

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066701.D
 Acq On : 15 Sep 2020 17:04
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD091520

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:44:25 AM

Quant Time: Sep 16 01:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	624432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	233379	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	220942	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.33	98	800298	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.63	95	269413	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	161126	50.996	ug/l	97
3) Chloromethane	2.21	50	219335	47.154	ug/l	100
4) Vinyl Chloride	2.35	62	240949	49.496	ug/l	98
5) Bromomethane	2.77	94	165540	47.936	ug/l	98
6) Chloroethane	2.93	64	146828	48.416	ug/l	95
7) Trichlorofluoromethane	3.27	101	411945	48.992	ug/l	99
8) Diethyl Ether	3.70	74	108377	51.473	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	226832	49.088	ug/l	99
10) Methyl Iodide	4.30	142	219792	50.131	ug/l	99
11) Tert butyl alcohol	5.22	59	81166	283.236	ug/l	98
12) 1,1-Dichloroethene	4.07	96	213051	49.813	ug/l	97
13) Acrolein	3.93	56	75993	236.264	ug/l	96
14) Allyl chloride	4.71	41	350761	51.067	ug/l	99
15) Acrylonitrile	5.43	53	242361	262.765	ug/l	98
16) Acetone	4.16	43	227588	245.061	ug/l	93
17) Carbon Disulfide	4.41	76	684963	50.966	ug/l	95
18) Methyl Acetate	4.71	43	109542	55.670	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	518704	54.448	ug/l	97
20) Methylene Chloride	4.96	84	255392	51.358	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	258068	51.790	ug/l	97
22) Diisopropyl ether	6.36	45	721812	51.718	ug/l	99
23) Vinyl Acetate	6.30	43	2143531	276.109	ug/l	98
24) 1,1-Dichloroethane	6.26	63	442189	49.928	ug/l	100
25) 2-Butanone	7.21	43	315351	260.771	ug/l	98
26) 2,2-Dichloropropane	7.21	77	398334	48.638	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	273216	50.119	ug/l	95
28) Bromochloromethane	7.54	49	163111	49.308	ug/l	98
29) Tetrahydrofuran	7.56	42	205098	277.200	ug/l	98
30) Chloroform	7.71	83	472412	50.119	ug/l	97
31) Cyclohexane	7.98	56	405984	50.397	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	436064	50.557	ug/l	99
36) 1,1-Dichloropropene	8.11	75	369538	51.589	ug/l	100
37) Ethyl Acetate	7.29	43	145806	53.767	ug/l	98
38) Carbon Tetrachloride	8.10	117	391191	51.426	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	435144	53.109	ug/l	98
40) Benzene	8.35	78	991924	51.185	ug/l	97
41) Methacrylonitrile	7.52	41	65316m	45.496	ug/l	
42) 1,2-Dichloroethane	8.42	62	305438	50.874	ug/l	98
43) Isopropyl Acetate	8.45	43	274740	53.826	ug/l	98
44) Trichloroethene	9.11	130	267366	51.601	ug/l	96
45) 1,2-Dichloropropane	9.38	63	248618	51.894	ug/l	98
46) Dibromomethane	9.47	93	139371	52.940	ug/l	99
47) Bromodichloromethane	9.66	83	366715	51.120	ug/l	97
48) Methyl methacrylate	9.45	41	149492	57.580	ug/l	99
49) 1,4-Dioxane	9.46	88	31081	1102.147	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	710676	270.445	ug/l	99
52) Toluene	10.40	92	640054	51.557	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	340603	53.149	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	407785	53.574	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	177816	51.229	ug/l	97
56) Ethyl methacrylate	10.66	69	222771	56.556	ug/l	98
57) 1,3-Dichloropropane	10.94	76	312562	51.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	423869	245.019	ug/l	99
59) 2-Hexanone	10.98	43	495086	280.398	ug/l	98
60) Dibromochloromethane	11.14	129	236333	52.255	ug/l	98
61) 1,2-Dibromoethane	11.24	107	174262	52.337	ug/l	97
64) Tetrachloroethene	10.87	164	215511	50.559	ug/l	97
65) Chlorobenzene	11.67	112	649964	50.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	243917	51.135	ug/l	98
67) Ethyl Benzene	11.74	91	1224096	52.273	ug/l	97
68) m/p-Xylenes	11.85	106	918888	103.822	ug/l	100
69) o-Xylene	12.18	106	416428	53.243	ug/l	100
70) Styrene	12.20	104	725577	52.709	ug/l	98
71) Bromoform	12.36	173	128440	53.653	ug/l #	97
73) Isopropylbenzene	12.48	105	1152065	53.119	ug/l	100
74) N-amyl acetate	12.29	43	254419	55.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	191475	51.955	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	147761m	59.419	ug/l	
77) Bromobenzene	12.76	156	252739	50.560	ug/l	99
78) n-propylbenzene	12.82	91	1402537	53.049	ug/l	99
79) 2-Chlorotoluene	12.91	91	773066	51.712	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	965365	52.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	63306	54.941	ug/l	99
82) 4-Chlorotoluene	13.01	91	821319	51.958	ug/l	99
83) tert-Butylbenzene	13.23	119	817229	54.070	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	978197	53.376	ug/l	99
85) sec-Butylbenzene	13.40	105	1155640	53.333	ug/l	99
86) p-Isopropyltoluene	13.52	119	1070465	54.340	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	496043	51.723	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	491948	51.513	ug/l	98
89) n-Butylbenzene	13.84	91	1016290	54.255	ug/l	99
90) Hexachloroethane	14.11	117	207796	51.348	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	419131	51.005	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32064	53.821	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	272380	54.803	ug/l	99
94) Hexachlorobutadiene	15.27	225	152841	51.041	ug/l	97
95) Naphthalene	15.40	128	503115	57.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	238505	54.940	ug/l	100

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

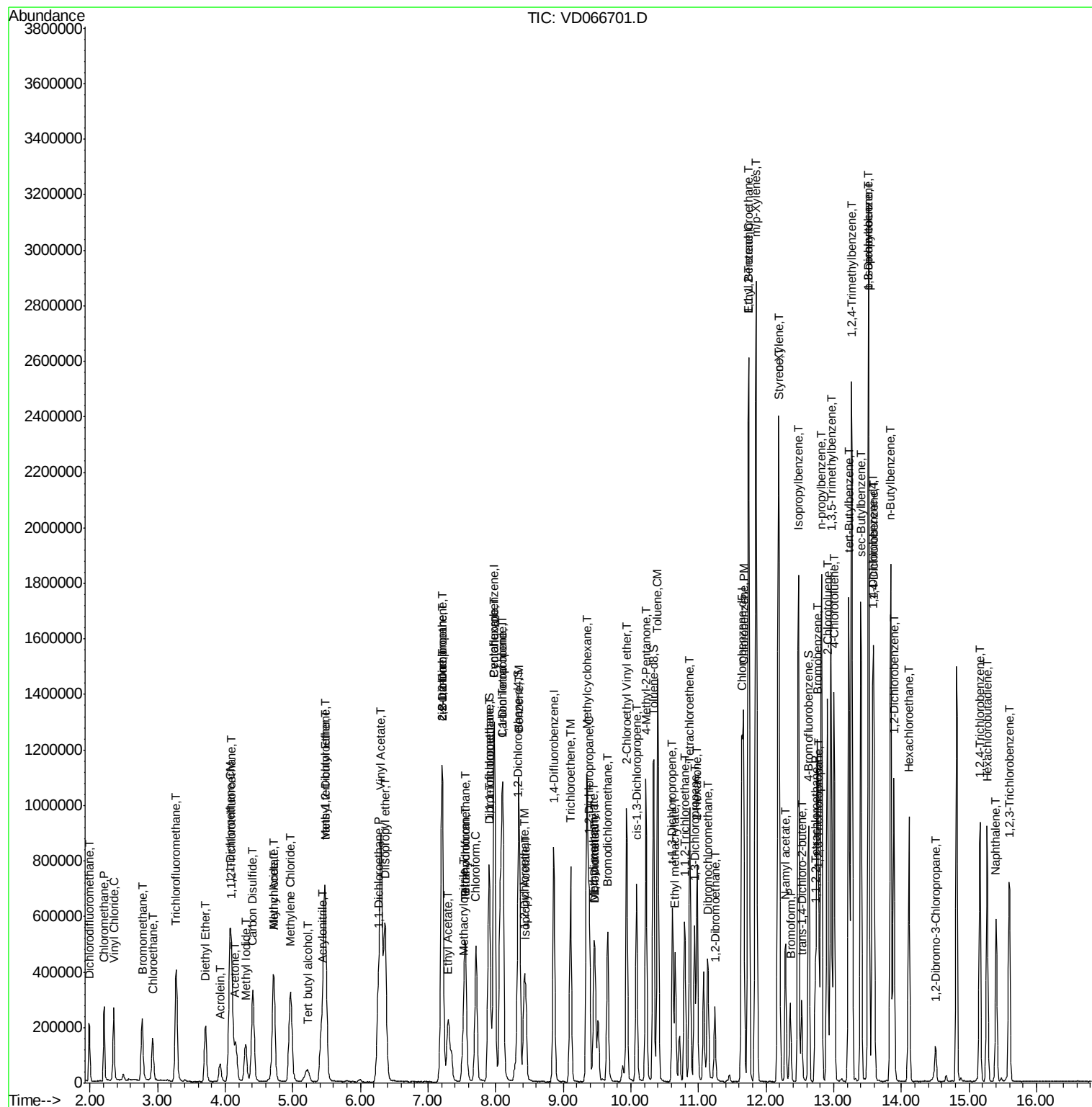
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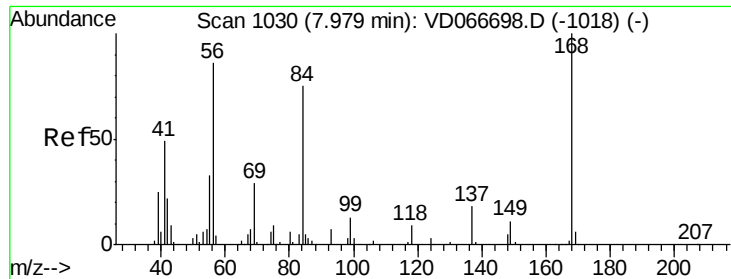
Instrument :
MSVOA_D
Client Sampled :
ICVVD091520

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion:168 Resp: 427440

Ion Ratio Lower Upper

168 100

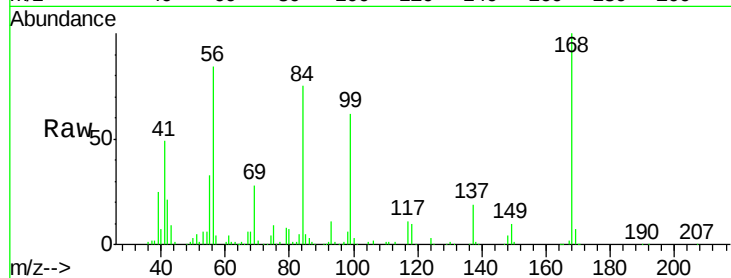
99 61.3 54.4 81.6

Manual Integrations

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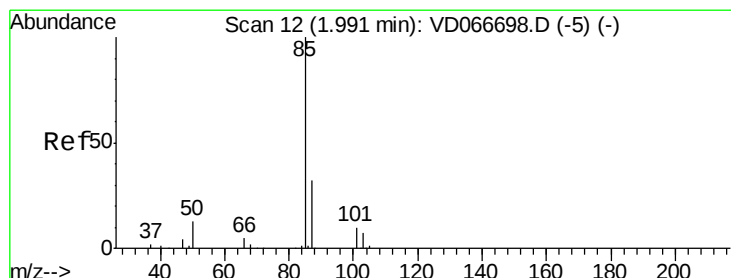
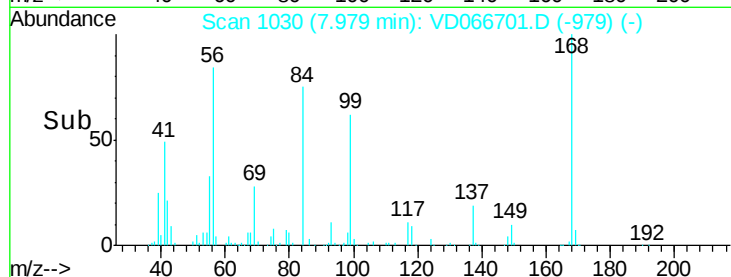
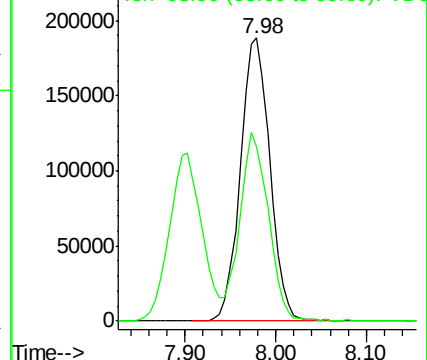
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.996 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066701.D

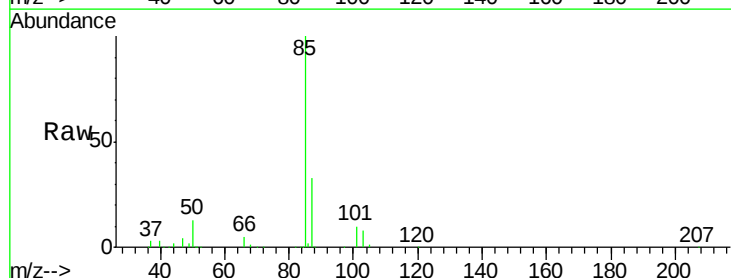
Acq: 15 Sep 2020 17:04

Tgt Ion: 85 Resp: 161126

Ion Ratio Lower Upper

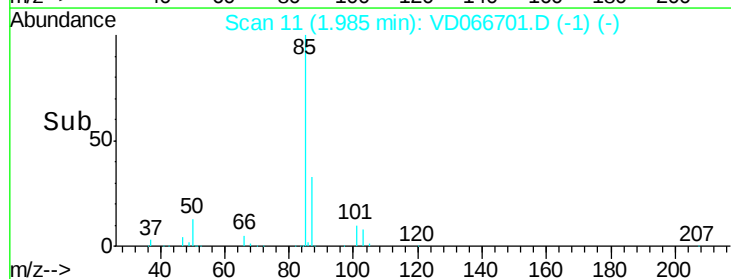
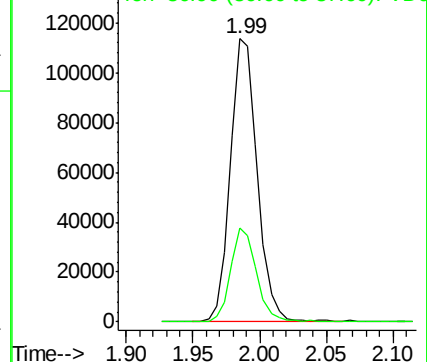
85 100

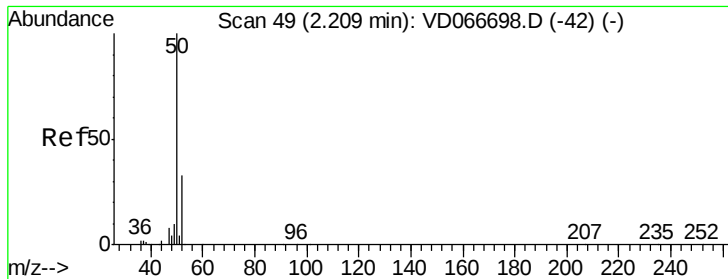
87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.154 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion: 50 Resp: 219335

Ion Ratio Lower Upper

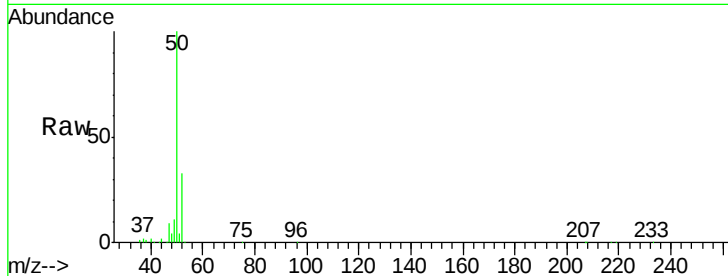
50 100

52 33.3 26.8 40.2

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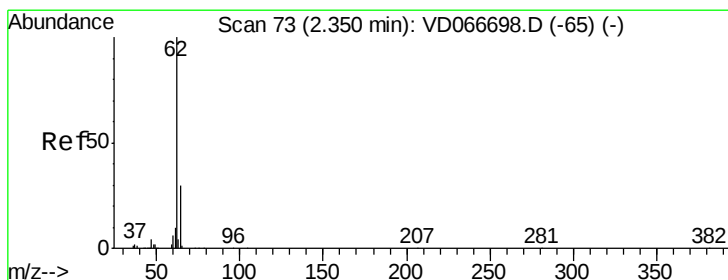
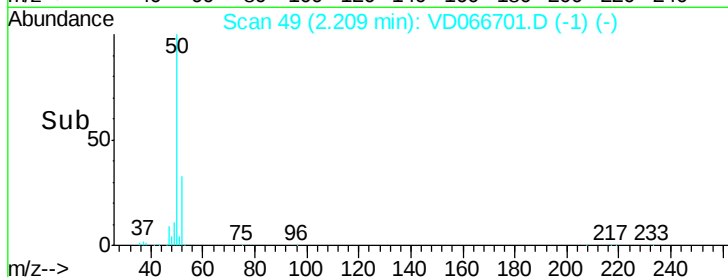
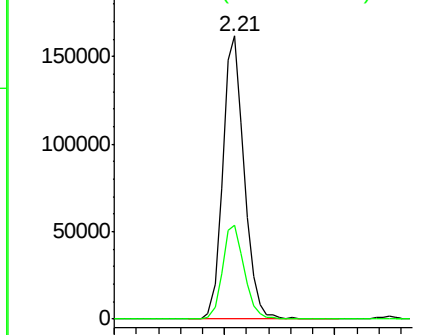
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.496 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066701.D

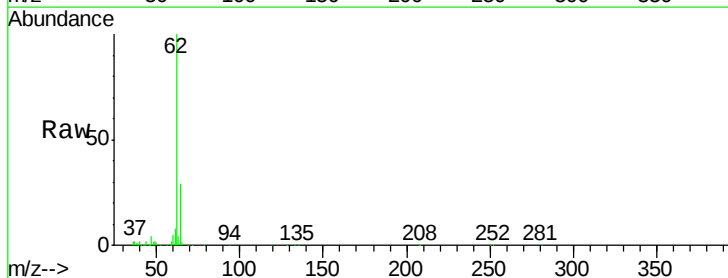
Acq: 15 Sep 2020 17:04

Tgt Ion: 62 Resp: 240949

Ion Ratio Lower Upper

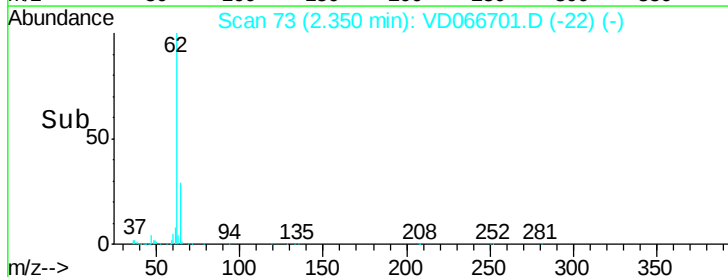
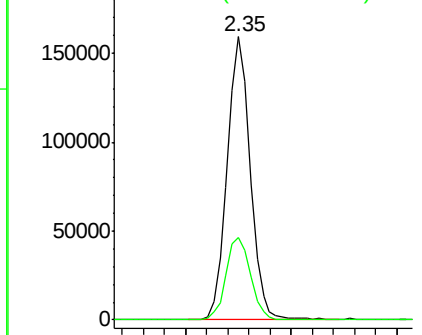
62 100

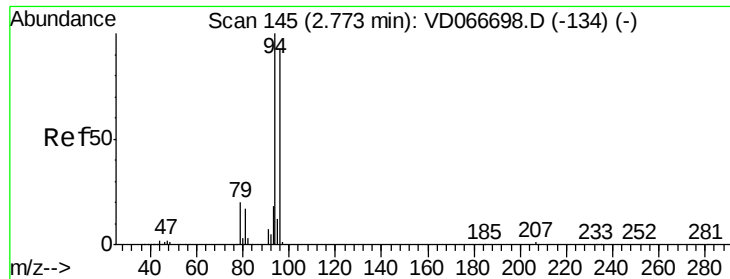
64 29.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.936 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066701.D

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Tot Ion: 94 Resp: 165540

Ion Ratio Lower Upper

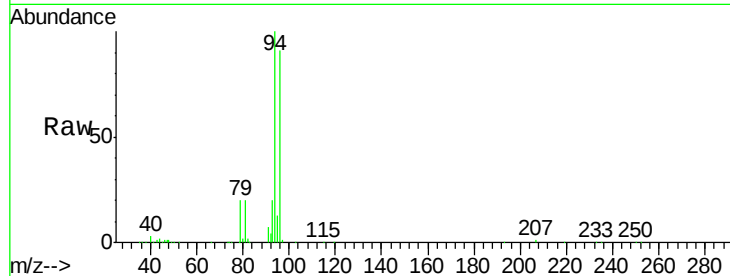
94 100

96 91.0 74.7 112.1

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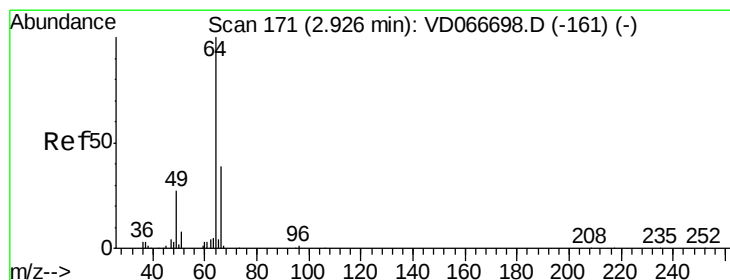
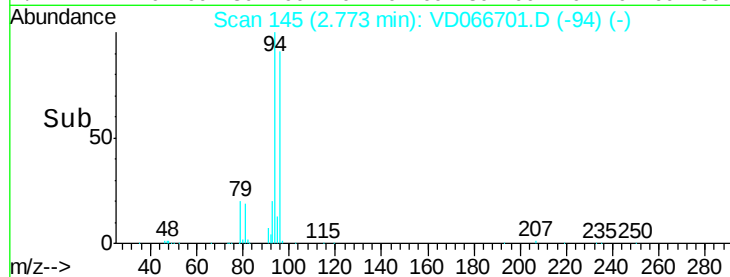
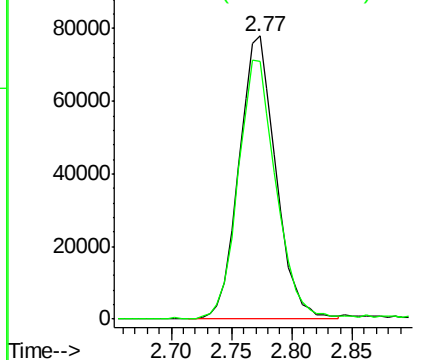
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.416 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066701.D

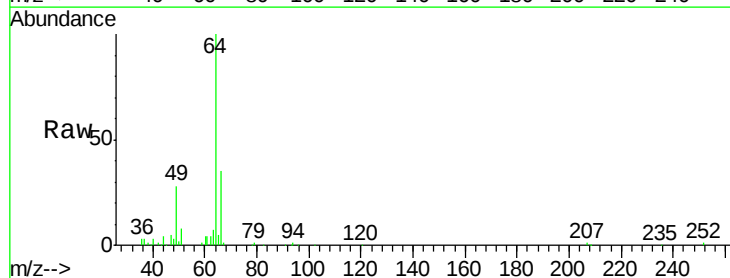
Acq: 15 Sep 2020 17:04

Tgt Ion: 64 Resp: 146828

Ion Ratio Lower Upper

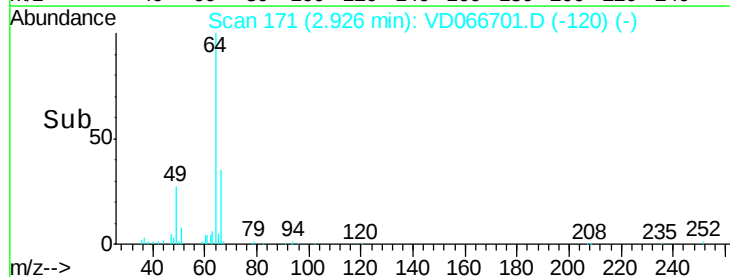
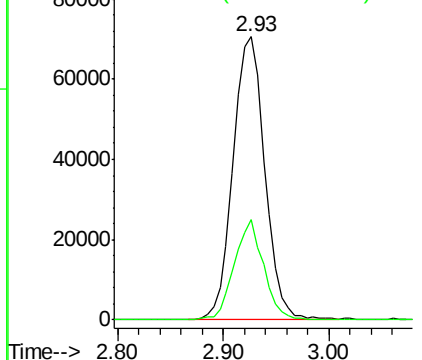
64 100

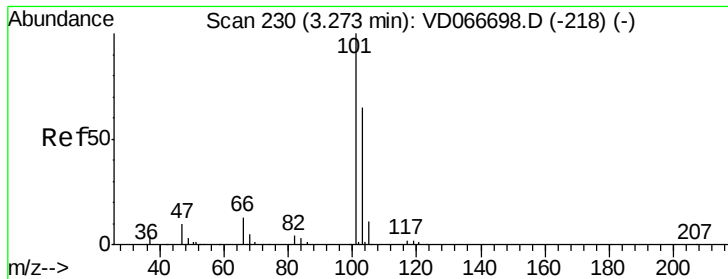
66 35.4 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

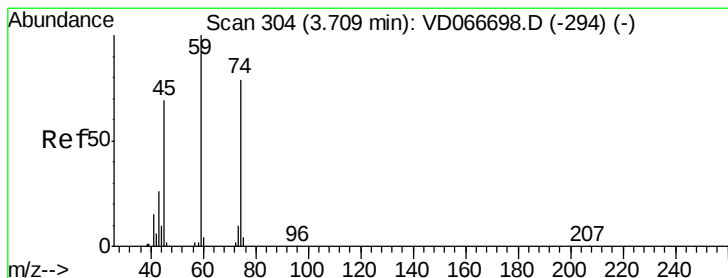
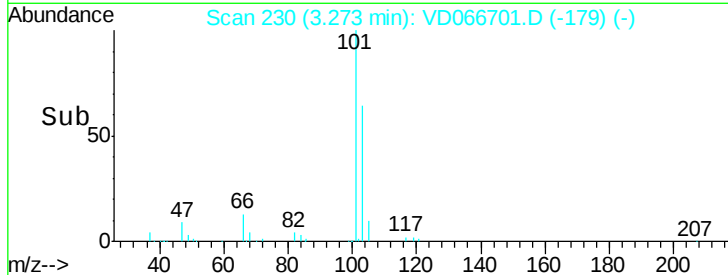
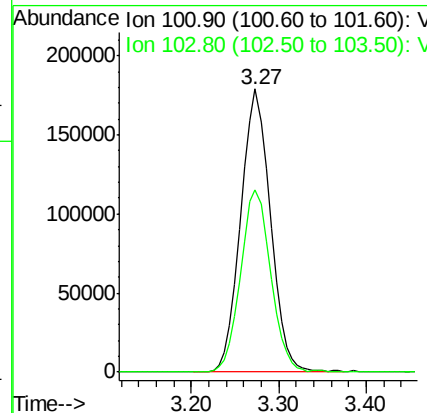
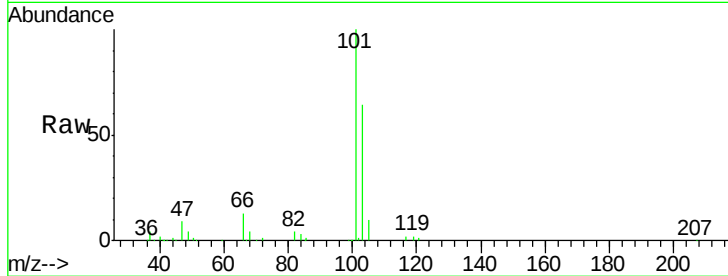
Trichlorofluoromethane
 Concen: 48.992 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.8	77.8

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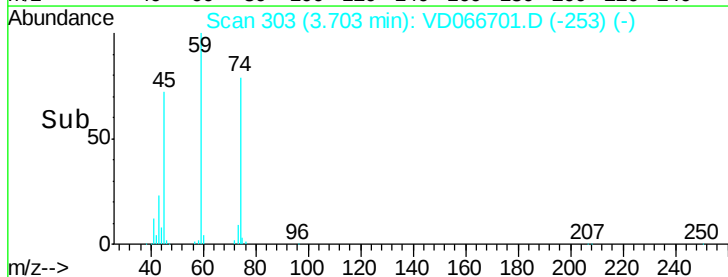
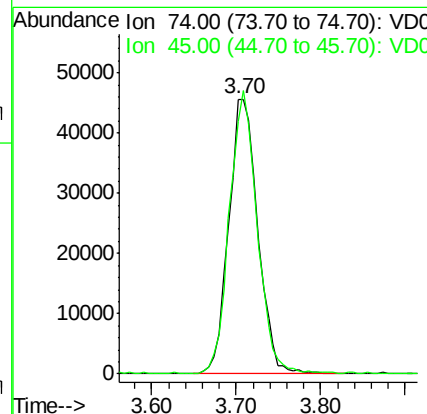
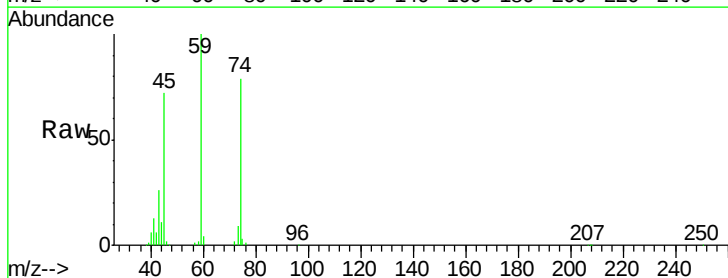
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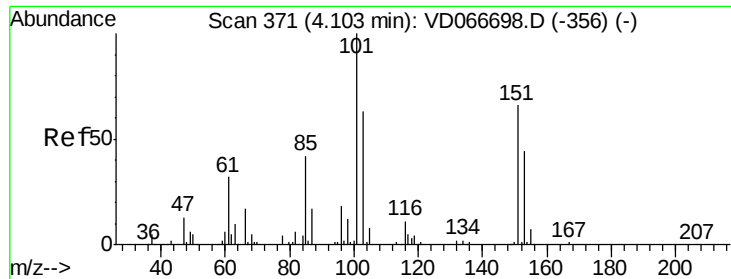


#8

Diethyl Ether
 Concen: 51.473 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.088 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

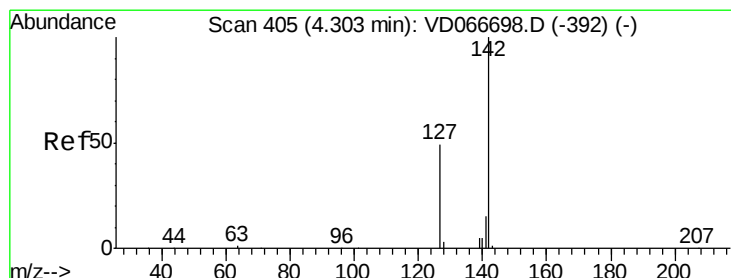
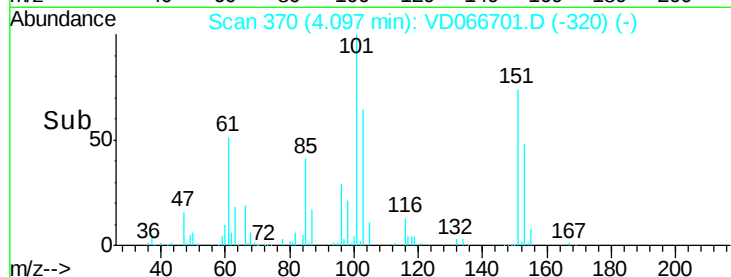
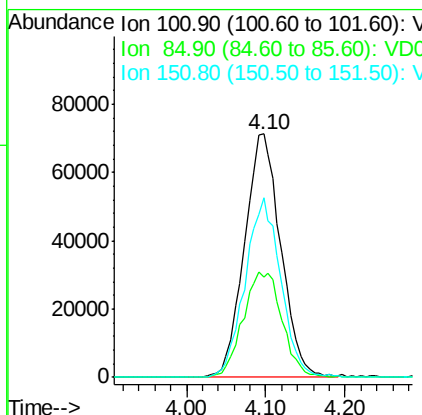
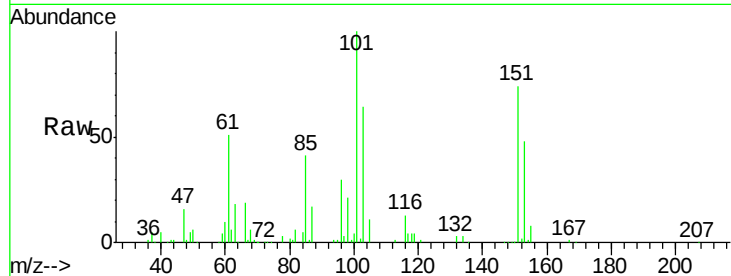
ClientSampleId :

ICVVD091520

Tot Ion:	101	Resp:	226832
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.3	54.5
151	72.6	58.0	87.0

Manual Integrations
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#10

Methyl Iodide

Concen: 50.131 ug/l

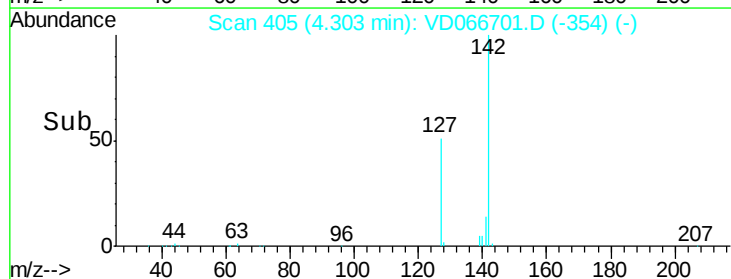
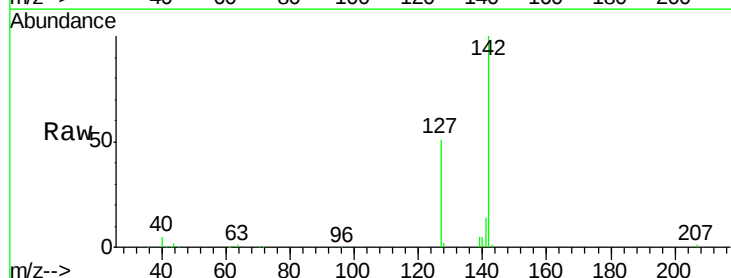
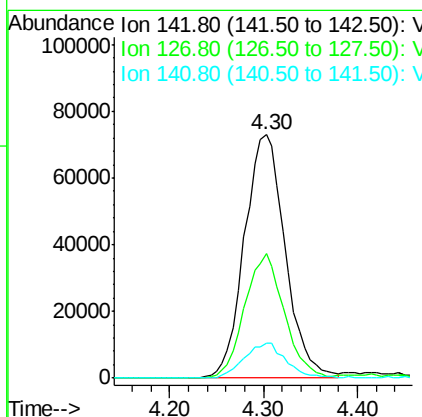
RT: 4.30 min Scan# 405

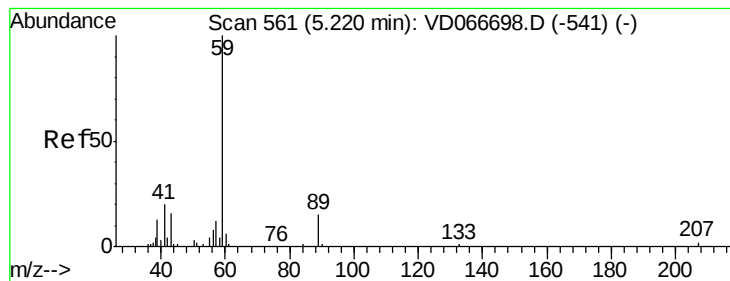
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	142	Resp:	219792
Ion Ratio	Lower	Upper	
142	100		
127	49.5	39.0	58.4
141	14.8	11.7	17.5





#11

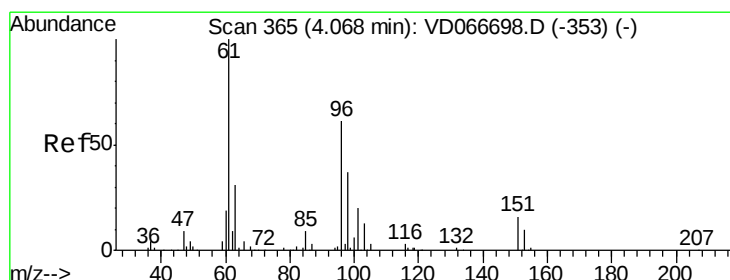
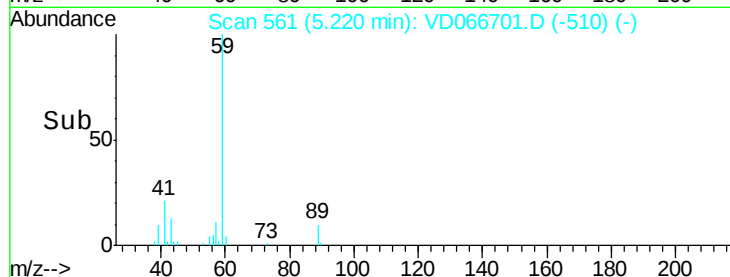
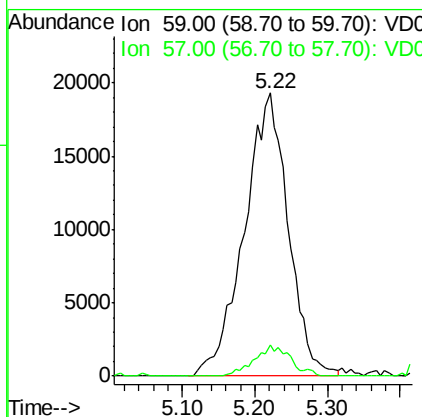
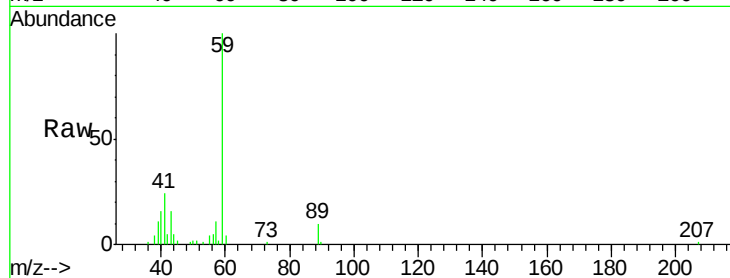
Tert butyl alcohol
Concen: 283.236 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
59	100	81166		
57	9.1		6.7	10.1

Manual Integrations
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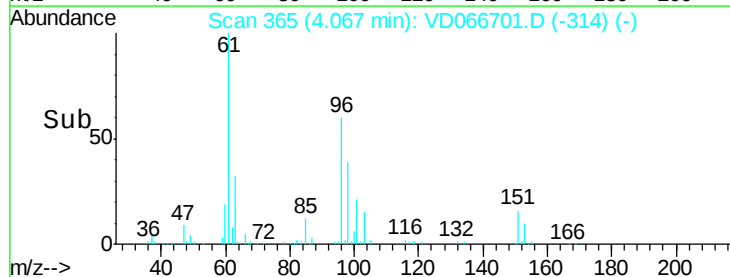
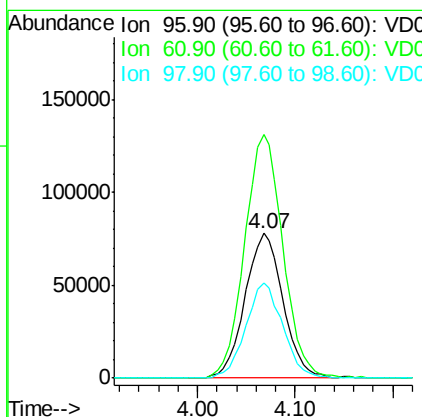
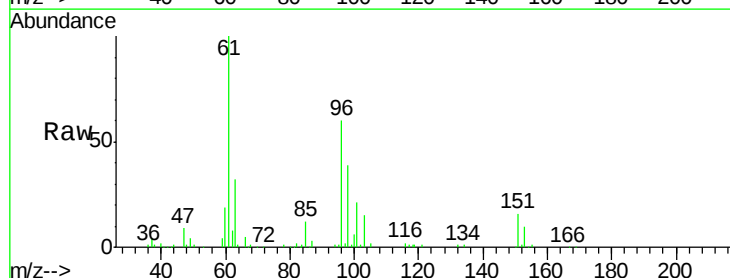
MMDadoda
9/16/2020 11:44:25 AM

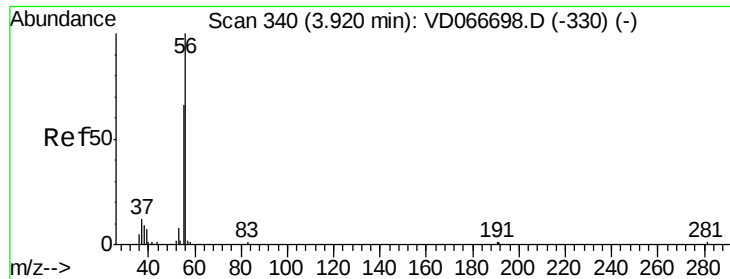


#12

1,1-Dichloroethene
Concen: 49.813 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	213051		
61	168.0		131.9	197.9
98	65.8		49.1	73.7





#13

Acrolein

Concen: 236.264 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion: 56 Resp: 75993

Ion Ratio Lower Upper

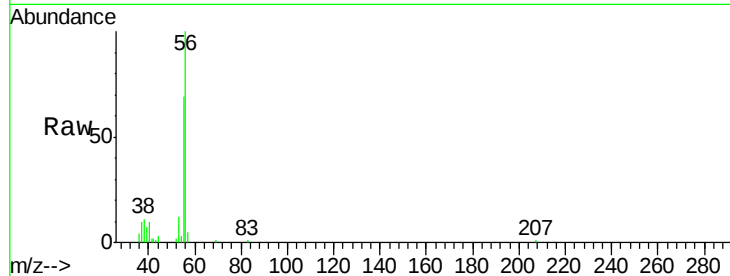
56 100

55 71.5 54.7 82.1

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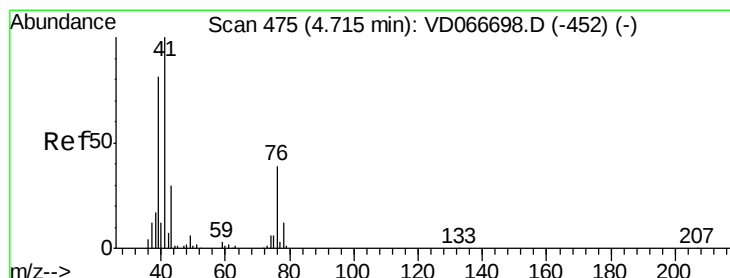
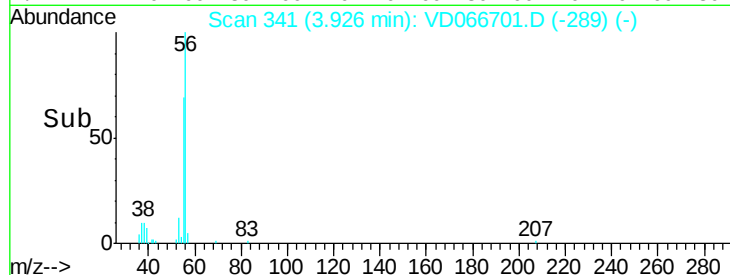
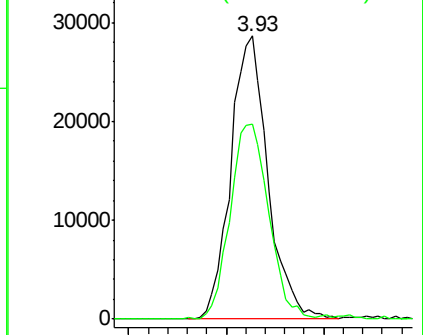
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.067 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

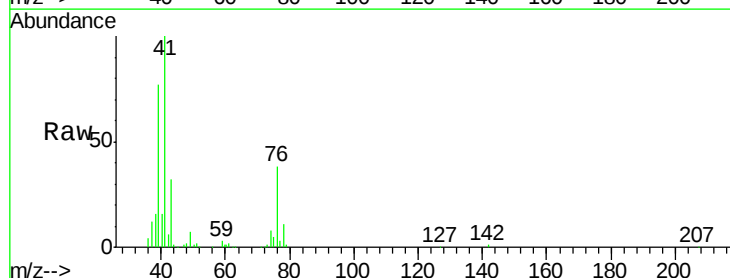
Tgt Ion: 41 Resp: 350761

Ion Ratio Lower Upper

41 100

39 76.3 60.6 90.8

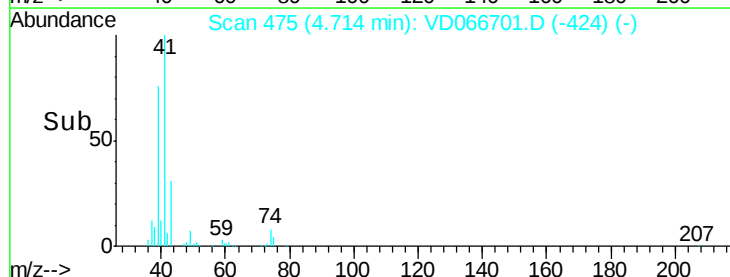
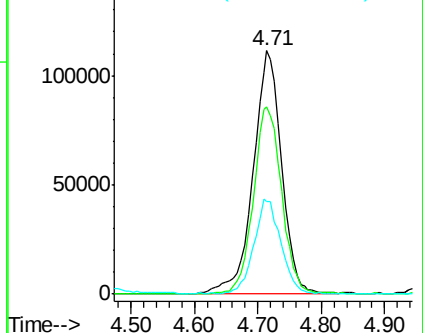
76 36.7 29.2 43.8

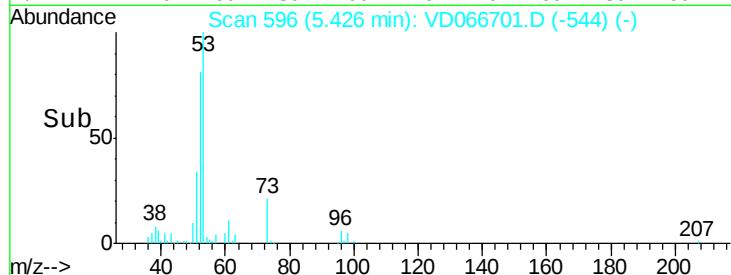
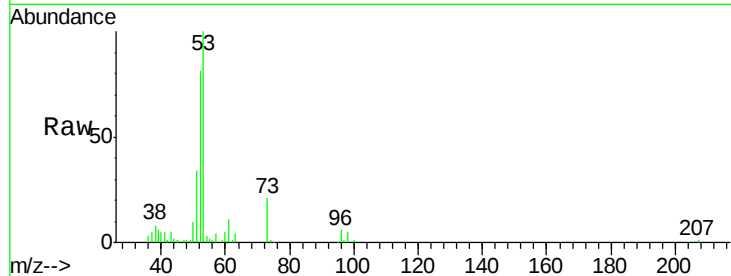
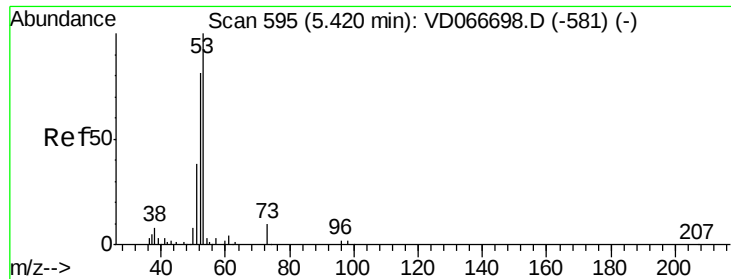


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 262.765 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066701.D

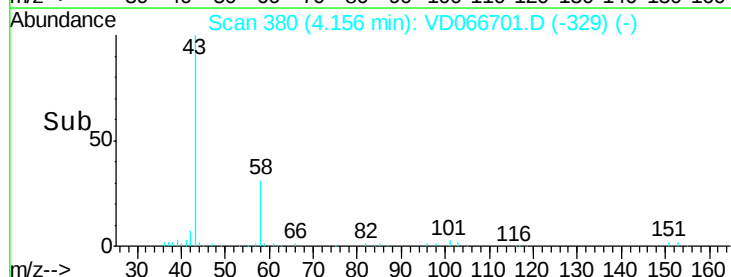
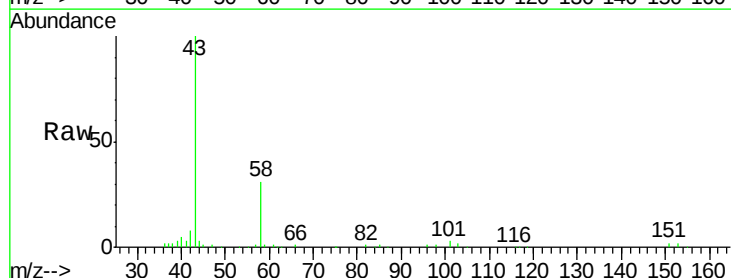
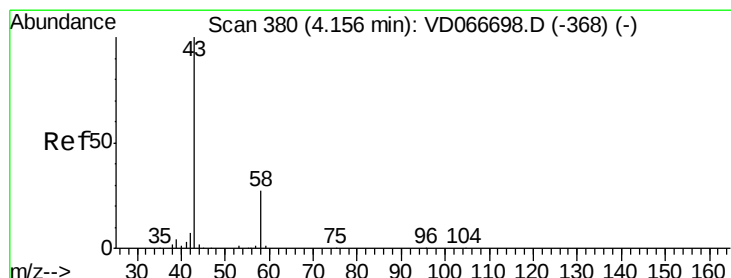
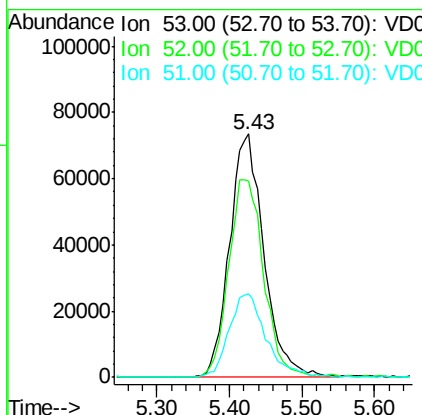
Acq: 15 Sep 2020 17:04

Tot Ion:	53	Resp:	242361
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	99.8
51	36.9	31.0	46.6

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

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#16

Acetone

Concen: 245.061 ug/l

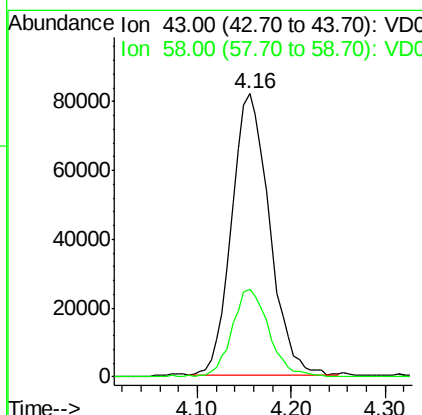
RT: 4.16 min Scan# 380

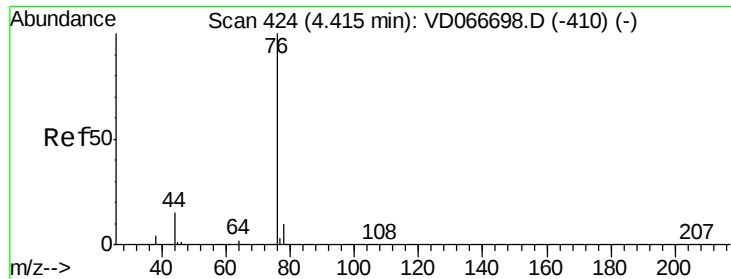
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	43	Resp:	227588
Ion Ratio	Lower	Upper	
43	100		
58	30.9	21.9	32.9





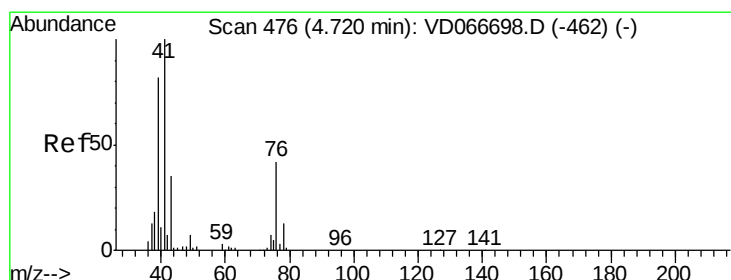
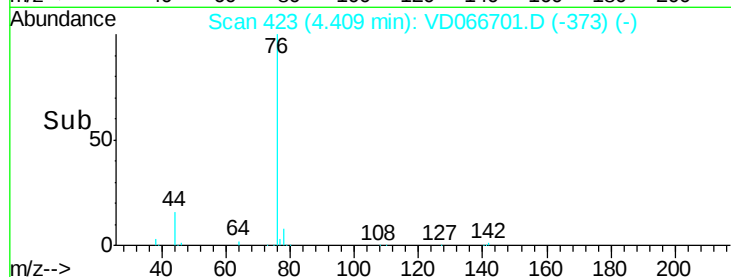
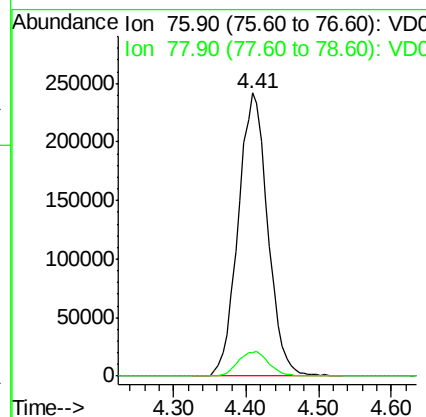
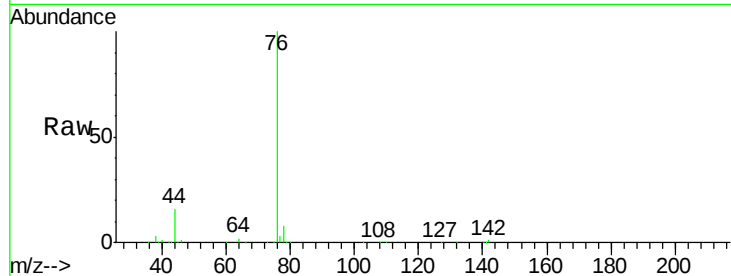
#17
Carbon Disulfide
Concen: 50.966 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	8.0	12.0

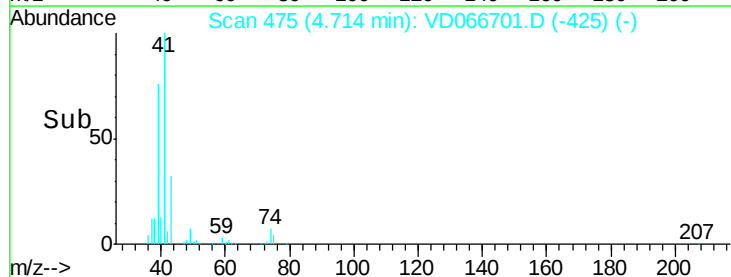
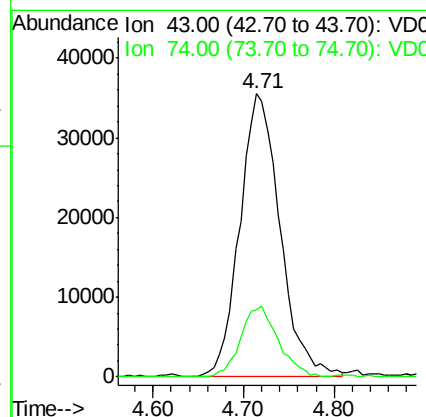
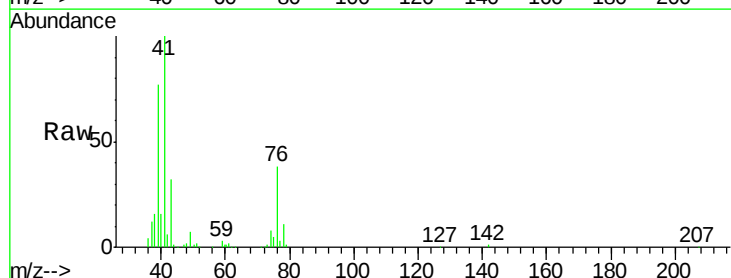
Manual Integrations
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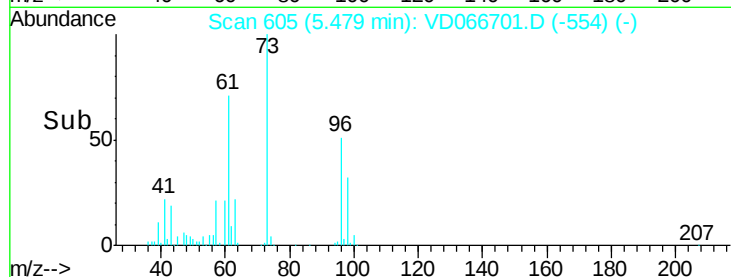
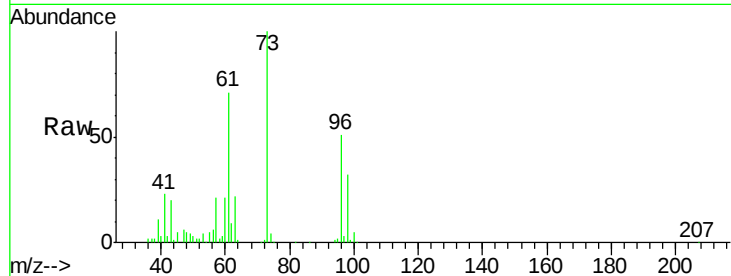
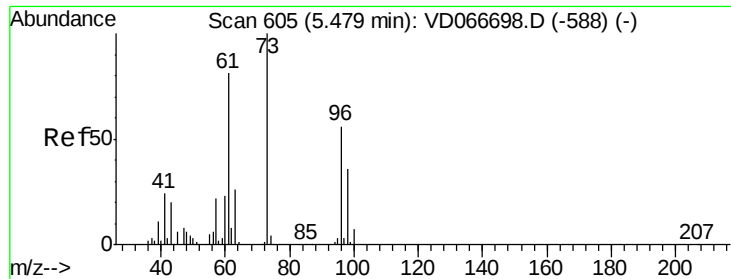
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9/16/2020 11:44:25 AM



#18
Methyl Acetate
Concen: 55.670 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





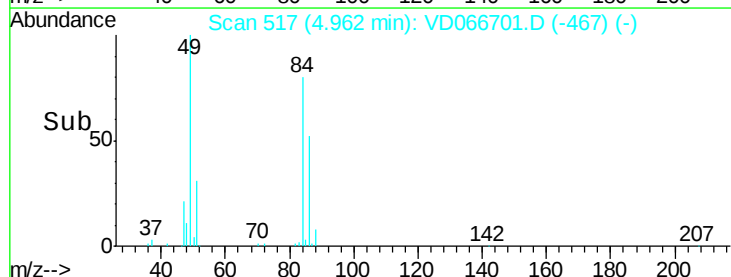
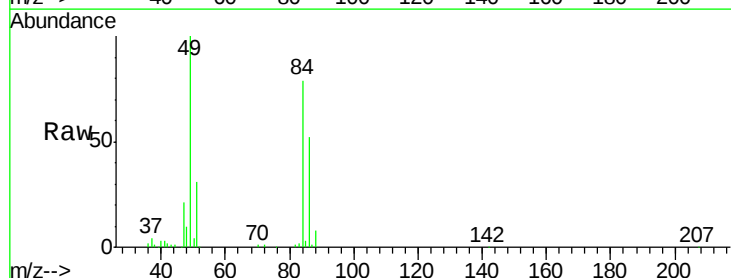
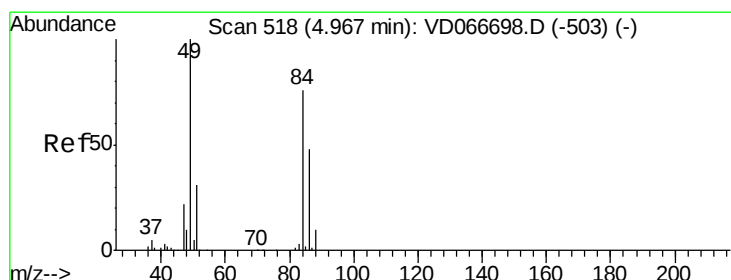
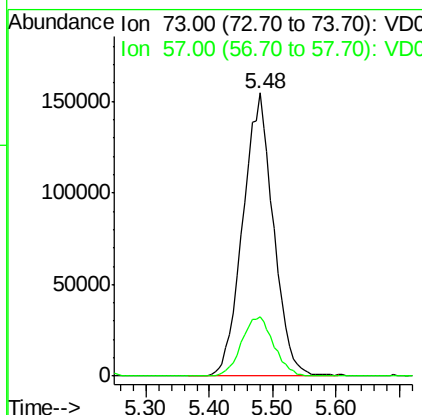
#19
Methvl tert-butvl Ether
Concen: 54.448 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tot Ion: 73 Resp: 518704
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

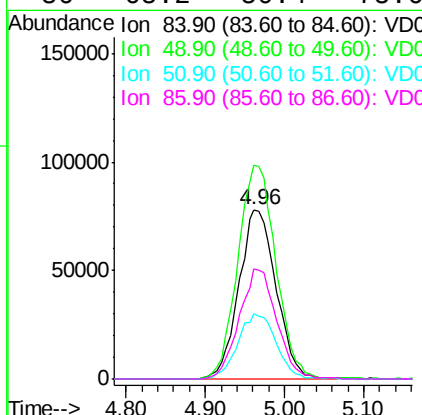
Manual Integrations
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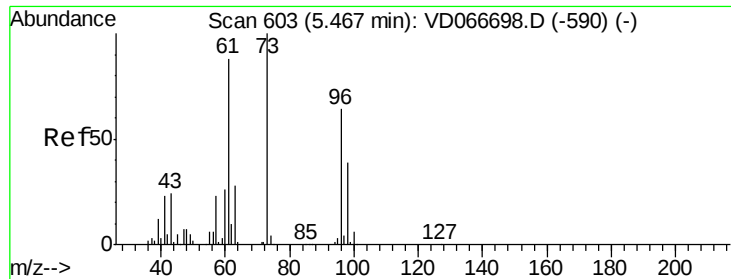
MMDadoda
9/16/2020 11:44:25 AM



#20
Methylene Chloride
Concen: 51.358 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 84 Resp: 255392
Ion Ratio Lower Upper
84 100
49 126.0 105.0 157.6
51 38.7 32.2 48.4
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.790 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

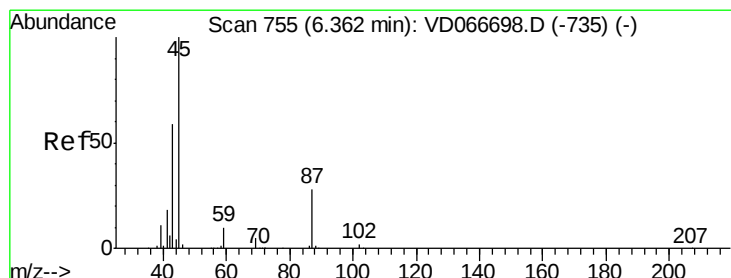
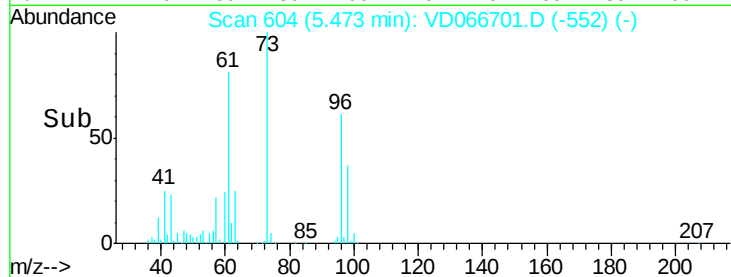
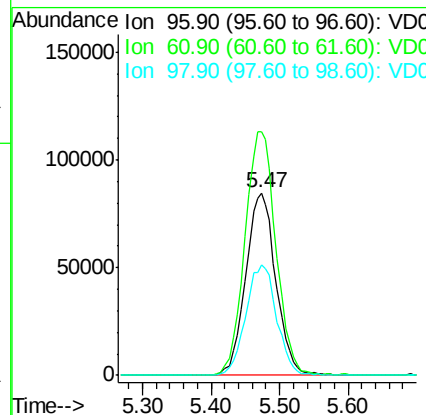
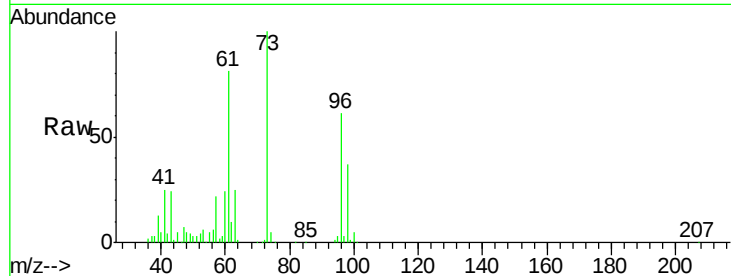
ClientSampleId :

ICVVD091520

Tot Ion:	96	Resp:	258068
Ion	Ratio	Lower	Upper
96	100		
61	133.4	110.6	166.0
98	60.6	49.2	73.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.718 ug/l

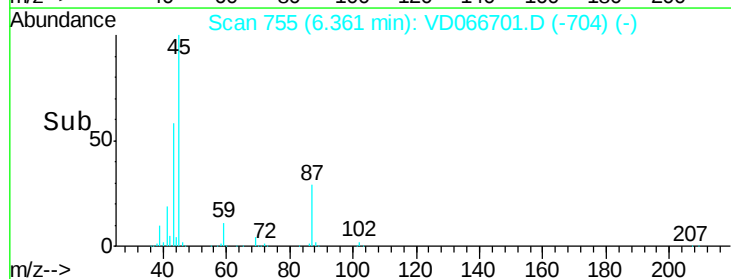
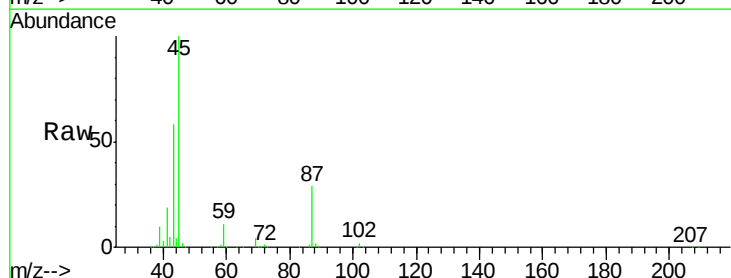
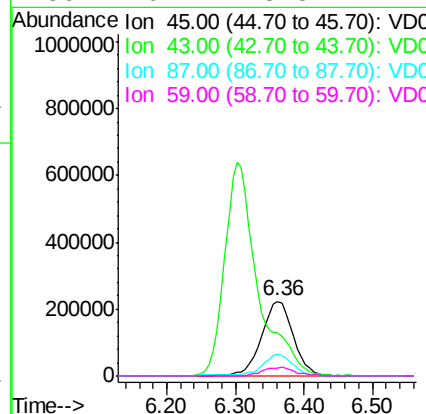
RT: 6.36 min Scan# 755

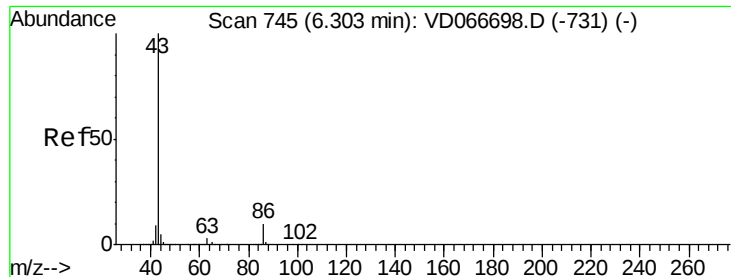
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	45	Resp:	721812
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.9	70.3
87	28.7	22.4	33.6
59	10.7	8.5	12.7





#23

Vinyl Acetate

Concen: 276.109 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion: 43 Resp: 2143531

Ion Ratio Lower Upper

43 100

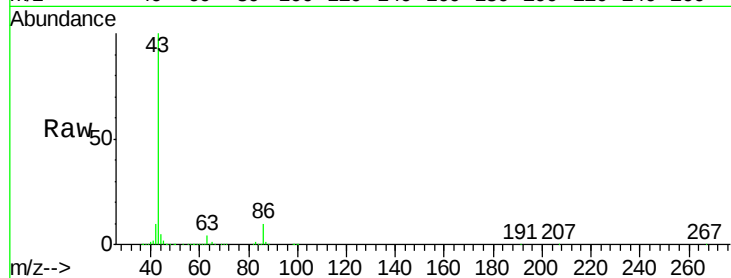
86 10.4 7.8 11.8

Manual Integrations

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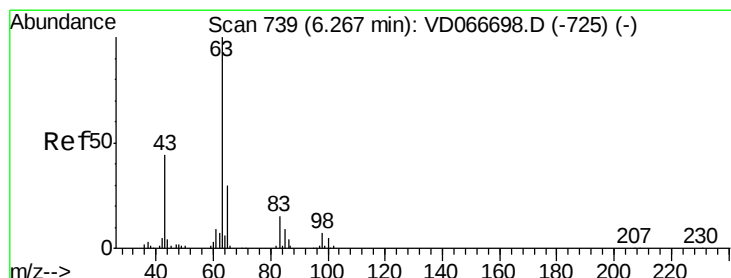
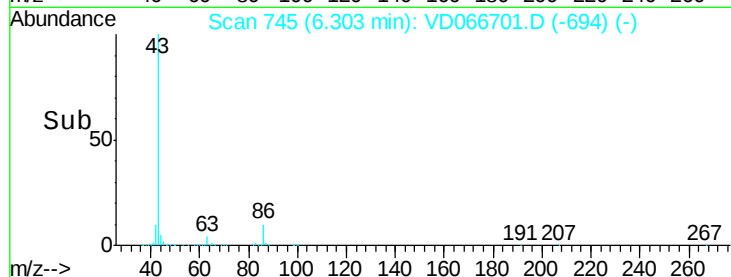
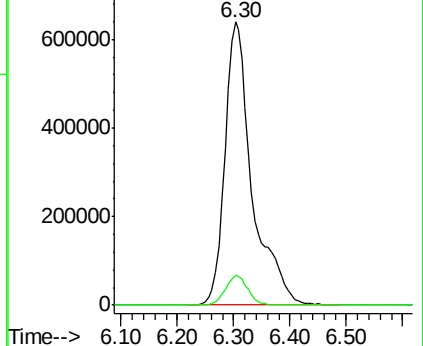
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.928 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

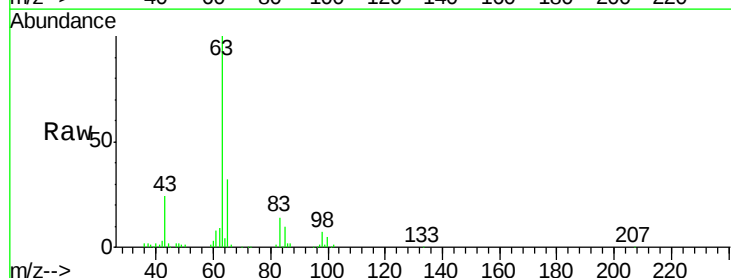
Tgt Ion: 63 Resp: 442189

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

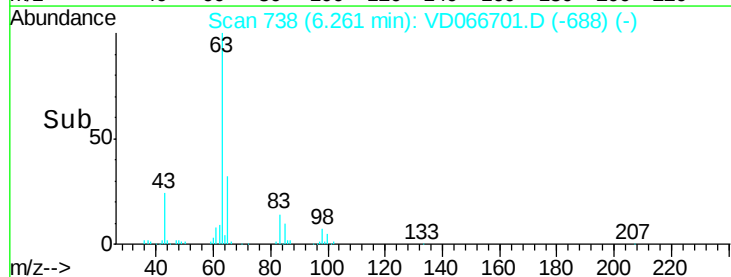
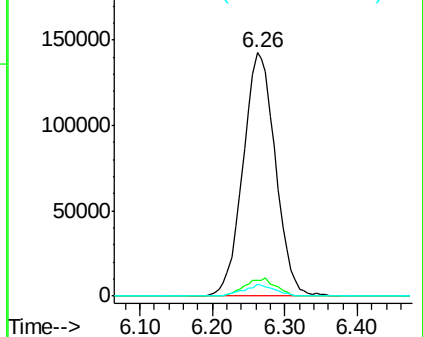
100 5.1 2.6 8.0

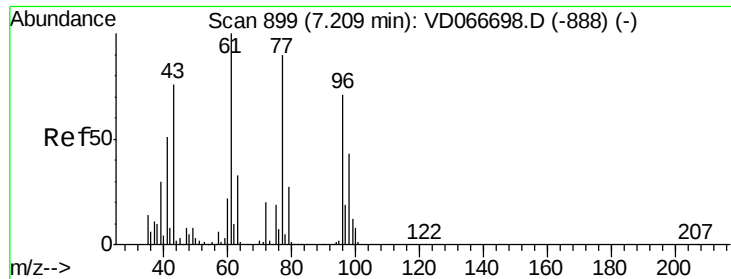


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 260.771 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampled :

ICVVD091520

Tot Ion: 43 Resp: 315351

Ion Ratio Lower Upper

43 100

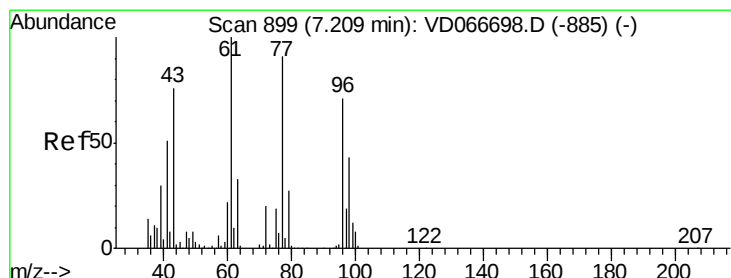
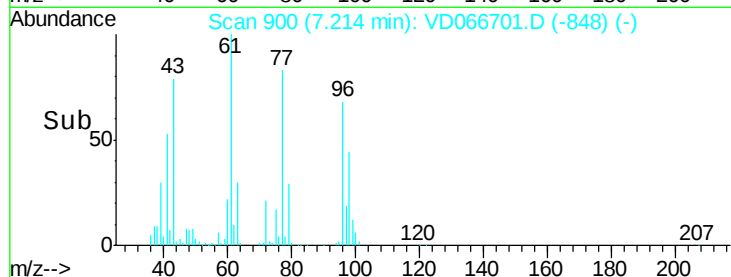
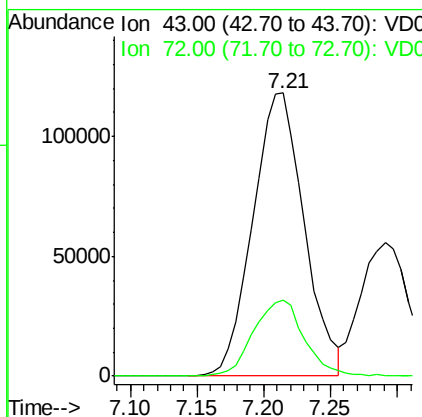
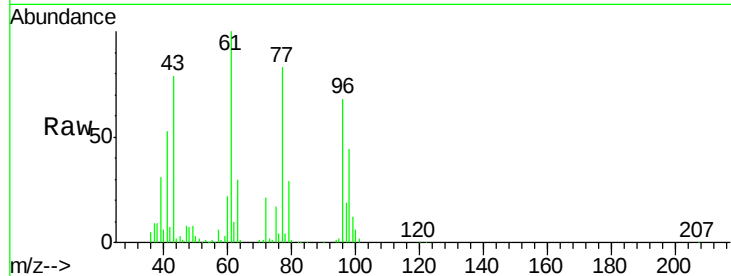
72 27.1 21.0 31.4

Manual Integrations

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9/16/2020 11:44:25 AM



#26

2,2-Dichloropropane

Concen: 48.638 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066701.D

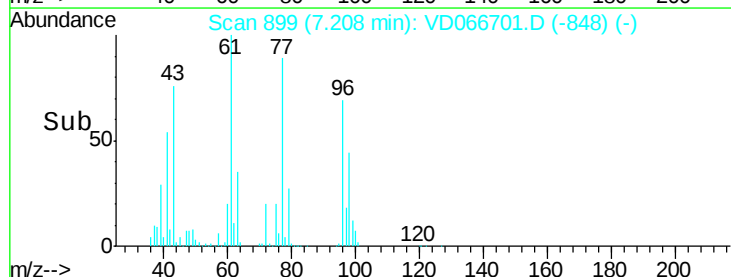
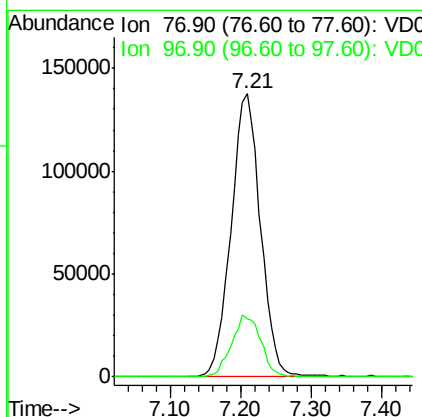
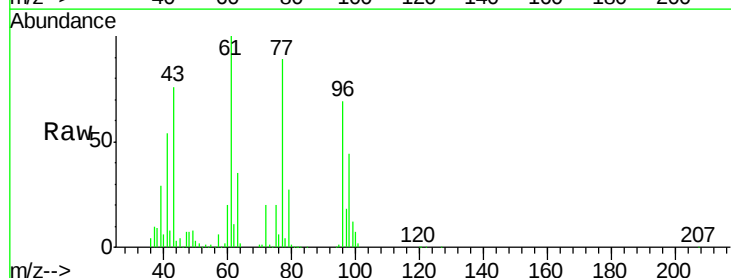
Acq: 15 Sep 2020 17:04

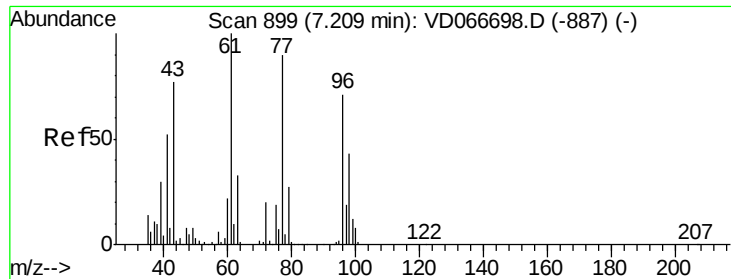
Tgt Ion: 77 Resp: 398334

Ion Ratio Lower Upper

77 100

97 21.8 10.6 31.8





#27

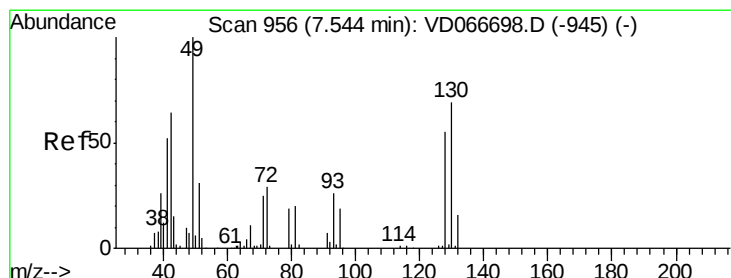
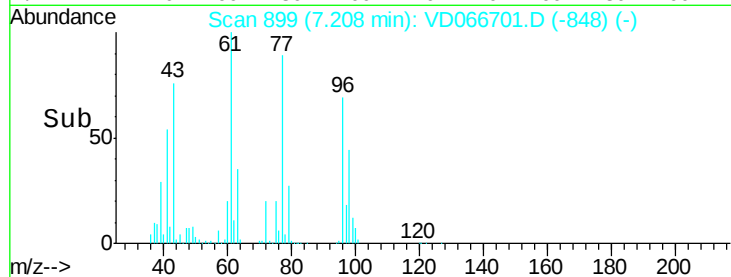
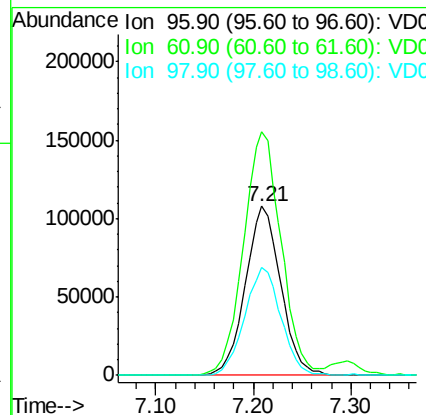
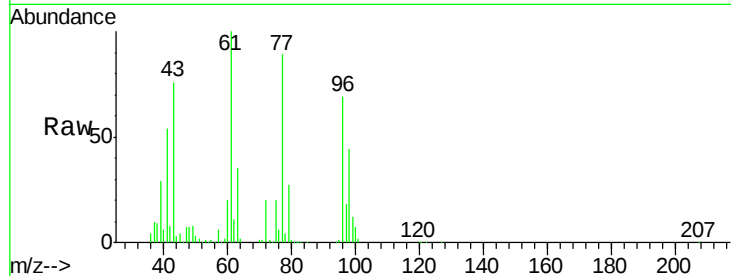
cis-1,2-Dichloroethene
 Concen: 50.119 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
96	100	273216		
61	153.4	0.0	292.4	
98	65.8	0.0	127.0	

Manual Integrations
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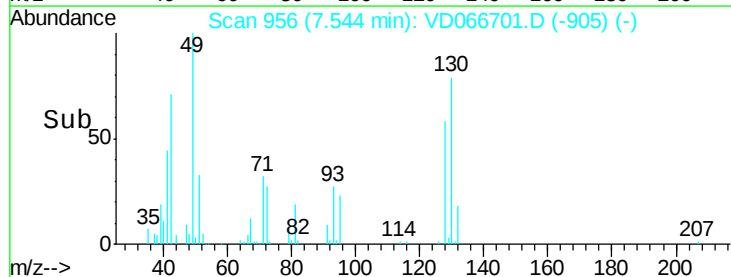
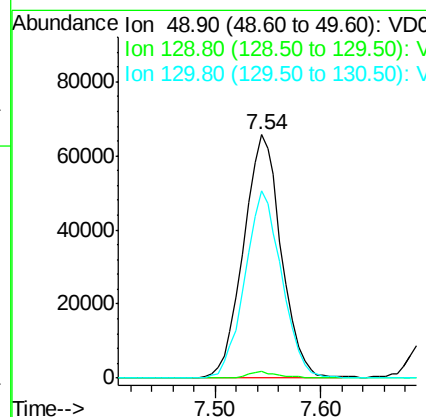
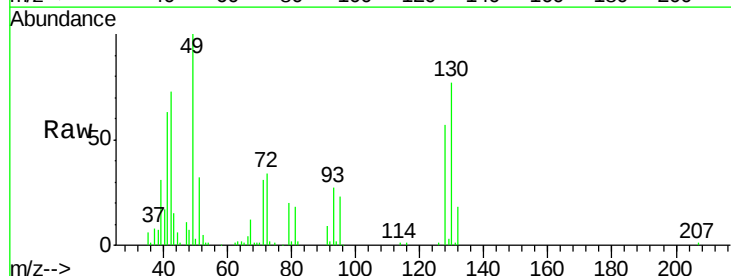
MMDadoda
 9/16/2020 11:44:25 AM

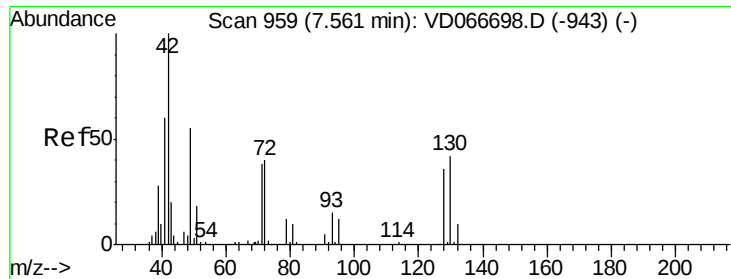


#28

Bromochloromethane
 Concen: 49.308 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163111		
129	2.1	0.0	3.8	
130	75.2	58.6	88.0	





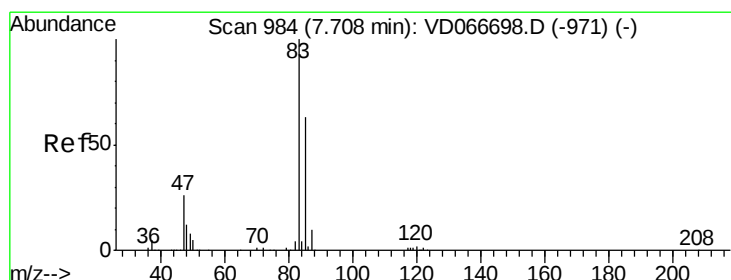
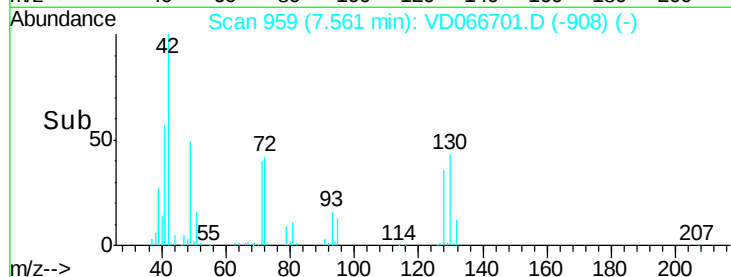
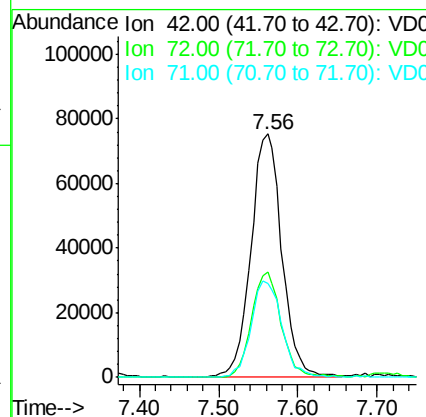
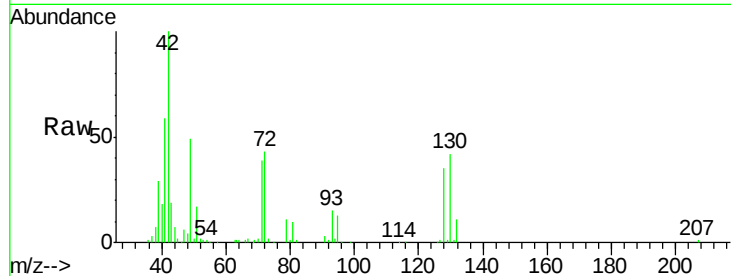
#29
Tetrahydrofuran
Concen: 277.200 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleID :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.6	48.8
71	39.4	30.6	45.8

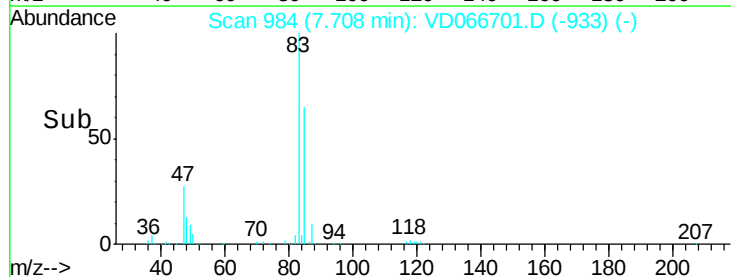
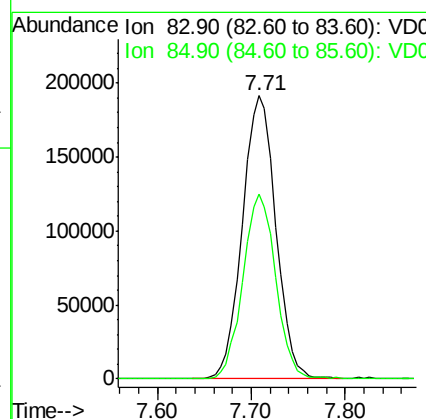
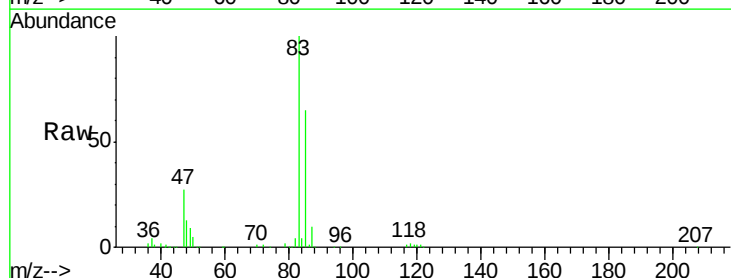
Manual Integrations
APPROVED

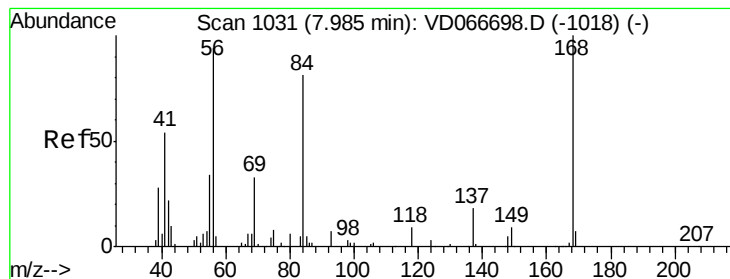
MMDadoda
9/16/2020 11:44:25 AM



#30
Chloroform
Concen: 50.119 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	76.0





#31

Cyclohexane

Concen: 50.397 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

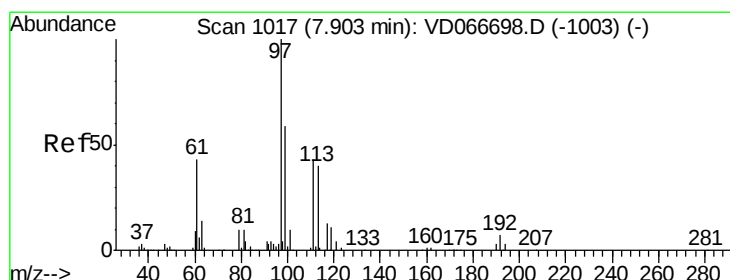
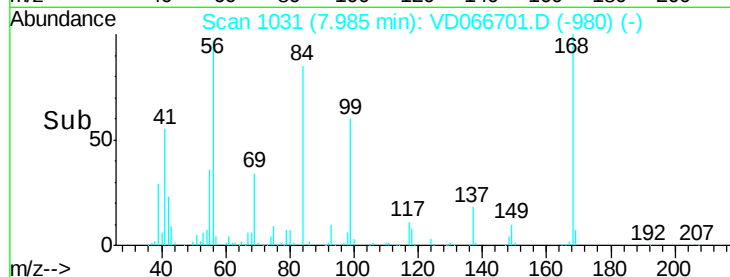
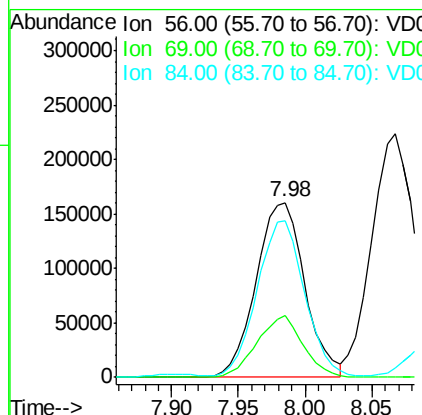
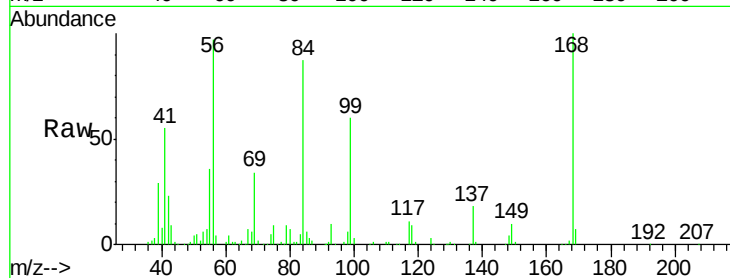
ClientSampleId :

ICVVD091520

Tot Ion:	56	Resp:	405984
Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.7	41.5
84	88.0	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.557 ug/l

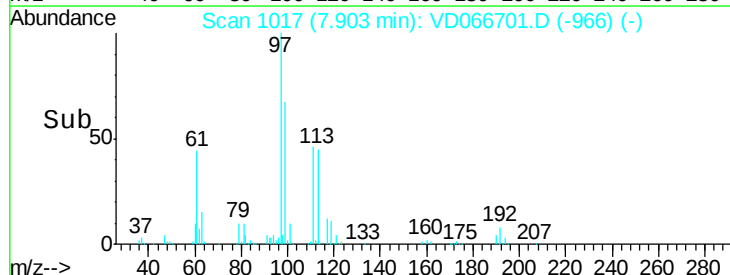
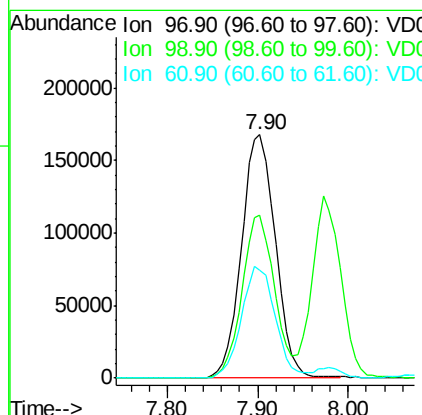
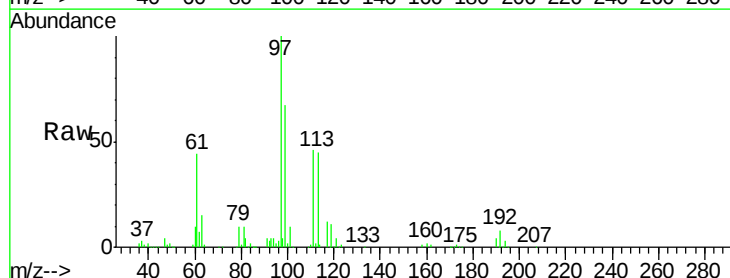
RT: 7.90 min Scan# 1017

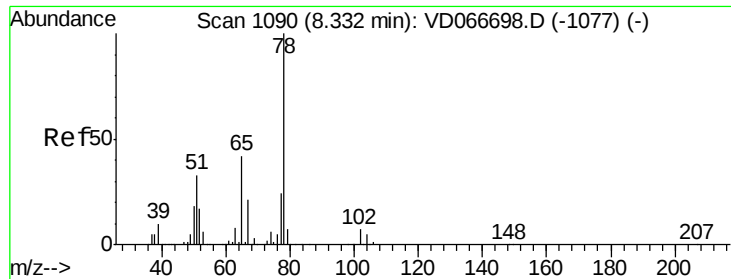
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	97	Resp:	436064
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	45.9	35.2	52.8





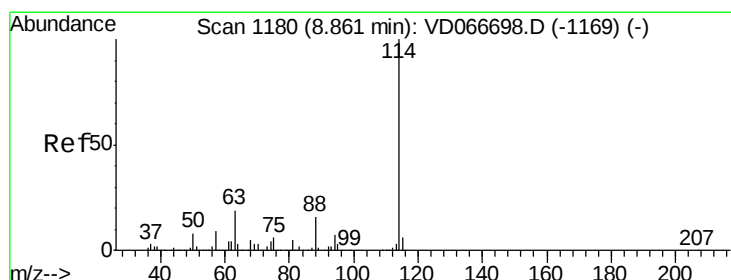
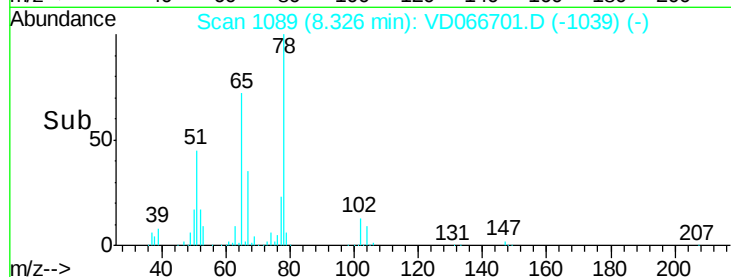
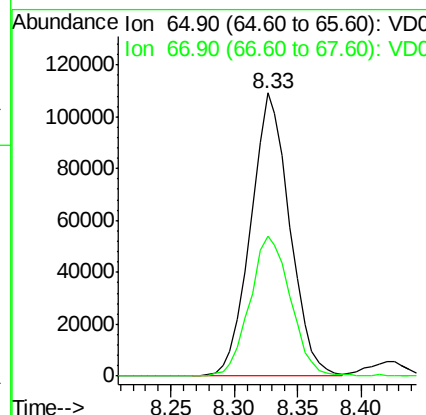
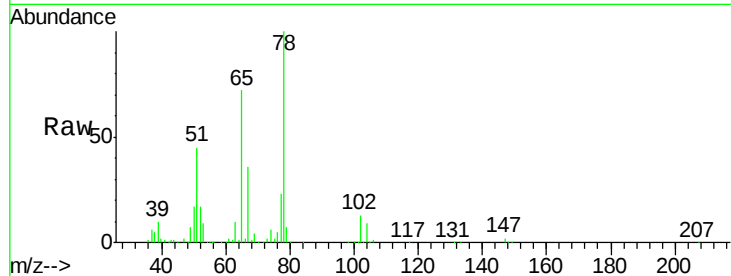
#33
 1,2-Dichloroethane-d4
 Concen: 51.174 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233379		
67	51.7	0.0	102.2	

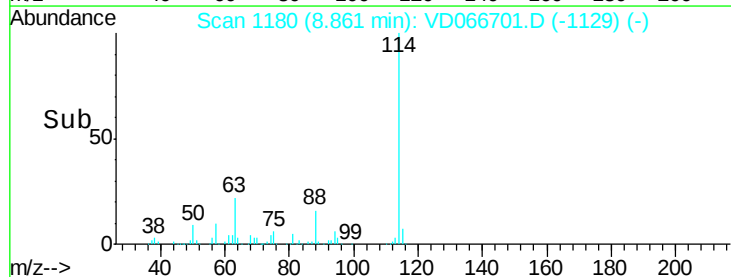
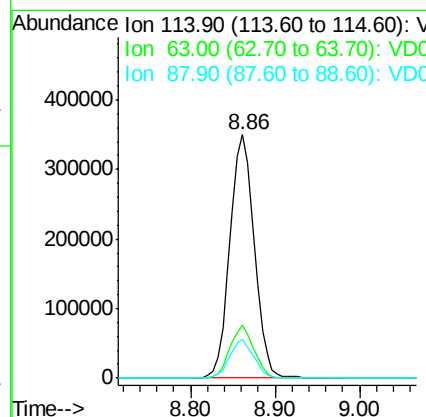
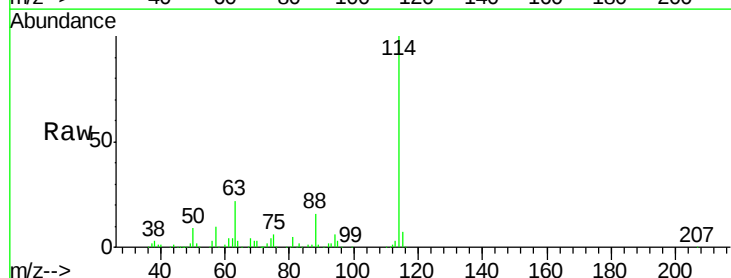
Manual Integrations
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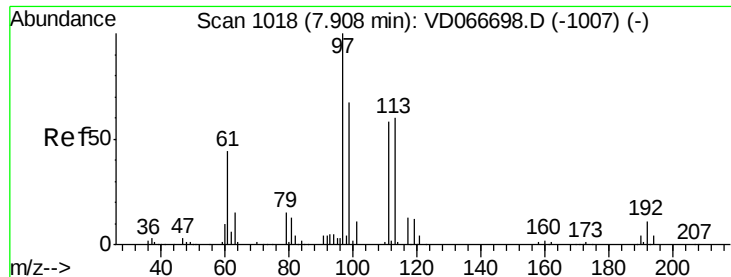
MMDadoda
 9/16/2020 11:44:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	696707		
63	21.5	0.0	37.6	
88	15.8	0.0	32.2	





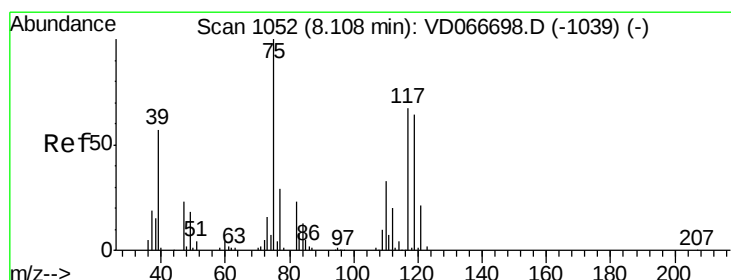
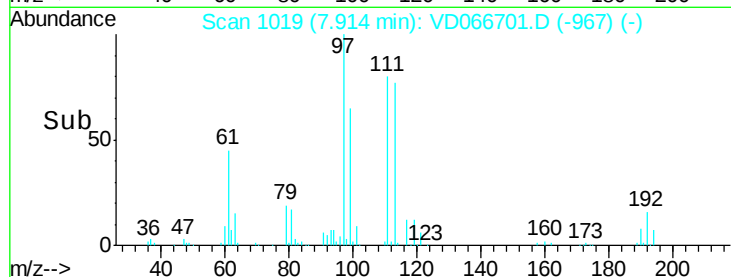
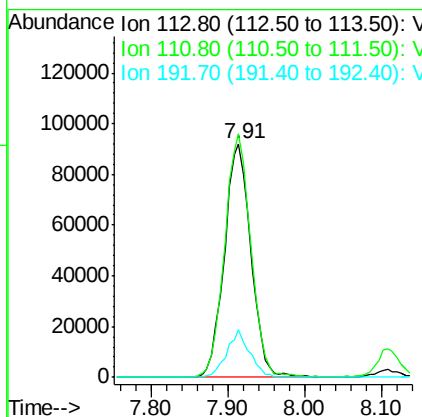
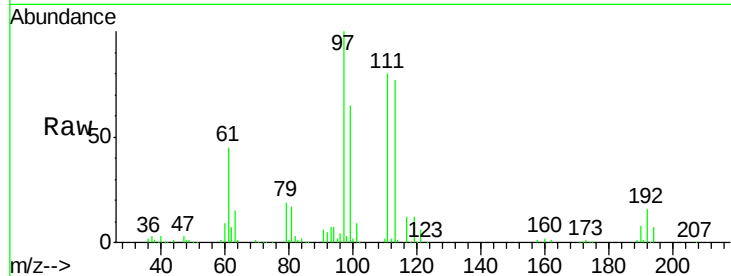
#35
Dibromofluoromethane
Concen: 51.725 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220942		
111	103.4	83.2	124.8	
192	17.6	14.8	22.2	

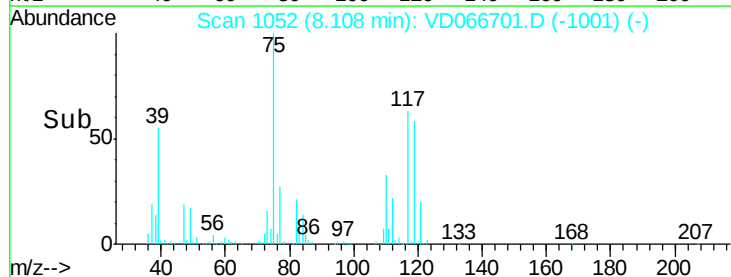
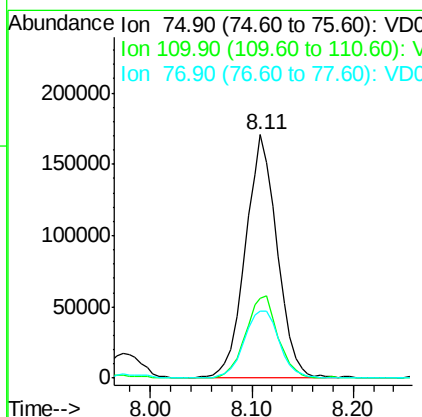
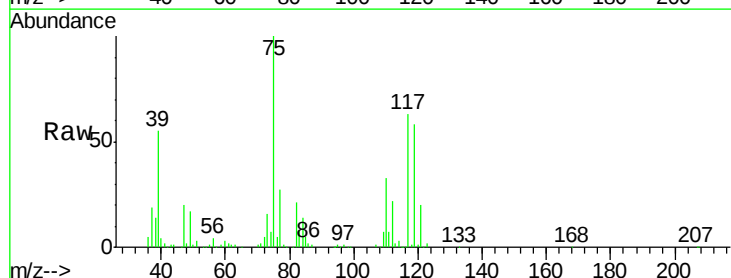
Manual Integrations
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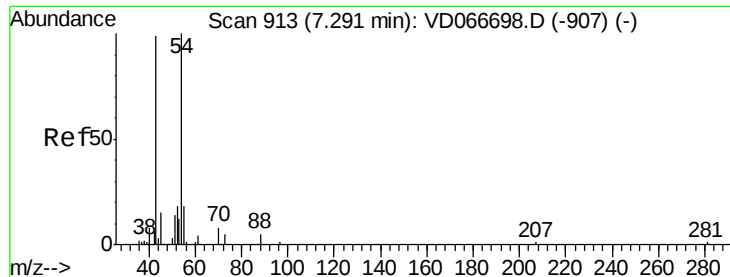
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.589 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	369538		
110	34.3	17.1	51.2	
77	31.0	25.0	37.6	





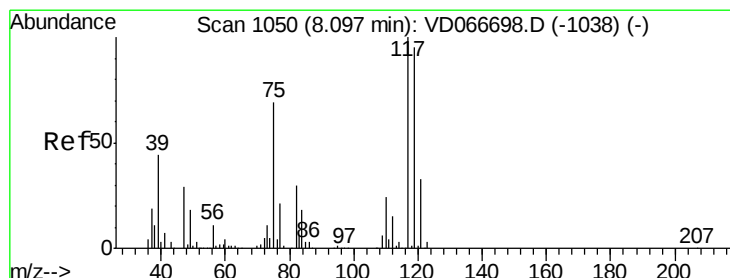
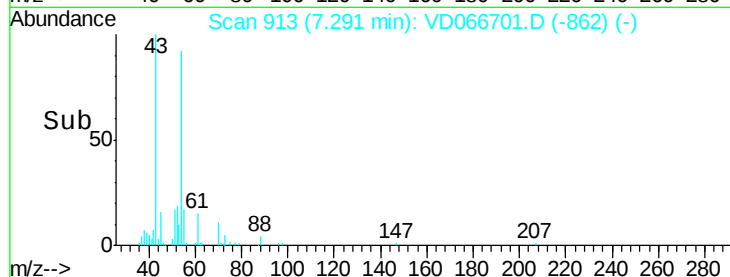
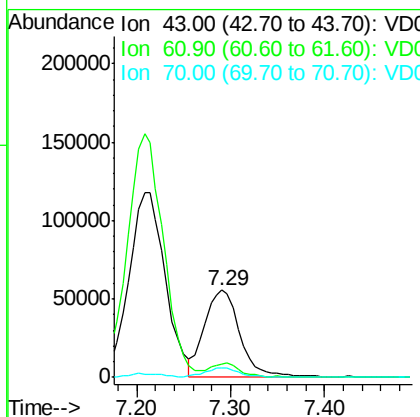
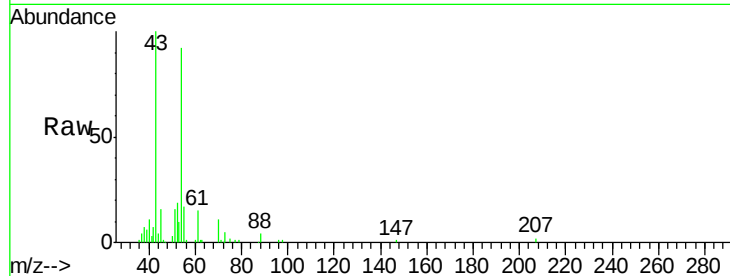
#37
Ethyl Acetate
Concen: 53.767 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	43	Resp	145806
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	10.3	7.5	11.3

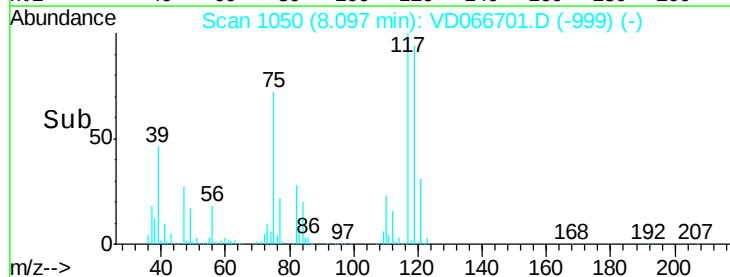
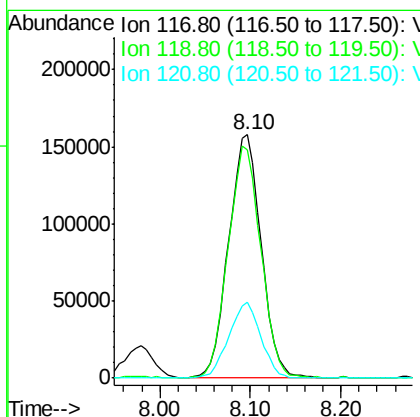
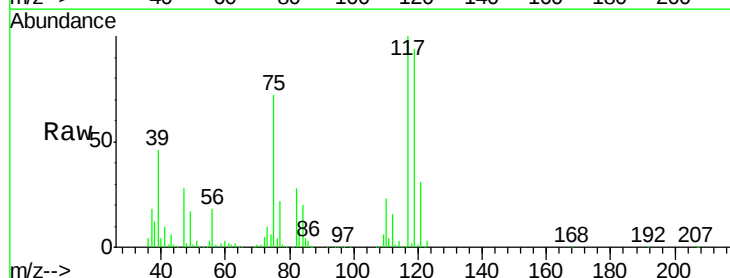
Manual Integrations
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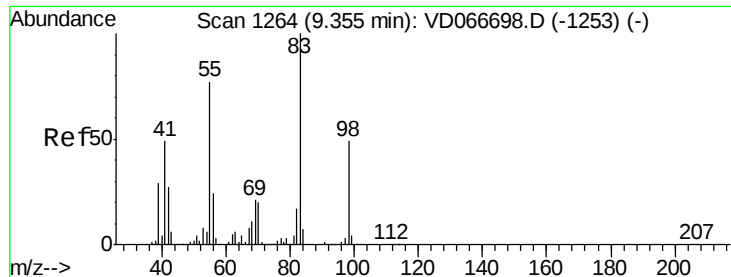
MMDadoda
9/16/2020 11:44:25 AM



#38
Carbon Tetrachloride
Concen: 51.426 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	117	Resp	391191
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.6
121	31.0	26.2	39.4





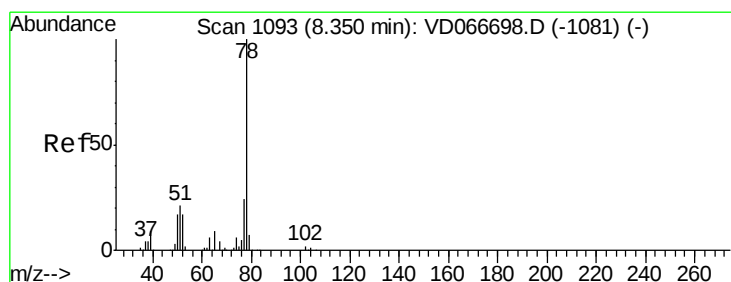
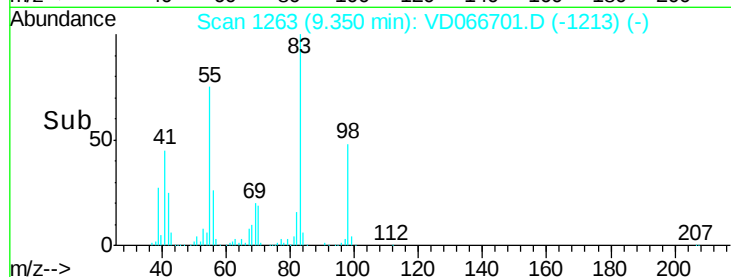
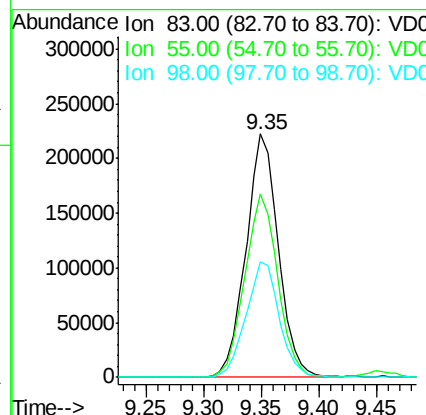
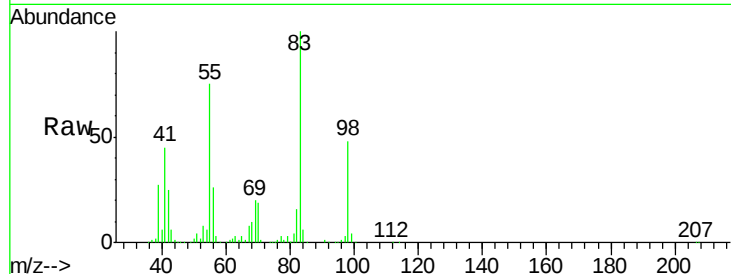
#39
Methvlcvclohexane
Concen: 53.109 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
83	100	435144		
55	75.2	61.5	92.3	
98	47.5	39.3	58.9	

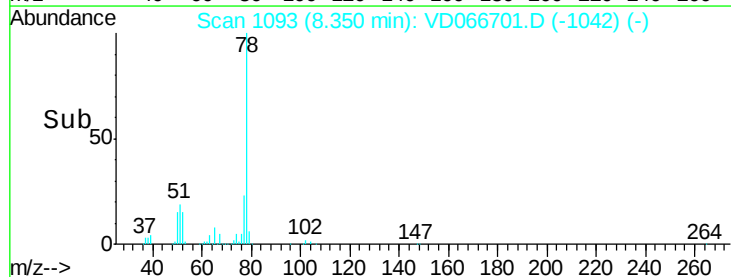
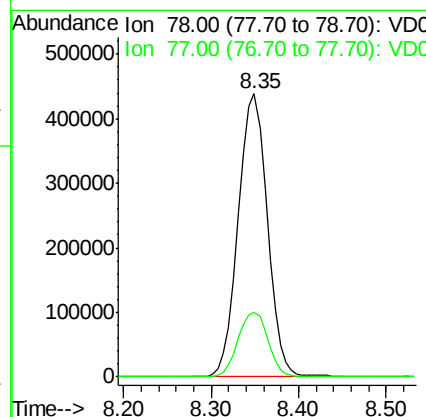
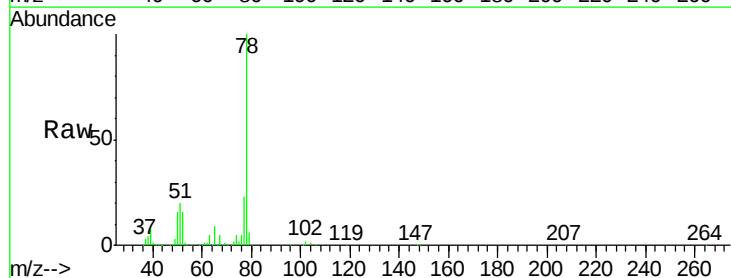
Manual Integrations
APPROVED

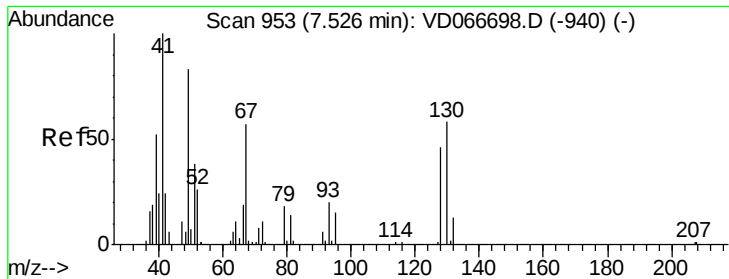
MMDadoda
9/16/2020 11:44:25 AM



#40
Benzene
Concen: 51.185 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	991924		
77	22.7	19.3	28.9	





#41

Methacrylonitrile

Concen: 45.496 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

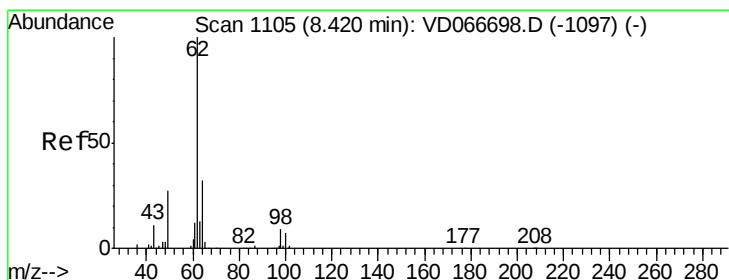
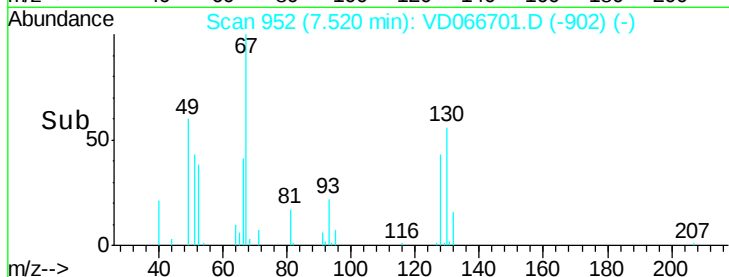
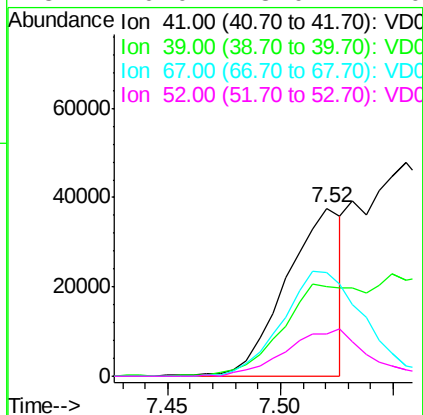
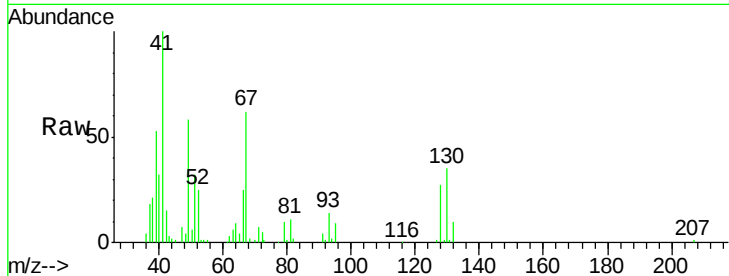
ClientSampleId :

ICVVD091520

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
67	0.0	62.3	93.5#
52	0.0	28.0	42.0#

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#42

1,2-Dichloroethane

Concen: 50.874 ug/l

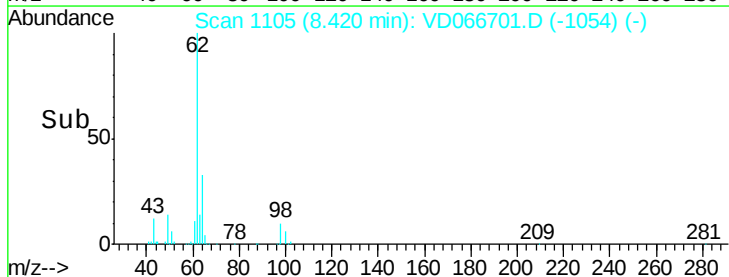
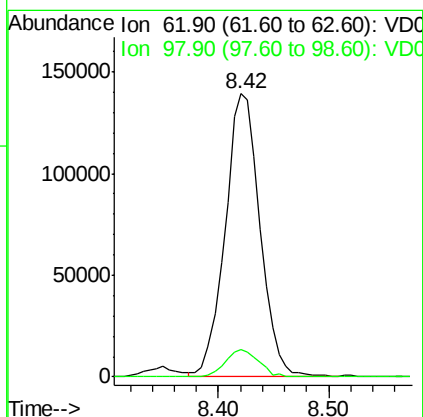
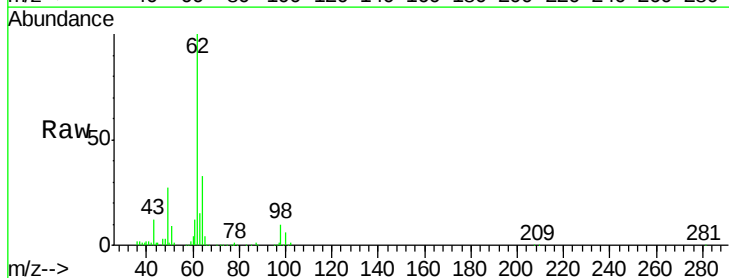
RT: 8.42 min Scan# 1105

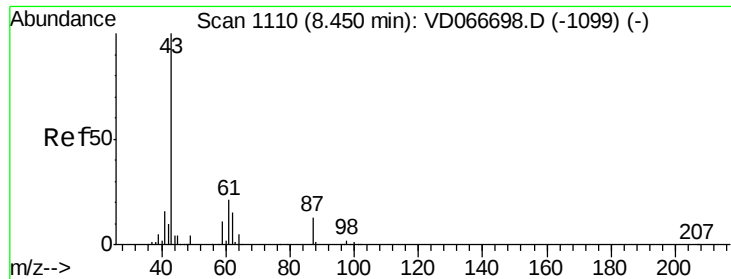
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6





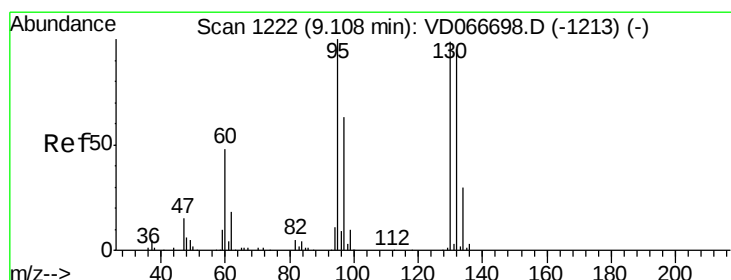
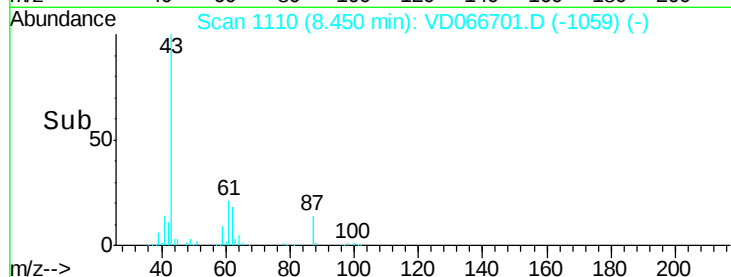
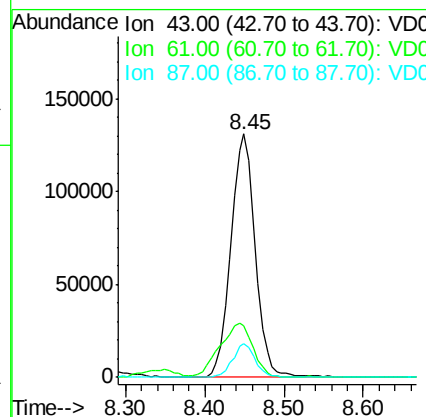
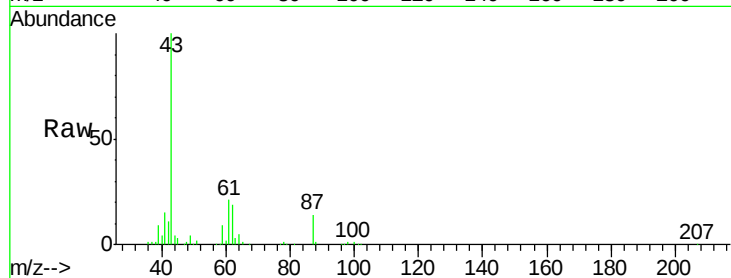
#43
Isopropyl Acetate
Concen: 53.826 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	24.8	37.2
87	13.2	10.4	15.6

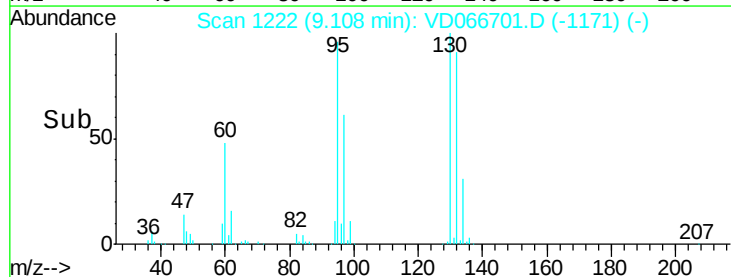
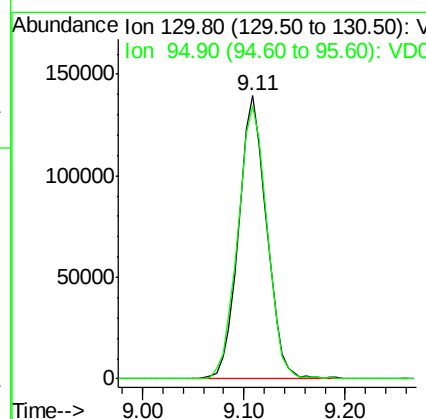
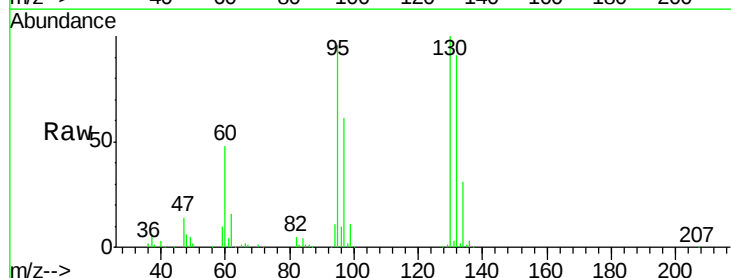
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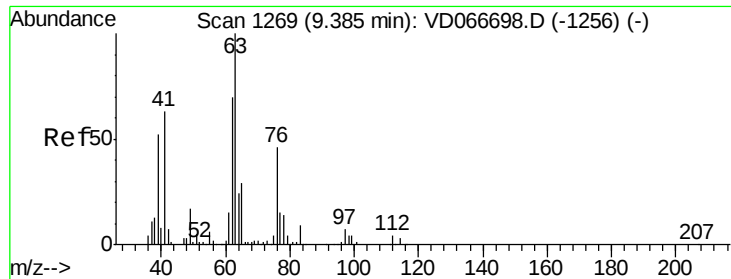
MMDadoda
9/16/2020 11:44:25 AM



#44
Trichloroethene
Concen: 51.601 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	201.4





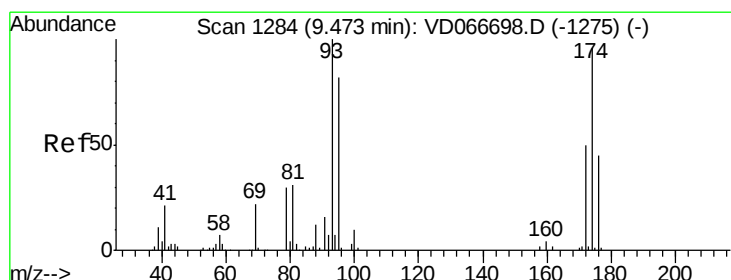
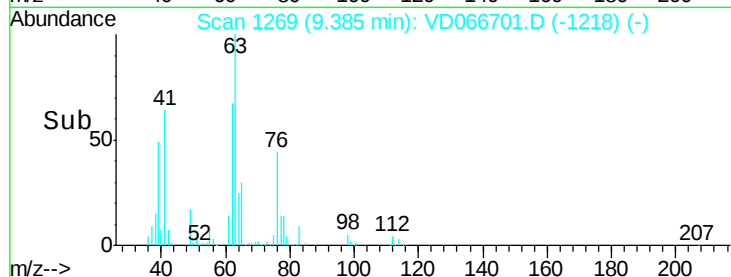
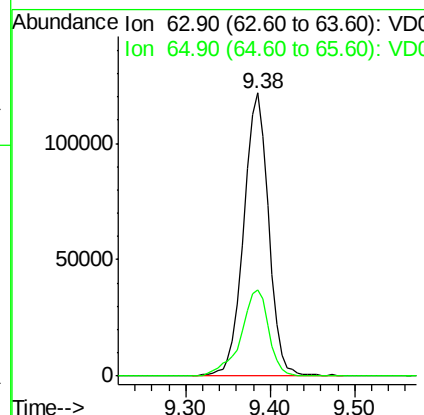
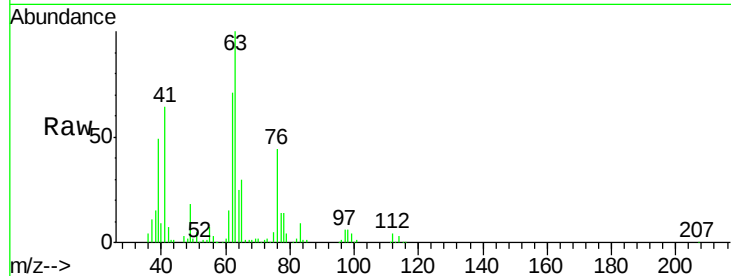
#45
 1,2-Dichloropropane
 Concen: 51.894 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.4	35.0

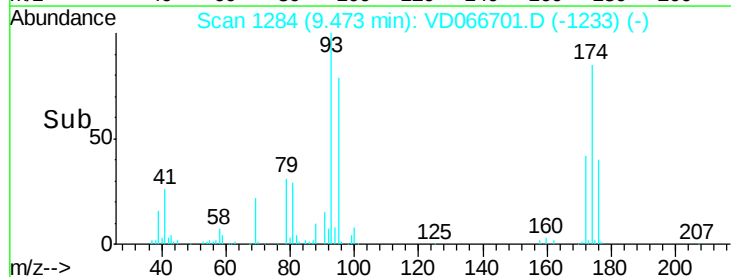
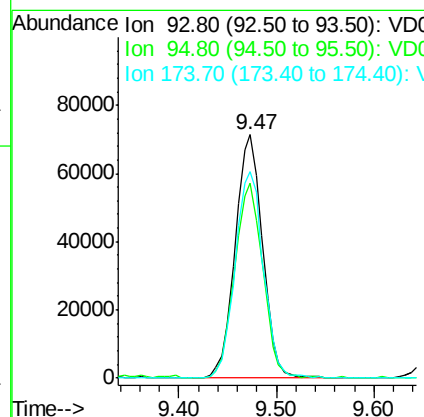
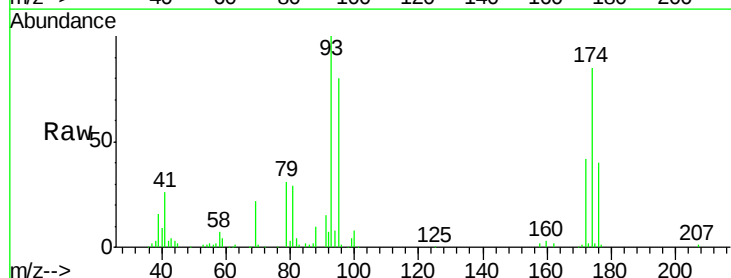
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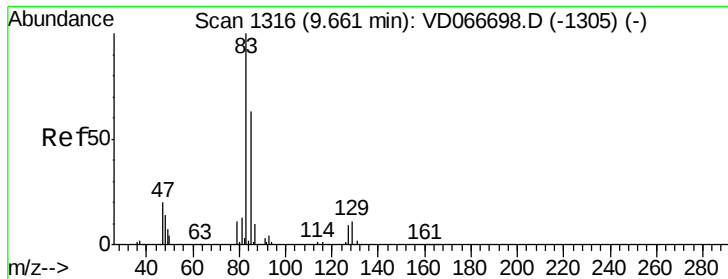
MMDadoda
 9/16/2020 11:44:25 AM



#46
 Dibromomethane
 Concen: 52.940 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.0	99.0
174	88.0	72.3	108.5





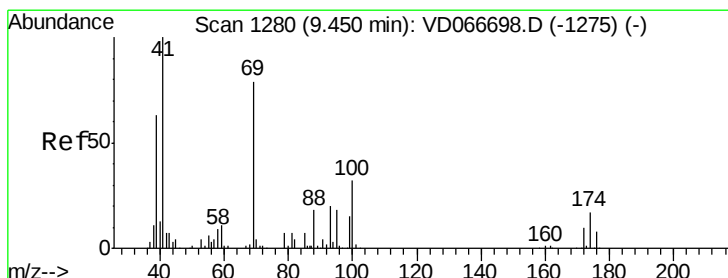
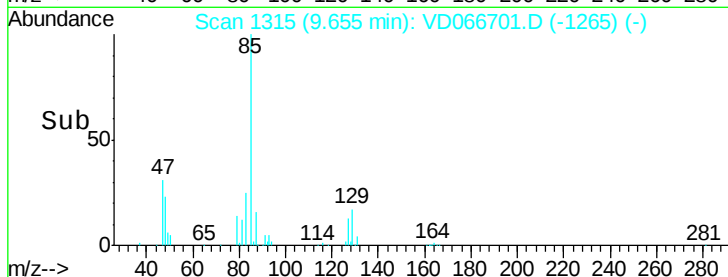
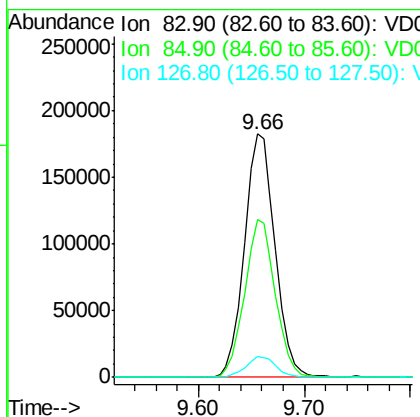
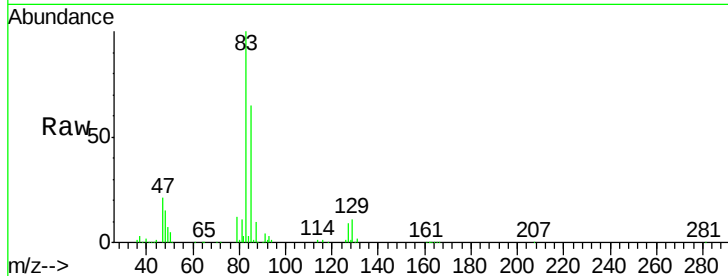
#47
Bromodichloromethane
Concen: 51.120 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.1	75.1
127	8.6	6.9	10.3

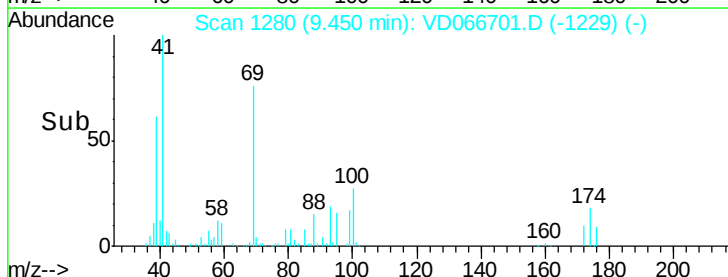
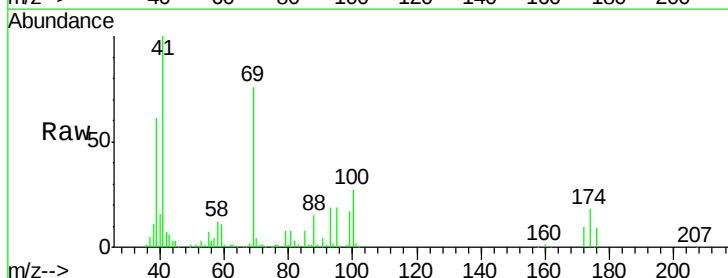
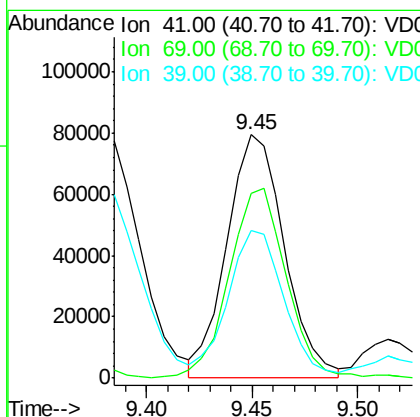
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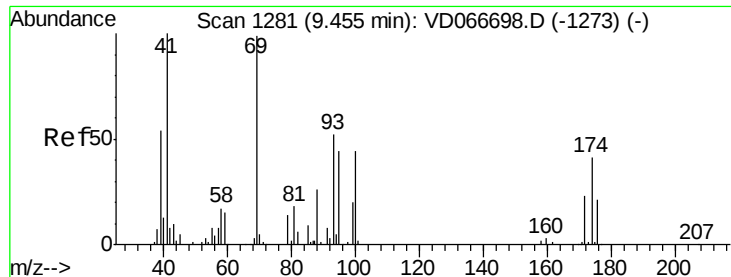
MMDadoda
9/16/2020 11:44:25 AM



#48
Methyl methacrylate
Concen: 57.580 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	62.4	93.6
39	54.9	44.8	67.2





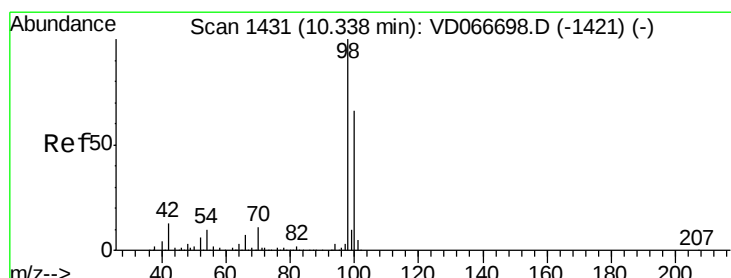
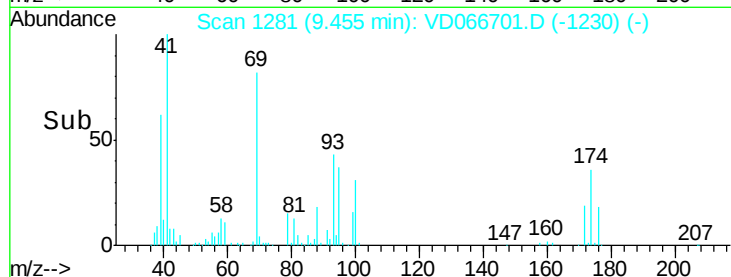
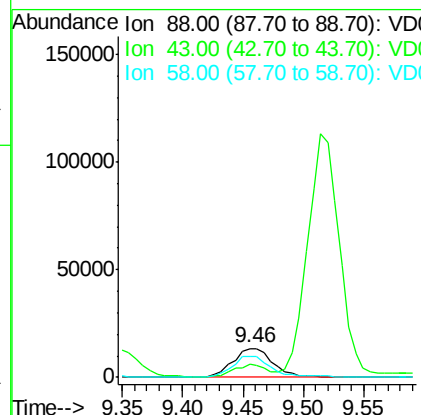
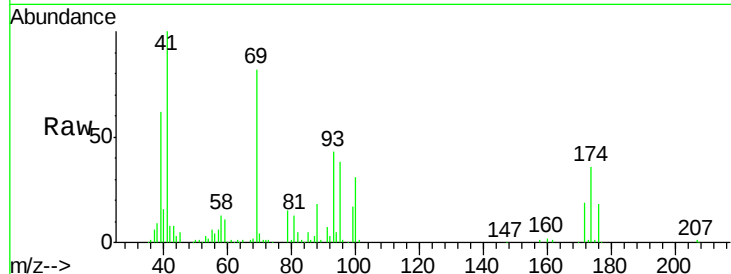
#49
1,4-Dioxane
Concen: 1102.147 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	29.3	43.9
58	74.0	51.4	77.2

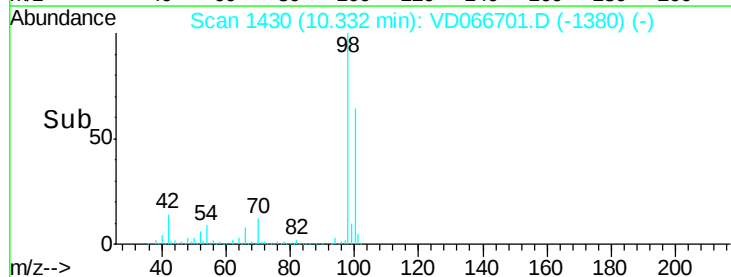
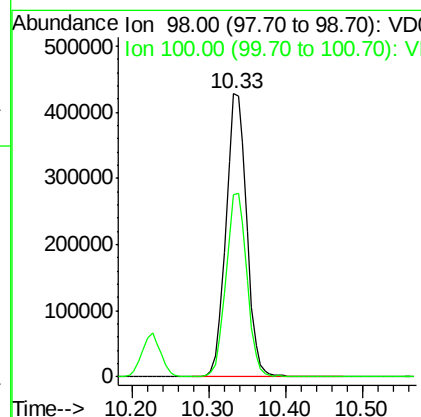
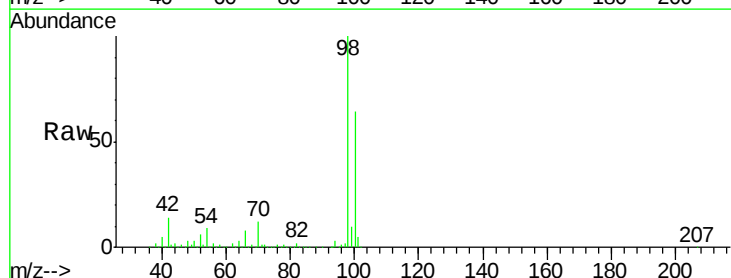
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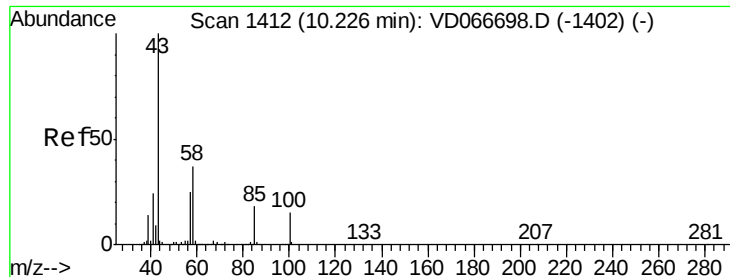
MMDadoda
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#50
Toluene-d8
Concen: 52.588 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.7	79.1





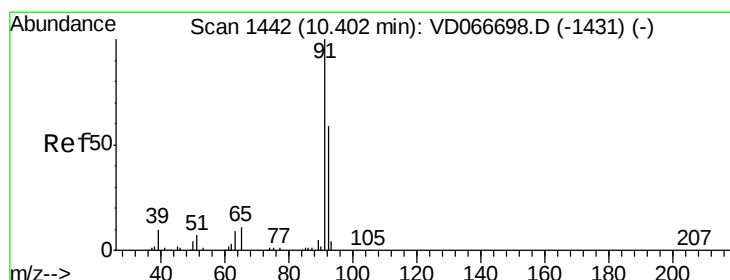
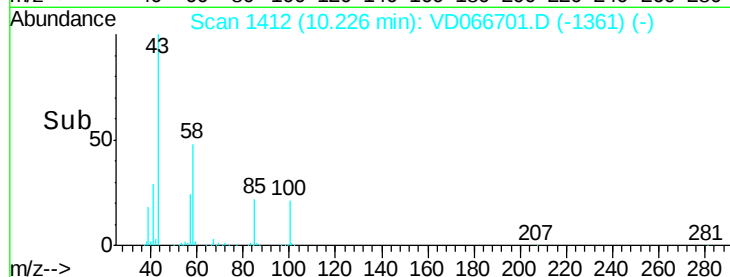
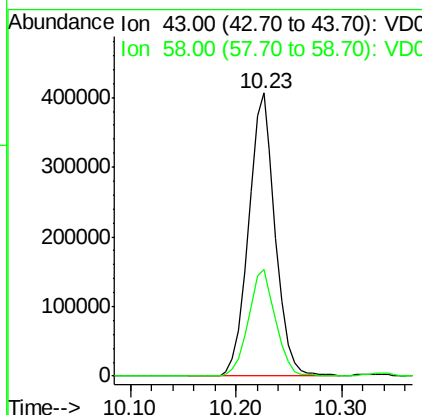
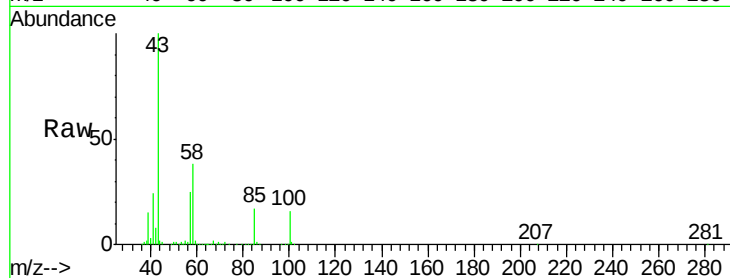
#51
4-Methyl-2-Pentanone
Concen: 270.445 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	43	Resp	710676
Ion Ratio	100	Lower	Upper
43	100		
58	38.5	30.4	45.6

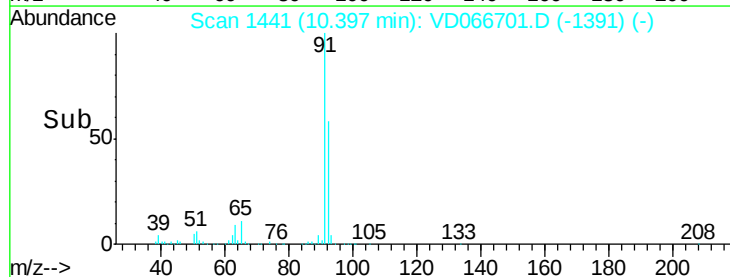
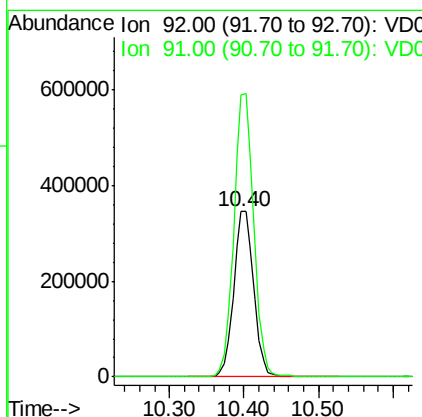
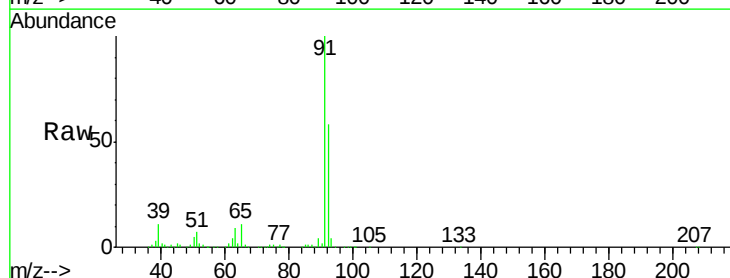
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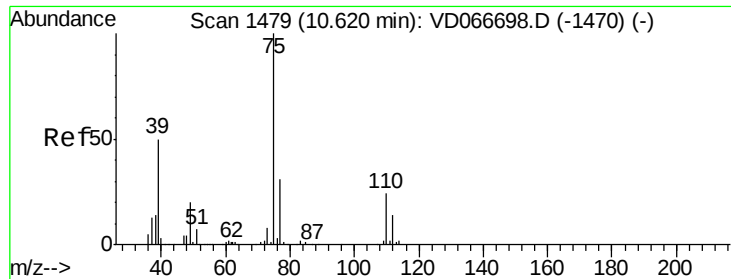
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#52
Toluene
Concen: 51.557 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	92	Resp	640054
Ion Ratio	100	Lower	Upper
92	100		
91	171.0	135.8	203.8





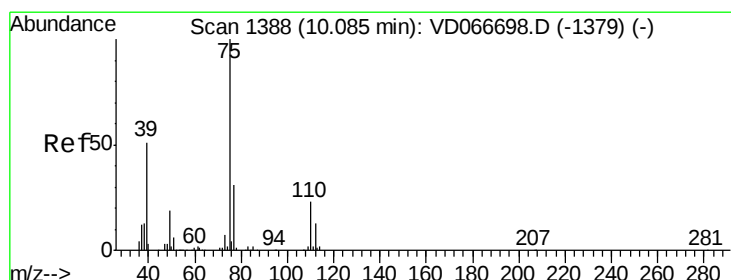
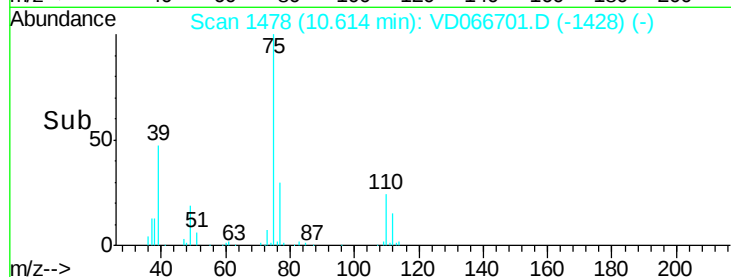
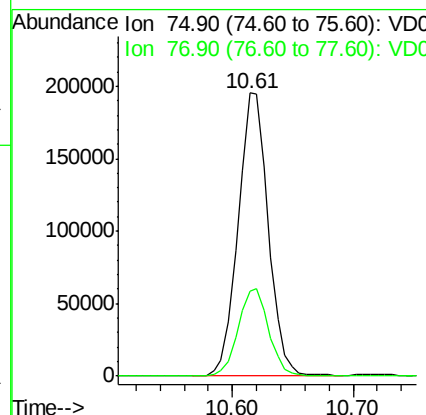
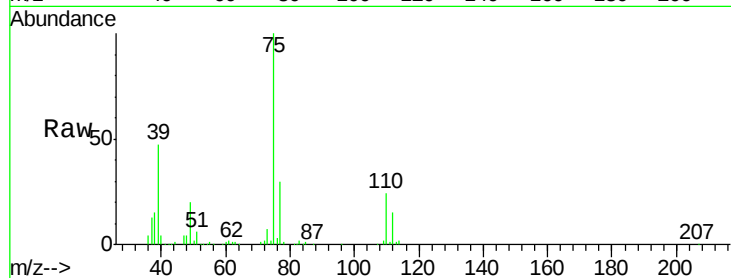
#53
t-1,3-Dichloropropene
Concen: 53.149 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	75	Resp	340603
Ion Ratio	Lower	Upper	
75	100		
77	29.8	24.6	36.8

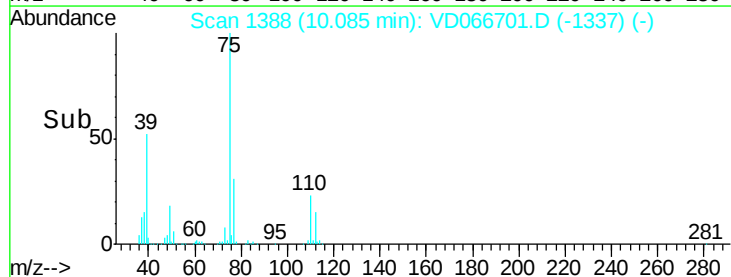
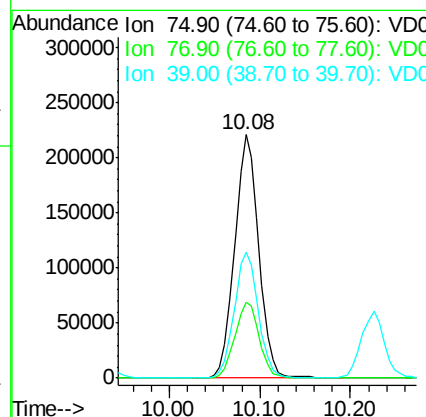
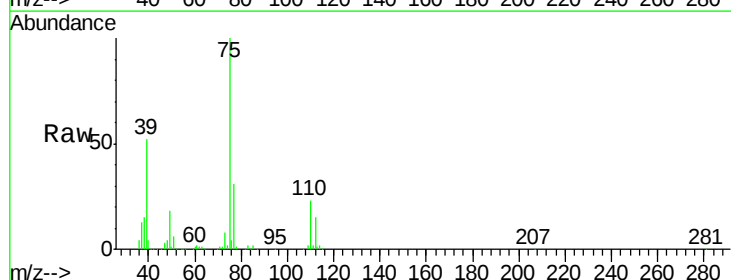
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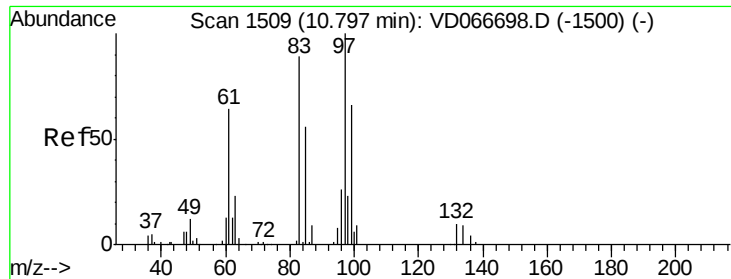
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#54
cis-1,3-Dichloropropene
Concen: 53.574 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	75	Resp	407785
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.0	37.6
39	51.5	40.6	61.0





#55

1,1,2-Trichloroethane

Concen: 51.229 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

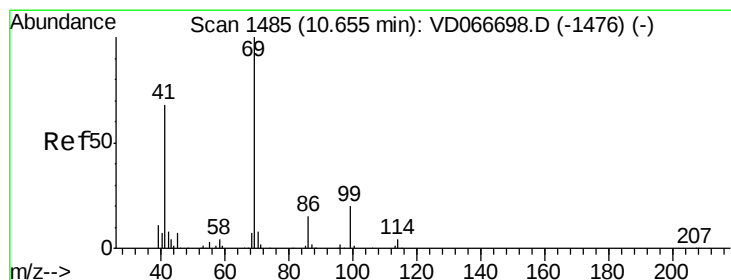
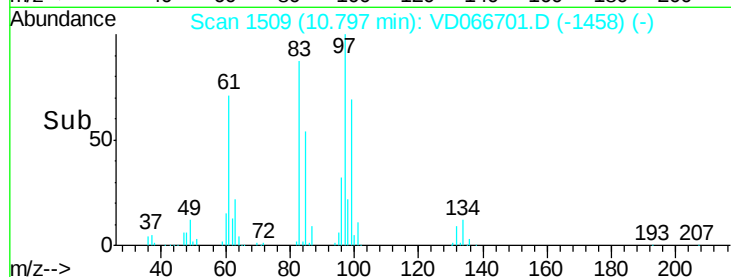
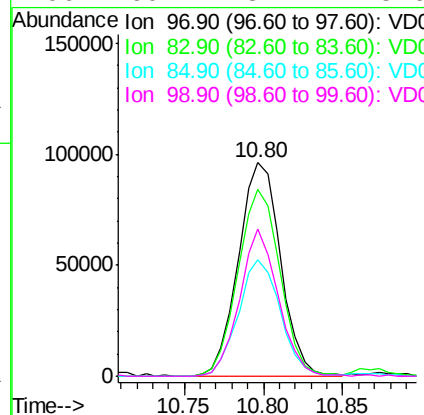
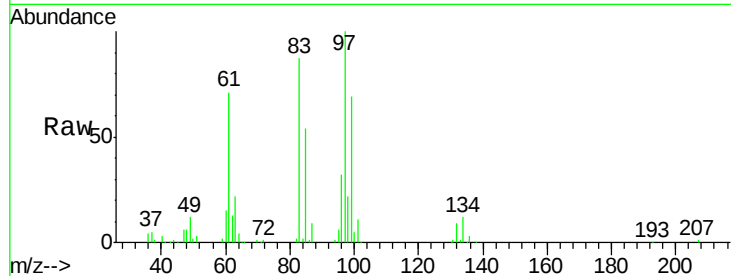
ClientSampleId :

ICVVD091520

Tot Ion:	97	Resp:	177816
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.4	107.2
85	54.3	44.7	67.1
99	69.2	52.4	78.6

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#56

Ethyl methacrylate

Concen: 56.556 ug/l

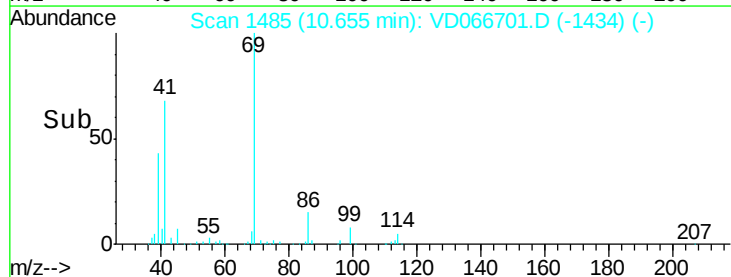
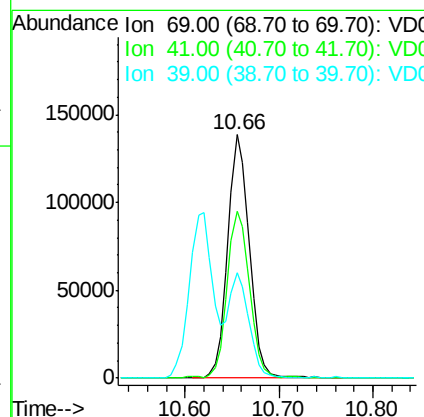
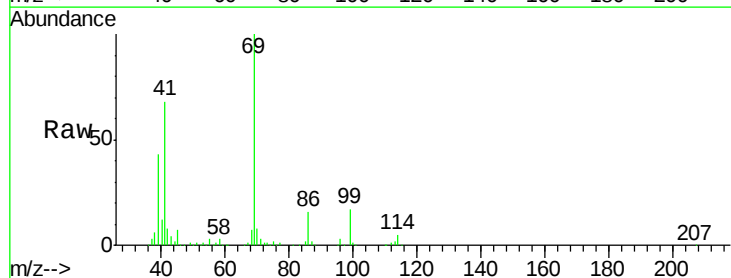
RT: 10.66 min Scan# 1485

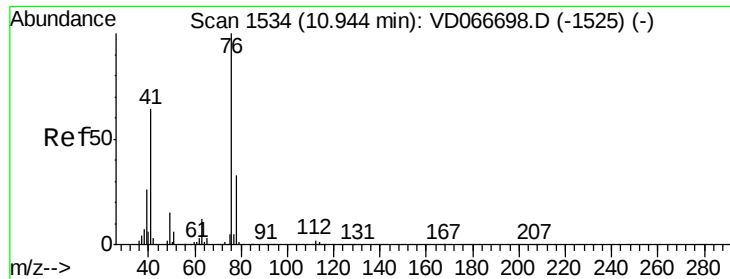
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	69	Resp:	222771
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.5	83.3
39	41.1	29.7	44.5





#57

1,3-Dichloropropane

Concen: 51.312 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion: 76 Resp: 312562

Ion Ratio Lower Upper

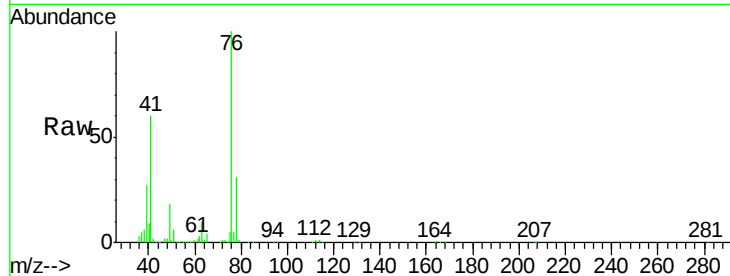
76 100

78 32.7 26.2 39.2

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

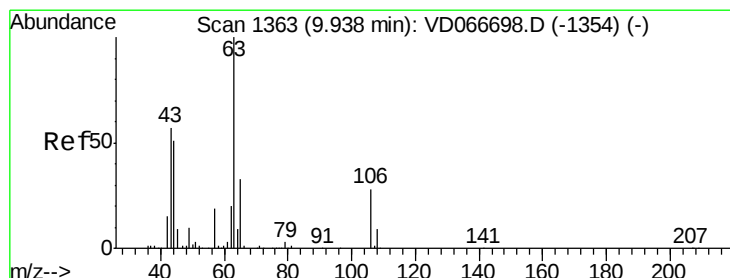
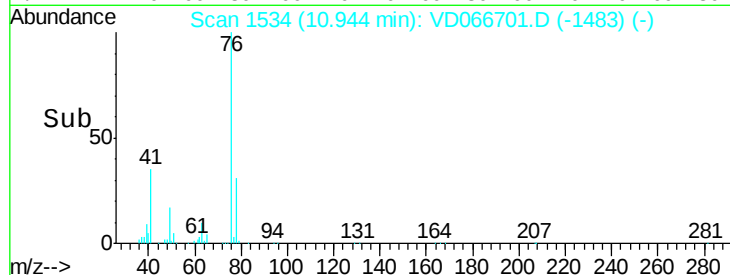
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.019 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066701.D

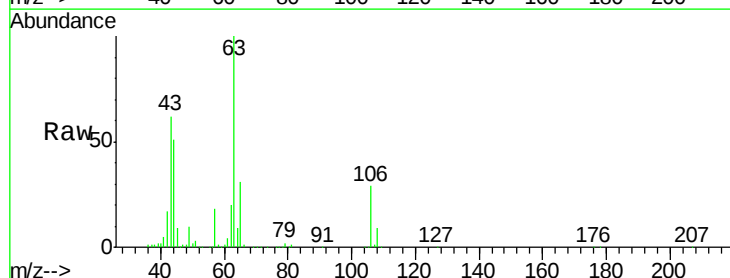
Acq: 15 Sep 2020 17:04

Tgt Ion: 63 Resp: 423869

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

250000

200000

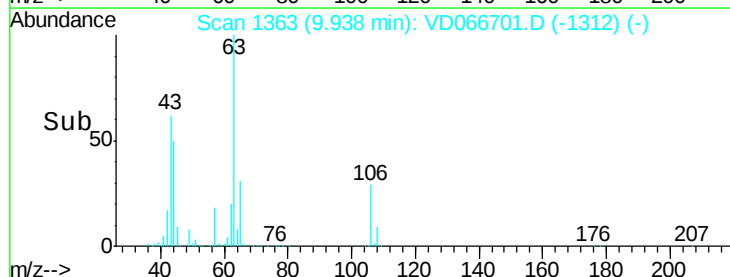
150000

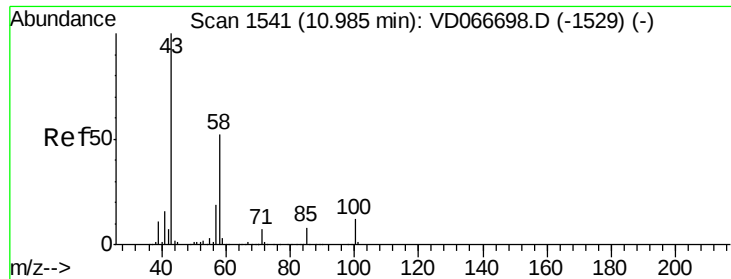
100000

50000

0

Time-->





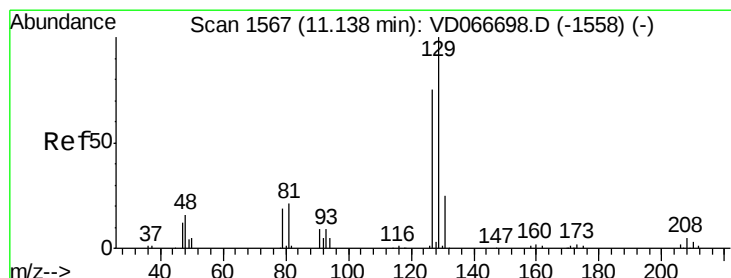
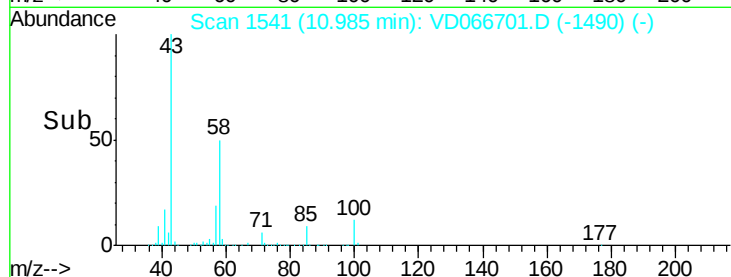
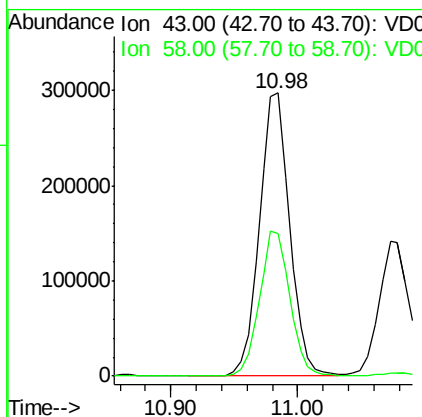
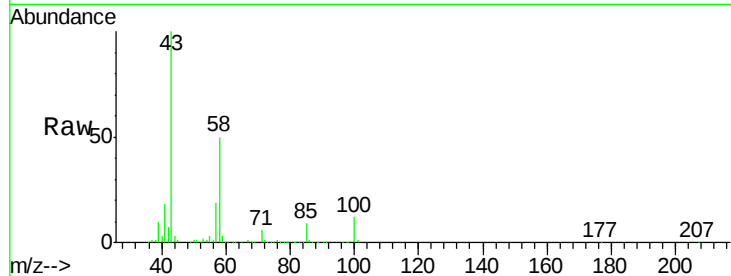
#59
2-Hexanone
Concen: 280.398 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion: 43 Resp: 495086
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5

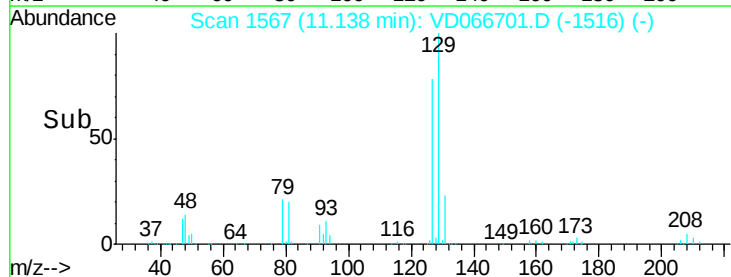
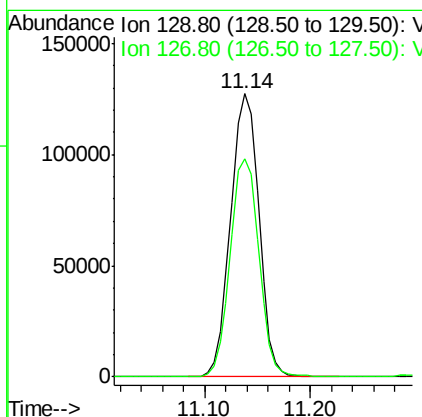
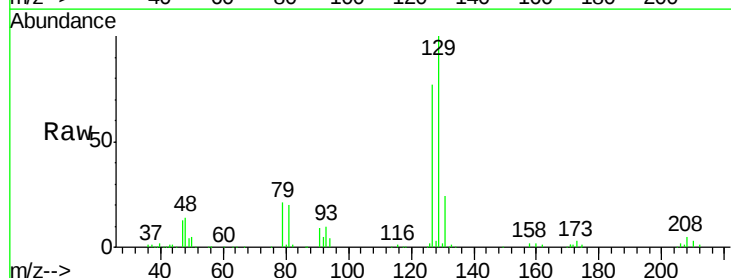
Manual Integrations
APPROVED

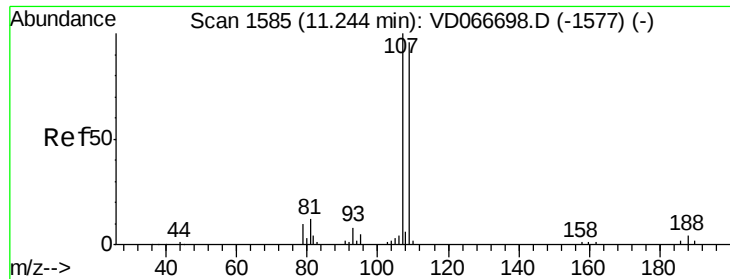
MMDadoda
9/16/2020 11:44:25 AM



#60
Dibromochloromethane
Concen: 52.255 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 129 Resp: 236333
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.3





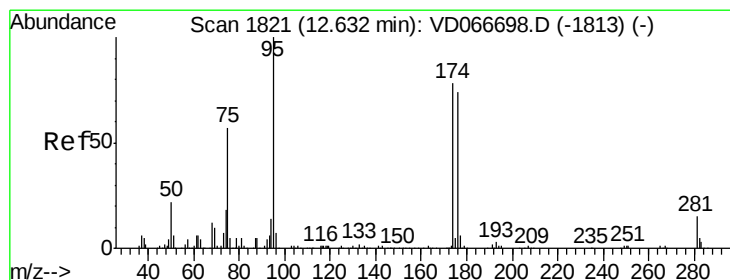
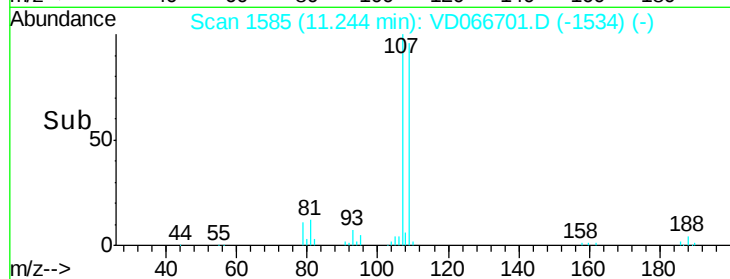
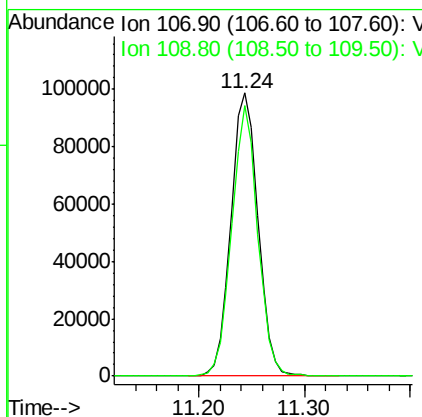
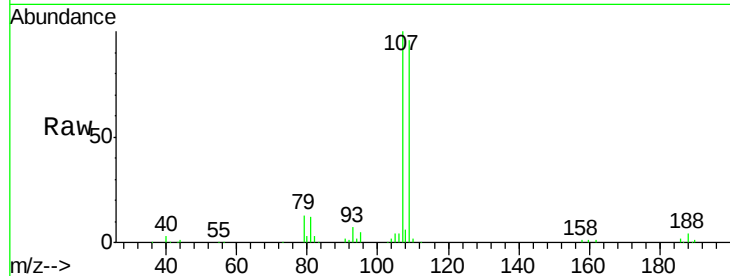
#61
 1,2-Dibromoethane
 Concen: 52.337 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.9	75.6	113.4

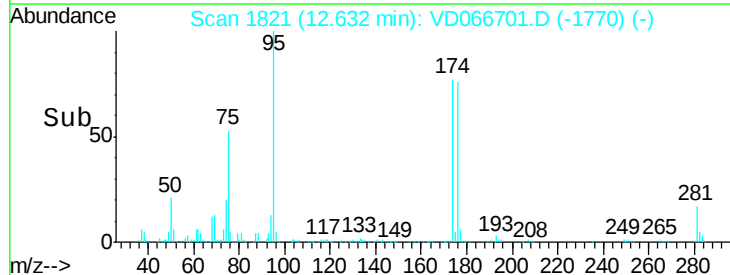
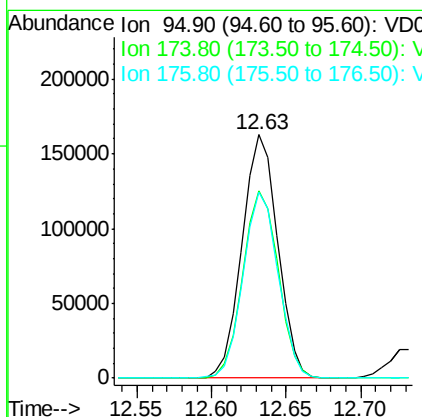
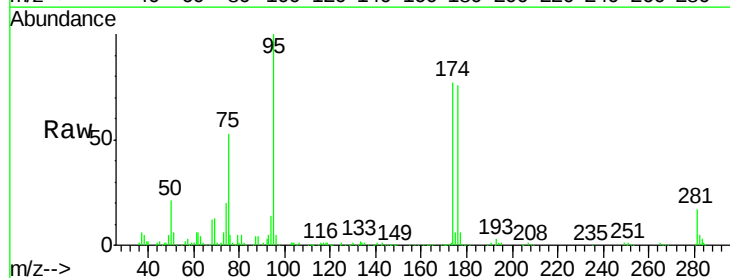
Manual Integrations
 APPROVED

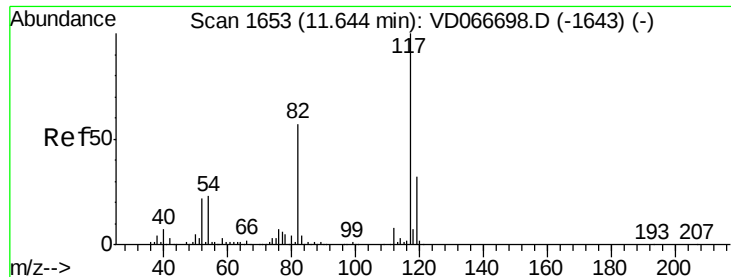
MMDadoda
 9/16/2020 11:44:25 AM



#62
 4-Bromofluorobenzene
 Concen: 51.286 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	156.6
176	75.2	0.0	150.2





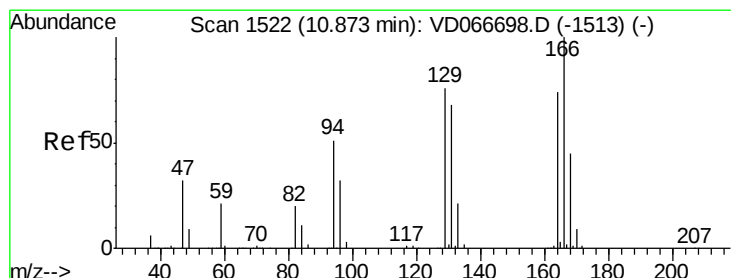
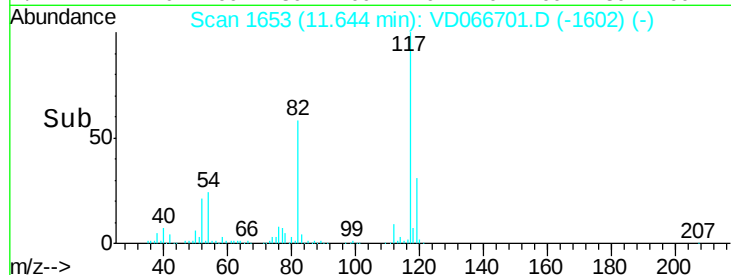
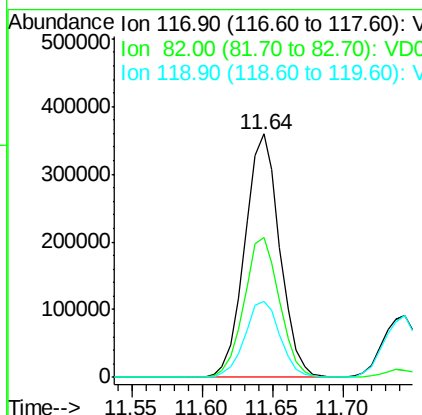
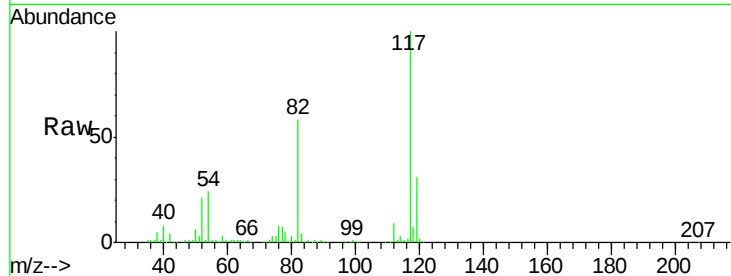
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.0
119	31.2	25.8	38.6

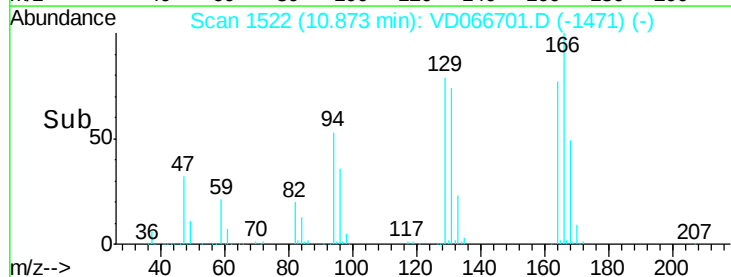
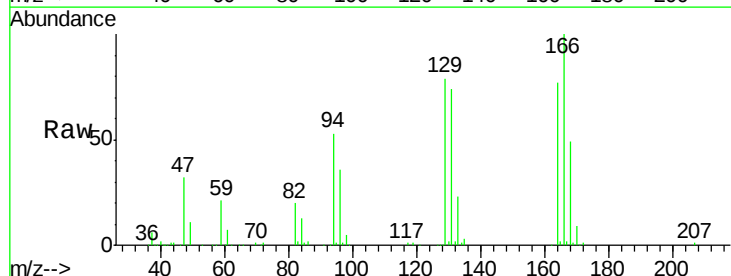
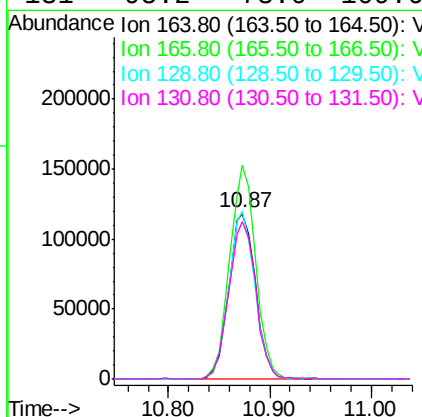
Manual Integrations
APPROVED

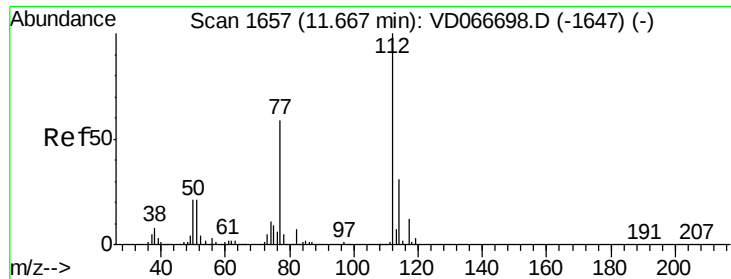
MMDadoda
9/16/2020 11:44:25 AM



#64
Tetrachloroethene
Concen: 50.559 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	107.5	161.3
129	101.6	81.4	122.0
131	95.2	73.0	109.6





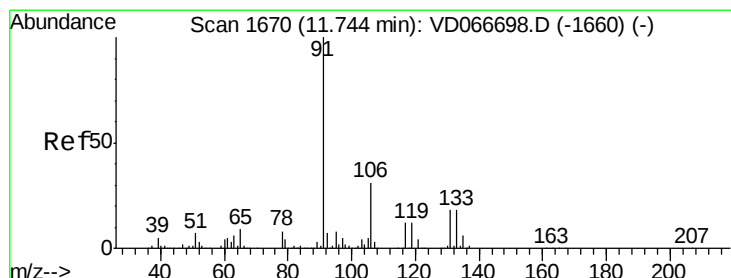
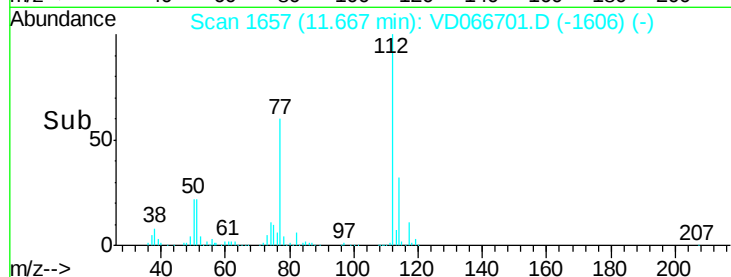
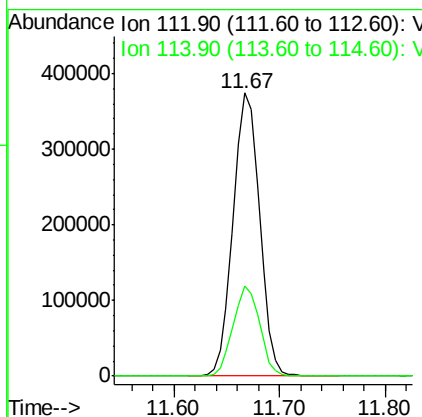
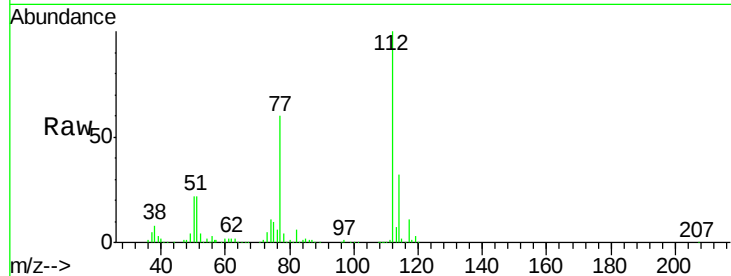
#65
Chlorobenzene
Concen: 50.274 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6

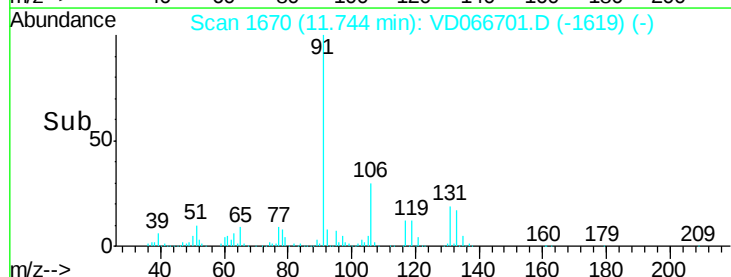
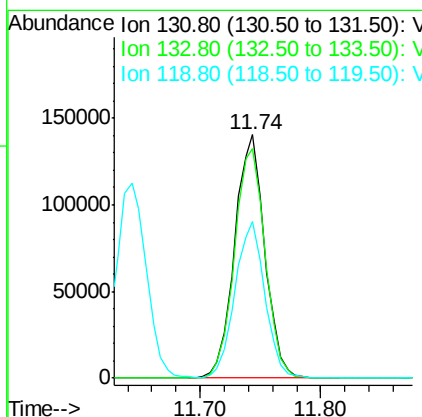
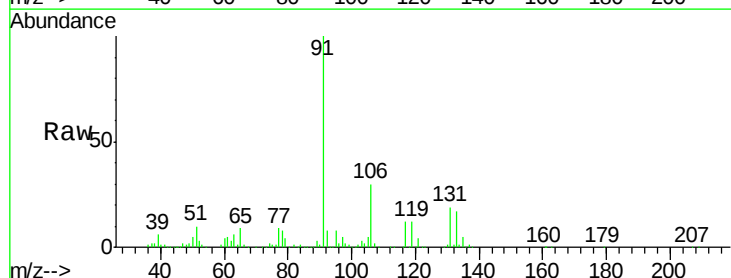
Manual Integrations
APPROVED

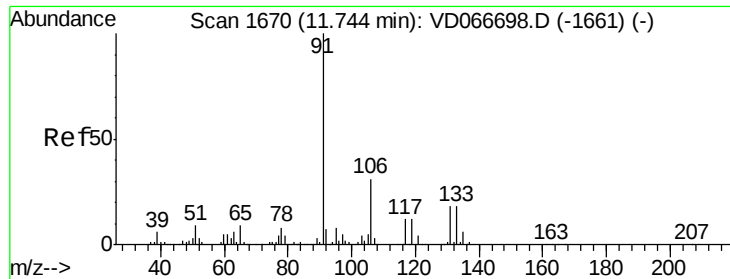
MMDadoda
9/16/2020 11:44:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.135 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.8	143.3
119	64.0	33.6	100.8





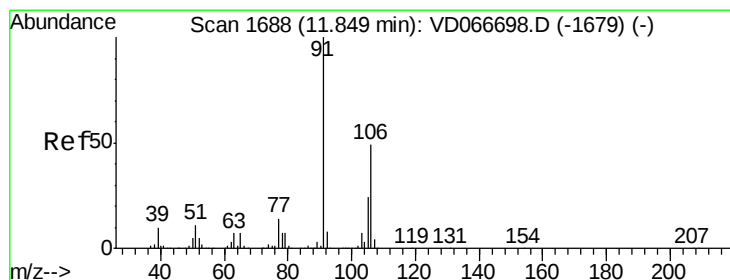
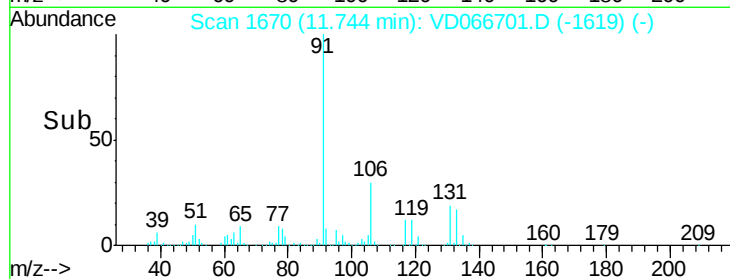
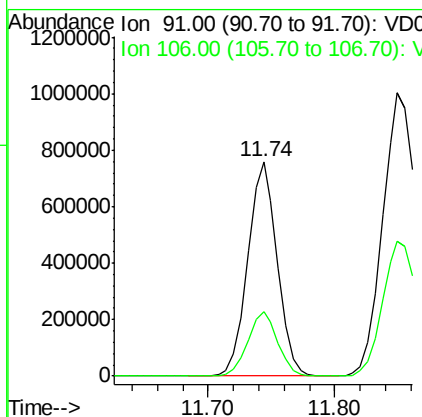
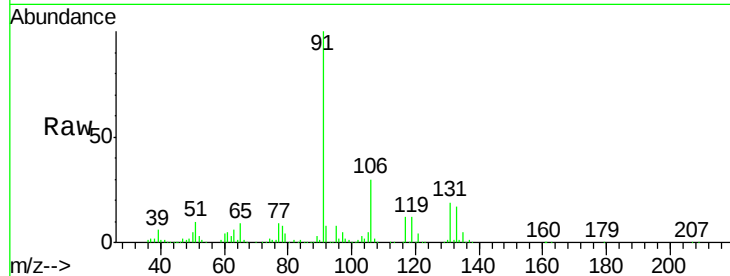
#67
Ethyl Benzene
Concen: 52.273 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion: 91 Resp: 1224096
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7

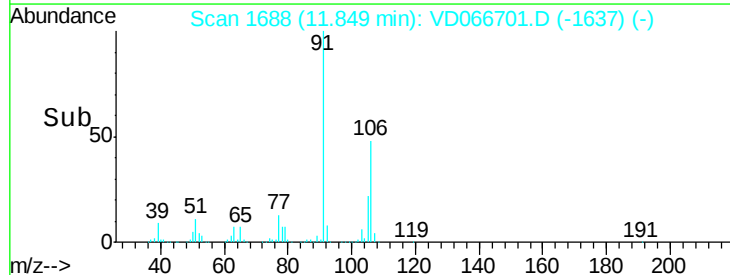
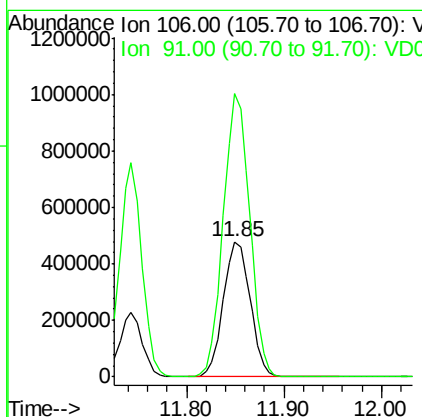
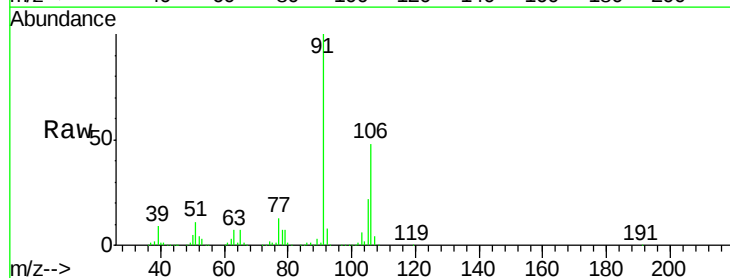
Manual Integrations
APPROVED

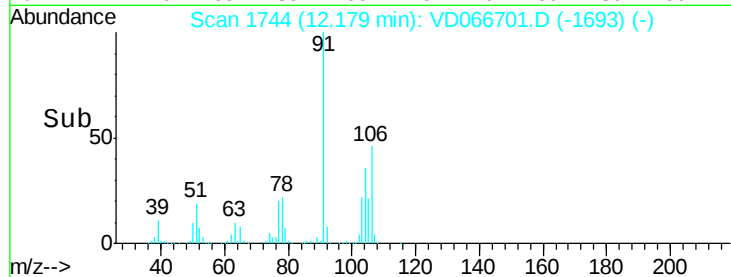
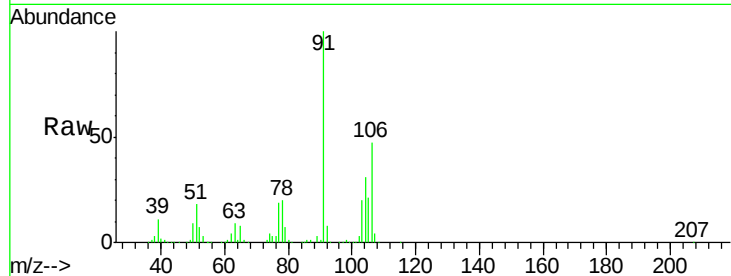
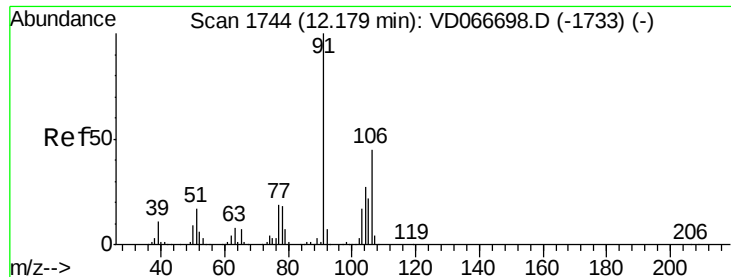
MMDadoda
9/16/2020 11:44:25 AM



#68
m/p-Xylenes
Concen: 103.822 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 106 Resp: 918888
Ion Ratio Lower Upper
106 100
91 205.8 164.8 247.2





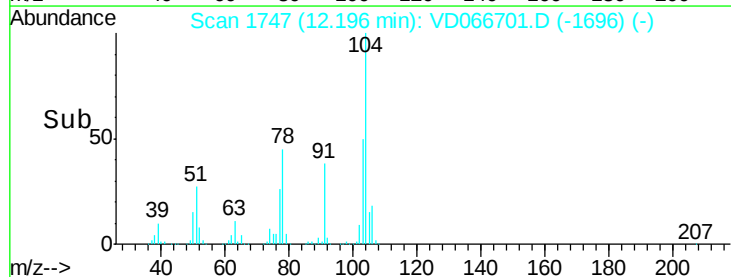
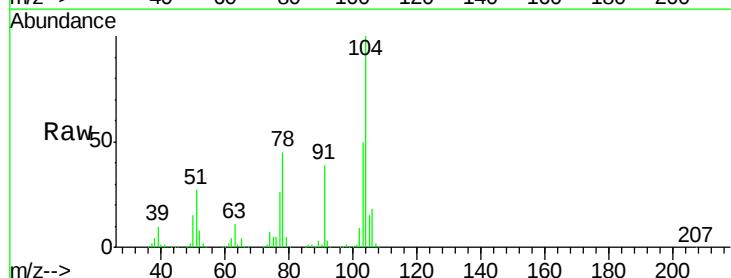
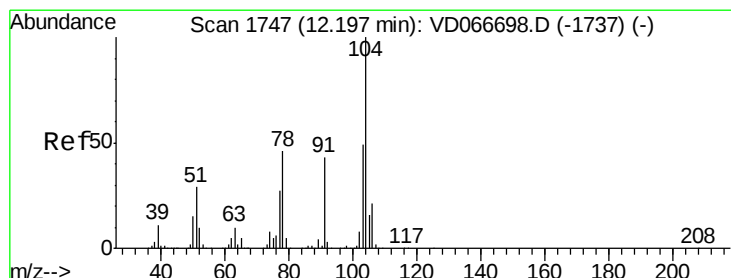
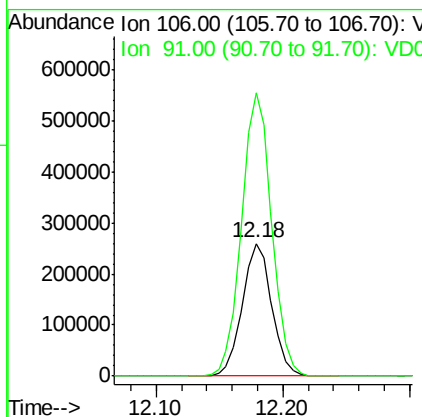
#69
o-Xylene
Concen: 53.243 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		416428		
91	218.6	109.4	328.2		

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

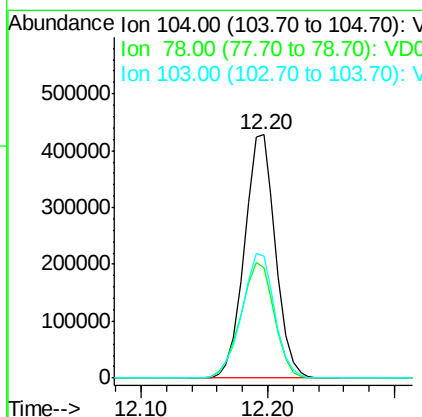
Manual Integrations
APPROVED

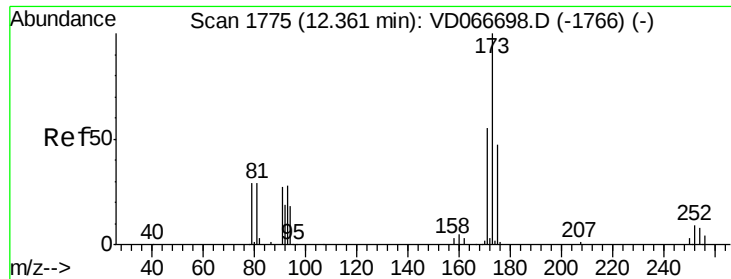
MMDadoda
9/16/2020 11:44:25 AM



#70
Styrene
Concen: 52.709 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		725577		
78	51.5	40.2	60.4		
103	54.2	42.5	63.7		





#71

Bromoform

Concen: 53.653 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

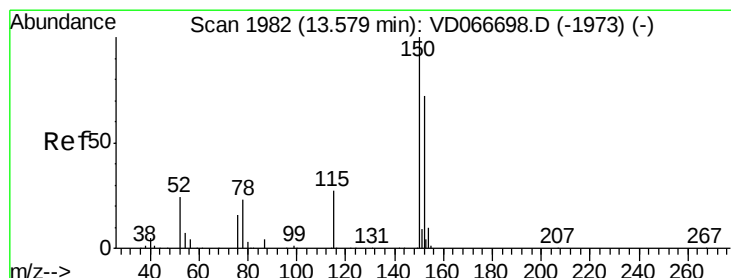
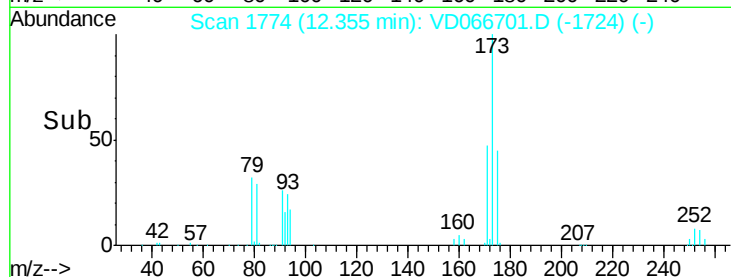
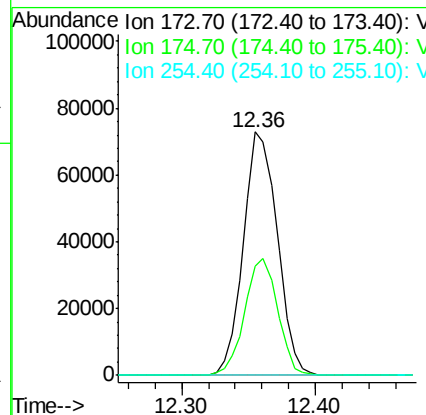
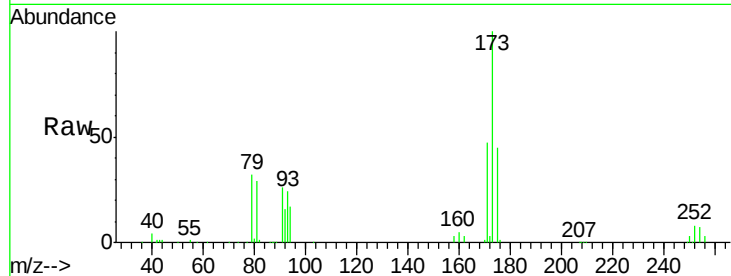
ClientSampleId :

ICVVD091520

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.4	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

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9/16/2020 11:44:25 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

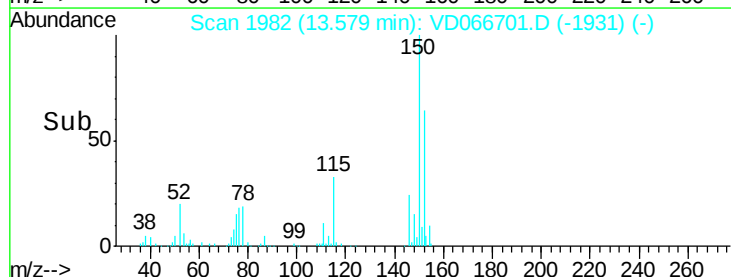
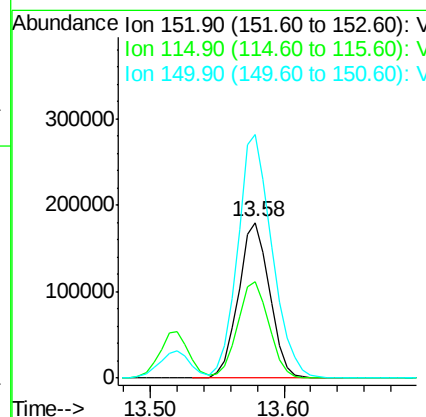
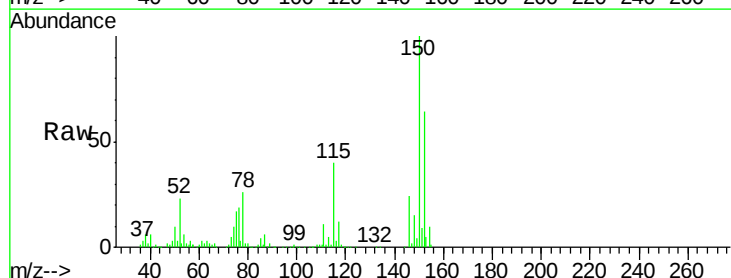
RT: 13.58 min Scan# 1982

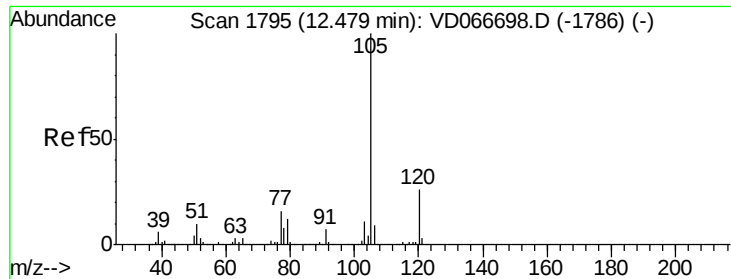
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.5	91.5
150	173.2	0.0	344.6





#73

Isopropylbenzene

Concen: 53.119 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

ICVVD091520

Tot Ion:105 Resp: 1152065

Ion Ratio Lower Upper

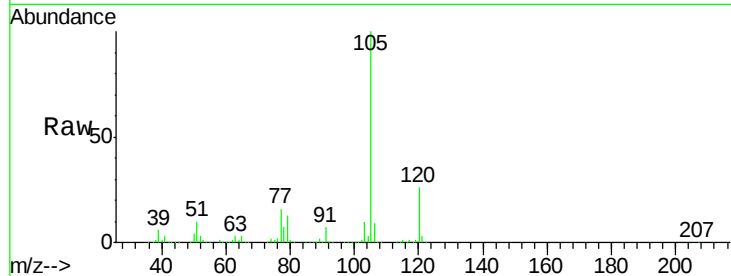
105 100

120 26.1 13.1 39.1

Manual Integrations
APPROVED

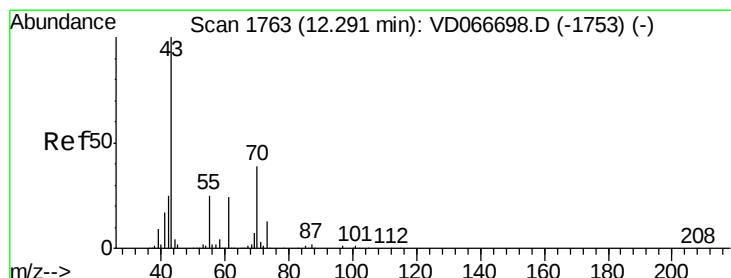
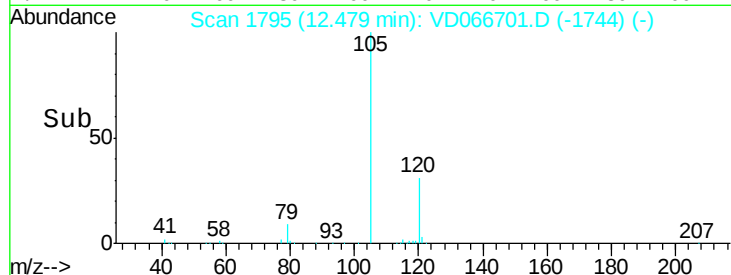
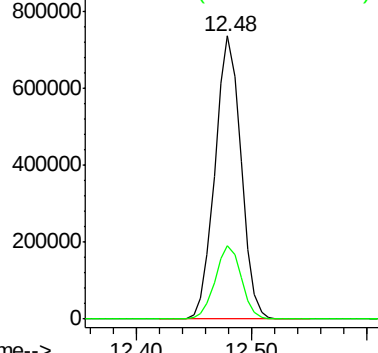
MMDadoda

9/16/2020 11:44:25 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.610 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion: 43 Resp: 254419

Ion Ratio Lower Upper

43 100

70 41.8 33.0 49.4

55 25.7 20.6 30.8

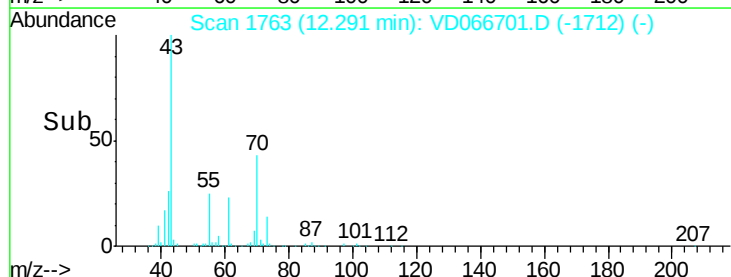
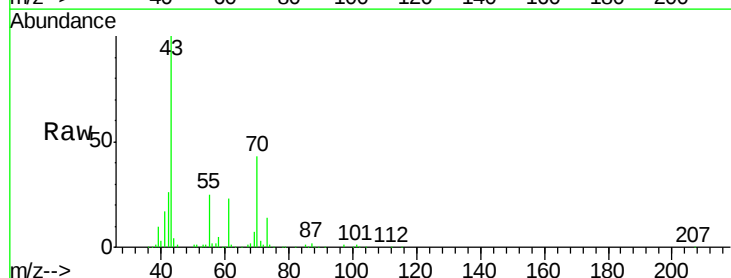
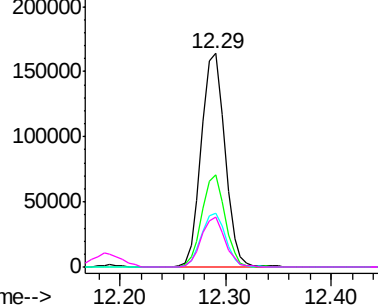
61 23.4 19.1 28.7

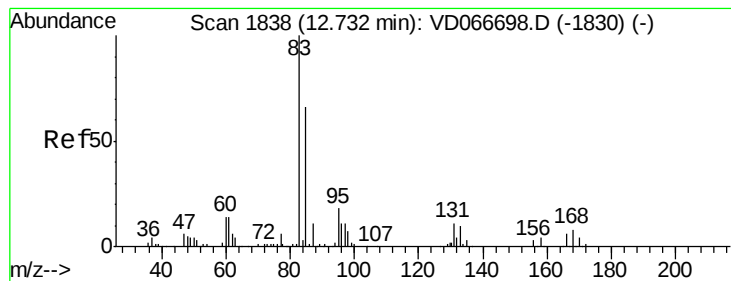
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.955 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

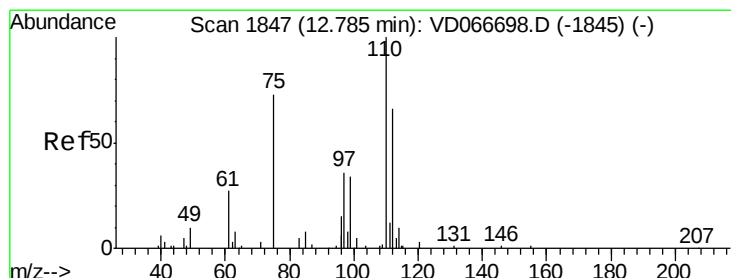
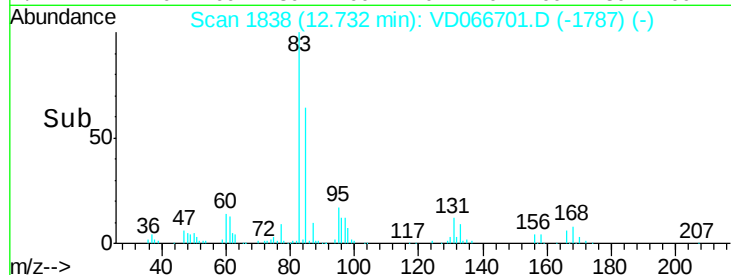
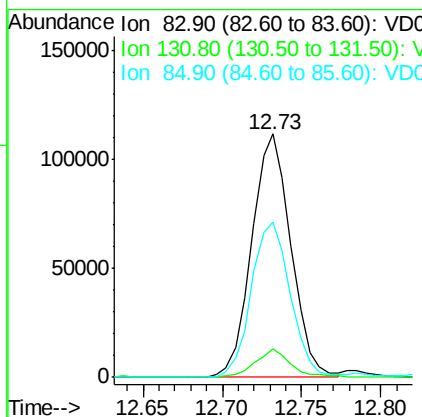
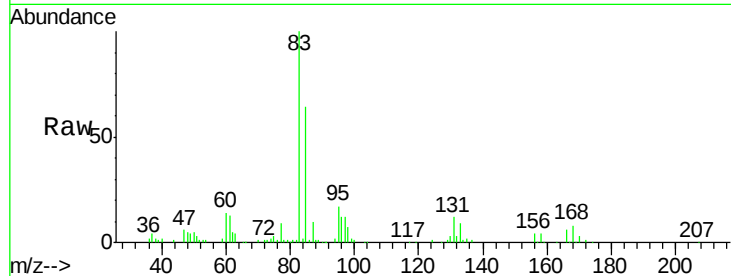
ClientSampleId :

ICVVD091520

Tot Ion:	83	Resp:	191475
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.8	17.3
85	63.8	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 59.419 ug/l m

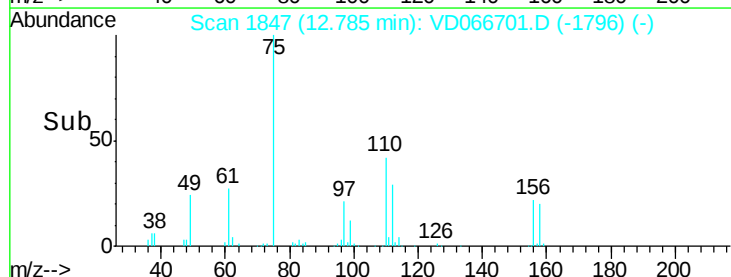
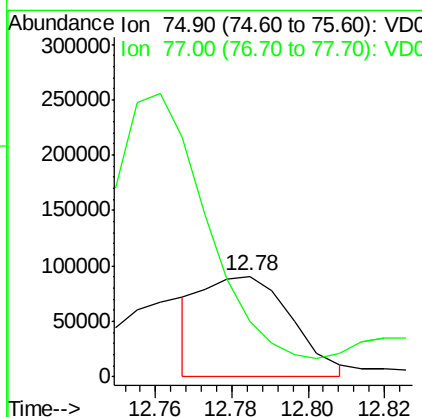
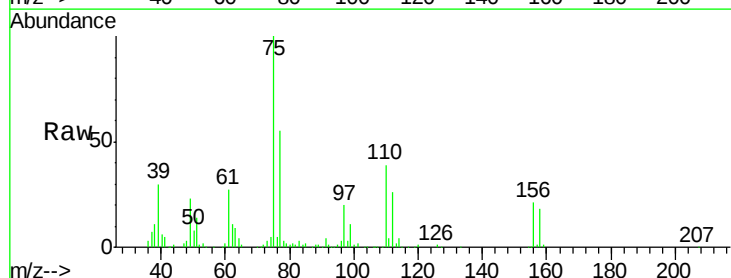
RT: 12.78 min Scan# 1847

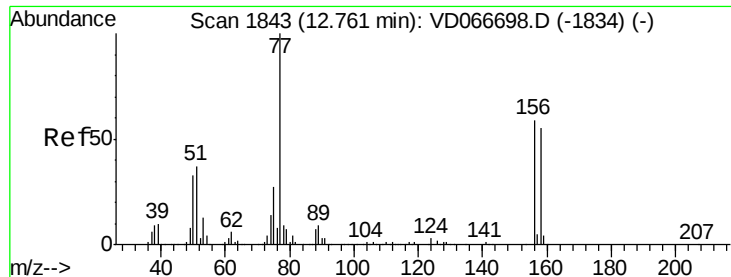
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	75	Resp:	147761
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.560 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

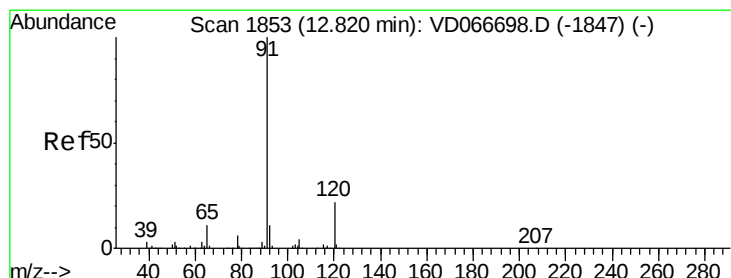
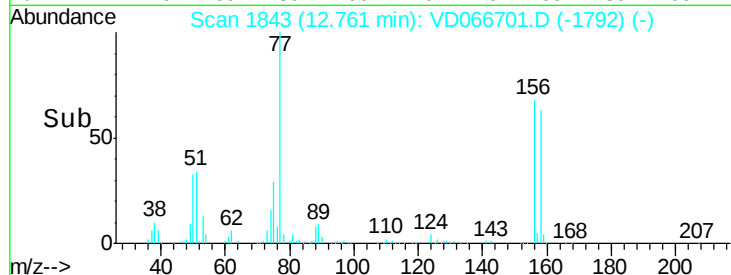
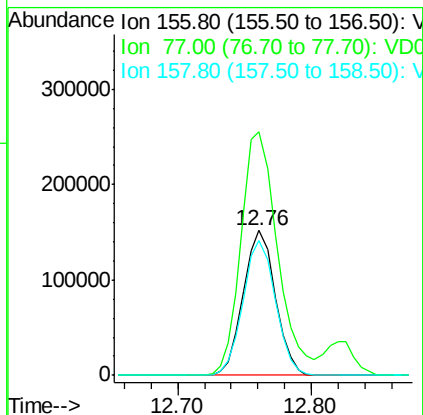
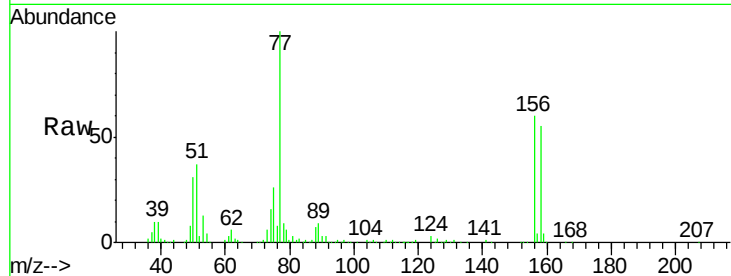
ClientSampleId :

ICVVD091520

Tot Ion:	156	Resp:	252739
Ion Ratio	Lower	Upper	
156	100		
77	191.9	95.8	287.3
158	93.7	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 53.049 ug/l

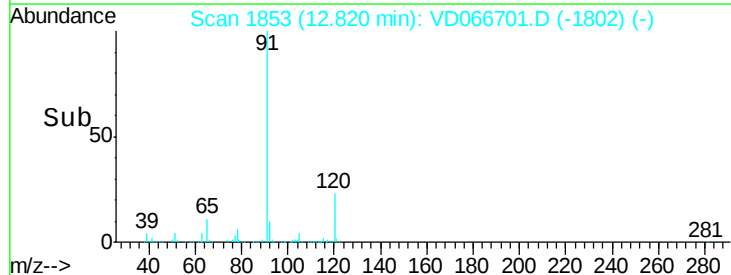
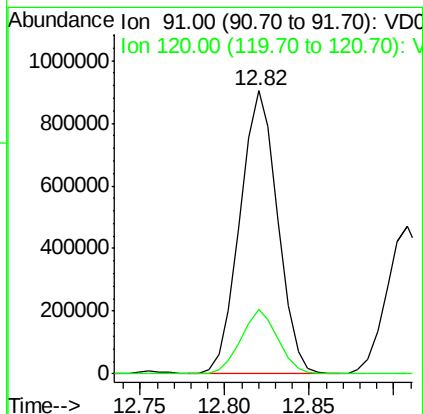
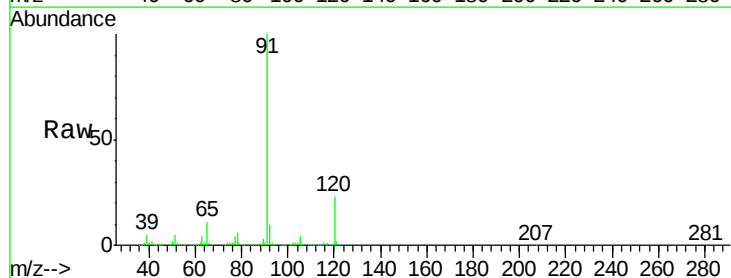
RT: 12.82 min Scan# 1853

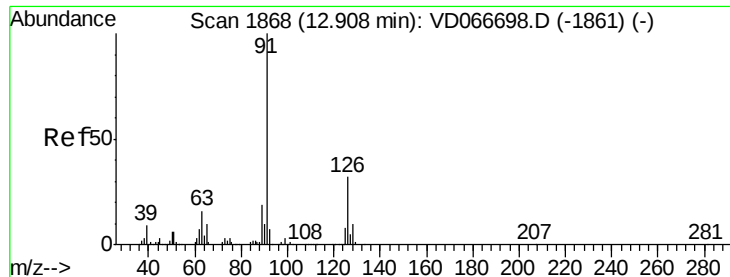
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	91	Resp:	1402537
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.9





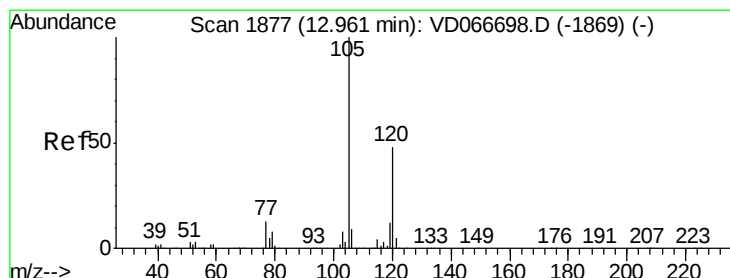
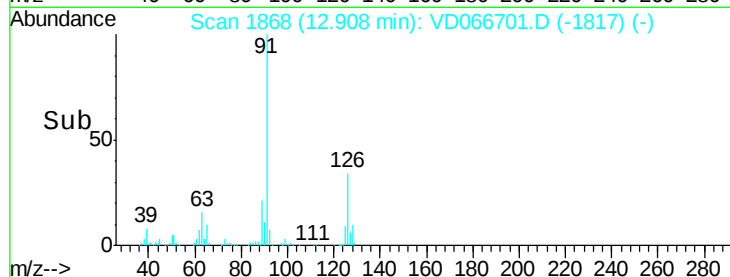
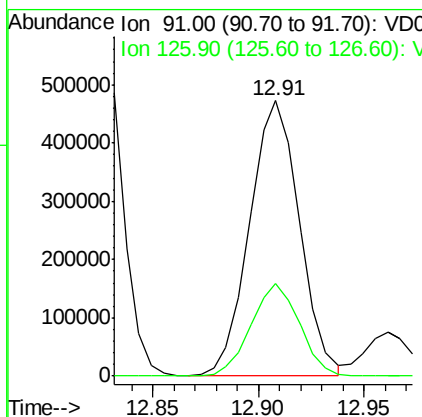
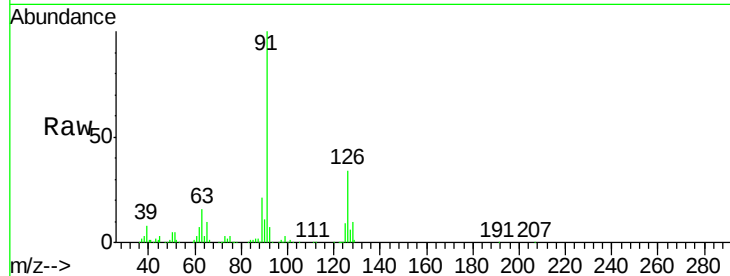
#79
2-Chlorotoluene
Concen: 51.712 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6

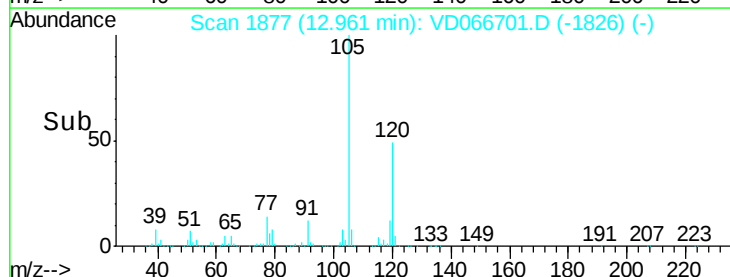
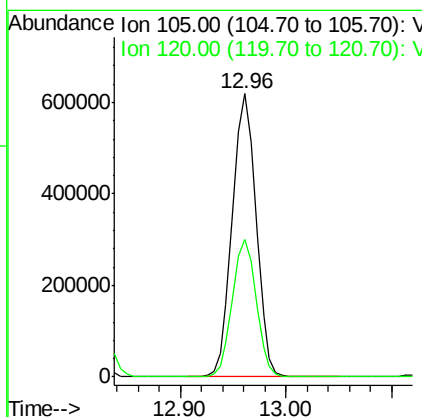
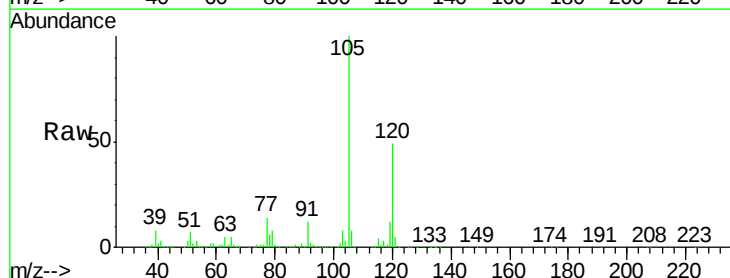
Manual Integrations
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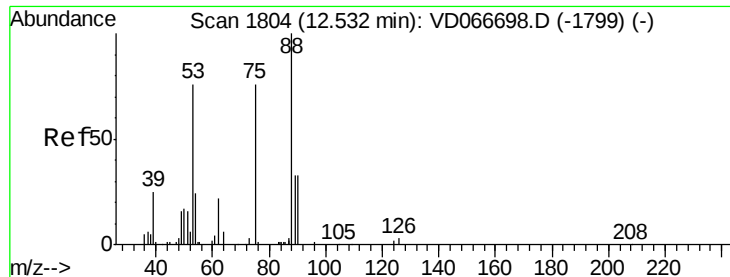
MMDadoda
9/16/2020 11:44:25 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.643 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.9	71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 54.941 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Instrument :

MSVOA_D

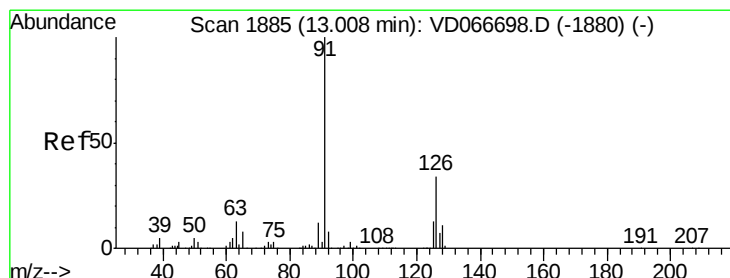
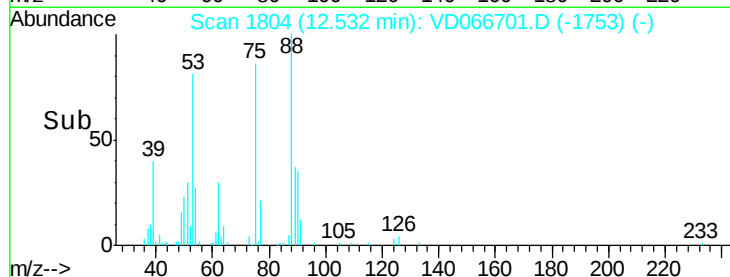
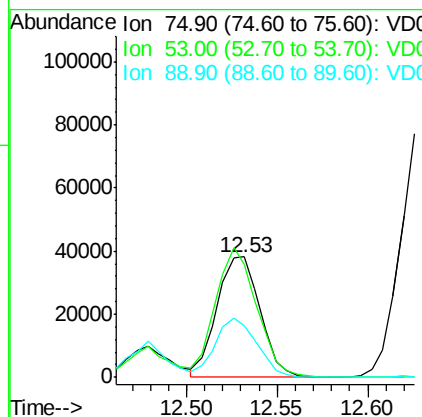
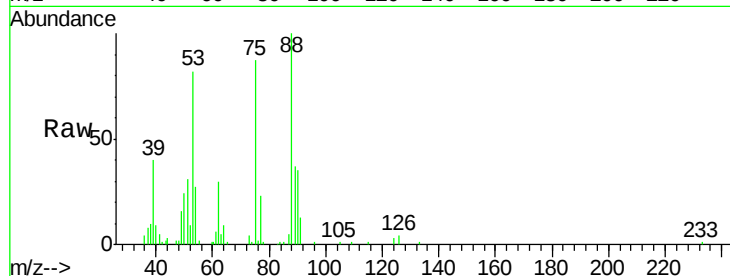
ClientSampleId :

ICVVD091520

Tot Ion:	75	Resp:	63306
Ion	Ratio	Lower	Upper
75	100		
53	102.7	82.2	123.4
89	47.6	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.958 ug/l

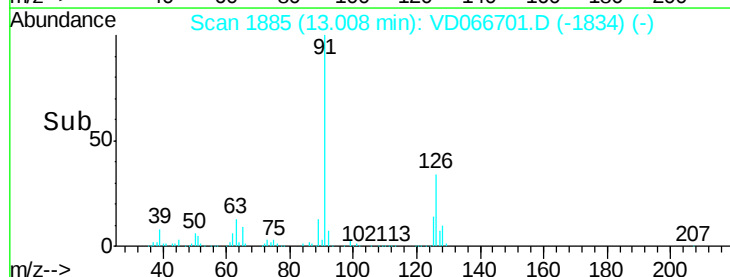
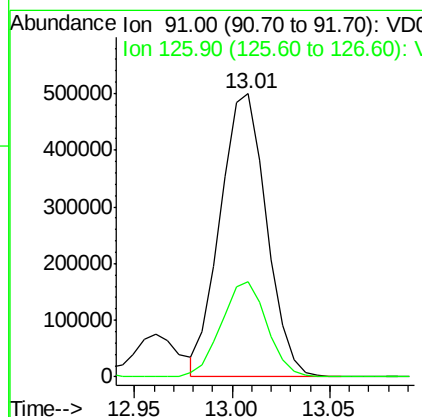
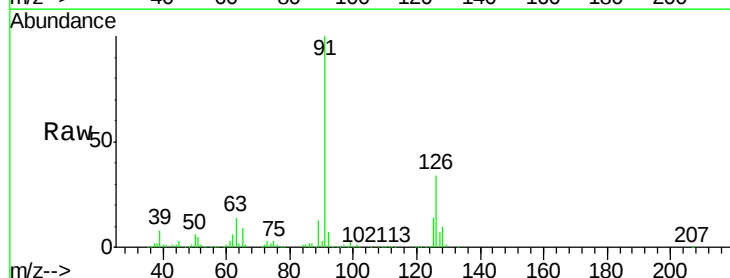
RT: 13.01 min Scan# 1885

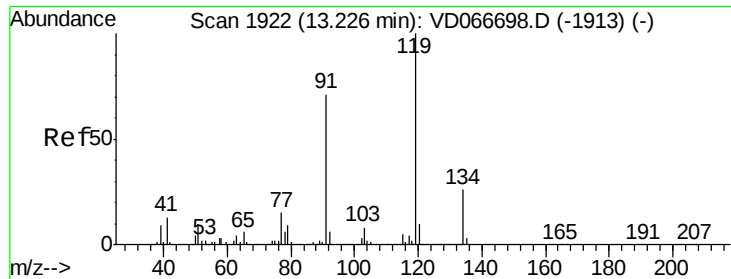
Delta R.T. -0.00 min

Lab File: VD066701.D

Acq: 15 Sep 2020 17:04

Tgt Ion:	91	Resp:	821319
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.4





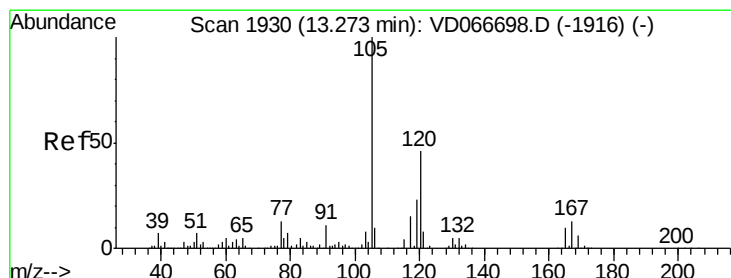
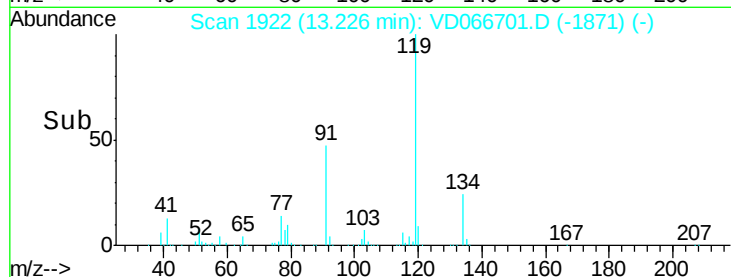
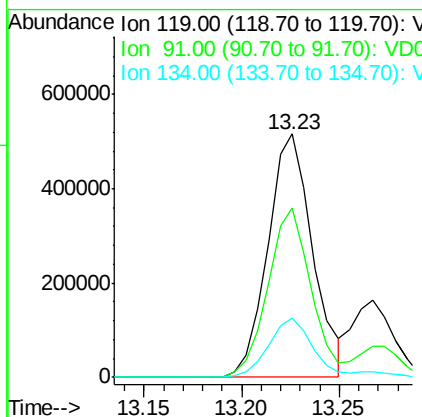
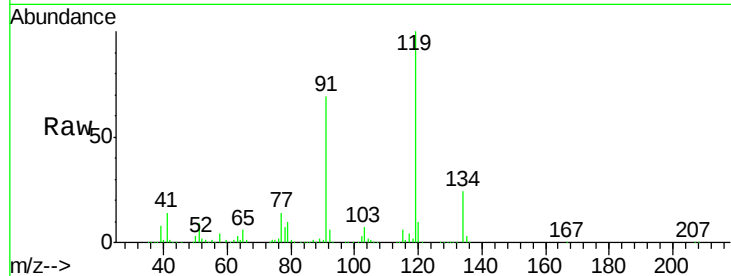
#83
tert-Butylbenzene
Concen: 54.070 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	35.0	105.1
134	25.9	13.6	40.8

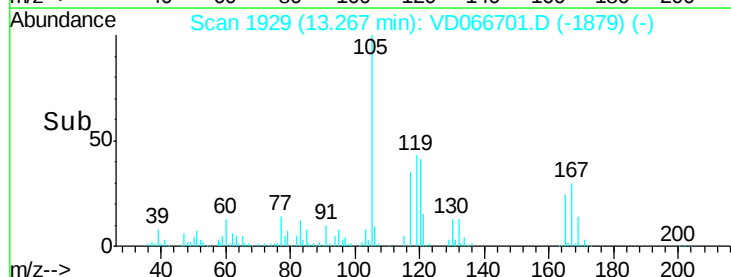
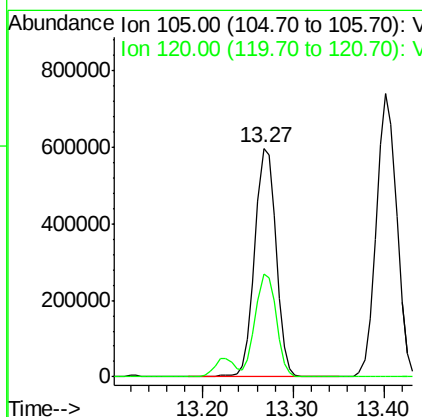
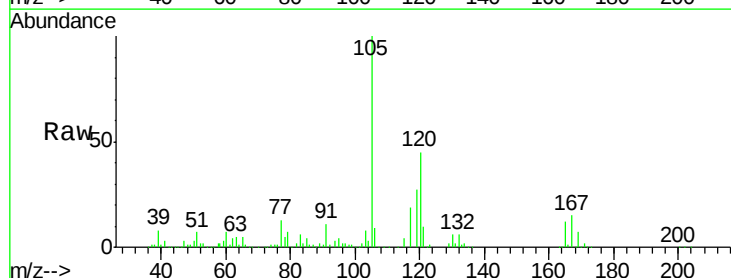
Manual Integrations
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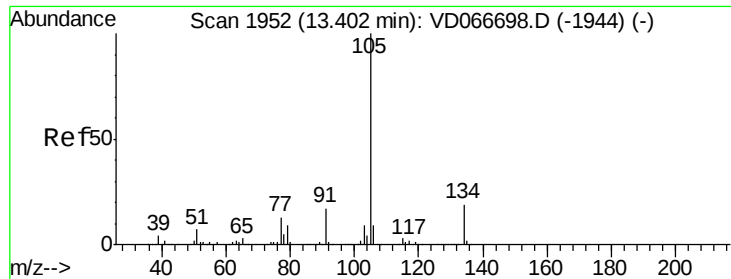
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.376 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.2





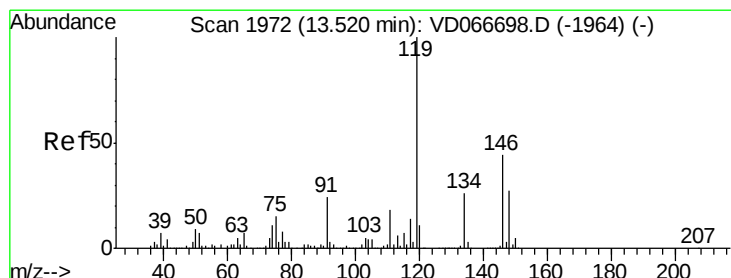
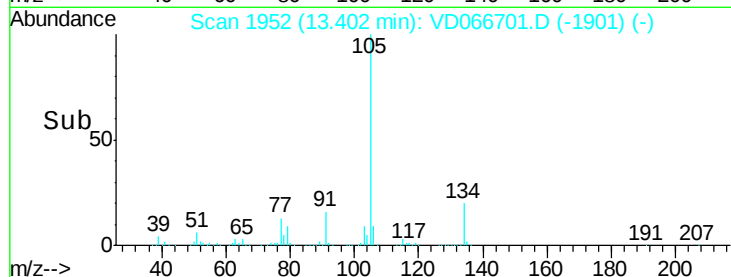
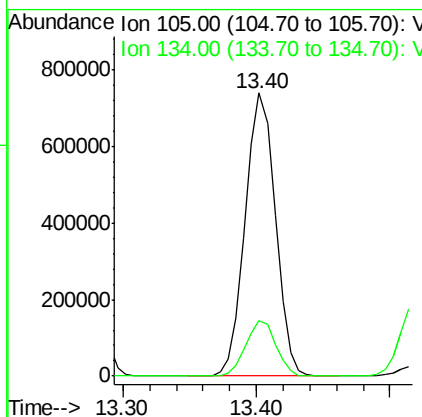
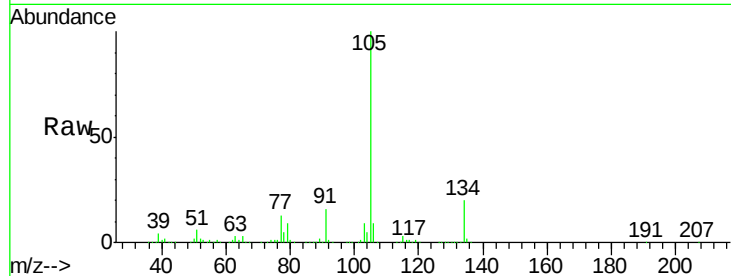
#85
 sec-Butylbenzene
 Concen: 53.333 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion:105 Resp: 1155640
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

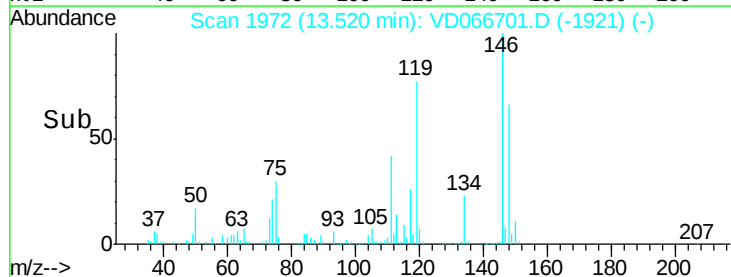
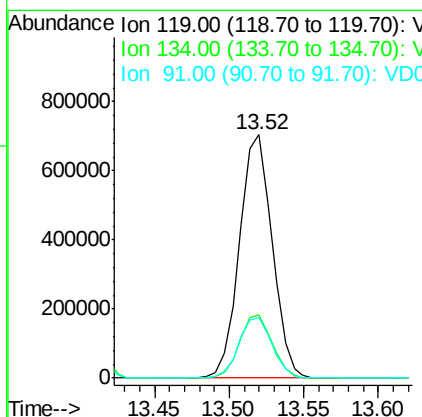
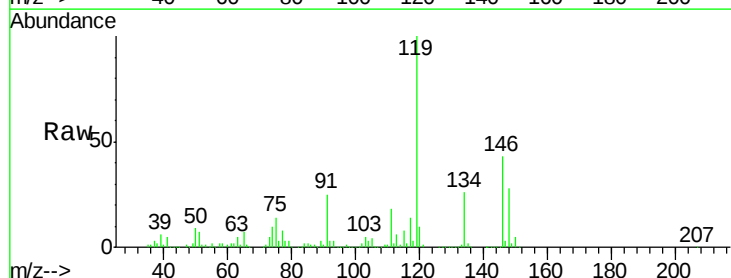
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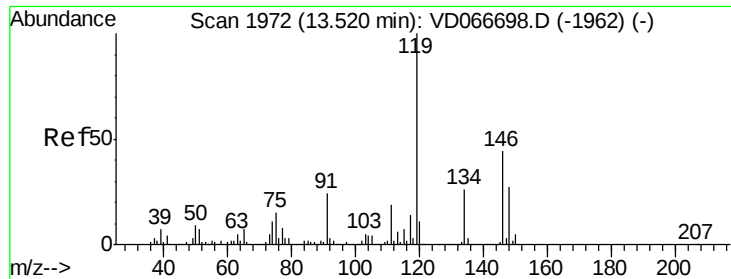
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#86
 p-Isopropyltoluene
 Concen: 54.340 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion:119 Resp: 1070465
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.0 12.3 36.9





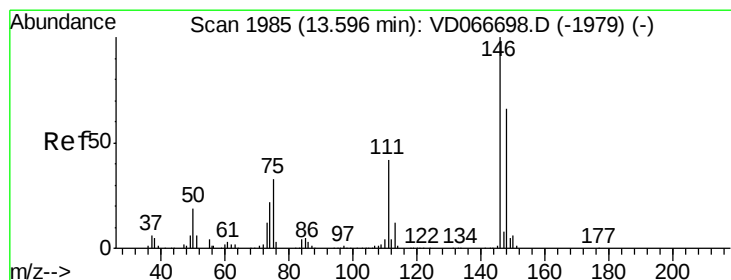
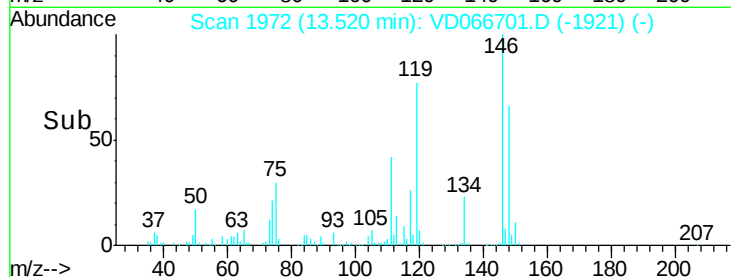
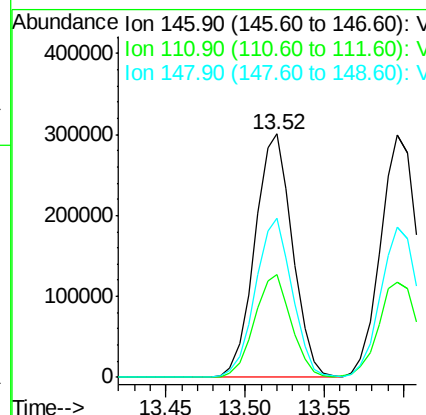
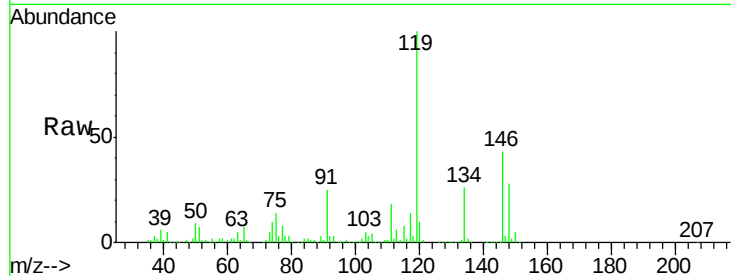
#87
 1,3-Dichlorobenzene
 Concen: 51.723 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
146	100	496043		
111	41.2	21.1	63.3	
148	63.9	31.4	94.2	

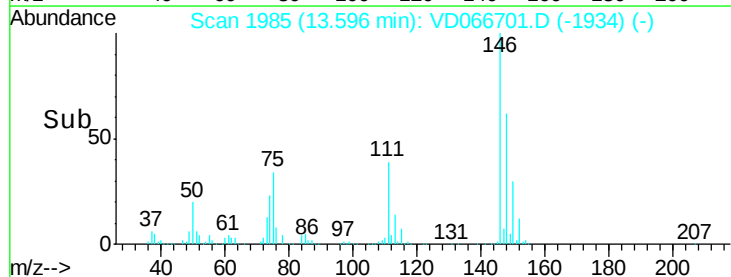
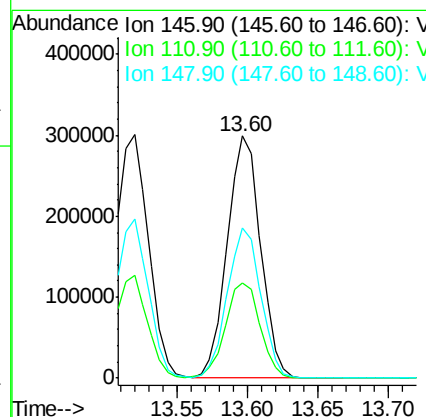
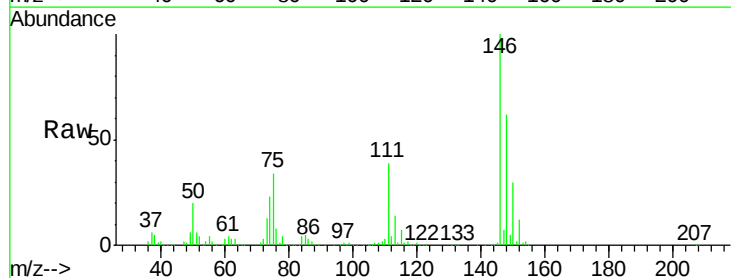
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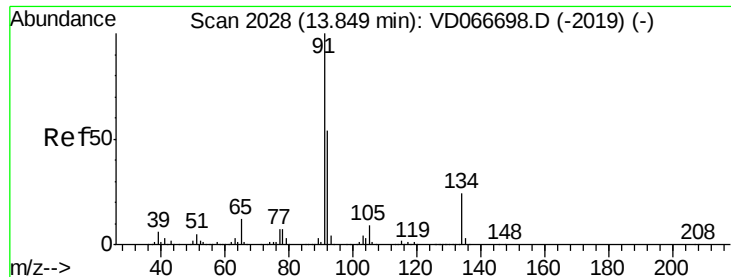
MMDadoda
 9/16/2020 11:44:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.513 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	491948		
111	40.9	20.5	61.6	
148	62.3	32.7	98.1	





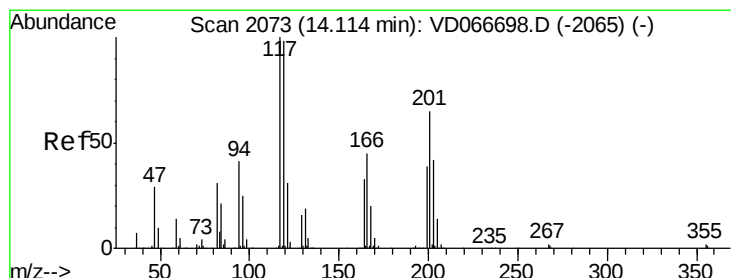
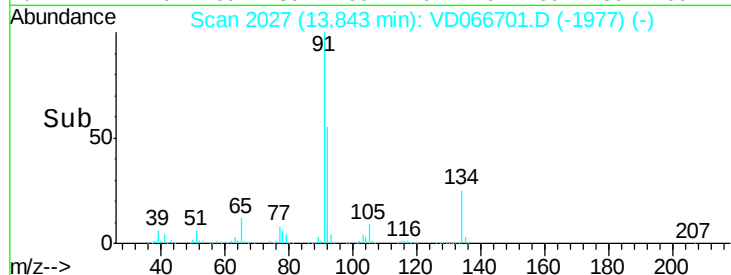
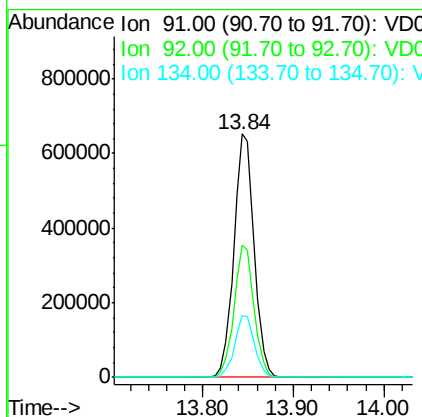
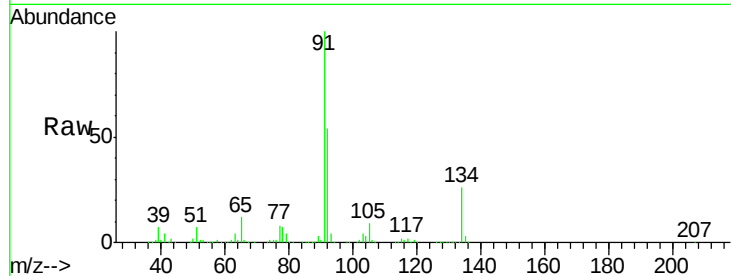
#89
n-Butylbenzene
Concen: 54.255 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion: 91 Resp: 1016290
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 25.1 12.4 37.0

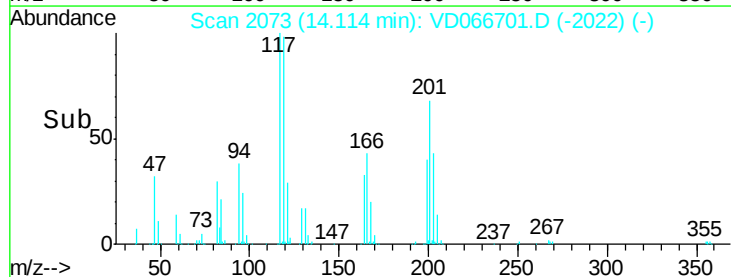
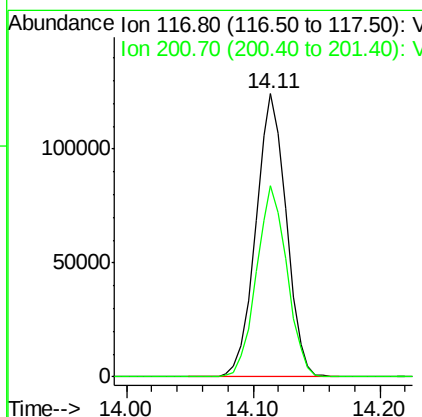
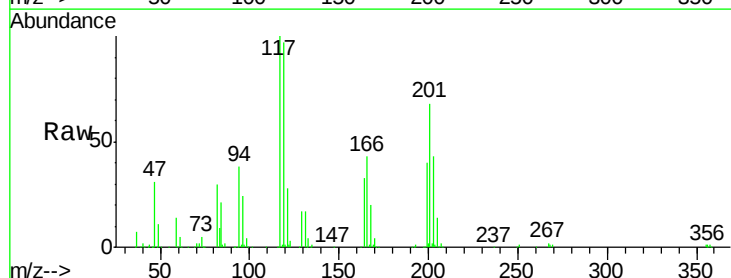
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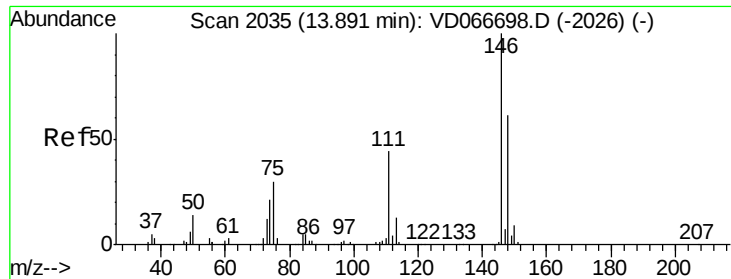
MMDadoda
9/16/2020 11:44:25 AM



#90
Hexachloroethane
Concen: 51.348 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion: 117 Resp: 207796
Ion Ratio Lower Upper
117 100
201 67.8 33.1 99.3





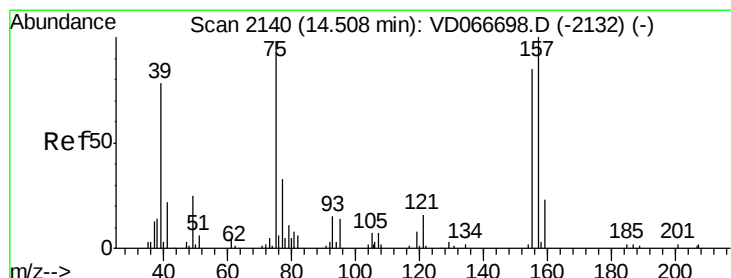
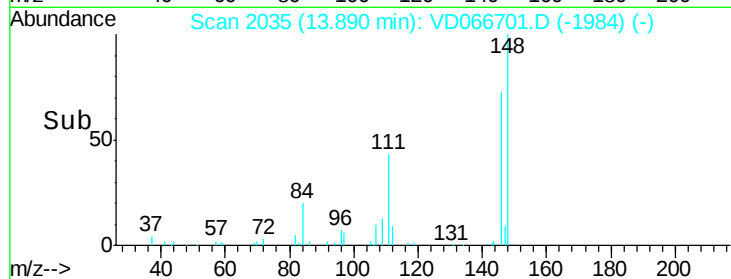
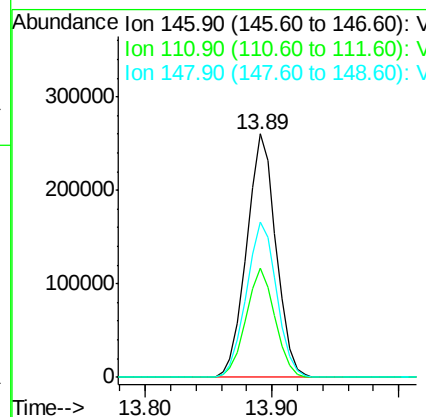
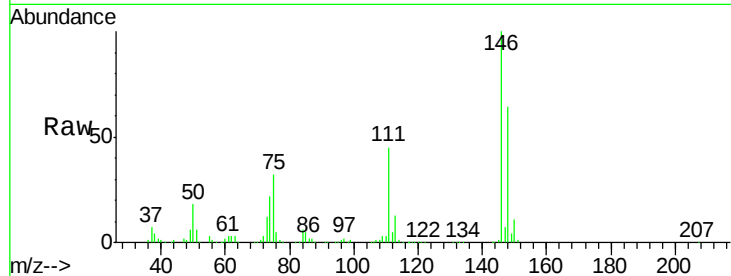
#91
 1,2-Dichlorobenzene
 Concen: 51.005 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
146	100	419131		
111	44.2	21.6	64.6	
148	65.5	31.4	94.3	

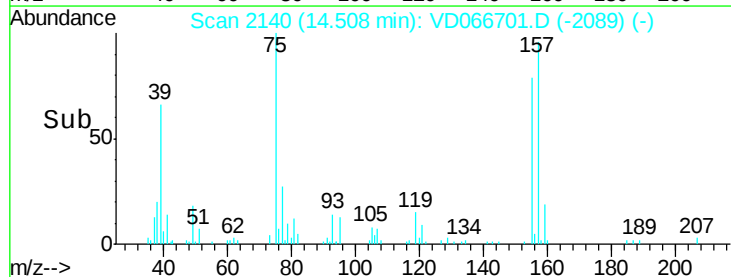
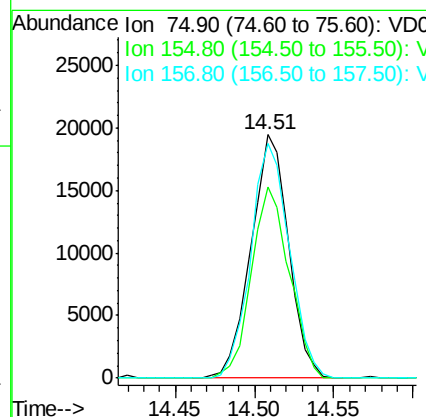
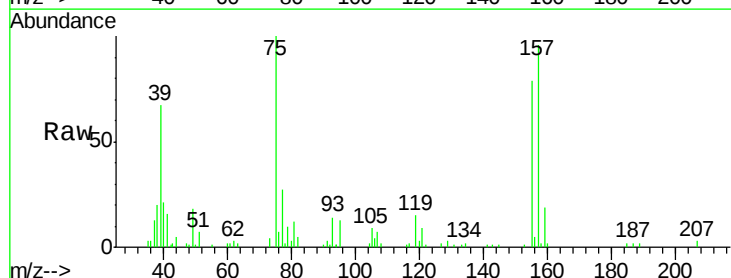
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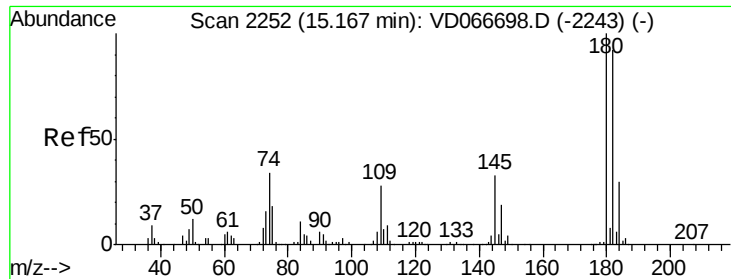
MMDadoda
 9/16/2020 11:44:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.821 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32064		
155	79.1	38.9	116.7	
157	99.2	46.4	139.2	





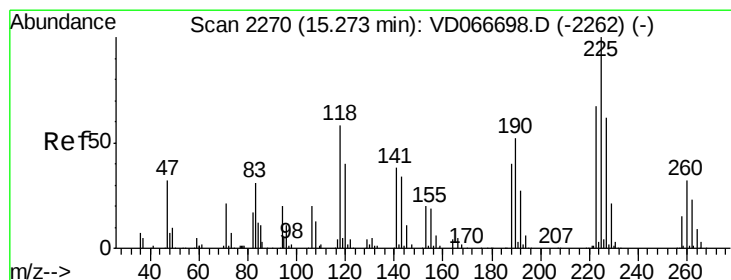
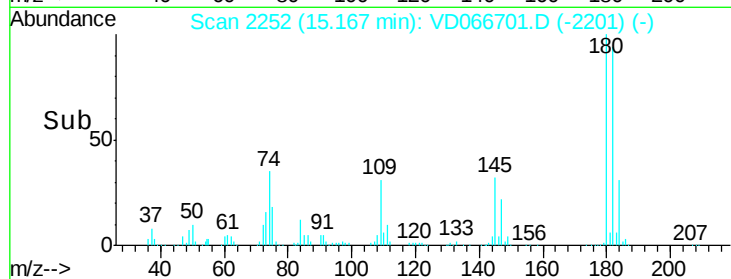
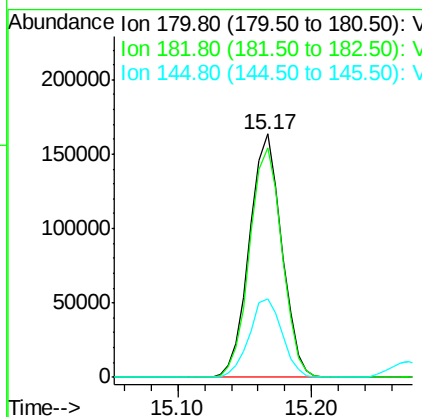
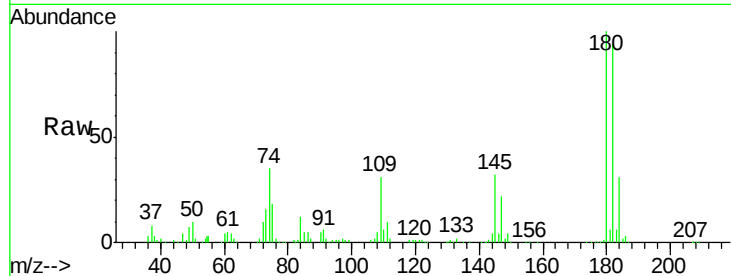
#93
 1,2,4-Trichlorobenzene
 Concen: 54.803 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	272380		
182	94.7	46.6	139.7	
145	33.0	16.5	49.5	

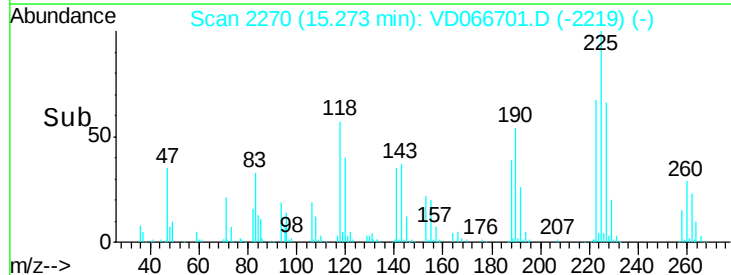
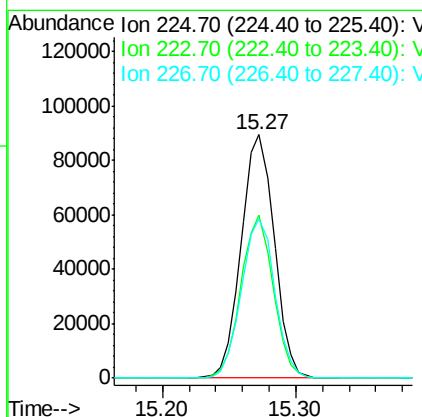
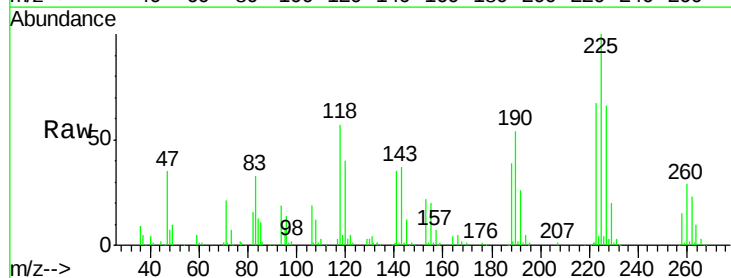
Manual Integrations
 APPROVED

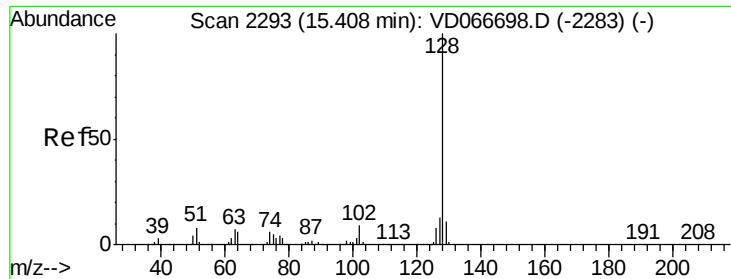
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 9/16/2020 11:44:25 AM



#94
 Hexachlorobutadiene
 Concen: 51.041 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066701.D
 Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152841		
223	65.5	31.9	95.9	
227	65.8	31.3	93.9	





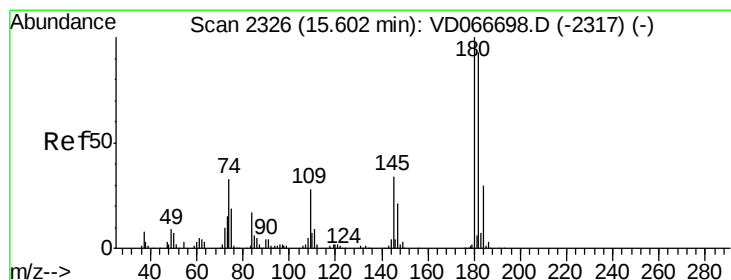
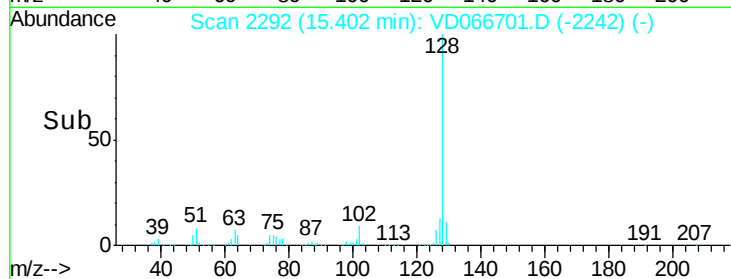
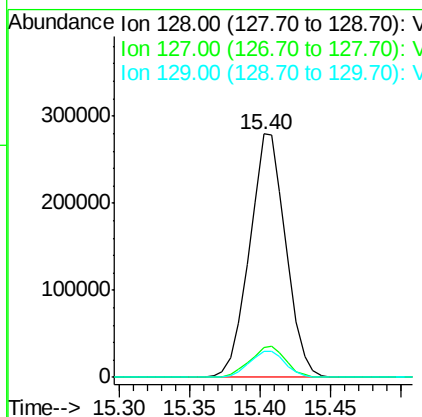
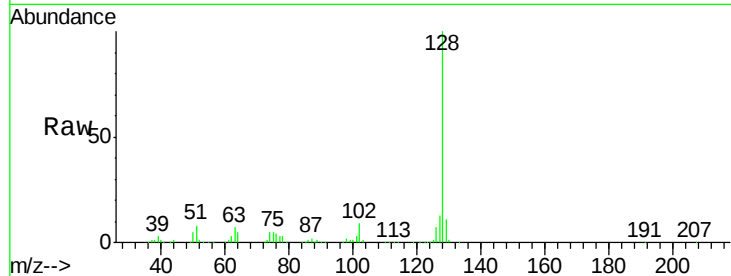
#95
Naphthalene
Concen: 57.937 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Instrument :
MSVOA_D
ClientSampleId :
ICVVD091520

Tot Ion	Ratio	Resp	Lower	Upper
128	100	503115		
127	12.8		10.5	15.7
129	10.8		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.940 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066701.D
Acq: 15 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238505		
182	93.0		46.6	139.8
145	34.2		17.1	51.3

