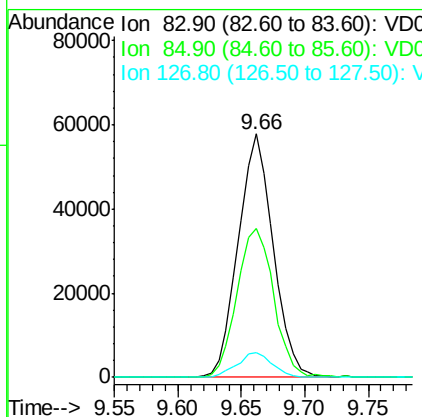
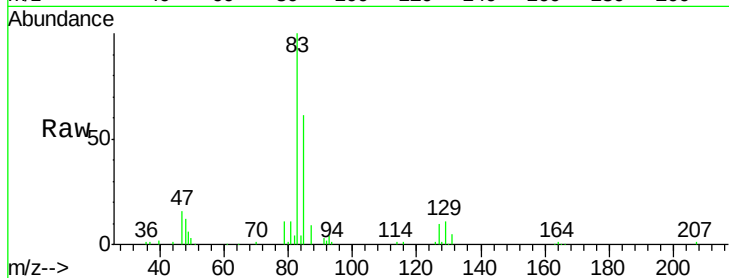
#47
Bromodichloromethane
Concen: 21.802 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	61.4	52.9	79.3	
127	10.1	7.3	10.9	

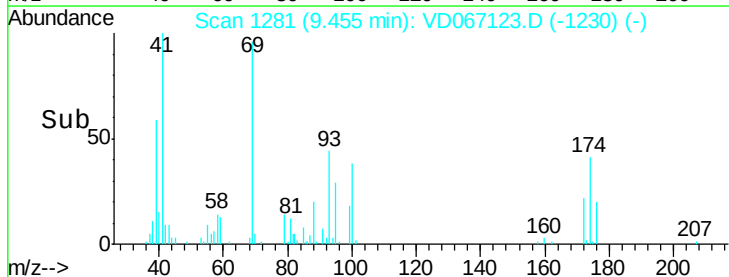
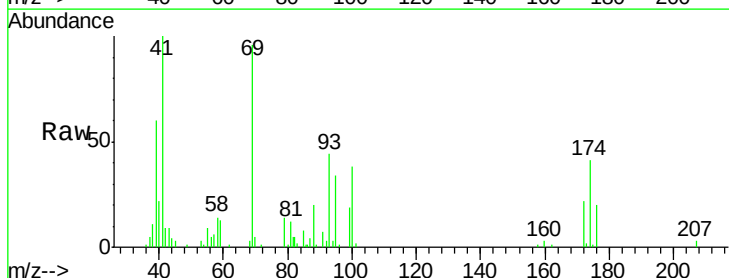
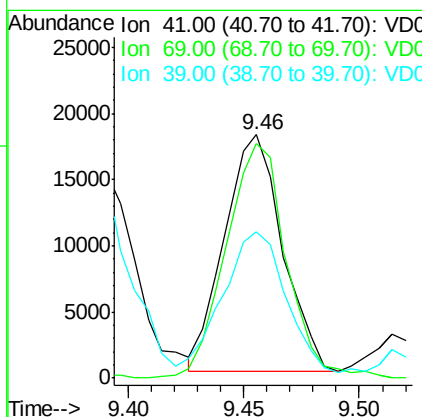
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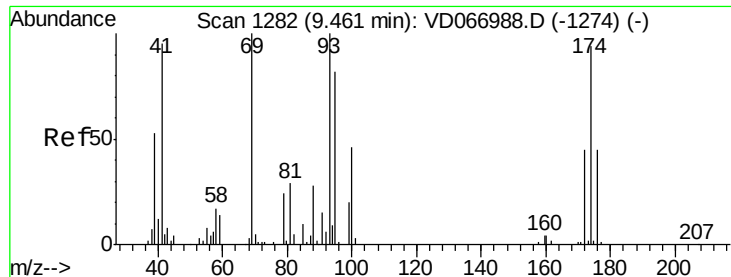
MMDadoda
10/7/2020 12:10:12 PM



#48
Methyl methacrylate
Concen: 18.348 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	103.7	68.5	102.7#	
39	69.9	40.2	60.2#	





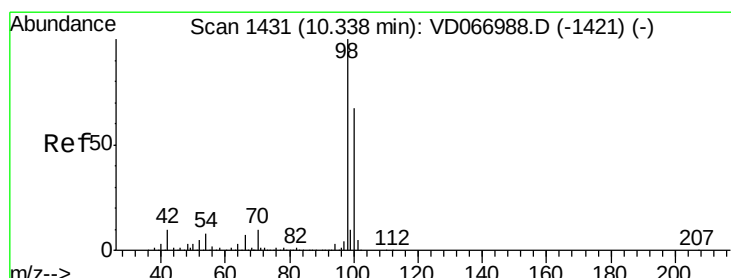
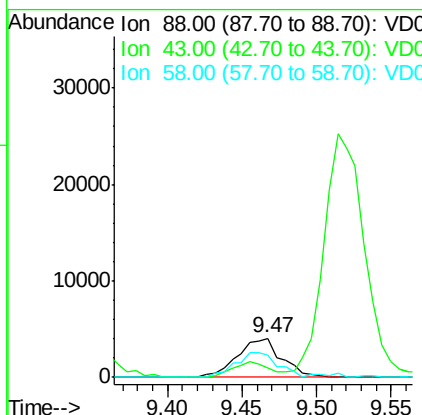
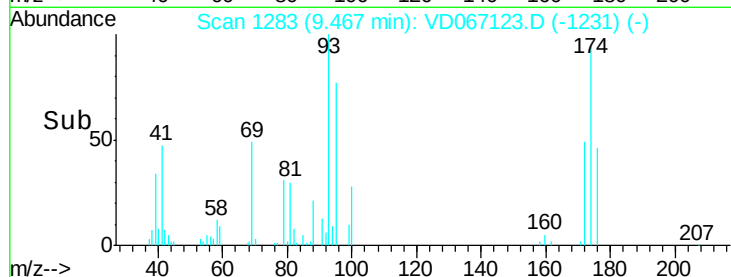
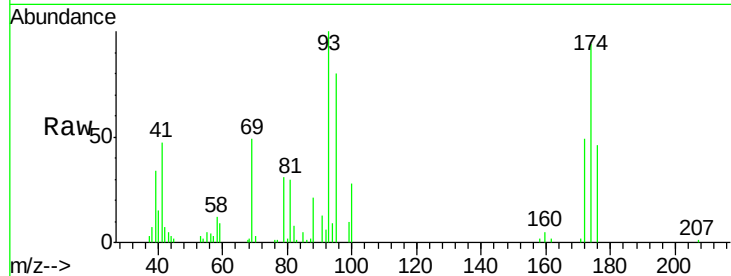
#49
1,4-Dioxane
Concen: 407.279 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.6	38.4
58	61.1	53.5	80.3

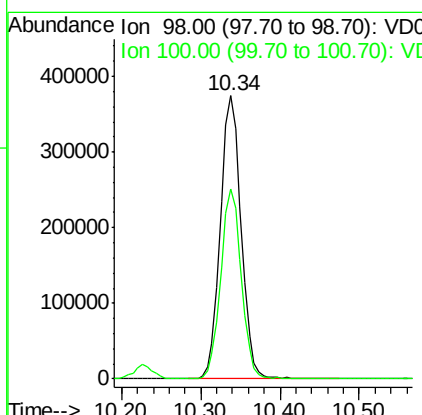
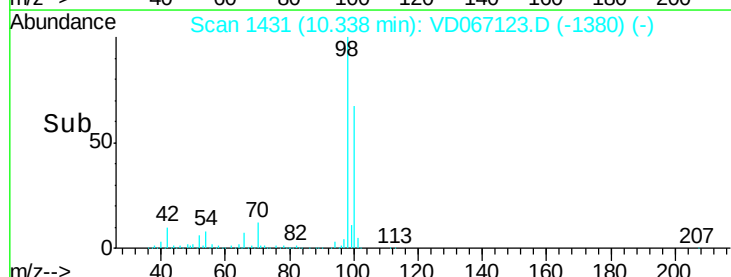
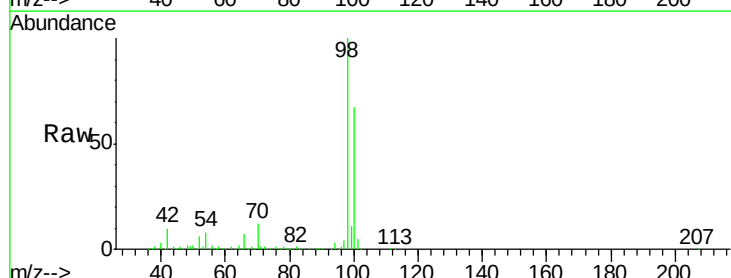
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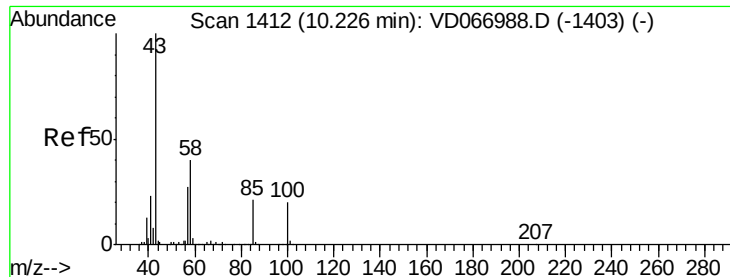
MMDadoda
10/7/2020 12:10:12 PM



#50
Toluene-d8
Concen: 50.704 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.8	79.2





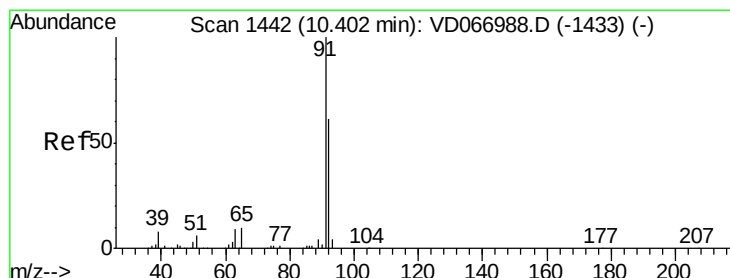
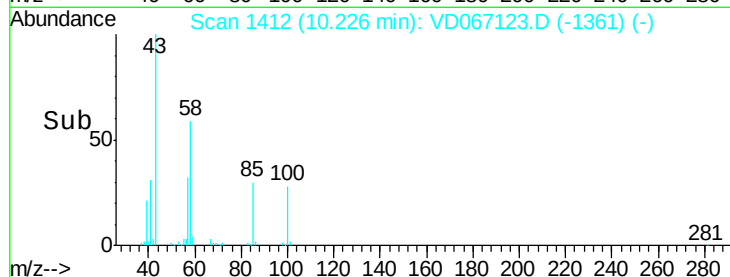
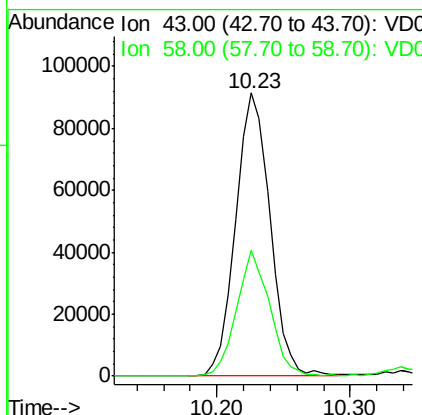
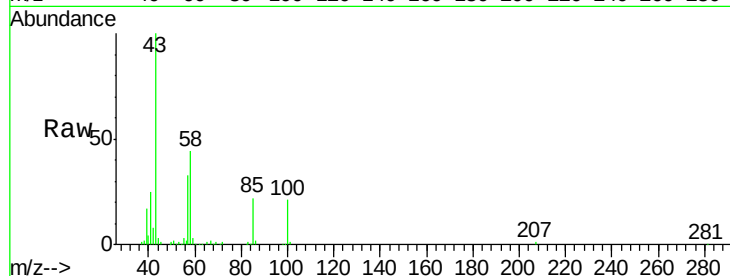
#51
4-Methyl-2-Pentanone
Concen: 98.659 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 43 Resp: 163949
Ion Ratio Lower Upper
43 100
58 42.8 33.8 50.8

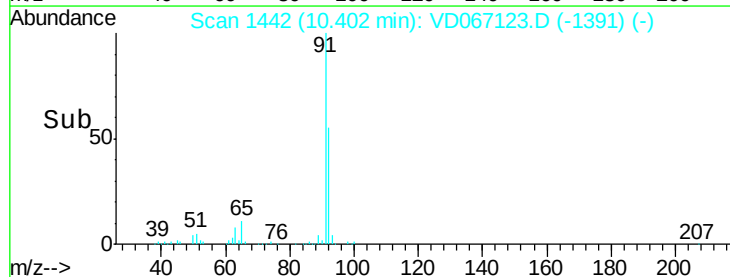
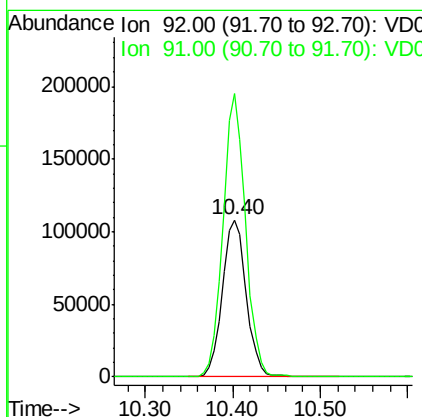
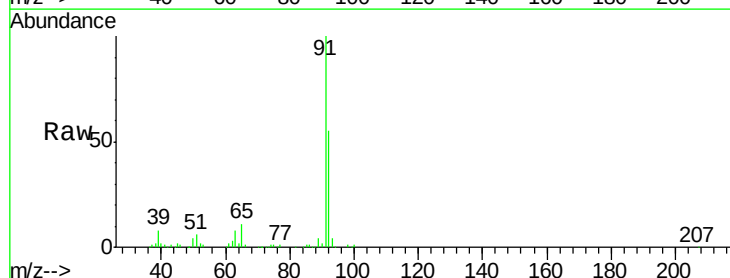
Manual Integrations
APPROVED

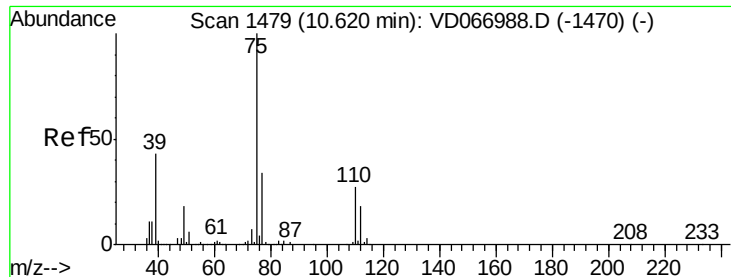
MMDadoda
10/7/2020 12:10:12 PM



#52
Toluene
Concen: 21.763 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 92 Resp: 203560
Ion Ratio Lower Upper
92 100
91 169.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 21.206 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 75 Resp: 96604

Ion Ratio Lower Upper

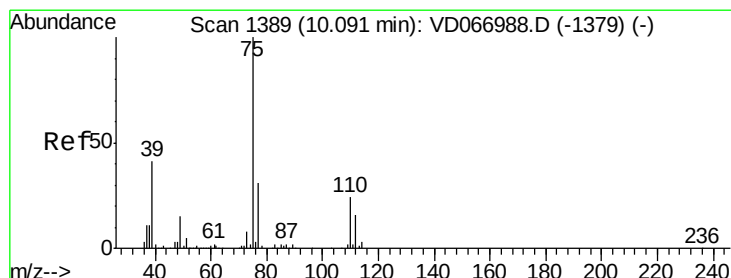
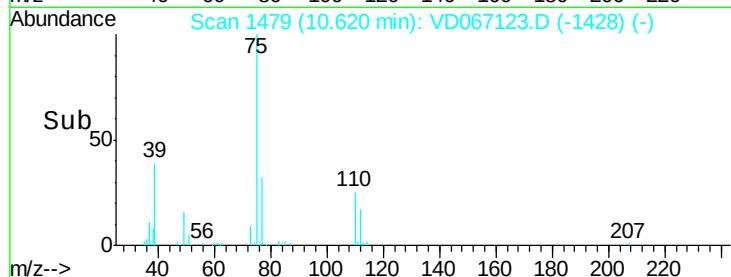
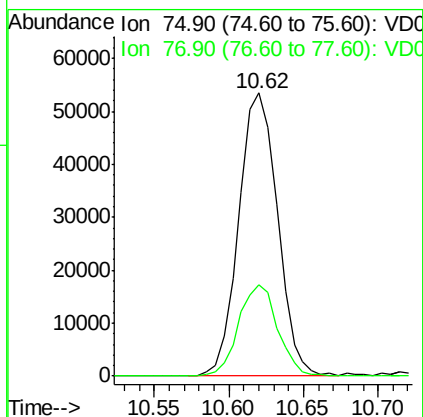
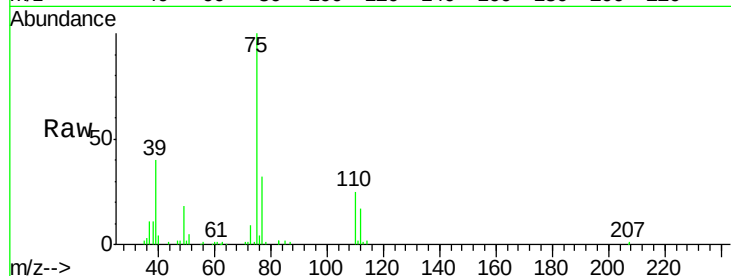
75 100

77 32.2 27.1 40.7

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.837 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

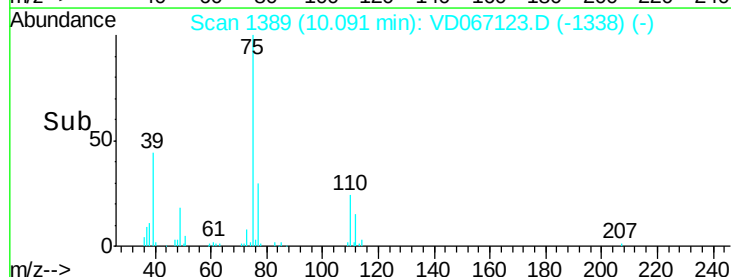
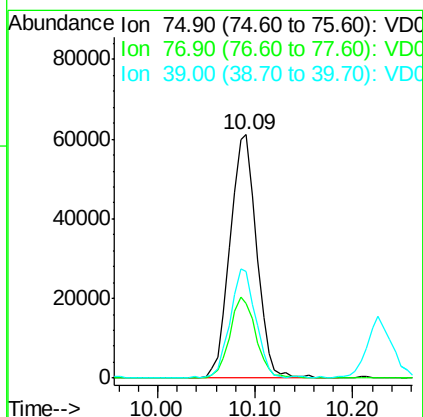
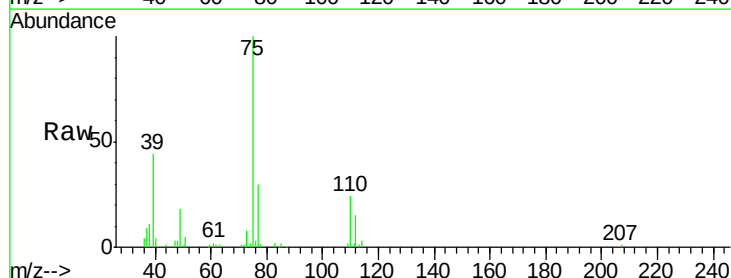
Tgt Ion: 75 Resp: 115911

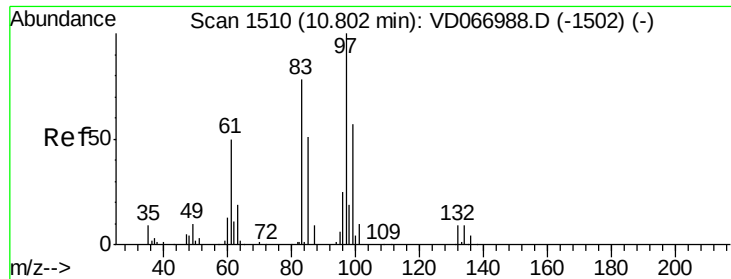
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 43.7 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 21.899 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

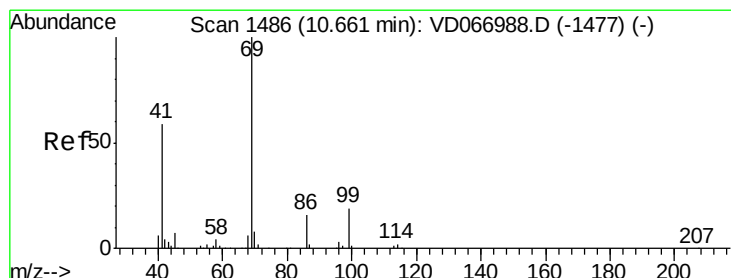
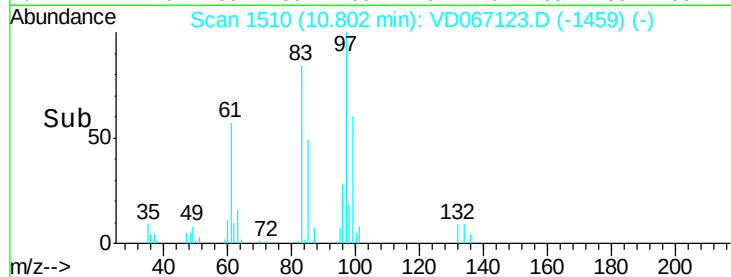
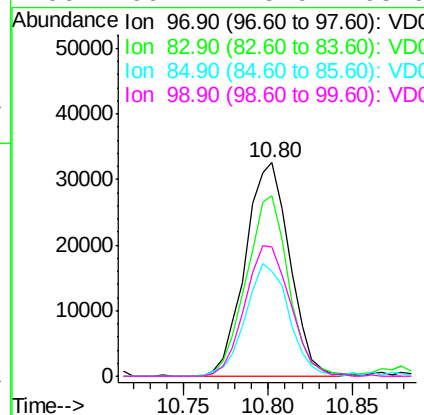
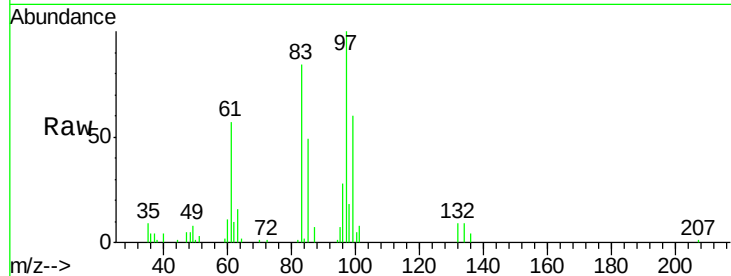
ClientSampleId :

VD1006SBS02

Tot Ion:	97	Resp:	59701
Ion	Ratio	Lower	Upper
97	100		
83	84.3	62.4	93.6
85	49.1	41.0	61.4
99	60.4	45.9	68.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.731 ug/l

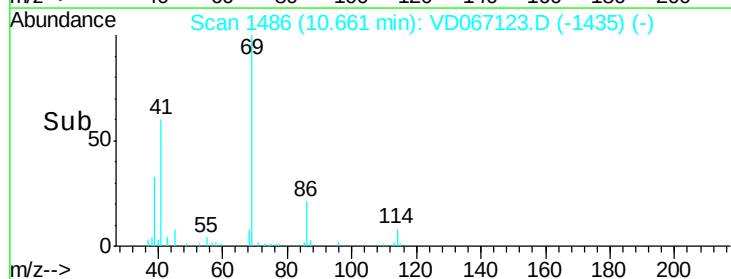
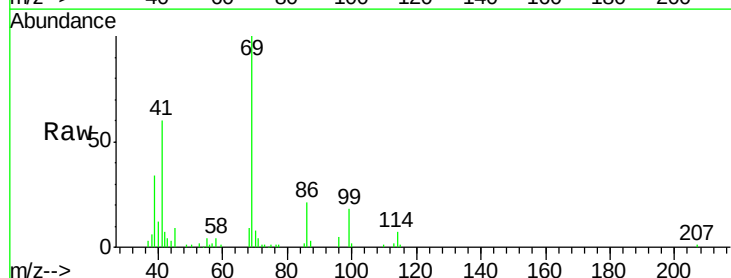
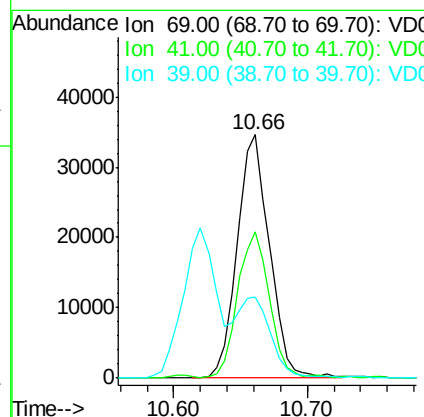
RT: 10.66 min Scan# 1486

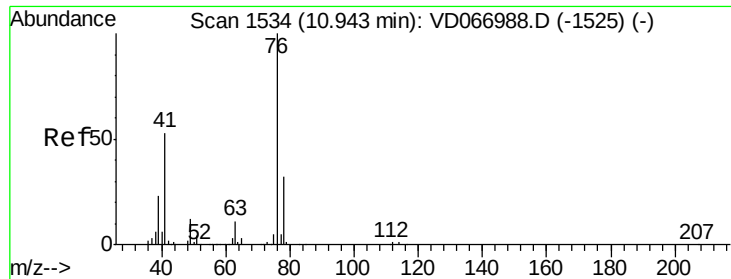
Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	69	Resp:	58350
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.4	69.6
39	32.8	23.8	35.6





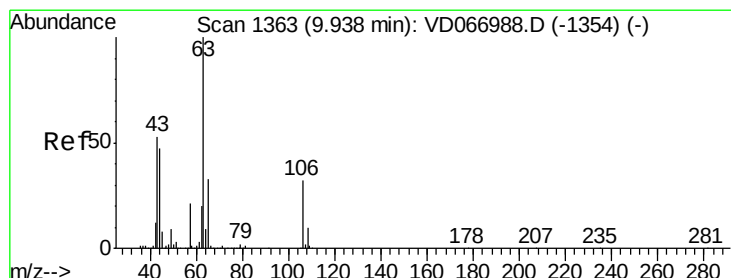
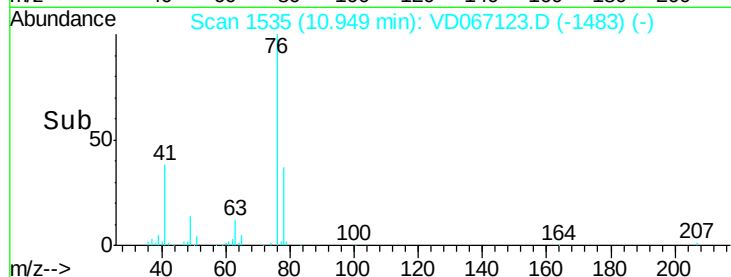
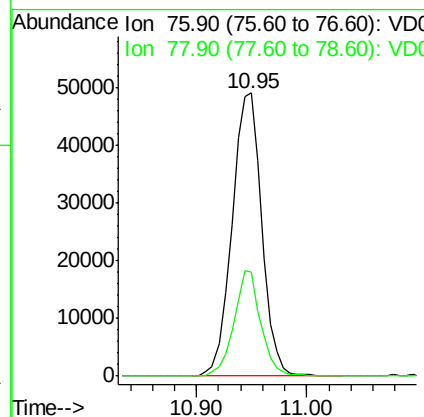
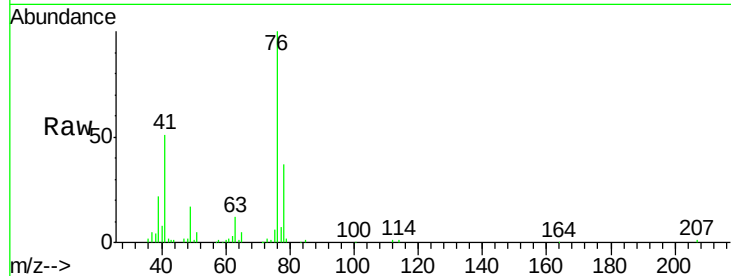
#57
 1,3-Dichloropropane
 Concen: 20.866 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 76 Resp: 92246
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8

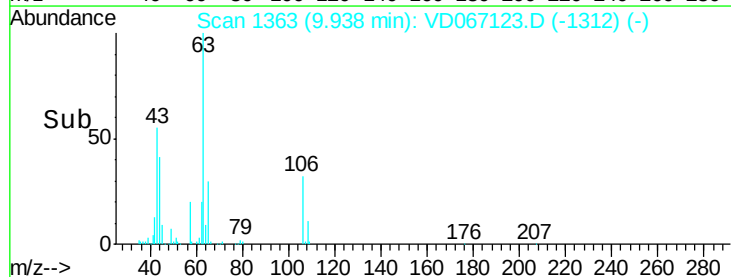
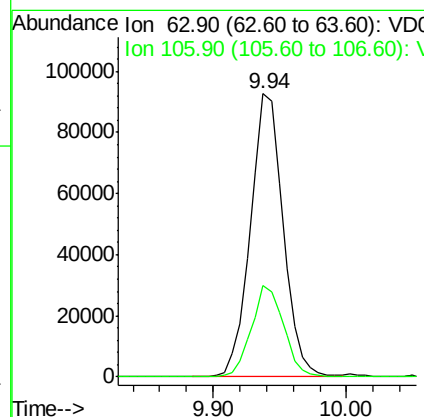
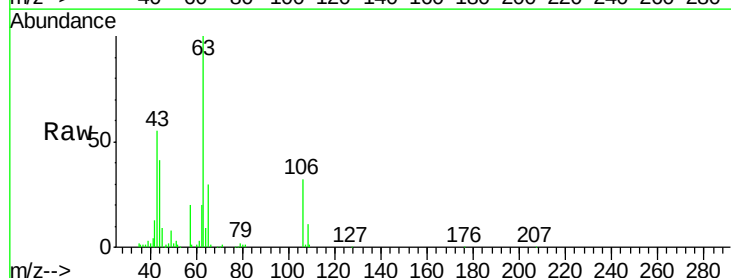
Manual Integrations
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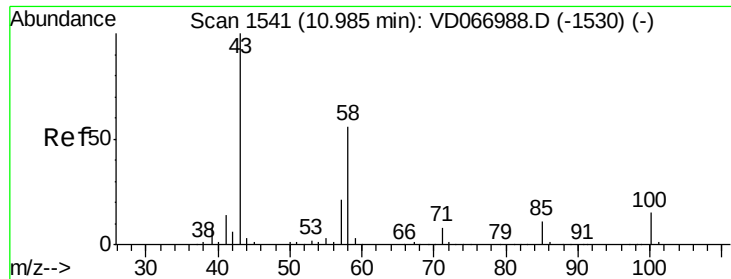
MMDadoda
 10/7/2020 12:10:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.894 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 63 Resp: 156491
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9





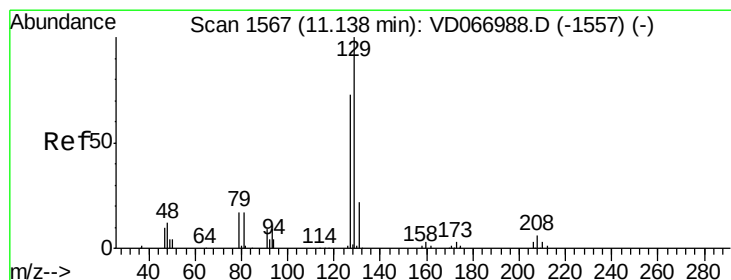
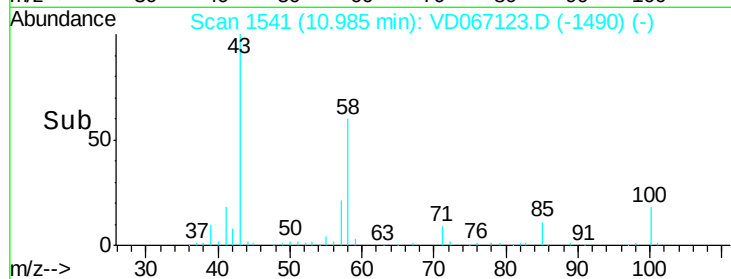
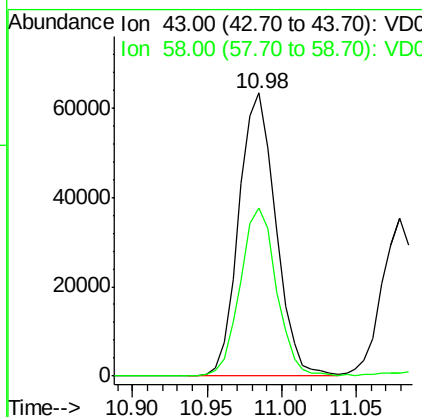
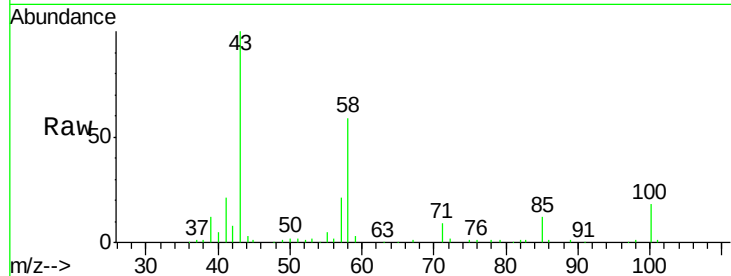
#59
2-Hexanone
Concen: 98.342 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampled :
VD1006SBS02

Tot Ion: 43 Resp: 109075
Ion Ratio Lower Upper
43 100
58 58.4 28.3 84.9

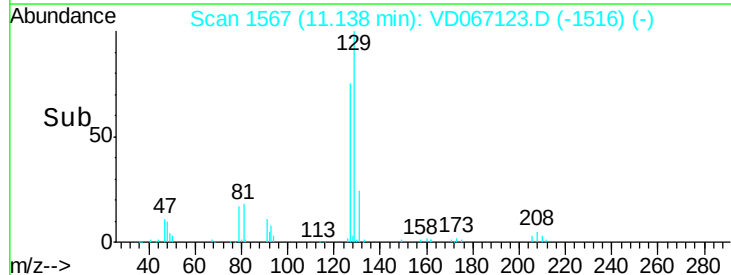
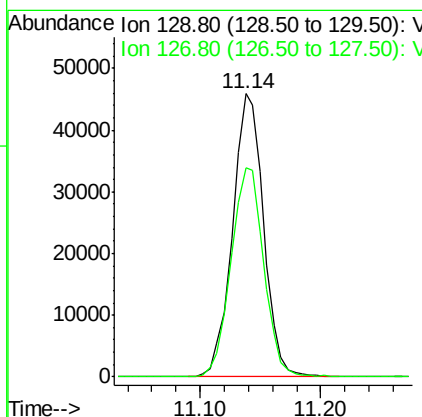
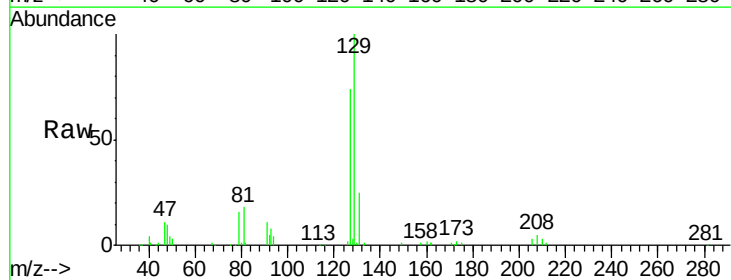
Manual Integrations
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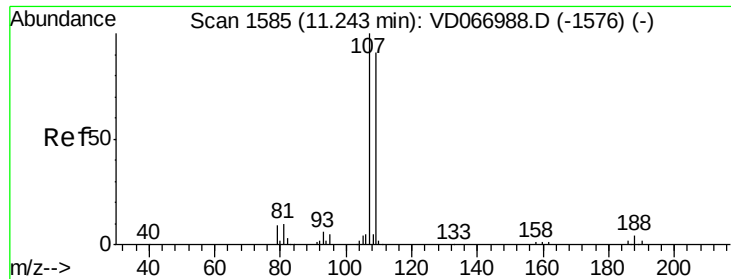
MMDadoda
10/7/2020 12:10:12 PM



#60
Dibromochloromethane
Concen: 22.612 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 129 Resp: 82161
Ion Ratio Lower Upper
129 100
127 77.7 37.4 112.1





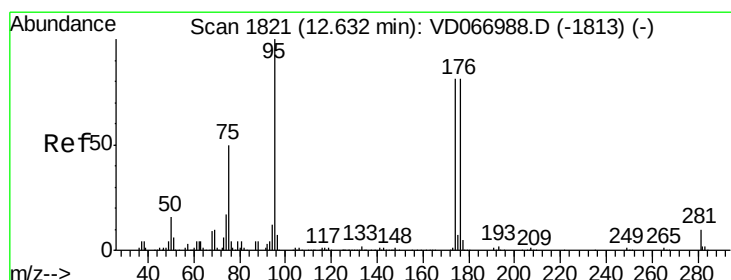
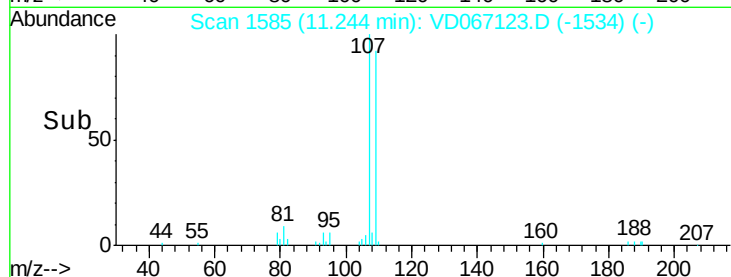
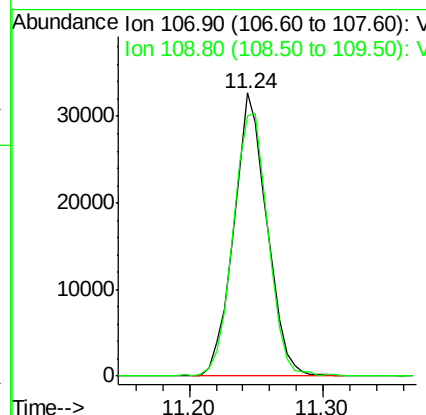
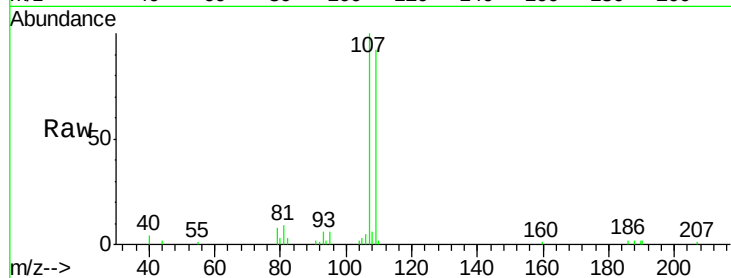
#61
 1,2-Dibromoethane
 Concen: 21.597 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion: 107 Resp: 56564
 Ion Ratio Lower Upper
 107 100
 109 98.2 74.0 111.0

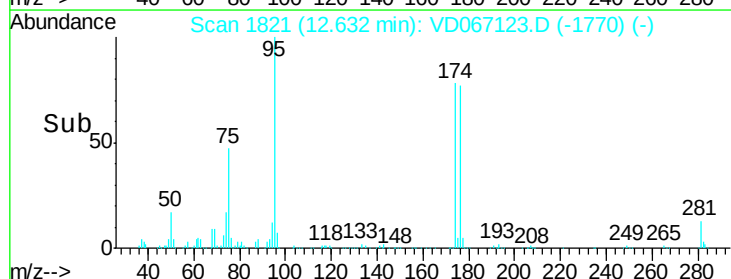
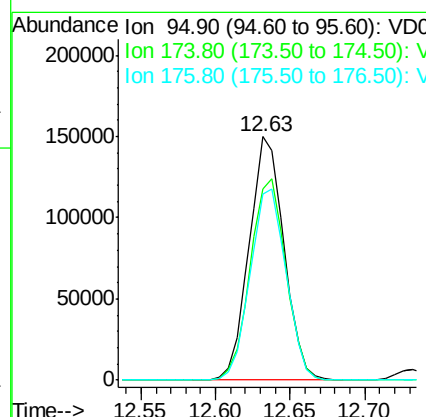
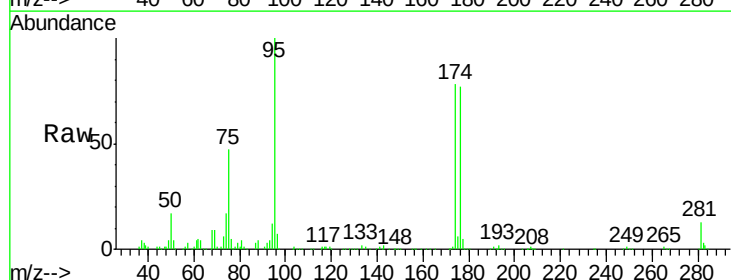
Manual Integrations
 APPROVED

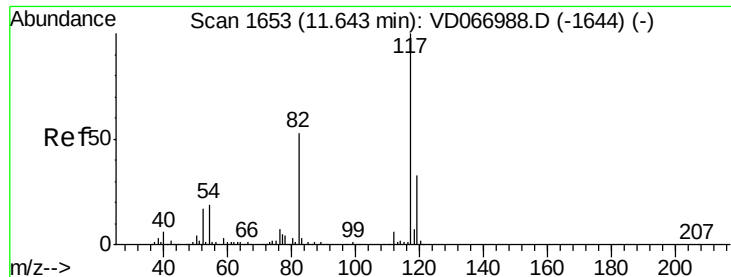
MMDadoda
 10/7/2020 12:10:12 PM



#62
 4-Bromofluorobenzene
 Concen: 53.092 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion: 95 Resp: 241140
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 167.6
 176 80.9 0.0 162.4





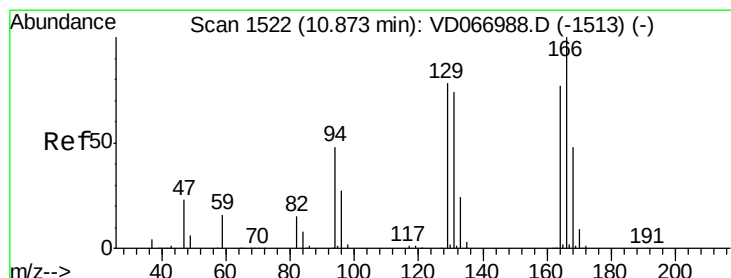
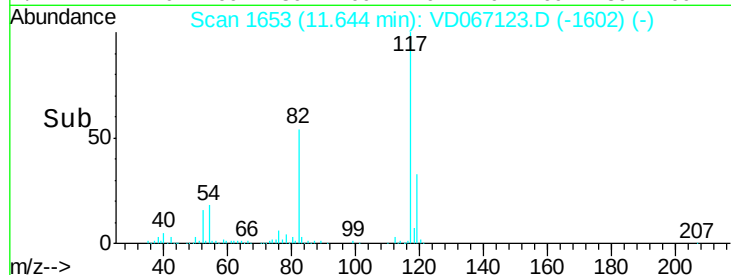
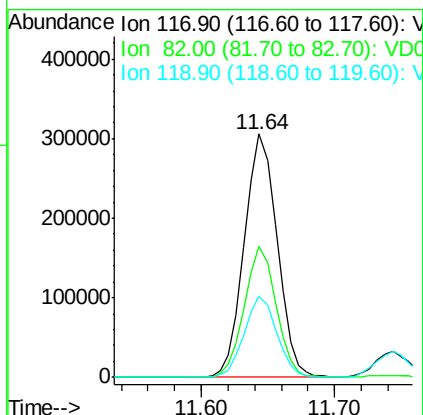
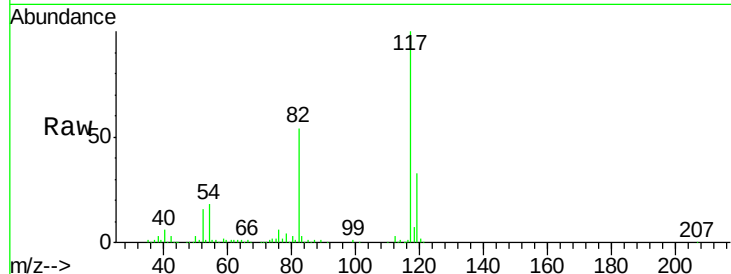
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	33.3	26.3	39.5

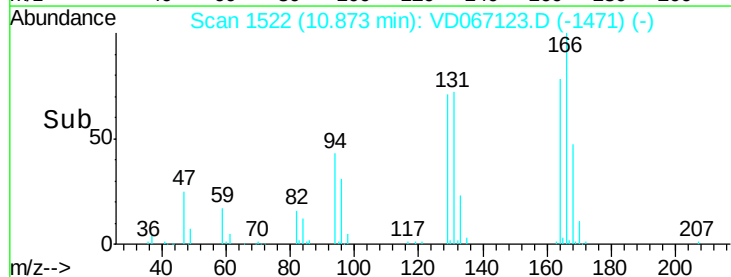
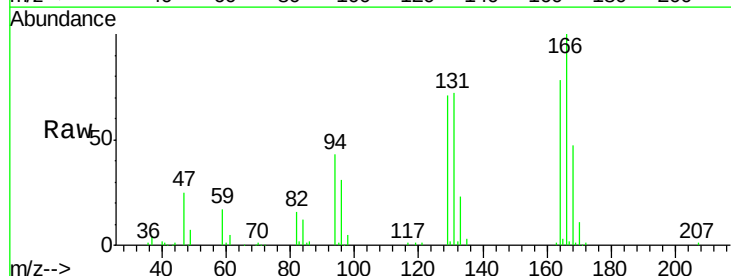
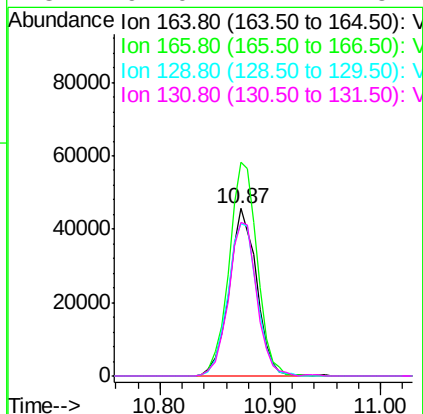
Manual Integrations
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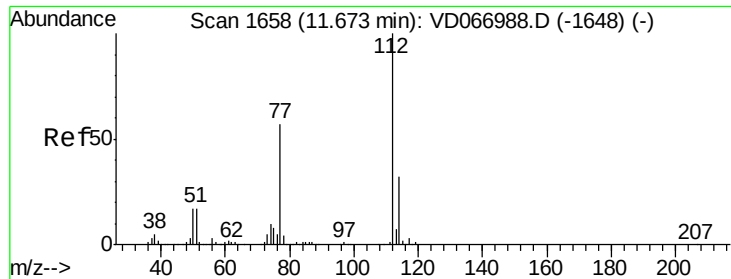
MMDadoda
10/7/2020 12:10:12 PM



#64
Tetrachloroethene
Concen: 21.196 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.4	156.6
129	90.9	81.3	121.9
131	92.0	77.1	115.7





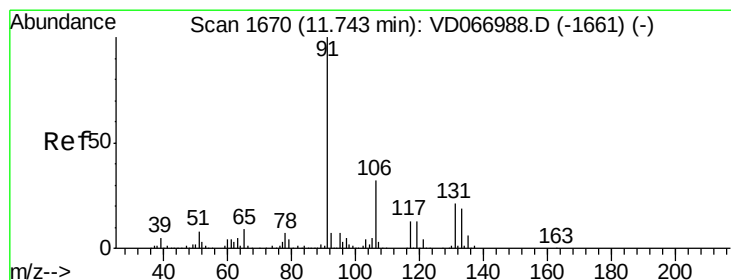
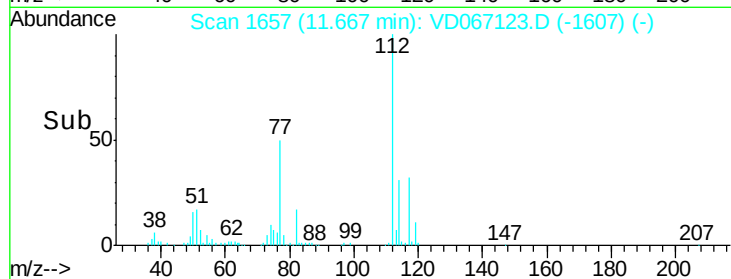
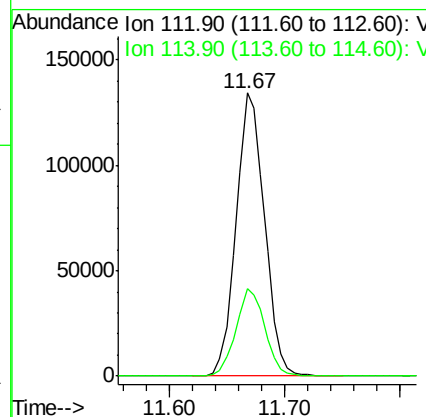
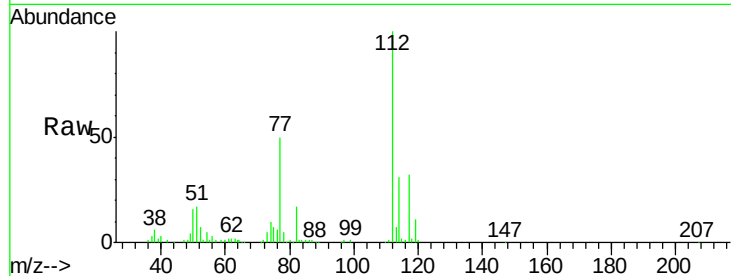
#65
Chlorobenzene
Concen: 22.012 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.4	38.0

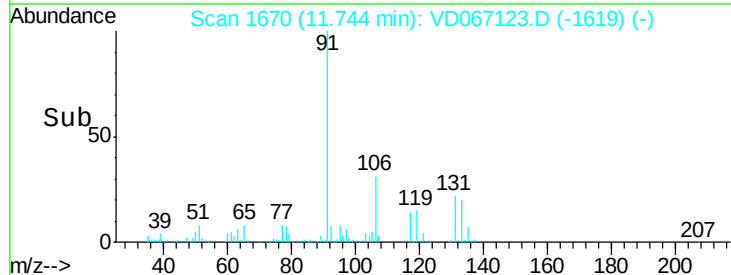
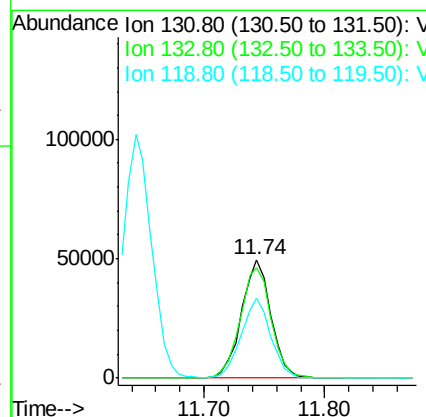
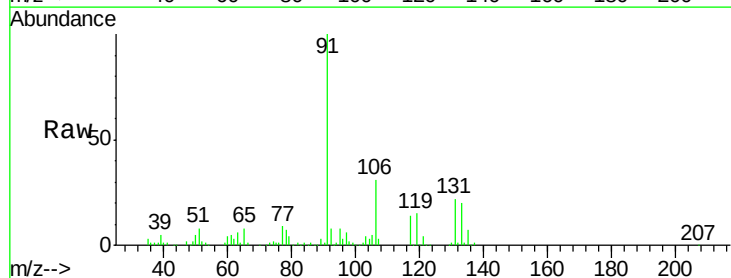
Manual Integrations
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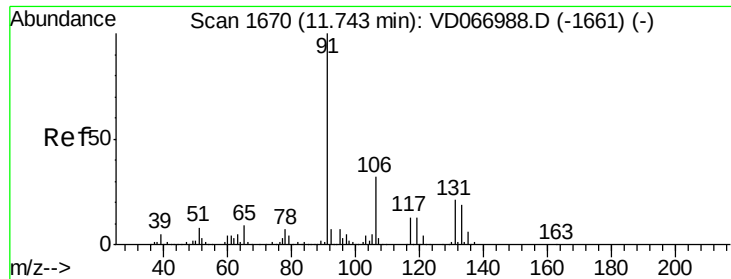
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.442 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.8	143.3
119	67.0	32.3	96.8





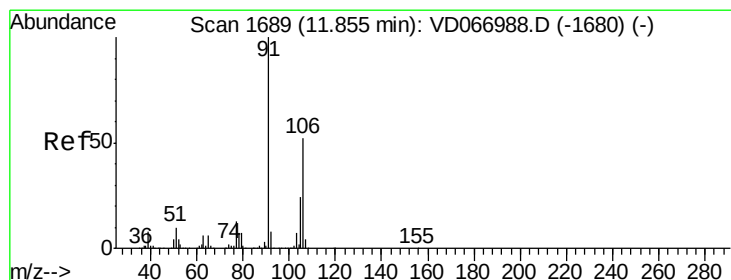
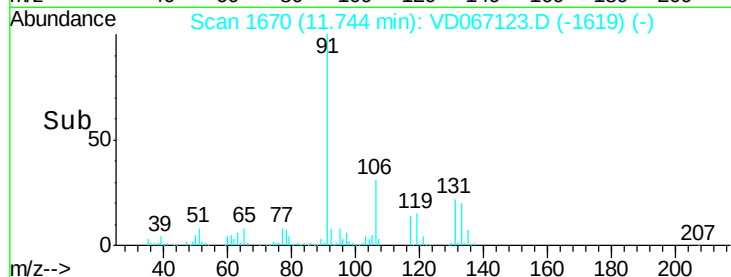
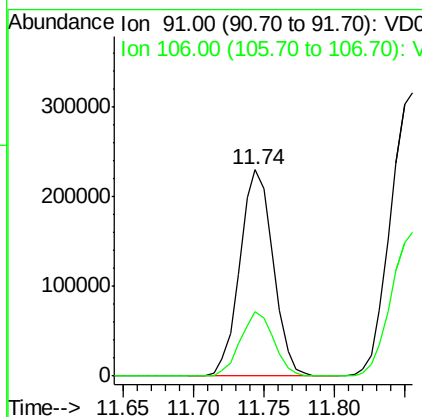
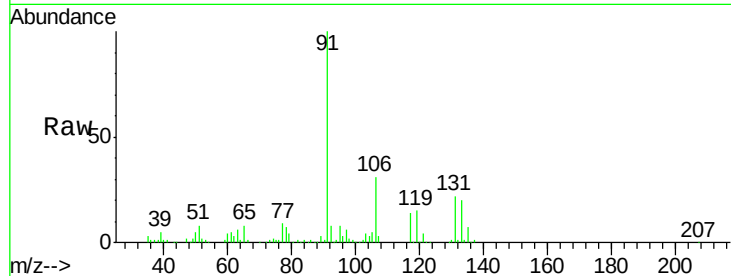
#67
Ethyl Benzene
Concen: 21.422 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 91 Resp: 380725
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

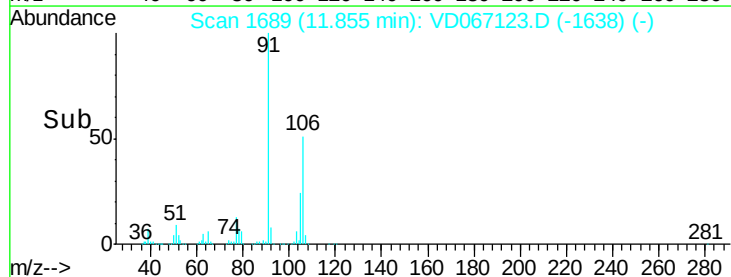
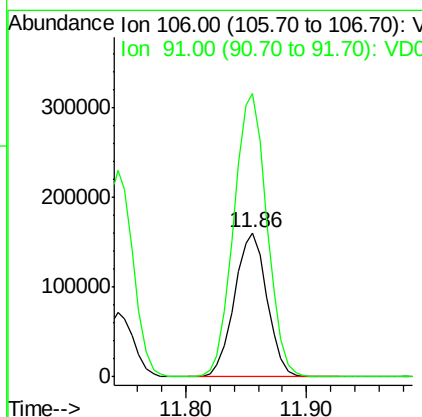
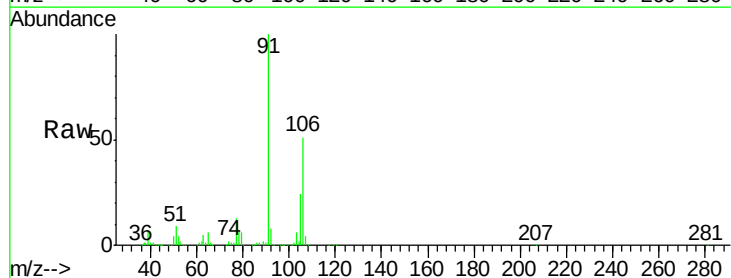
Manual Integrations
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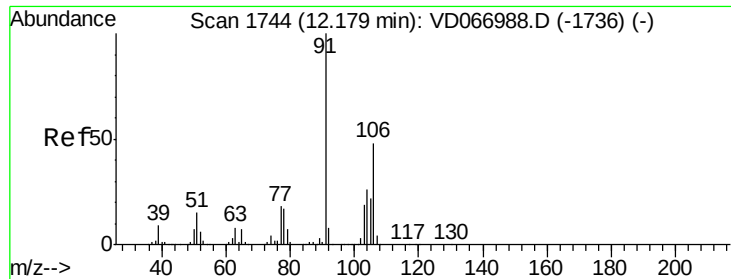
MMDadoda
10/7/2020 12:10:12 PM



#68
m/p-Xylenes
Concen: 43.489 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 106 Resp: 301210
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6





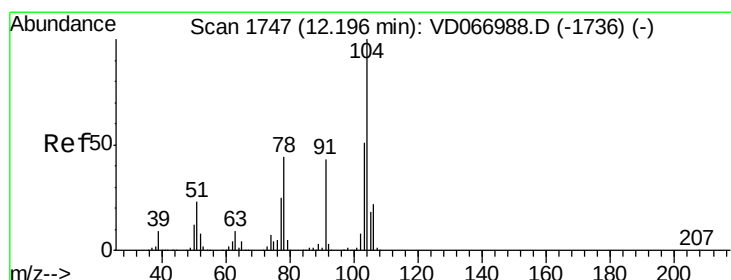
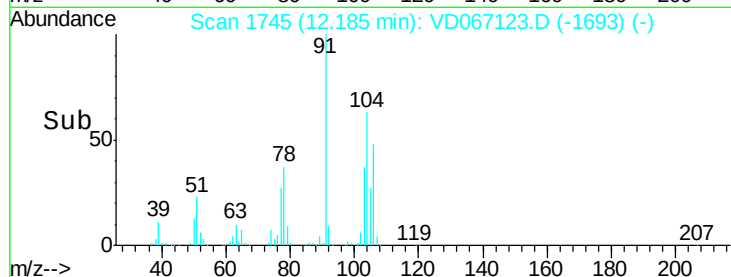
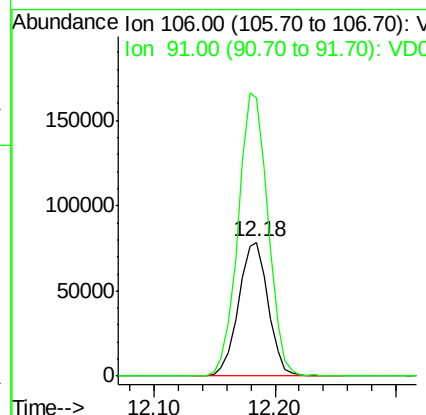
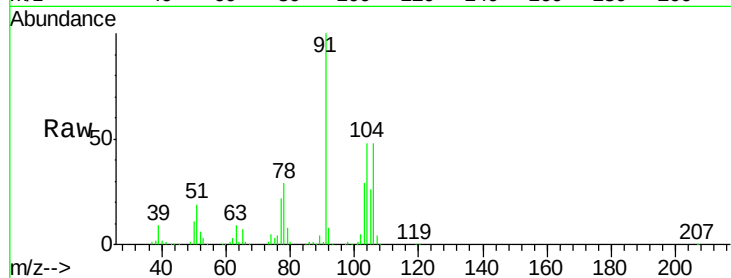
#69
o-Xylene
Concen: 21.753 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.3	102.4	134730	307.2	

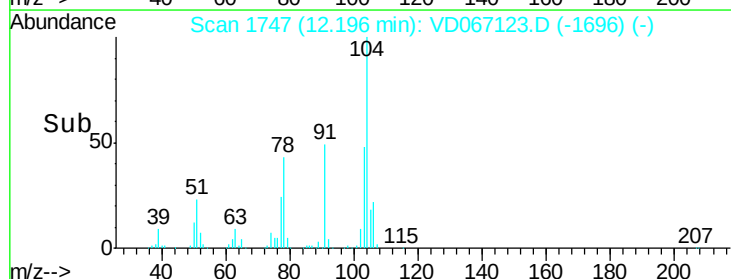
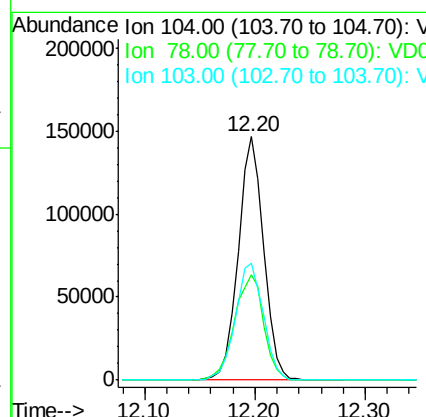
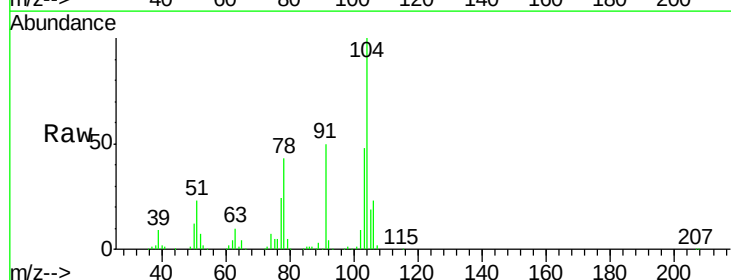
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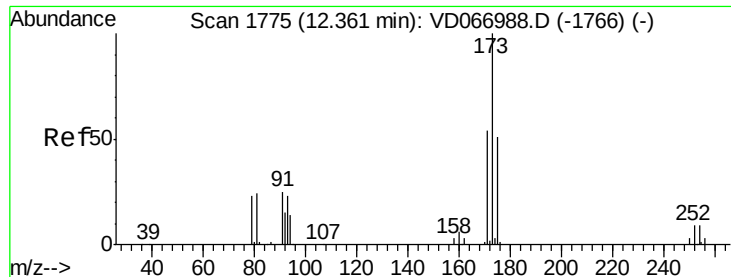
MMDadoda
10/7/2020 12:10:12 PM



#70
Styrene
Concen: 22.251 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.6	38.6	236652	58.0	
103	52.8	43.4		65.0	





#71

Bromoform

Concen: 22.638 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

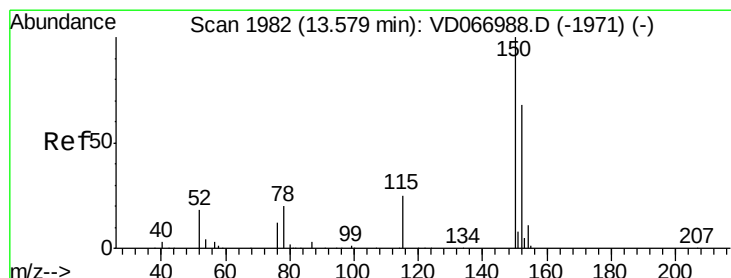
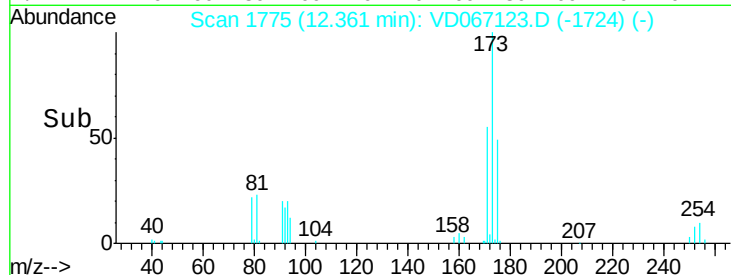
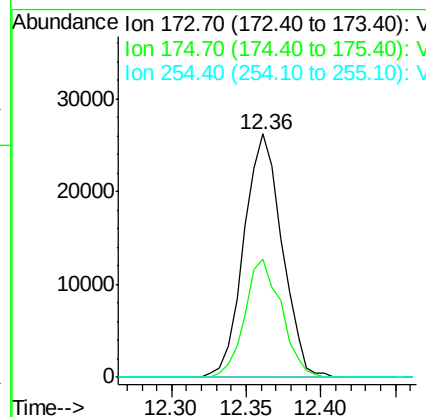
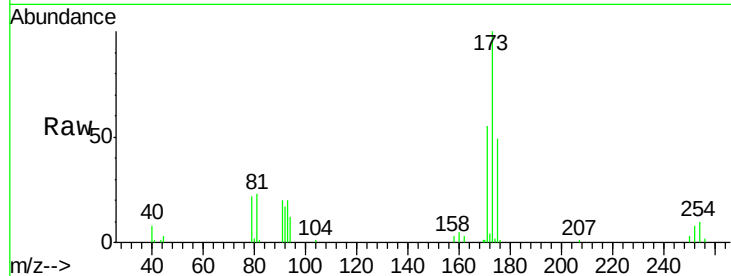
ClientSampleId :

VD1006SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.9	74.7
254	0.0	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

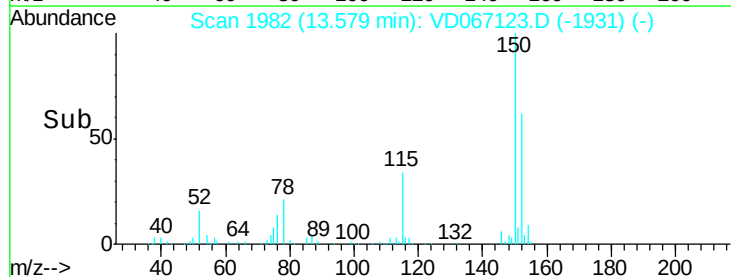
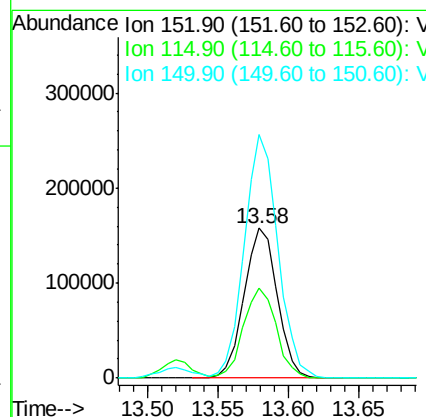
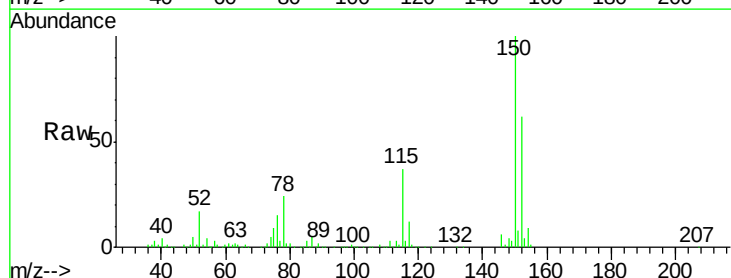
RT: 13.58 min Scan# 1982

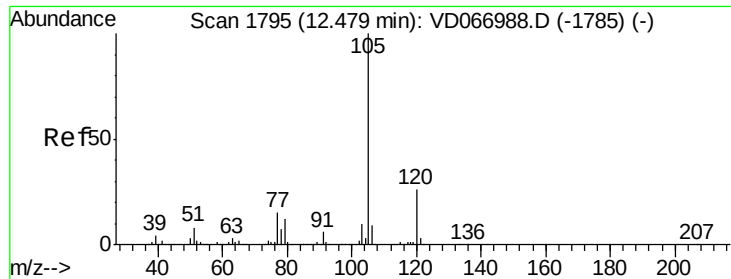
Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.6	88.8
150	164.4	0.0	344.8





#73

Isopropylbenzene

Concen: 20.695 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion: 105 Resp: 364422

Ion Ratio Lower Upper

105 100

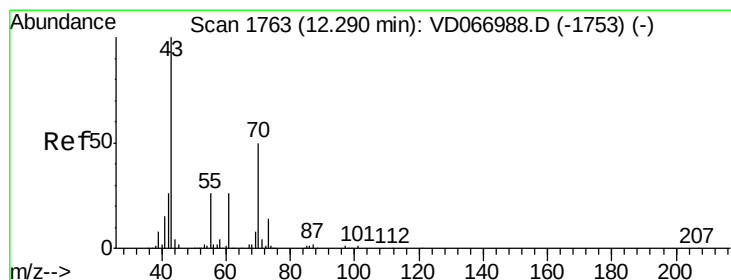
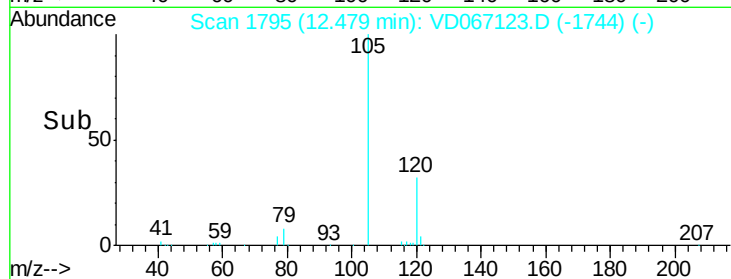
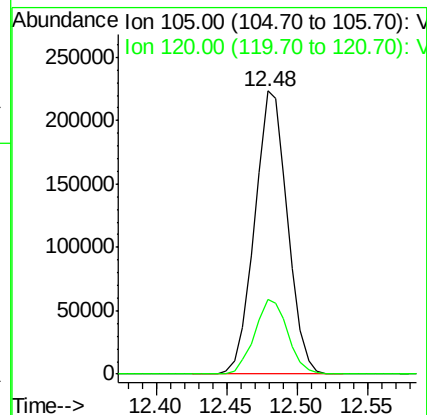
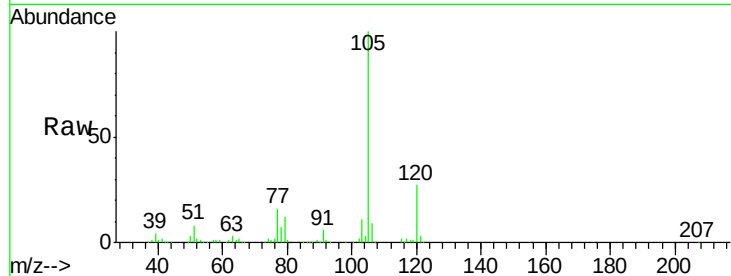
120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 18.655 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion: 43 Resp: 59055

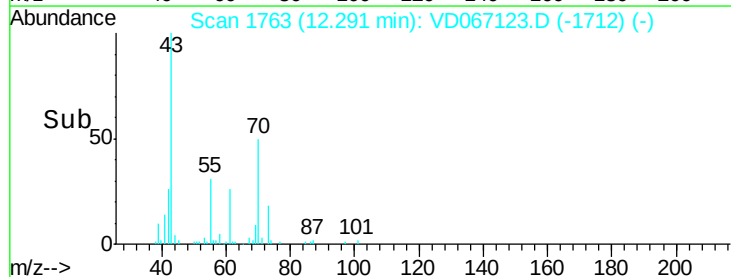
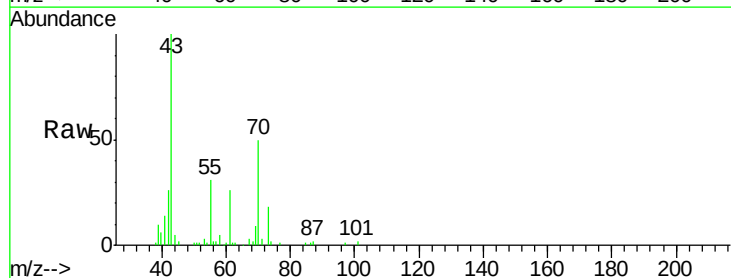
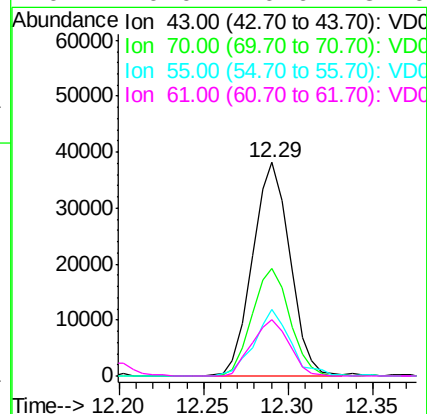
Ion Ratio Lower Upper

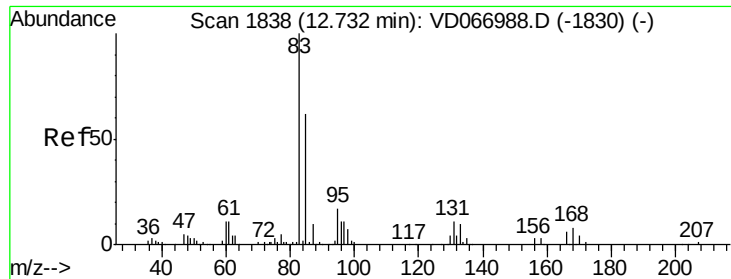
43 100

70 50.6 38.2 57.2

55 29.8 22.4 33.6

61 26.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.514 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

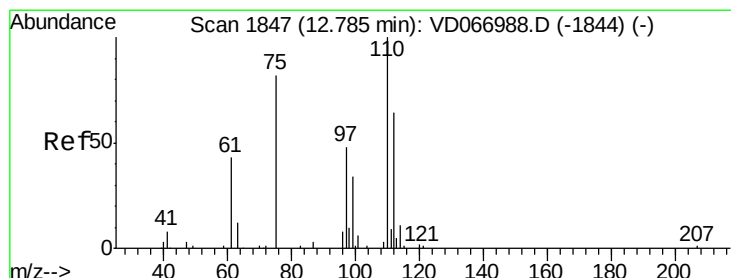
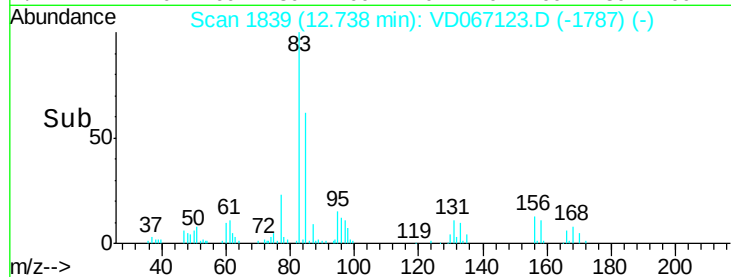
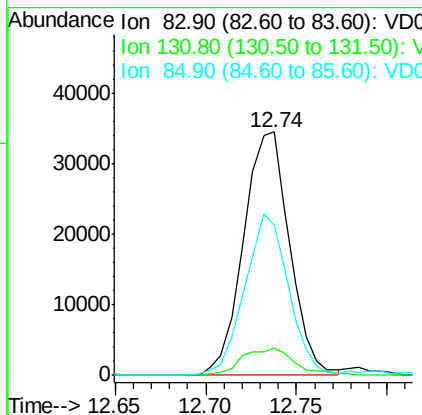
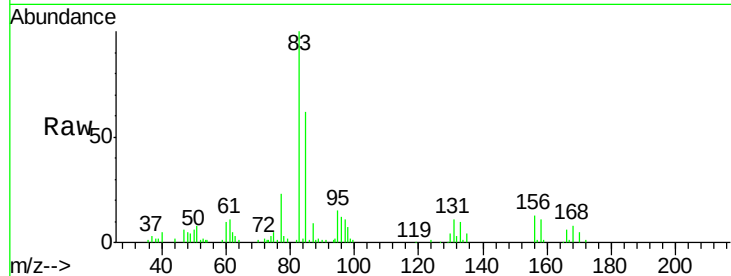
ClientSampleId :

VD1006SBS02

Tot Ion:	83	Resp:	60863
Ion	Ratio	Lower	Upper
83	100		
131	13.0	5.7	17.0
85	63.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 18.149 ug/l m

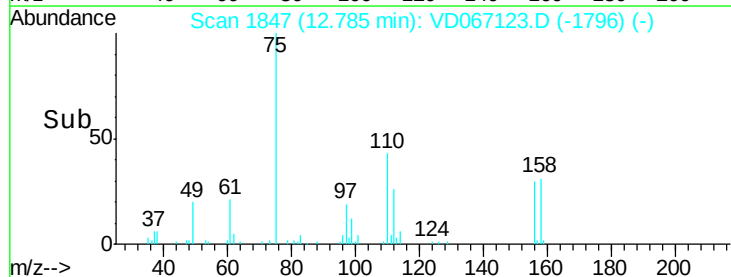
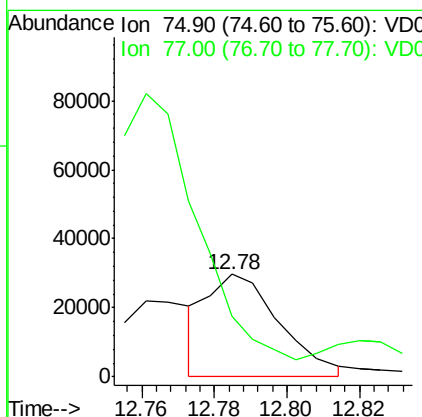
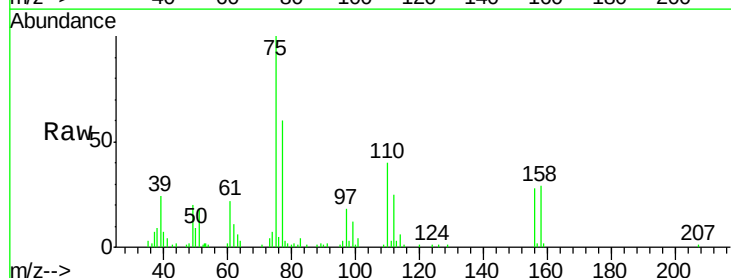
RT: 12.78 min Scan# 1847

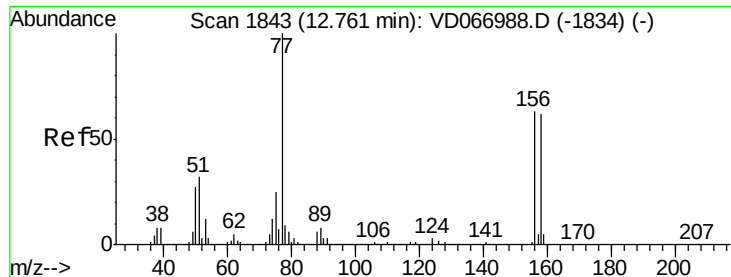
Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	75	Resp:	40997
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.622 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBSD02

Tot Ion:156 Resp: 91937

Ion Ratio Lower Upper

156 100

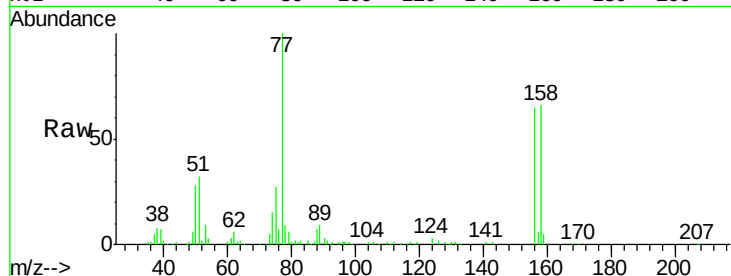
77 164.2 86.3 258.8

158 94.9 49.5 148.3

Manual Integrations
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MMDadoda

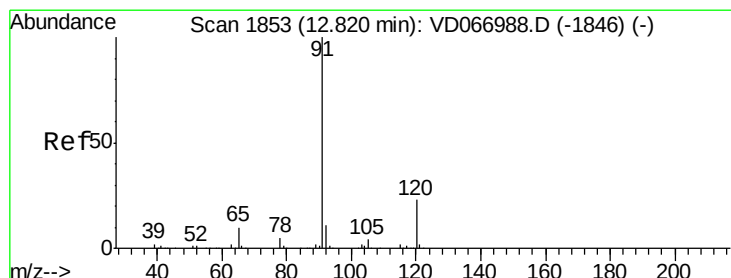
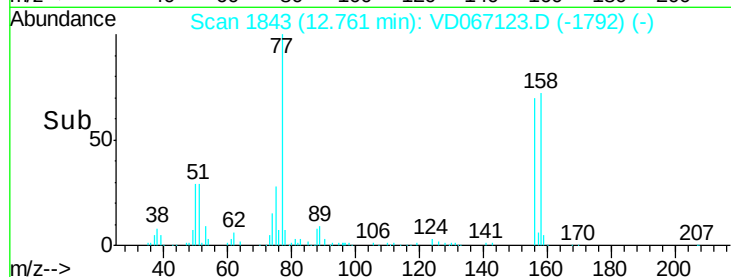
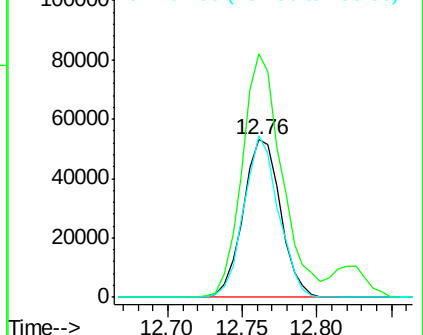
10/7/2020 12:10:12 PM



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: 20.589 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD067123.D

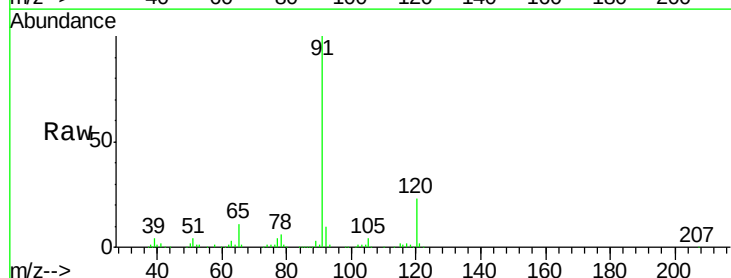
Acq: 06 Oct 2020 23:34

Tgt Ion: 91 Resp: 428489

Ion Ratio Lower Upper

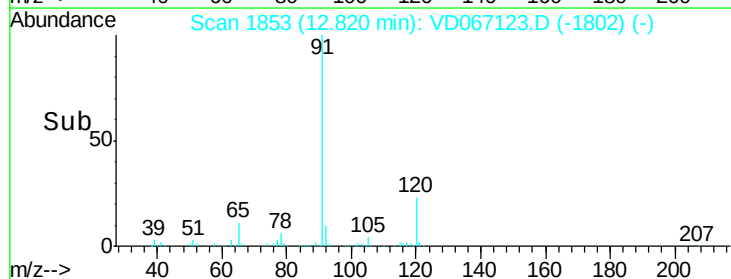
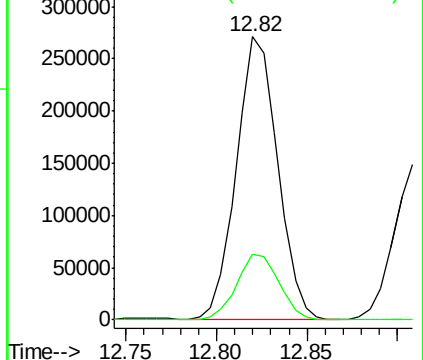
91 100

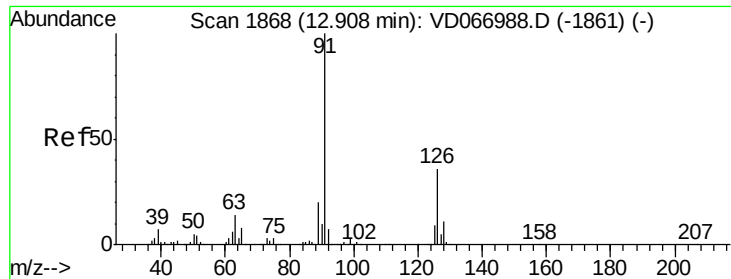
120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





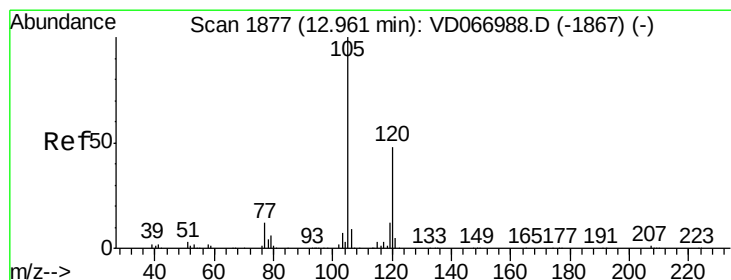
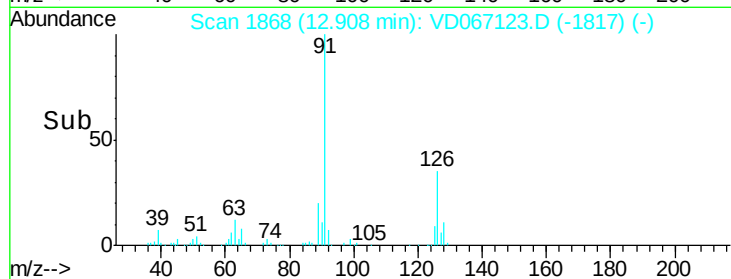
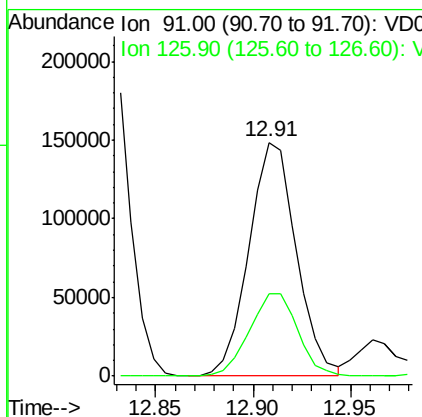
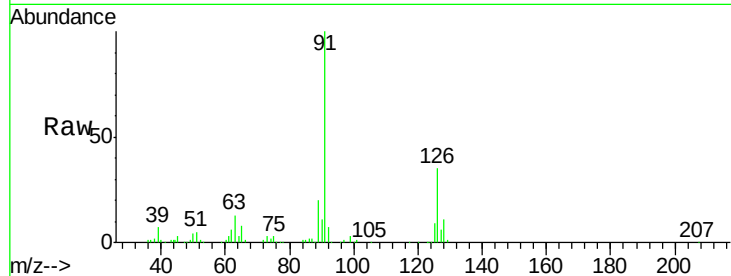
#79
2-Chlorotoluene
Concen: 20.965 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion: 91 Resp: 249633
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.6

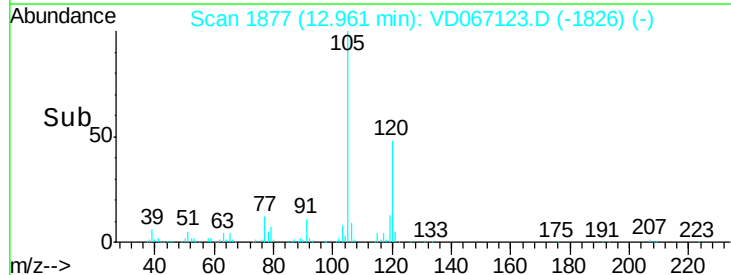
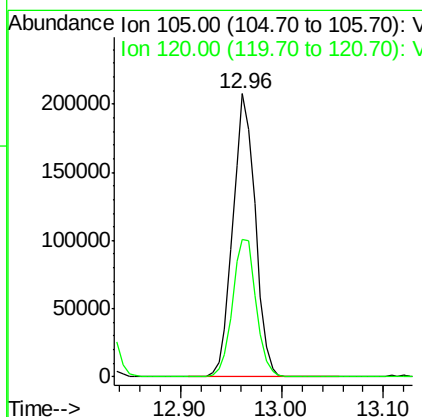
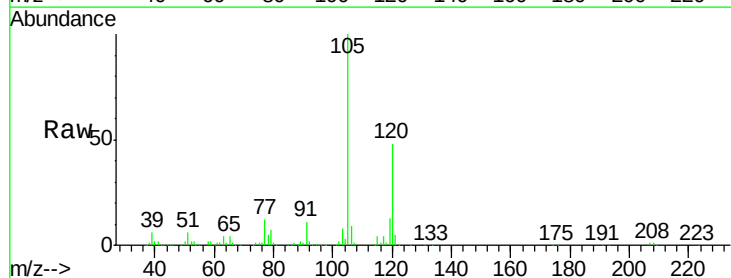
Manual Integrations
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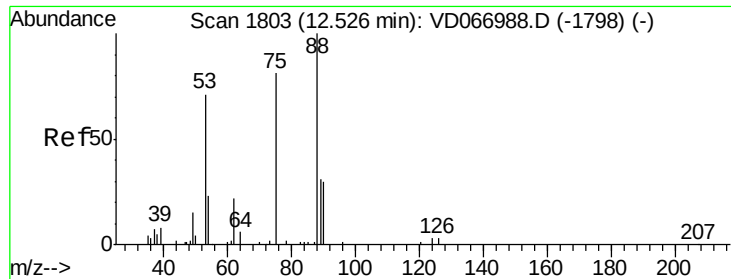
MMDadoda
10/7/2020 12:10:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 21.424 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion: 105 Resp: 318742
Ion Ratio Lower Upper
105 100
120 50.9 24.6 74.0





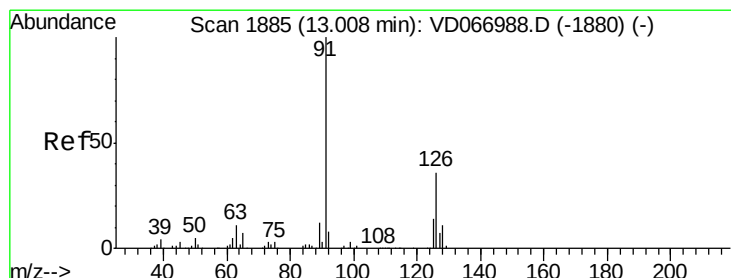
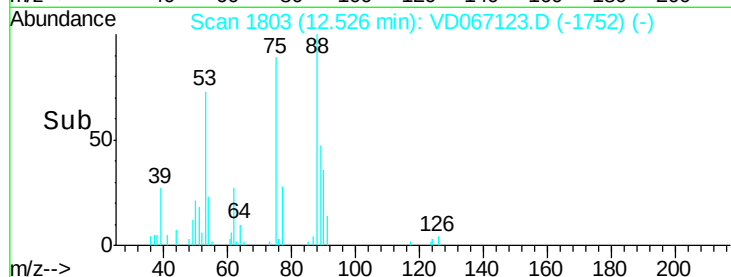
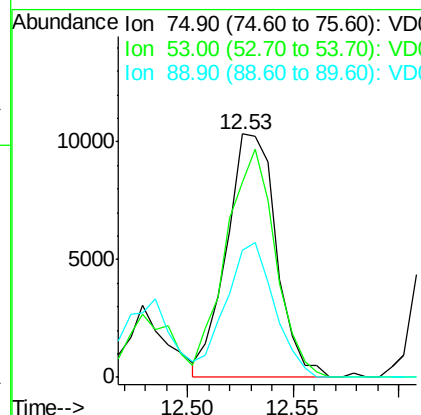
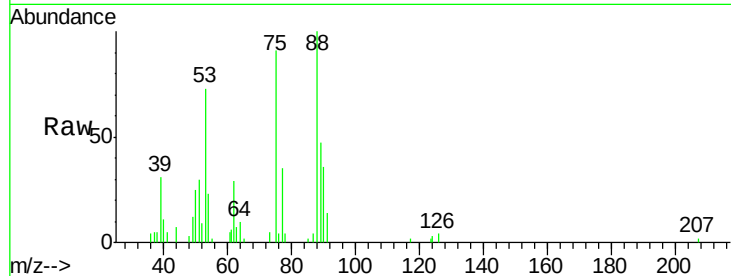
#81
trans-1,4-Dichloro-2-butene
Concen: 18.578 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	73.8	110.6
89	54.4	38.9	58.3

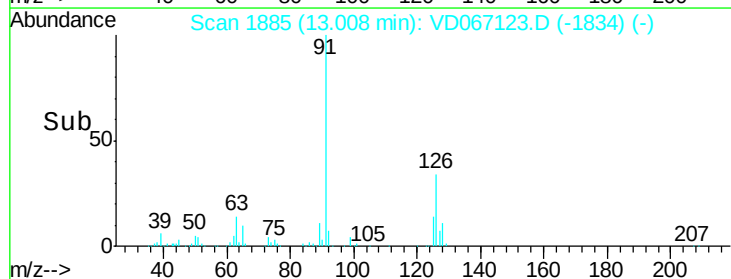
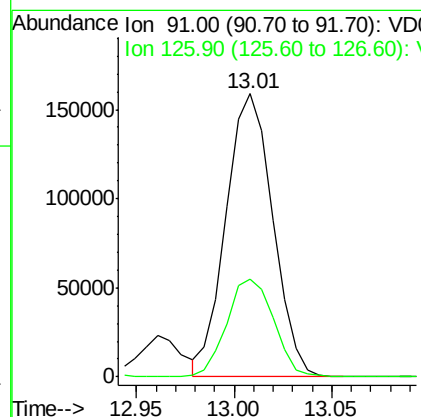
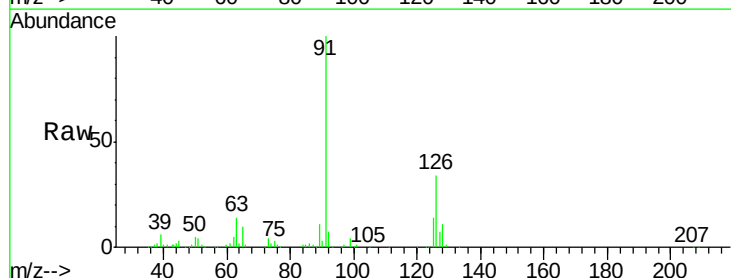
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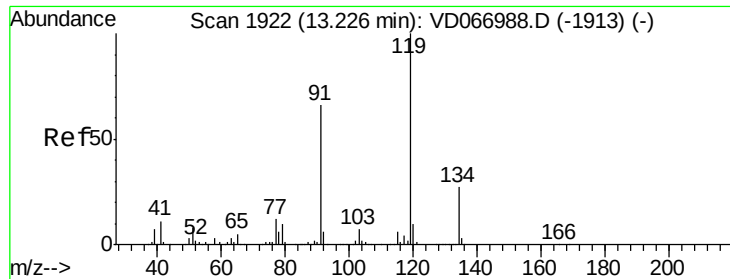
MMDadoda
10/7/2020 12:10:12 PM



#82
4-Chlorotoluene
Concen: 20.894 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5





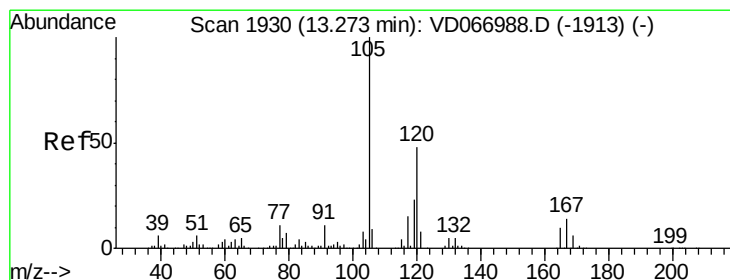
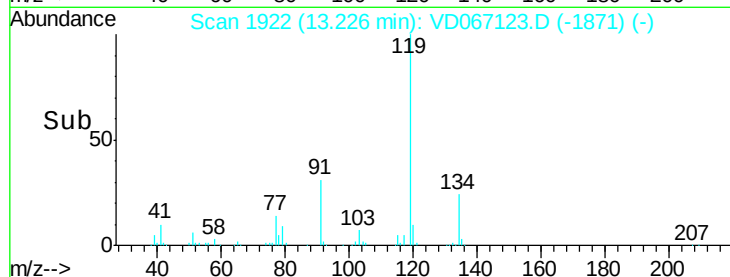
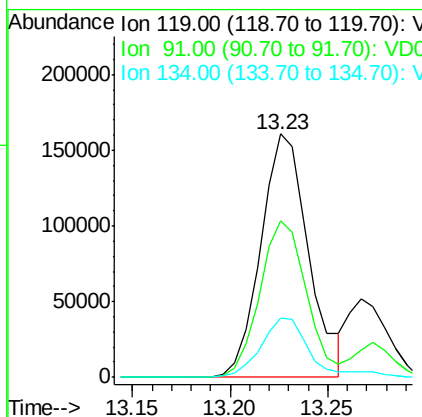
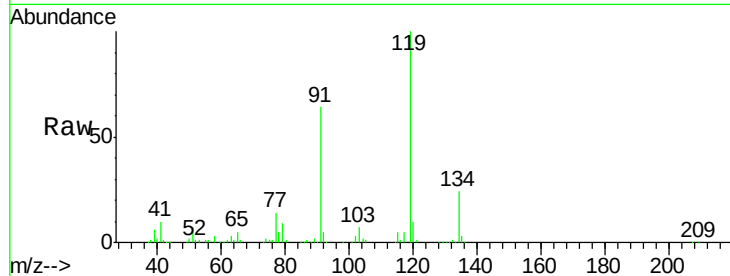
#83
 tert-Butylbenzene
 Concen: 21.720 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.8	98.3
134	25.2	13.9	41.7

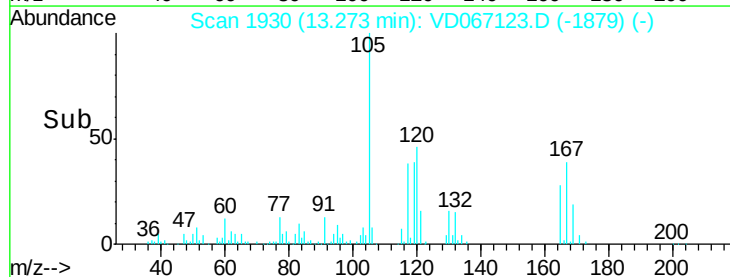
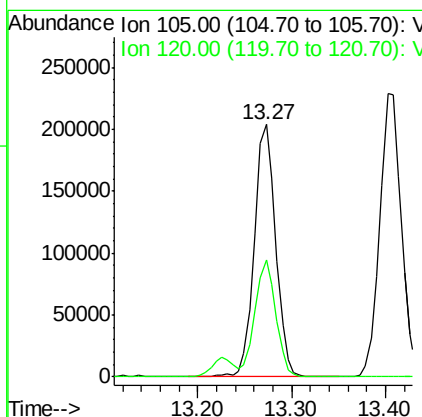
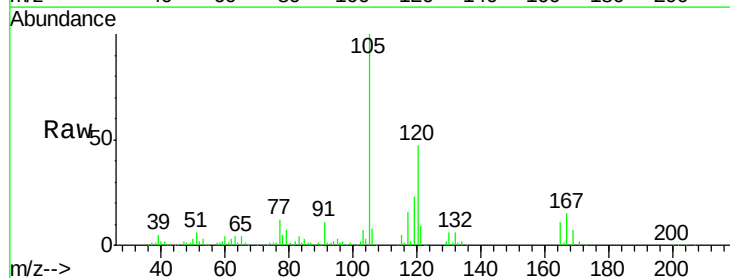
Manual Integrations
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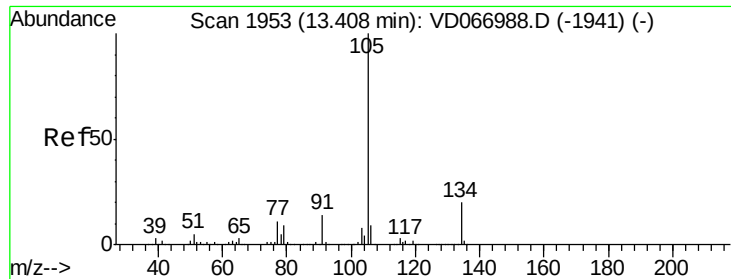
MMDadoda
 10/7/2020 12:10:12 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.634 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8





#85

sec-Butylbenzene

Concen: 20.541 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBS02

Tot Ion:105 Resp: 362425

Ion Ratio Lower Upper

105 100

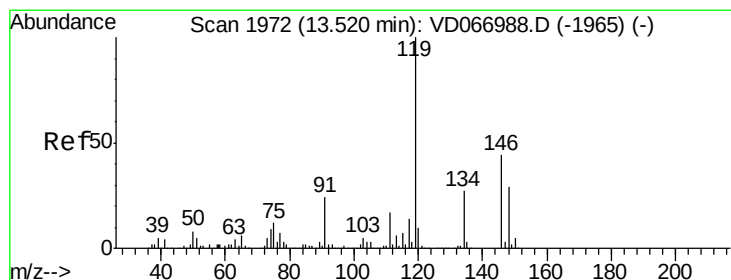
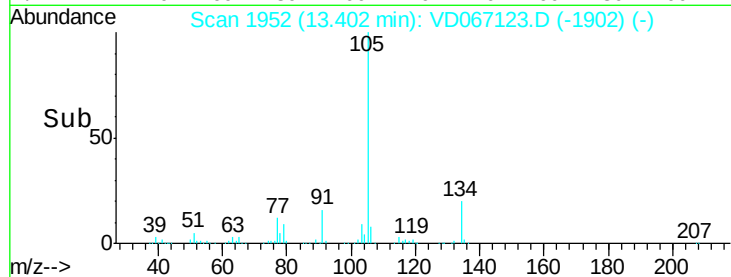
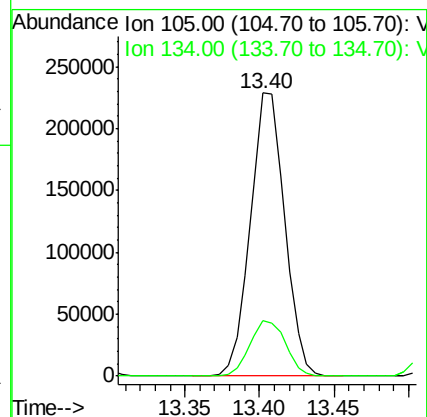
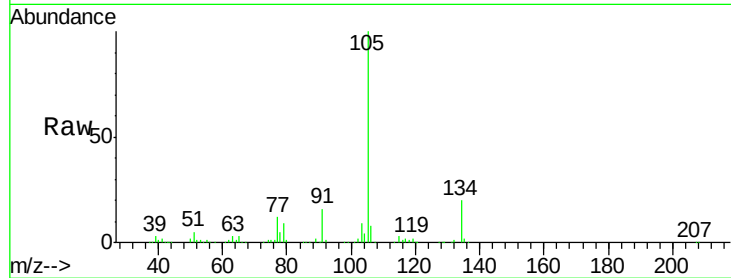
134 20.5 10.3 30.8

Manual Integrations

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10/7/2020 12:10:12 PM



#86

p-Isopropyltoluene

Concen: 21.056 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

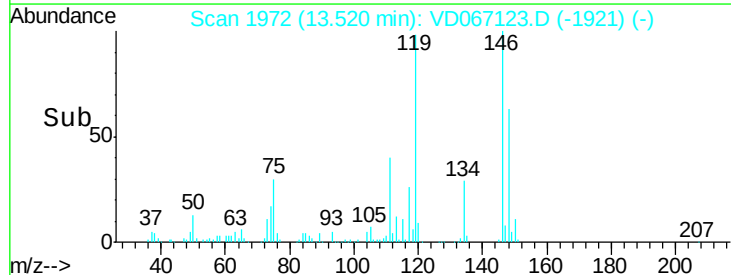
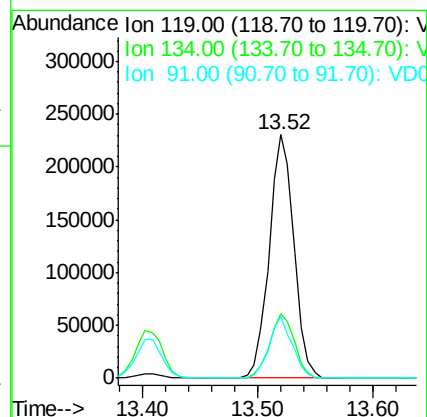
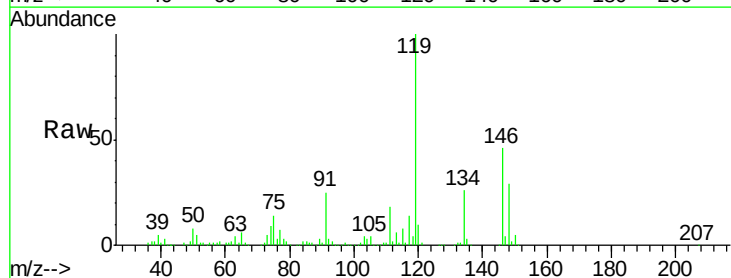
Tgt Ion:119 Resp: 344428

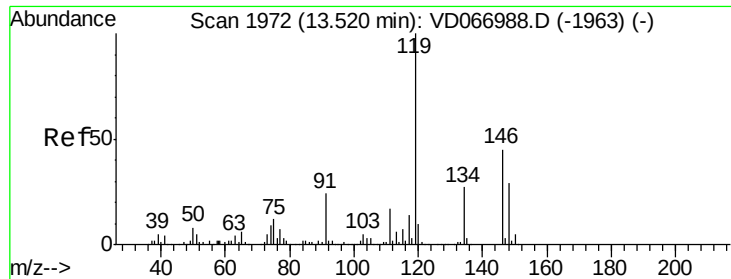
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.8 11.7 35.1





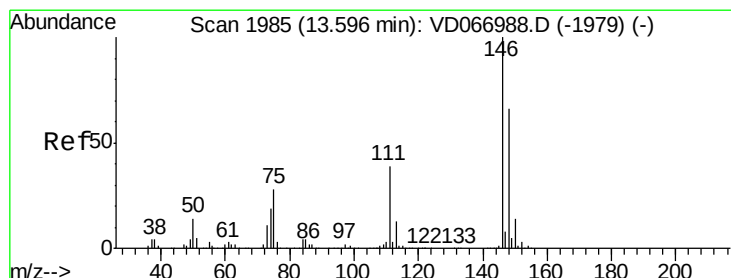
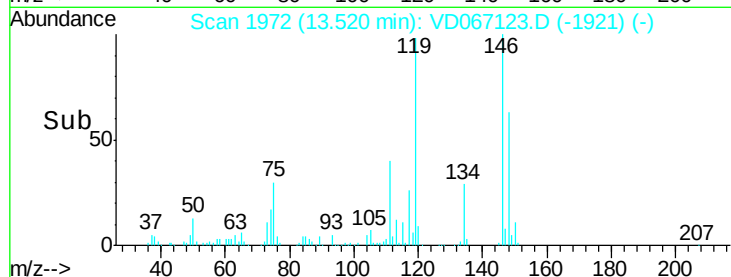
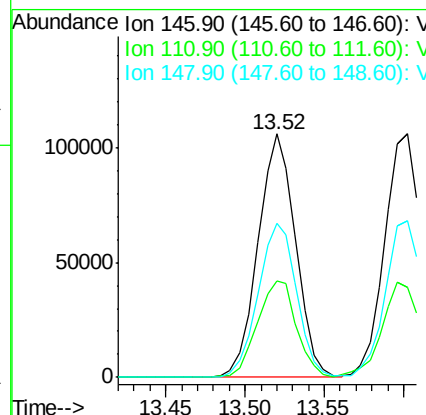
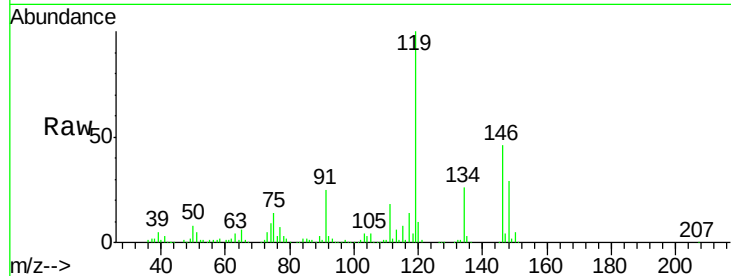
#87
 1,3-Dichlorobenzene
 Concen: 21.075 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	174551		
111	41.4	20.0	60.0	
148	64.7	31.9	95.9	

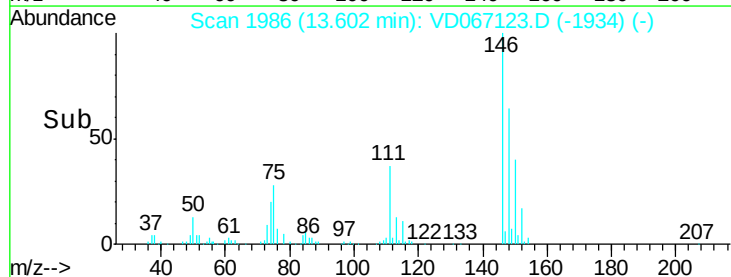
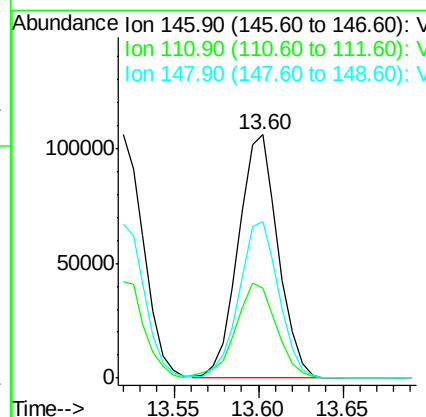
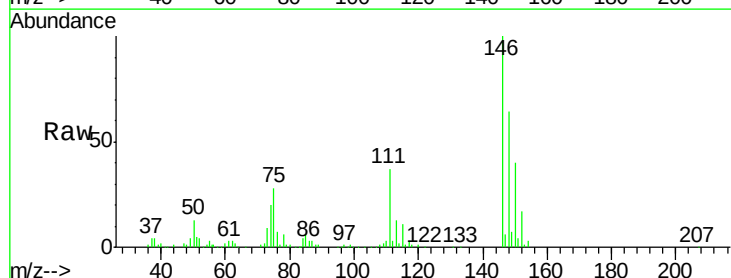
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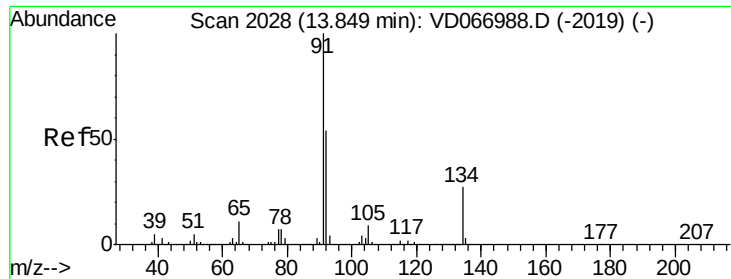
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#88
 1,4-Dichlorobenzene
 Concen: 20.908 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	173145		
111	40.1	19.6	58.7	
148	64.6	32.6	97.7	





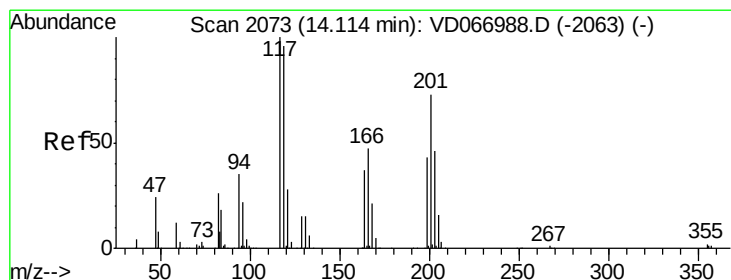
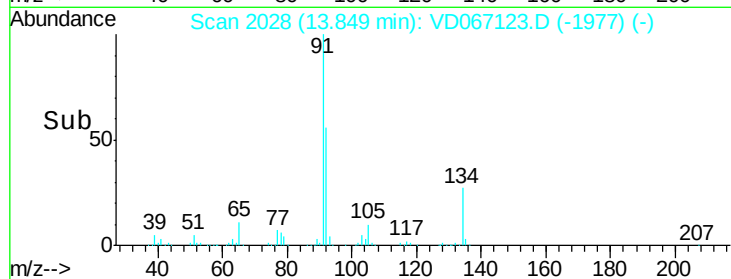
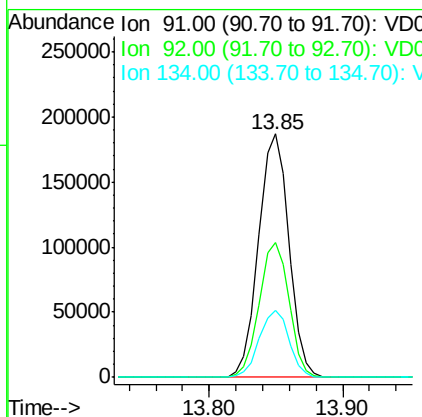
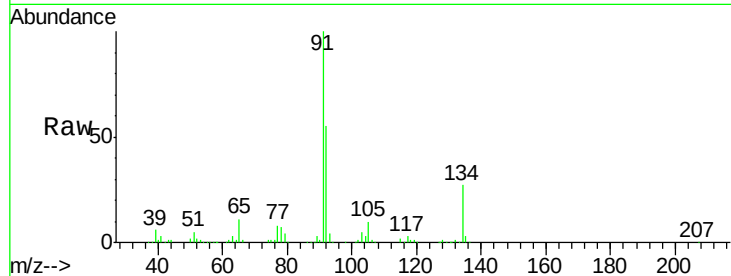
#89
n-Butylbenzene
Concen: 19.622 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Instrument :
MSVOA_D
ClientSampleId :
VD1006SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.1	81.2
134	27.0	13.6	40.8

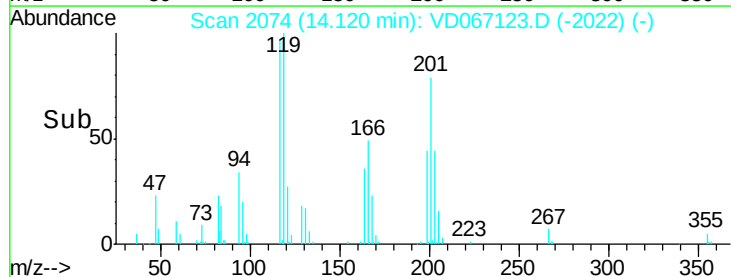
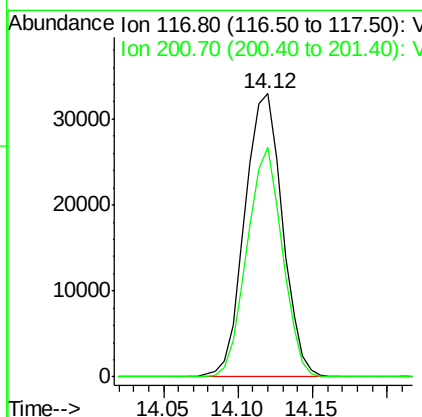
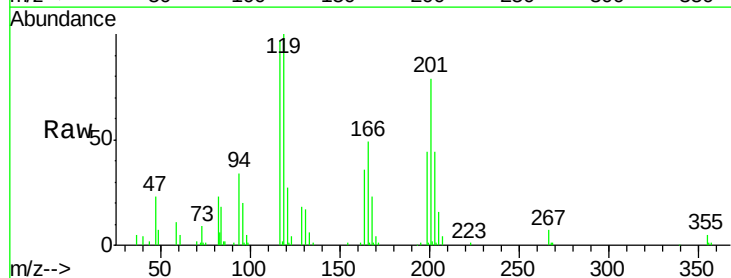
Manual Integrations
APPROVED

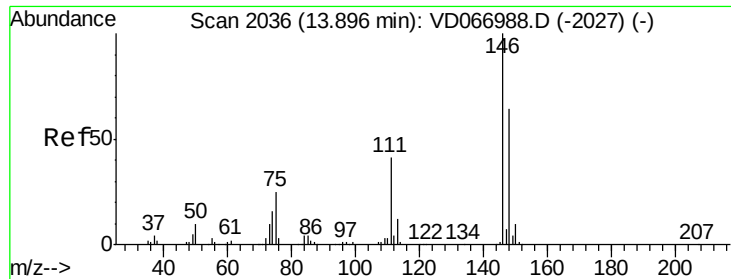
MMDadoda
10/7/2020 12:10:12 PM



#90
Hexachloroethane
Concen: 20.096 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067123.D
Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.6	37.0	110.9





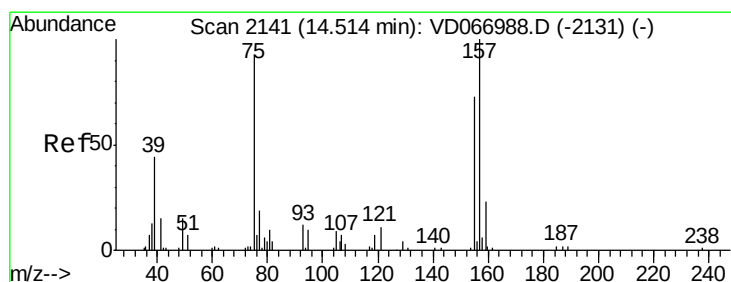
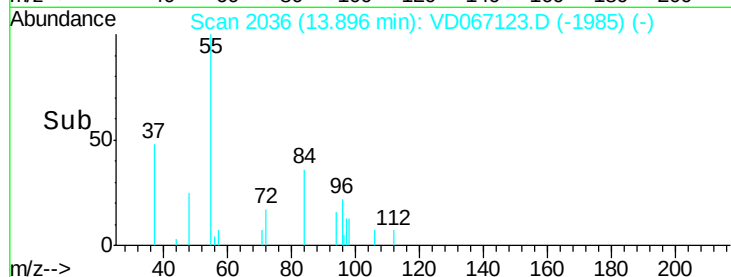
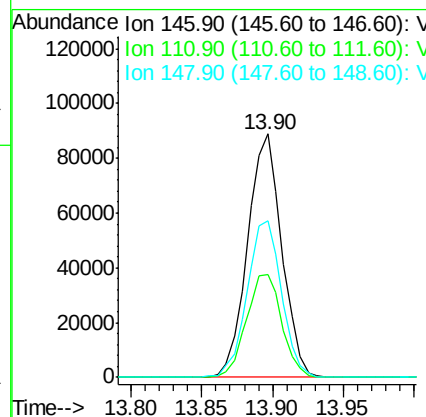
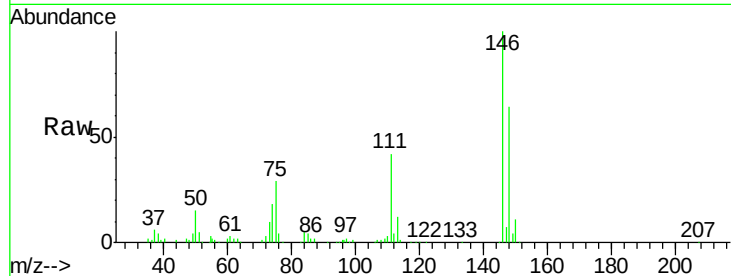
#91
 1,2-Dichlorobenzene
 Concen: 20.822 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.9	62.7
148	65.1	32.3	96.9

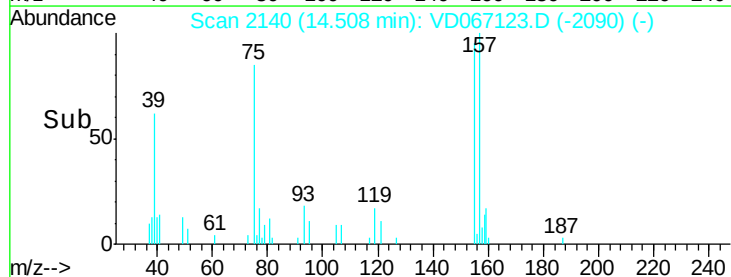
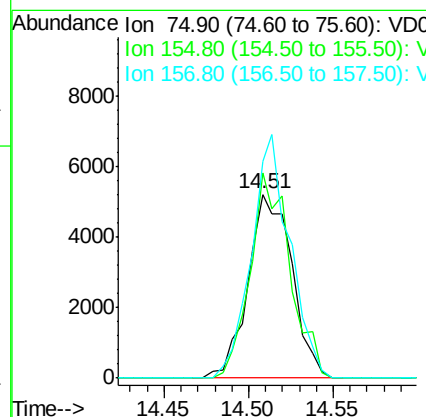
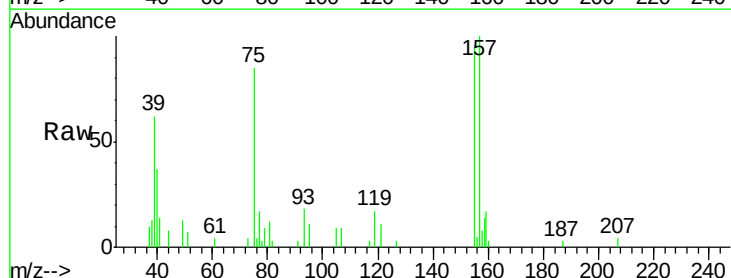
Manual Integrations
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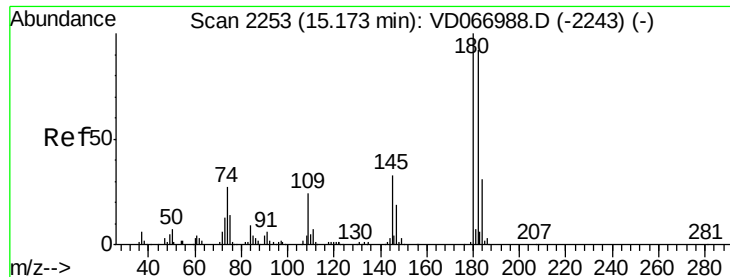
MMDadoda
 10/7/2020 12:10:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.581 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	45.2	135.6
157	116.5	56.3	168.8





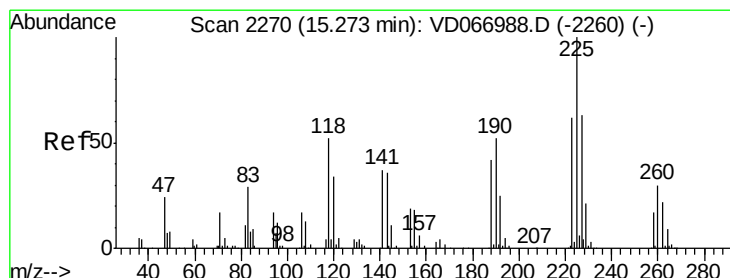
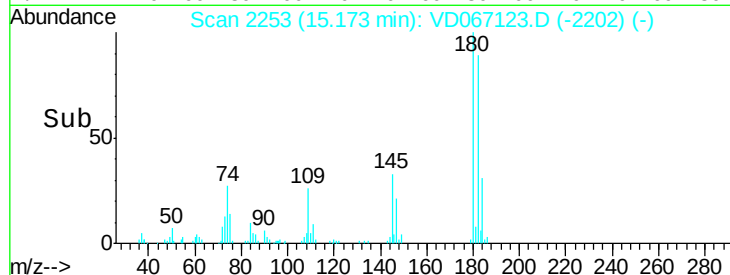
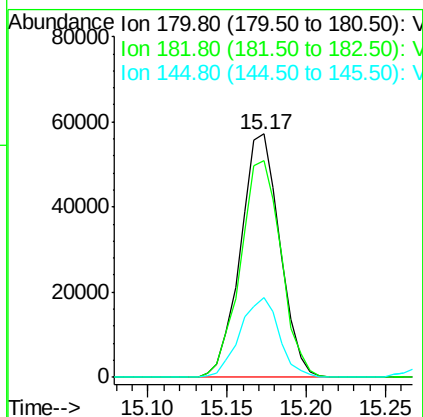
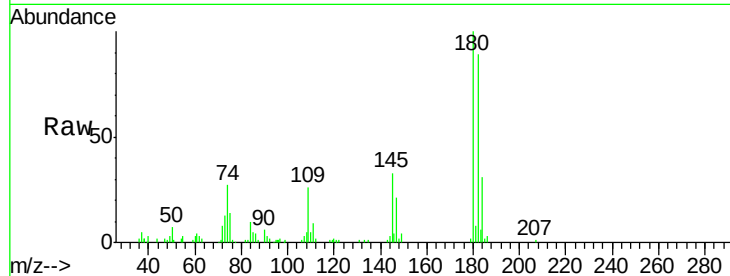
#93
 1,2,4-Trichlorobenzene
 Concen: 21.096 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98703		
182	91.9	47.3	142.0	
145	32.7	16.4	49.1	

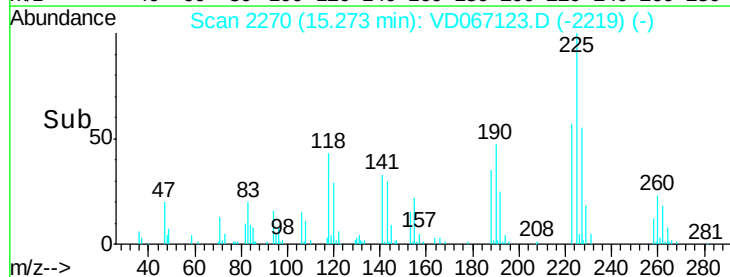
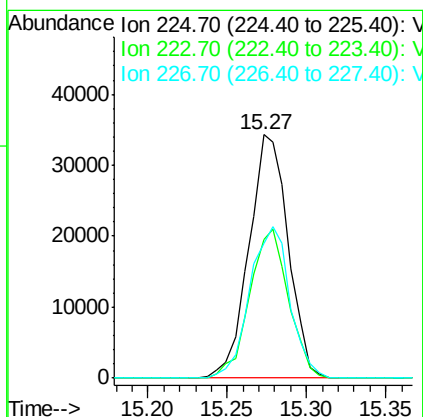
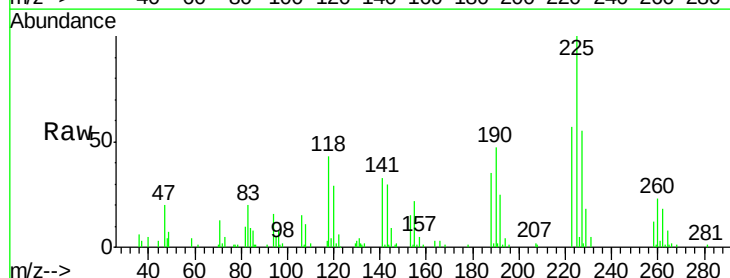
Manual Integrations
 APPROVED

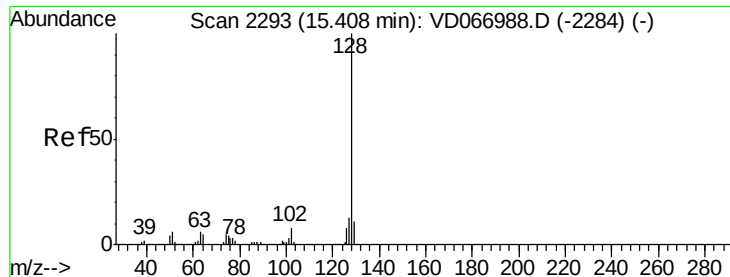
MMDadoda
 10/7/2020 12:10:12 PM



#94
 Hexachlorobutadiene
 Concen: 20.531 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067123.D
 Acq: 06 Oct 2020 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58993		
223	60.6	32.4	97.0	
227	63.9	31.6	95.0	





#95

Naphthalene

Concen: 20.628 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Instrument :

MSVOA_D

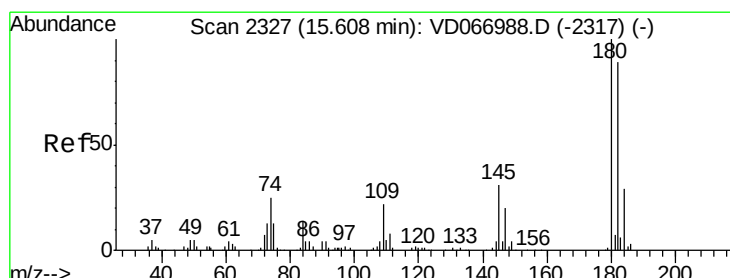
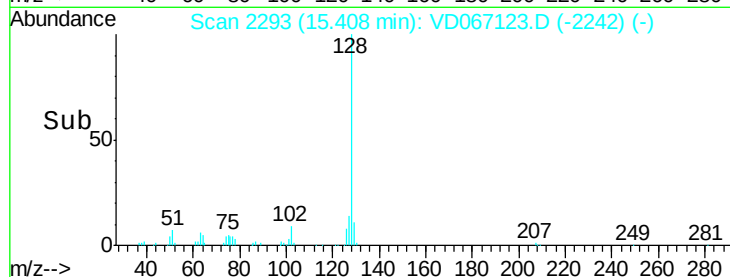
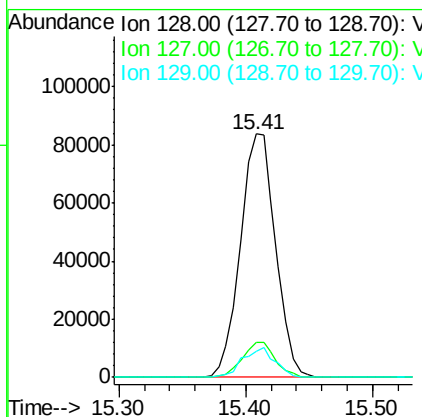
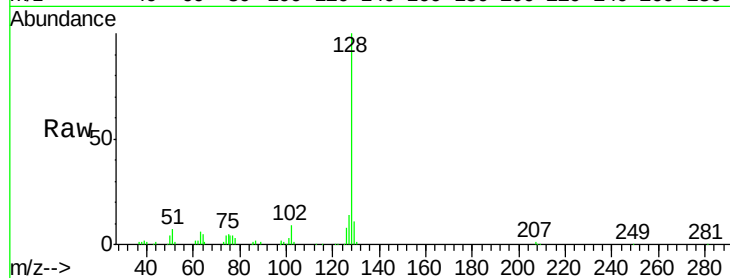
ClientSampleId :

VD1006SBS02

Tot Ion:	128	Resp:	160975
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	11.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:10:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.164 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067123.D

Acq: 06 Oct 2020 23:34

Tgt Ion:	180	Resp:	85956
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.4	139.1
145	34.3	16.6	49.7

