

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066668.D
 Acq On : 14 Sep 2020 12:53
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

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 9/15/2020 2:27:50 PM

Quant Time: Sep 15 01:45:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	389118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	627023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	559825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	227059	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	213126	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.34	98	799369	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.63	95	268892	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78678	22.302	ug/l	95
3) Chloromethane	2.21	50	90658	18.423	ug/l	98
4) Vinyl Chloride	2.35	62	92336	16.918	ug/l	98
5) Bromomethane	2.76	94	65600	15.910	ug/l	92
6) Chloroethane	2.92	64	57200	16.500	ug/l	96
7) Trichlorofluoromethane	3.27	101	160575	19.915	ug/l	95
8) Diethyl Ether	3.71	74	37536	18.488	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88520	20.286	ug/l	97
10) Methyl Iodide	4.30	142	78101	22.066	ug/l	96
11) Tert butyl alcohol	5.22	59	35639	92.394	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	78956	20.140	ug/l	96
13) Acrolein	3.91	56	13863	72.015	ug/l	88
14) Allyl chloride	4.71	41	122676	19.093	ug/l	99
15) Acrylonitrile	5.42	53	84404	96.773	ug/l	99
16) Acetone	4.16	43	79329	91.577	ug/l	94
17) Carbon Disulfide	4.40	76	252274	19.574	ug/l	96
18) Methyl Acetate	4.71	43	39773	19.261	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	175465	19.086	ug/l	99
20) Methylene Chloride	4.96	84	106861	18.461	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	92643	19.900	ug/l	99
22) Diisopropyl ether	6.36	45	261790	19.814	ug/l	98
23) Vinyl Acetate	6.31	43	714894	95.080	ug/l	98
24) 1,1-Dichloroethane	6.26	63	164594	19.810	ug/l	99
25) 2-Butanone	7.21	43	106885	91.917	ug/l	96
26) 2,2-Dichloropropane	7.21	77	151108	19.827	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	100503	20.075	ug/l	97
28) Bromochloromethane	7.54	49	57600	18.007	ug/l	96
29) Tetrahydrofuran	7.56	42	67031	92.557	ug/l	99
30) Chloroform	7.71	83	173840	19.777	ug/l	96
31) Cyclohexane	7.98	56	151532	19.729	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	161839	19.583	ug/l	97
36) 1,1-Dichloropropene	8.11	75	129833	19.897	ug/l	99
37) Ethyl Acetate	7.29	43	52080	20.043	ug/l	100
38) Carbon Tetrachloride	8.09	117	142615	20.677	ug/l	92

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Quant Time: Sep 15 01:45:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	149431	20.508	ug/l	98
40) Benzene	8.35	78	361542	20.230	ug/l	99
41) Methacrylonitrile	7.52	41	21733m	17.279	ug/l	
42) 1,2-Dichloroethane	8.42	62	112148	19.368	ug/l	99
43) Isopropyl Acetate	8.45	43	90669	18.208	ug/l	97
44) Trichloroethene	9.11	130	98580	21.029	ug/l	98
45) 1,2-Dichloropropane	9.38	63	89740	19.967	ug/l	93
46) Dibromomethane	9.47	93	48784	19.674	ug/l	98
47) Bromodichloromethane	9.66	83	135296	20.168	ug/l	97
48) Methyl methacrylate	9.45	41	44281	17.586	ug/l	92
49) 1,4-Dioxane	9.46	88	10994	404.144	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	236896	94.331	ug/l	100
52) Toluene	10.40	92	231493	20.463	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	118619	20.030	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	141220	19.857	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	66605	20.891	ug/l	97
56) Ethyl methacrylate	10.66	69	72119	19.428	ug/l	98
57) 1,3-Dichloropropane	10.94	76	111699	20.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	189077	111.360	ug/l	98
59) 2-Hexanone	10.98	43	161057	95.367	ug/l	98
60) Dibromochloromethane	11.14	129	86426	20.500	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60912	19.638	ug/l	98
64) Tetrachloroethene	10.87	164	83039	22.030	ug/l	87
65) Chlorobenzene	11.67	112	236190	20.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	90992	20.634	ug/l	98
67) Ethyl Benzene	11.74	91	433662	20.440	ug/l	99
68) m/p-Xylenes	11.86	106	326120	41.398	ug/l	96
69) o-Xylene	12.18	106	148381	21.018	ug/l	99
70) Styrene	12.20	104	259635	21.154	ug/l	99
71) Bromoform	12.36	173	44123	19.854	ug/l #	99
73) Isopropylbenzene	12.48	105	409654	21.148	ug/l	99
74) N-amyl acetate	12.29	43	84178	19.187	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	67907	19.844	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	53544m	21.280	ug/l	
77) Bromobenzene	12.76	156	92291	21.371	ug/l	97
78) n-propylbenzene	12.82	91	493546	21.018	ug/l	99
79) 2-Chlorotoluene	12.91	91	279649	21.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	349037	21.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21384	19.842	ug/l	97
82) 4-Chlorotoluene	13.01	91	298192	21.168	ug/l	100
83) tert-Butylbenzene	13.23	119	284909	21.400	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	348015	21.440	ug/l	97
85) sec-Butylbenzene	13.40	105	405816	21.157	ug/l	100
86) p-Isopropyltoluene	13.52	119	369405	21.397	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	180547	21.059	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	176484	20.509	ug/l	98
89) n-Butylbenzene	13.84	91	347902	20.679	ug/l	100
90) Hexachloroethane	14.11	117	76522	20.571	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	154855	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10644	18.310	ug/l	93

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ClientSampleId :
VD0914SBSD01

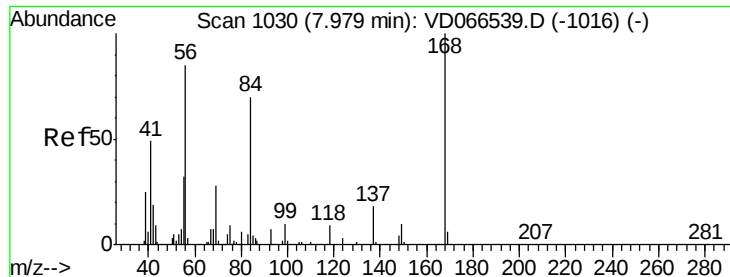
Manual Integrations
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9/15/2020 2:27:50 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	93010	20.681	ug/l	99
94) Hexachlorobutadiene	15.27	225	56923	21.068	ug/l	97
95) Naphthalene	15.40	128	160211	20.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81597	21.281	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion:168 Resp: 389118

Ion Ratio Lower Upper

168 100

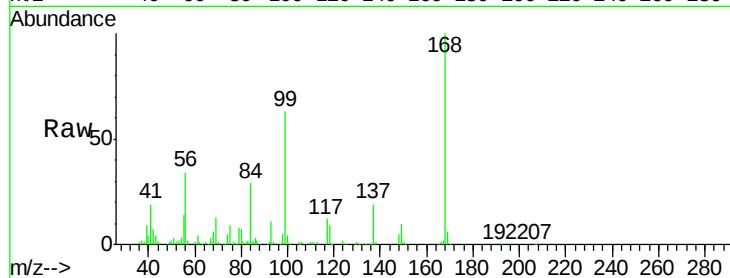
99 62.5 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

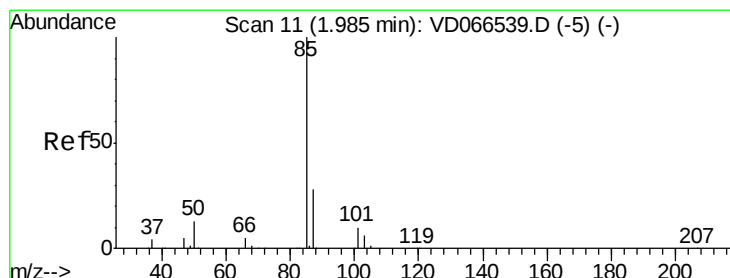
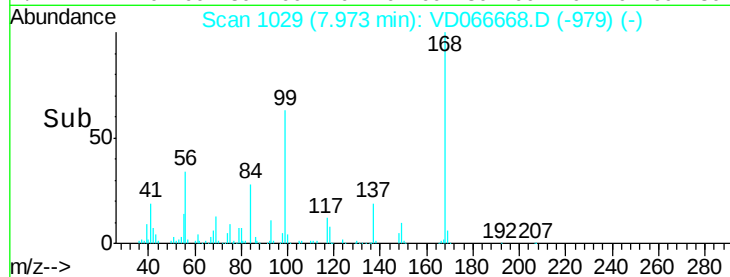
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.302 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066668.D

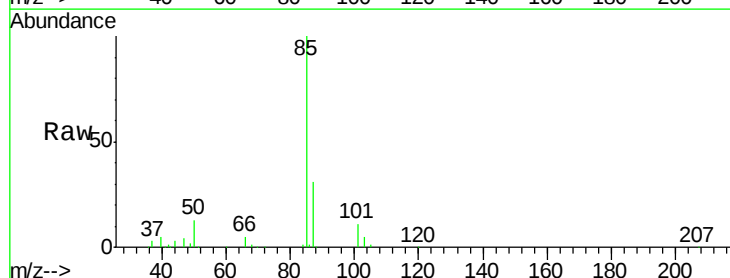
Acq: 14 Sep 2020 12:53

Tgt Ion: 85 Resp: 78678

Ion Ratio Lower Upper

85 100

87 31.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

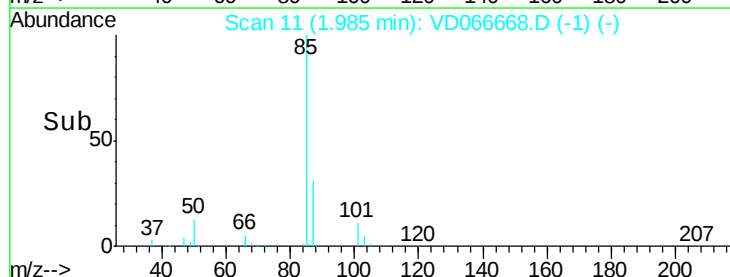
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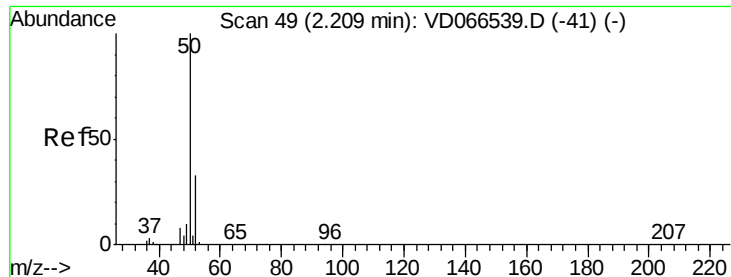
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20000

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Time-->





#3

Chloromethane

Concen: 18.423 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 50 Resp: 90658

Ion Ratio Lower Upper

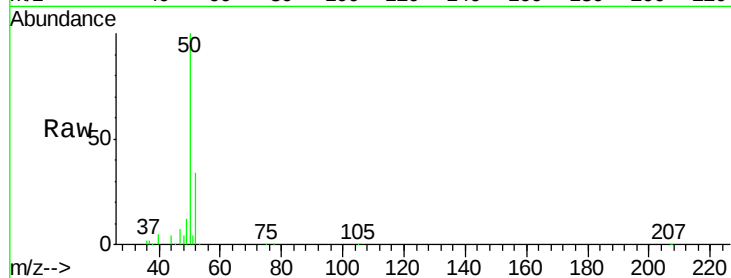
50 100

52 33.7 26.2 39.2

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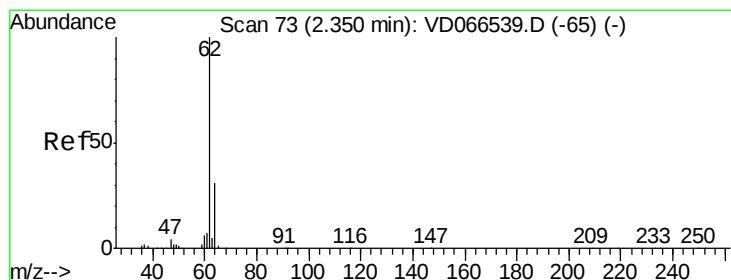
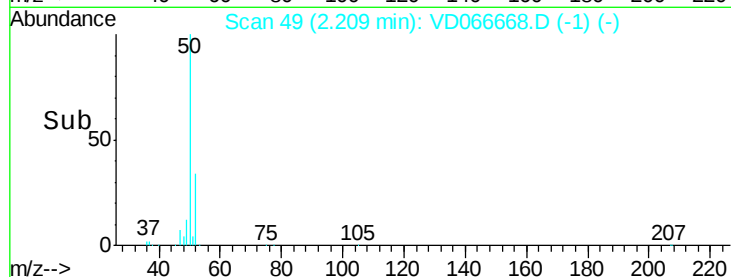
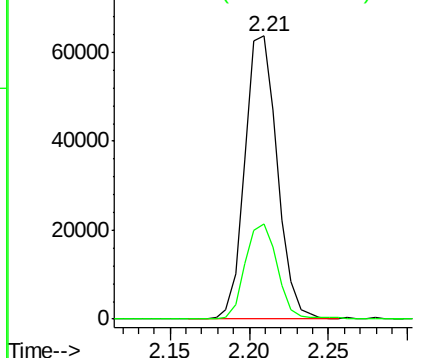
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 16.918 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066668.D

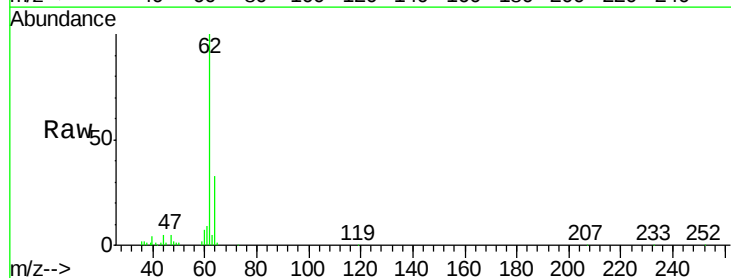
Acq: 14 Sep 2020 12:53

Tgt Ion: 62 Resp: 92336

Ion Ratio Lower Upper

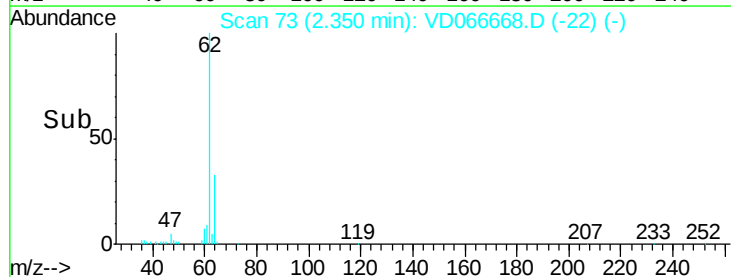
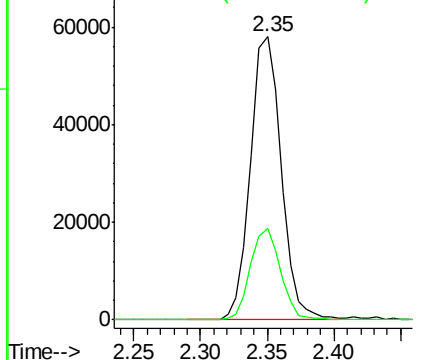
62 100

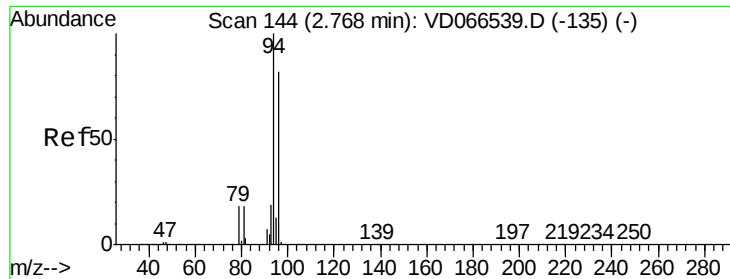
64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 15.910 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 94 Resp: 65600

Ion Ratio Lower Upper

94 100

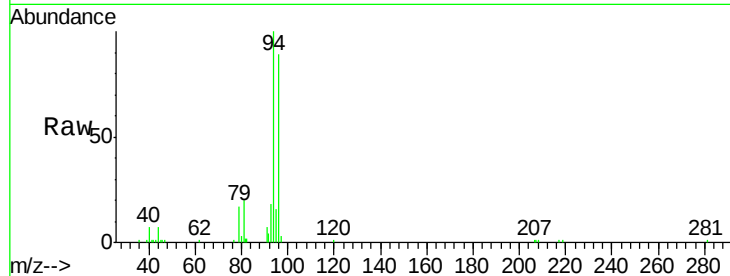
96 88.5 65.2 97.8

Manual Integrations

APPROVED

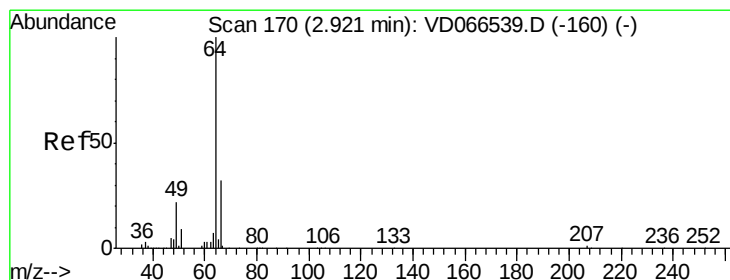
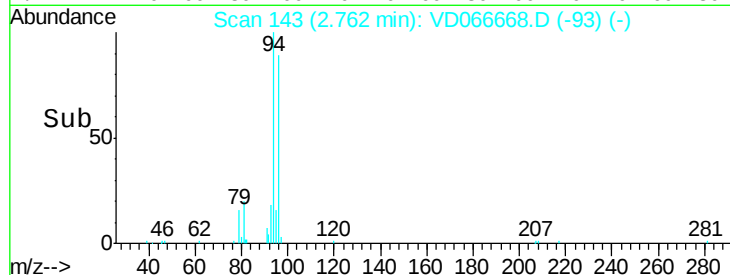
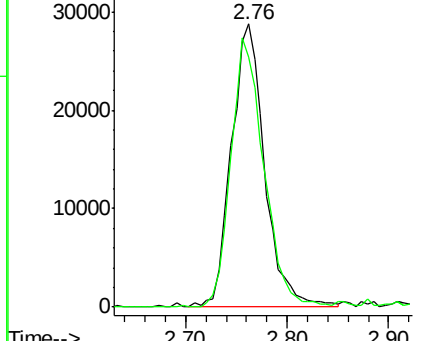
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 16.500 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066668.D

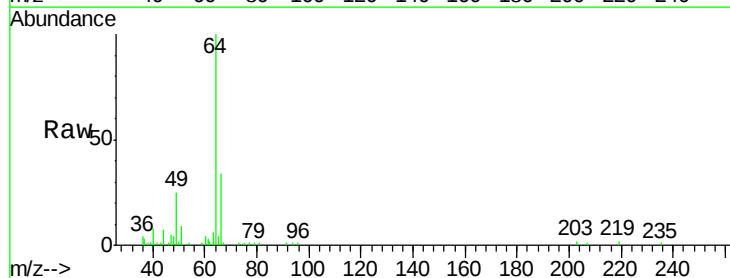
Acq: 14 Sep 2020 12:53

Tgt Ion: 64 Resp: 57200

Ion Ratio Lower Upper

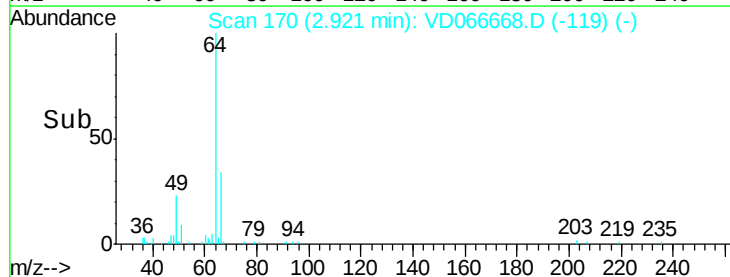
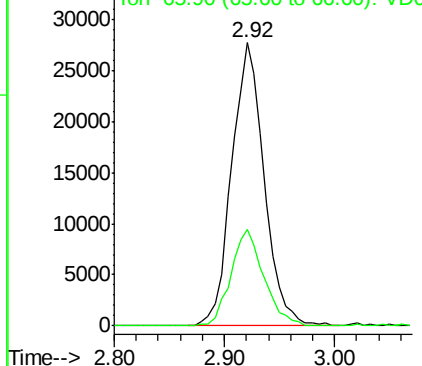
64 100

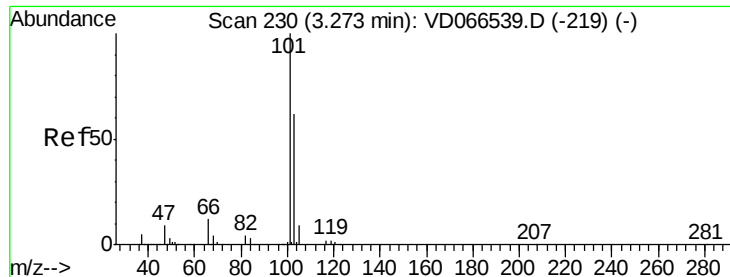
66 34.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

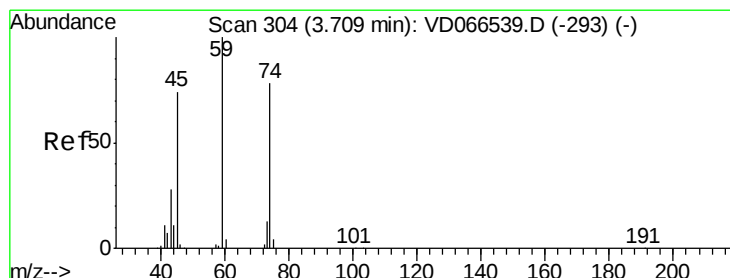
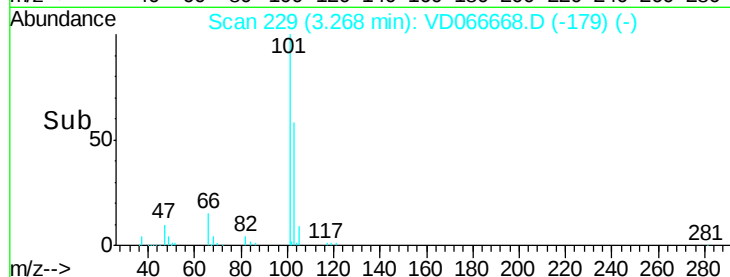
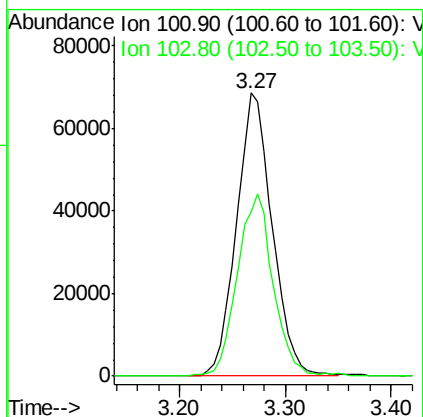
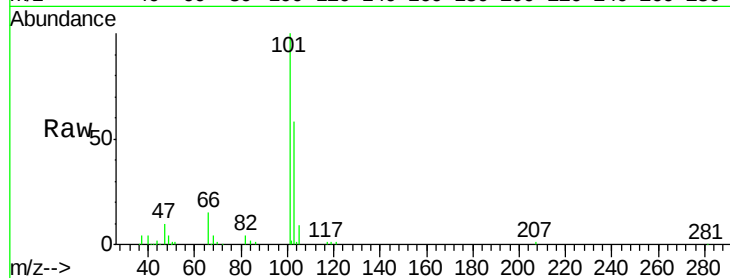
Trichlorofluoromethane
 Concen: 19.915 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

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 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	160575		
103	58.2		49.7	74.5

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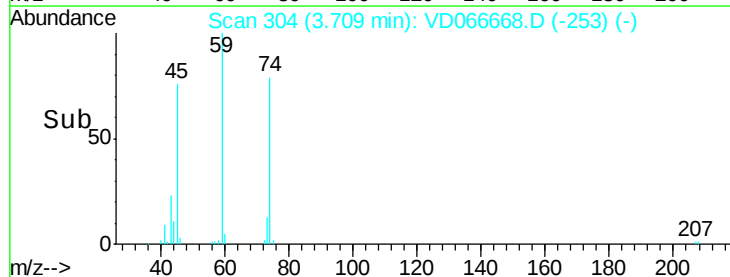
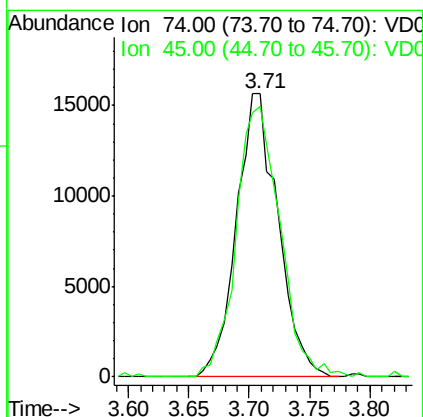
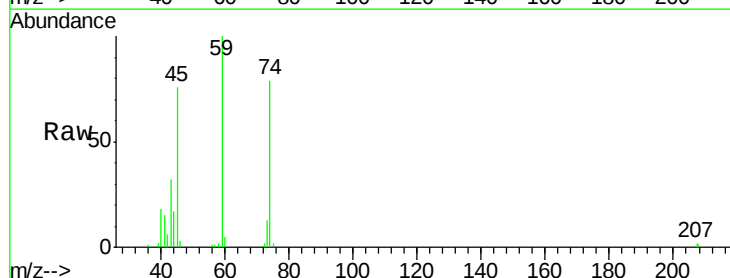
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 9/15/2020 2:27:50 PM

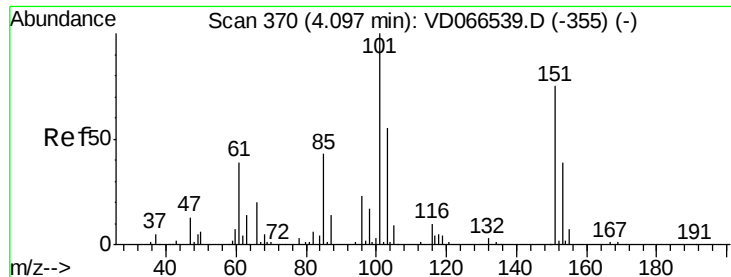


#8

Diethyl Ether
 Concen: 18.488 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37536		
45	101.0		49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.286 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066668.D

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Instrument :

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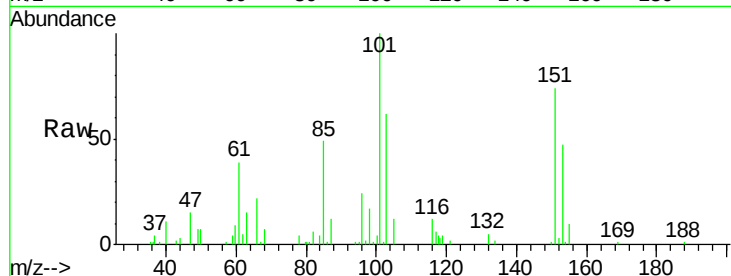
ClientSampleId :

VD0914SBS01

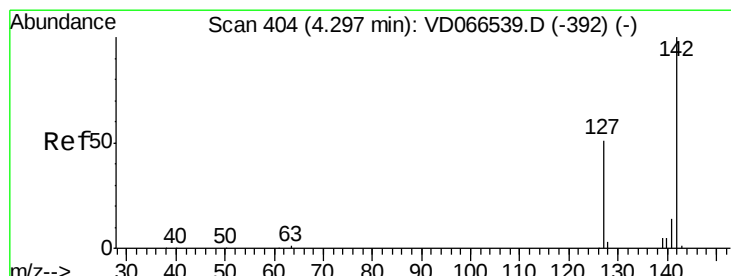
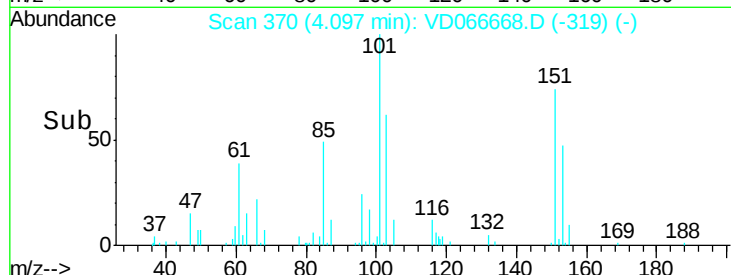
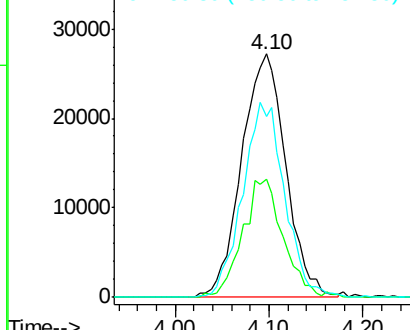
Tot Ion:	101	Resp:	88520
Ion Ratio	Lower	Upper	
101	100		
85	44.3	37.0	55.6
151	76.3	59.4	89.2

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



#10

Methyl Iodide

Concen: 22.066 ug/l

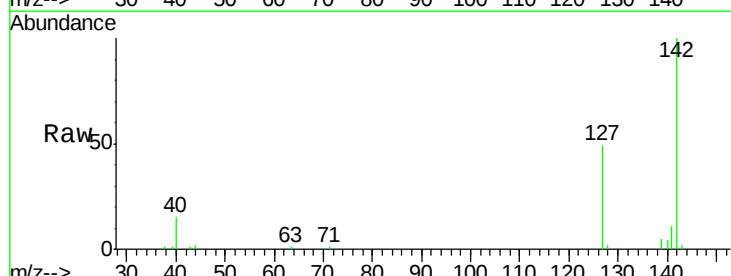
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

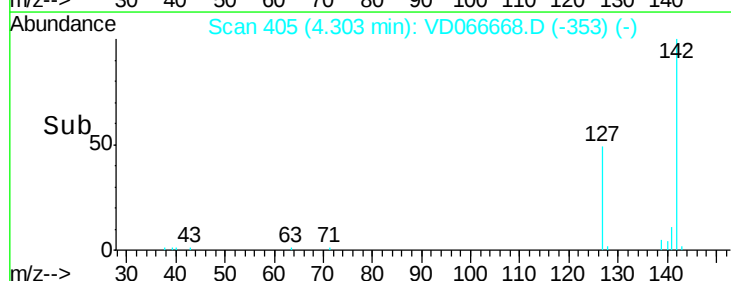
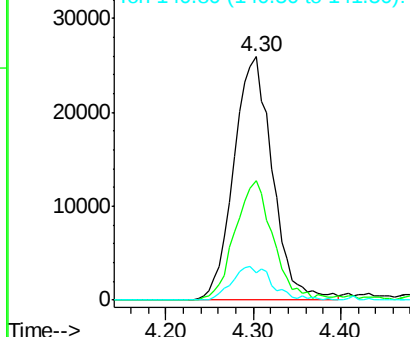
Lab File: VD066668.D

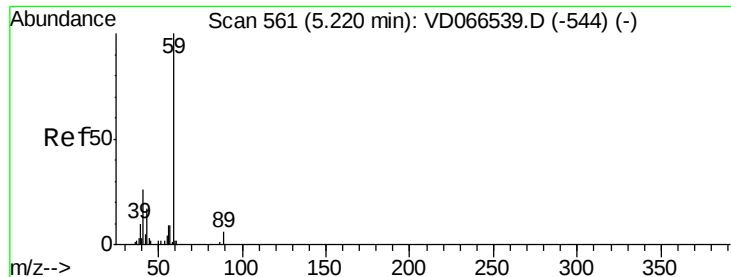
Acq: 14 Sep 2020 12:53

Tgt Ion:	142	Resp:	78101
Ion Ratio	Lower	Upper	
142	100		
127	48.2	40.6	61.0
141	13.8	12.2	18.4



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





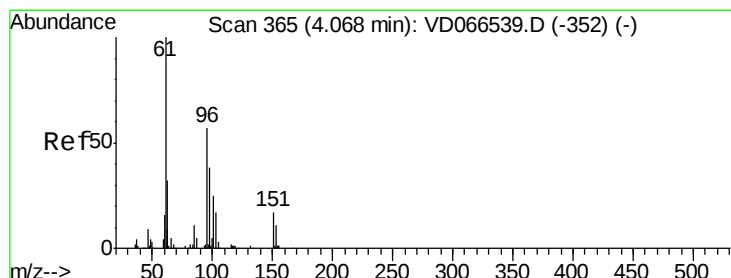
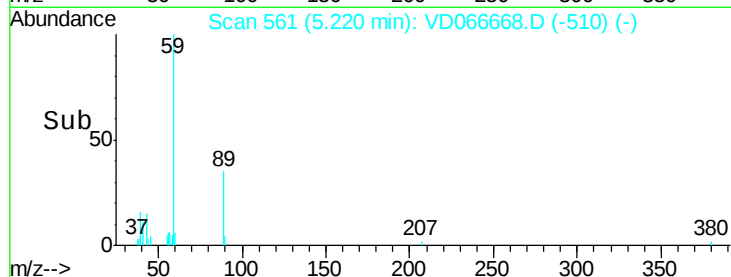
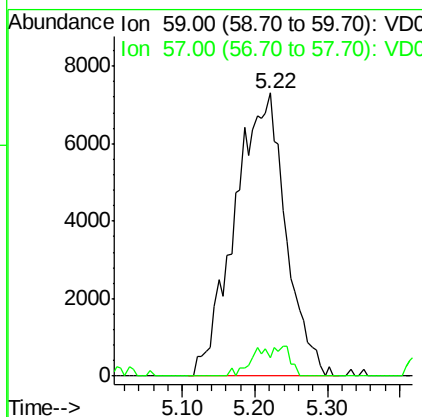
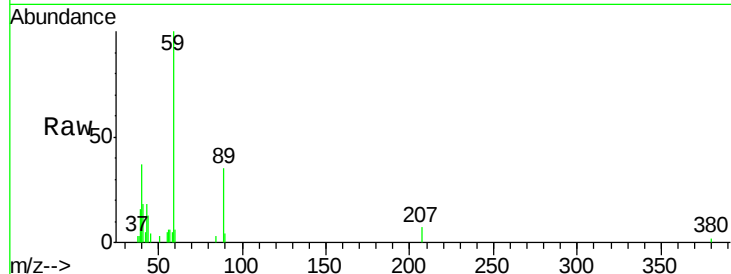
#11
Tert butyl alcohol
Concen: 92.394 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion: 59 Resp: 35639
Ion Ratio Lower Upper
59 100
57 3.5 7.6 11.4#

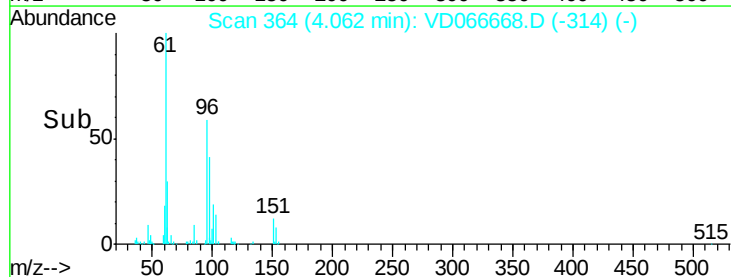
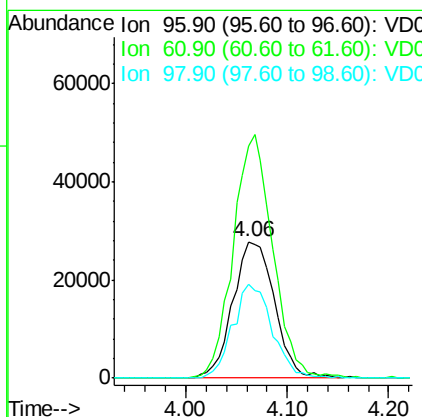
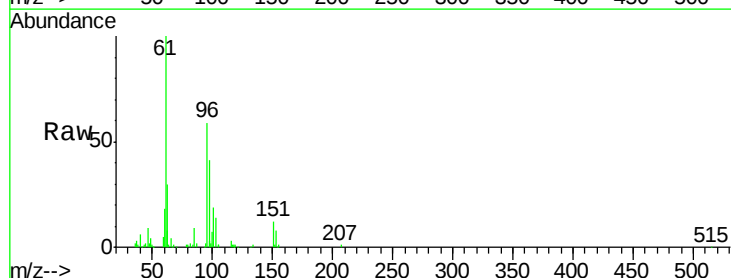
Manual Integrations
APPROVED

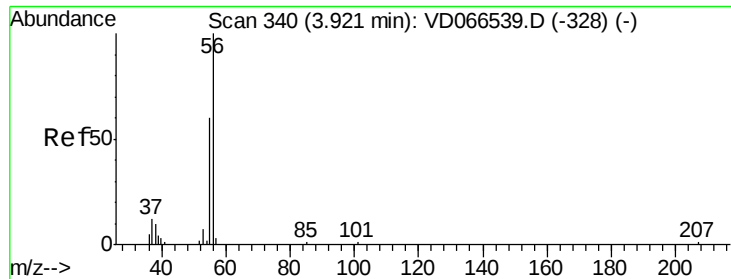
MMDadoda
9/15/2020 2:27:50 PM



#12
1,1-Dichloroethene
Concen: 20.140 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 96 Resp: 78956
Ion Ratio Lower Upper
96 100
61 169.8 140.9 211.3
98 69.1 53.2 79.8





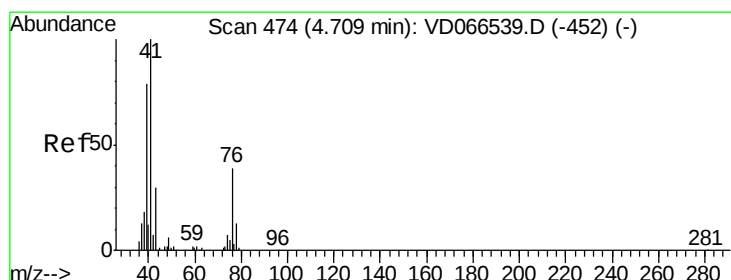
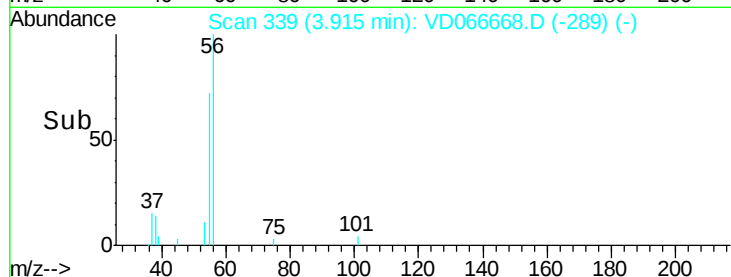
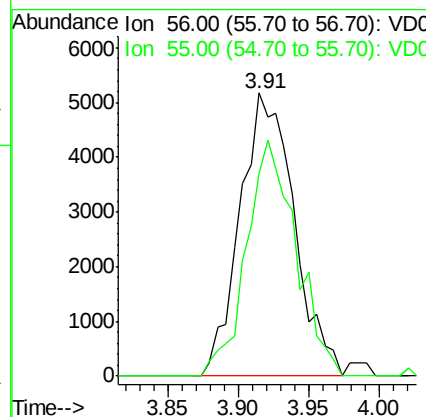
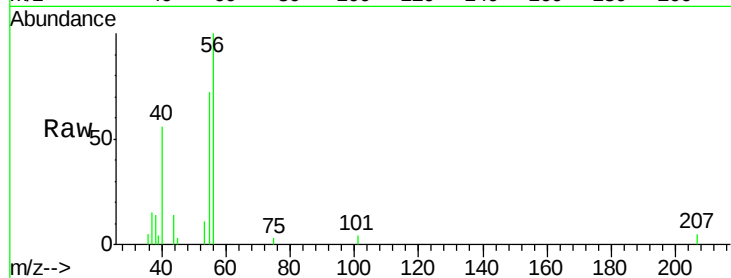
#13
 Acrolein
 Concen: 72.015 ug/l
 RT: 3.91 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	76.6	53.6	80.4

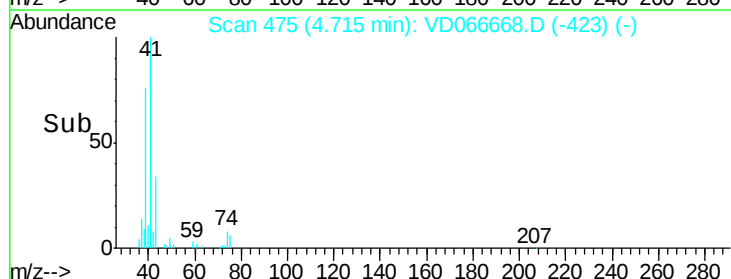
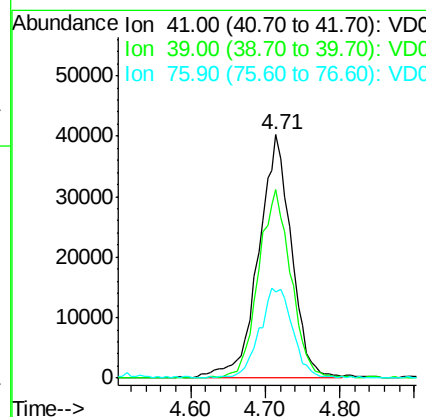
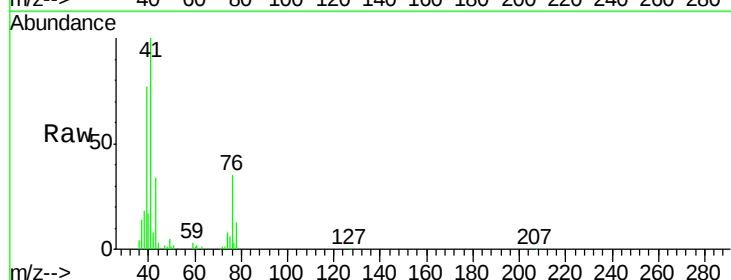
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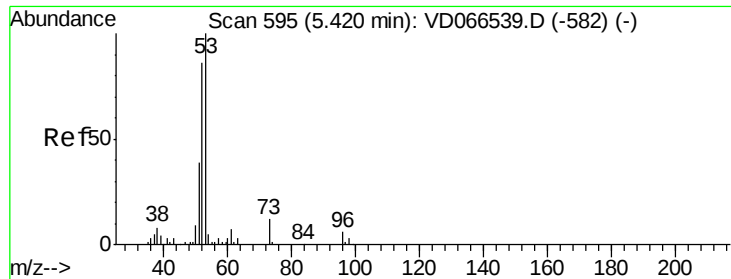
MMDadoda
 9/15/2020 2:27:50 PM



#14
 Allyl chloride
 Concen: 19.093 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.5	61.9	92.9
76	37.1	29.0	43.6





#15

Acrylonitrile

Concen: 96.773 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

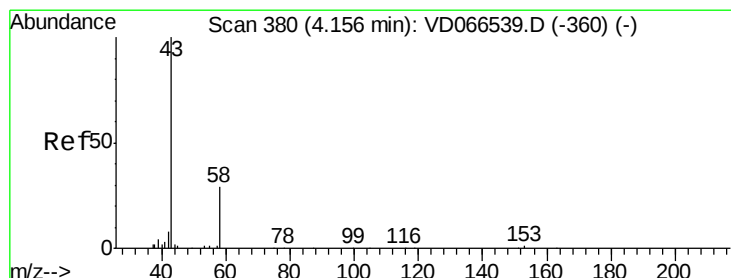
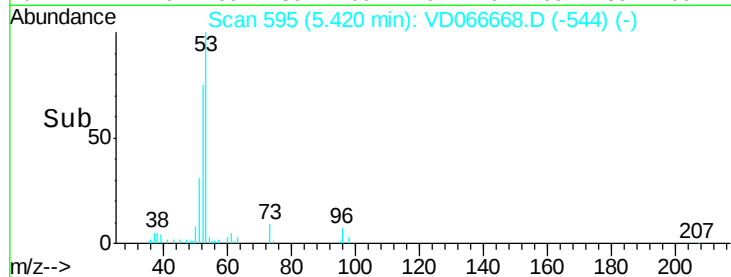
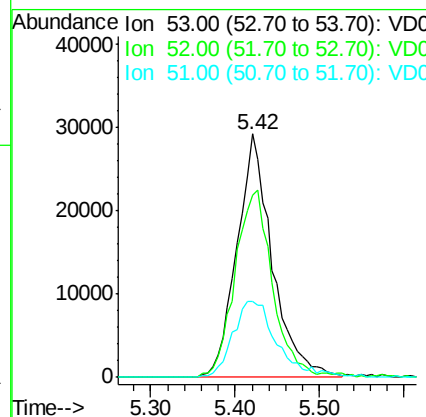
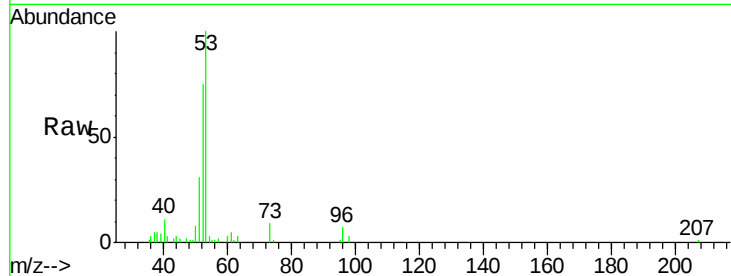
ClientSampleId :

VD0914SBS01

Tot Ion:	53	Resp:	84404
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.4	98.2
51	36.7	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 91.577 ug/l

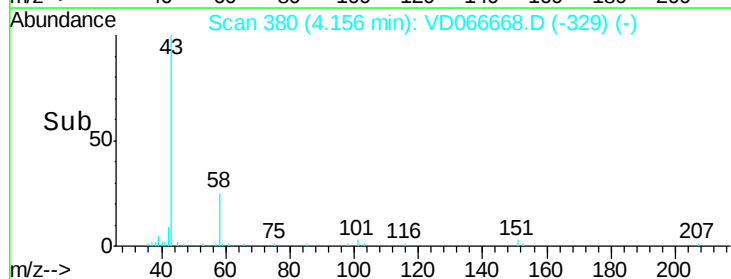
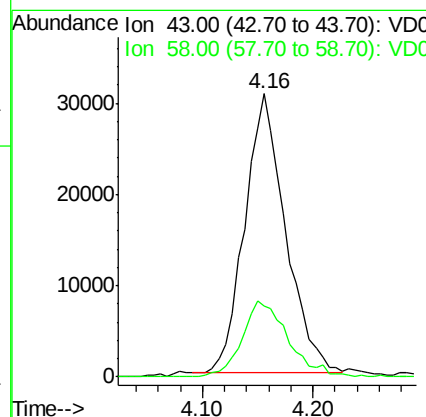
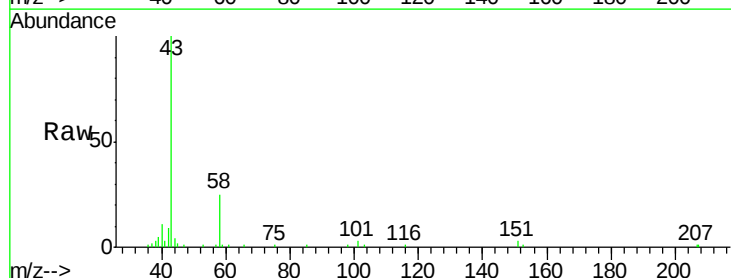
RT: 4.16 min Scan# 380

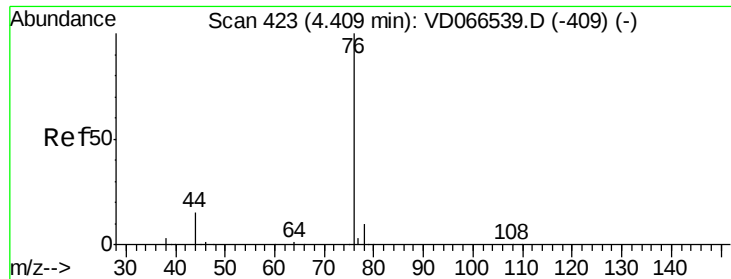
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	43	Resp:	79329
Ion Ratio	Lower	Upper	
43	100		
58	25.2	22.9	34.3





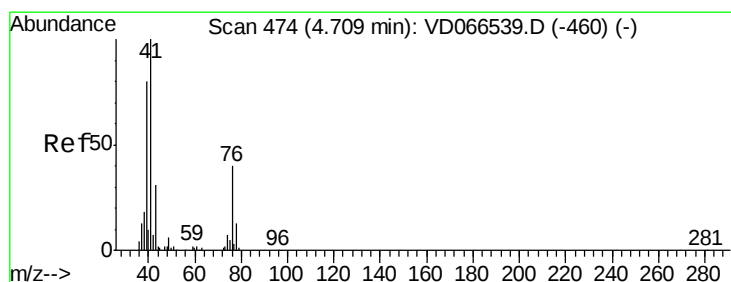
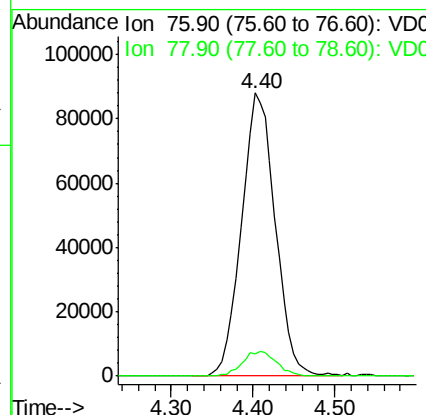
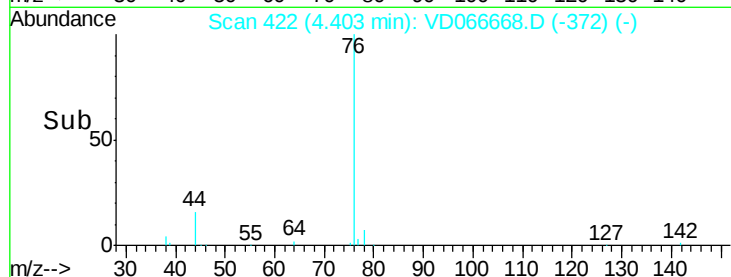
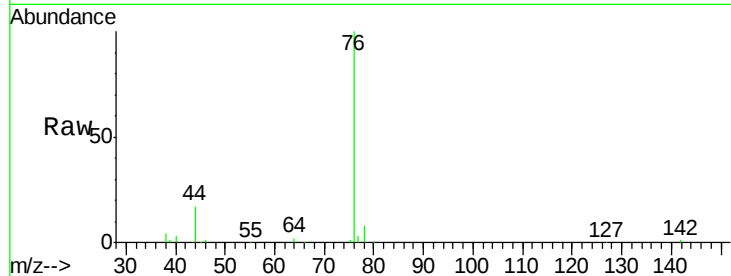
#17
Carbon Disulfide
Concen: 19.574 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.6	11.4

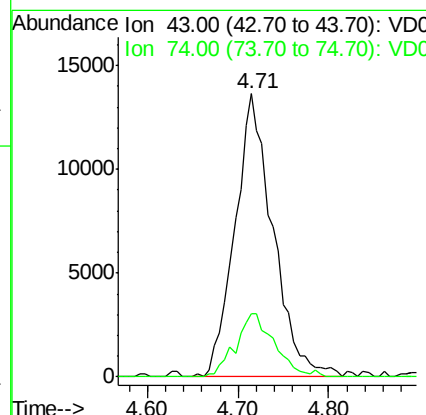
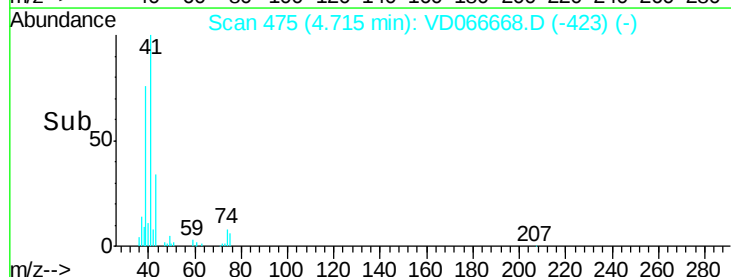
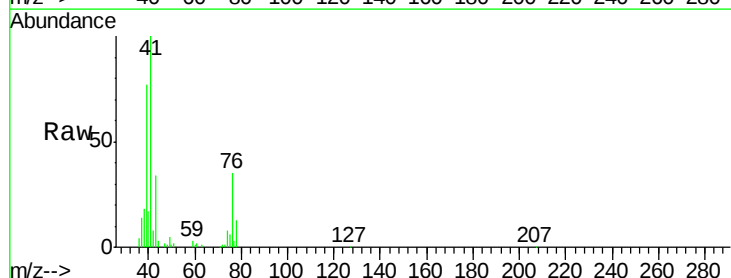
Manual Integrations
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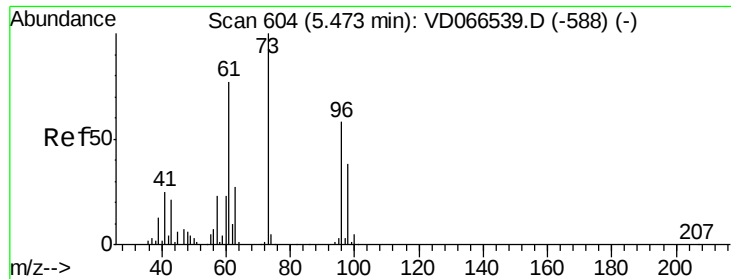
MMDadoda
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#18
Methyl Acetate
Concen: 19.261 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





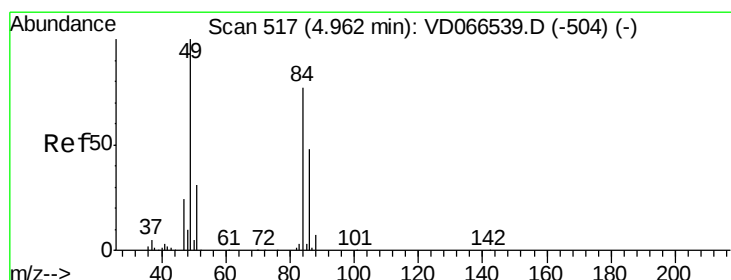
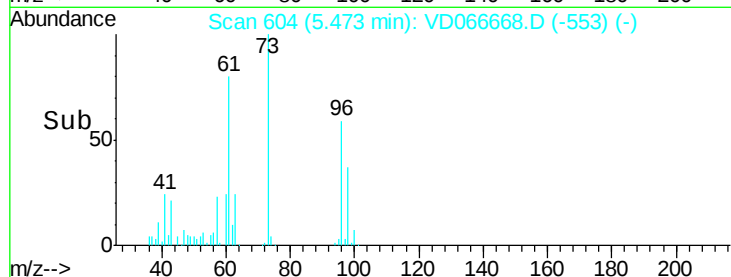
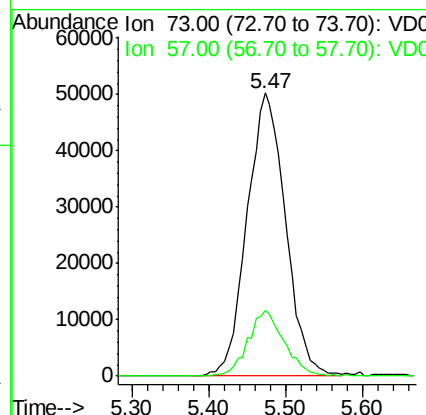
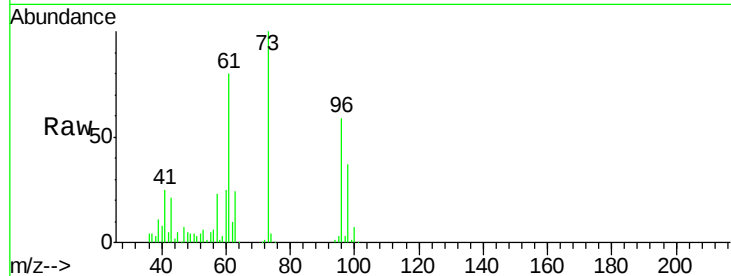
#19
Methyl tert-butyl Ether
Concen: 19.086 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	23.3	18.3	27.5

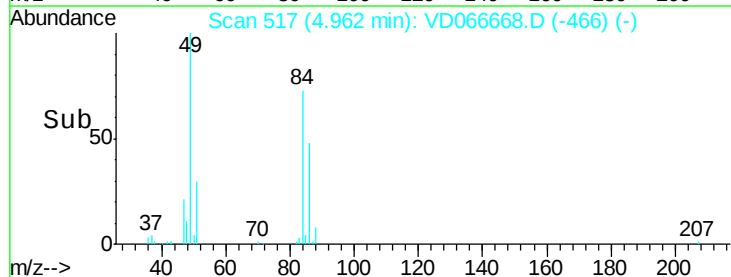
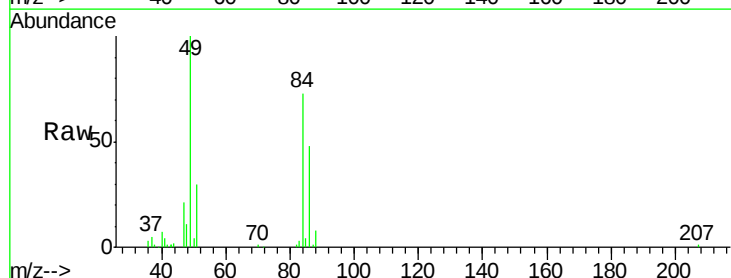
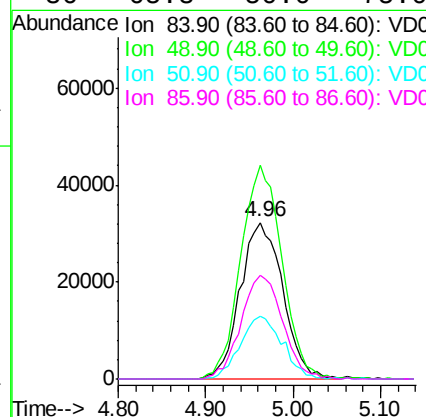
Manual Integrations
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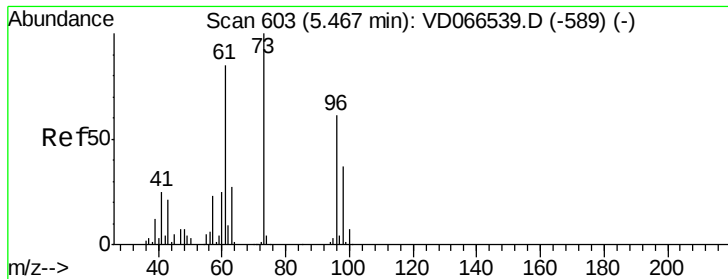
MMDadoda
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#20
Methylene Chloride
Concen: 18.461 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	136.2	104.3	156.5
51	51	40.3	32.2	48.4
86	86	65.8	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 19.900 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBSD01

Tot Ion: 96 Resp: 92643

Ion Ratio Lower Upper

96 100

61 140.2 112.1 168.1

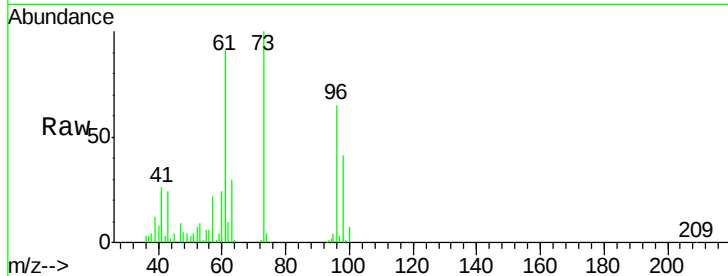
98 62.5 48.6 72.8

Manual Integrations

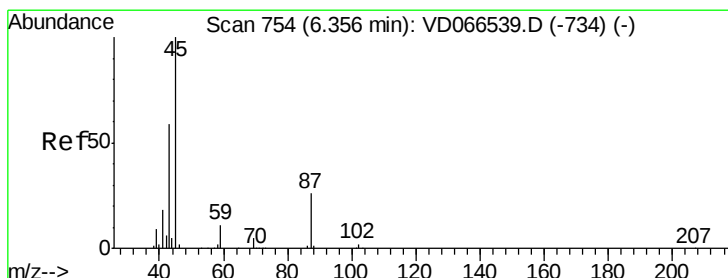
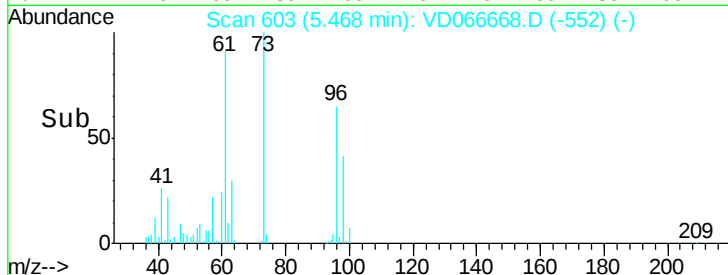
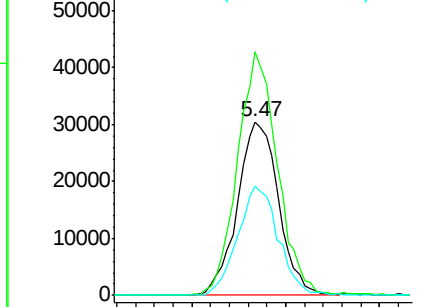
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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.814 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion: 45 Resp: 261790

Ion Ratio Lower Upper

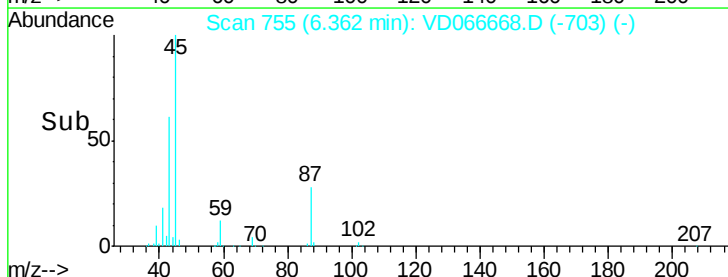
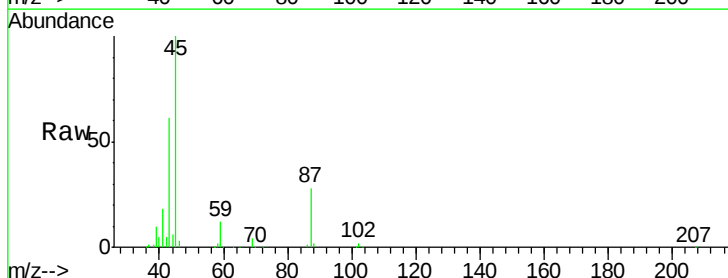
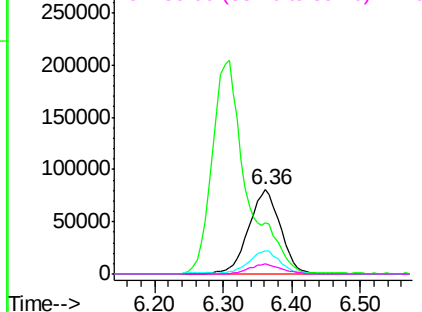
45 100

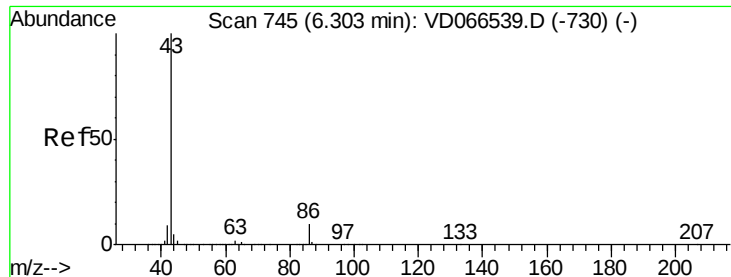
43 60.2 47.0 70.4

87 27.6 21.3 31.9

59 11.6 8.7 13.1

Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 95.080 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 43 Resp: 714894

Ion Ratio Lower Upper

43 100

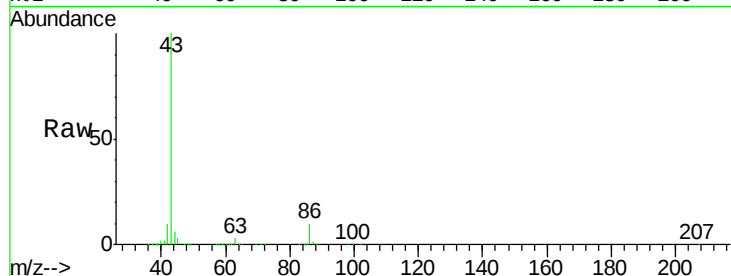
86 10.2 7.7 11.5

Manual Integrations

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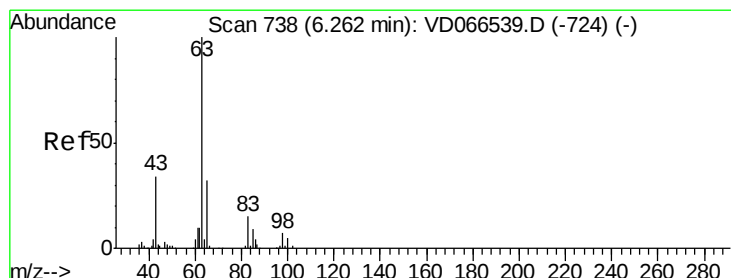
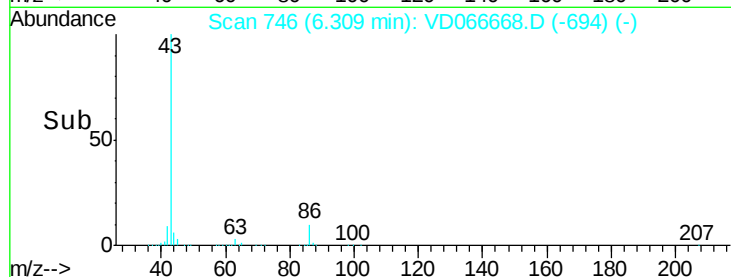
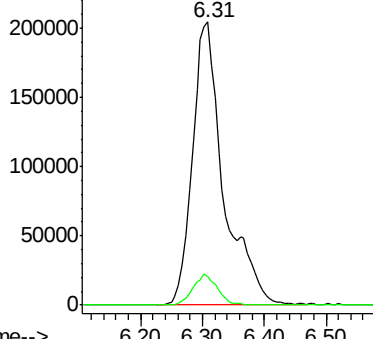
MMDadoda

9/15/2020 2:27:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.810 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

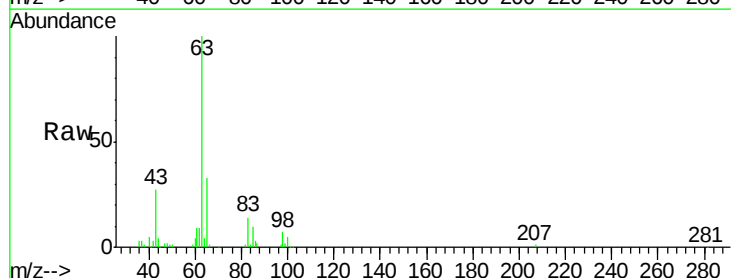
Tgt Ion: 63 Resp: 164594

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

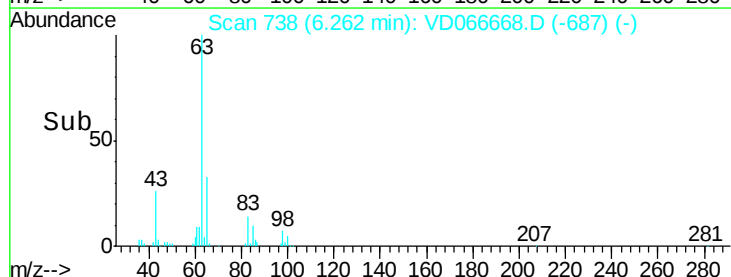
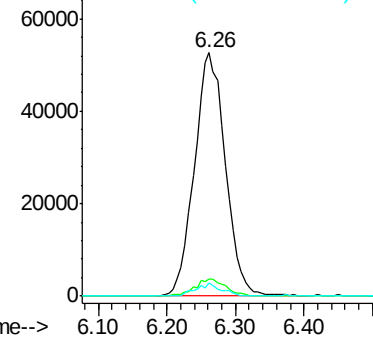
100 5.2 2.5 7.4

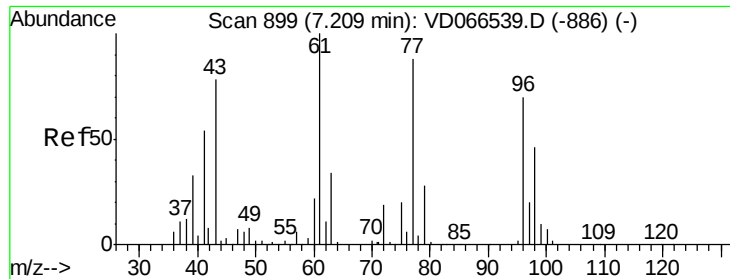


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





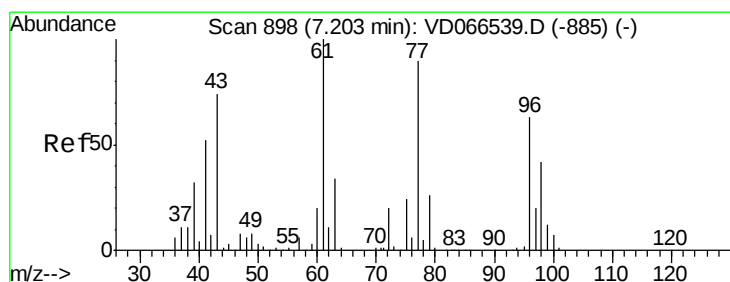
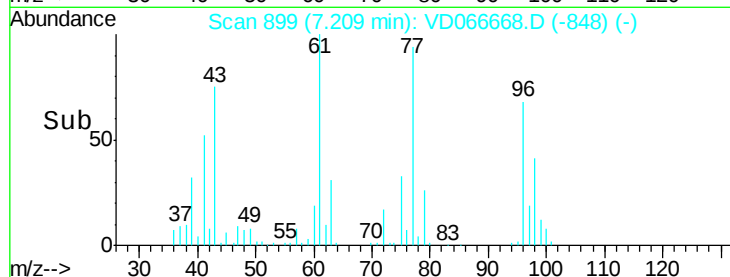
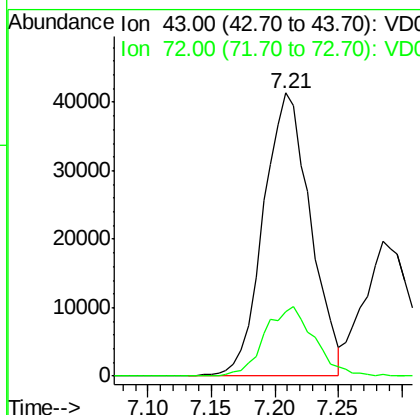
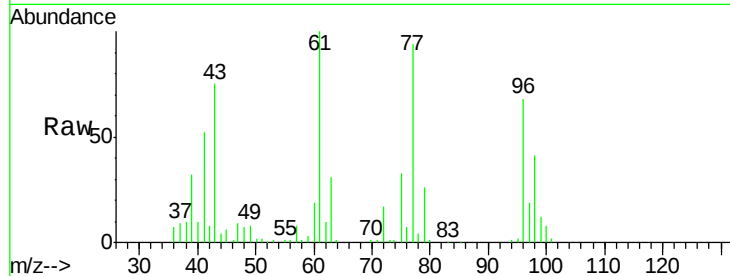
#25
2-Butanone
Concen: 91.917 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion: 43 Resp: 106885
Ion Ratio Lower Upper
43 100
72 22.6 19.8 29.6

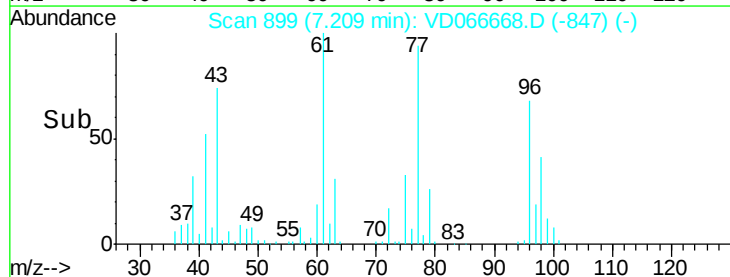
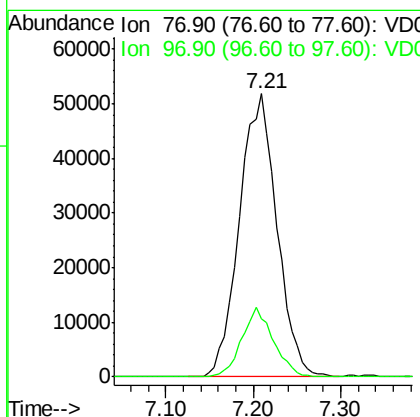
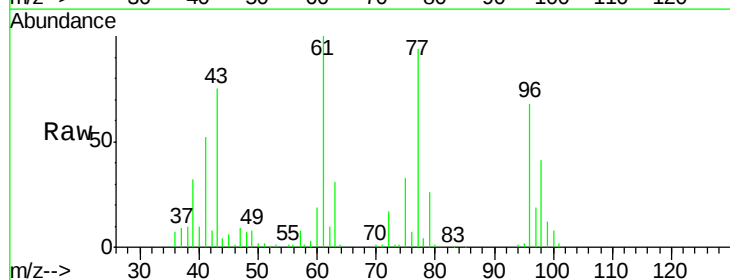
Manual Integrations
APPROVED

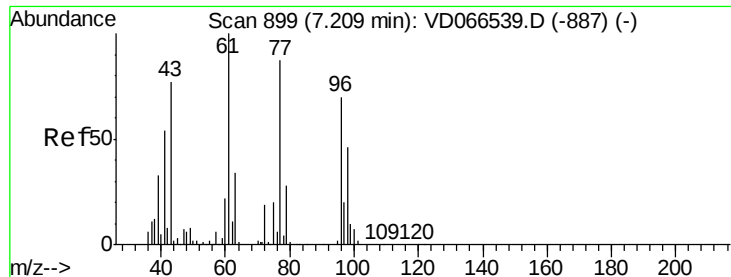
MMDadoda
9/15/2020 2:27:50 PM



#26
2,2-Dichloropropane
Concen: 19.827 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 77 Resp: 151108
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.3





#27

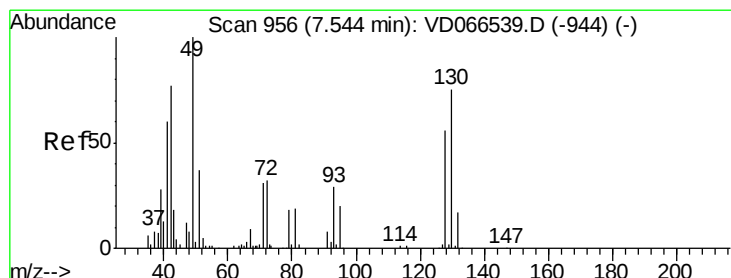
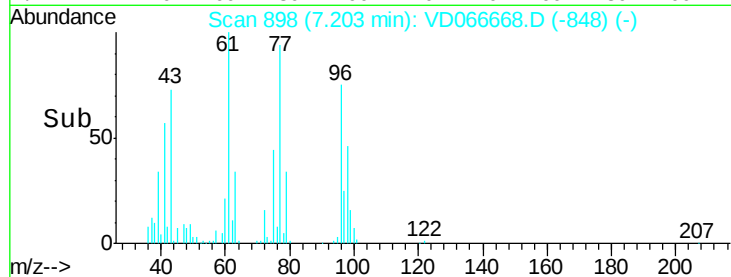
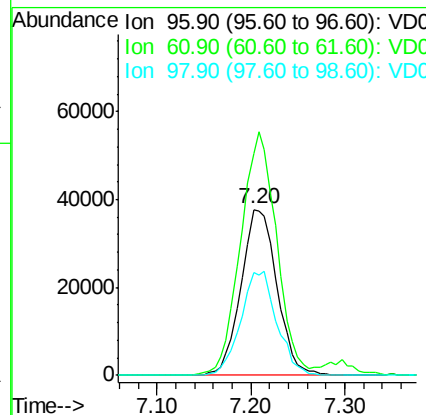
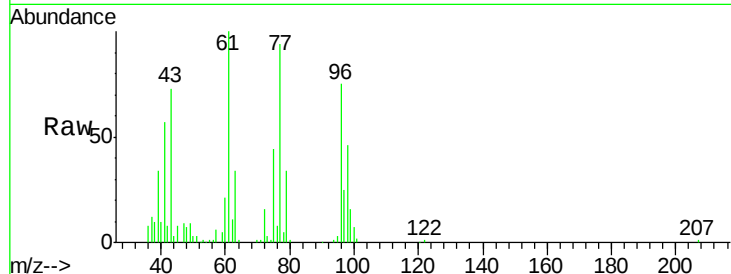
cis-1,2-Dichloroethene
 Concen: 20.075 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100503		
61	146.3		0.0	301.0
98	62.5		0.0	129.8

Manual Integrations
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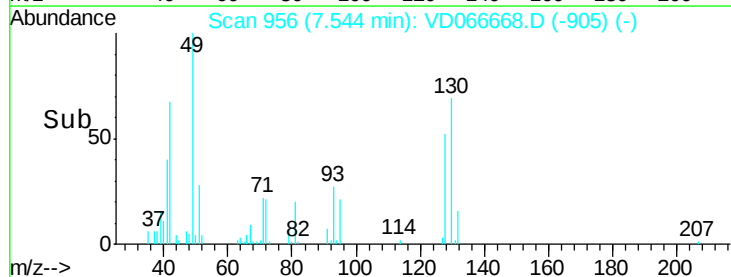
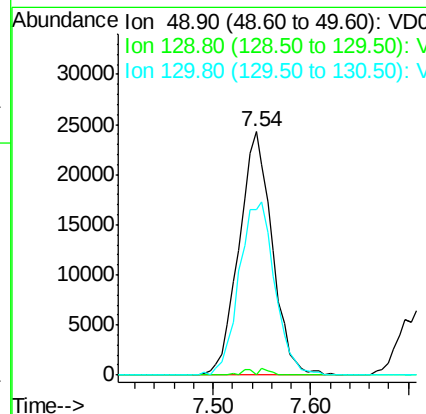
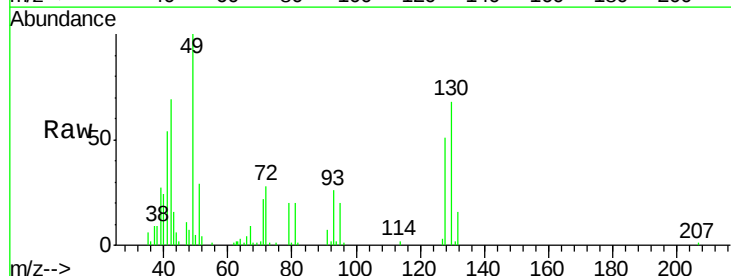
MMDadoda
 9/15/2020 2:27:50 PM

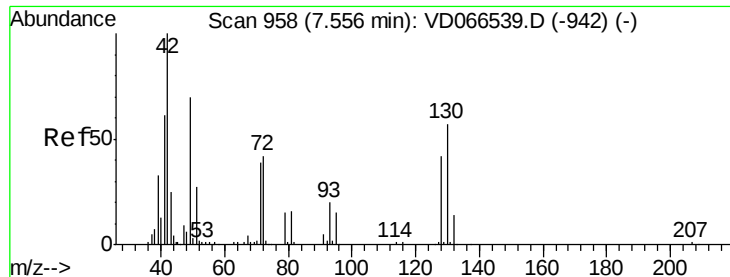


#28

Bromochloromethane
 Concen: 18.007 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	57600		
129	0.9		0.0	2.6
130	76.2		58.2	87.2





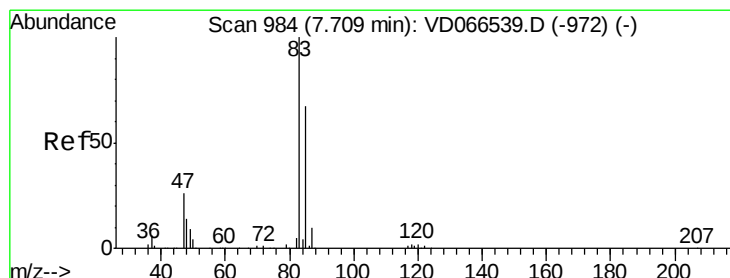
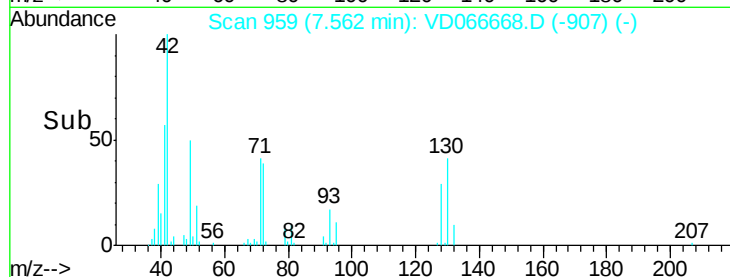
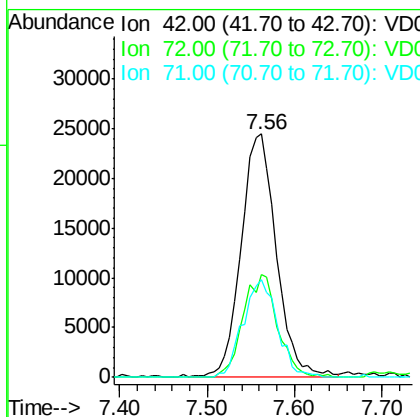
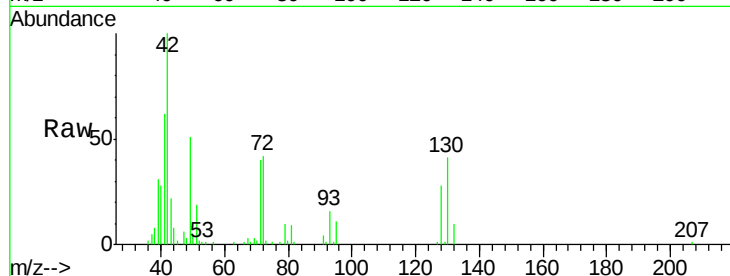
#29
Tetrahydrofuran
Concen: 92.557 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.4	50.0
71	39.1	31.9	47.9

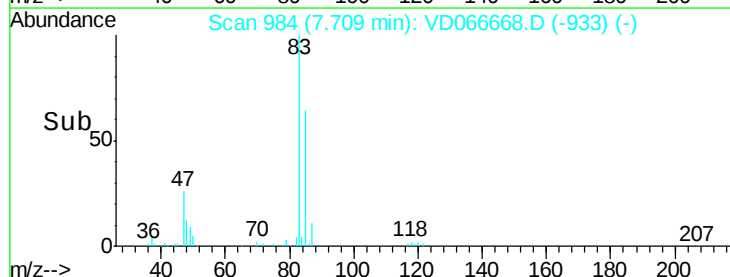
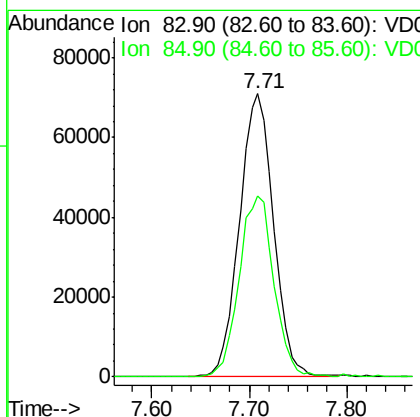
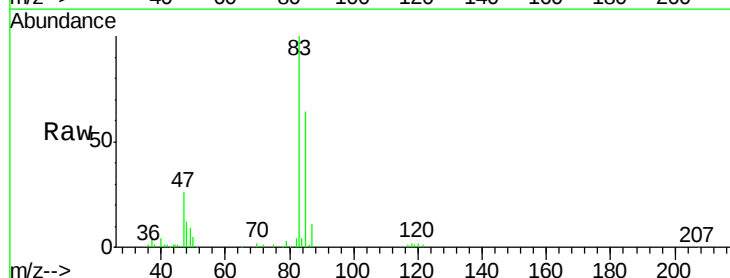
Manual Integrations
APPROVED

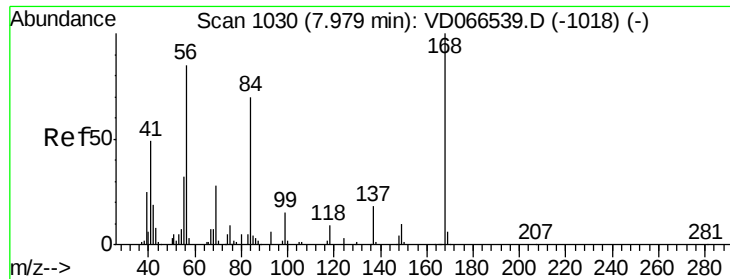
MMDadoda
9/15/2020 2:27:50 PM



#30
Chloroform
Concen: 19.777 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.6	80.4





#31

Cyclohexane

Concen: 19.729 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

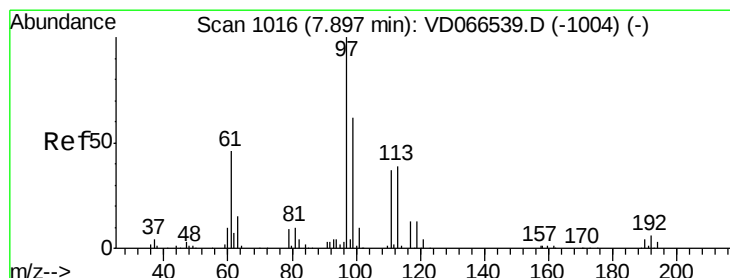
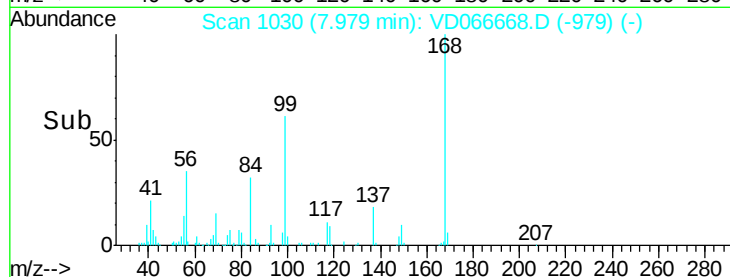
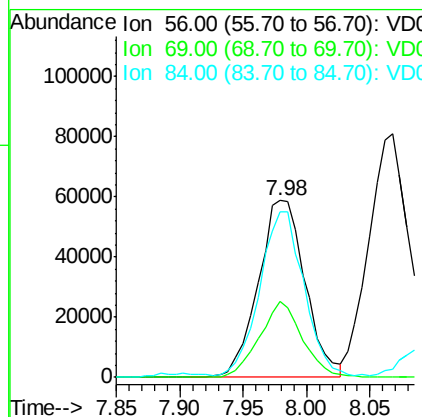
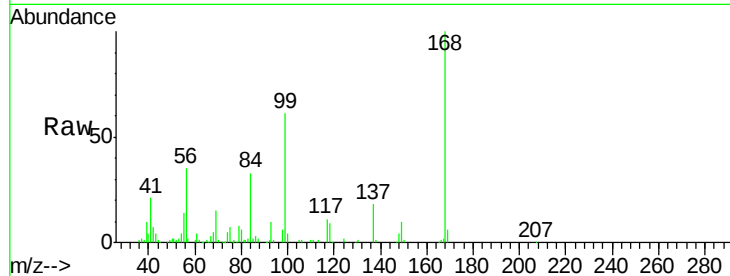
ClientSampleId :

VD0914SBS01

Tot Ion:	56	Resp:	151532
Ion Ratio	Lower	Upper	
56	100		
69	43.0	26.3	39.5#
84	92.0	66.1	99.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.583 ug/l

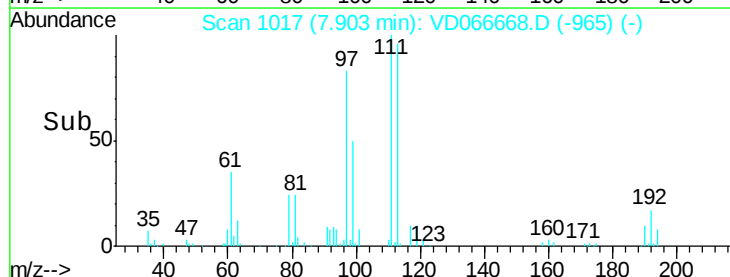
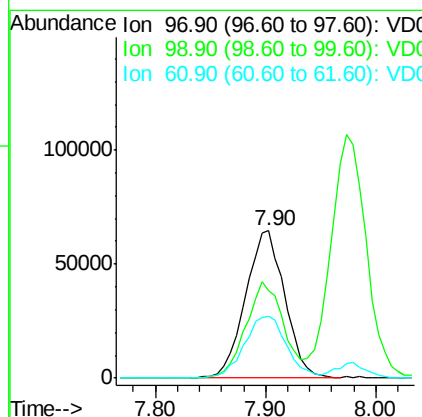
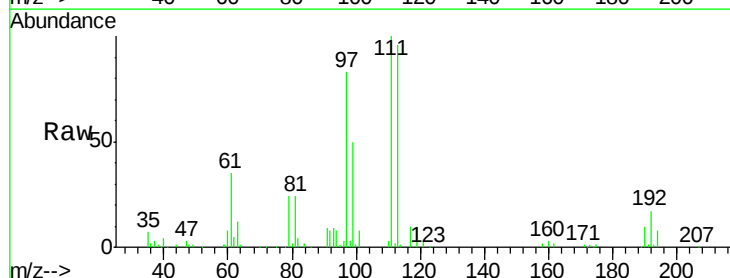
RT: 7.90 min Scan# 1017

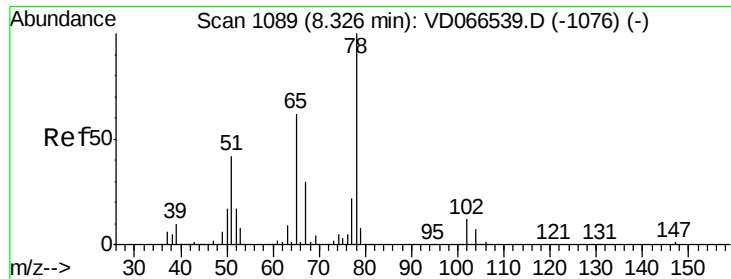
Delta R.T. 0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	97	Resp:	161839
Ion Ratio	Lower	Upper	
97	100		
99	62.1	51.4	77.0
61	44.9	37.4	56.0





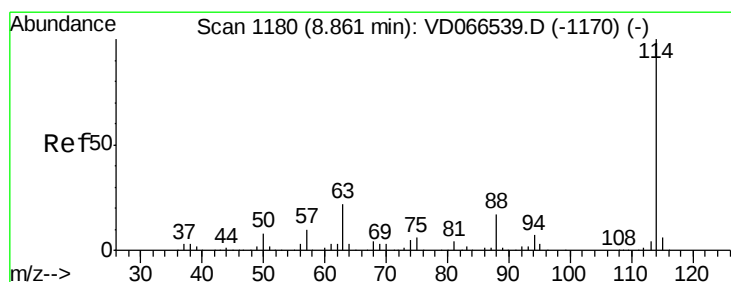
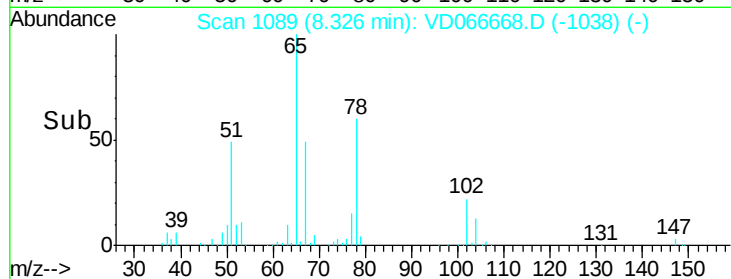
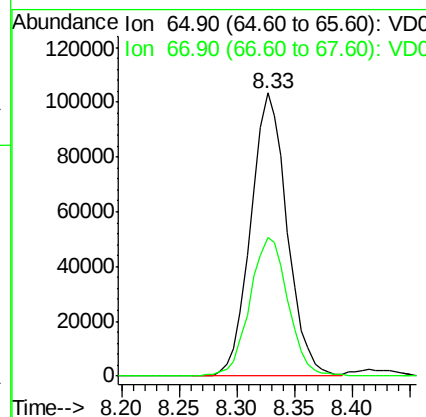
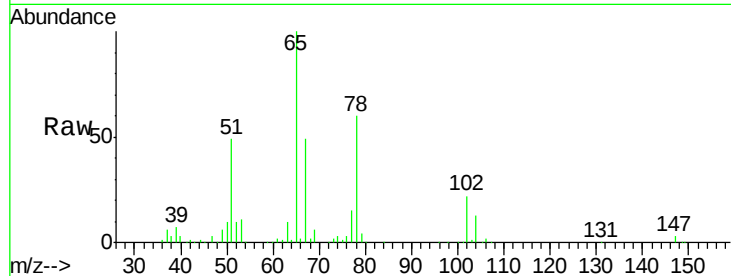
#33
 1,2-Dichloroethane-d4
 Concen: 48.229 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	227059		
67	51.7	0.0	102.8	

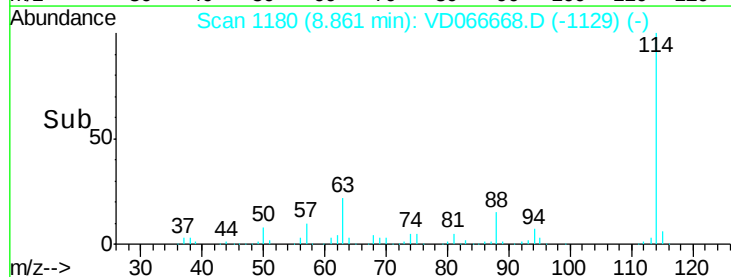
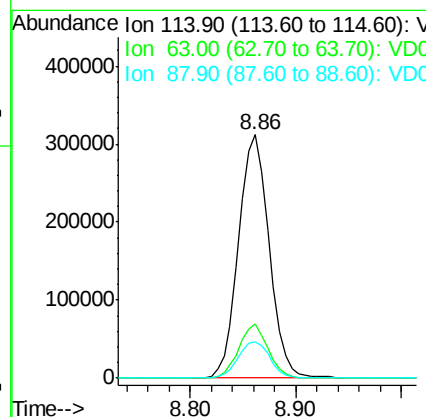
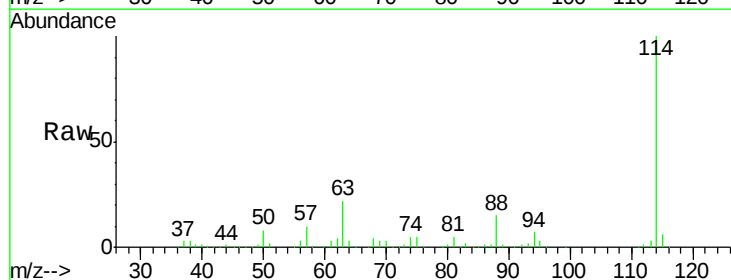
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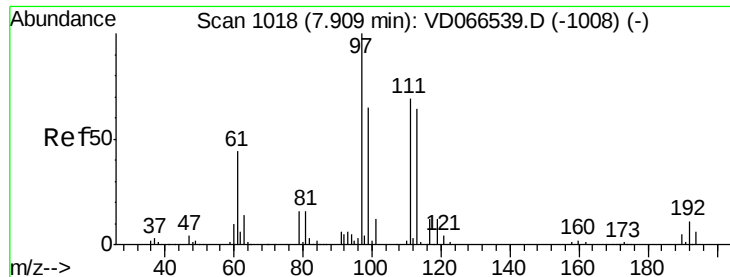
MMDadoda
 9/15/2020 2:27:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	627023		
63	22.0	0.0	43.2	
88	15.1	0.0	33.2	





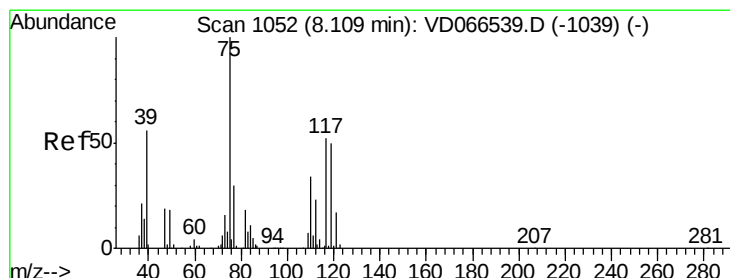
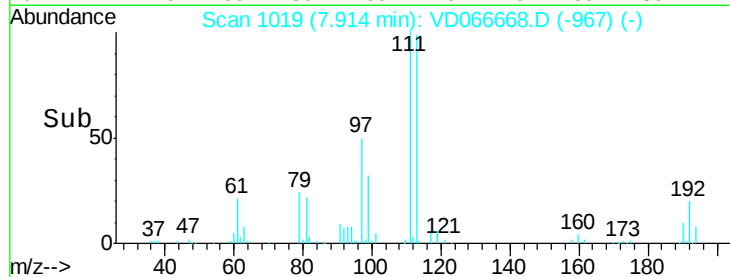
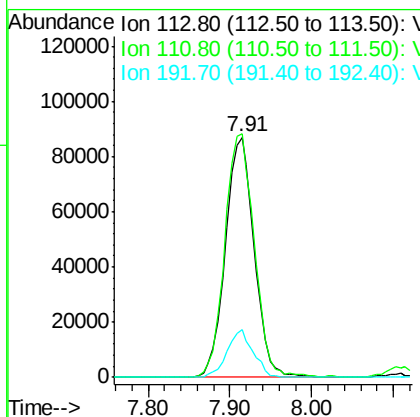
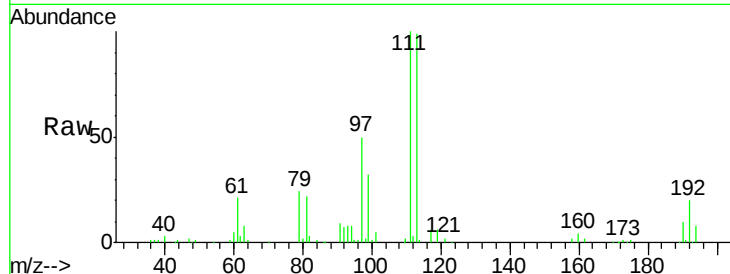
#35
Dibromofluoromethane
Concen: 50.385 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213126		
111	103.7	83.2	124.8	
192	18.2	13.7	20.5	

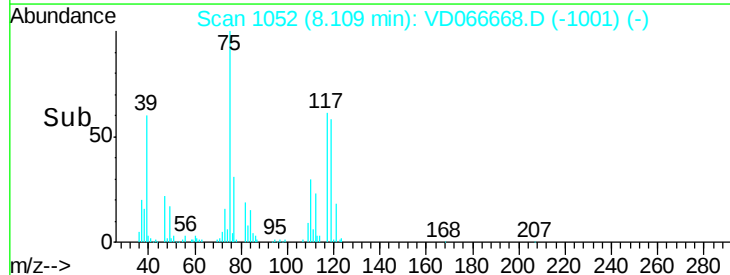
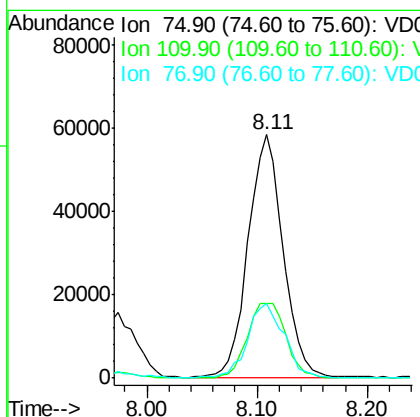
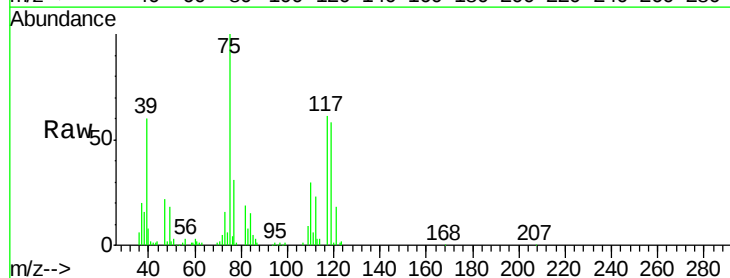
Manual Integrations
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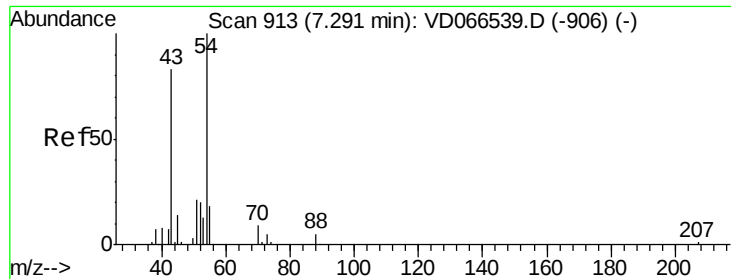
MMDadoda
9/15/2020 2:27:50 PM



#36
1,1-Dichloropropene
Concen: 19.897 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	129833		
110	34.3	17.3	52.0	
77	32.3	25.1	37.7	





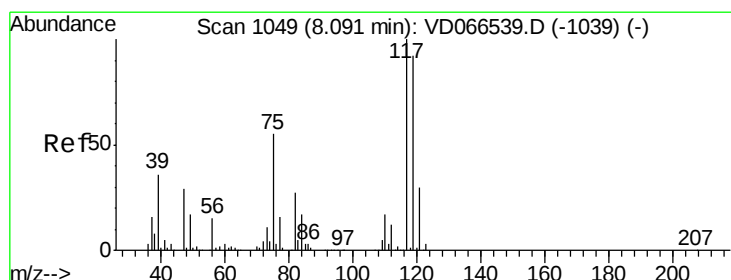
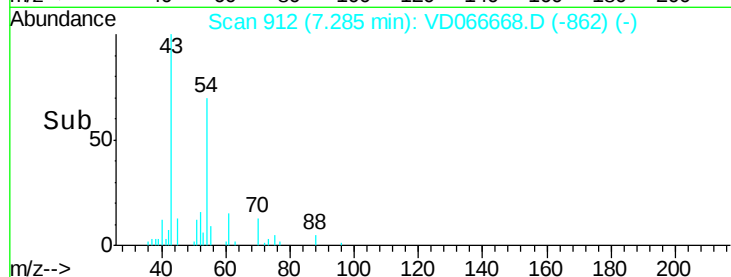
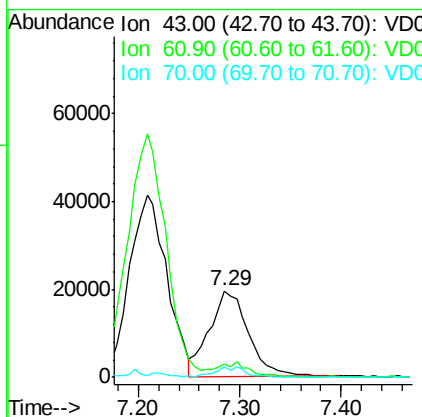
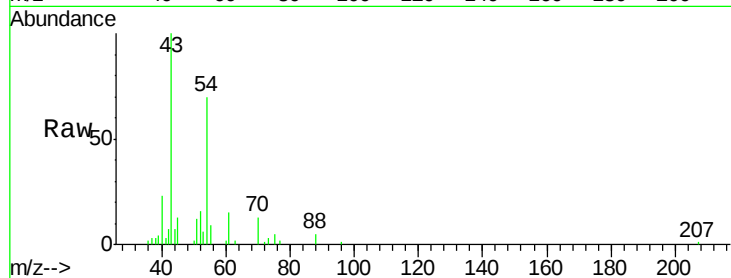
#37
Ethyl Acetate
Concen: 20.043 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	9.9	7.9	11.9

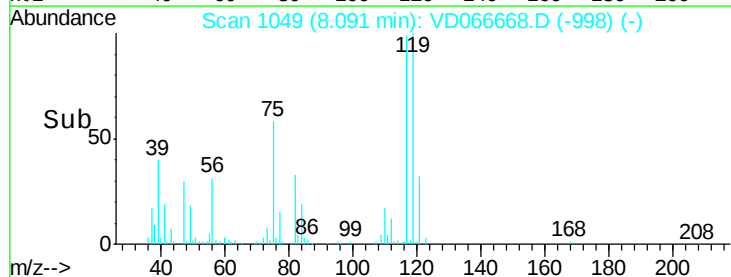
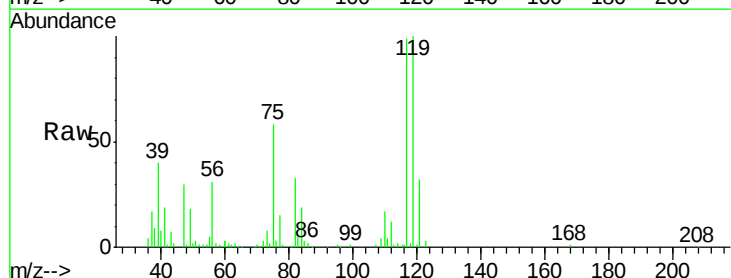
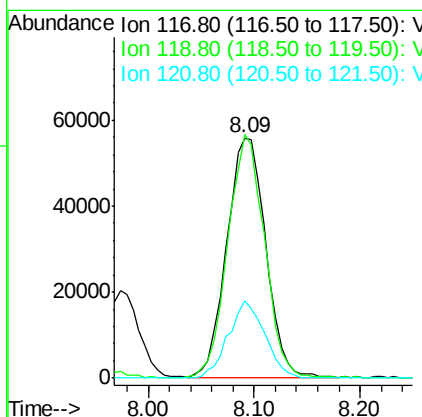
Manual Integrations
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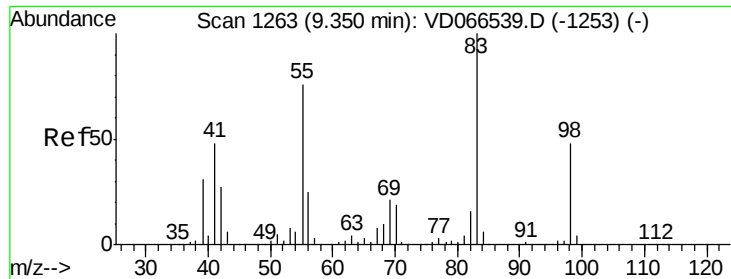
MMDadoda
9/15/2020 2:27:50 PM



#38
Carbon Tetrachloride
Concen: 20.677 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	73.9	110.9
121	32.1	24.1	36.1





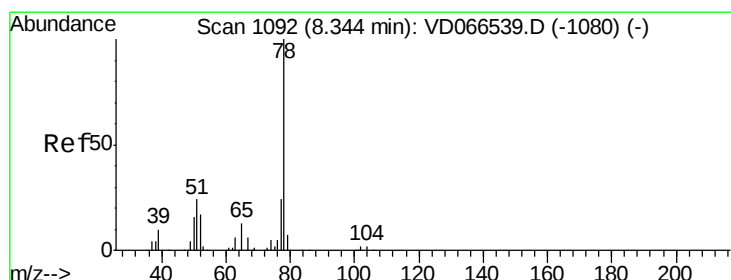
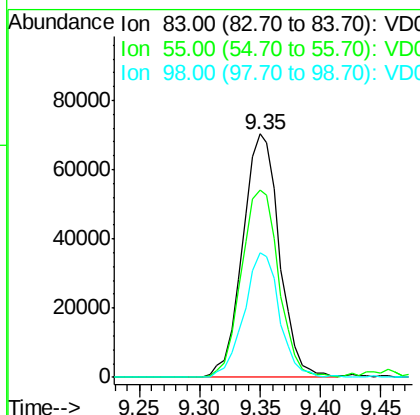
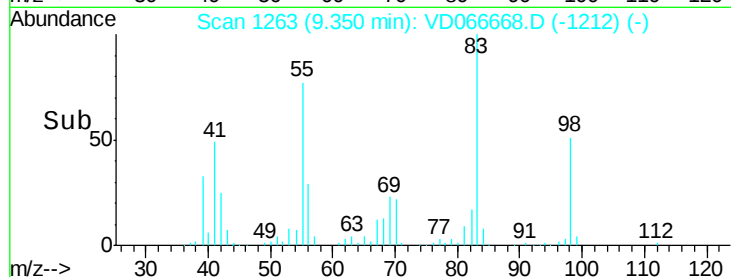
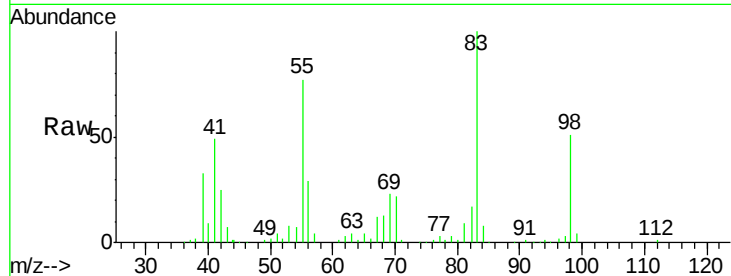
#39
Methvlcvclohexane
Concen: 20.508 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	83	Resp	149431
Ion Ratio	Lower	Upper	
83	100		
55	77.1	60.8	91.2
98	50.9	38.6	58.0

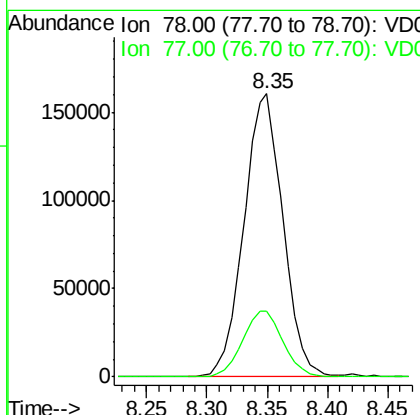
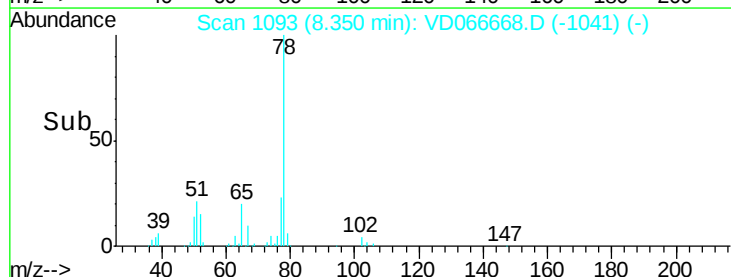
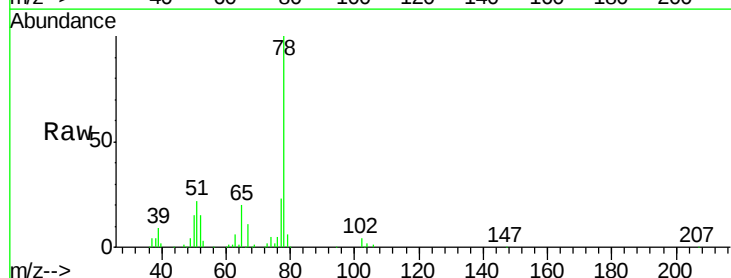
Manual Integrations
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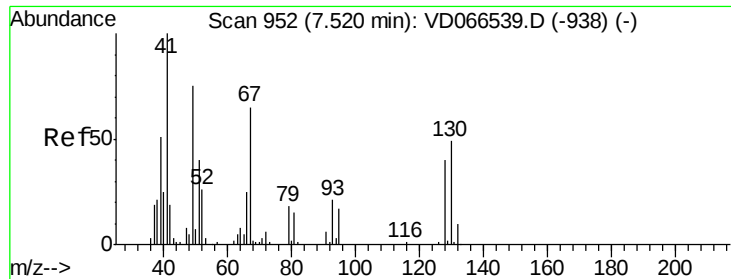
MMDadoda
9/15/2020 2:27:50 PM



#40
Benzene
Concen: 20.230 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	78	Resp	361542
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.1	28.7





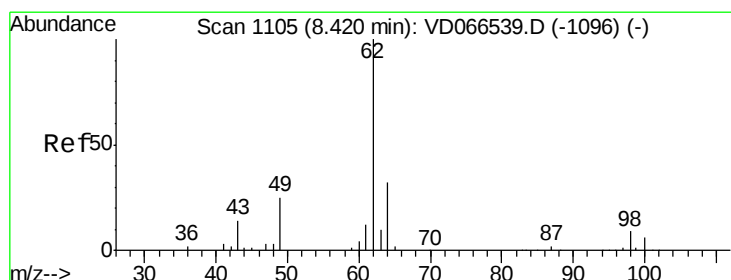
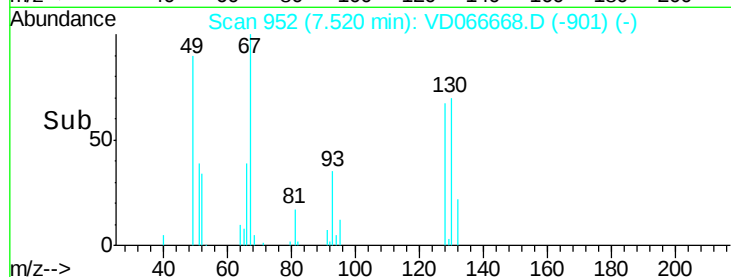
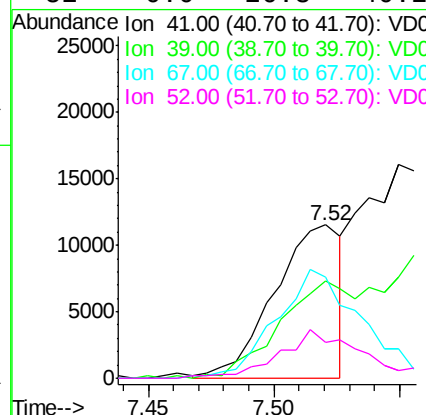
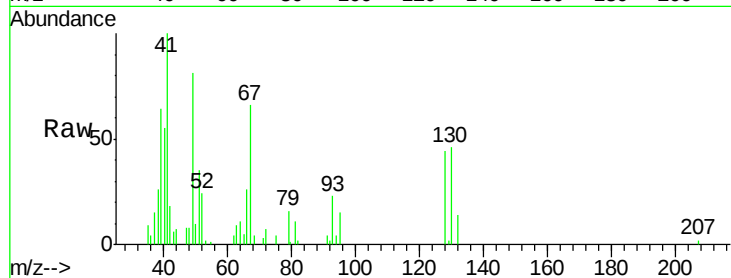
#41
Methacrylonitrile
Concen: 17.279 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ion	Ratio	Lower	Upper
21733	41	100		
	39	85.4	53.6	80.4#
	67	0.0	59.2	88.8#
	52	0.0	26.8	40.2#

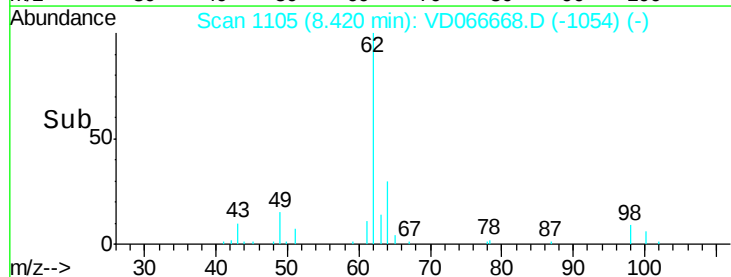
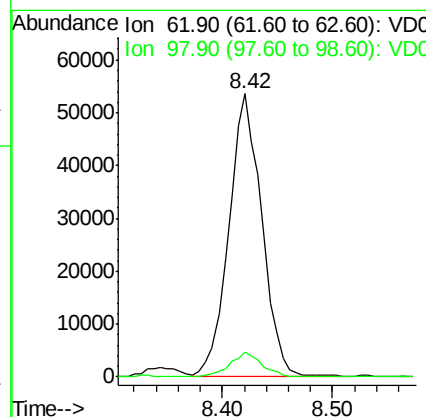
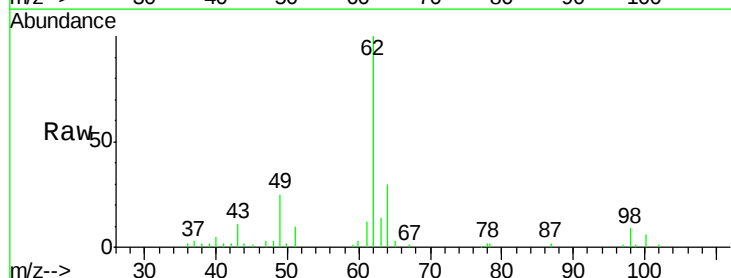
Manual Integrations
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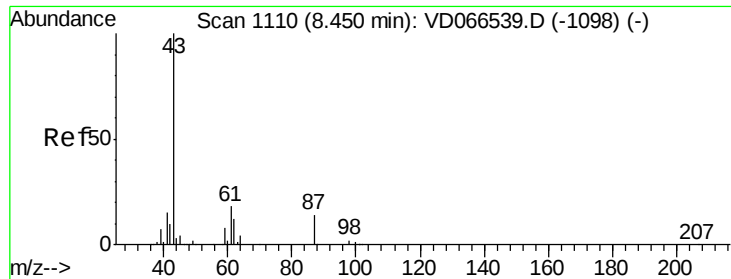
MMDadoda
9/15/2020 2:27:50 PM



#42
1,2-Dichloroethane
Concen: 19.368 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ion	Ratio	Lower	Upper
112148	62	100		
	98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 18.208 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

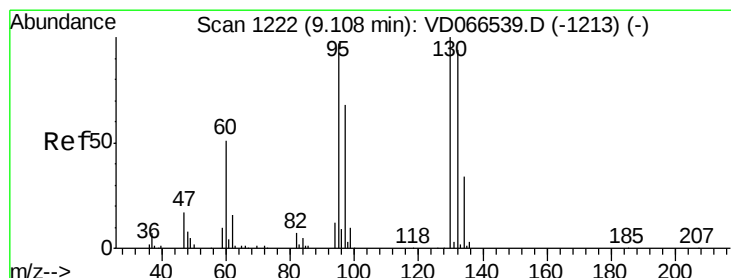
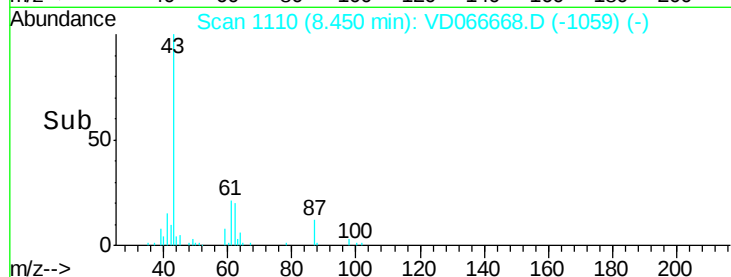
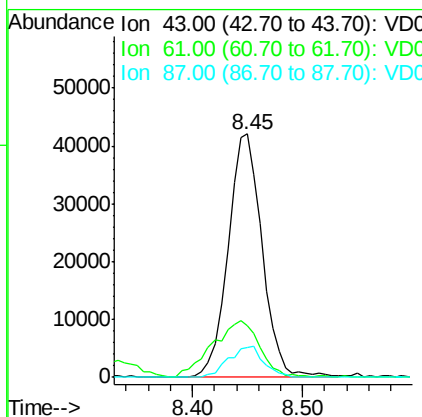
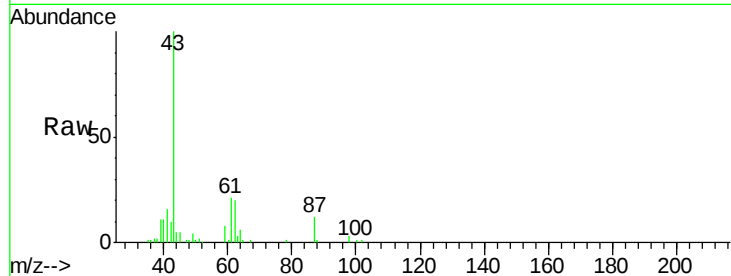
ClientSampleId :

VD0914SBSD01

Tot Ion:	43	Resp:	90669
Ion	Ratio	Lower	Upper
43	100		
61	32.1	23.8	35.8
87	13.1	10.7	16.1

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#44

Trichloroethene

Concen: 21.029 ug/l

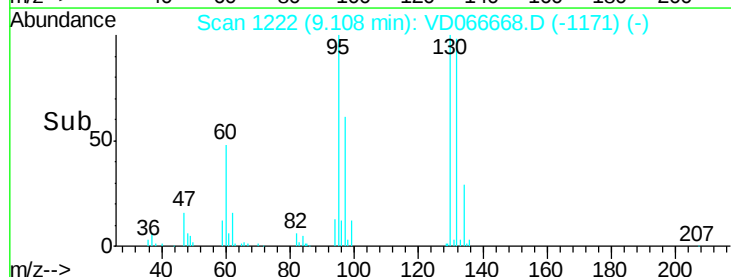
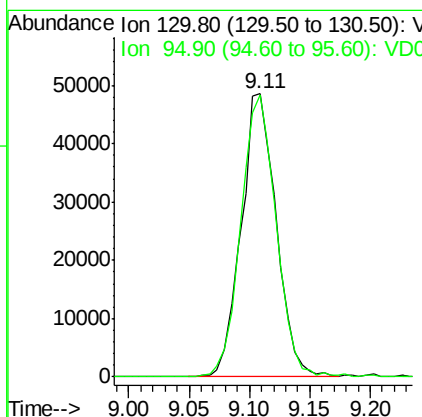
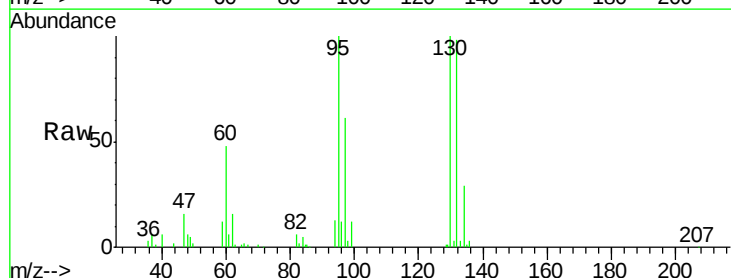
RT: 9.11 min Scan# 1222

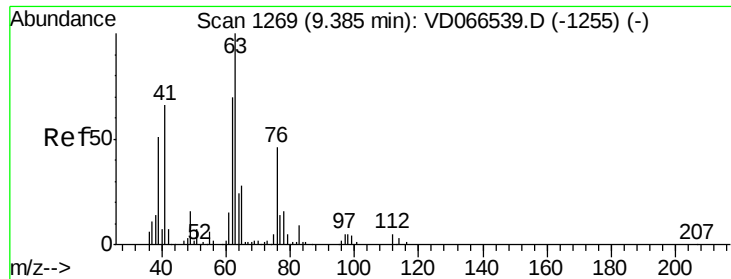
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	130	Resp:	98580
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	194.4





#45

1,2-Dichloropropane

Concen: 19.967 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 63 Resp: 89740

Ion Ratio Lower Upper

63 100

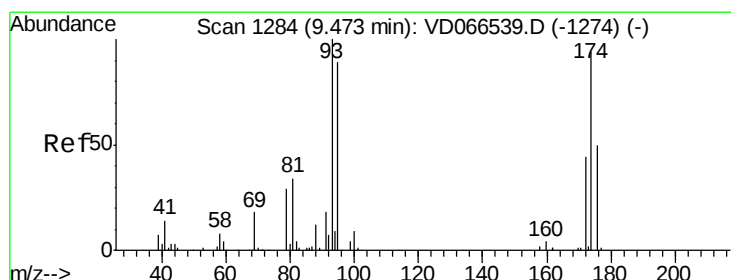
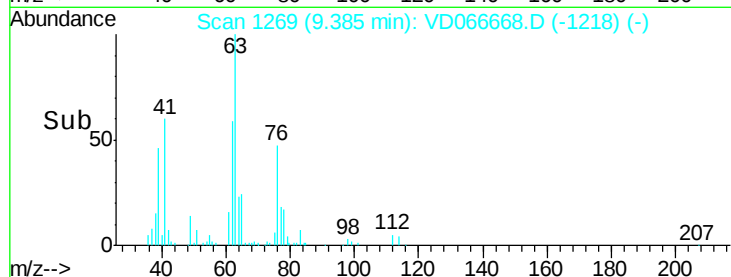
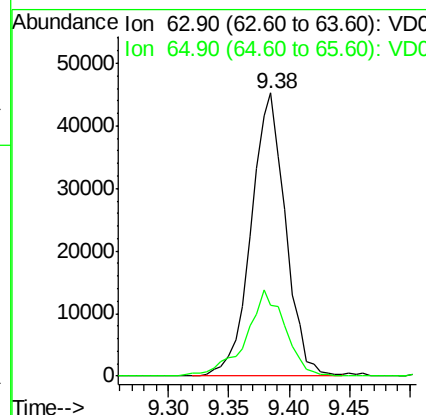
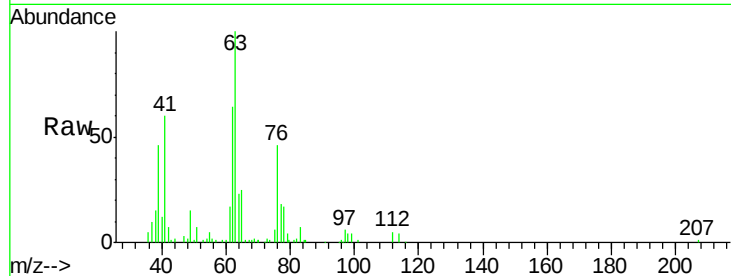
65 24.9 22.6 34.0

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#46

Dibromomethane

Concen: 19.674 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

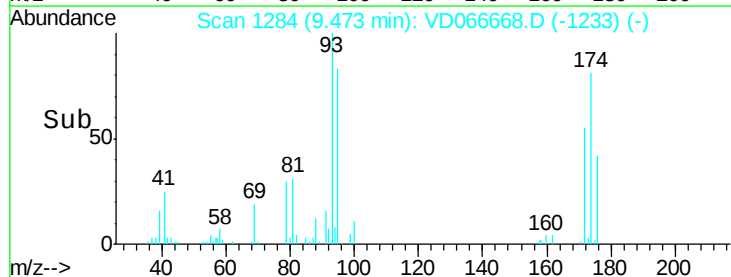
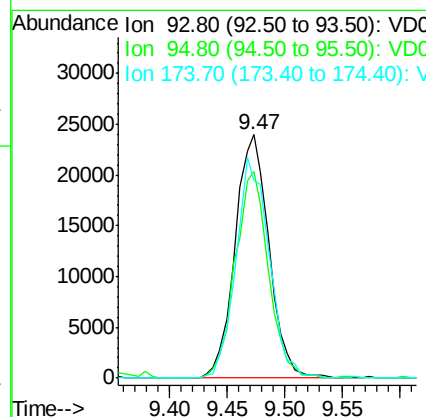
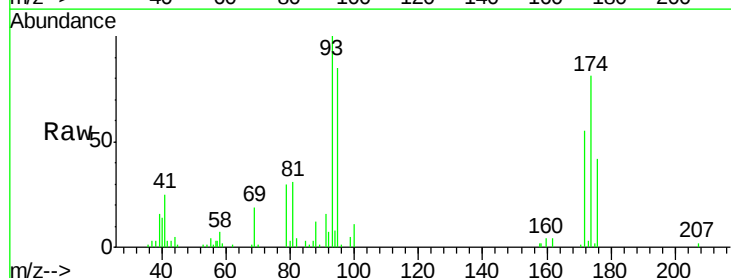
Tgt Ion: 93 Resp: 48784

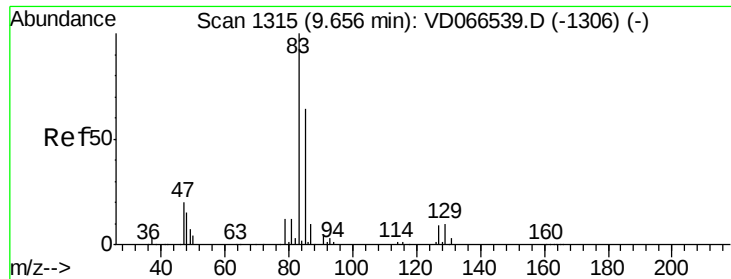
Ion Ratio Lower Upper

93 100

95 83.1 68.7 103.1

174 88.6 70.0 105.0





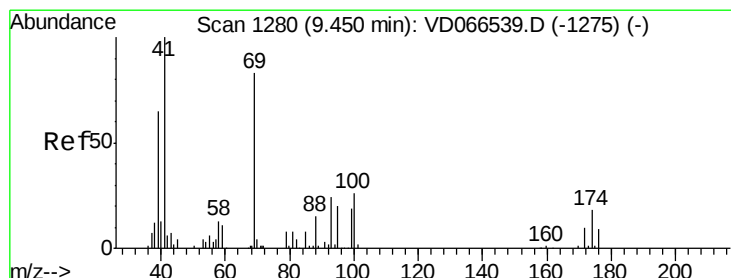
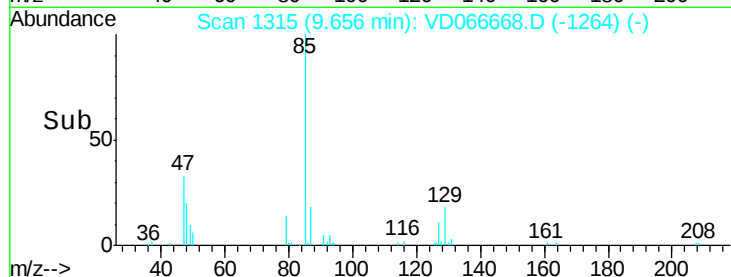
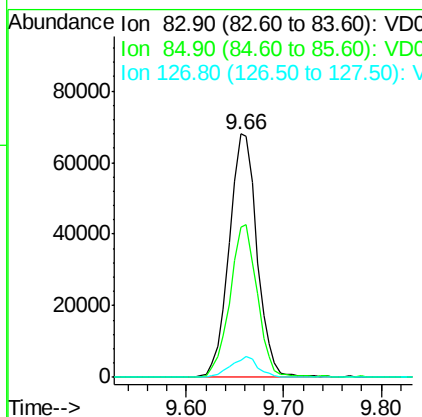
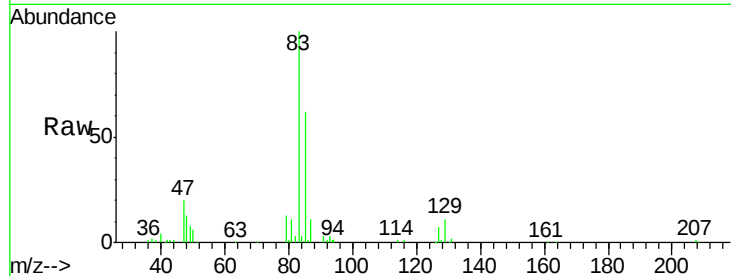
#47
Bromodichloromethane
Concen: 20.168 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	135296		
85	61.9		51.1	76.7
127	7.0		6.9	10.3

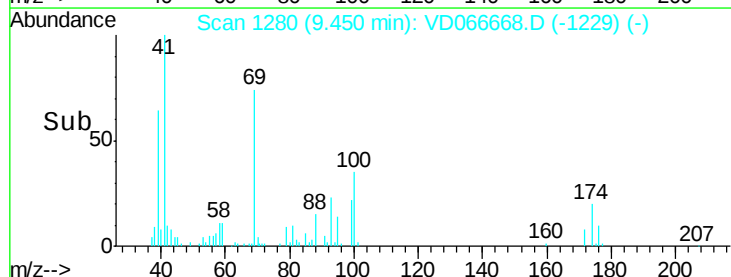
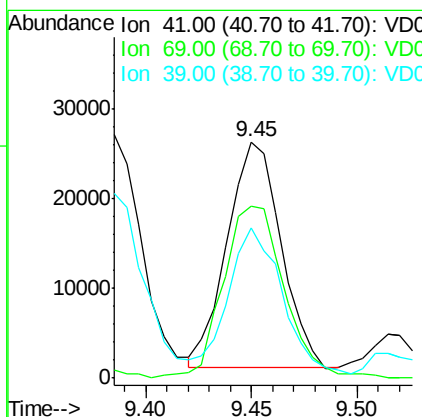
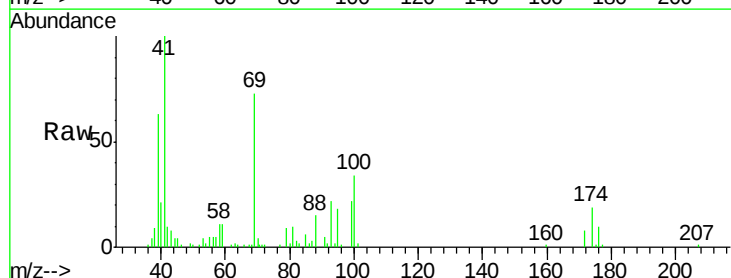
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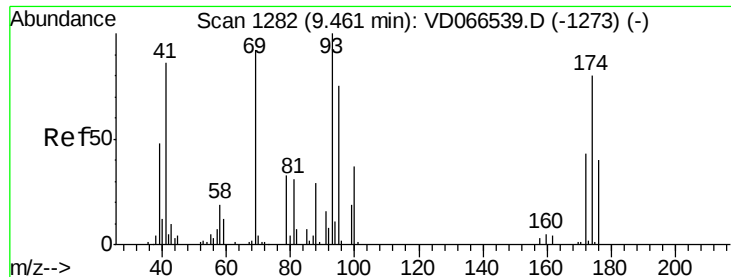
MMDadoda
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#48
Methyl methacrylate
Concen: 17.586 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	44281		
69	87.2		64.5	96.7
39	64.3		46.6	69.8





#49

1,4-Dioxane

Concen: 404.144 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

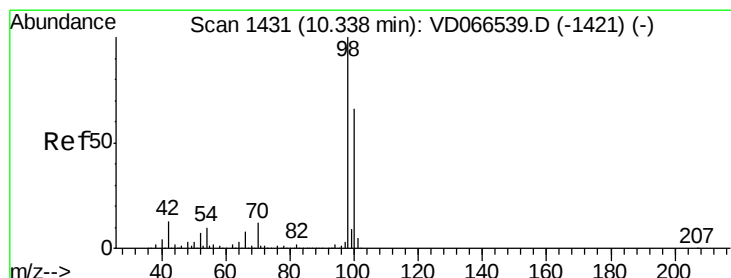
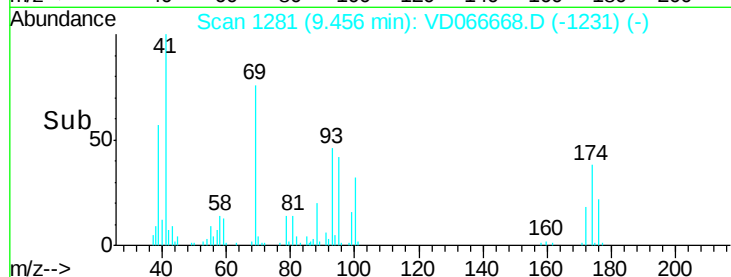
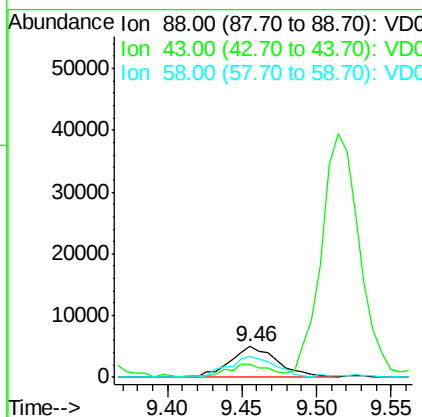
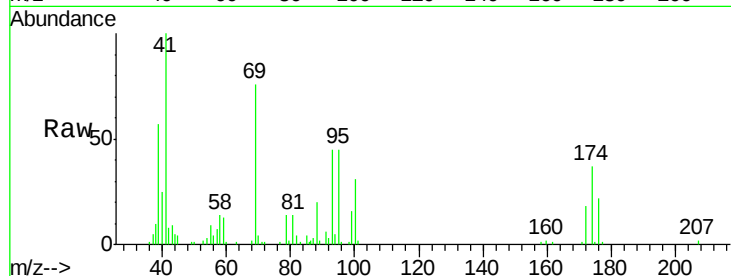
ClientSampleId :

VD0914SBS01

Tot Ion:	88	Resp:	10994
Ion	Ratio	Lower	Upper
88	100		
43	33.3	28.3	42.5
58	66.1	56.1	84.1

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#50

Toluene-d8

Concen: 52.874 ug/l

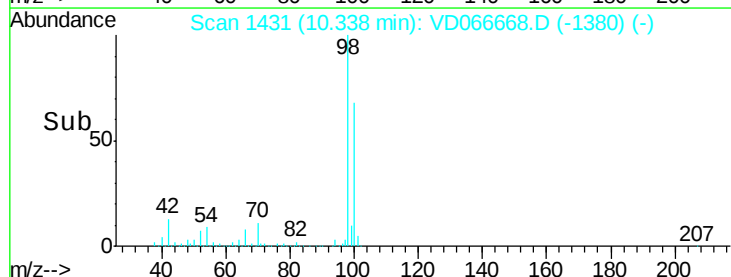
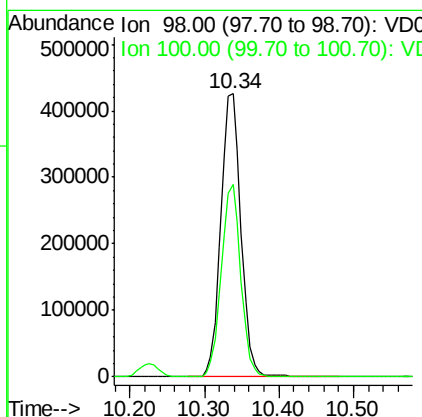
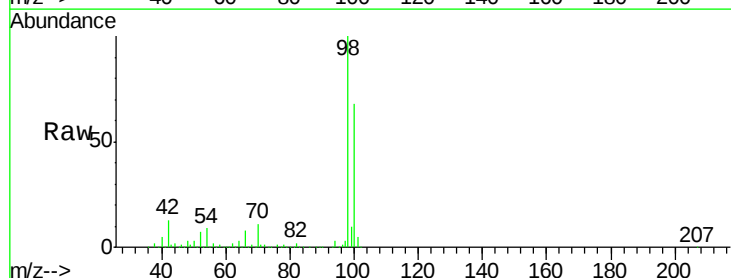
RT: 10.34 min Scan# 1431

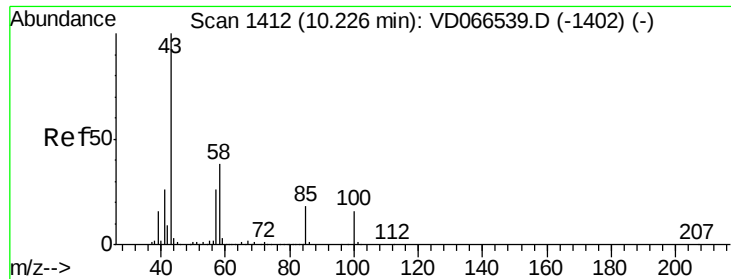
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	98	Resp:	799369
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 94.331 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 43 Resp: 236896

Ion Ratio Lower Upper

43 100

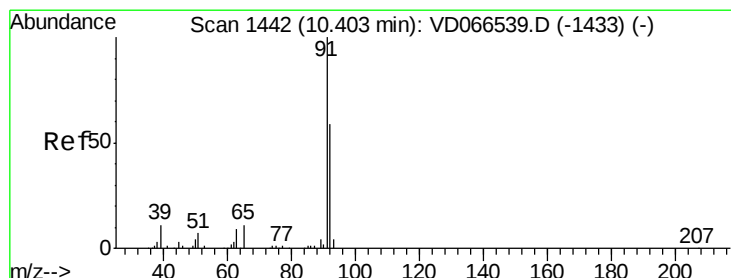
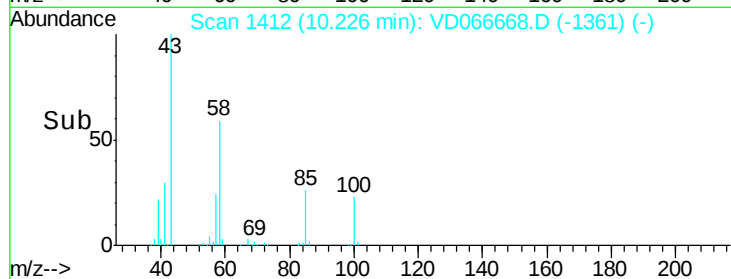
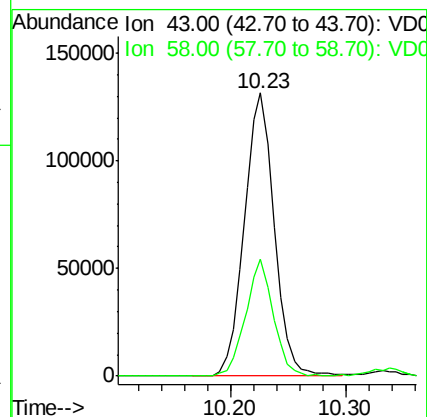
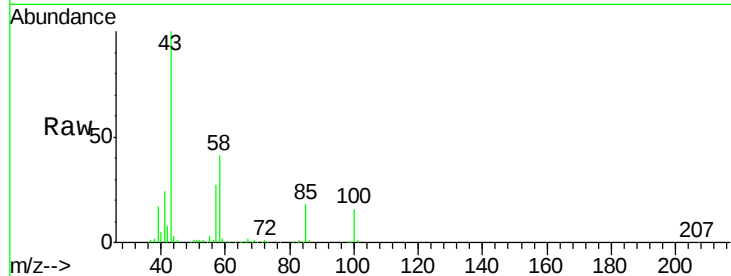
58 38.1 30.5 45.7

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#52

Toluene

Concen: 20.463 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066668.D

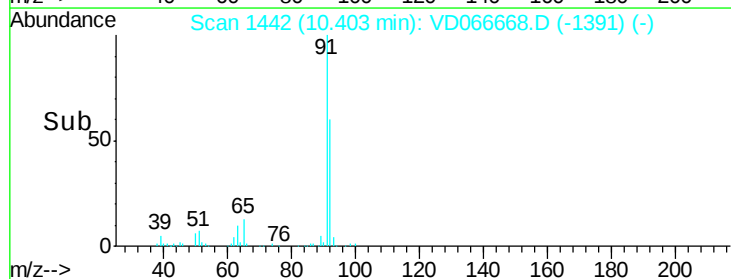
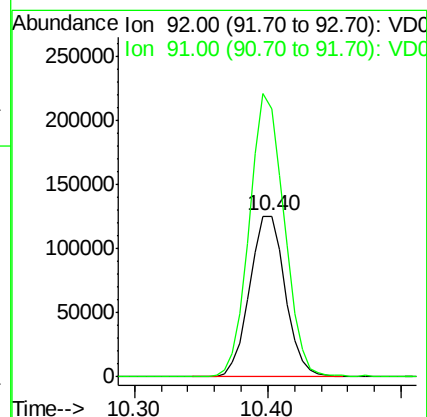
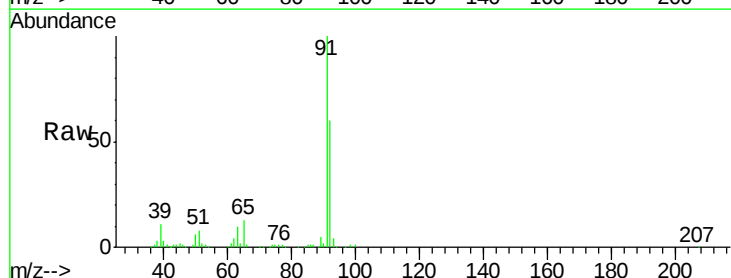
Acq: 14 Sep 2020 12:53

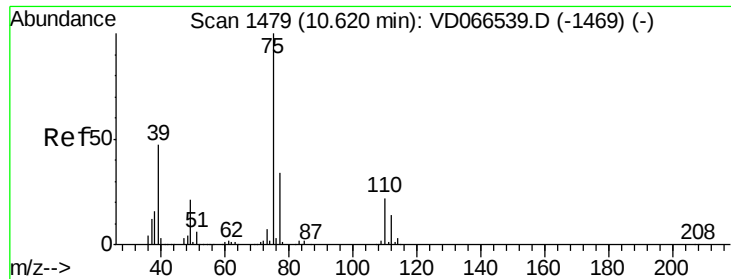
Tgt Ion: 92 Resp: 231493

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.2





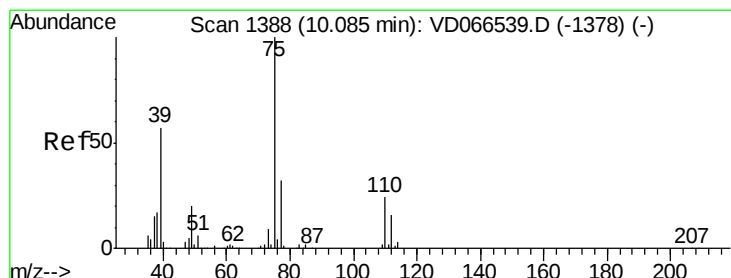
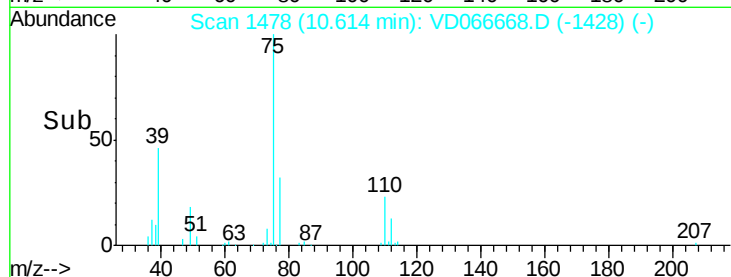
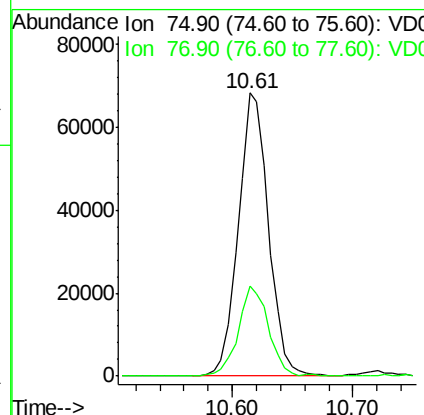
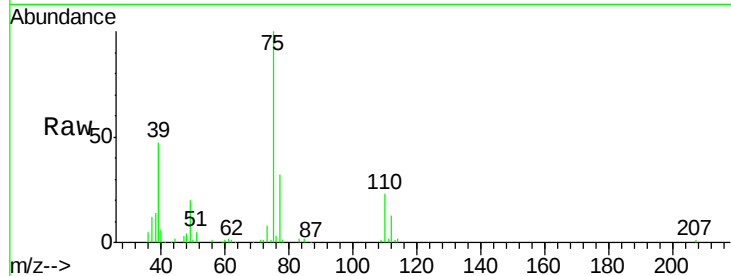
#53
t-1,3-Dichloropropene
Concen: 20.030 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion: 75 Resp: 118619
Ion Ratio Lower Upper
75 100
77 31.9 27.4 41.2

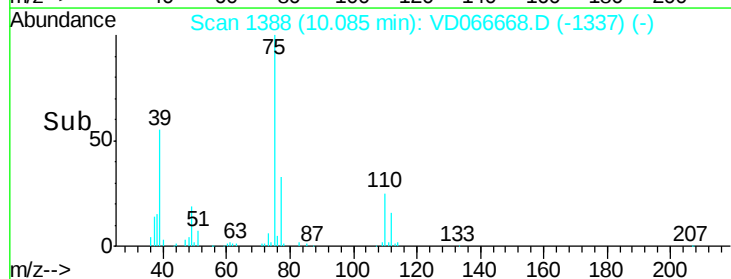
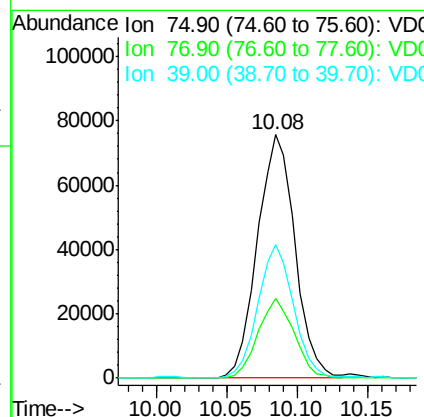
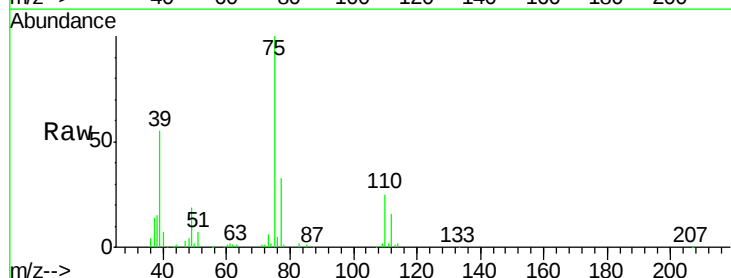
Manual Integrations
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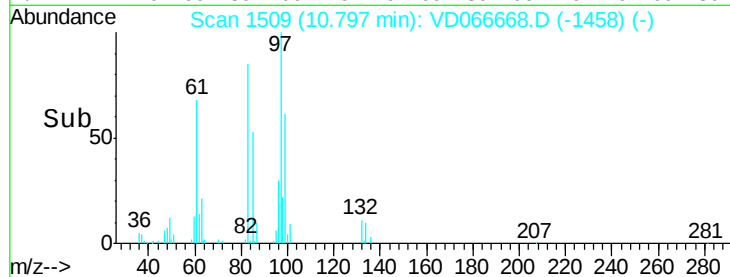
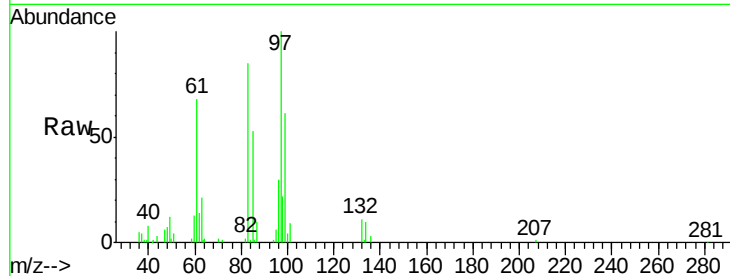
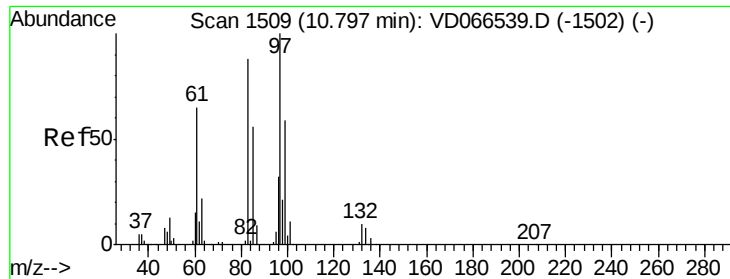
MMDadoda
9/15/2020 2:27:50 PM



#54
cis-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 75 Resp: 141220
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
39 54.7 45.4 68.0





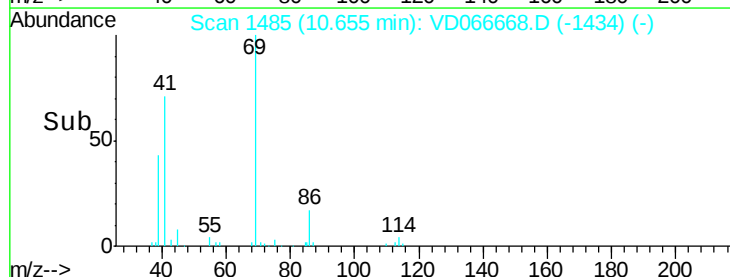
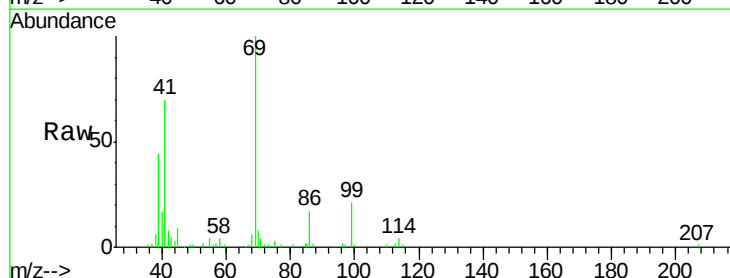
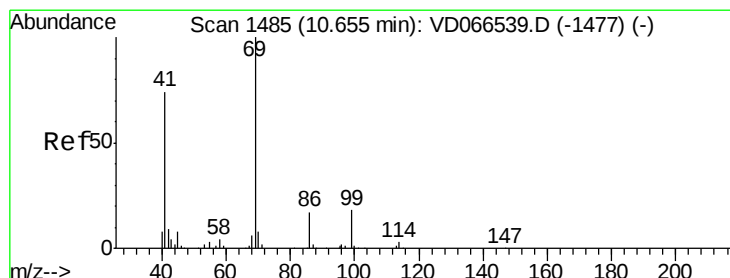
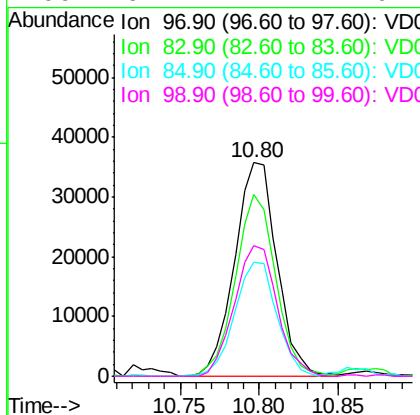
#55
1,1,2-Trichloroethane
Concen: 20.891 ug/l
RT: 10.80 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tot Ion:	97	Resp:	66605
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.1	105.1
85	52.9	44.5	66.7
99	61.2	47.1	70.7

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

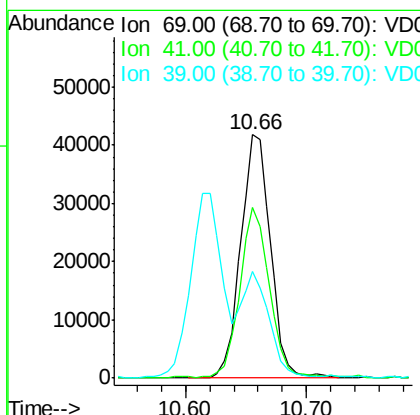
Manual Integrations
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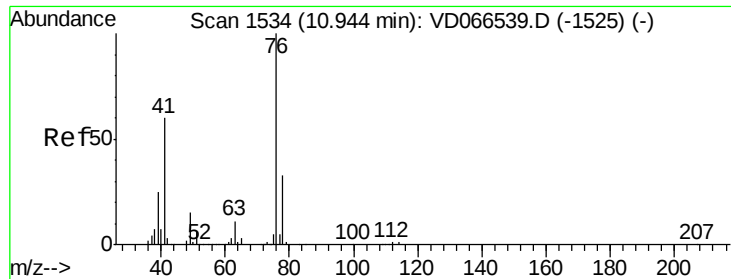
MMDadoda
9/15/2020 2:27:50 PM



#56
Ethyl methacrylate
Concen: 19.428 ug/l
RT: 10.66 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion:	69	Resp:	72119
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.8	85.2
39	40.5	30.6	46.0





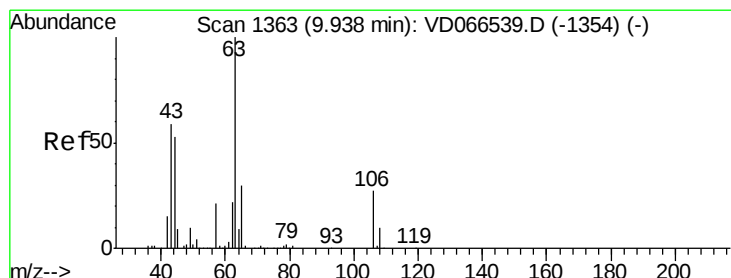
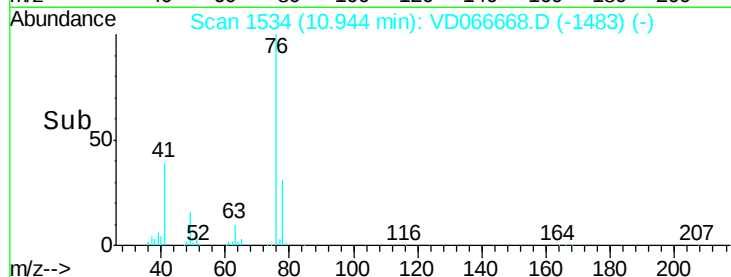
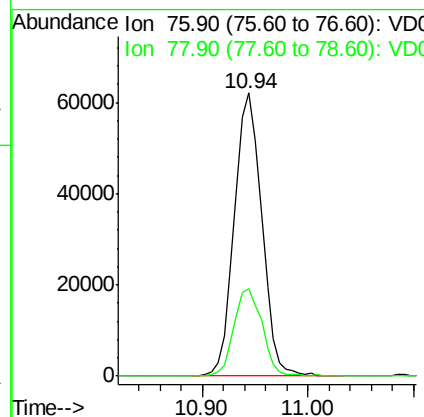
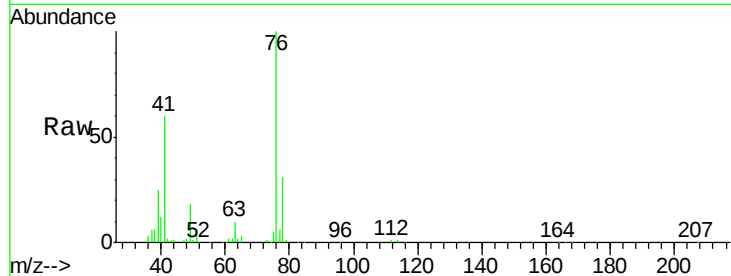
#57
 1,3-Dichloropropane
 Concen: 20.002 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion: 76 Resp: 111699
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

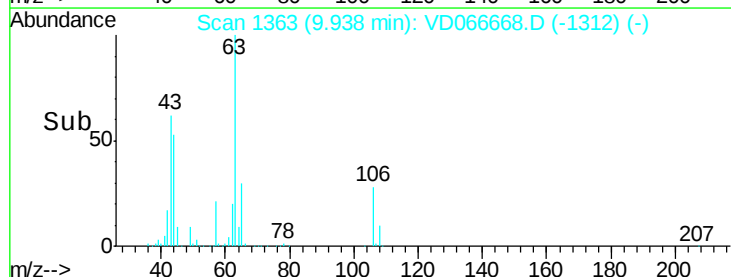
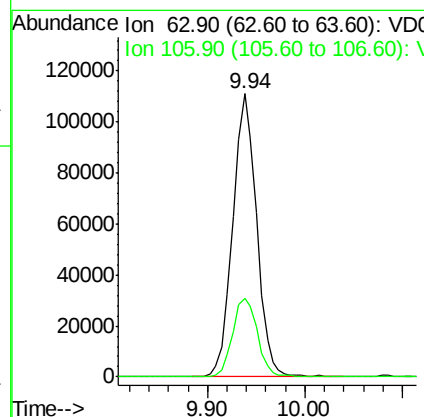
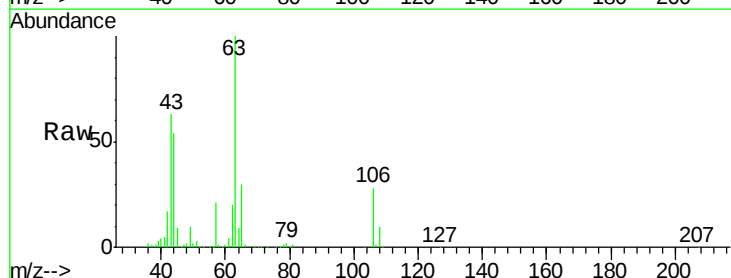
Manual Integrations
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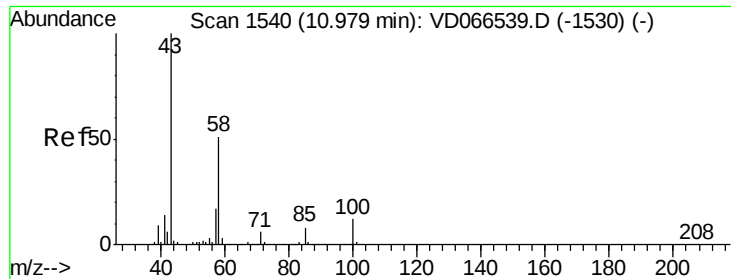
MMDadoda
 9/15/2020 2:27:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.360 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion: 63 Resp: 189077
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.0 33.0





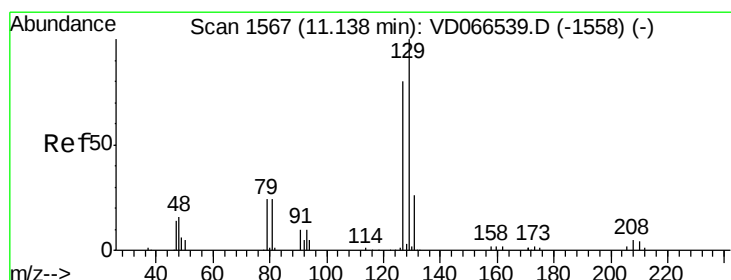
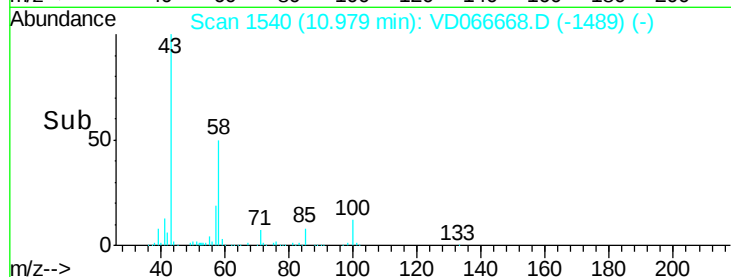
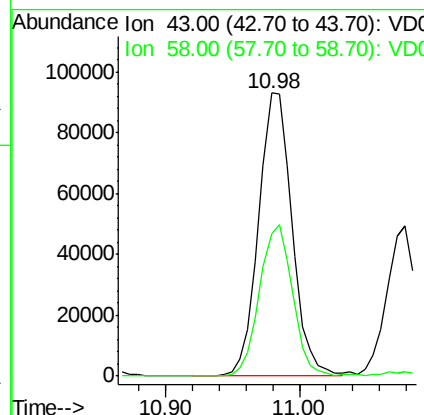
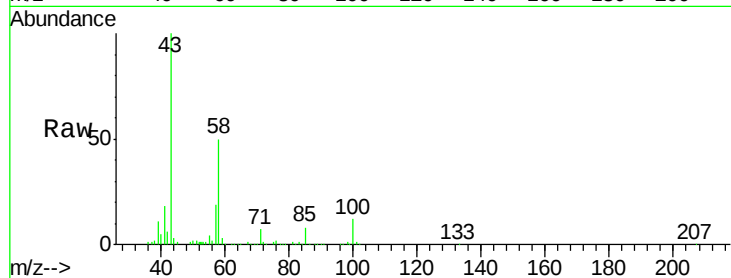
#59
2-Hexanone
Concen: 95.367 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion: 43 Resp: 161057
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.8

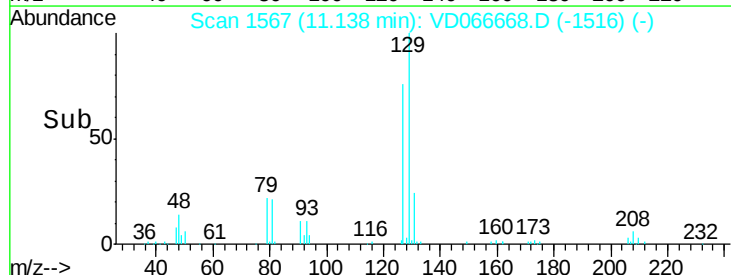
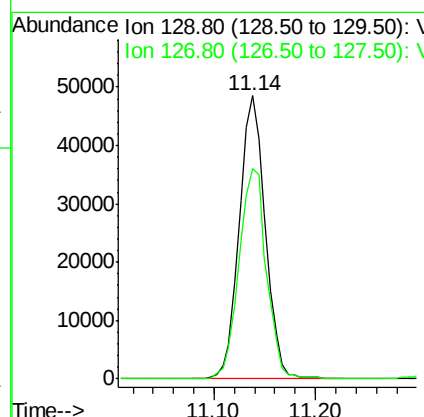
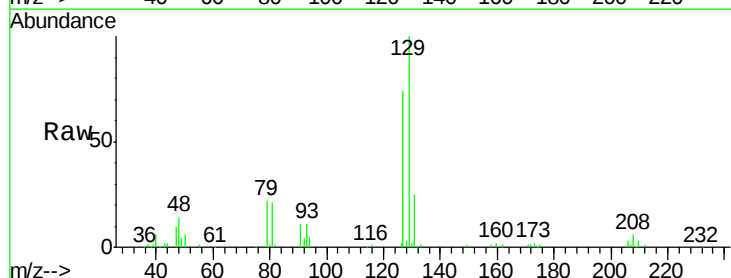
Manual Integrations
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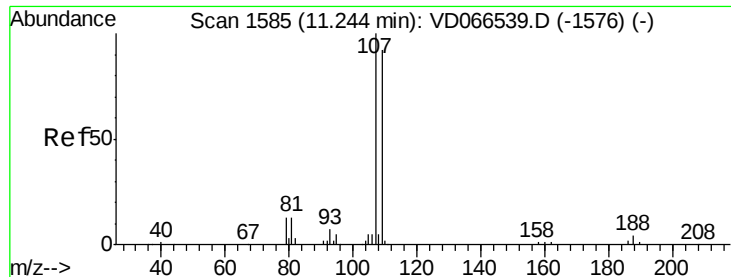
MMDadoda
9/15/2020 2:27:50 PM



#60
Dibromochloromethane
Concen: 20.500 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion: 129 Resp: 86426
Ion Ratio Lower Upper
129 100
127 78.3 39.5 118.3





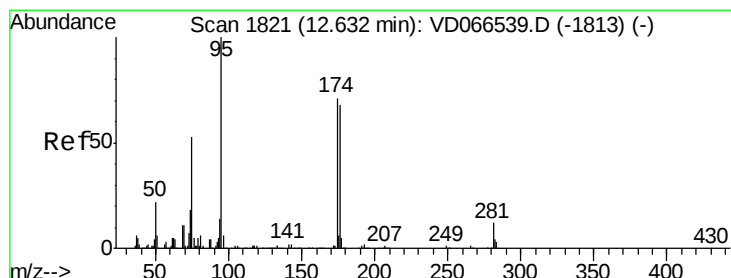
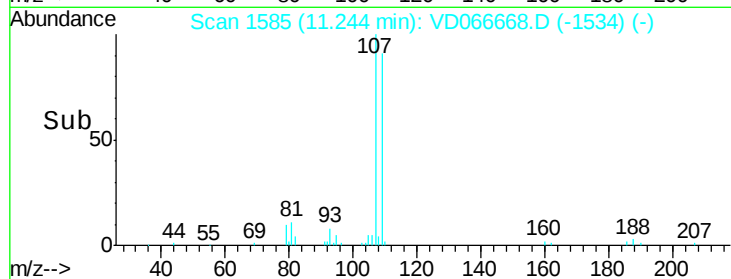
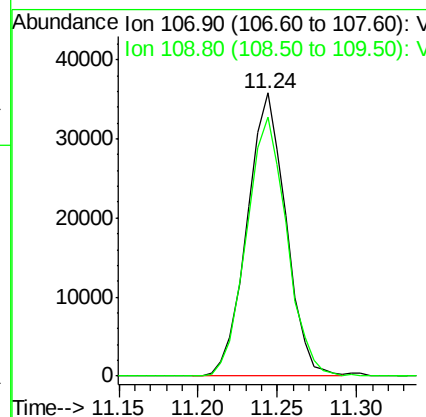
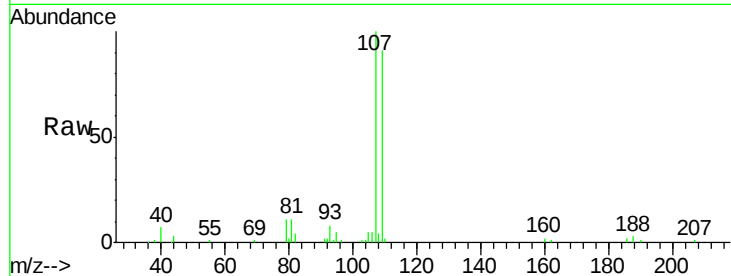
#61
 1,2-Dibromoethane
 Concen: 19.638 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.4	111.6

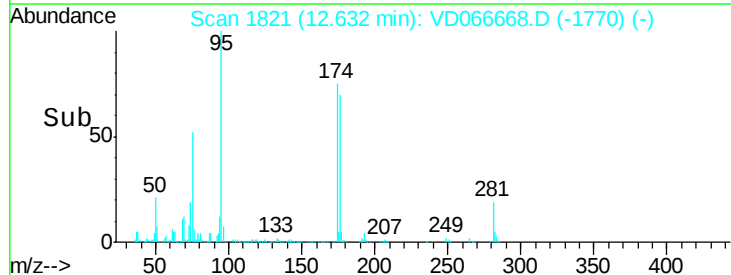
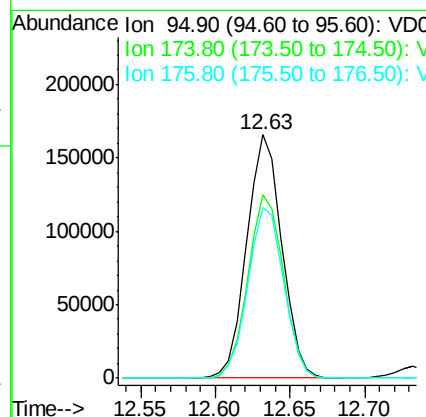
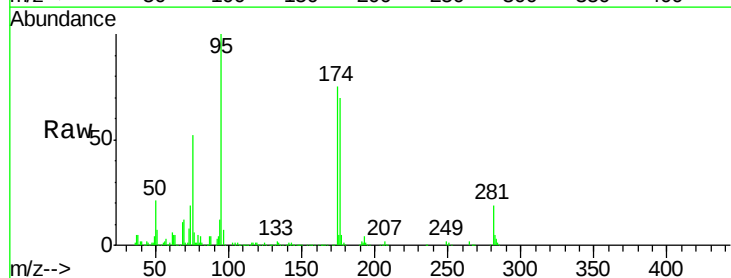
Manual Integrations
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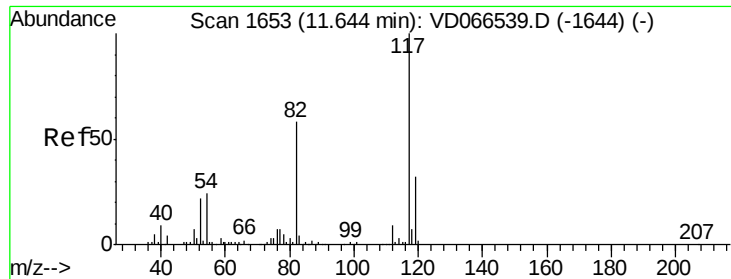
MMDadoda
 9/15/2020 2:27:50 PM



#62
 4-Bromofluorobenzene
 Concen: 53.638 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	155.8
176	71.6	0.0	148.6





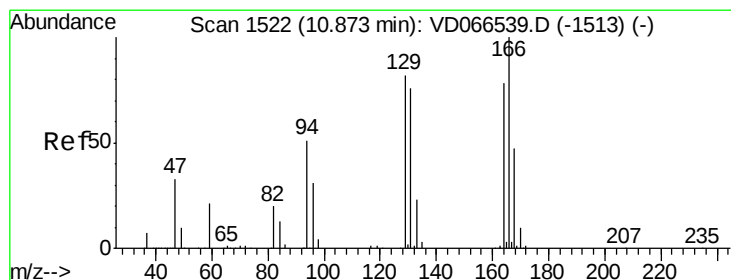
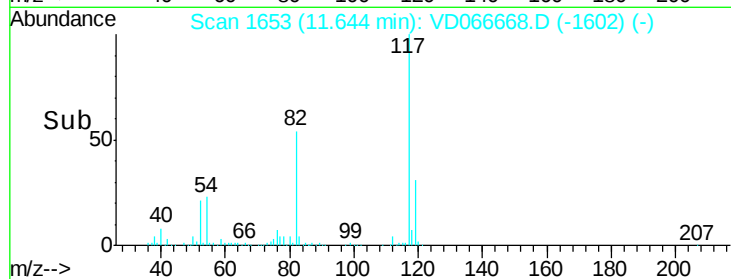
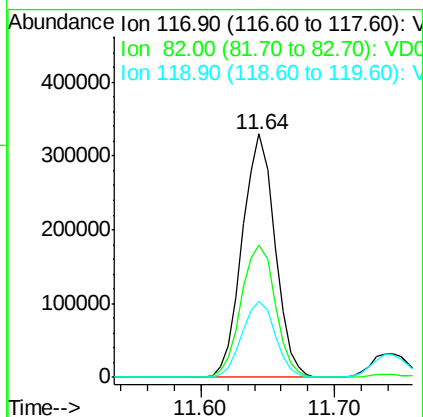
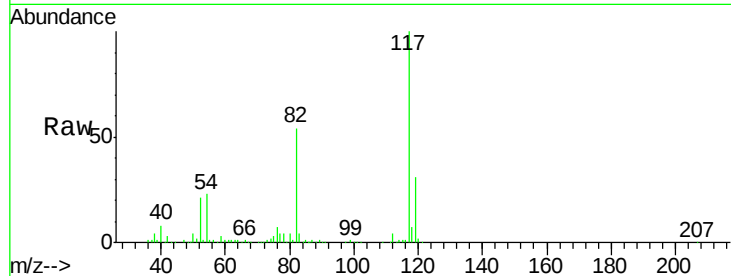
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	559825		
82	54.5	46.2	69.2	
119	31.2	25.8	38.8	

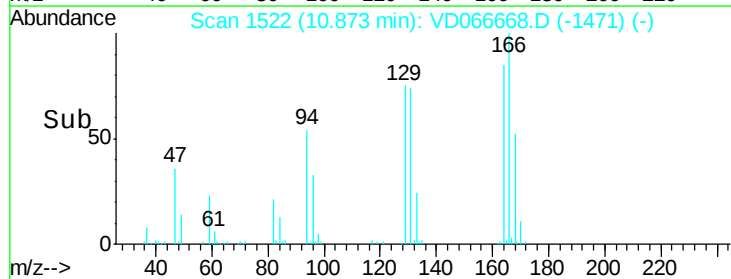
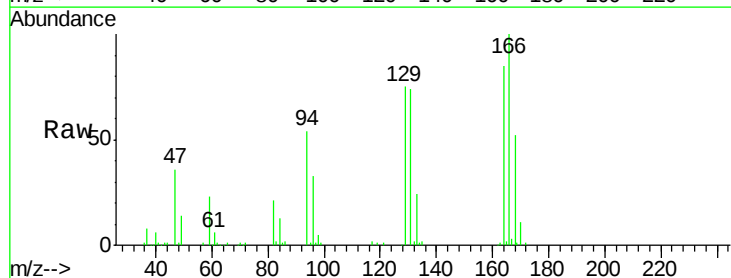
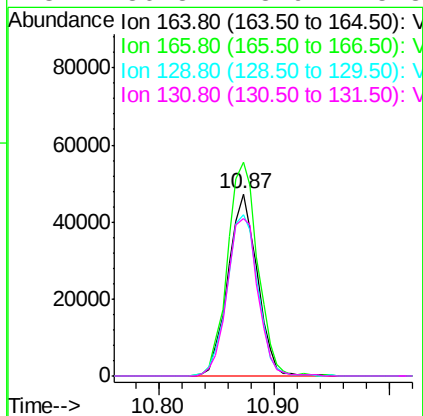
Manual Integrations
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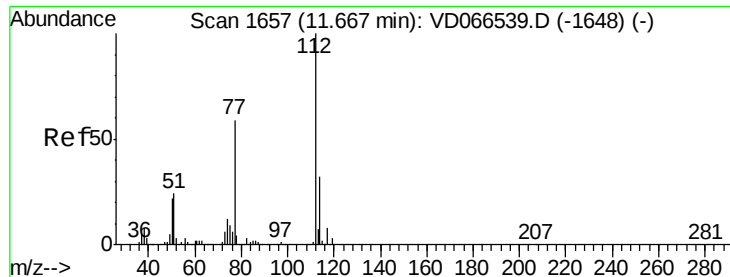
MMDadoda
9/15/2020 2:27:50 PM



#64
Tetrachloroethene
Concen: 22.030 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83039		
166	117.3	103.2	154.8	
129	88.4	84.5	126.7	
131	86.8	78.9	118.3	





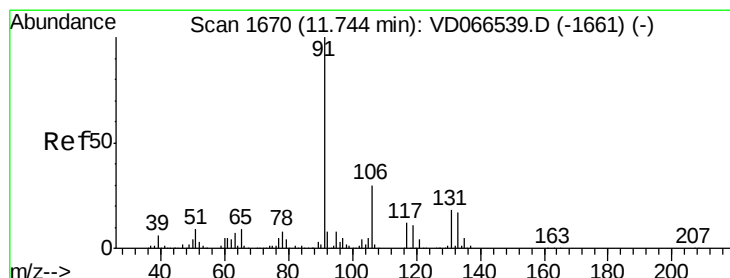
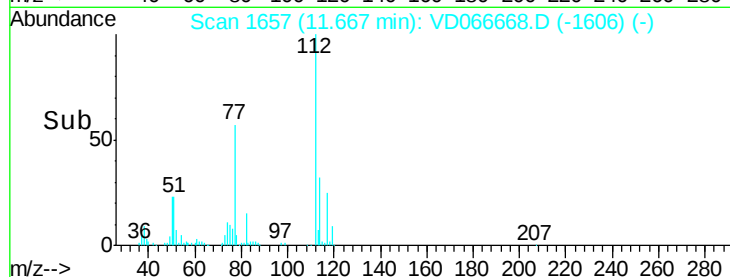
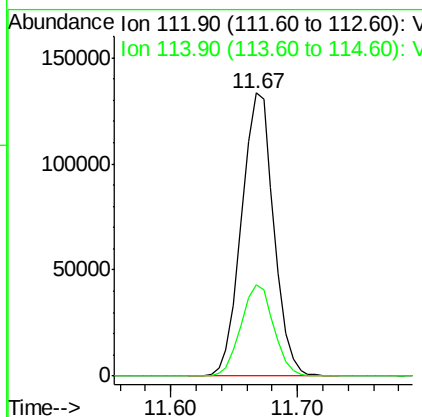
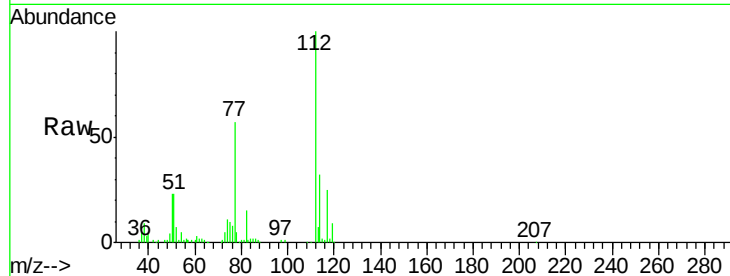
#65
Chlorobenzene
Concen: 20.442 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

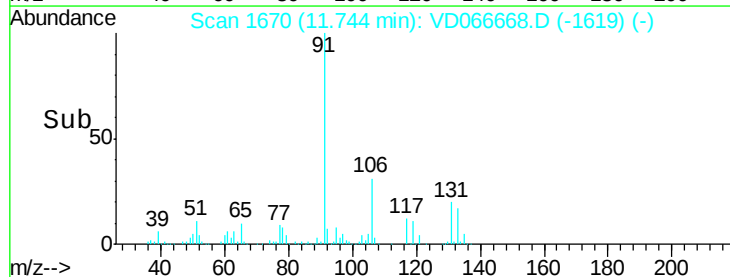
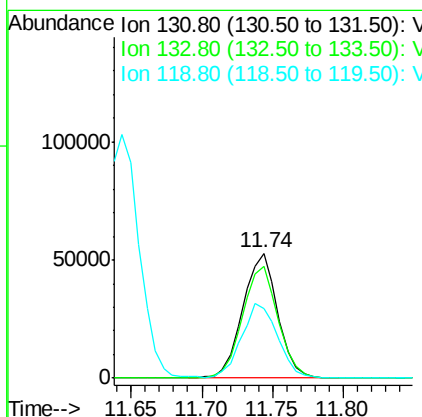
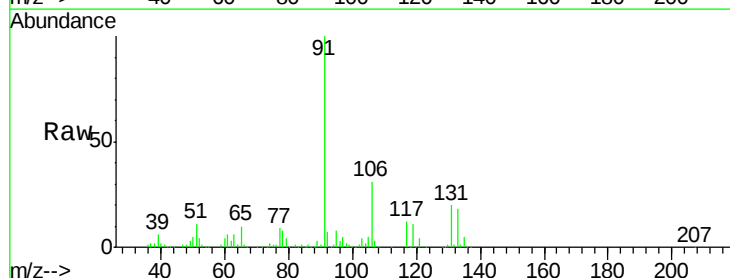
Manual Integrations
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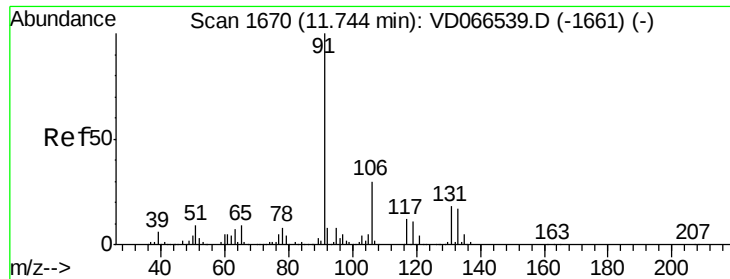
MMDadoda
9/15/2020 2:27:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.8	46.7	140.0
119	62.2	31.9	95.7





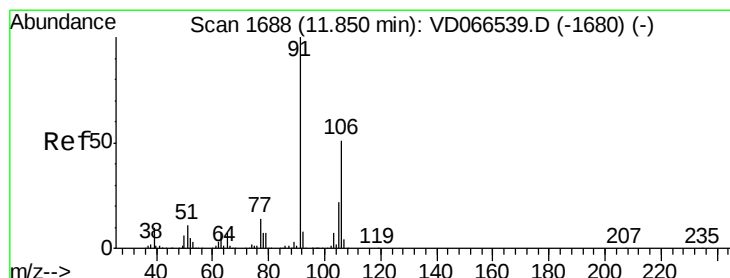
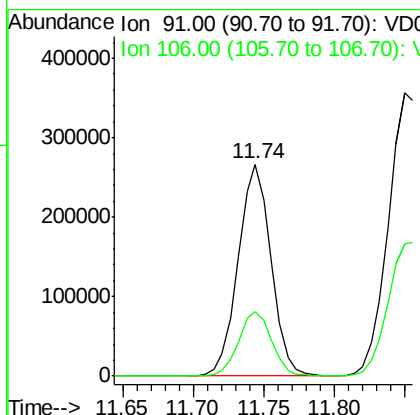
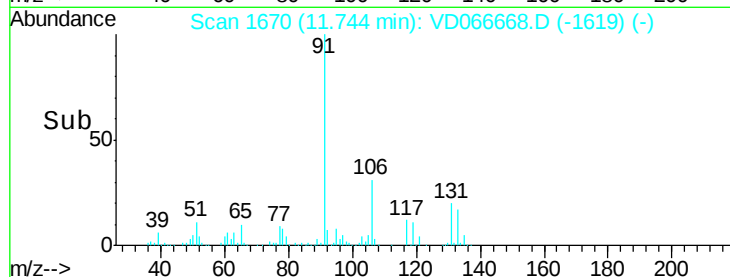
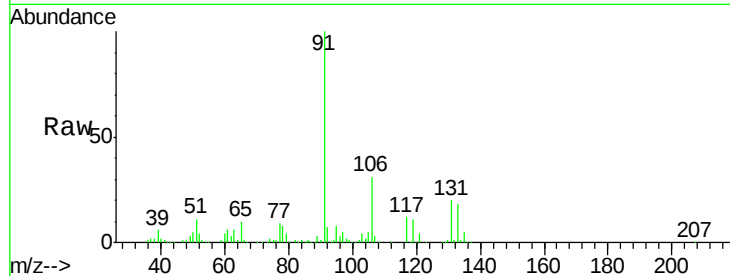
#67
Ethyl Benzene
Concen: 20.440 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.3	36.5

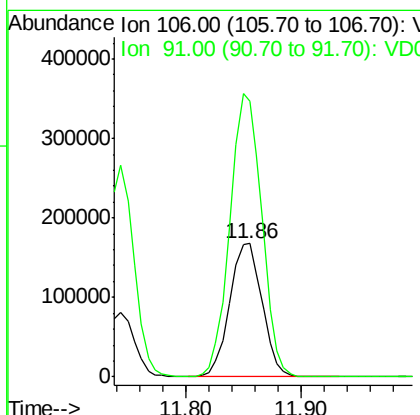
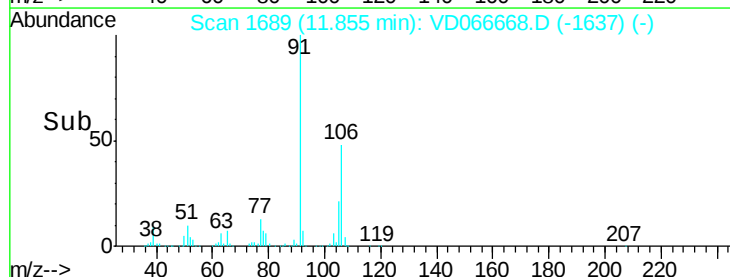
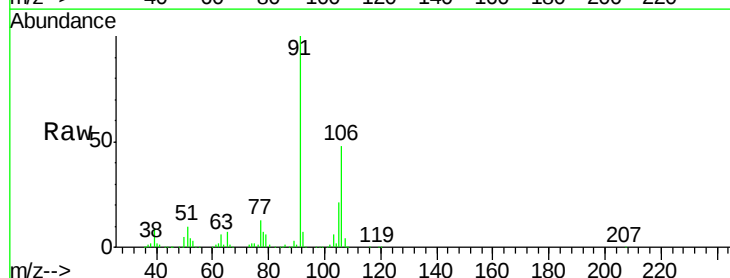
Manual Integrations
APPROVED

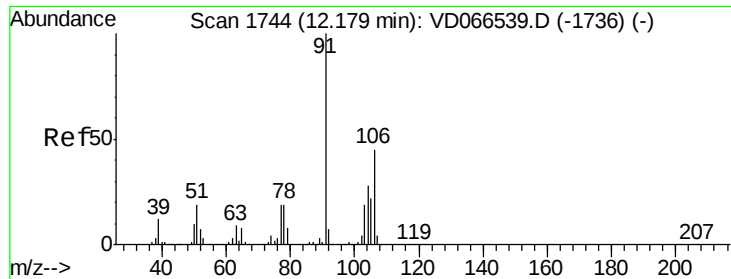
MMDadoda
9/15/2020 2:27:50 PM



#68
m/p-Xylenes
Concen: 41.398 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.9	162.4	243.6





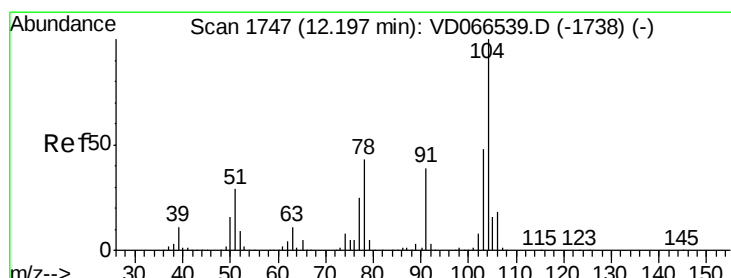
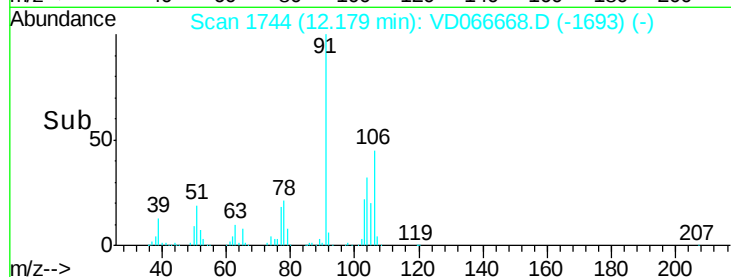
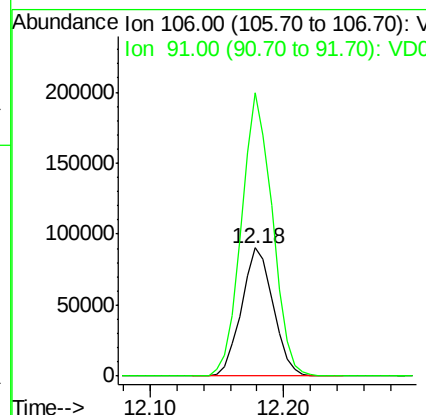
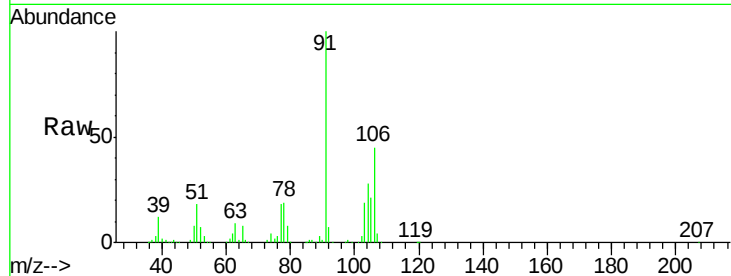
#69
o-Xylene
Concen: 21.018 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	148381		
91	91	214.9	107.9	323.8	

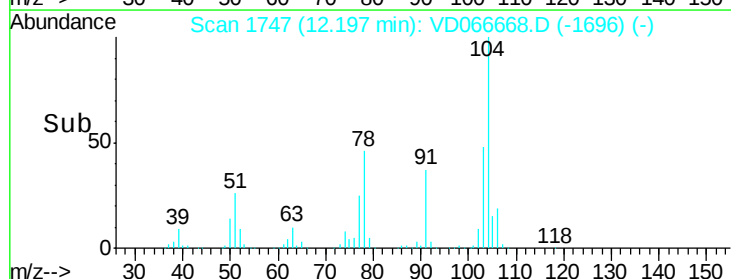
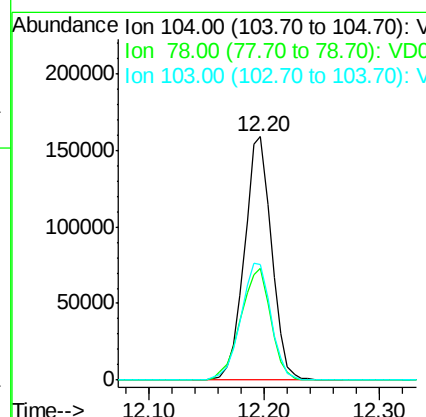
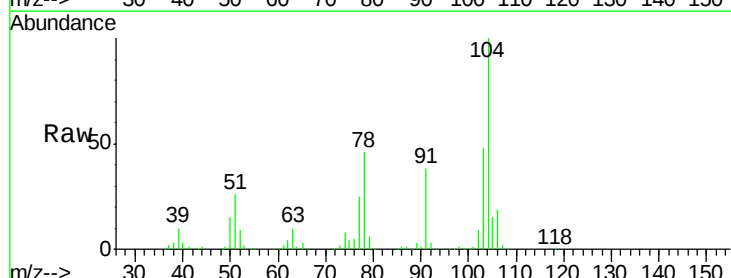
Manual Integrations
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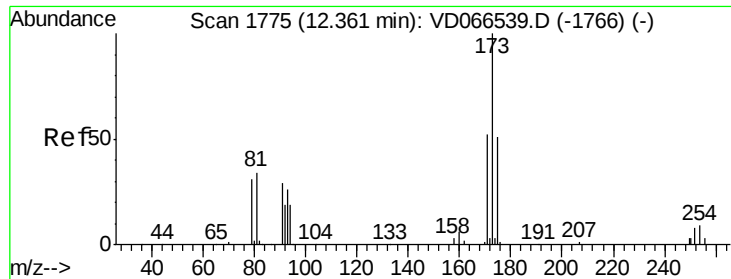
MMDadoda
9/15/2020 2:27:50 PM



#70
Styrene
Concen: 21.154 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	259635		
78	78	50.5	40.7	61.1	
103	103	53.2	42.9	64.3	





#71

Bromoform

Concen: 19.854 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion:173 Resp: 44123

Ion Ratio Lower Upper

173 100

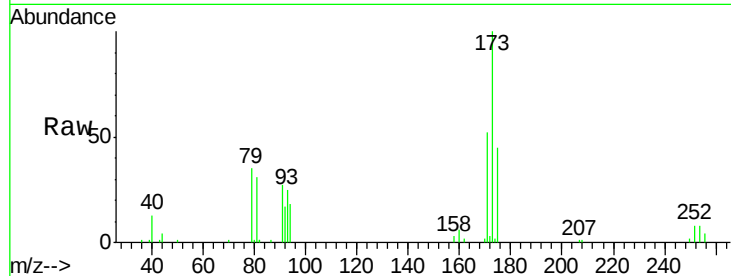
175 49.3 24.2 72.6

254 0.0 0.0 0.0

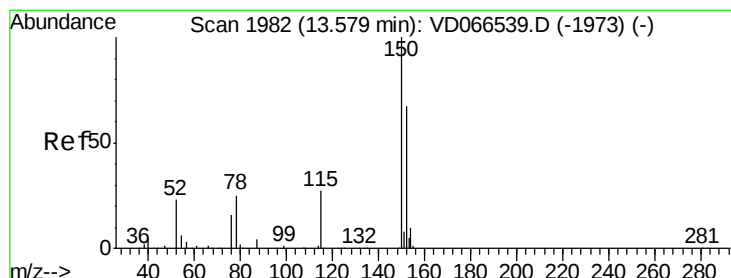
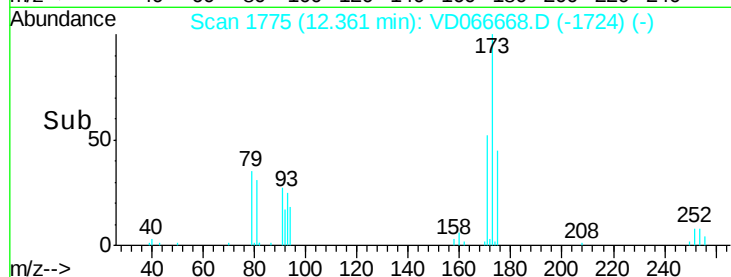
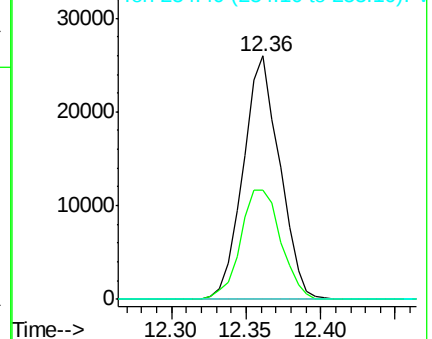
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

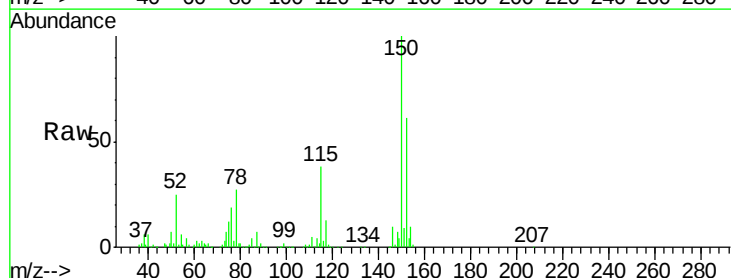
Tgt Ion:152 Resp: 261625

Ion Ratio Lower Upper

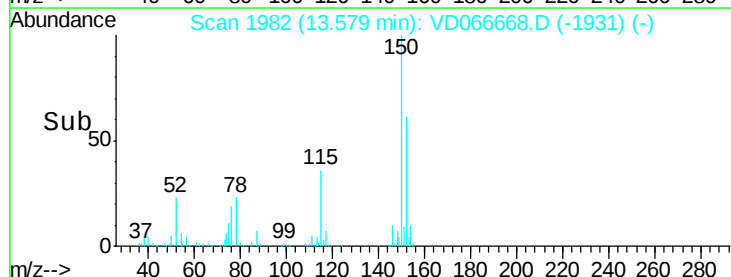
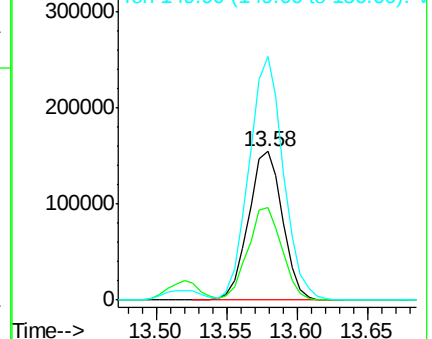
152 100

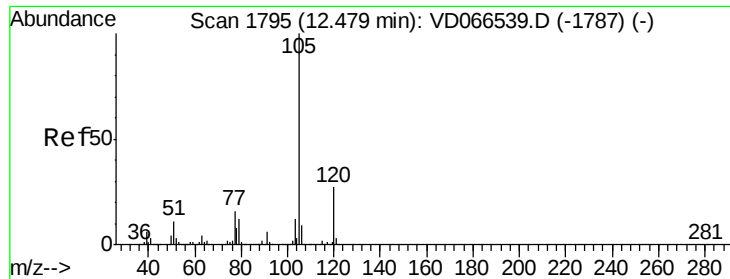
115 62.0 30.4 91.2

150 164.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





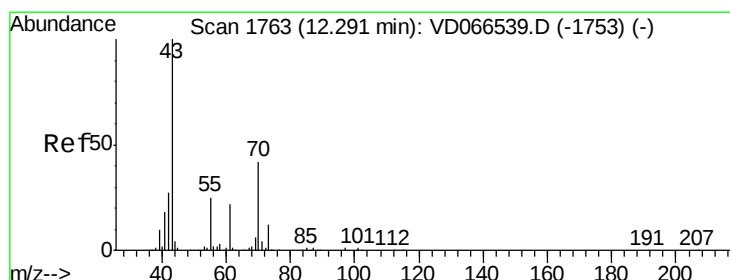
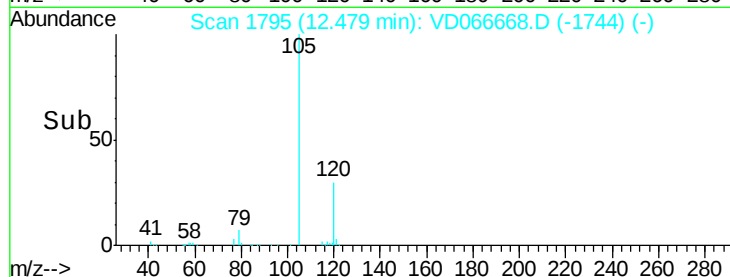
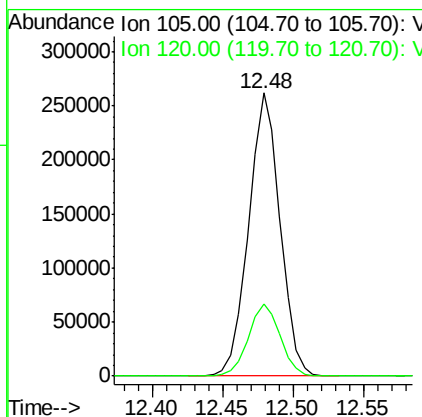
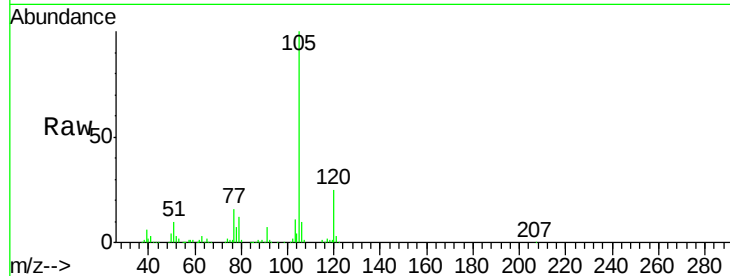
#73
Isopropylbenzene
Concen: 21.148 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.0	39.0

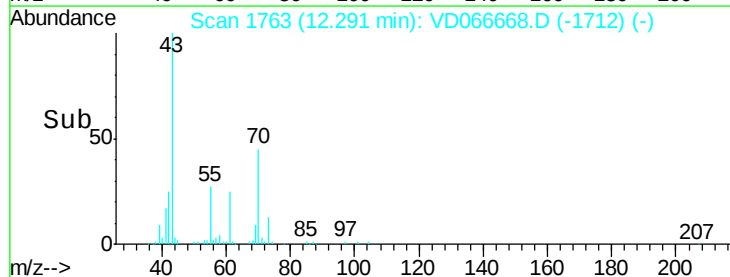
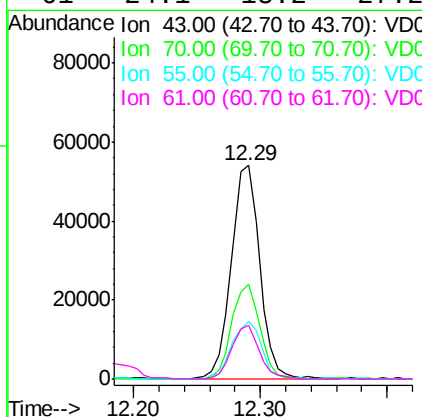
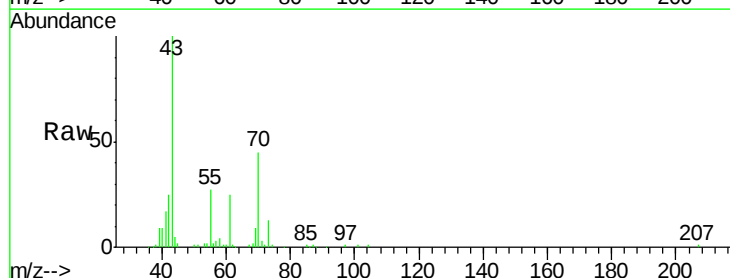
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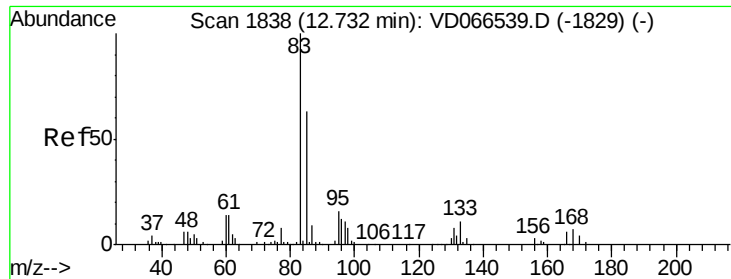
MMDadoda
9/15/2020 2:27:50 PM



#74
N-ethyl acetate
Concen: 19.187 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	33.4	50.2
55	28.0	20.1	30.1
61	24.1	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.844 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

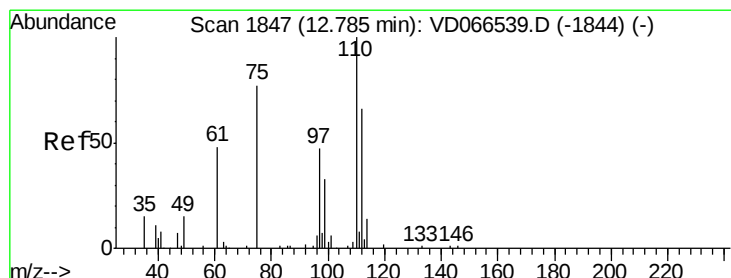
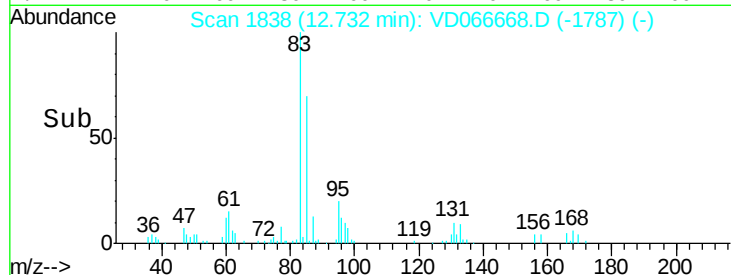
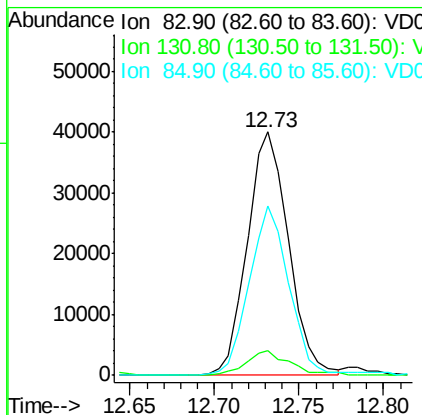
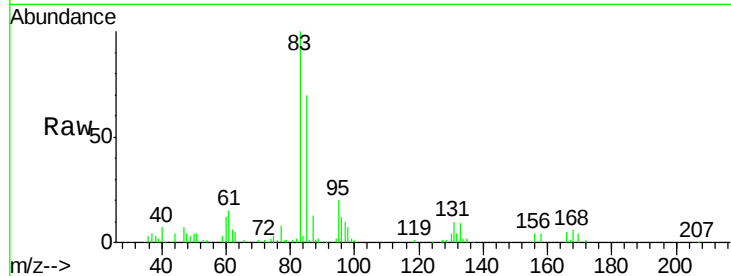
ClientSampleId :

VD0914SBS01

Tot Ion:	83	Resp:	67907
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.0	15.0
85	66.7	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 21.280 ug/l m

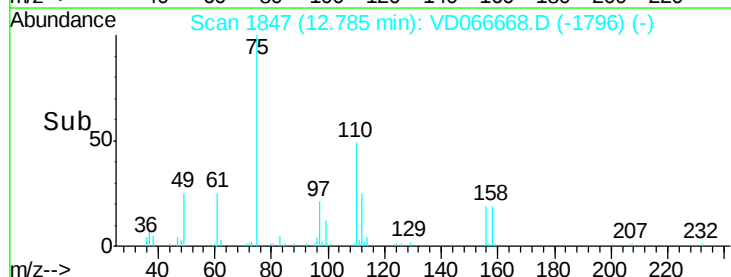
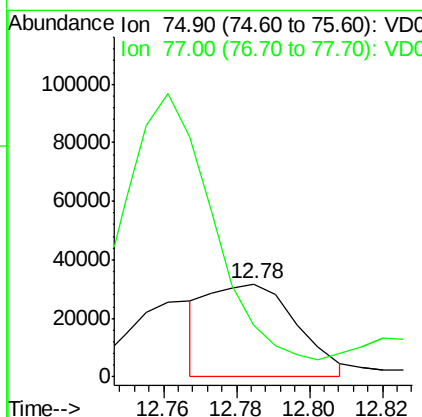
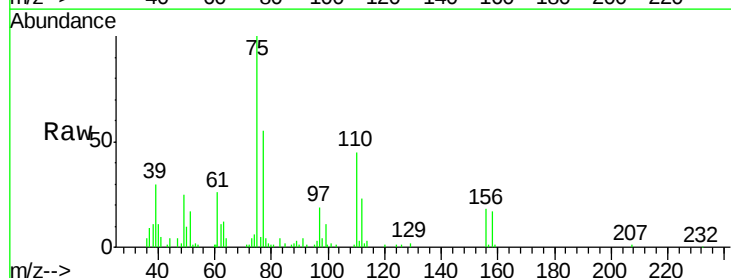
RT: 12.78 min Scan# 1847

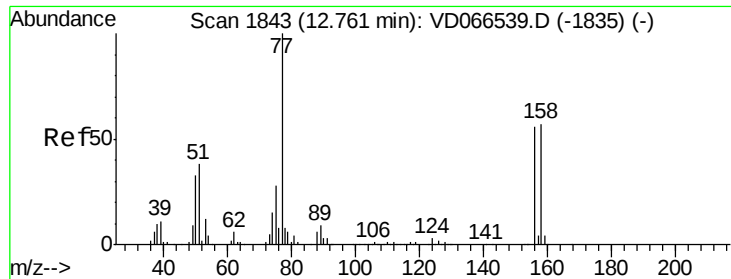
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	75	Resp:	53544
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





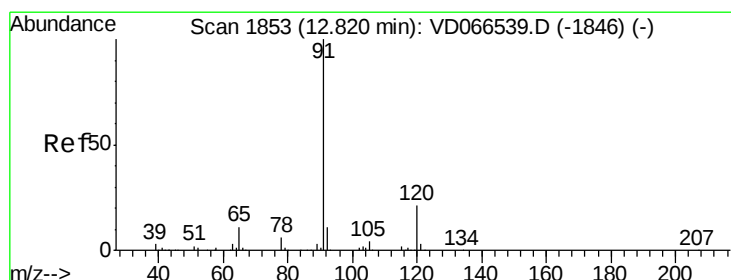
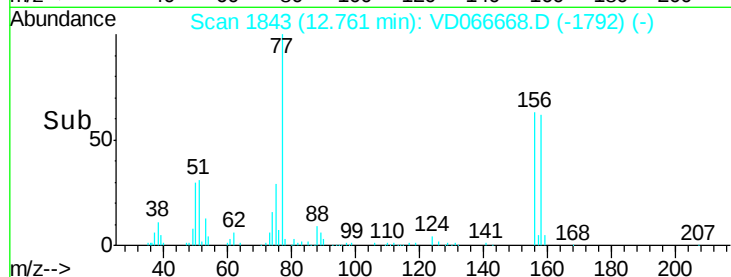
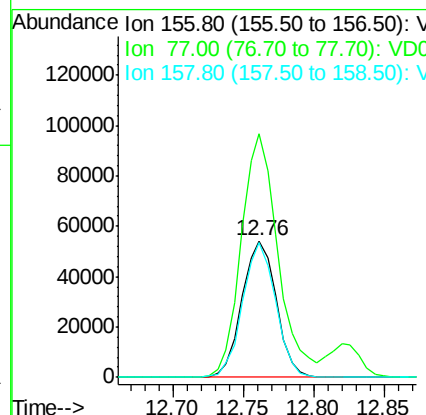
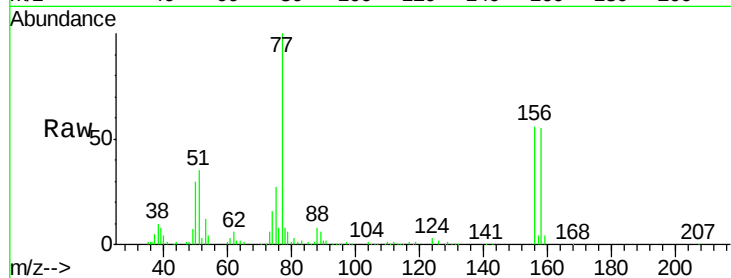
#77
Bromobenzene
Concen: 21.371 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.8	98.0	294.1
158	95.0	48.1	144.3

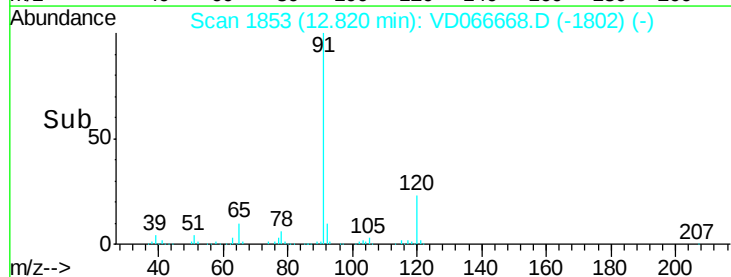
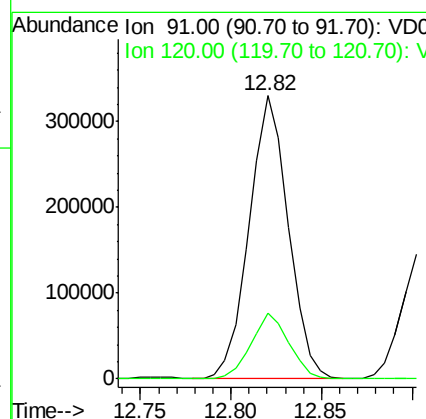
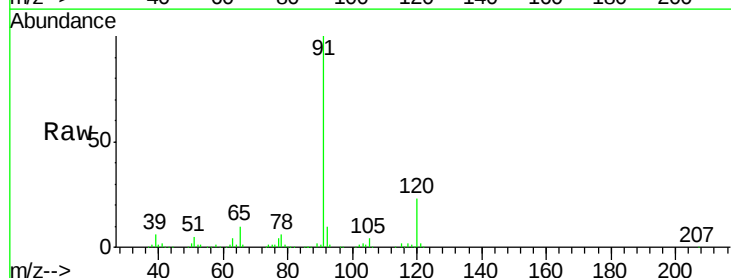
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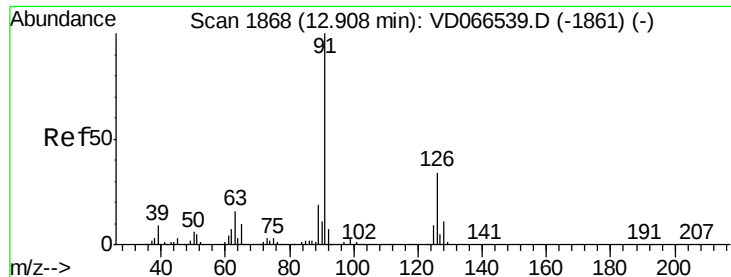
MMDadoda
9/15/2020 2:27:50 PM



#78
n-propylbenzene
Concen: 21.018 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1





#79

2-Chlorotoluene

Concen: 21.228 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBS01

Tot Ion: 91 Resp: 279649

Ion Ratio Lower Upper

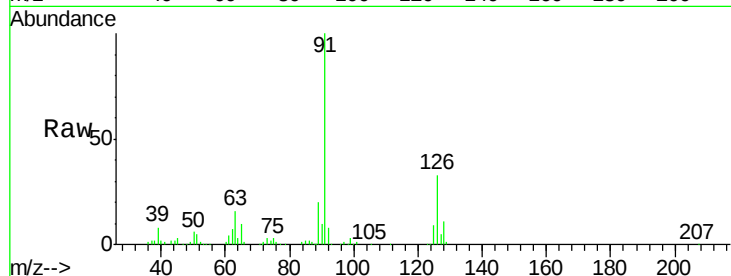
91 100

126 33.5 16.4 49.4

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Abundance Ion 91.00 (90.70 to 91.70): VD066668.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066668.D (-1861) (-)

300000

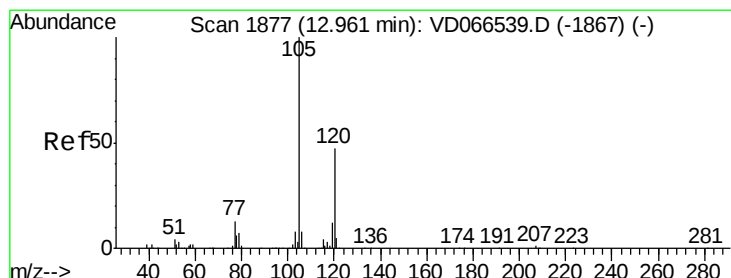
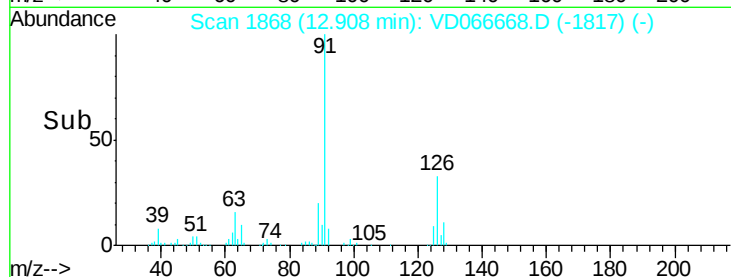
200000

100000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.409 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066668.D

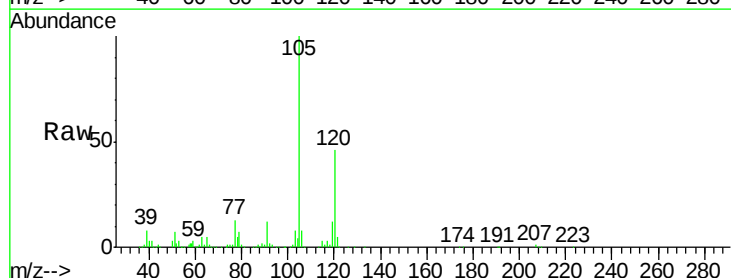
Acq: 14 Sep 2020 12:53

Tgt Ion: 105 Resp: 349037

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066668.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066668.D (-1826) (-)

250000

200000

150000

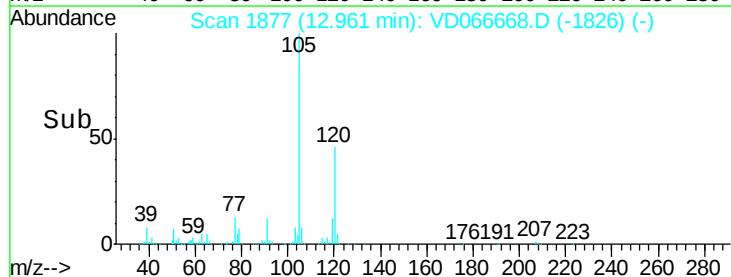
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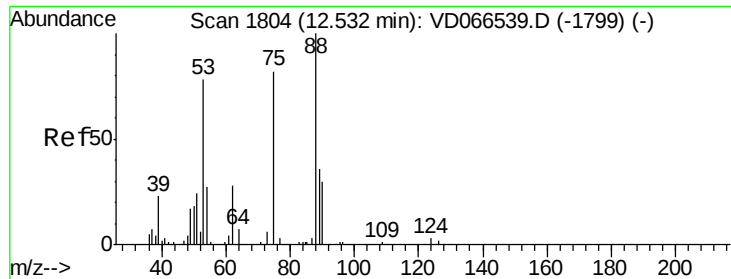
50000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.842 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

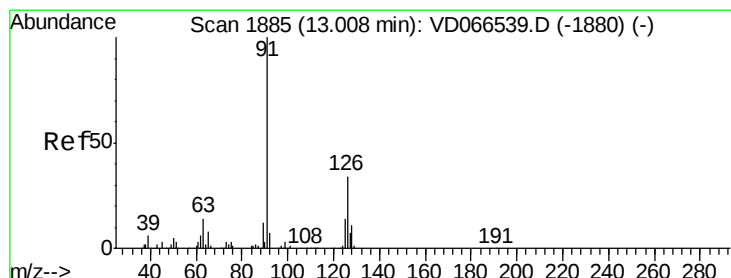
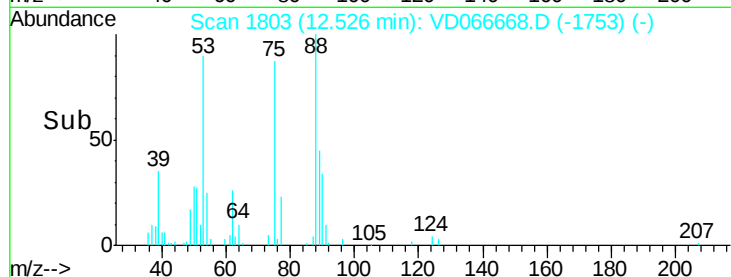
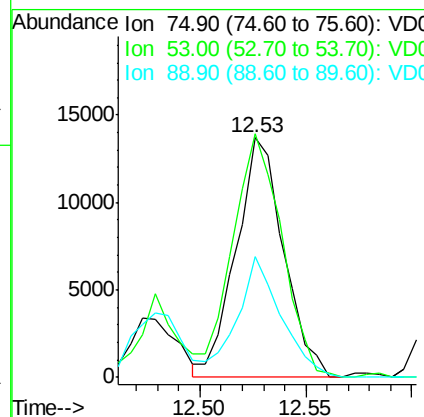
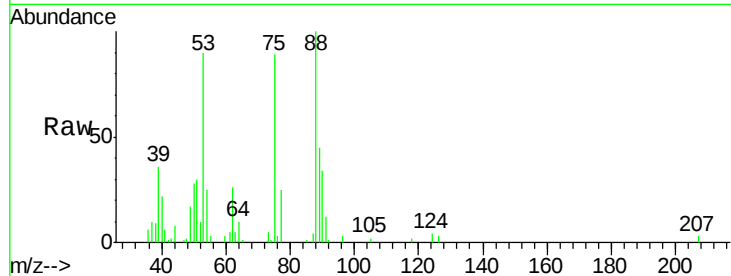
ClientSampleId :

VD0914SBS01

Tot Ion:	75	Resp:	21384
Ion	Ratio	Lower	Upper
75	100		
53	103.8	87.0	130.4
89	46.1	37.1	55.7

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#82

4-Chlorotoluene

Concen: 21.168 ug/l

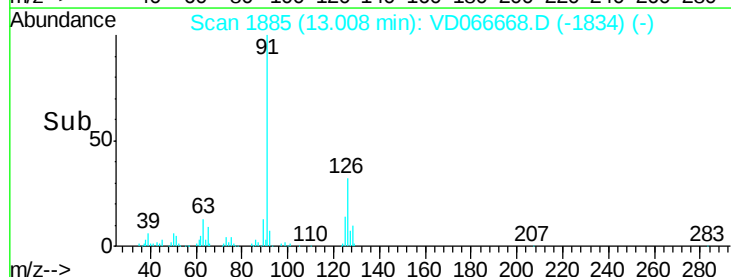
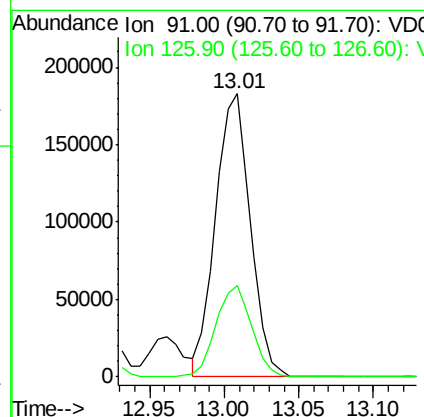
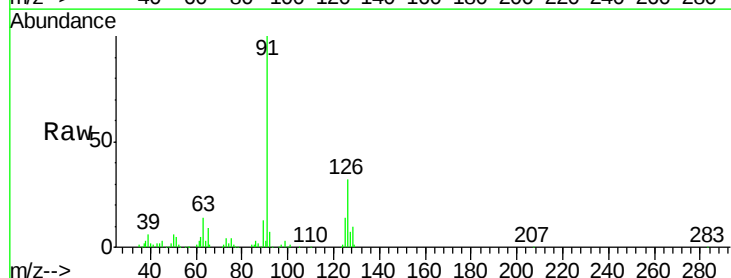
RT: 13.01 min Scan# 1885

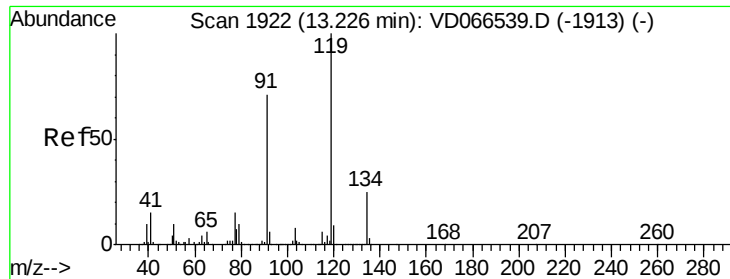
Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	91	Resp:	298192
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.1





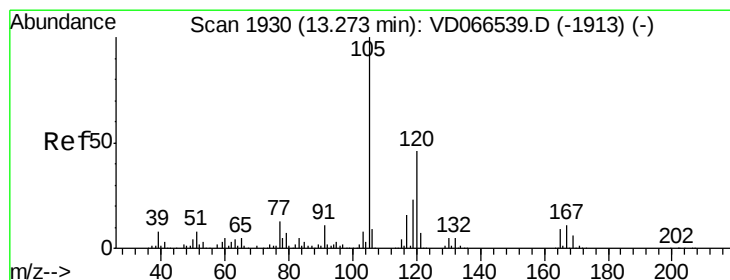
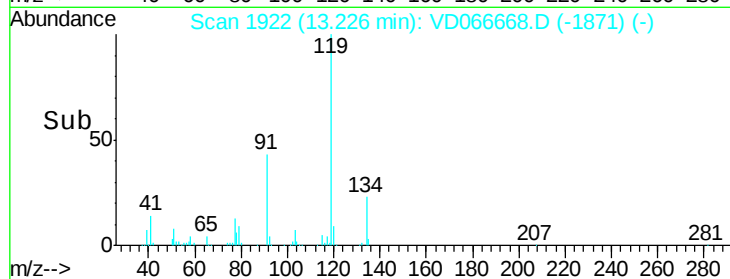
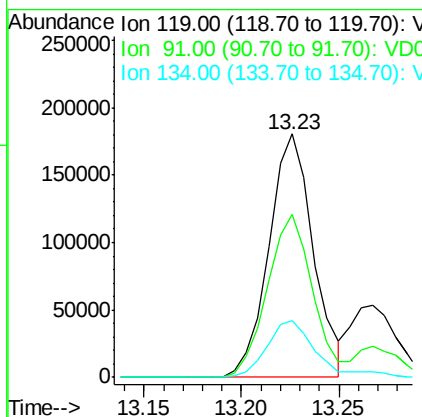
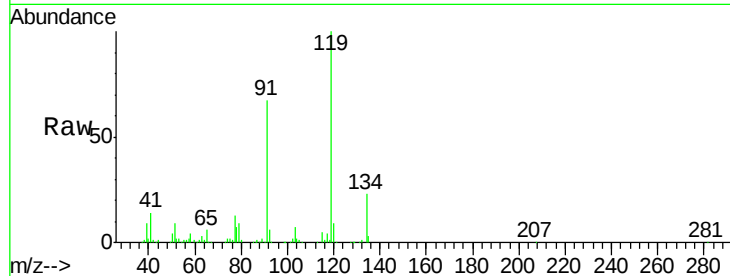
#83
tert-Butylbenzene
Concen: 21.400 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	284909		
91	68.9	35.2	105.6	
134	26.0	13.5	40.5	

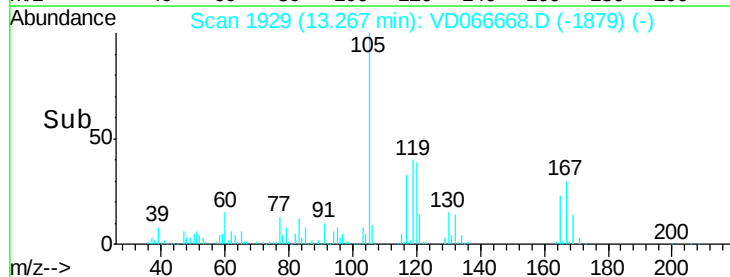
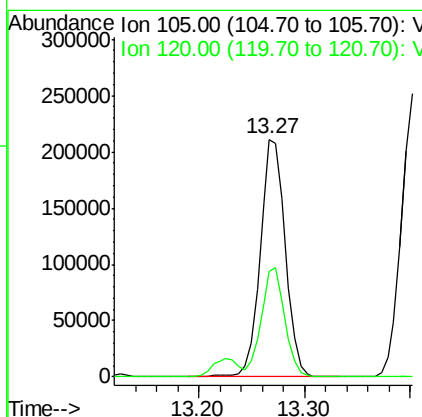
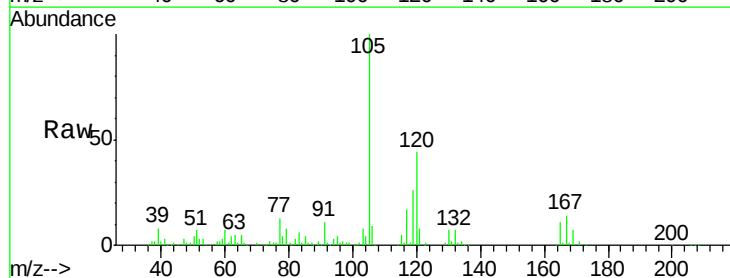
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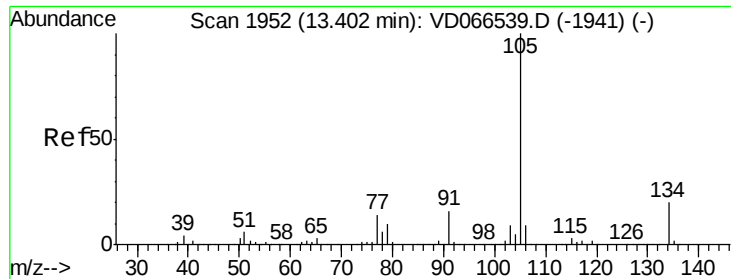
MMDadoda
9/15/2020 2:27:50 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.440 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	348015		
120	43.0	22.6	67.7	





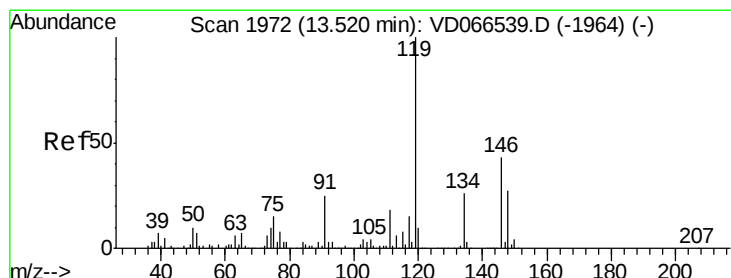
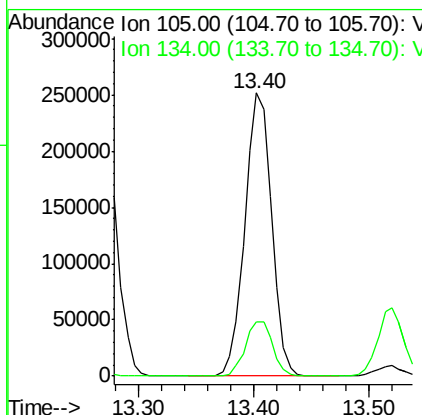
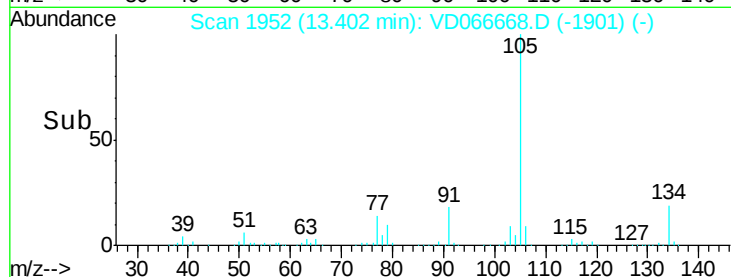
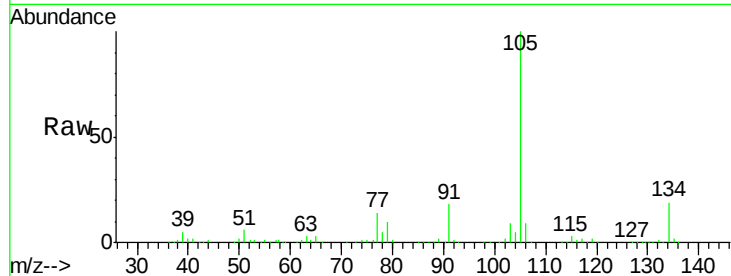
#85
 sec-Butylbenzene
 Concen: 21.157 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	405816		
134	19.9	9.8	29.5	

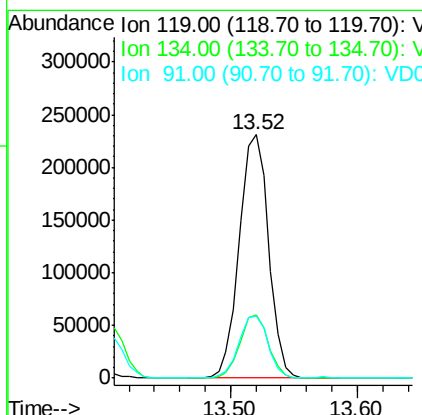
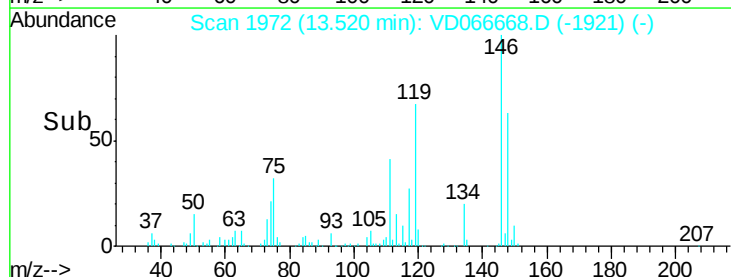
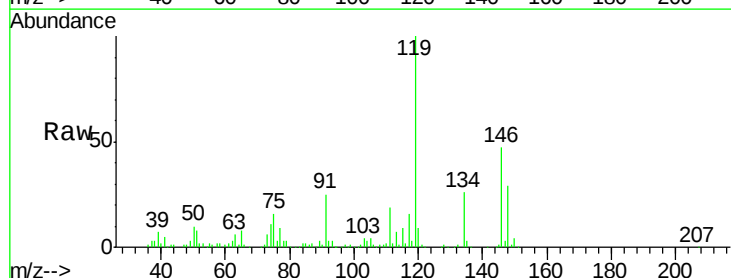
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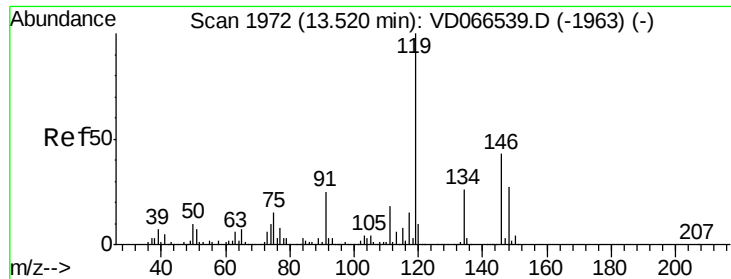
MMDadoda
 9/15/2020 2:27:50 PM



#86
 p-Isopropyltoluene
 Concen: 21.397 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	369405		
134	25.4	12.7	38.0	
91	25.2	12.5	37.5	





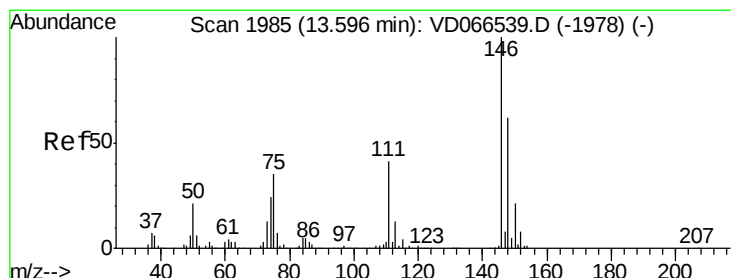
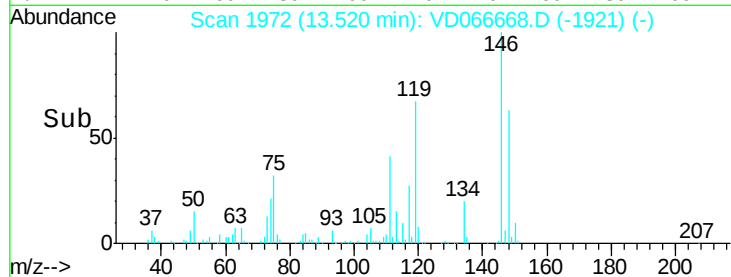
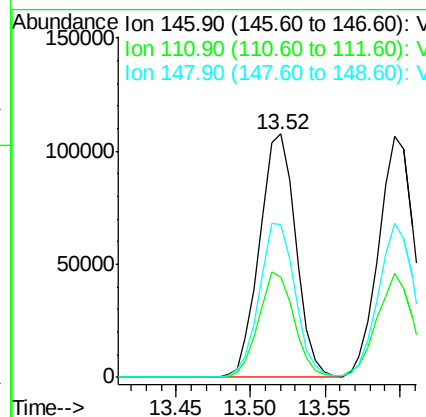
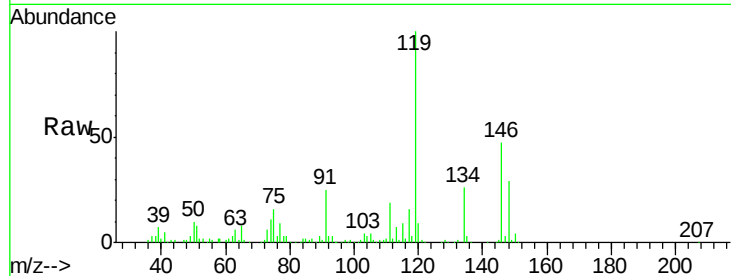
#87
 1,3-Dichlorobenzene
 Concen: 21.059 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180547		
111	42.3	20.6	61.9	
148	62.7	32.1	96.3	

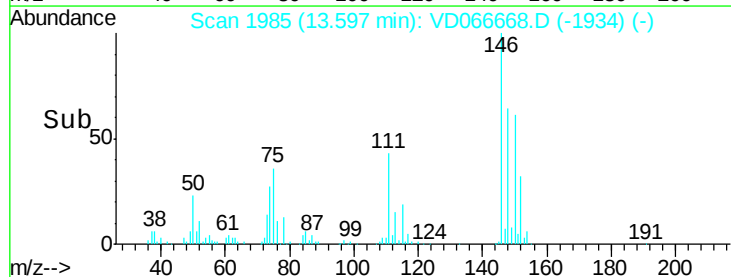
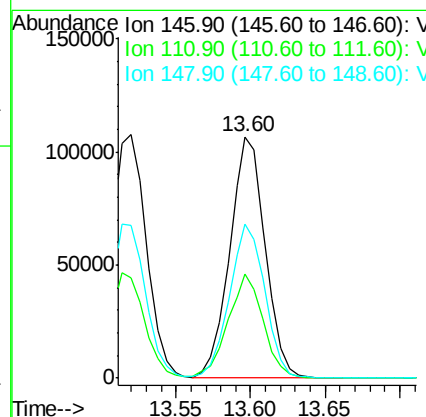
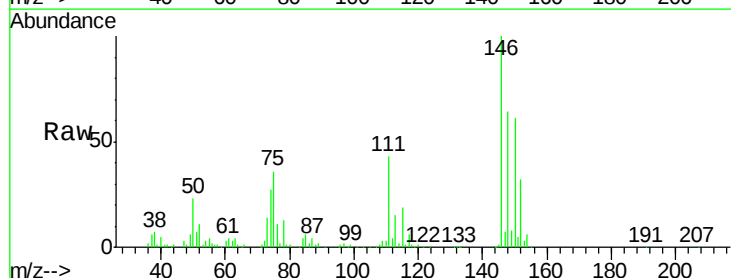
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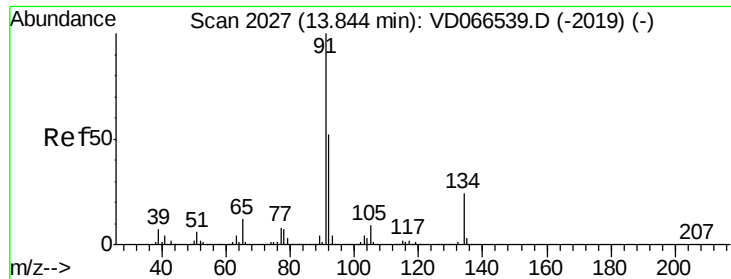
MMDadoda
 9/15/2020 2:27:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.509 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	176484		
111	43.0	20.1	60.2	
148	64.0	31.6	94.8	





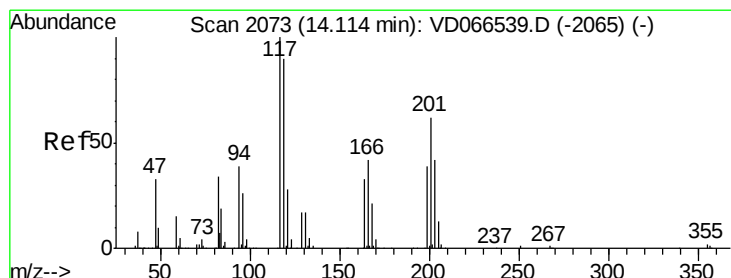
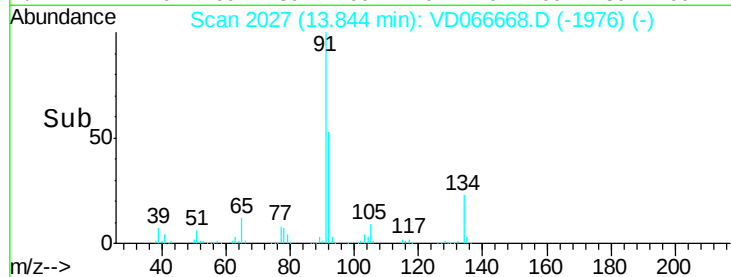
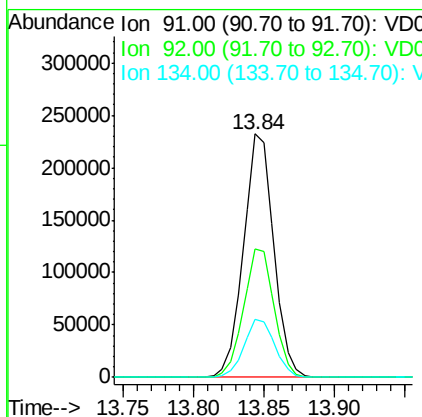
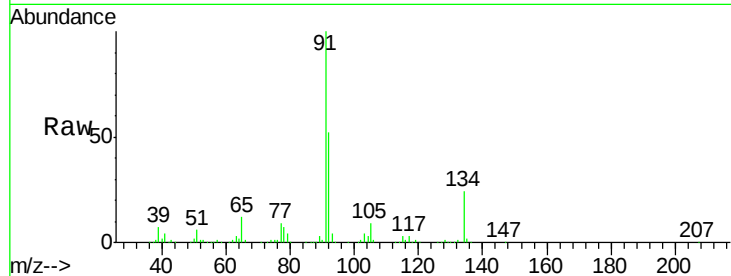
#89
n-Butylbenzene
Concen: 20.679 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	347902		
92	53.2	26.5	79.5	
134	24.3	12.1	36.3	

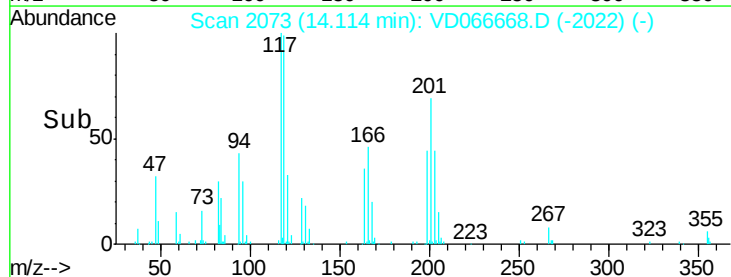
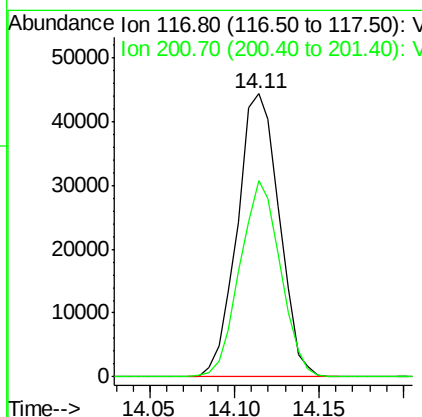
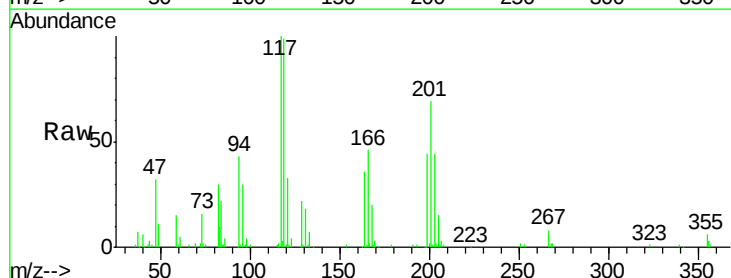
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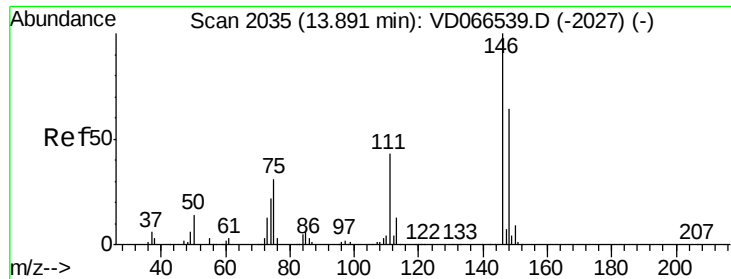
MMDadoda
9/15/2020 2:27:50 PM



#90
Hexachloroethane
Concen: 20.571 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76522		
201	67.1	31.9	95.5	





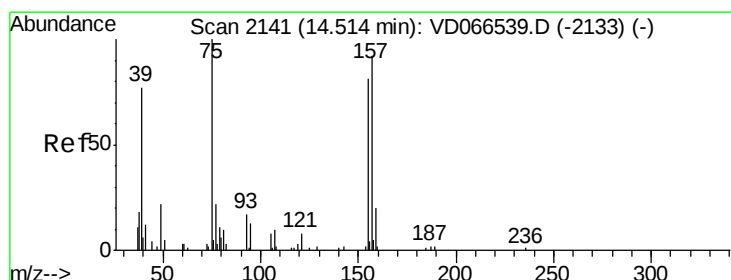
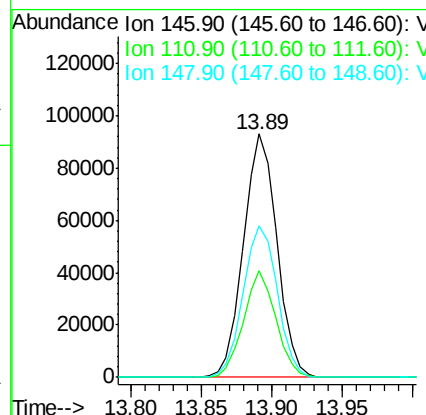
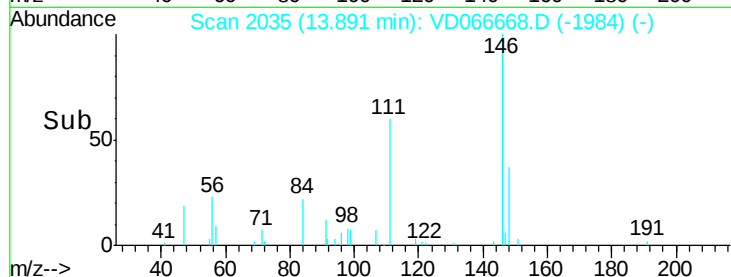
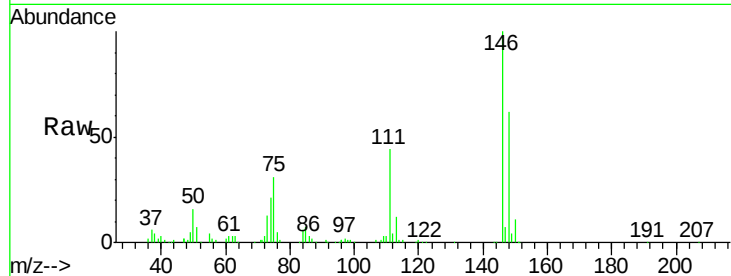
#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154855		
111	42.2		21.1	63.4
148	63.4		31.8	95.3

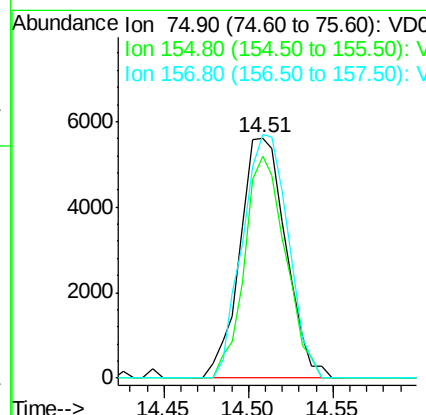
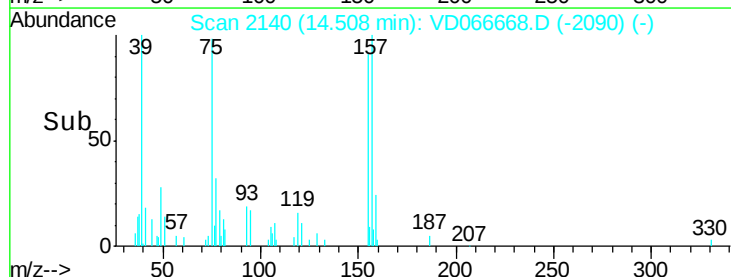
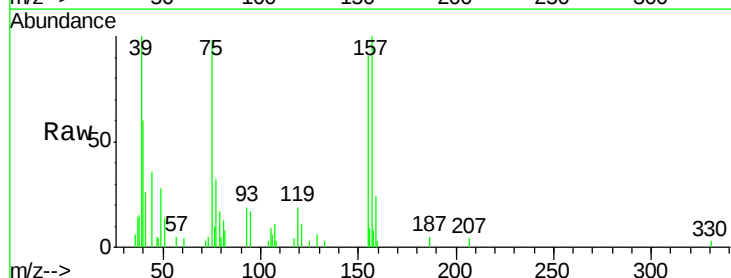
Manual Integrations
 APPROVED

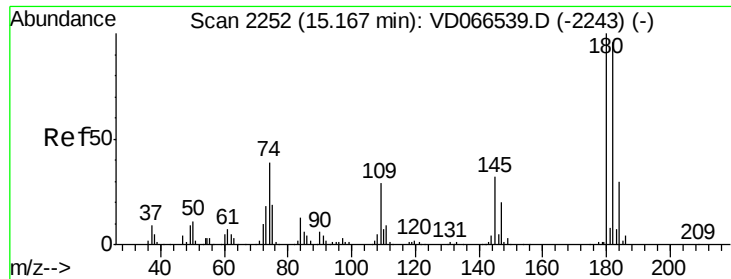
MMDadoda
 9/15/2020 2:27:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.310 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066668.D
 Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10644		
155	82.4		39.3	117.8
157	100.5		46.0	137.8





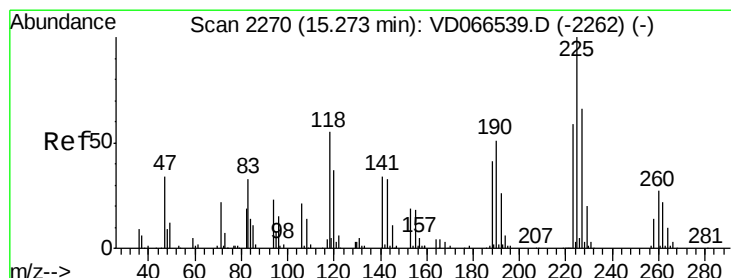
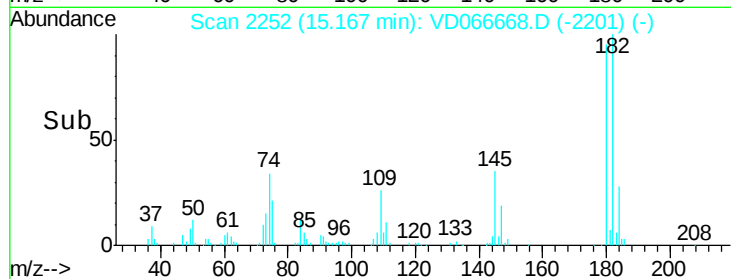
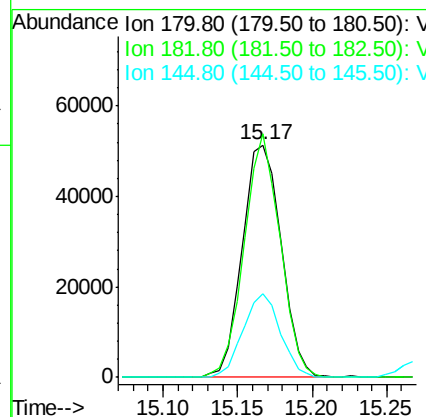
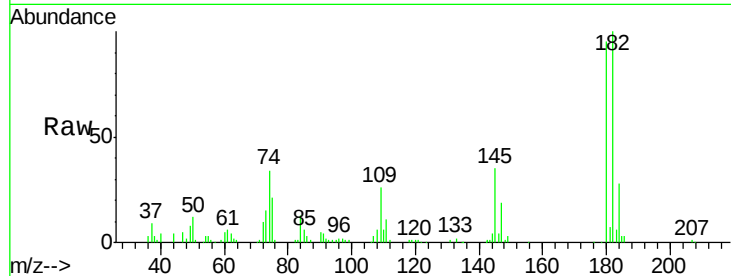
#93
1,2,4-Trichlorobenzene
Concen: 20.681 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	48.4	145.0	
145	34.5	16.7	50.0	

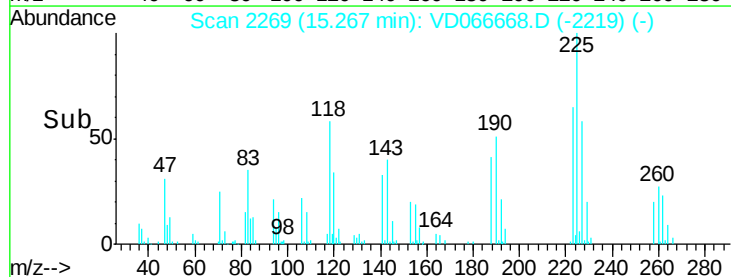
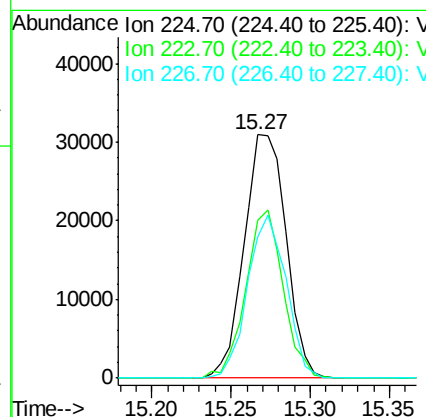
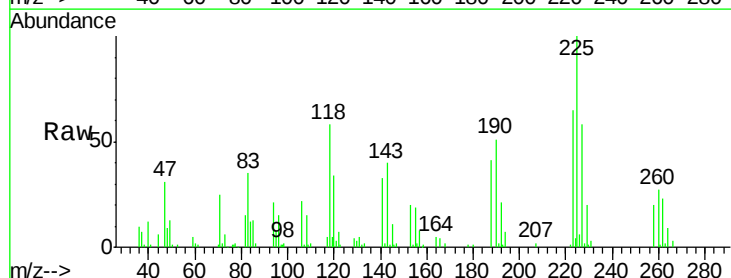
Manual Integrations
APPROVED

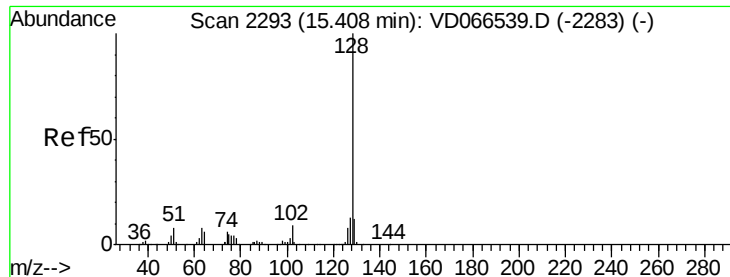
MMDadoda
9/15/2020 2:27:50 PM



#94
Hexachlorobutadiene
Concen: 21.068 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD066668.D
Acq: 14 Sep 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	30.5	91.5	
227	61.3	32.4	97.2	





#95

Naphthalene

Concen: 20.386 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Instrument :

MSVOA_D

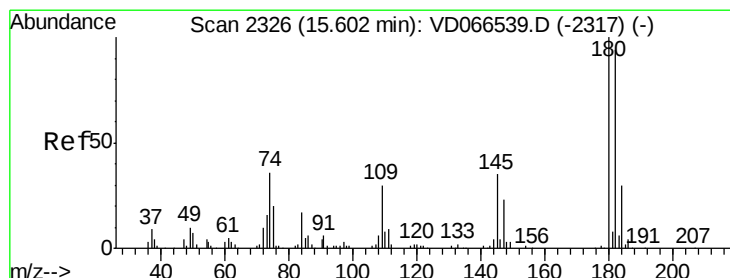
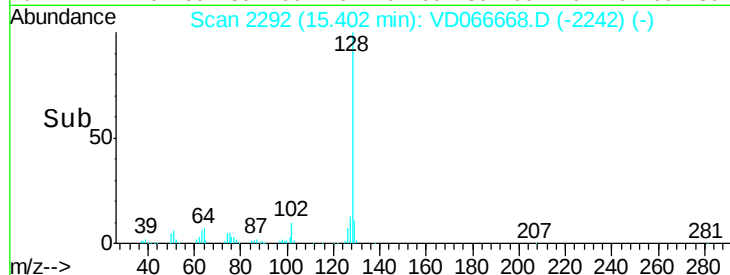
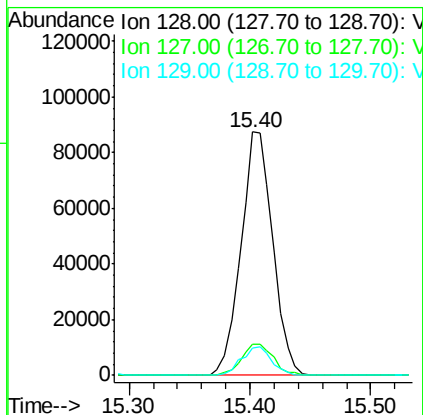
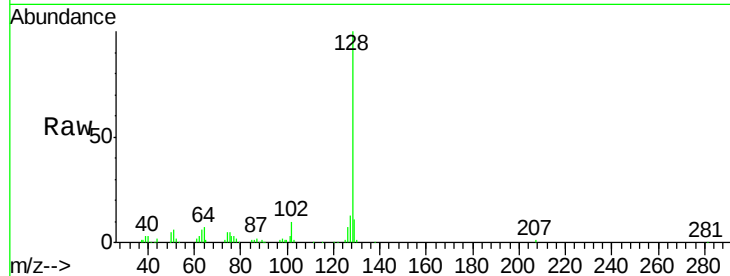
ClientSampleId :

VD0914SBS01

Tot Ion:	128	Resp:	160211
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.2	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:27:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.281 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066668.D

Acq: 14 Sep 2020 12:53

Tgt Ion:	180	Resp:	81597
Ion Ratio		Lower	Upper
180	100		
182	93.0	47.9	143.6
145	36.1	17.3	51.7

