

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066904.D
 Acq On : 28 Sep 2020 10:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:46:38 AM

Quant Time: Sep 29 01:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	288237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	180834	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	7.91	113	196535	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.34	98	698281	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.63	95	248228	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	143000	48.121	ug/l	92
3) Chloromethane	2.21	50	153411	39.357	ug/l	98
4) Vinyl Chloride	2.35	62	152869	39.697	ug/l	98
5) Bromomethane	2.77	94	113898	42.080	ug/l	96
6) Chloroethane	2.93	64	96542	40.370	ug/l	90
7) Trichlorofluoromethane	3.27	101	358872	45.376	ug/l	100
8) Diethyl Ether	3.71	74	91792	45.717	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	211640	46.149	ug/l	98
10) Methyl Iodide	4.30	142	192893	47.665	ug/l	96
11) Tert butyl alcohol	5.21	59	59505	234.189	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	194432	46.802	ug/l	95
13) Acrolein	3.92	56	80504	262.811	ug/l	92
14) Allyl chloride	4.71	41	277314	45.459	ug/l	98
15) Acrylonitrile	5.43	53	207788	233.526	ug/l	98
16) Acetone	4.15	43	200491	227.608	ug/l	97
17) Carbon Disulfide	4.41	76	556567	43.821	ug/l	99
18) Methyl Acetate	4.71	43	90629	45.808	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	450587	49.944	ug/l	99
20) Methylene Chloride	4.96	84	231916	48.623	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	224581	46.688	ug/l	94
22) Diisopropyl ether	6.36	45	587576	46.846	ug/l	98
23) Vinyl Acetate	6.30	43	1581590	232.440	ug/l	97
24) 1,1-Dichloroethane	6.26	63	378569	45.116	ug/l	98
25) 2-Butanone	7.21	43	241503	228.143	ug/l	99
26) 2,2-Dichloropropane	7.20	77	354202	46.056	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256986	49.170	ug/l	96
28) Bromochloromethane	7.54	49	164317	47.401	ug/l #	93
29) Tetrahydrofuran	7.56	42	161880	238.665	ug/l	98
30) Chloroform	7.71	83	420004	46.435	ug/l	99
31) Cyclohexane	7.98	56	333697	44.198	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	389245	47.572	ug/l	98
36) 1,1-Dichloropropene	8.11	75	309732	47.362	ug/l	98
37) Ethyl Acetate	7.29	43	113016	47.804	ug/l	95
38) Carbon Tetrachloride	8.09	117	350493	49.022	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	381025	50.745	ug/l	97
40) Benzene	8.34	78	882254	48.406	ug/l	96
41) Methacrylonitrile	7.52	41	72794m	50.069	ug/l	
42) 1,2-Dichloroethane	8.42	62	253756	47.096	ug/l	99
43) Isopropyl Acetate	8.45	43	217097	47.630	ug/l	99
44) Trichloroethene	9.11	130	255738	49.227	ug/l	93
45) 1,2-Dichloropropane	9.38	63	218703	47.692	ug/l	100
46) Dibromomethane	9.47	93	122264	49.072	ug/l	94
47) Bromodichloromethane	9.66	83	318183	47.539	ug/l #	99
48) Methyl methacrylate	9.45	41	114926	51.140	ug/l	95
49) 1,4-Dioxane	9.45	88	29928	1066.066	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	569391	246.537	ug/l	98
52) Toluene	10.40	92	589077	50.177	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	294483	51.694	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	349935	50.378	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	170270	49.712	ug/l	97
56) Ethyl methacrylate	10.66	69	194222	52.932	ug/l	96
57) 1,3-Dichloropropane	10.94	76	280239	49.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	412441	237.392	ug/l	97
59) 2-Hexanone	10.98	43	399544	256.528	ug/l	96
60) Dibromochloromethane	11.14	129	228736	51.168	ug/l	99
61) 1,2-Dibromoethane	11.24	107	163804	51.417	ug/l	99
64) Tetrachloroethene	10.87	164	220516	51.256	ug/l	97
65) Chlorobenzene	11.67	112	622408	49.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	241758	51.307	ug/l	99
67) Ethyl Benzene	11.74	91	1116490	51.061	ug/l	100
68) m/p-Xylenes	11.85	106	865706	104.570	ug/l	99
69) o-Xylene	12.18	106	390851	52.212	ug/l	99
70) Styrene	12.19	104	683364	52.566	ug/l	99
71) Bromoform	12.36	173	125036	52.410	ug/l #	96
73) Isopropylbenzene	12.48	105	1092379	52.462	ug/l	99
74) N-amyl acetate	12.28	43	201971	49.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	176776	49.200	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	130779m	54.750	ug/l	
77) Bromobenzene	12.76	156	253112	51.975	ug/l	95
78) n-propylbenzene	12.82	91	1282332	51.191	ug/l	99
79) 2-Chlorotoluene	12.91	91	709058	49.672	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	918481	51.986	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52035	54.502	ug/l	96
82) 4-Chlorotoluene	13.00	91	752443	50.004	ug/l	99
83) tert-Butylbenzene	13.23	119	771391	53.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	910421	51.966	ug/l	99
85) sec-Butylbenzene	13.40	105	1086327	52.034	ug/l	99
86) p-Isopropyltoluene	13.52	119	1001668	53.228	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	477934	49.676	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	468145	48.991	ug/l	98
89) n-Butylbenzene	13.84	91	935596	52.307	ug/l	100
90) Hexachloroethane	14.11	117	187472	49.070	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	416314	50.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29183	50.491	ug/l	95

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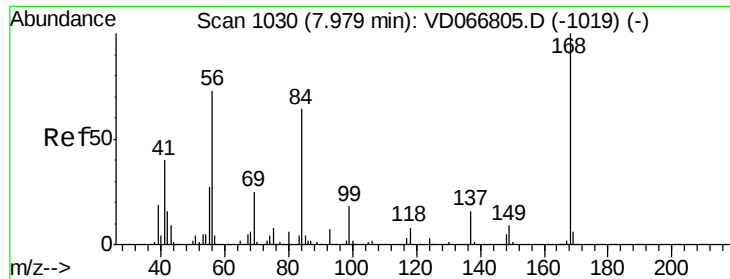
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	283774	54.765	ug/l	97
94) Hexachlorobutadiene	15.27	225	167668	53.998	ug/l	98
95) Naphthalene	15.41	128	497491	56.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	243408	54.425	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 424249

Ion Ratio Lower Upper

168 100

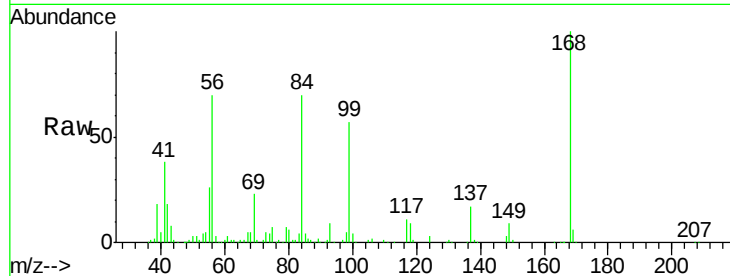
99 56.8 46.6 69.8

Manual Integrations

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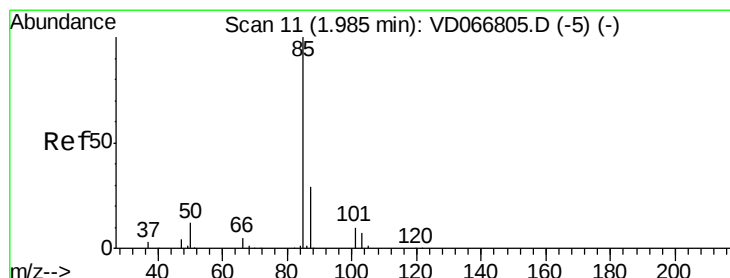
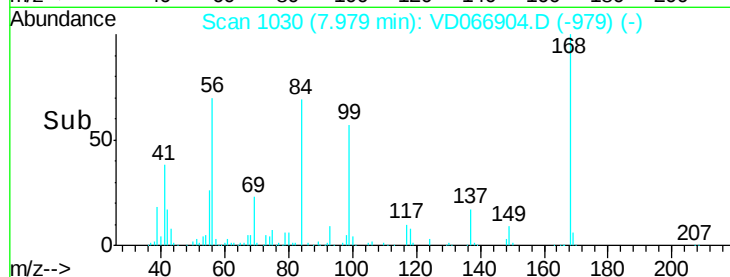
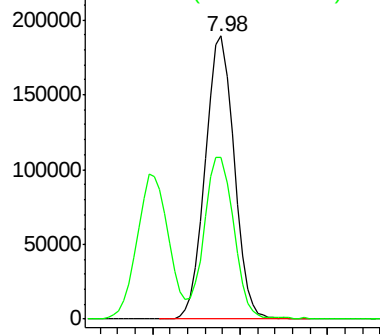
MMDadoda

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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: 48.121 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066904.D

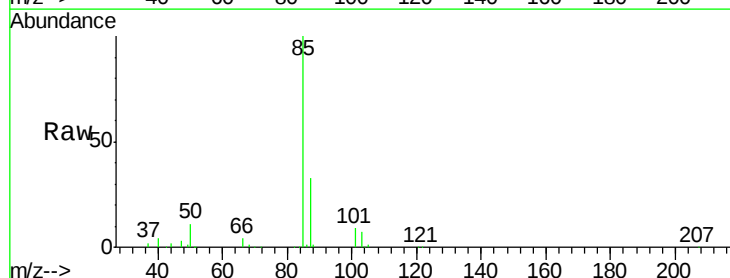
Acq: 28 Sep 2020 10:31

Tgt Ion: 85 Resp: 143000

Ion Ratio Lower Upper

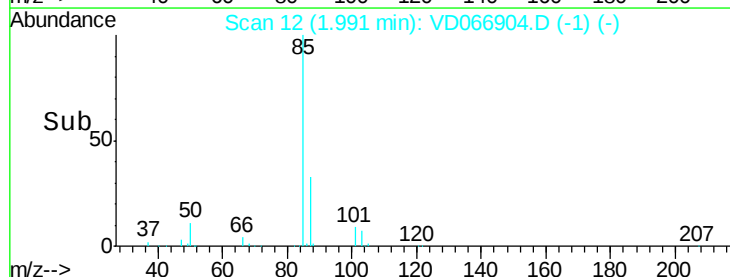
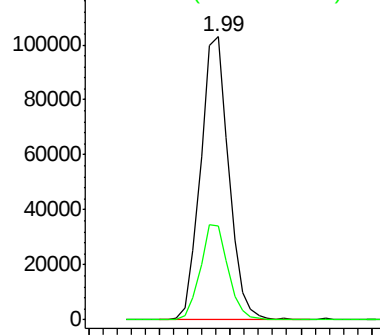
85 100

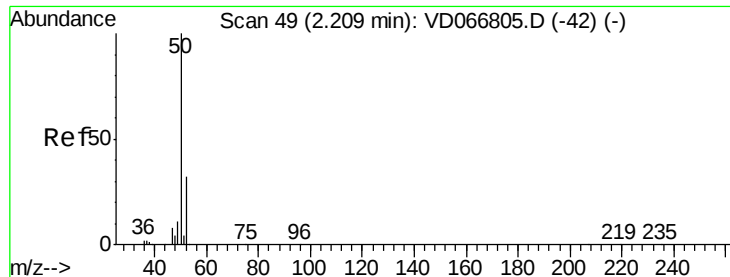
87 33.1 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.357 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153411

Ion Ratio Lower Upper

50 100

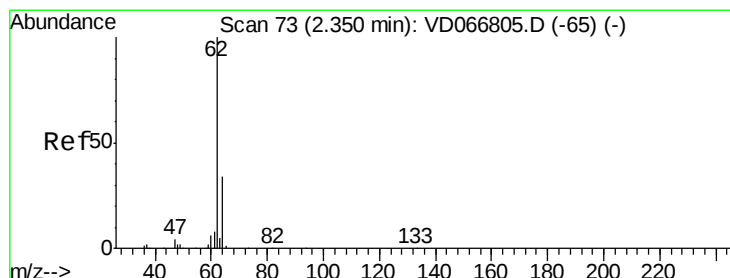
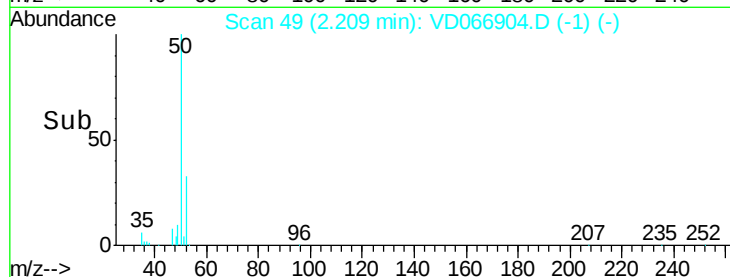
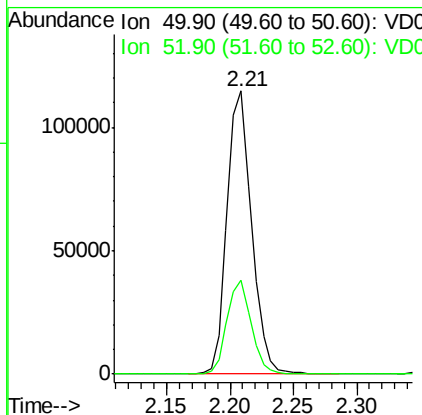
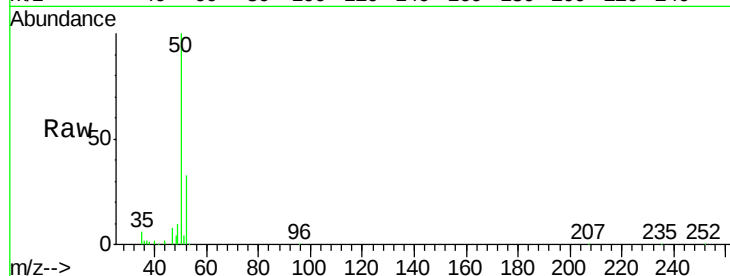
52 33.0 25.5 38.3

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#4

Vinyl Chloride

Concen: 39.697 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066904.D

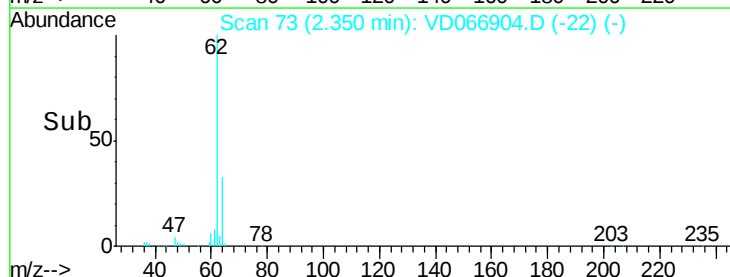
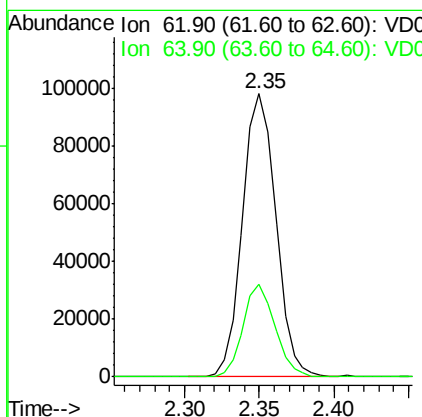
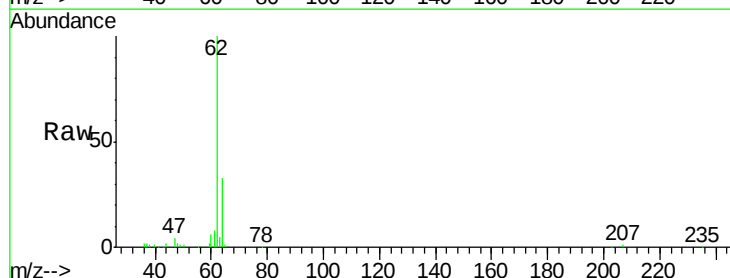
Acq: 28 Sep 2020 10:31

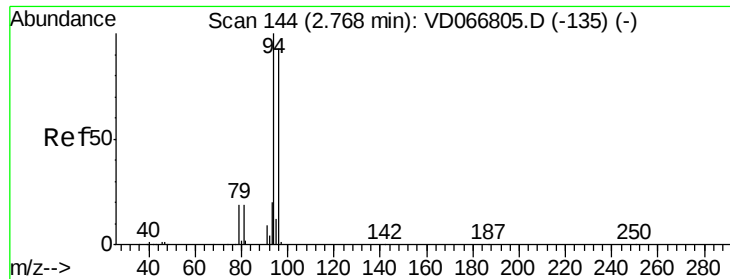
Tgt Ion: 62 Resp: 152869

Ion Ratio Lower Upper

62 100

64 32.6 27.0 40.4





#5

Bromomethane

Concen: 42.080 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 113898

Ion Ratio Lower Upper

94 100

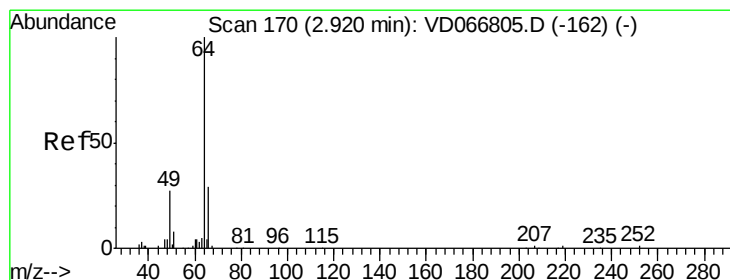
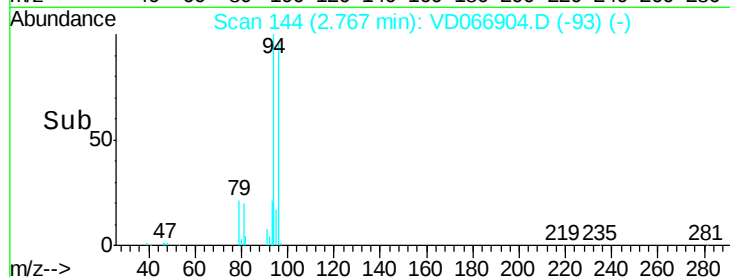
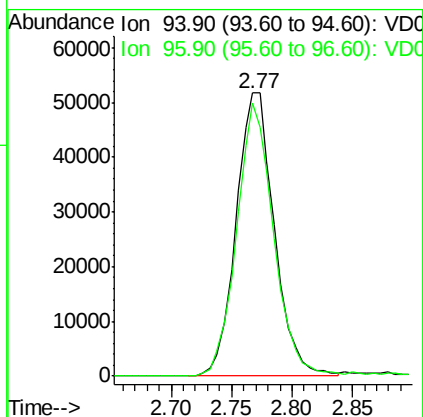
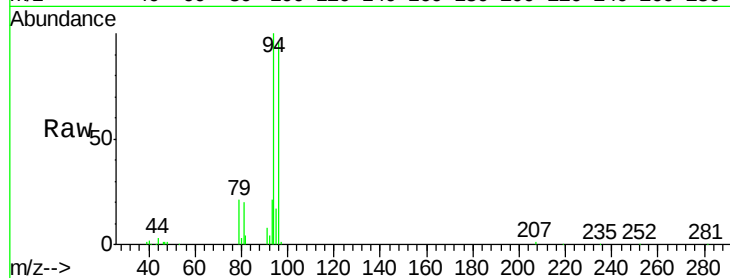
96 96.5 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 40.370 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066904.D

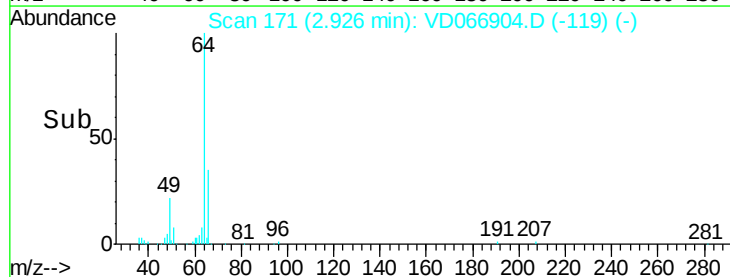
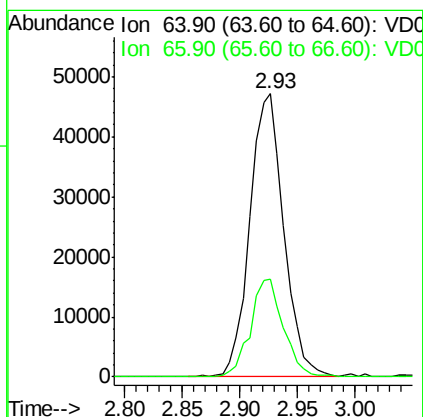
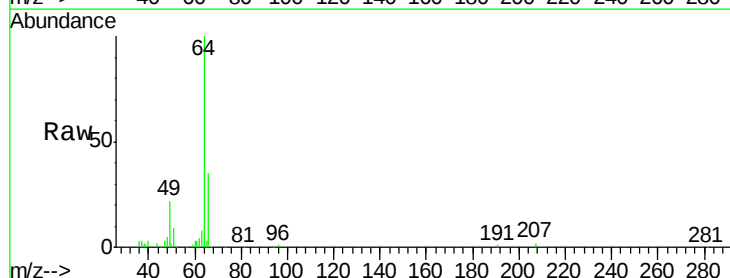
Acq: 28 Sep 2020 10:31

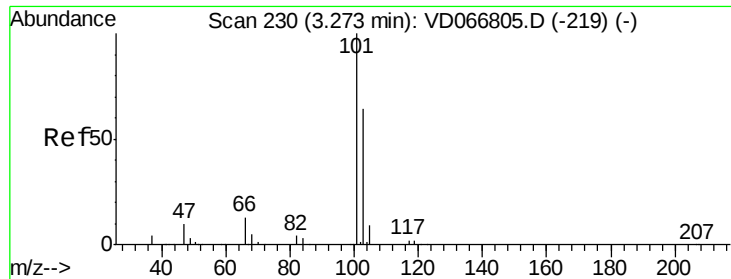
Tgt Ion: 64 Resp: 96542

Ion Ratio Lower Upper

64 100

66 34.5 23.3 34.9





#7

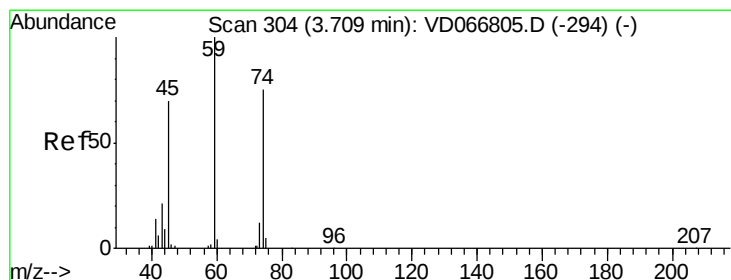
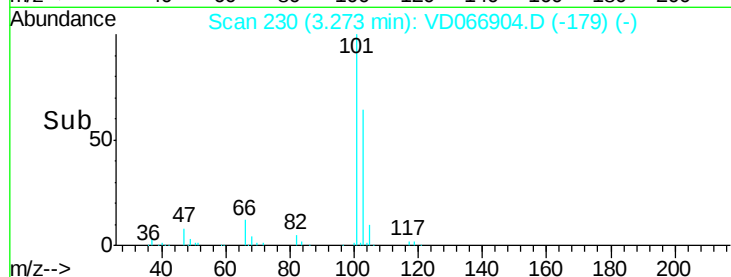
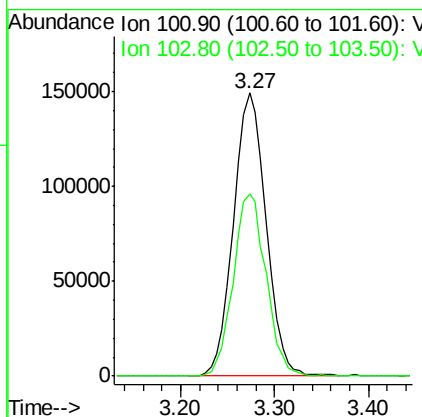
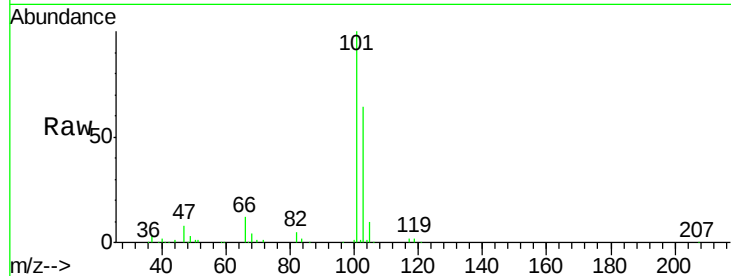
Trichlorofluoromethane
Concen: 45.376 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		358872		
103	64.2	51.0	76.6		

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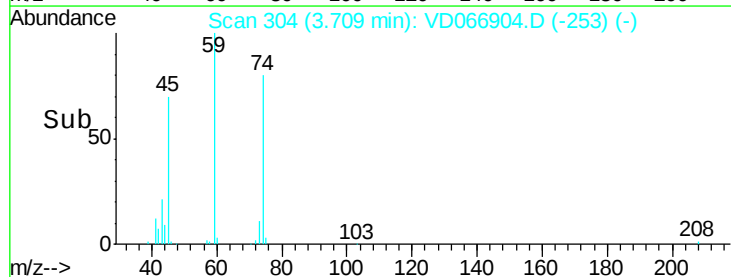
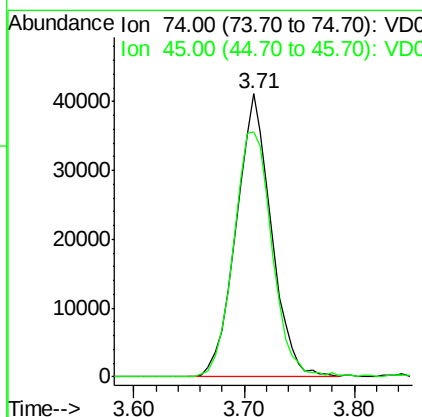
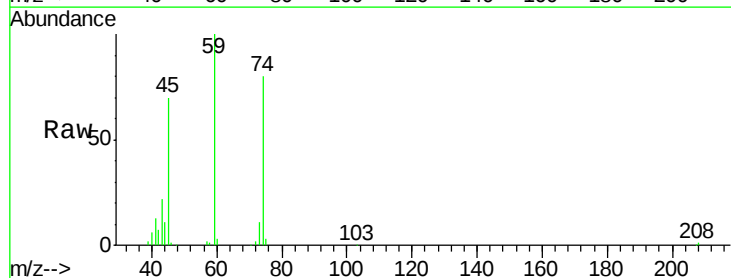
MMDadoda
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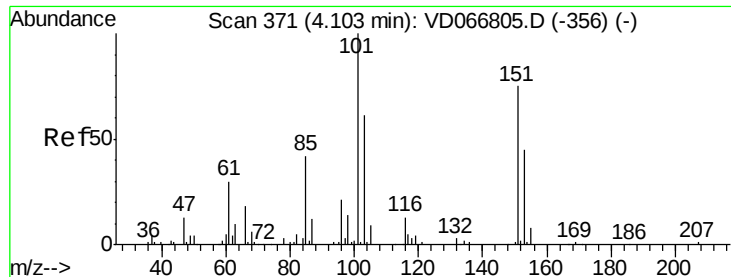


#8

Diethyl Ether
Concen: 45.717 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		91792		
45	94.1	46.0	138.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.149 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

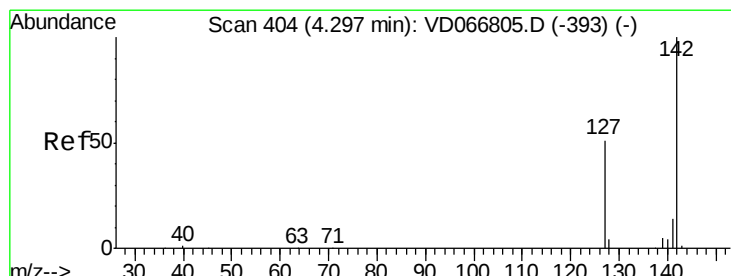
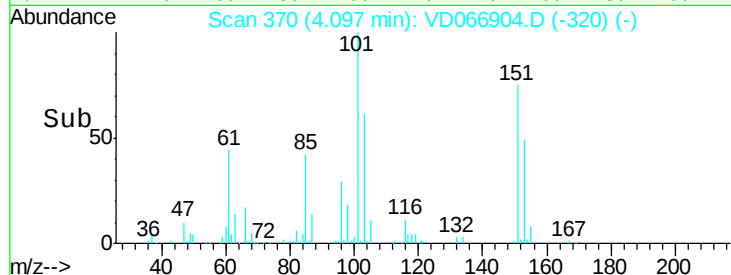
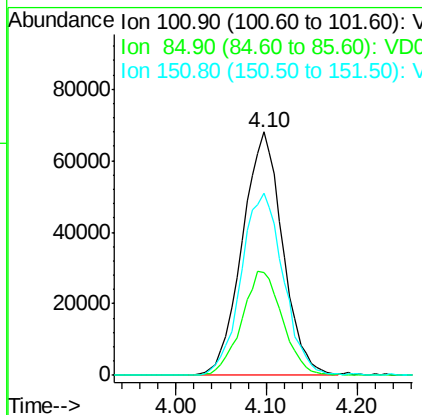
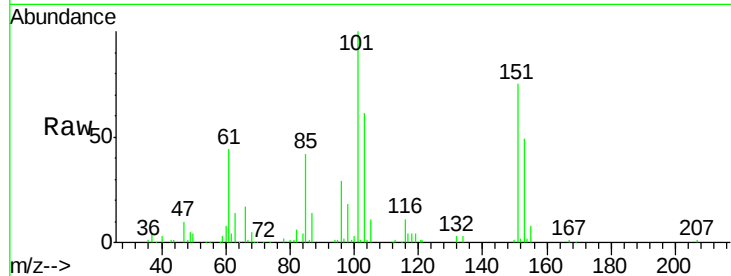
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	211640
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.4	53.2
151	78.1	61.4	92.0

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#10

Methyl Iodide

Concen: 47.665 ug/l

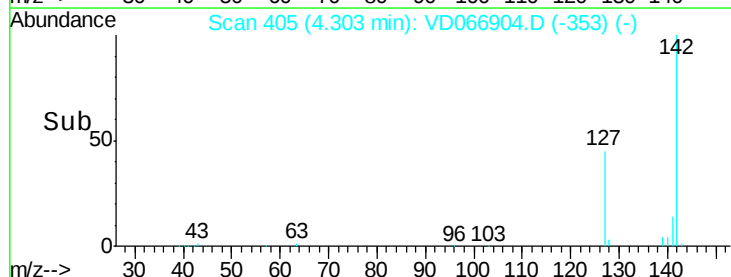
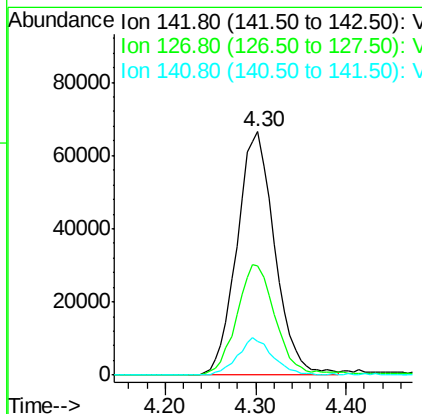
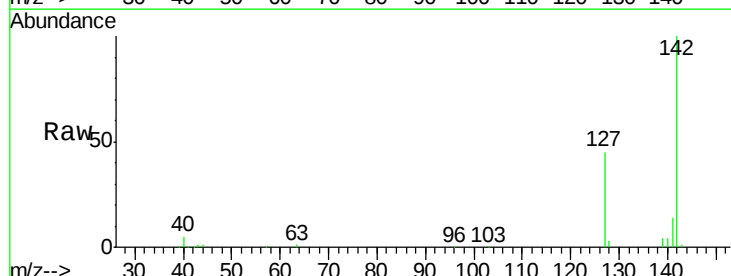
RT: 4.30 min Scan# 405

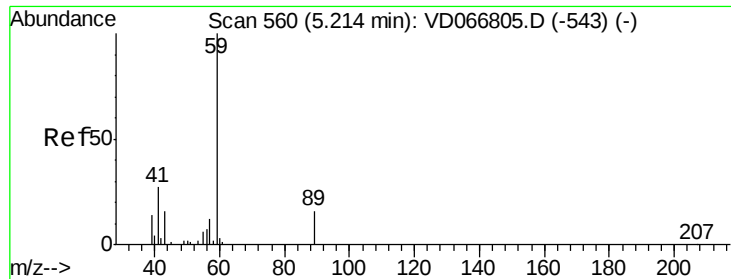
Delta R.T. 0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	142	Resp:	192893
Ion Ratio	Lower	Upper	
142	100		
127	45.6	39.4	59.0
141	14.2	12.1	18.1





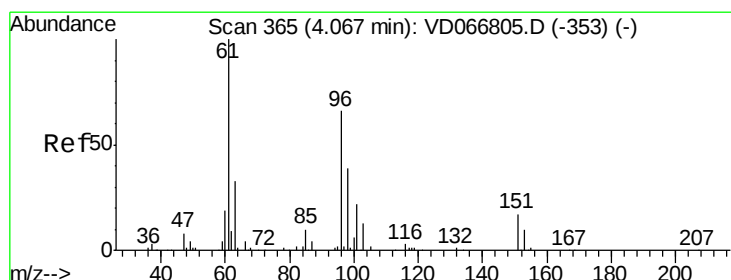
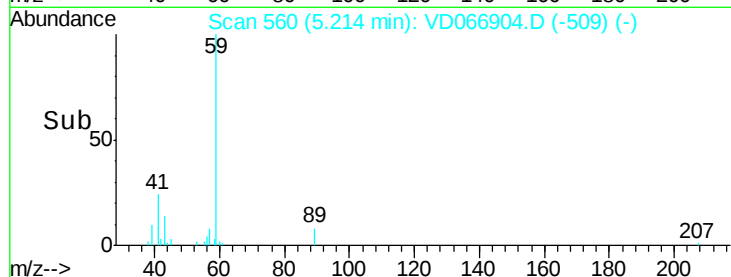
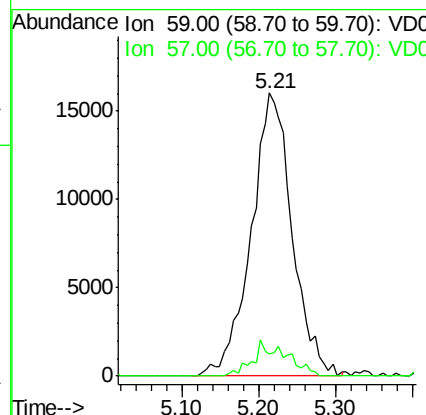
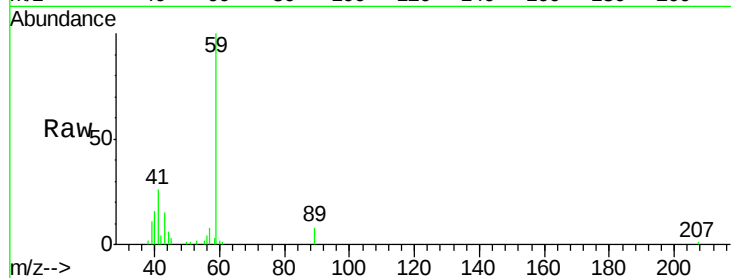
#11
Tert butyl alcohol
Concen: 234.189 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	59505		
57	5.0		8.3	12.5#

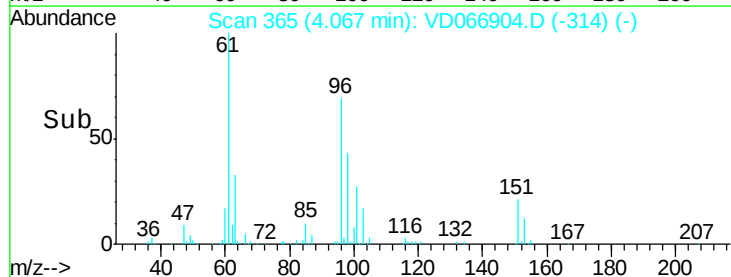
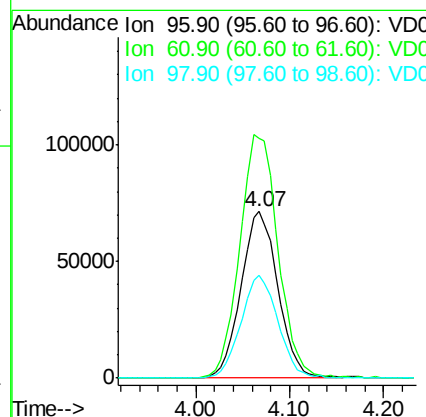
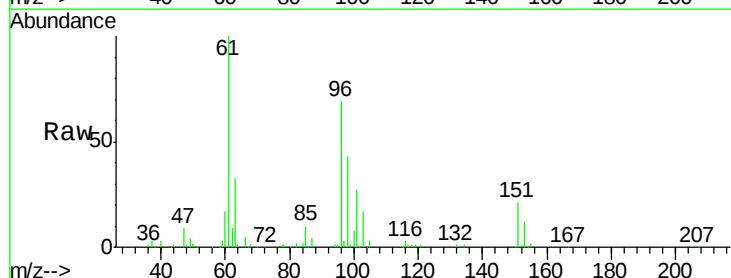
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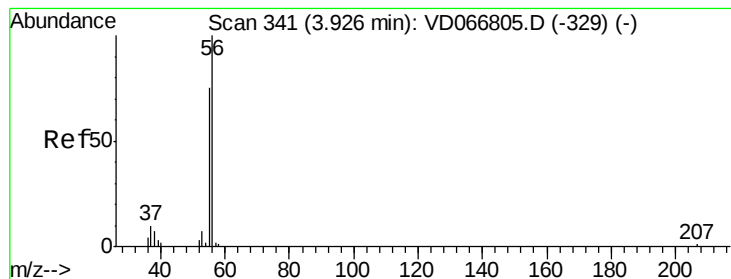
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.802 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	194432		
61	144.1		120.8	181.2
98	62.1		47.7	71.5





#13

Acrolein

Concen: 262.811 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 80504

Ion Ratio Lower Upper

56 100

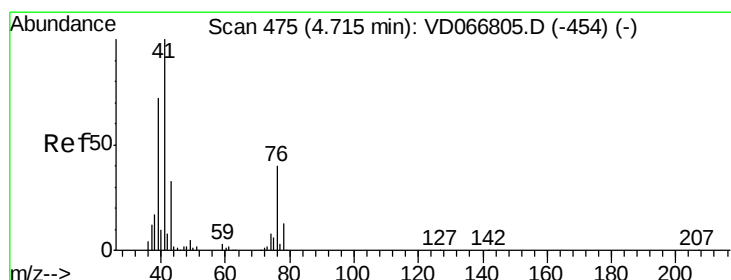
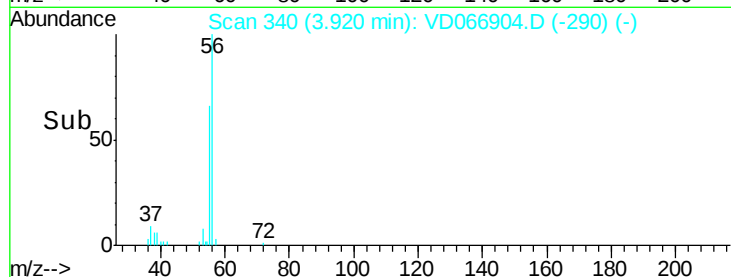
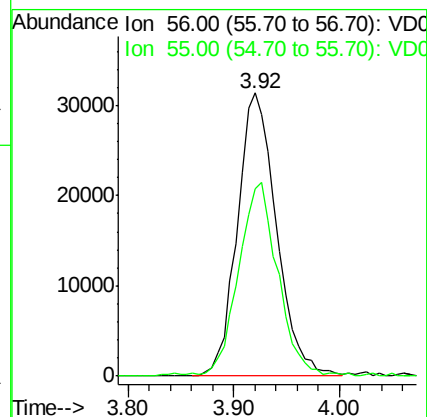
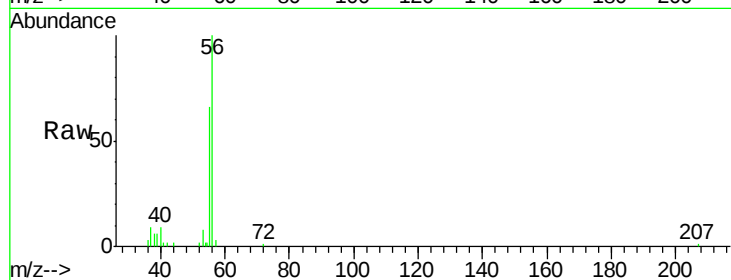
55 68.9 60.3 90.5

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#14

Allyl chloride

Concen: 45.459 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

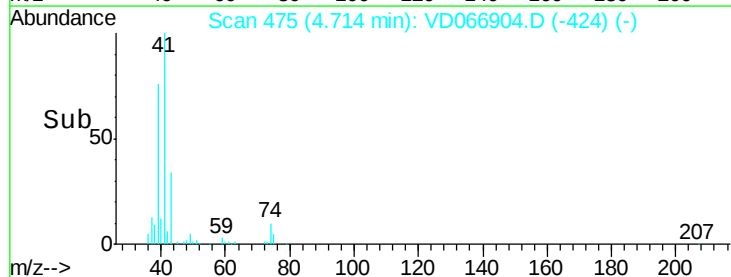
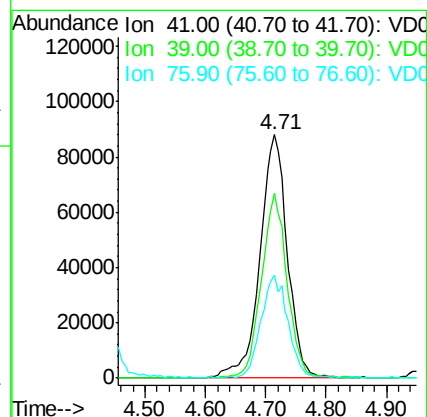
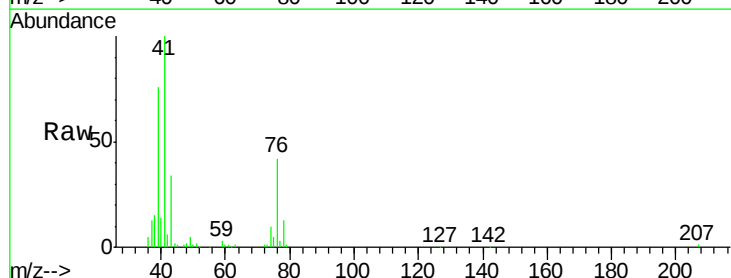
Tgt Ion: 41 Resp: 277314

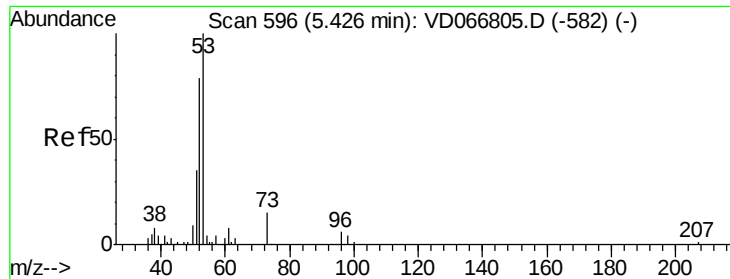
Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

76 41.5 30.9 46.3





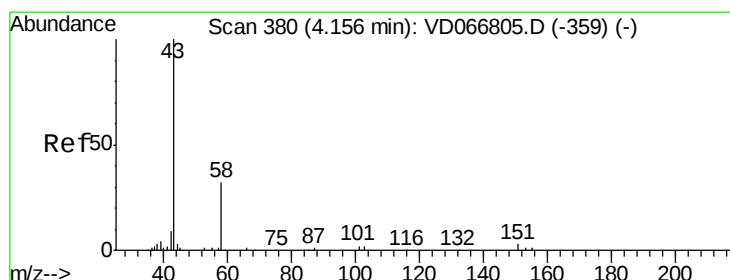
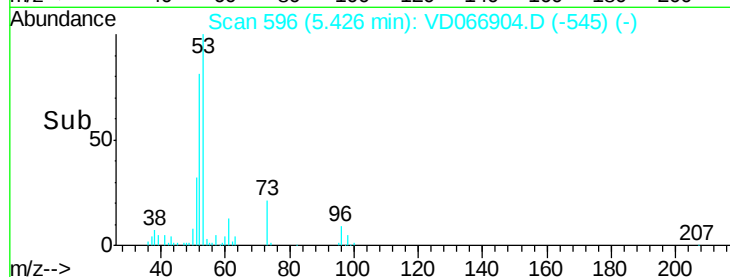
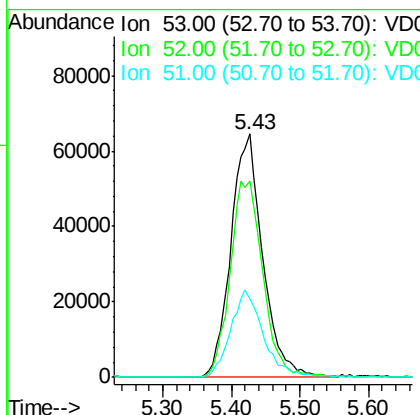
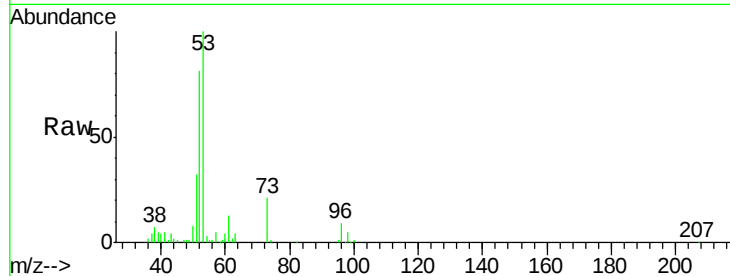
#15
 Acrylonitrile
 Concen: 233.526 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.9	30.6	46.0

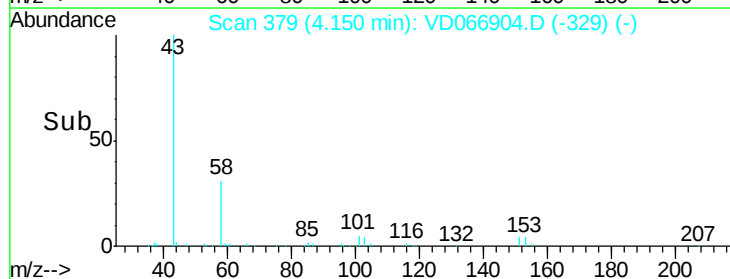
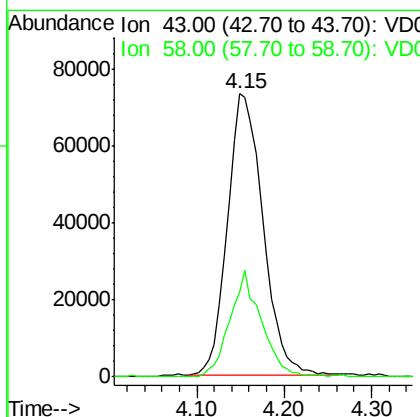
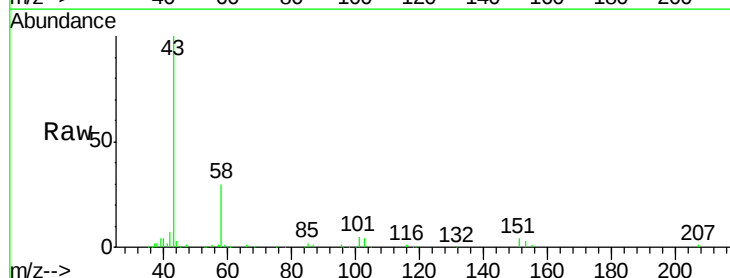
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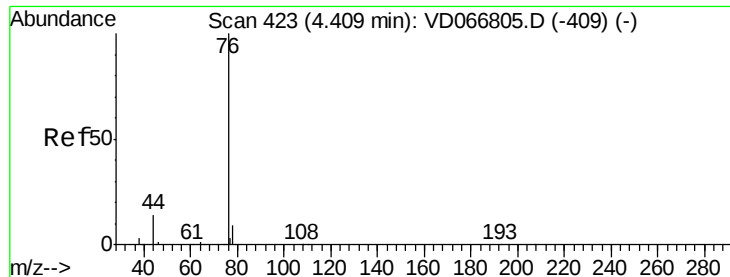
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#16
 Acetone
 Concen: 227.608 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.6	38.4





#17

Carbon Disulfide

Concen: 43.821 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 556567

Ion Ratio Lower Upper

76 100

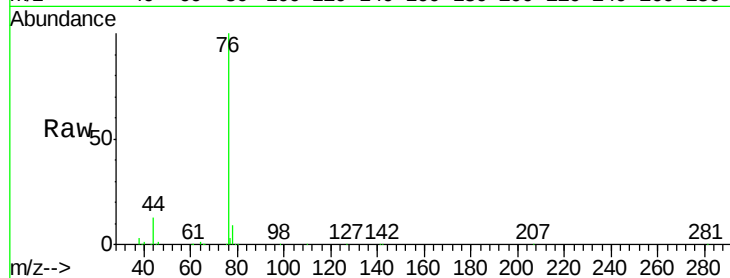
78 9.3 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

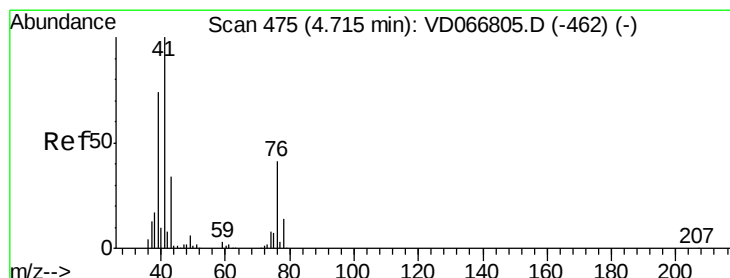
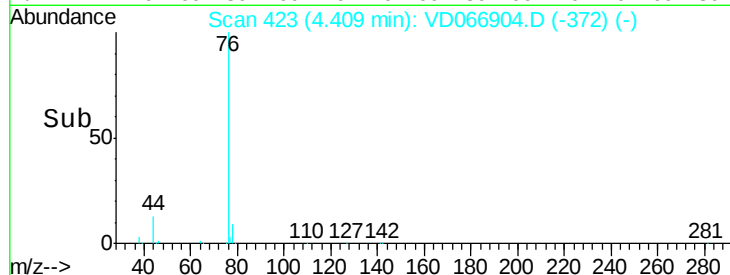
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.808 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066904.D

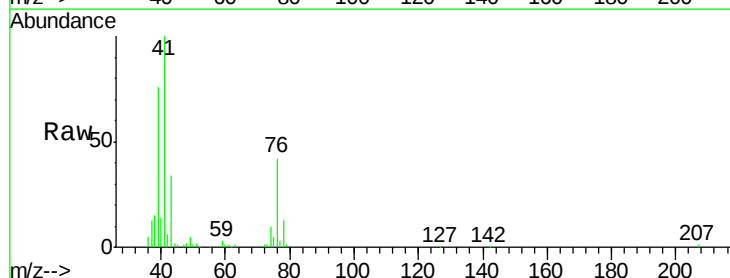
Acq: 28 Sep 2020 10:31

Tgt Ion: 43 Resp: 90629

Ion Ratio Lower Upper

43 100

74 28.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

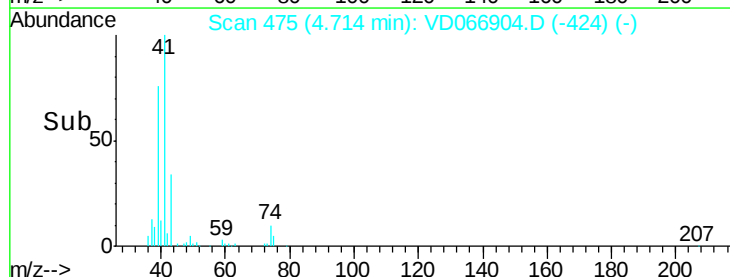
30000

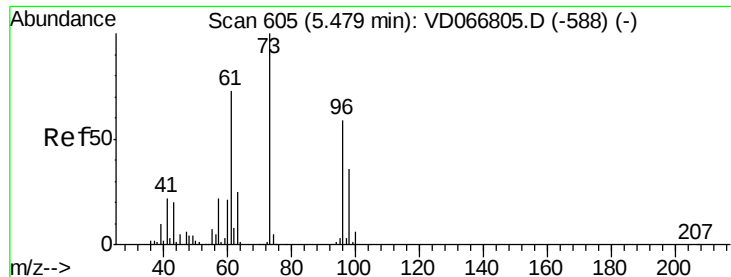
20000

10000

0

Time-->





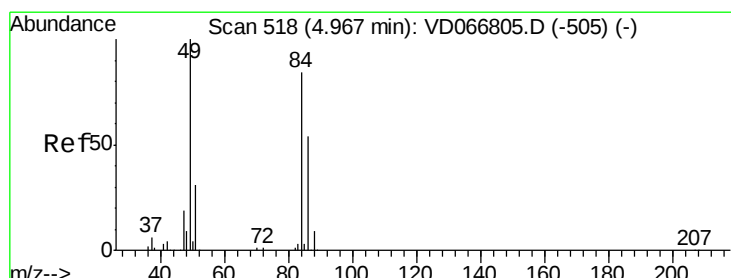
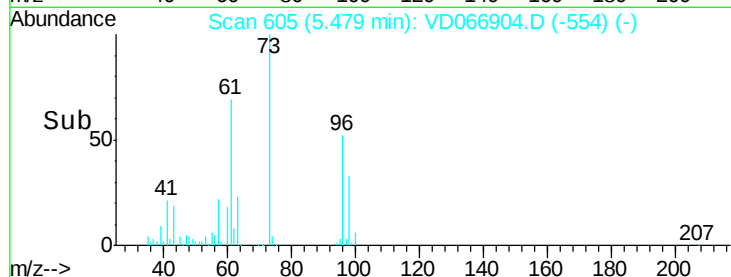
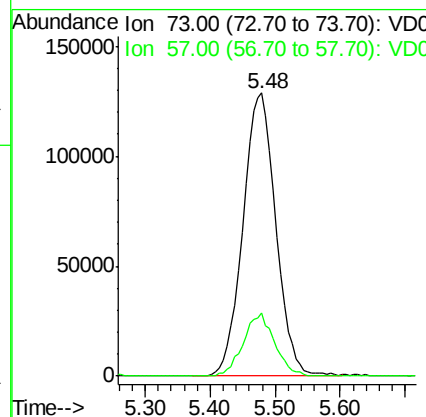
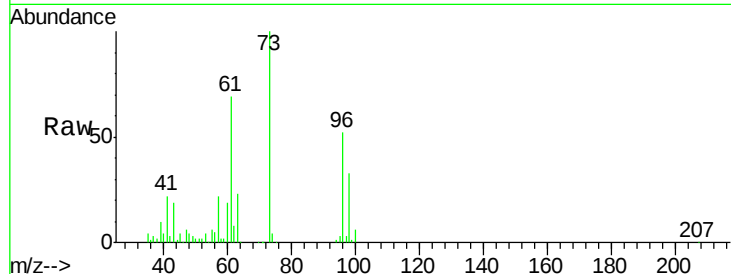
#19
Methvl tert-butvl Ether
Concen: 49.944 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 450587
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

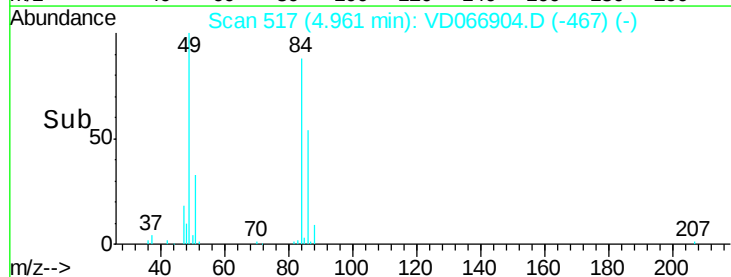
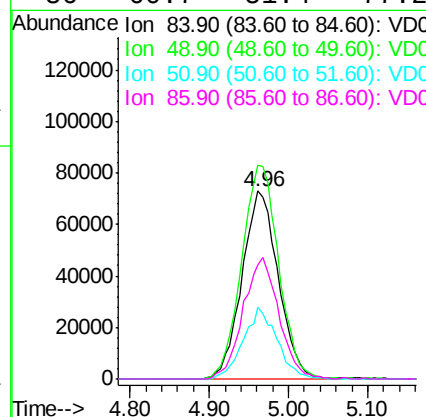
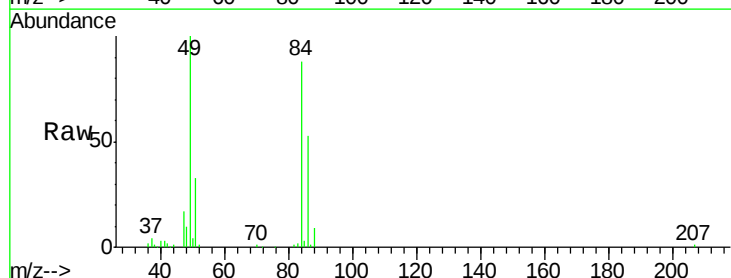
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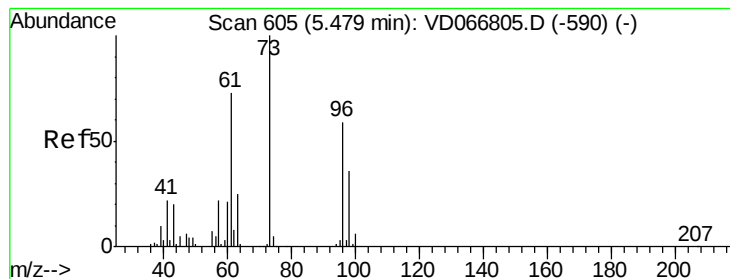
MMDadoda
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#20
Methylene Chloride
Concen: 48.623 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 84 Resp: 231916
Ion Ratio Lower Upper
84 100
49 113.6 95.4 143.2
51 37.9 29.7 44.5
86 60.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.688 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

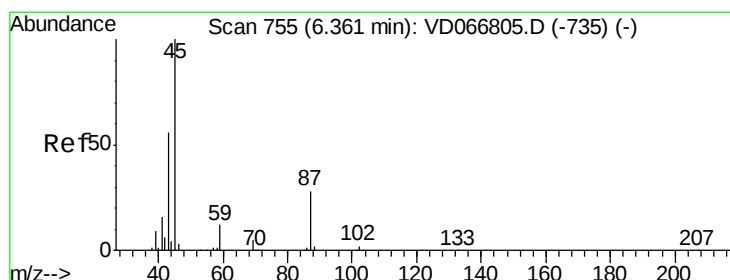
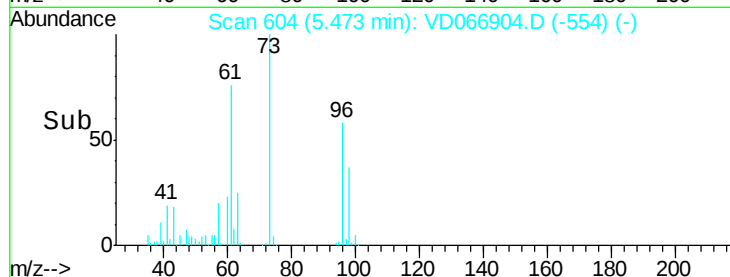
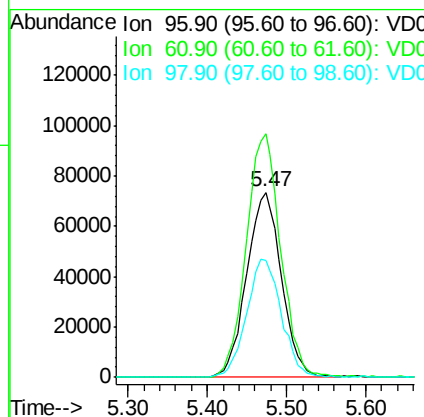
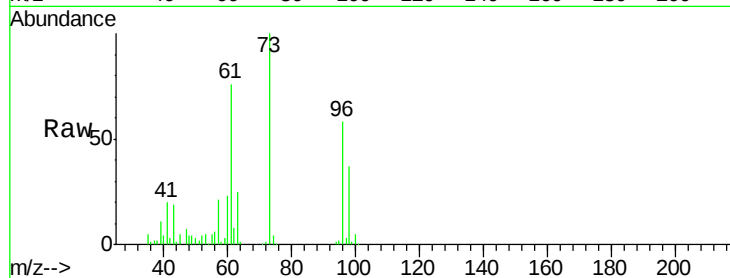
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	224581
Ion	Ratio	Lower	Upper
96	100		
61	131.5	98.9	148.3
98	63.2	48.4	72.6

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#22

Diisopropyl ether

Concen: 46.846 ug/l

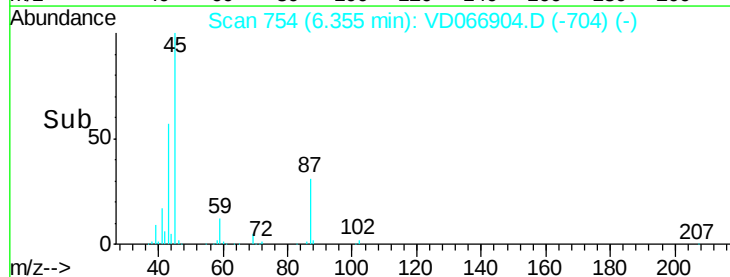
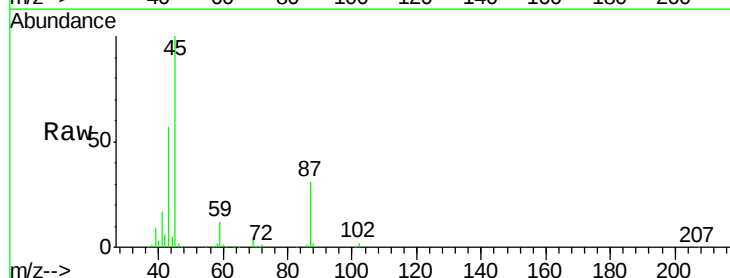
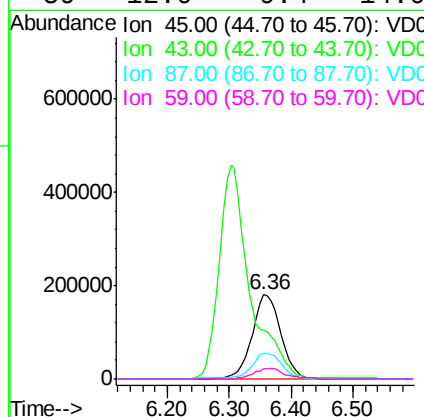
RT: 6.36 min Scan# 754

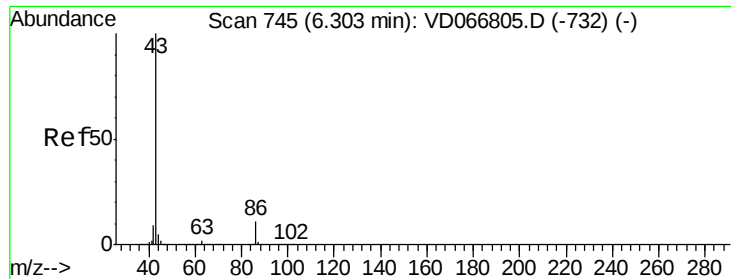
Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	45	Resp:	587576
Ion	Ratio	Lower	Upper
45	100		
43	57.0	44.5	66.7
87	30.5	22.9	34.3
59	12.0	9.4	14.0





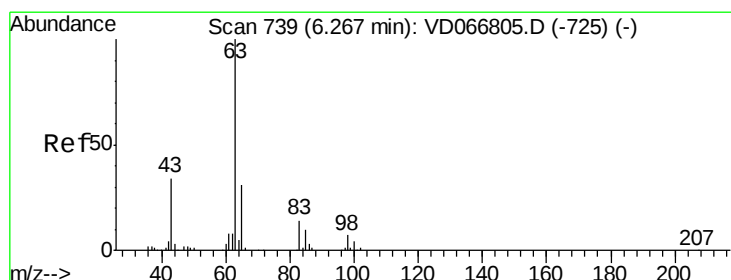
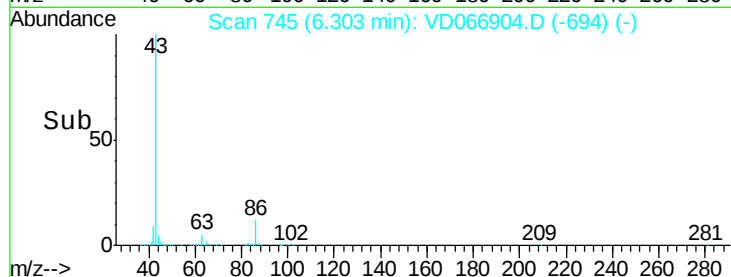
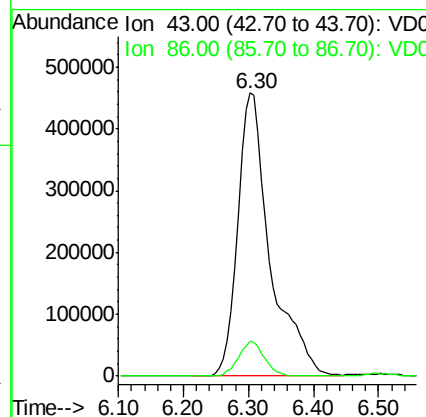
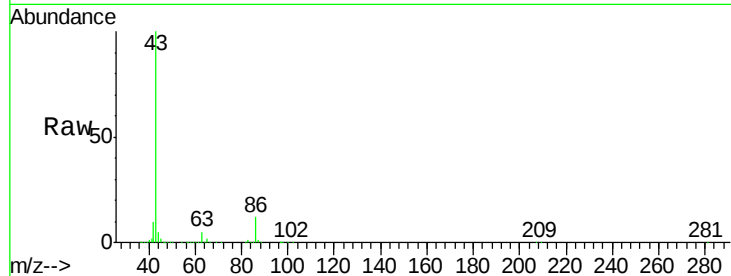
#23
 Vinyl Acetate
 Concen: 232.440 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1581590
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.9 13.3

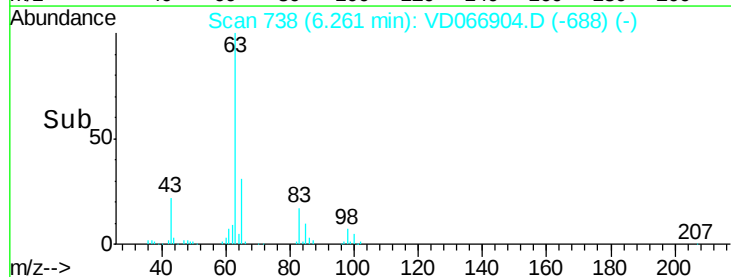
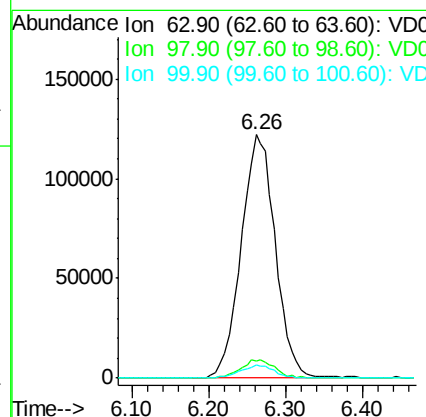
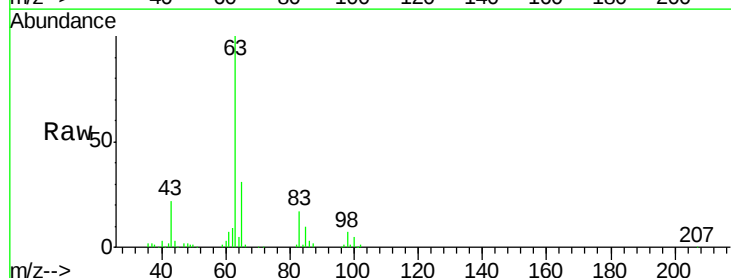
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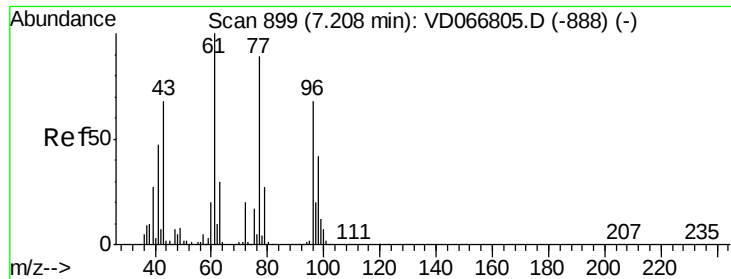
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 45.116 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 63 Resp: 378569
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 228.143 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 241503

Ion Ratio Lower Upper

43 100

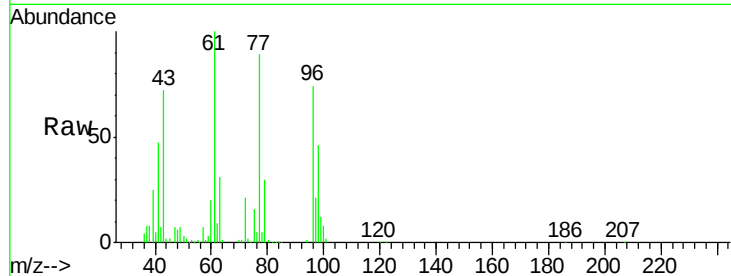
72 29.1 22.9 34.3

Manual Integrations

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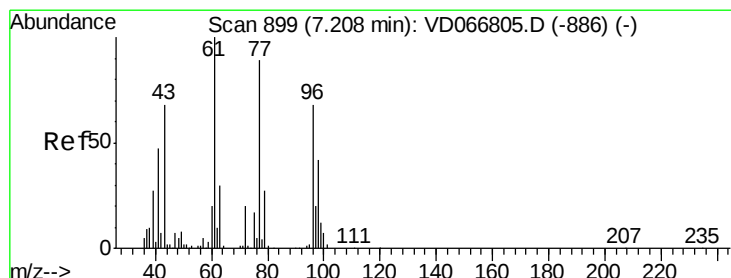
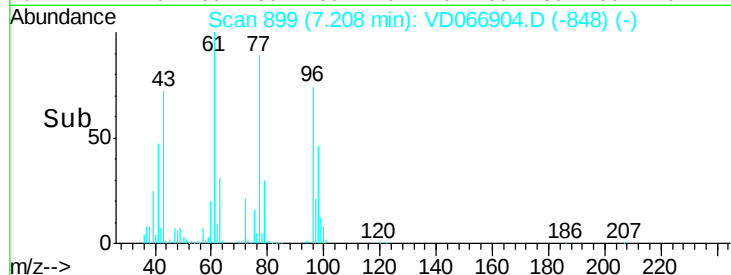
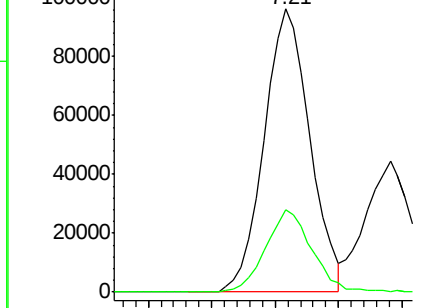
MMDadoda

9/29/2020 11:46:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.056 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066904.D

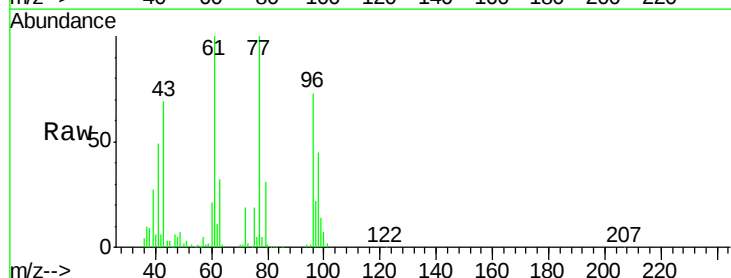
Acq: 28 Sep 2020 10:31

Tgt Ion: 77 Resp: 354202

Ion Ratio Lower Upper

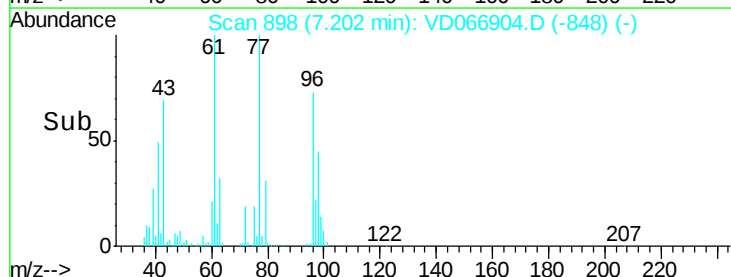
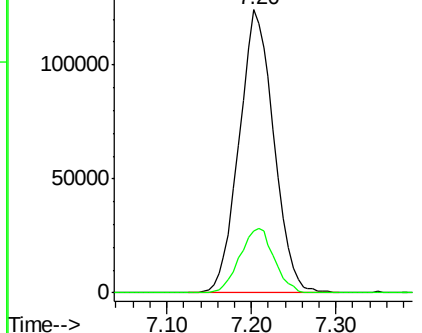
77 100

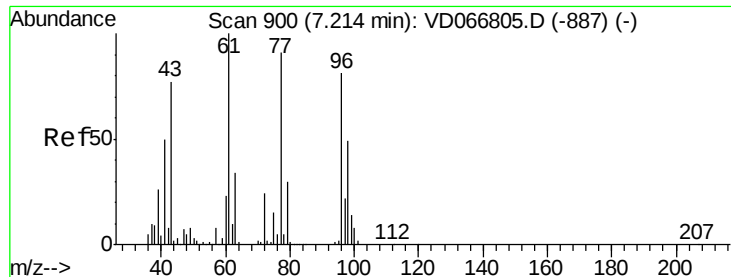
97 22.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

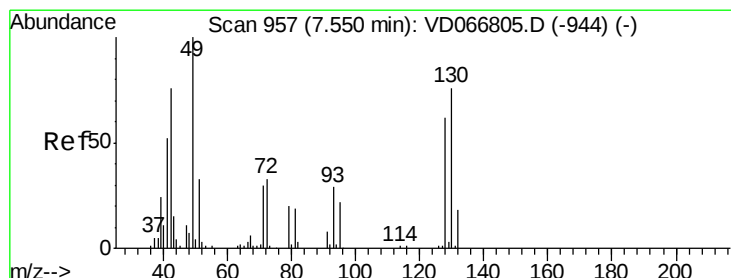
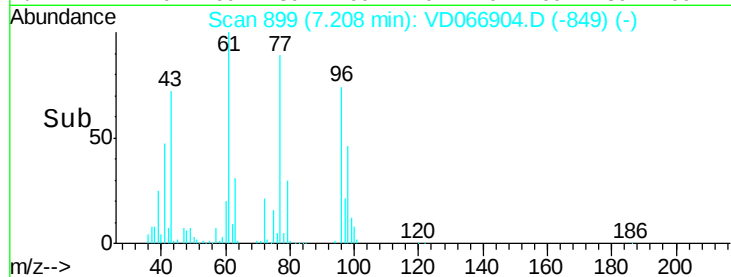
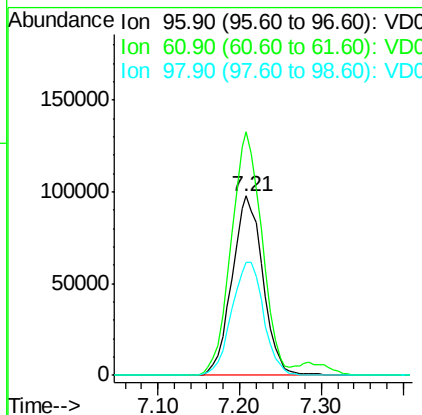
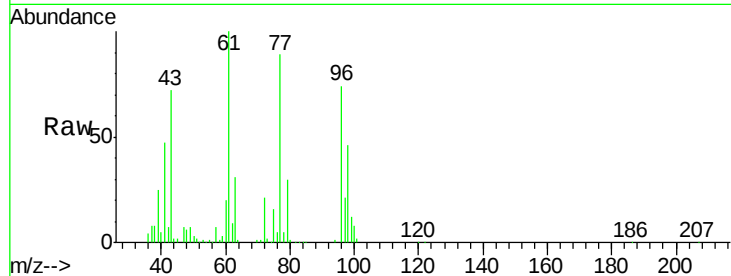
cis-1,2-Dichloroethene
Concen: 49.170 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	256986		
61	135.5	0.0	283.8	
98	65.3	0.0	128.4	

Manual Integrations
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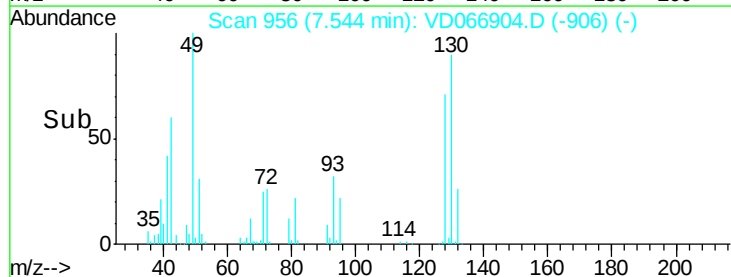
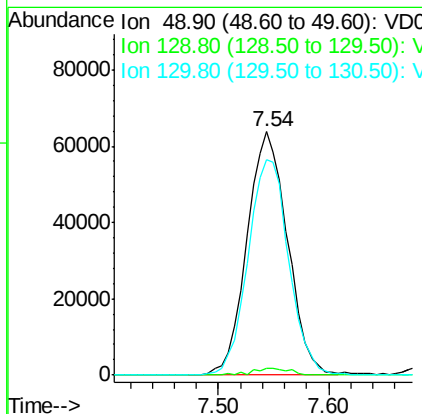
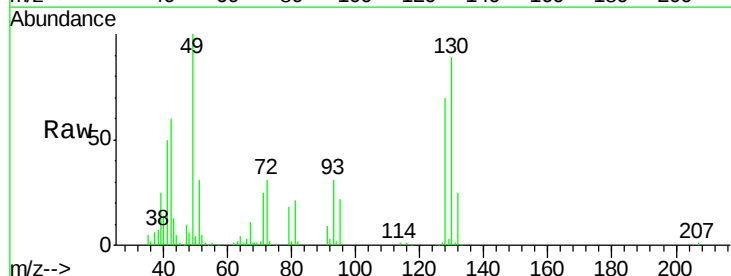
MMDadoda
9/29/2020 11:46:38 AM

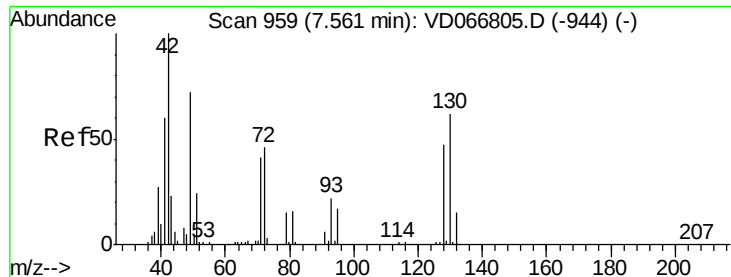


#28

Bromochloromethane
Concen: 47.401 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164317		
129	2.5	0.0	2.0#	
130	88.9	65.9	98.9	





#29

Tetrahydrofuran

Concen: 238.665 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

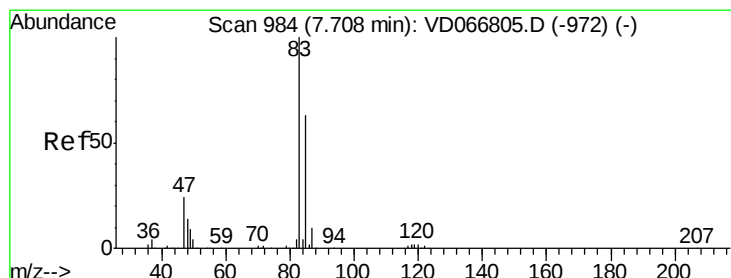
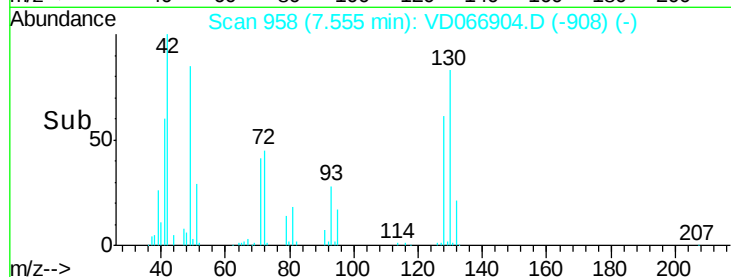
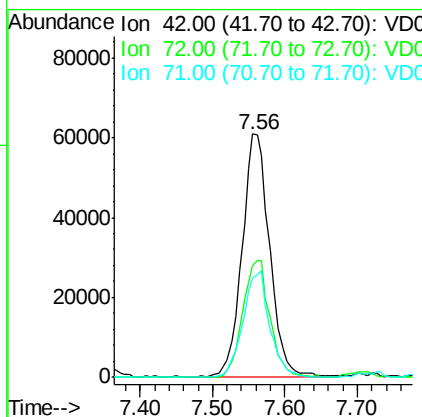
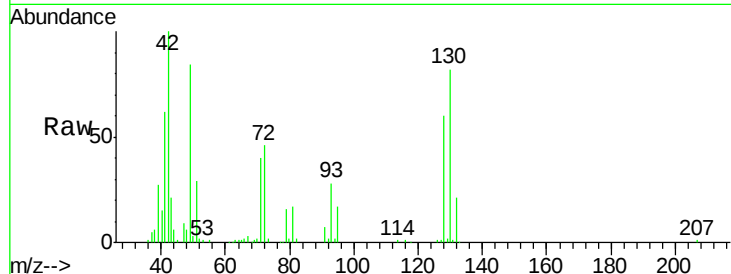
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	161880
Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.2	54.4
71	42.1	32.4	48.6

Manual Integrations
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#30

Chloroform

Concen: 46.435 ug/l

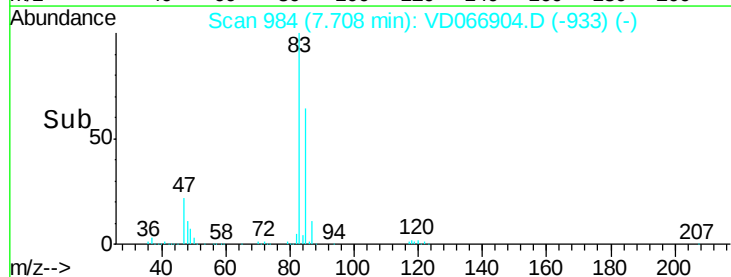
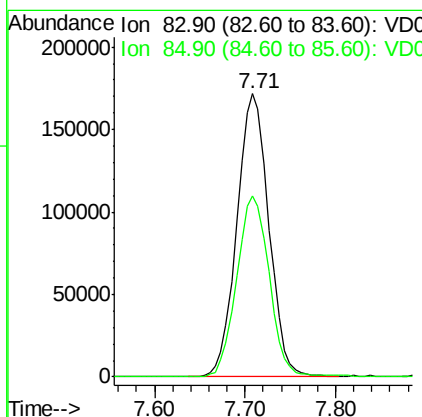
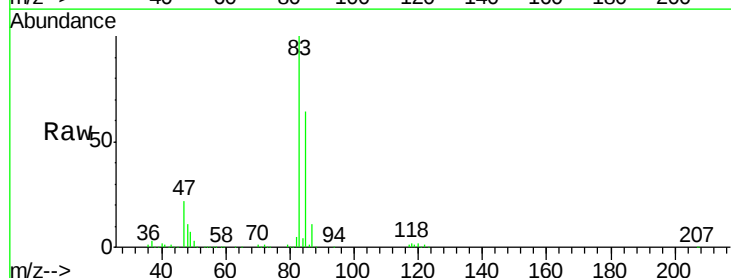
RT: 7.71 min Scan# 984

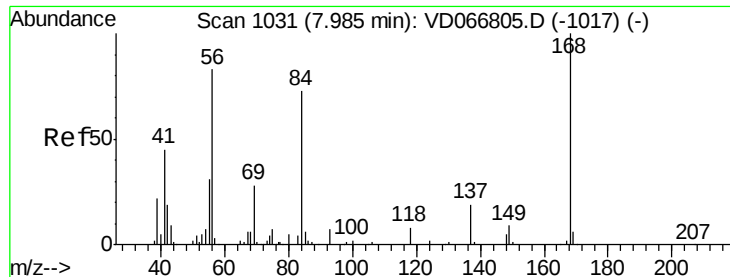
Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	83	Resp:	420004
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8





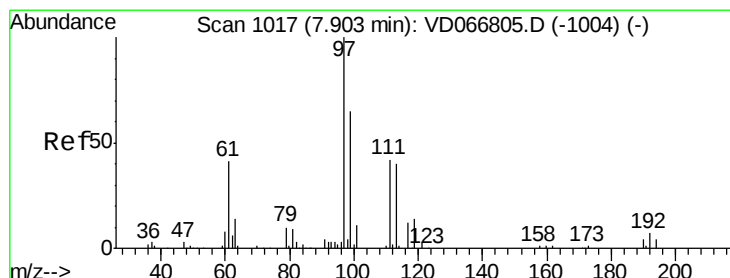
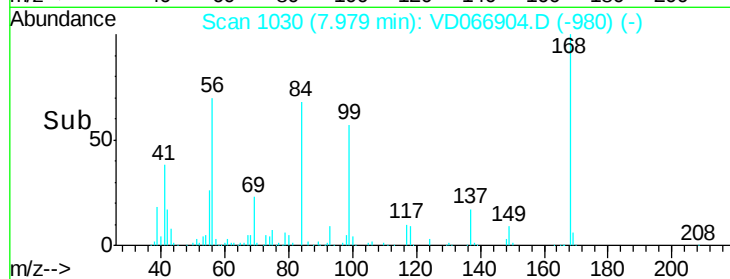
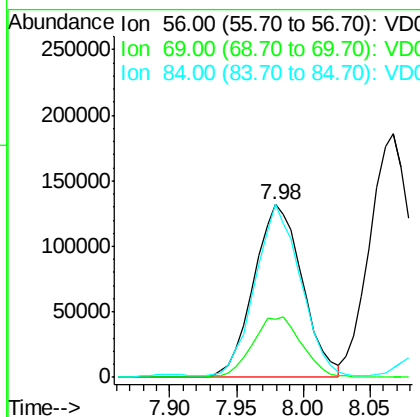
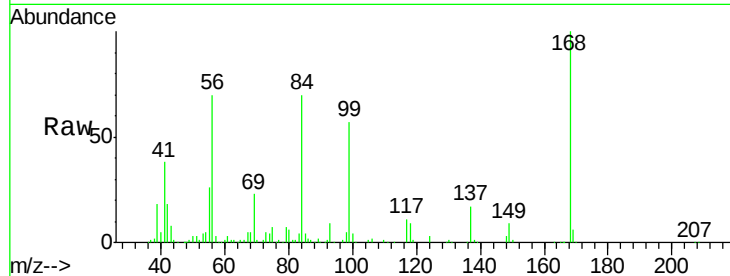
#31
Cyclohexane
Concen: 44.198 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	27.0	40.4
84	98.7	70.2	105.4

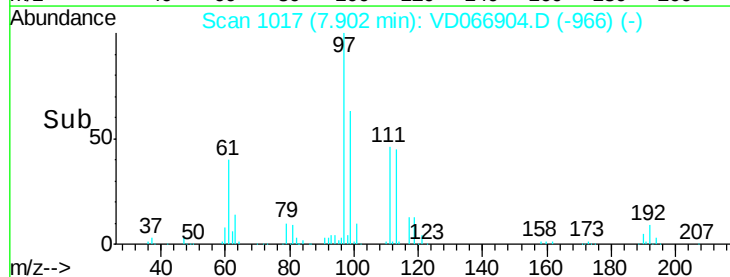
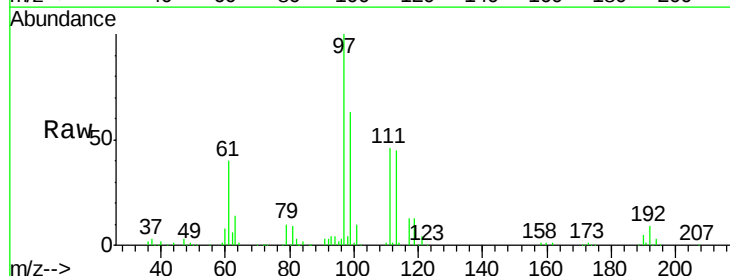
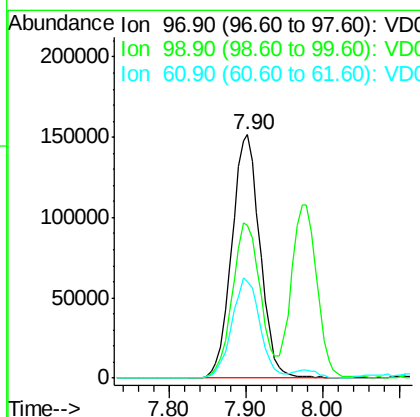
Manual Integrations
APPROVED

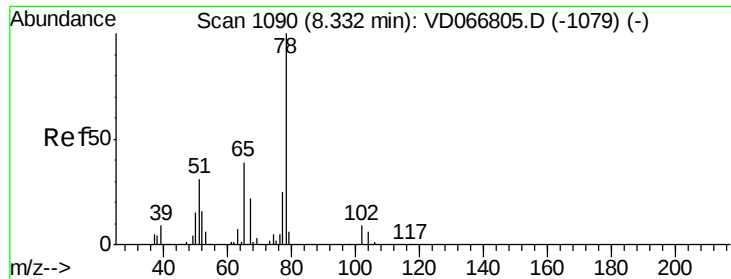
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#32
1,1,1-Trichloroethane
Concen: 47.572 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.5	77.3
61	40.7	34.2	51.4





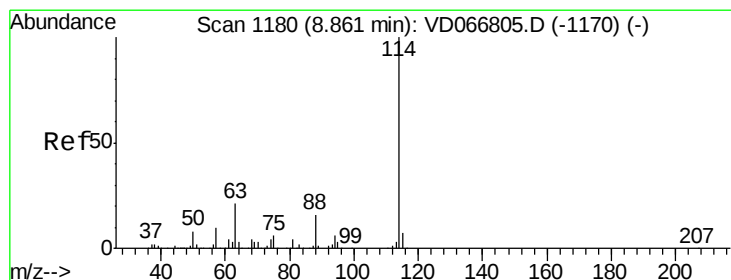
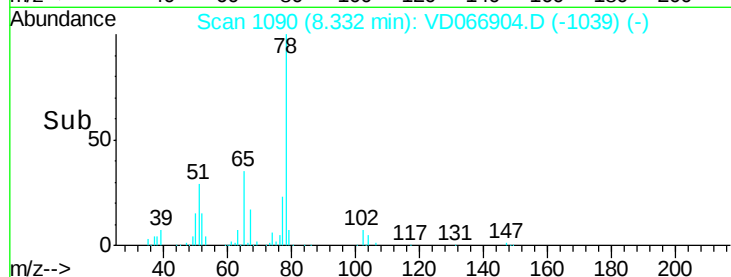
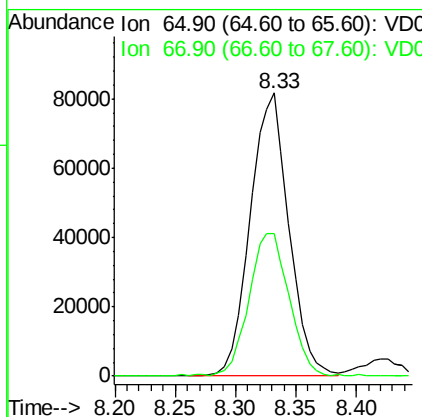
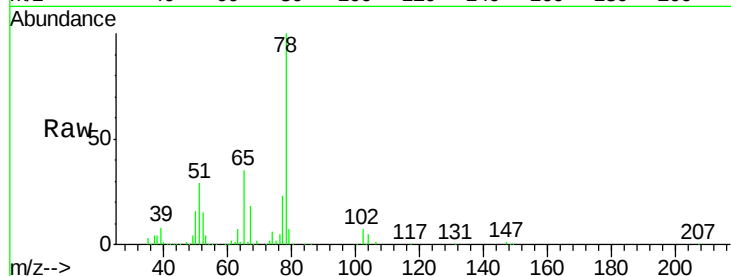
#33
 1,2-Dichloroethane-d4
 Concen: 43.550 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180834		
67	52.7	0.0	107.2	

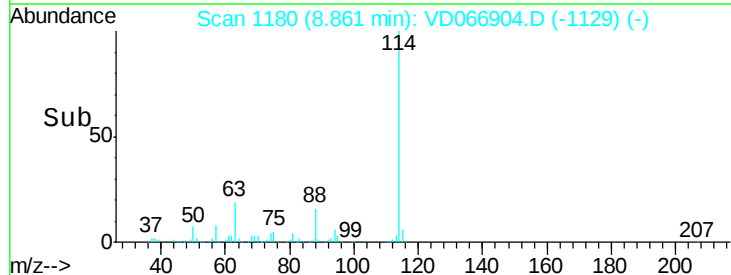
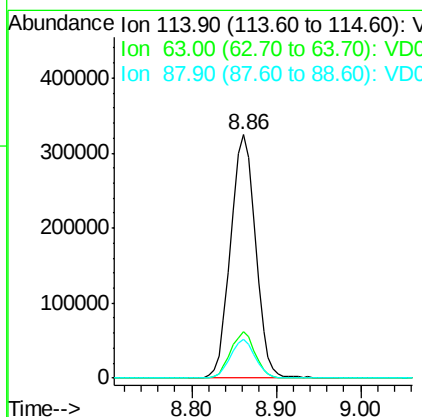
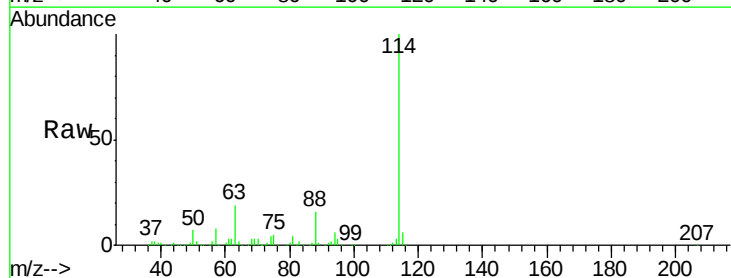
Manual Integrations
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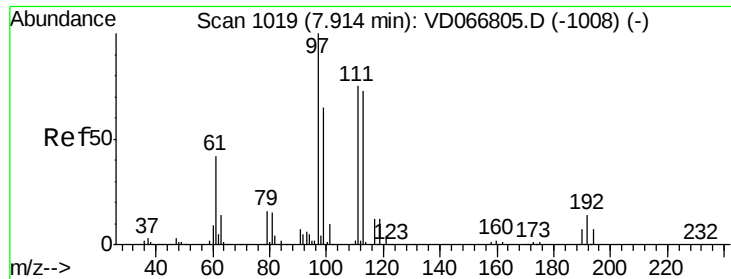
MMDadoda
 9/29/2020 11:46:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	659193		
63	19.1	0.0	42.6	
88	15.9	0.0	32.6	





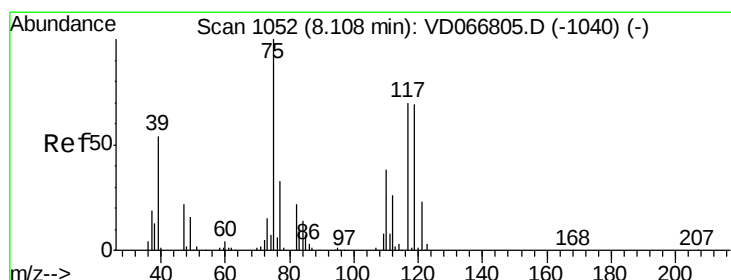
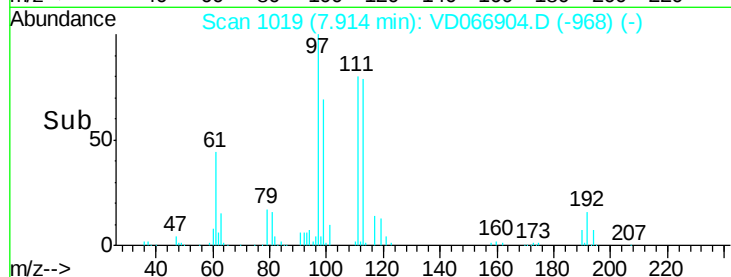
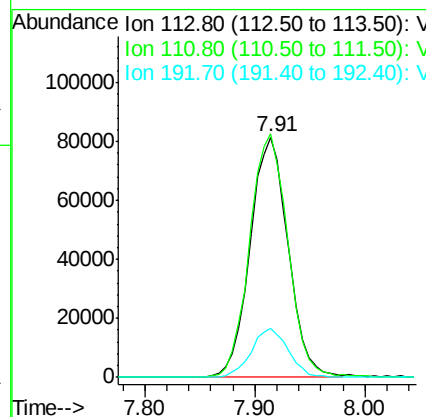
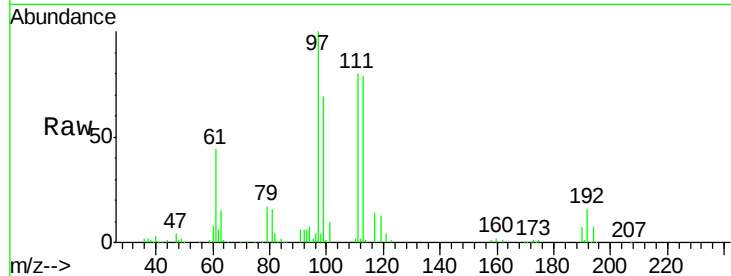
#35
Dibromofluoromethane
Concen: 46.863 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	196535		
111	102.5	81.8	122.8	
192	19.8	14.4	21.6	

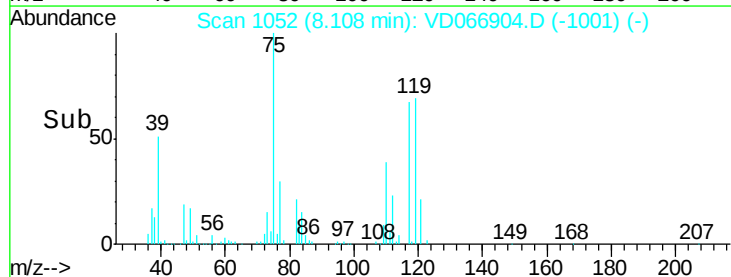
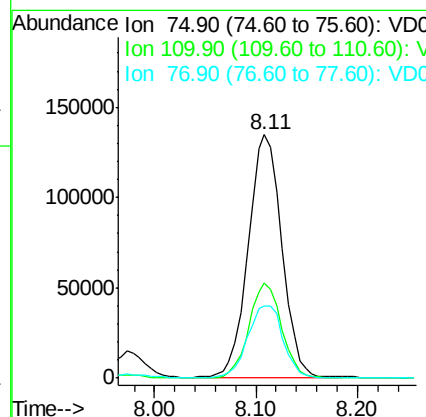
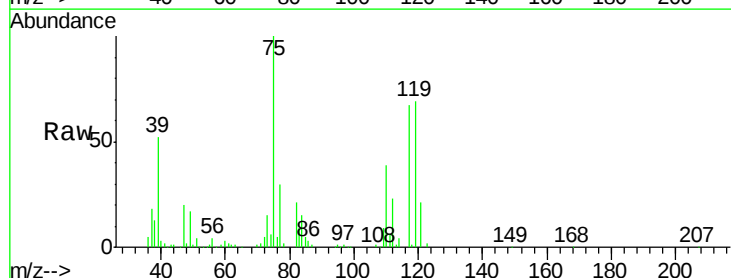
Manual Integrations
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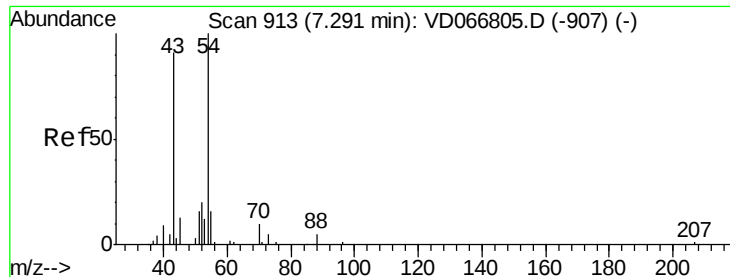
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.362 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	309732		
110	38.0	17.9	53.8	
77	31.8	25.0	37.6	





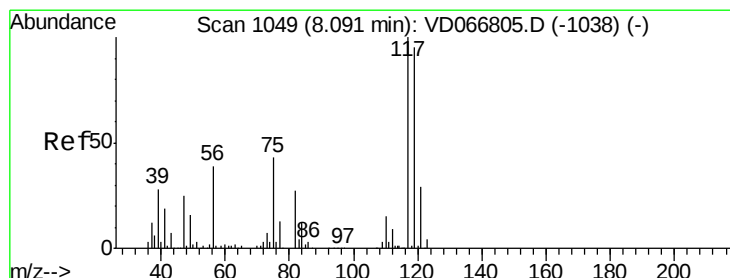
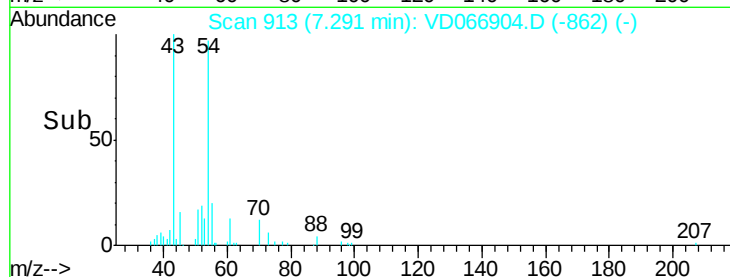
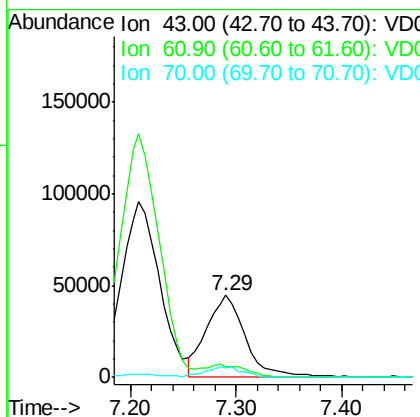
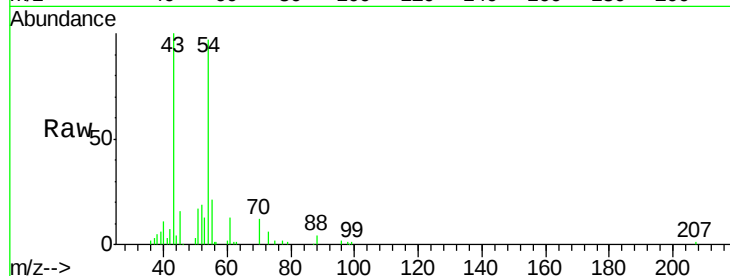
#37
Ethyl Acetate
Concen: 47.804 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.8	14.8
70	12.6	8.5	12.7

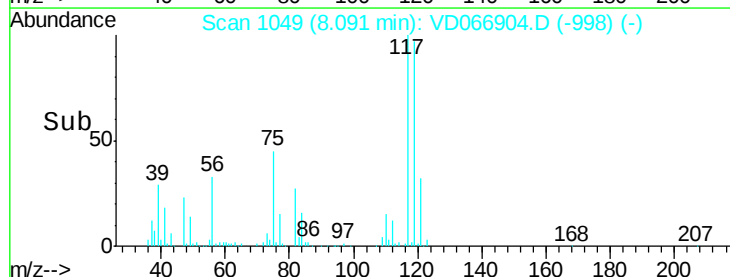
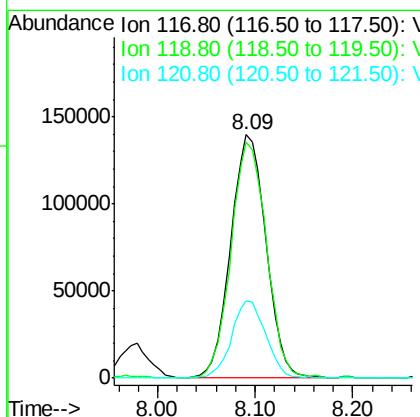
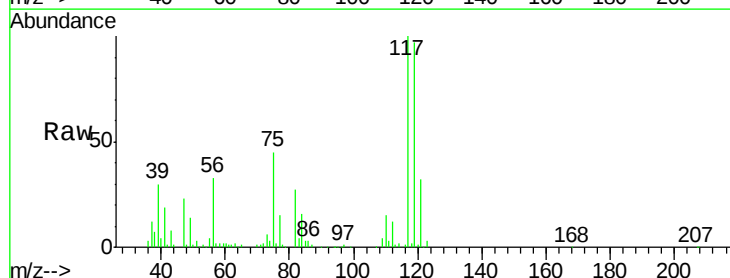
Manual Integrations
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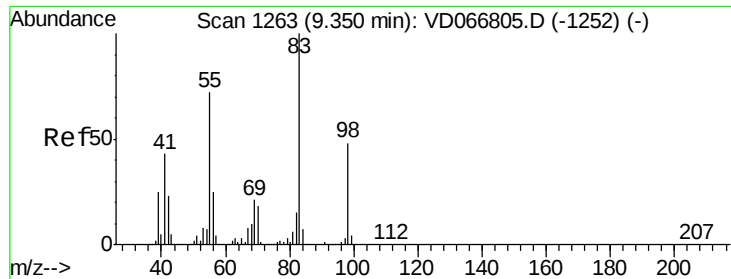
MMDadoda
9/29/2020 11:46:38 AM



#38
Carbon Tetrachloride
Concen: 49.022 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
121	31.7	23.4	35.0





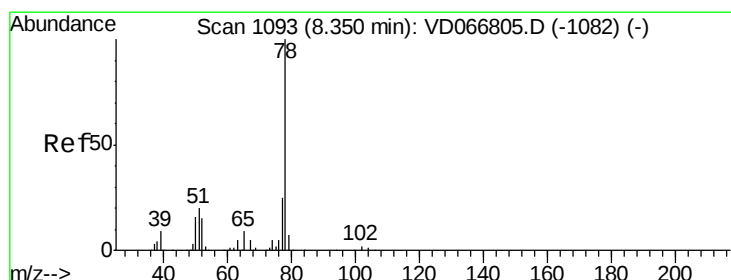
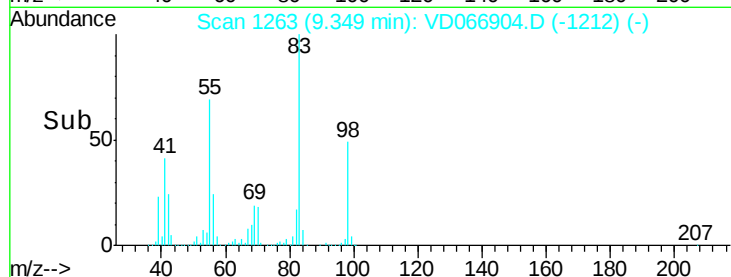
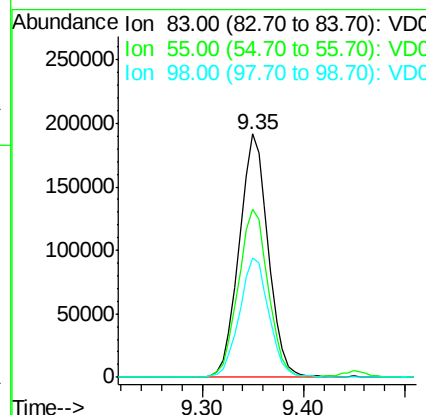
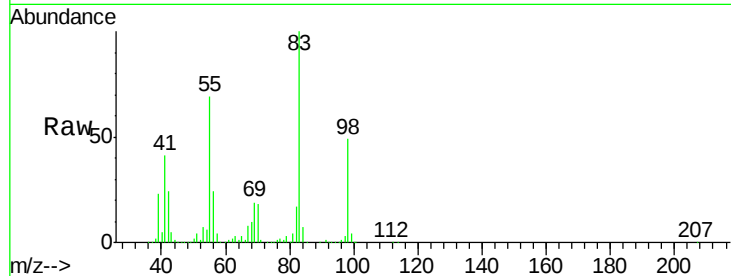
#39
Methylvlcvclohexane
Concen: 50.745 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	381025		
55	69.2		57.7	86.5
98	49.0		38.4	57.6

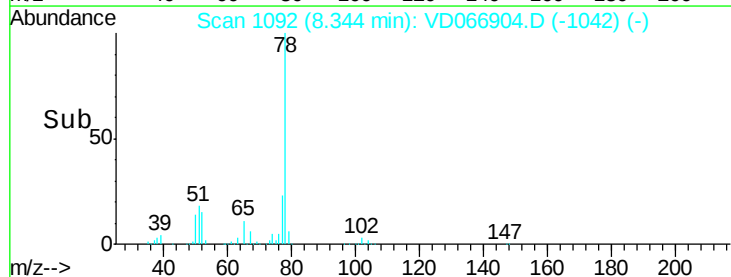
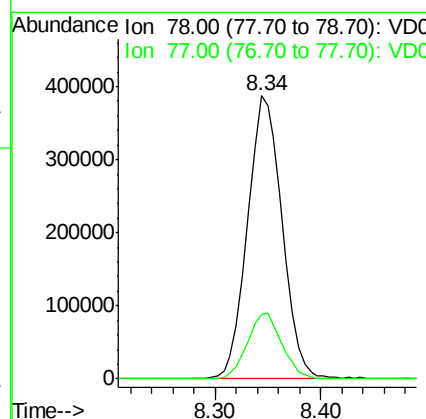
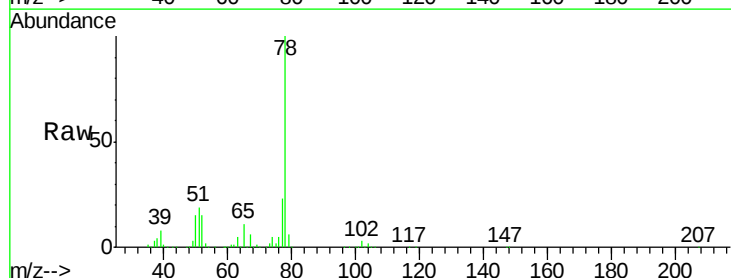
Manual Integrations
APPROVED

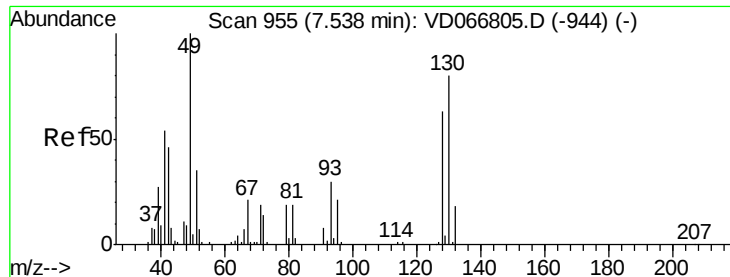
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#40
Benzene
Concen: 48.406 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	882254		
77	22.7		19.9	29.9





#41

Methacrylonitrile

Concen: 50.069 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 72794

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

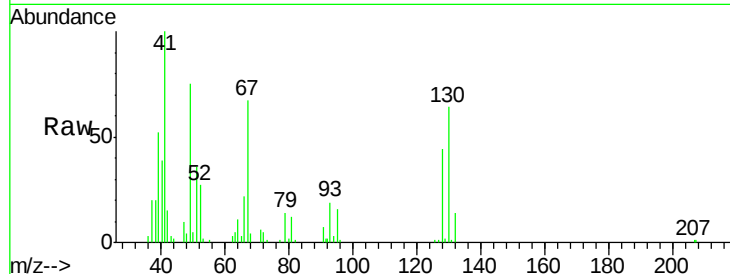
67 72.9 0.0 0.0#

52 31.5 0.0 0.0#

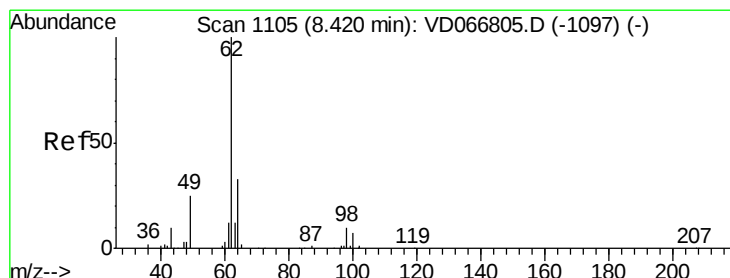
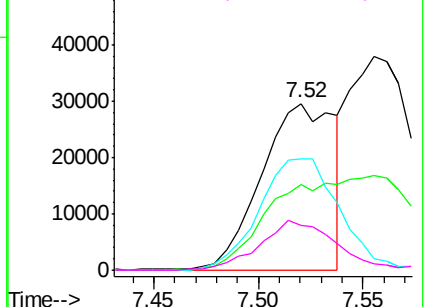
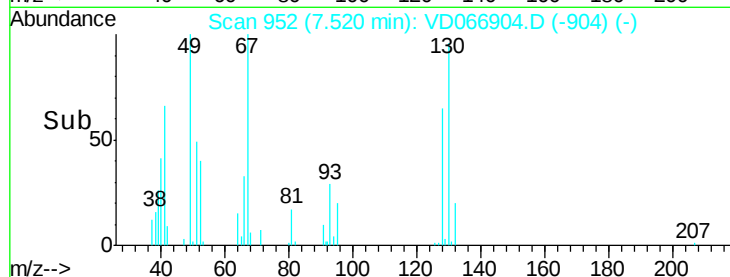
Manual Integrations
APPROVED

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Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.096 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066904.D

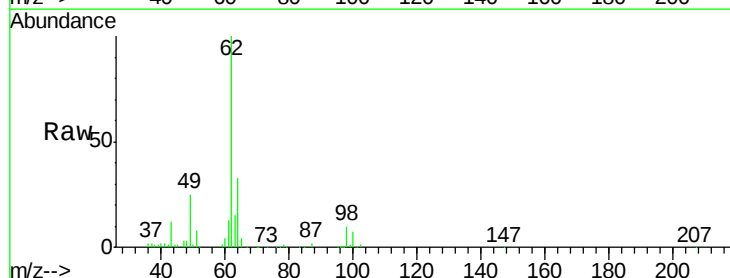
Acq: 28 Sep 2020 10:31

Tgt Ion: 62 Resp: 253756

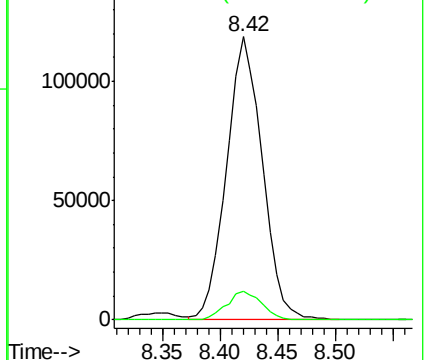
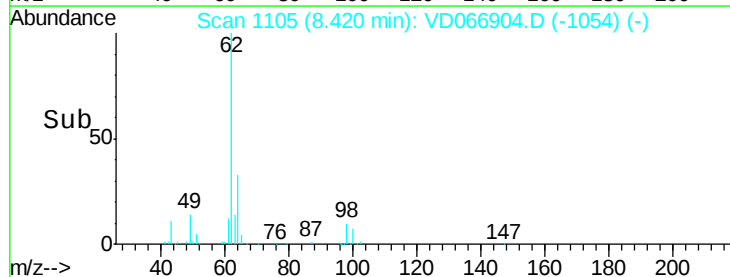
Ion Ratio Lower Upper

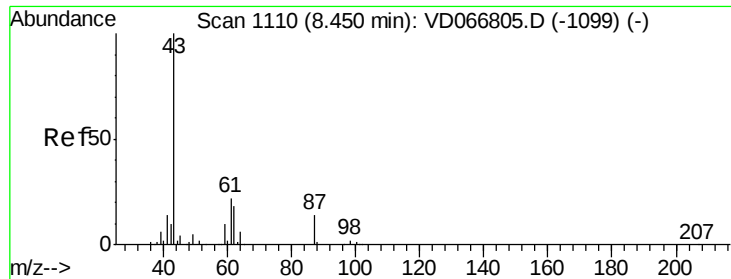
62 100

98 10.1 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





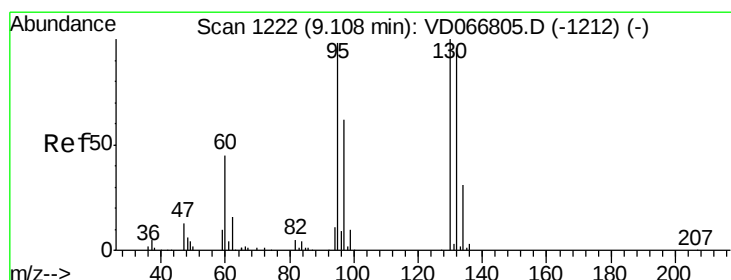
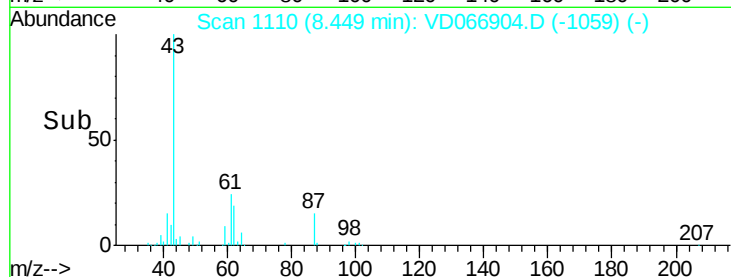
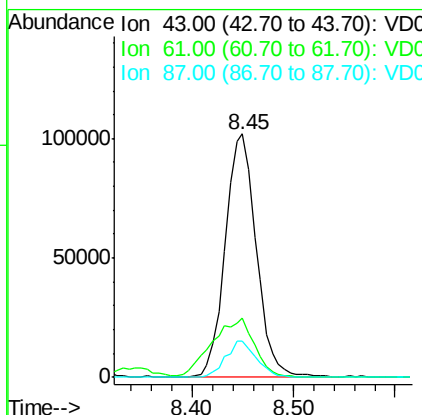
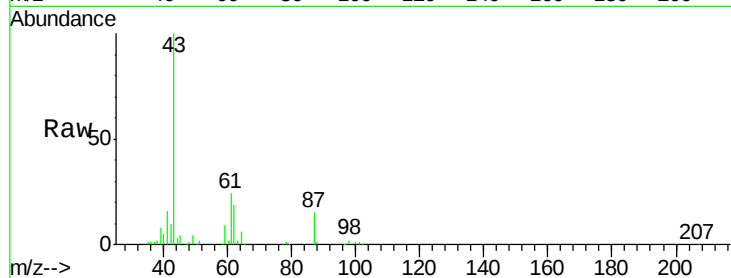
#43
Isopropyl Acetate
Concen: 47.630 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	217097		
61	33.3		26.2	39.4
87	14.8		11.5	17.3

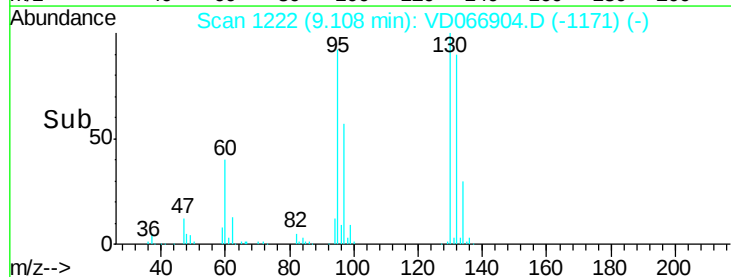
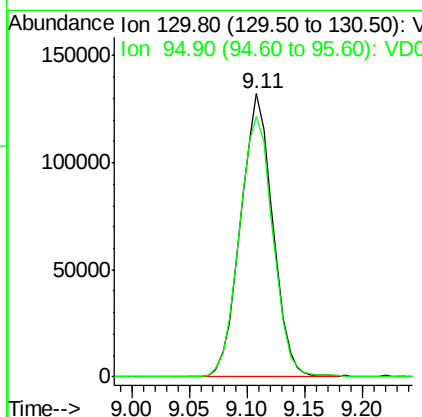
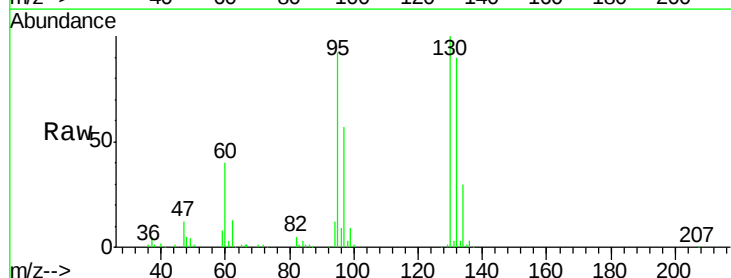
Manual Integrations
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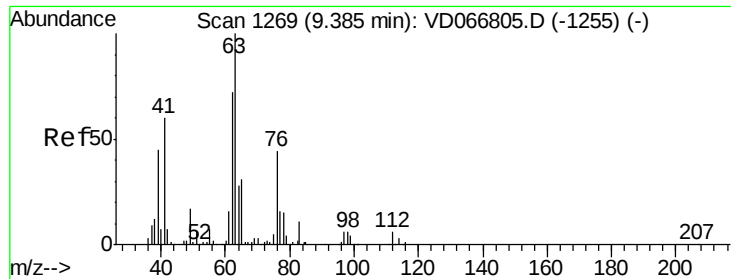
MMDadoda
9/29/2020 11:46:38 AM



#44
Trichloroethene
Concen: 49.227 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	255738		
95	92.0		0.0	197.0





#45

1,2-Dichloropropane

Concen: 47.692 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 218703

Ion Ratio Lower Upper

63 100

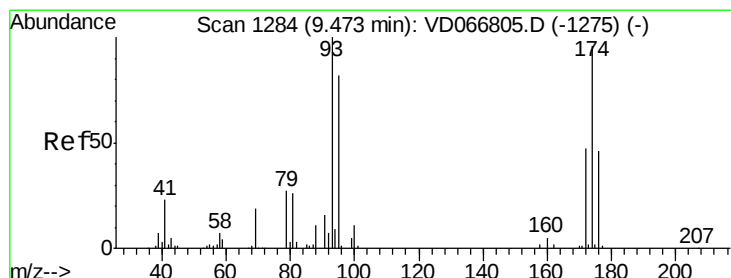
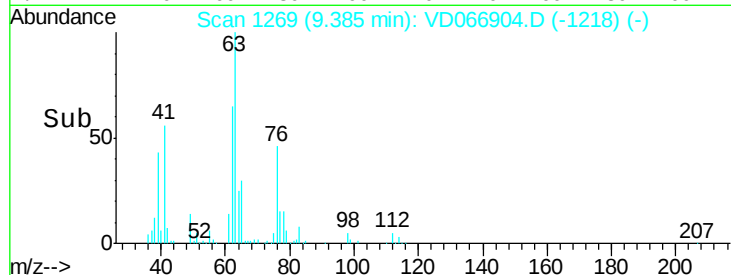
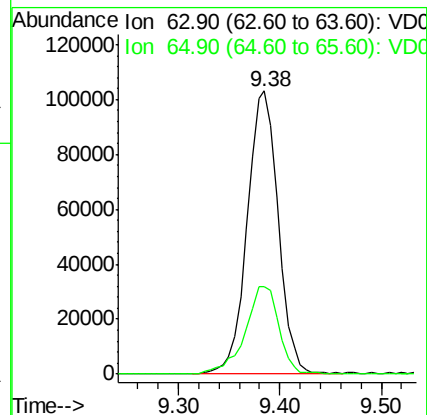
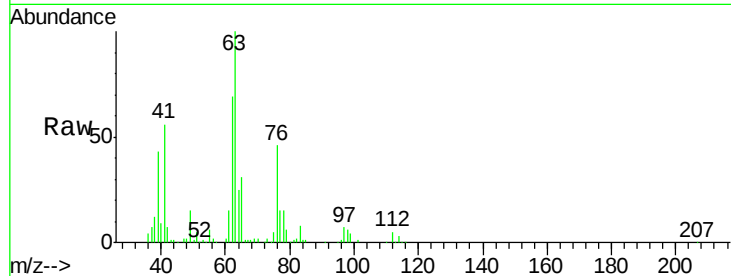
65 30.9 24.7 37.1

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#46

Dibromomethane

Concen: 49.072 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

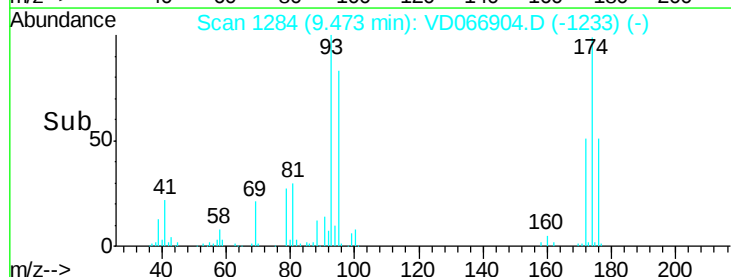
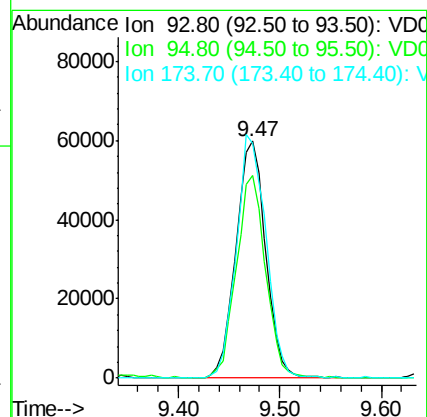
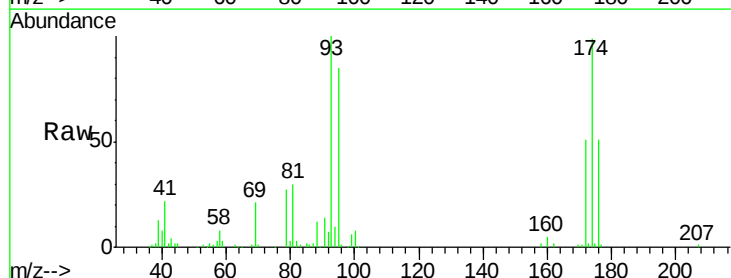
Tgt Ion: 93 Resp: 122264

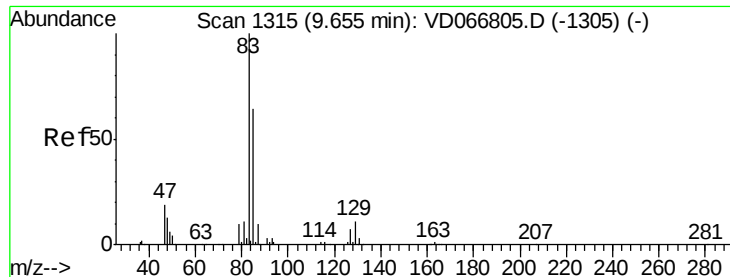
Ion Ratio Lower Upper

93 100

95 84.4 65.3 97.9

174 102.2 75.4 113.2





#47

Bromodichloromethane

Concen: 47.539 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

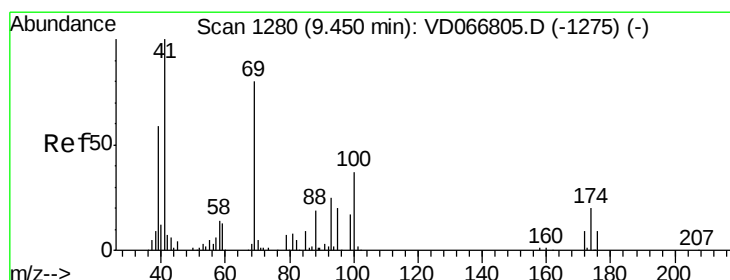
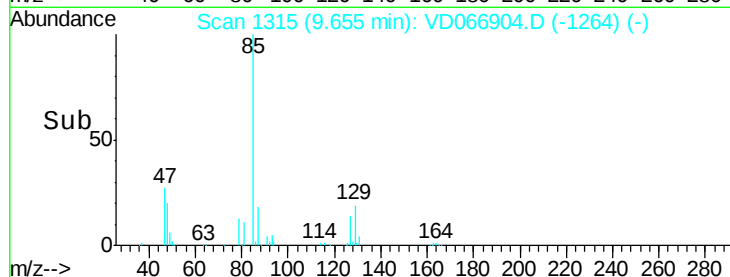
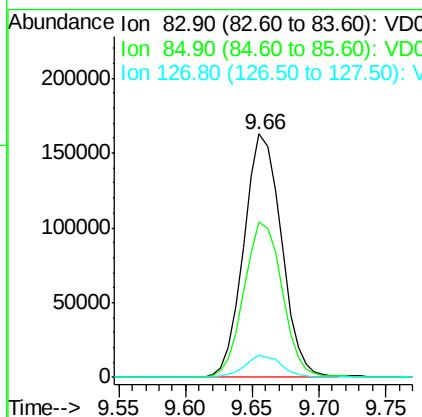
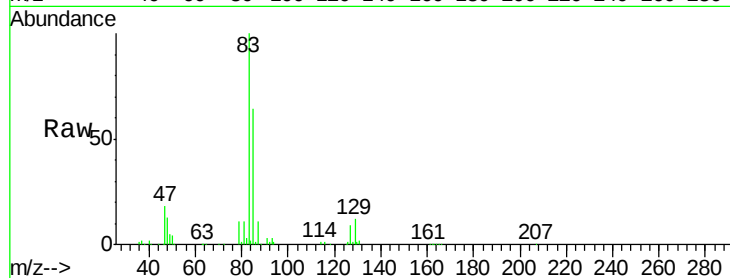
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	318183
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.9	76.3
127	9.1	5.9	8.9#

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#48

Methyl methacrylate

Concen: 51.140 ug/l

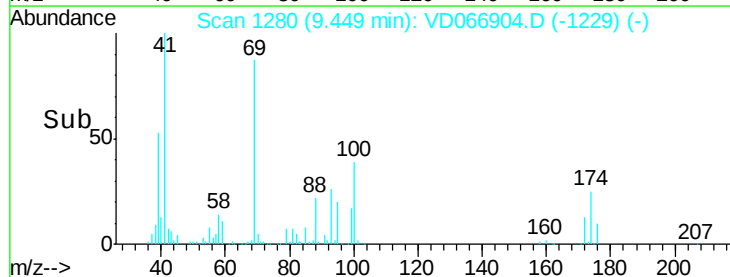
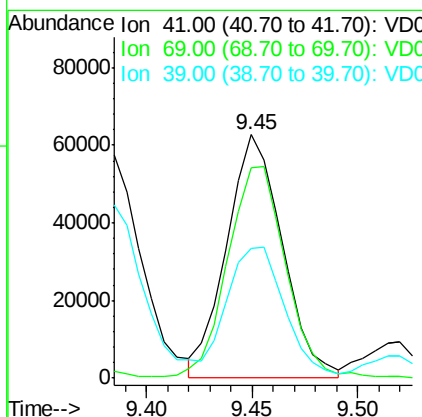
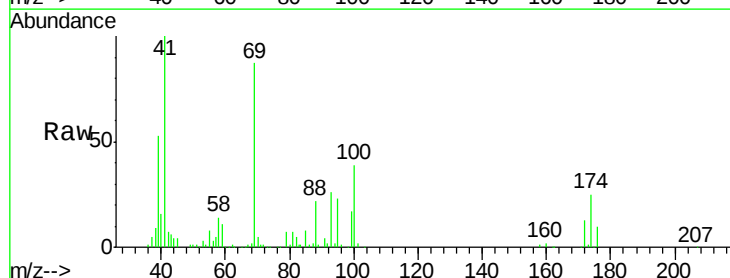
RT: 9.45 min Scan# 1280

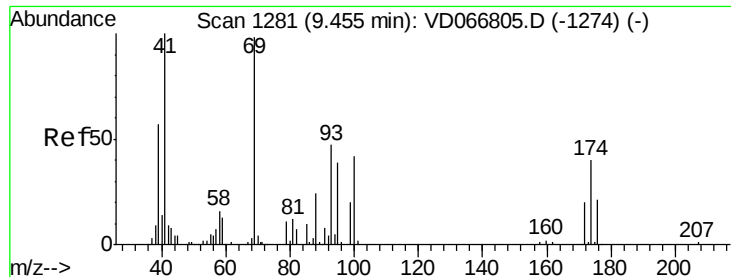
Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	41	Resp:	114926
Ion Ratio	Lower	Upper	
41	100		
69	91.3	74.5	111.7
39	51.9	47.0	70.6





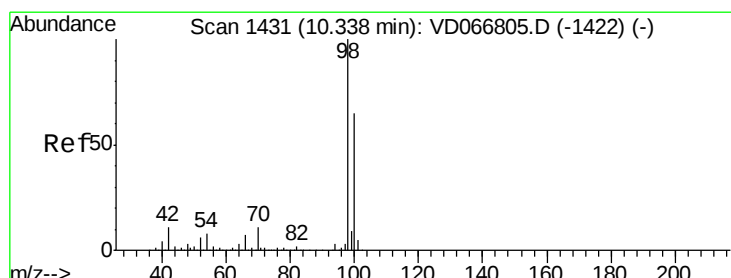
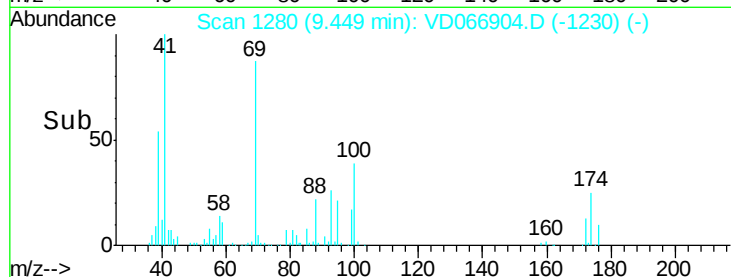
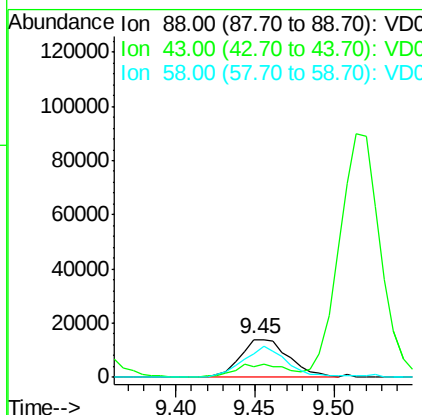
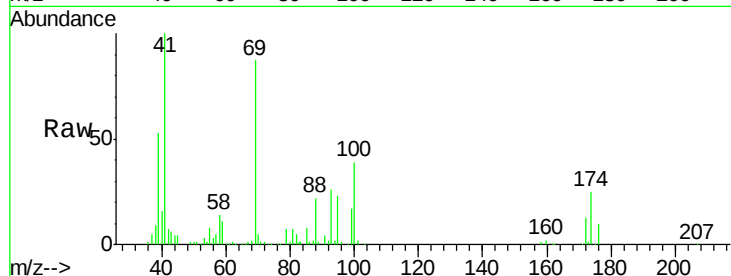
#49
1,4-Dioxane
Concen: 1066.066 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	27.7	41.5
58	73.4	55.5	83.3

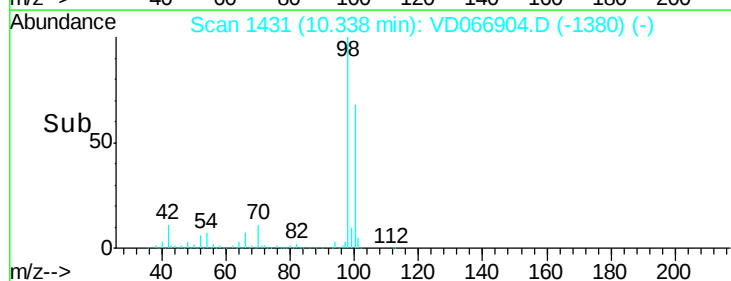
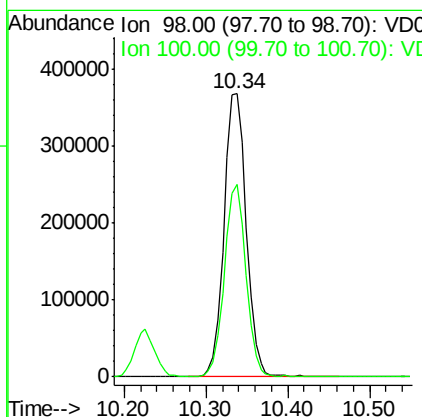
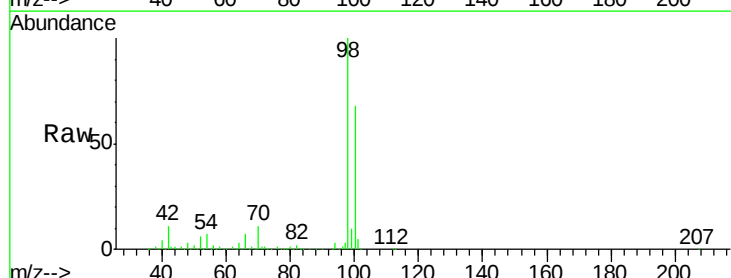
Manual Integrations
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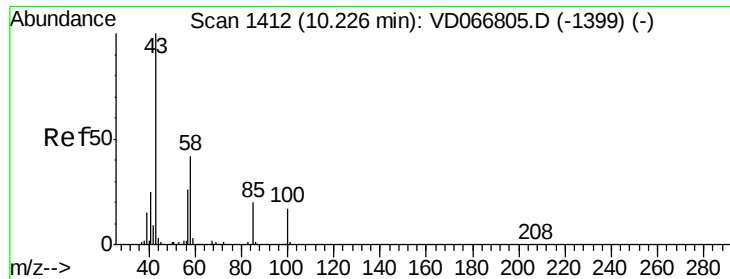
MMDadoda
9/29/2020 11:46:38 AM



#50
Toluene-d8
Concen: 48.869 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 246.537 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 569391

Ion Ratio Lower Upper

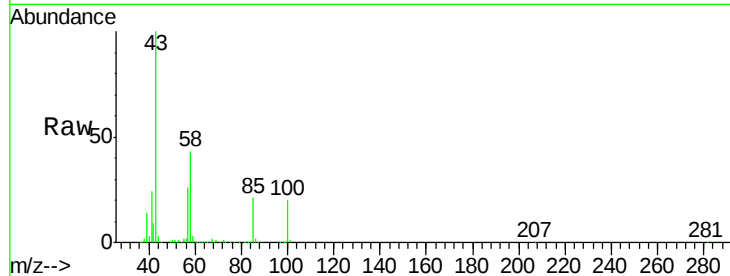
43 100

58 41.4 32.2 48.4

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

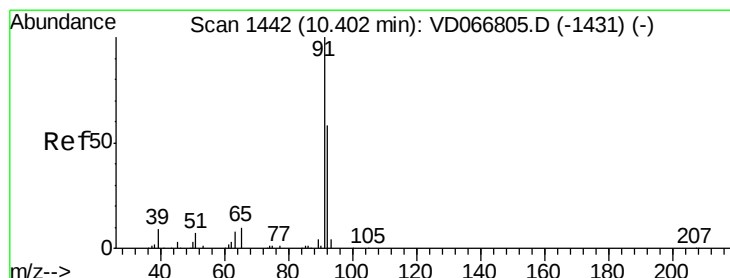
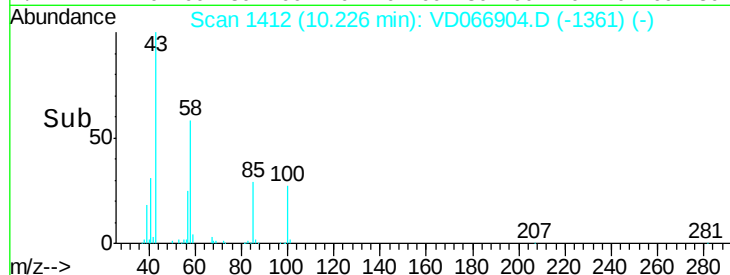
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.177 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066904.D

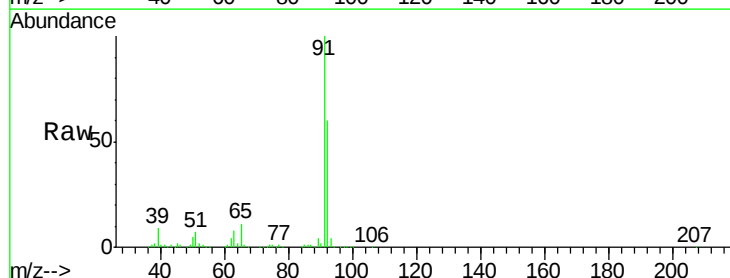
Acq: 28 Sep 2020 10:31

Tgt Ion: 92 Resp: 589077

Ion Ratio Lower Upper

92 100

91 167.9 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

600000

500000

400000

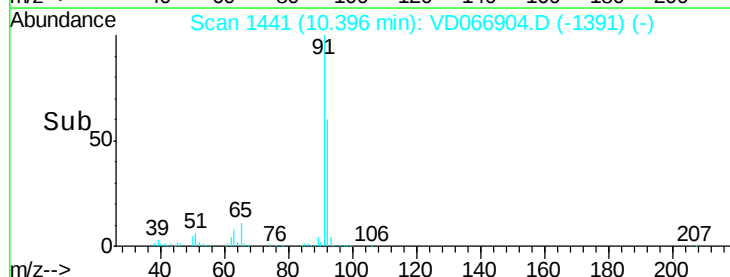
300000

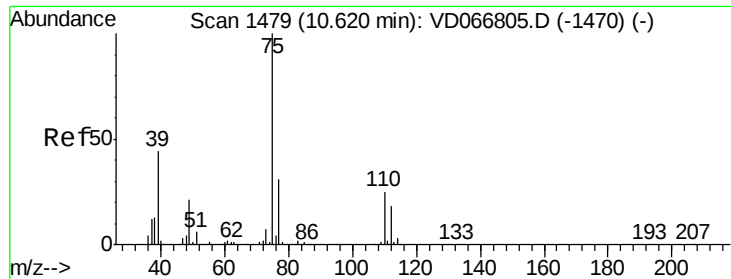
200000

100000

0

Time-->





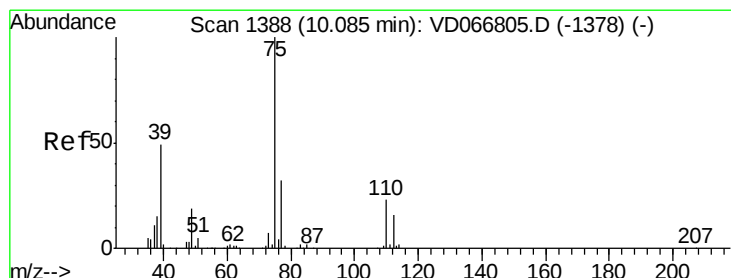
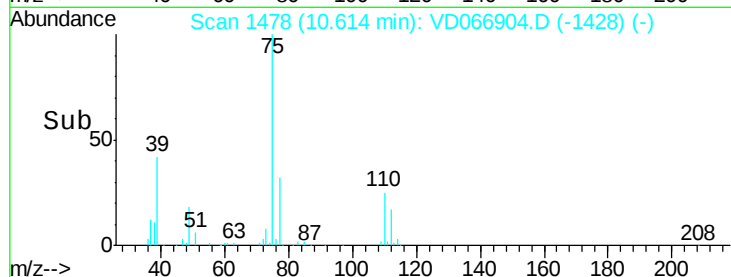
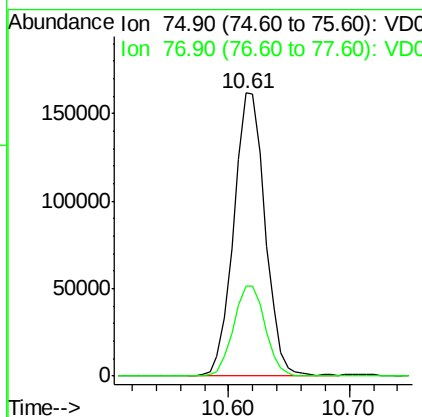
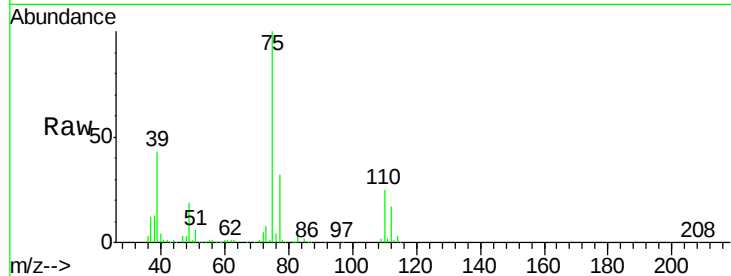
#53
 t-1,3-Dichloropropene
 Concen: 51.694 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 294483
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7

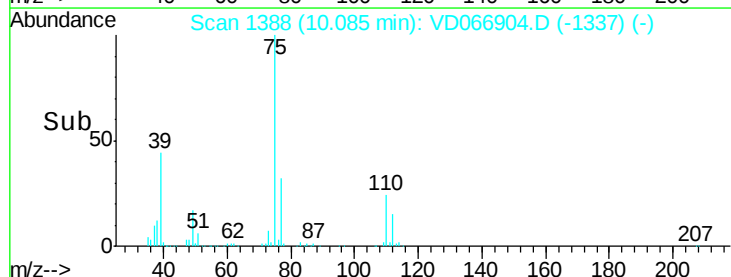
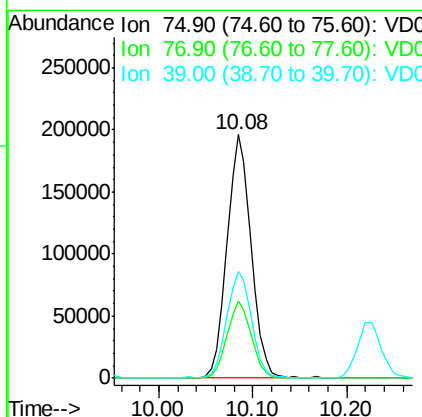
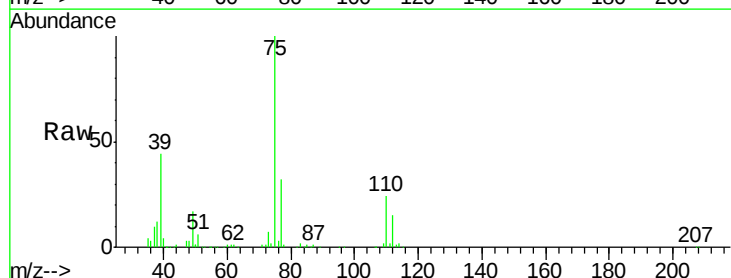
Manual Integrations
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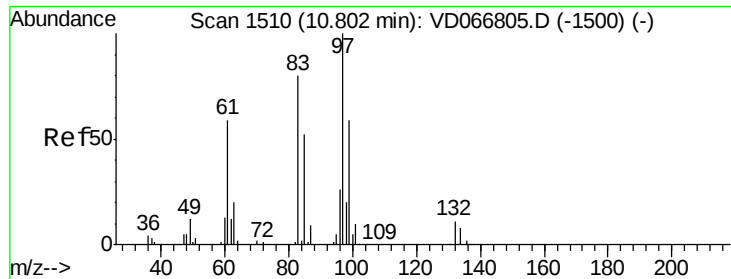
MMDadoda
 9/29/2020 11:46:38 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.378 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 75 Resp: 349935
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 43.6 39.2 58.8





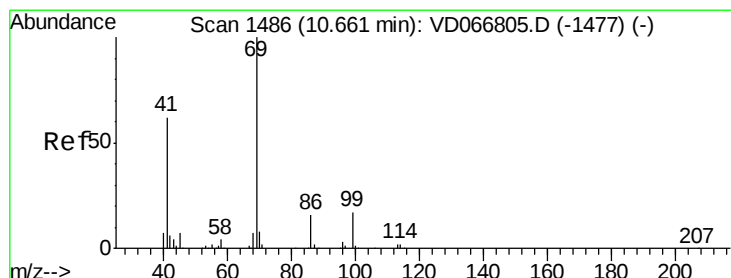
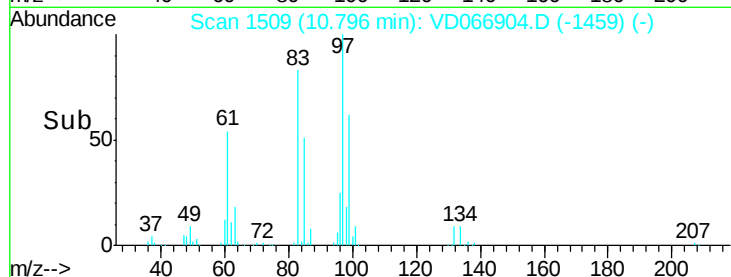
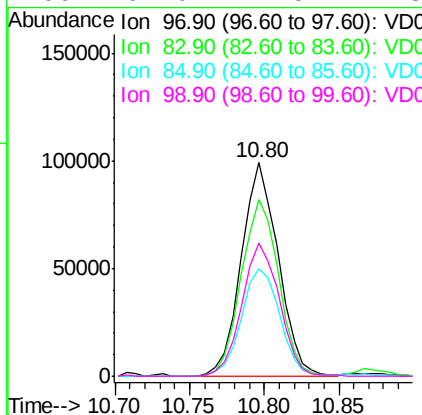
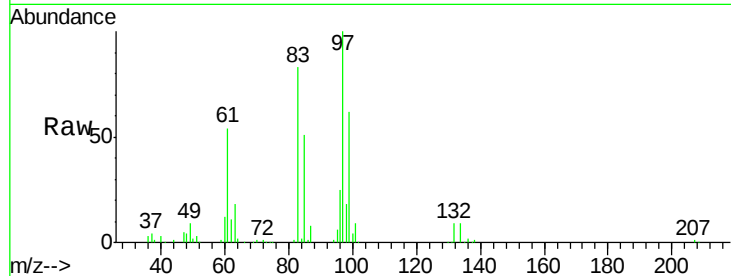
#55
 1,1,2-Trichloroethane
 Concen: 49.712 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		170270		
83	82.8	64.2	96.2		
85	50.5	41.9	62.9		
99	62.0	47.5	71.3		

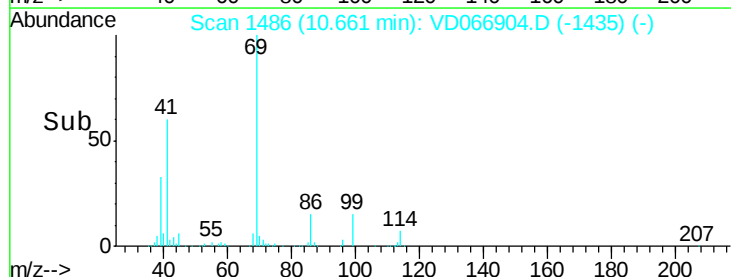
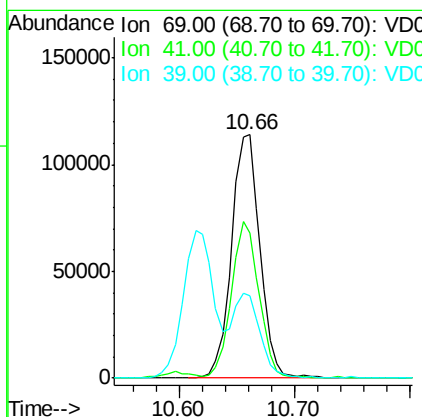
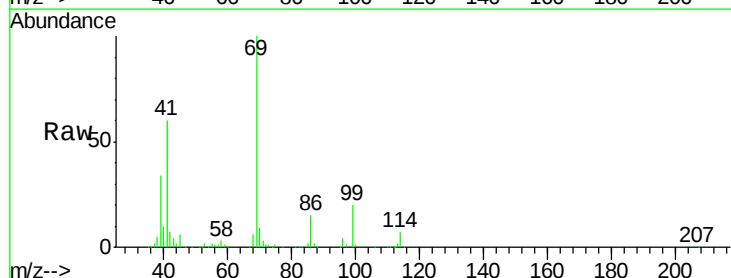
Manual Integrations
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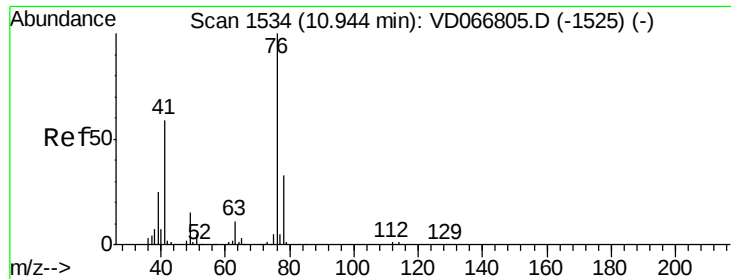
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 52.932 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		194222		
41	61.8	52.2	78.2		
39	34.5	26.6	40.0		





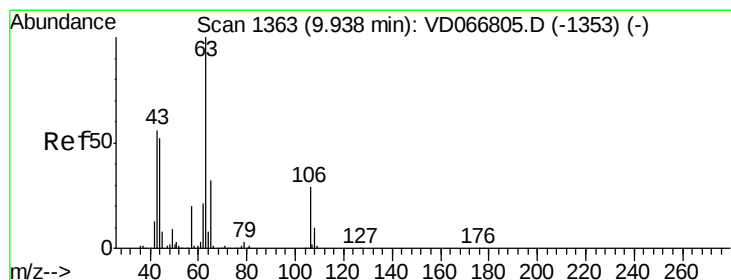
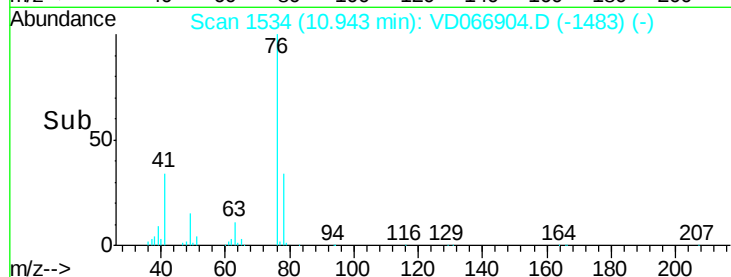
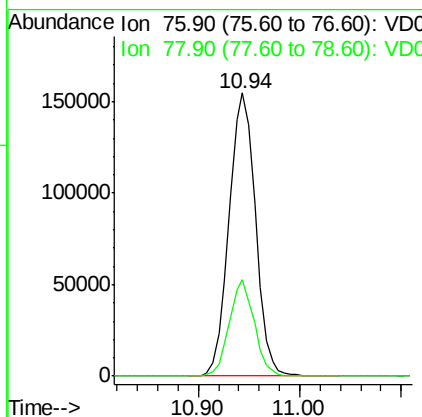
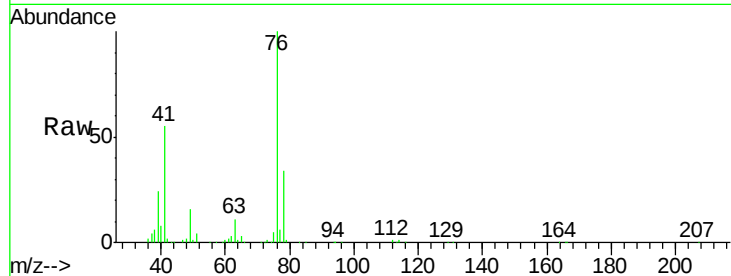
#57
 1,3-Dichloropropane
 Concen: 49.550 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

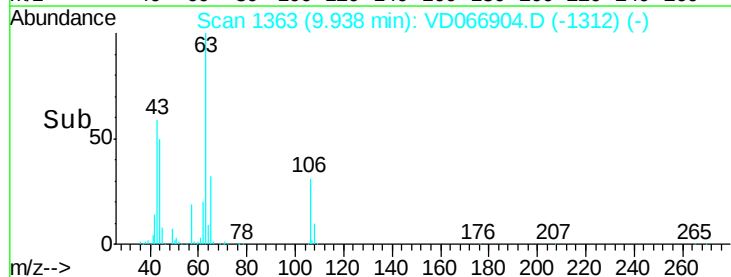
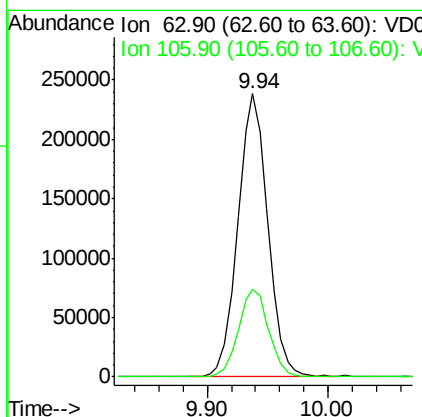
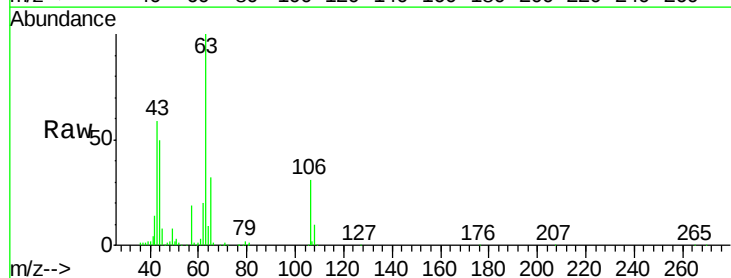
Manual Integrations
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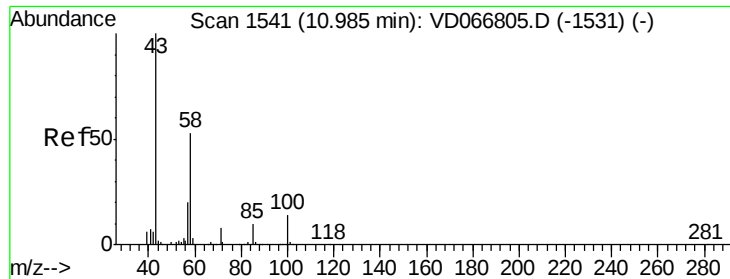
MMDadoda
 9/29/2020 11:46:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.392 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	23.8	35.6





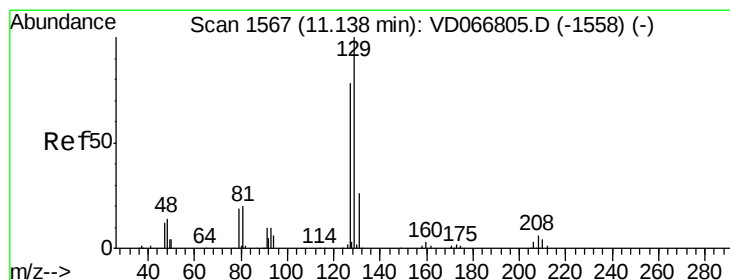
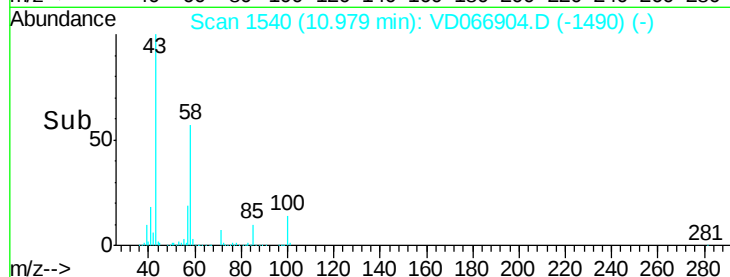
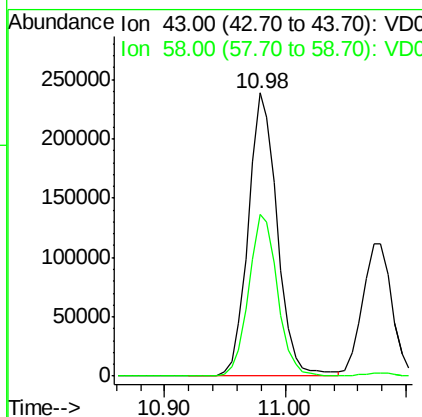
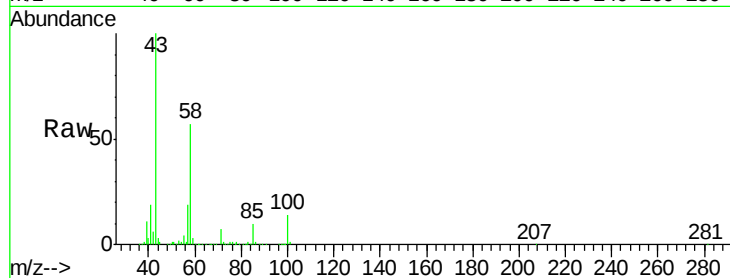
#59
2-Hexanone
Concen: 256.528 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 399544
Ion Ratio Lower Upper
43 100
58 56.5 27.0 80.8

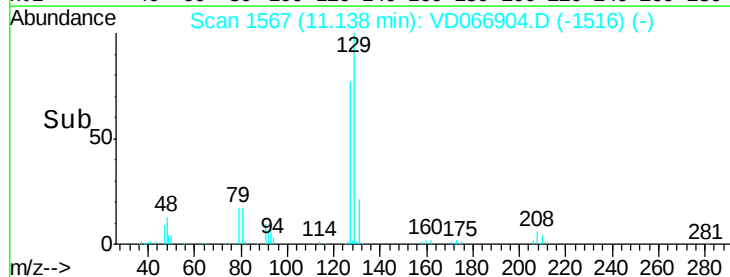
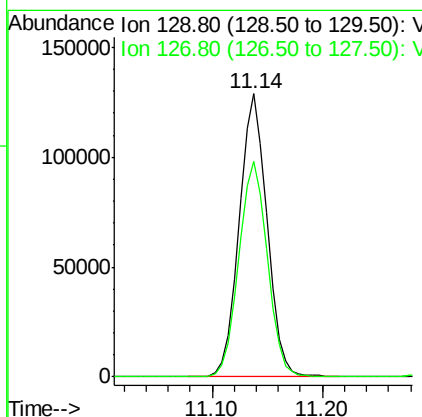
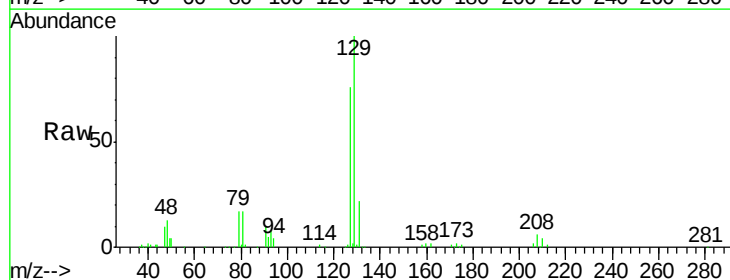
Manual Integrations
APPROVED

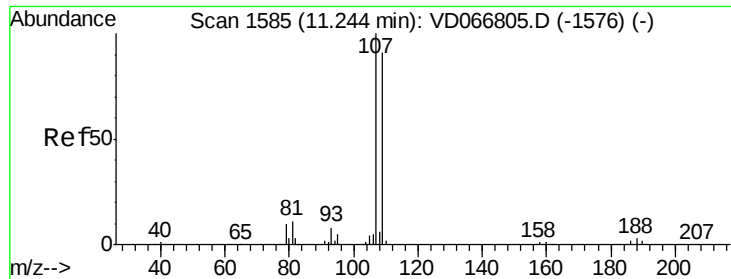
MMDadoda
9/29/2020 11:46:38 AM



#60
Dibromochloromethane
Concen: 51.168 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 129 Resp: 228736
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





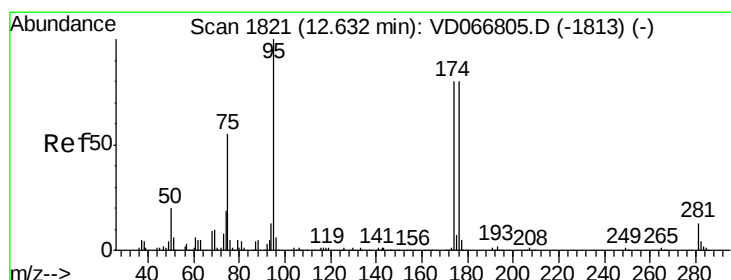
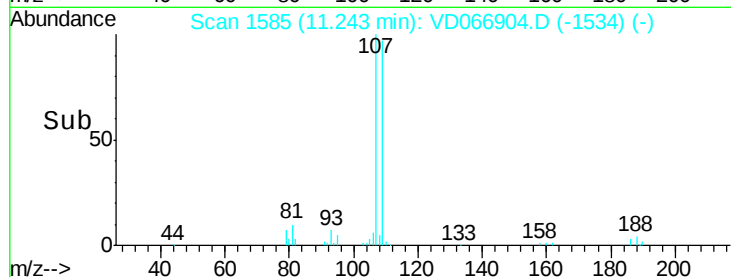
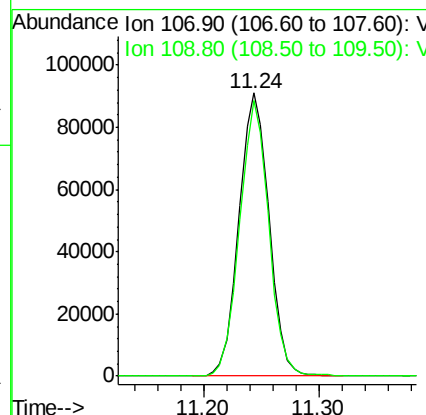
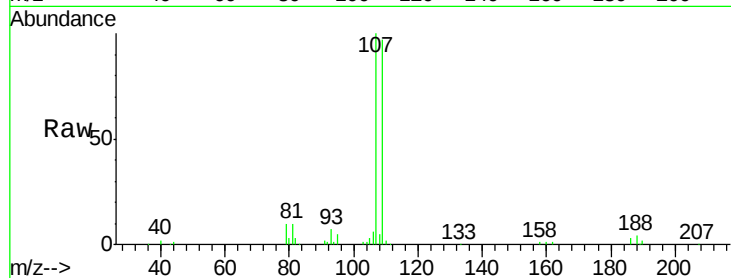
#61
 1,2-Dibromoethane
 Concen: 51.417 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.4

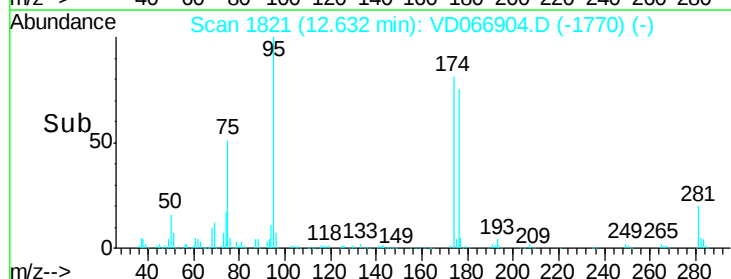
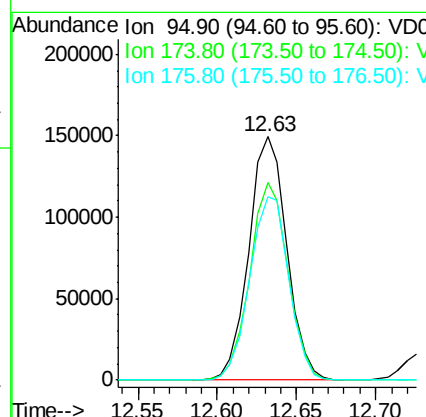
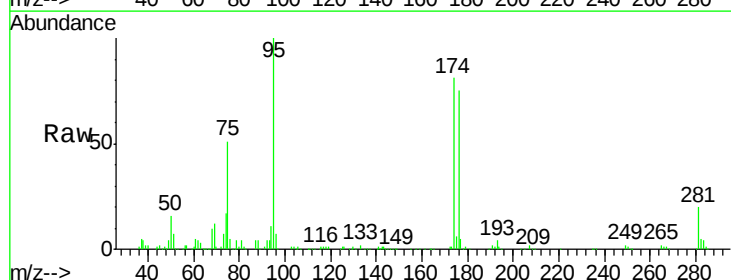
Manual Integrations
 APPROVED

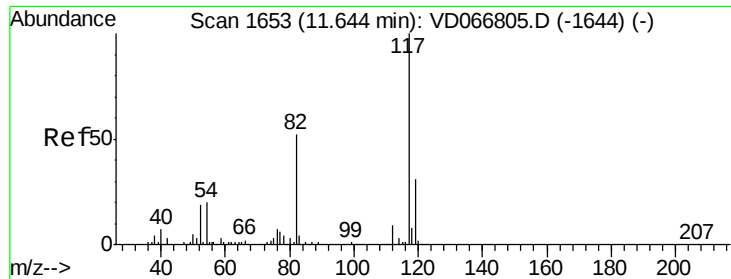
MMDadoda
 9/29/2020 11:46:38 AM



#62
 4-Bromofluorobenzene
 Concen: 50.746 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	159.8
176	77.8	0.0	154.4





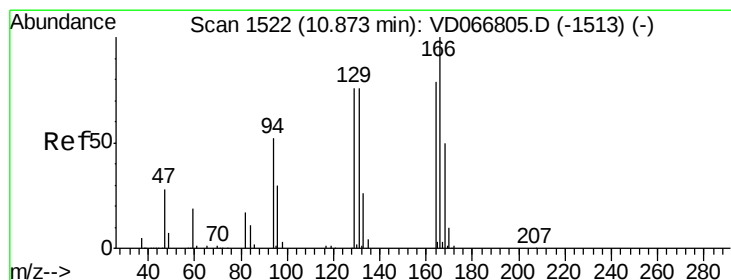
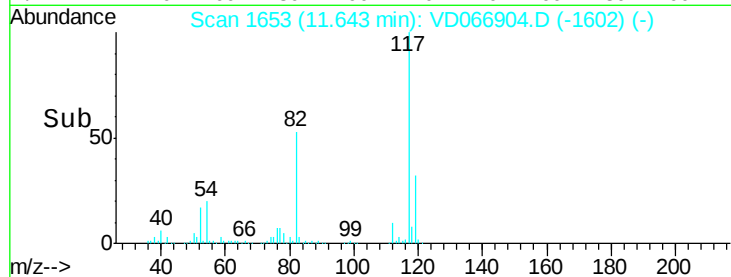
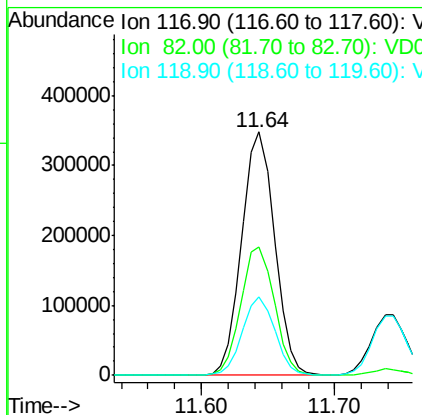
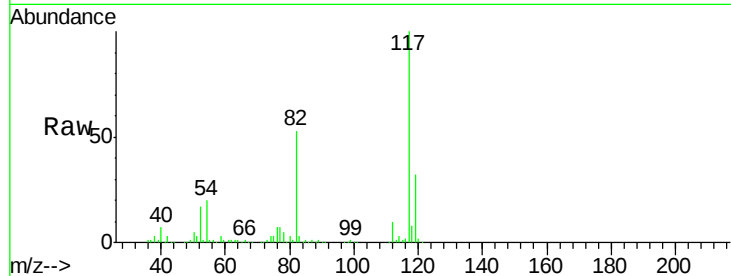
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	598101		
82	52.6		41.8	62.6
119	32.3		24.6	37.0

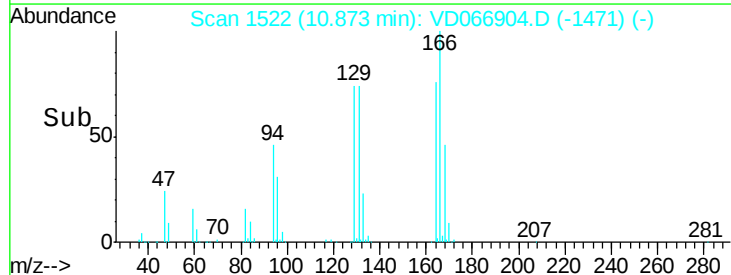
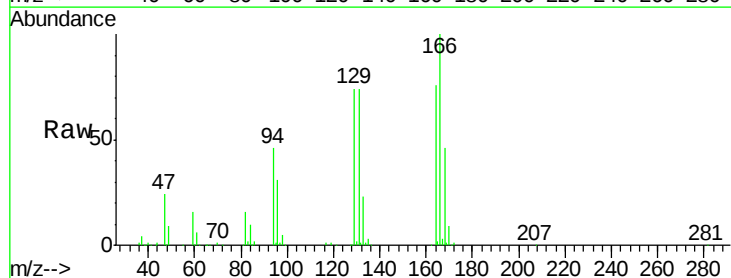
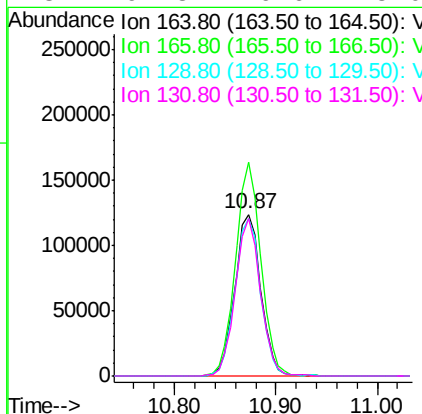
Manual Integrations
APPROVED

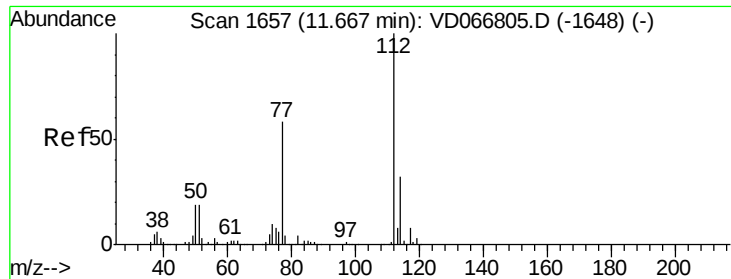
MMDadoda
9/29/2020 11:46:38 AM



#64
Tetrachloroethene
Concen: 51.256 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220516		
166	132.3		101.1	151.7
129	97.9		77.0	115.4
131	97.8		76.6	115.0





#65

Chlorobenzene

Concen: 49.993 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 622408

Ion Ratio Lower Upper

112 100

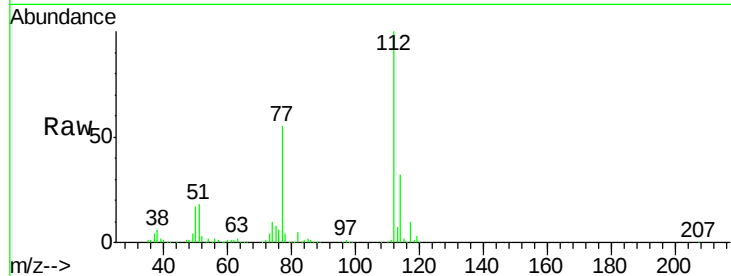
114 31.8 25.4 38.2

Manual Integrations

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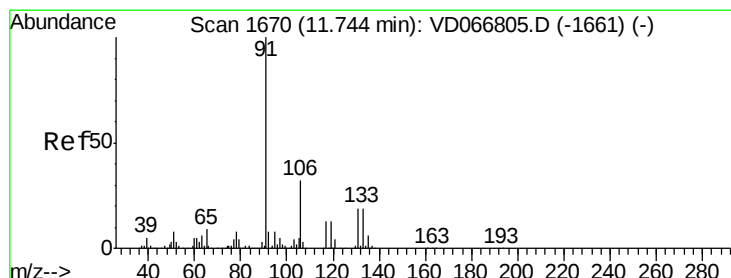
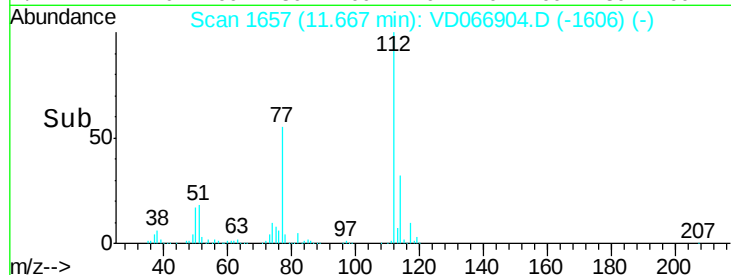
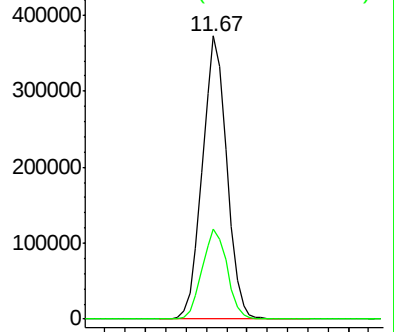
MMDadoda

9/29/2020 11:46:38 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.307 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

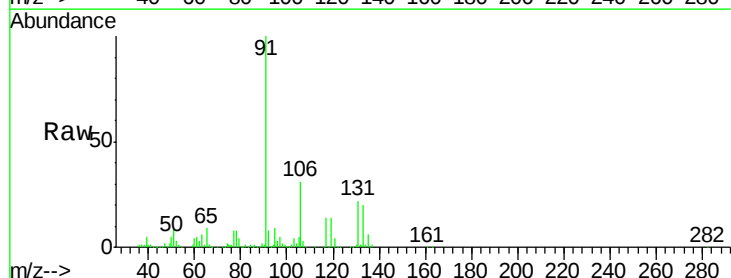
Tgt Ion:131 Resp: 241758

Ion Ratio Lower Upper

131 100

133 93.8 46.7 140.1

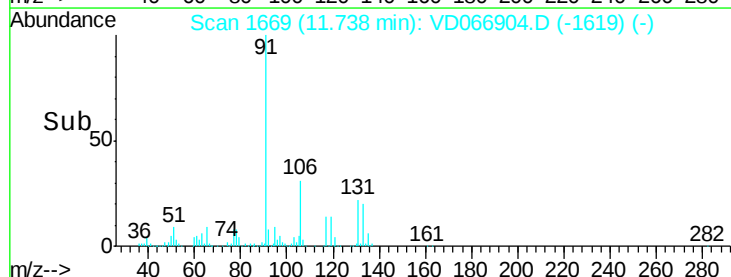
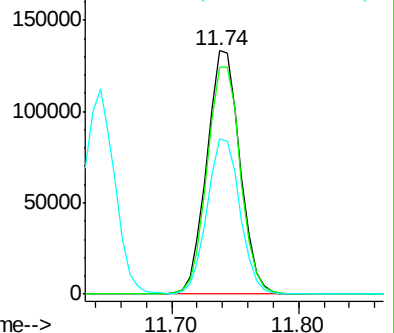
119 63.6 32.3 96.9

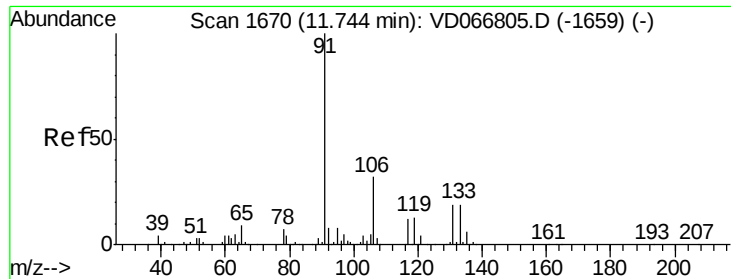


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





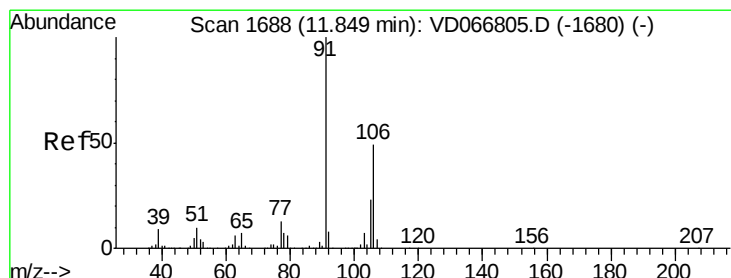
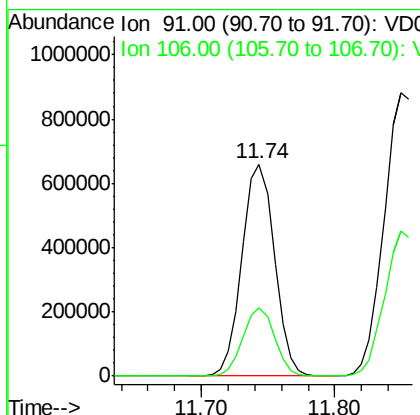
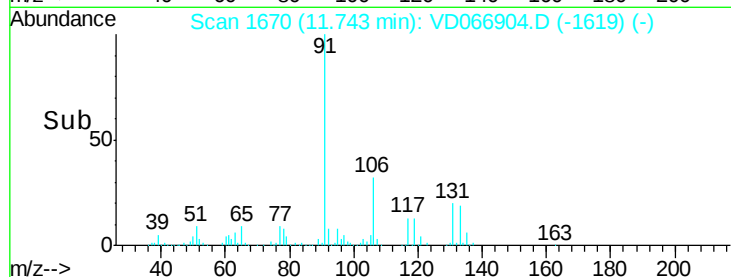
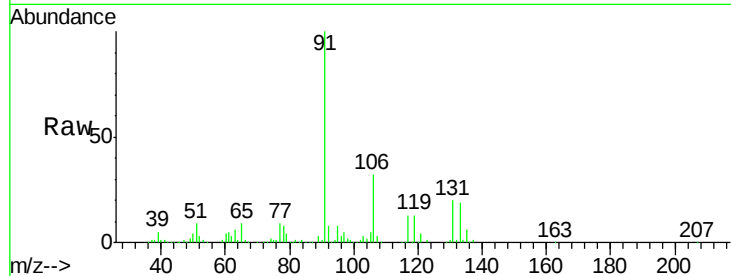
#67
Ethyl Benzene
Concen: 51.061 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1116490
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

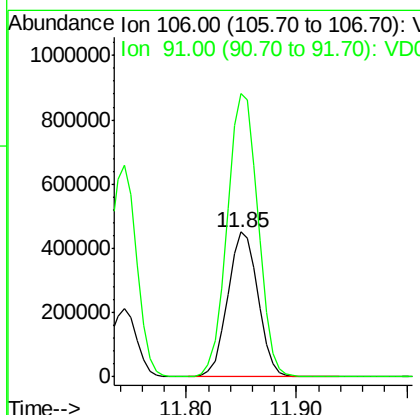
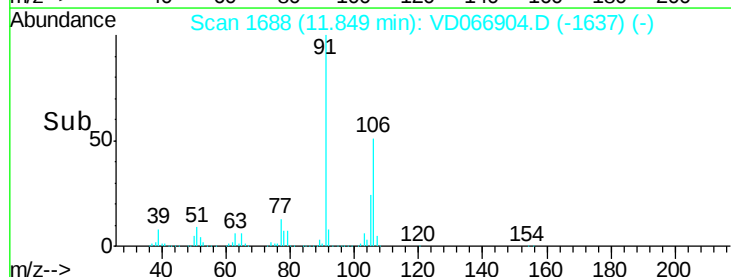
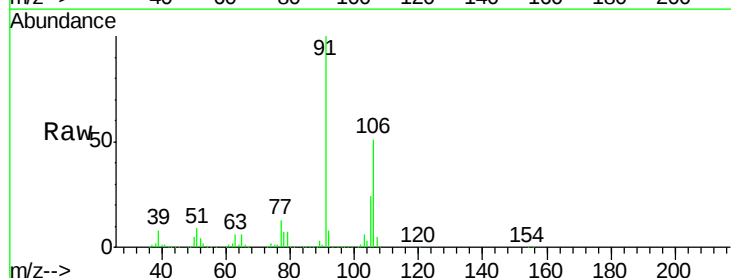
Manual Integrations
APPROVED

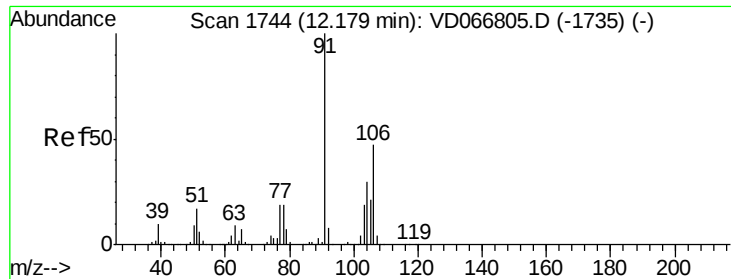
MMDadoda
9/29/2020 11:46:38 AM



#68
m/p-Xylenes
Concen: 104.570 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 106 Resp: 865706
Ion Ratio Lower Upper
106 100
91 199.1 160.7 241.1





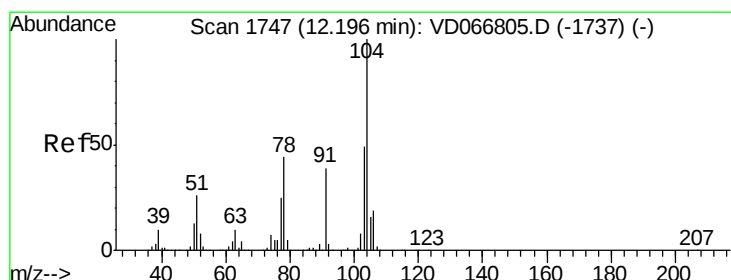
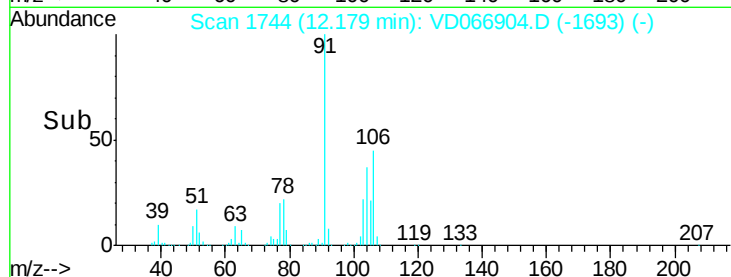
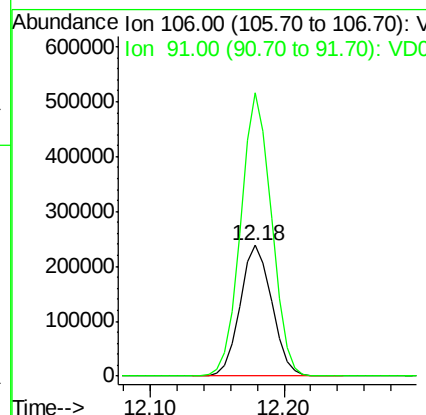
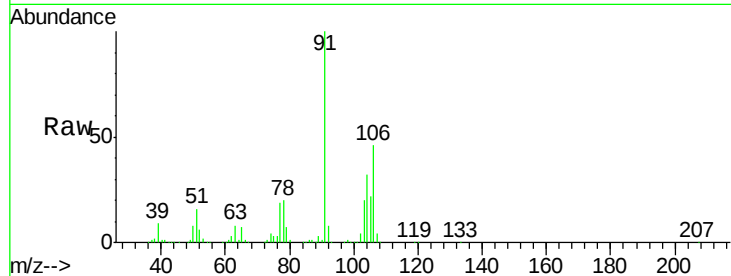
#69
o-Xylene
Concen: 52.212 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	106.3	318.8

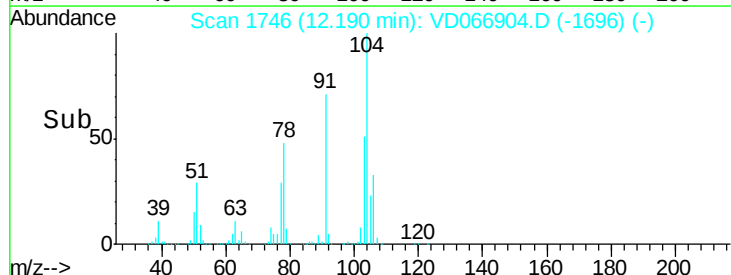
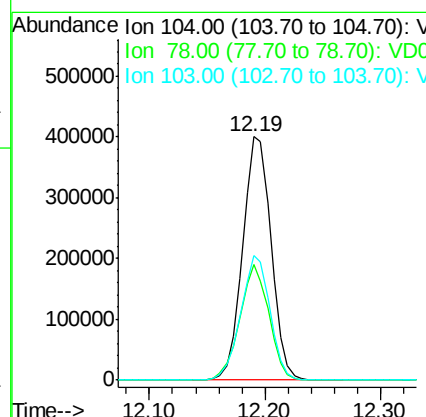
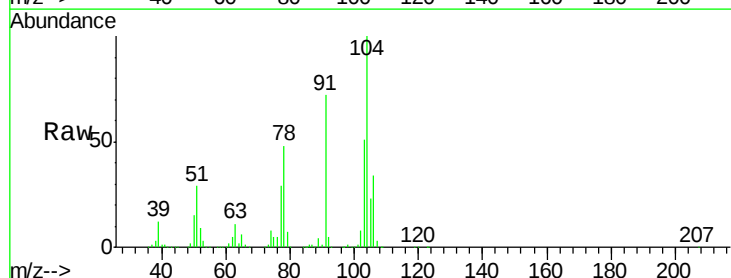
Manual Integrations
APPROVED

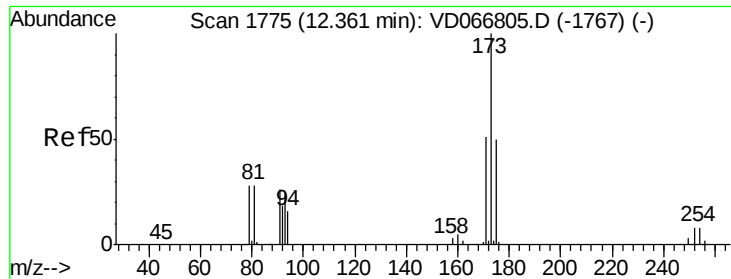
MMDadoda
9/29/2020 11:46:38 AM



#70
Styrene
Concen: 52.566 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.9	58.3
103	52.8	43.2	64.8





#71

Bromoform

Concen: 52.410 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

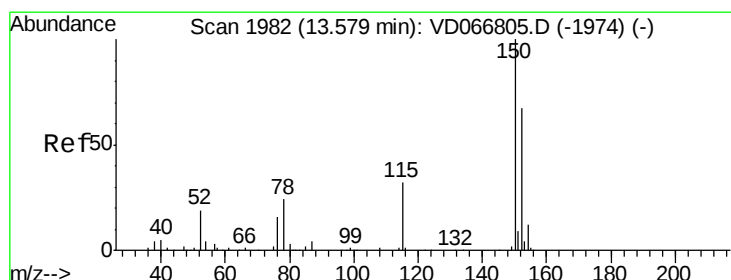
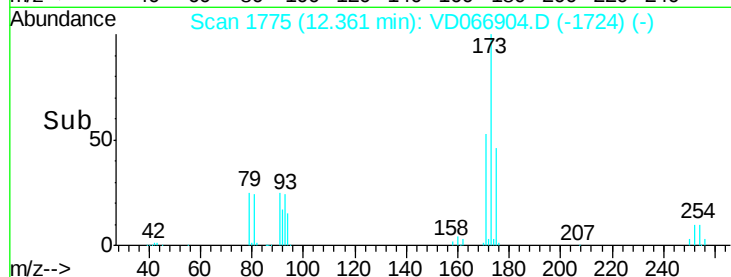
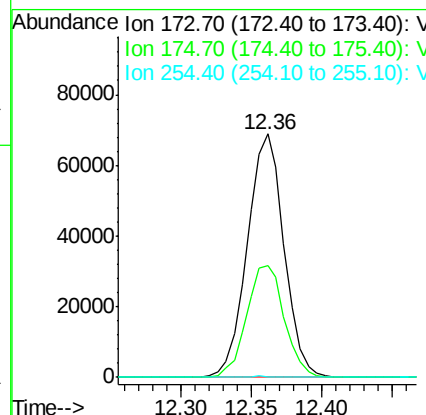
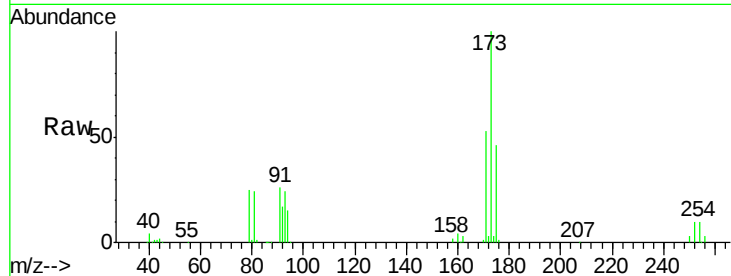
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.9	74.6
254	0.2	0.1	0.1

Manual Integrations
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MMDadoda
9/29/2020 11:46:38 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

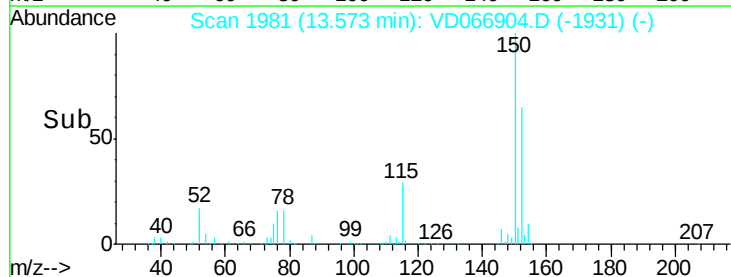
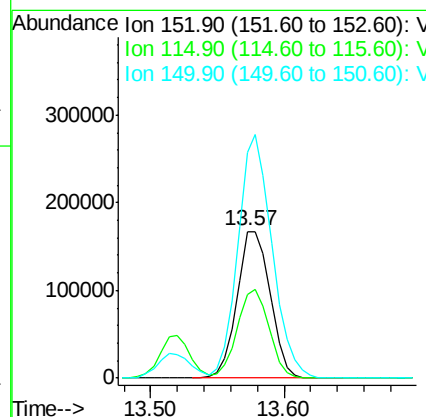
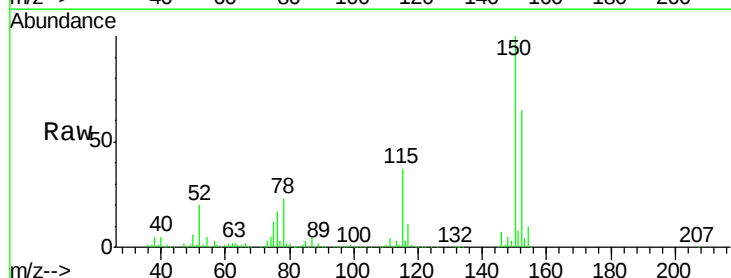
RT: 13.57 min Scan# 1981

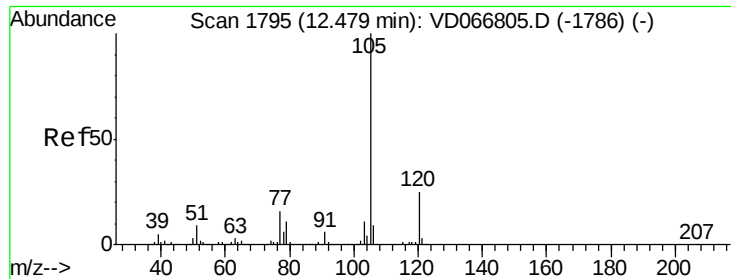
Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.3	91.0
150	170.3	0.0	346.2





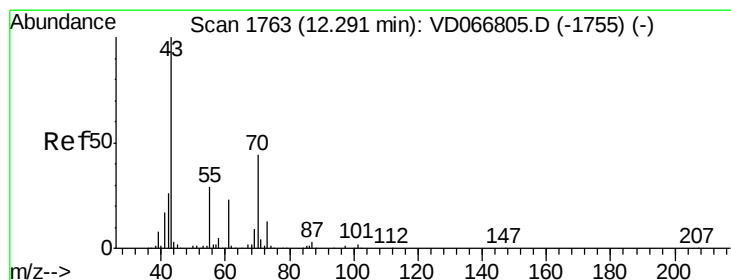
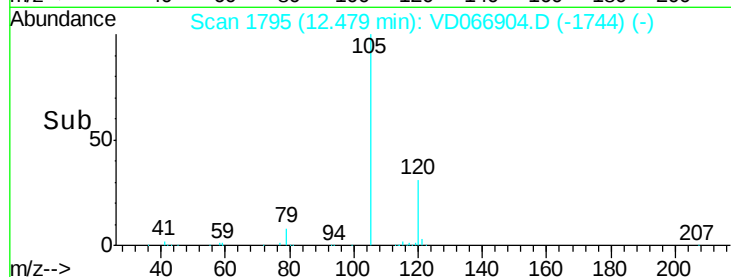
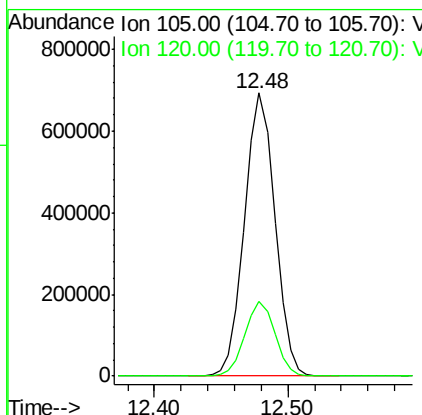
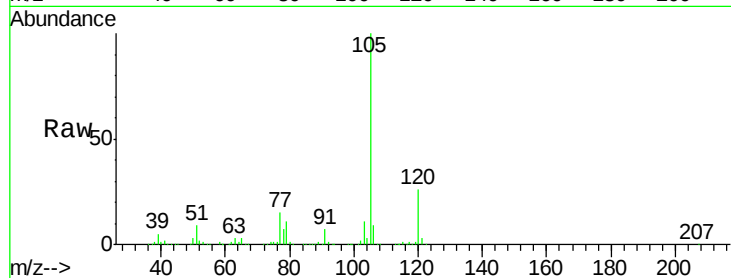
#73
Isopropylbenzene
Concen: 52.462 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1092379
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

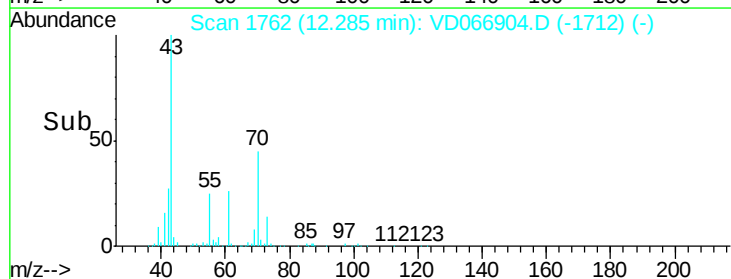
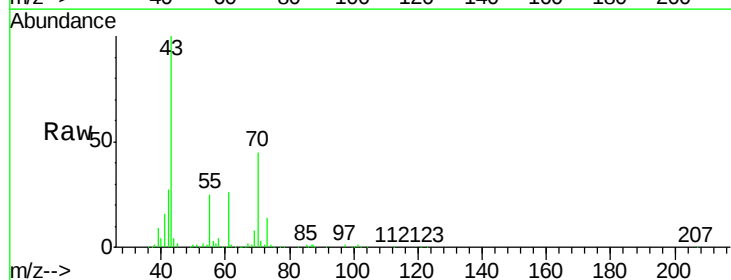
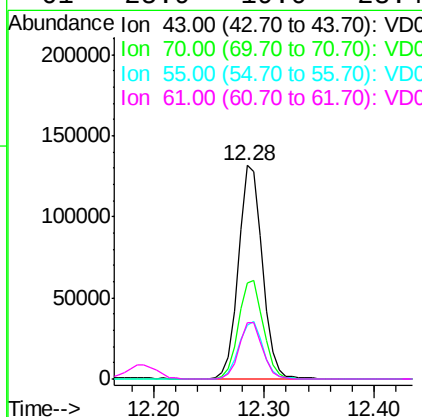
Manual Integrations
APPROVED

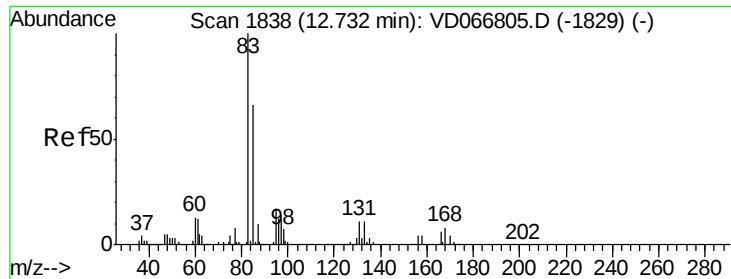
MMDadoda
9/29/2020 11:46:38 AM



#74
N-ethyl acetate
Concen: 49.670 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion: 43 Resp: 201971
Ion Ratio Lower Upper
43 100
70 47.2 36.1 54.1
55 27.3 21.8 32.8
61 25.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.200 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

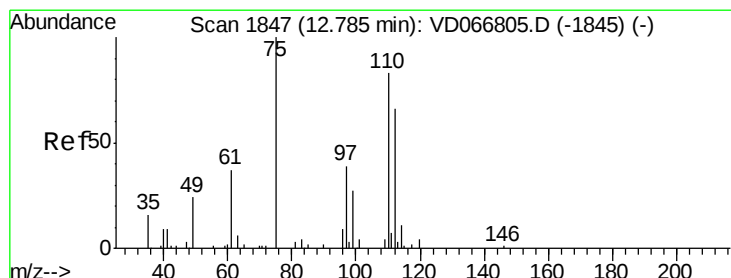
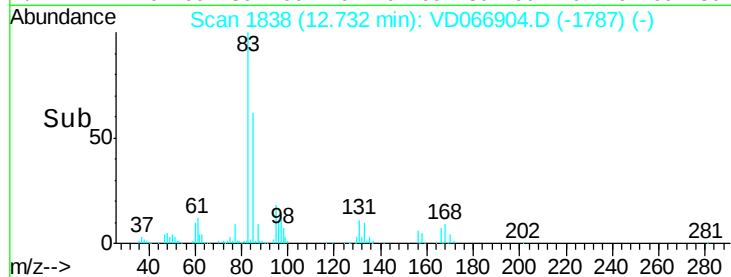
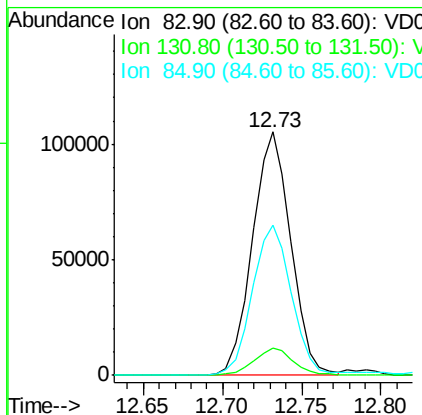
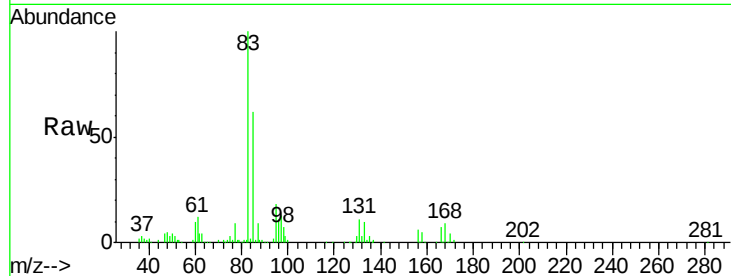
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	176776
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	62.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 54.750 ug/l m

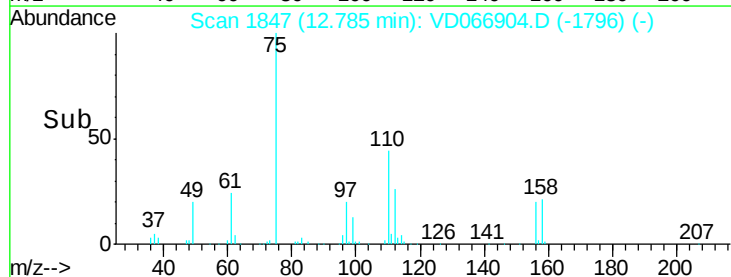
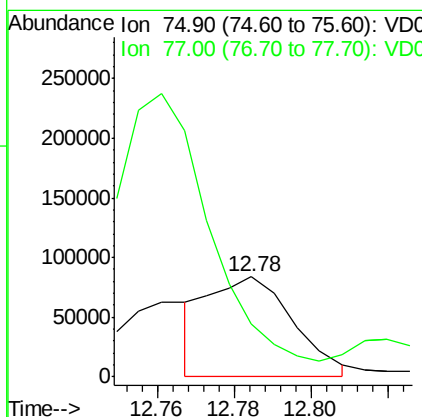
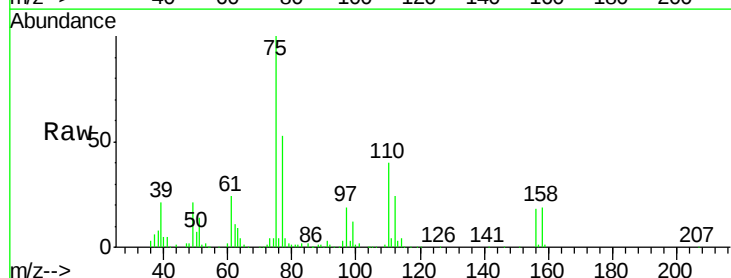
RT: 12.78 min Scan# 1847

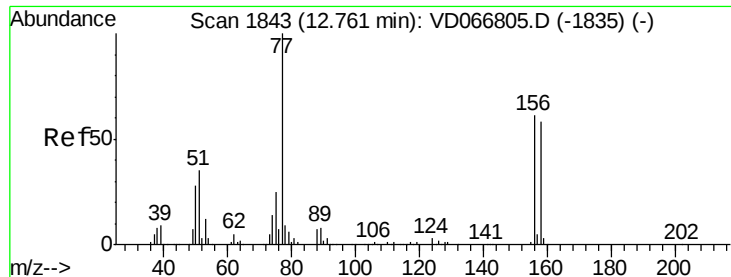
Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	75	Resp:	130779
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.975 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

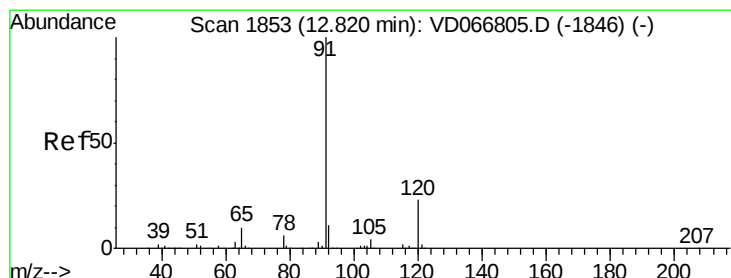
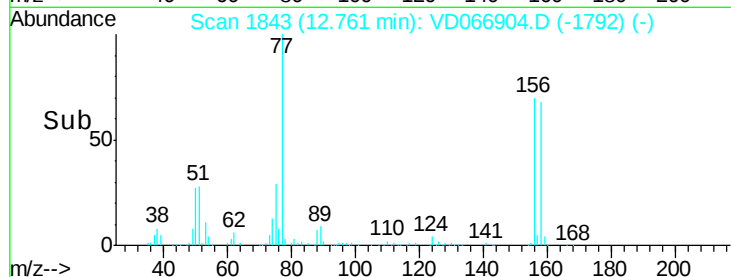
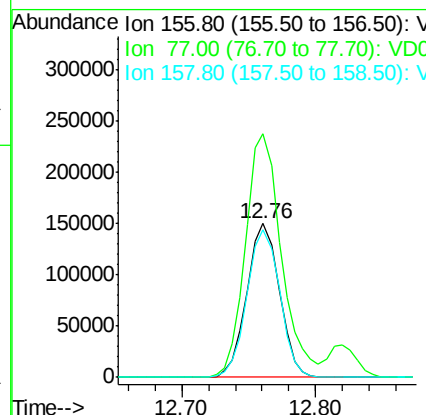
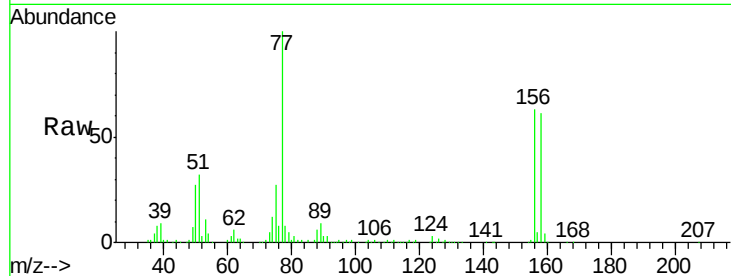
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.6	92.3	276.9
158	96.5	47.6	142.9

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#78

n-propylbenzene

Concen: 51.191 ug/l

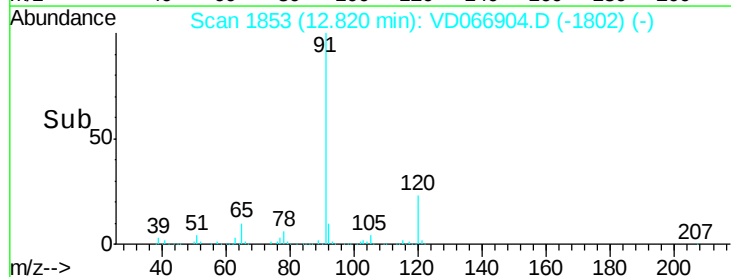
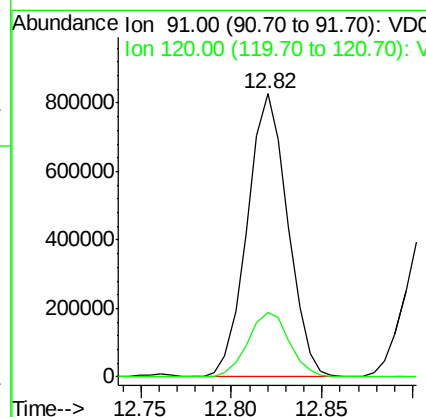
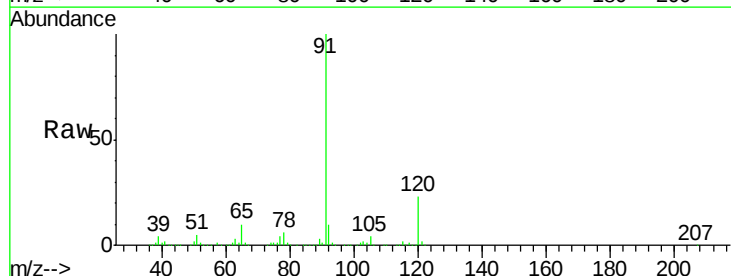
RT: 12.82 min Scan# 1853

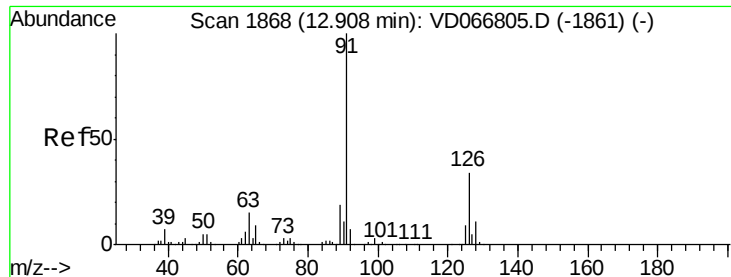
Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.4	34.2





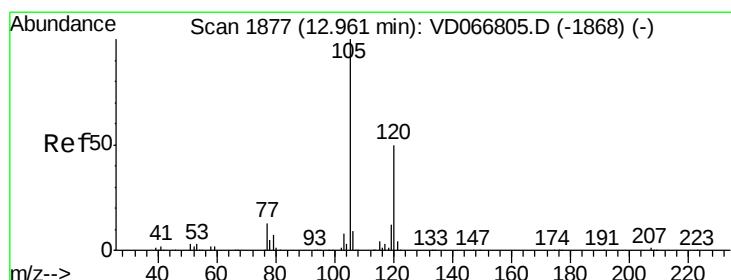
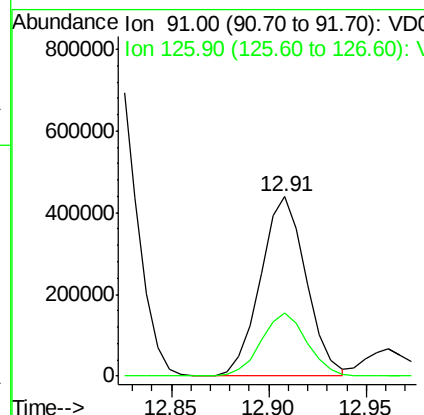
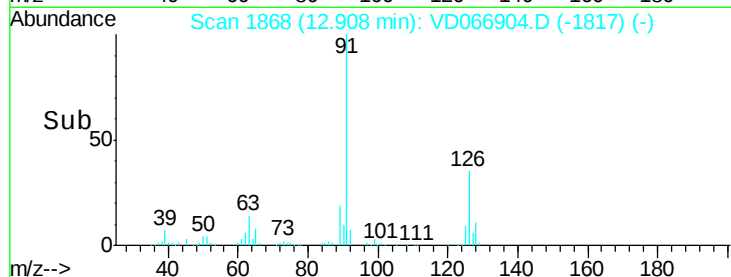
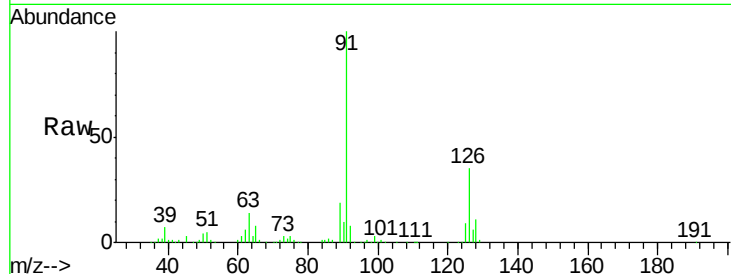
#79
 2-Chlorotoluene
 Concen: 49.672 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 709058
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.0 51.0

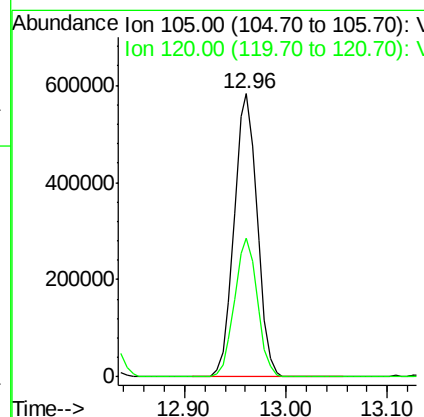
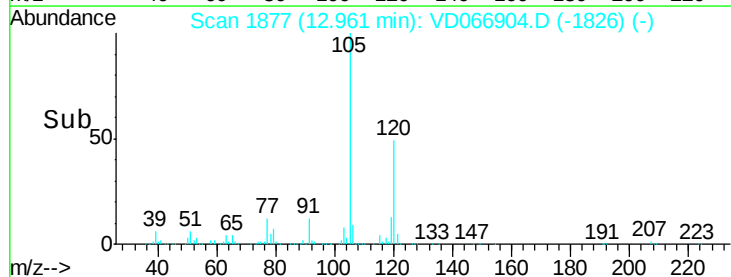
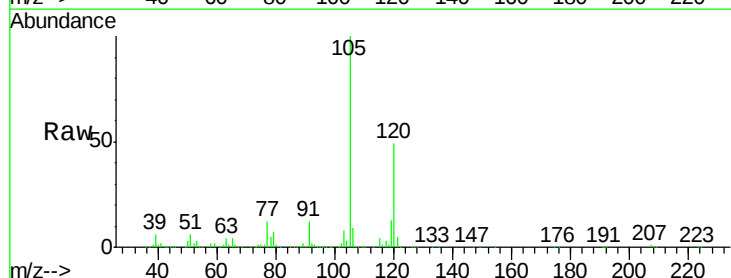
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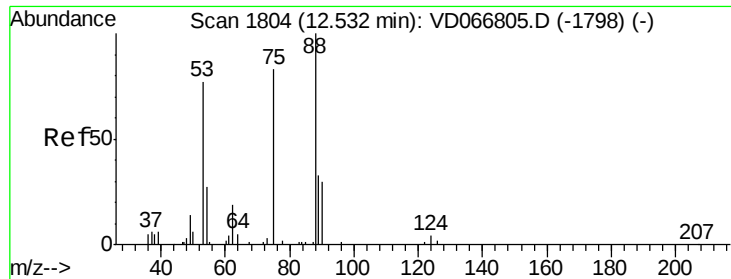
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.986 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion: 105 Resp: 918481
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.502 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

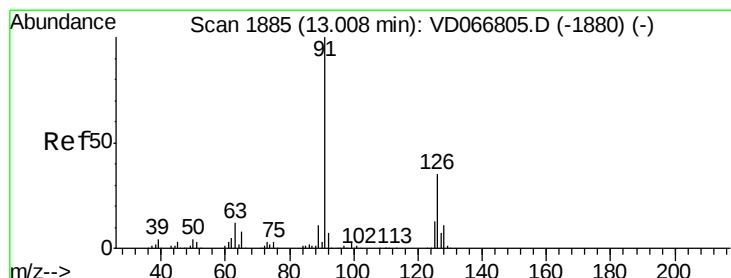
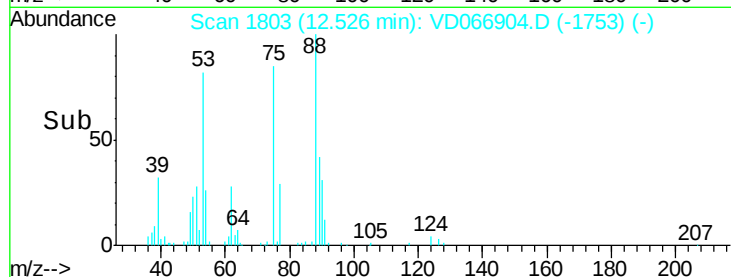
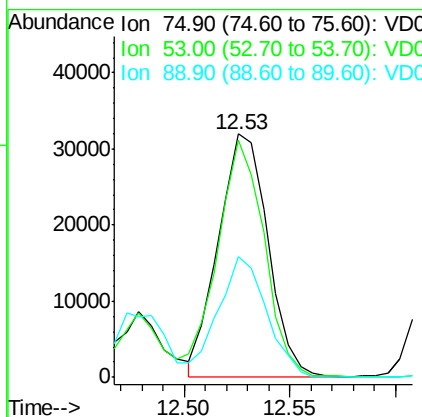
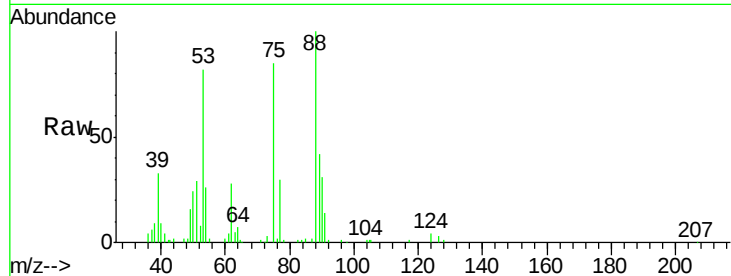
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	52035
Ion	Ratio	Lower	Upper
75	100		
53	92.7	78.5	117.7
89	48.3	38.1	57.1

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#82

4-Chlorotoluene

Concen: 50.004 ug/l

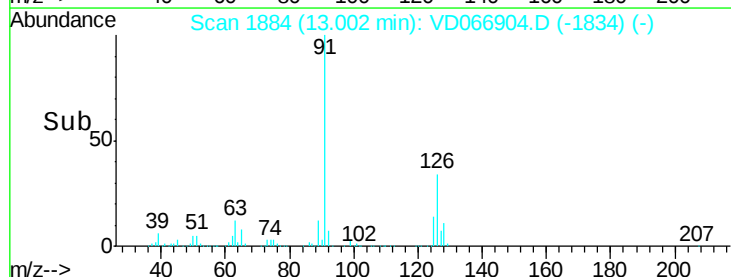
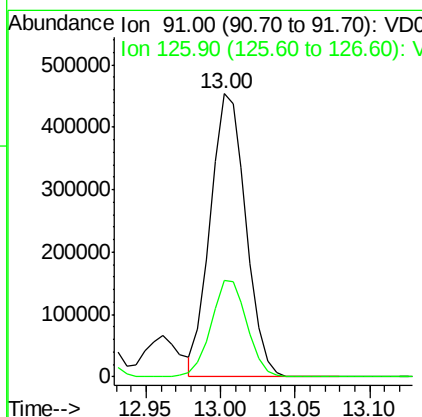
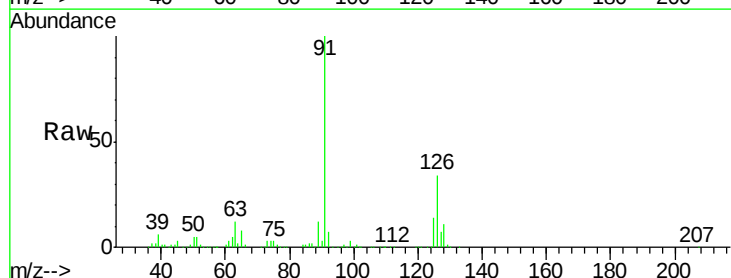
RT: 13.00 min Scan# 1884

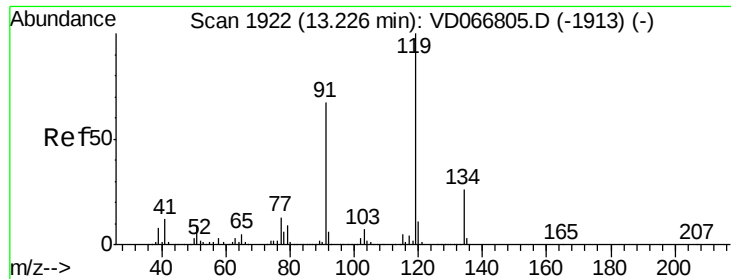
Delta R.T. -0.01 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Tgt Ion:	91	Resp:	752443
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.1	51.2





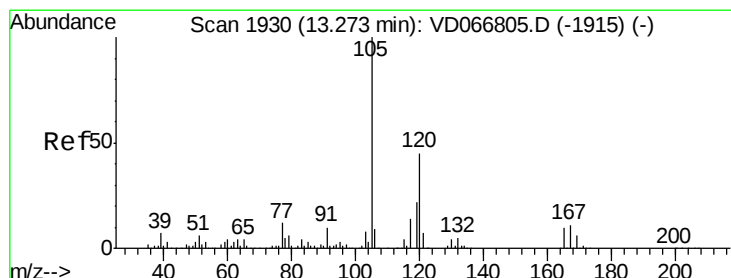
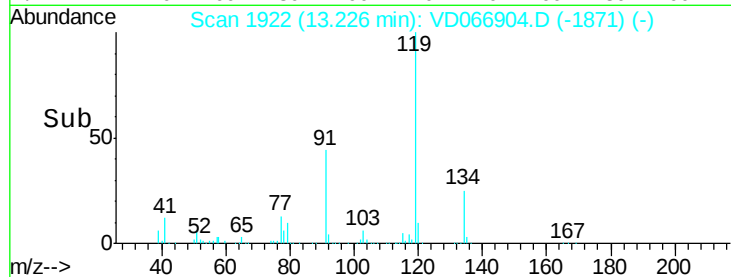
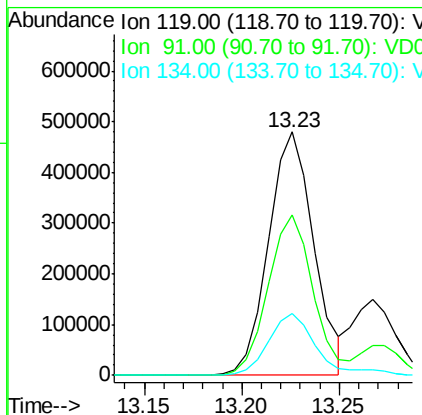
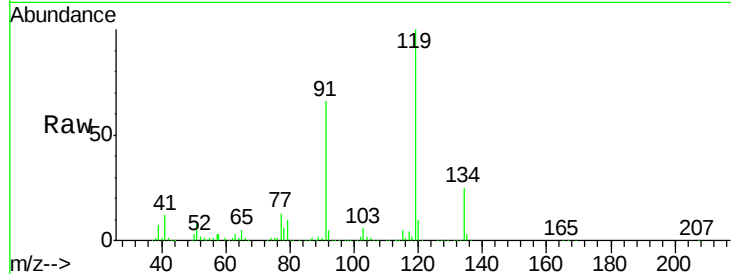
#83
tert-Butylbenzene
Concen: 53.133 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	771391		
91	65.9	33.6	100.8	
134	27.0	13.5	40.4	

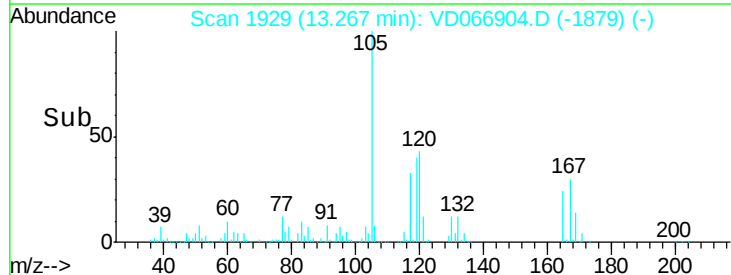
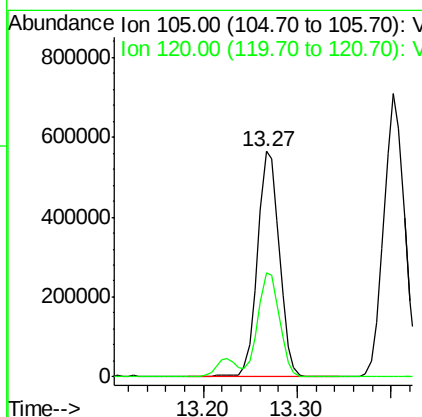
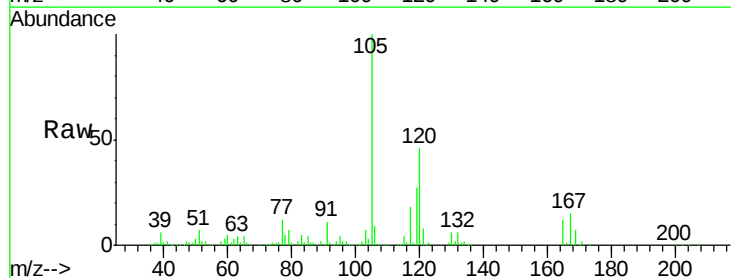
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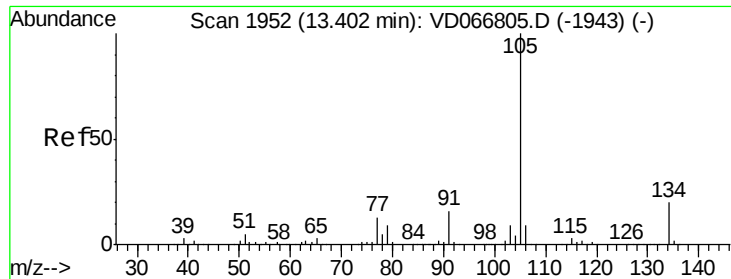
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#84
1,2,4-Trimethylbenzene
Concen: 51.966 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	910421		
120	45.4	22.3	66.9	





#85

sec-Butylbenzene

Concen: 52.034 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1086327

Ion Ratio Lower Upper

105 100

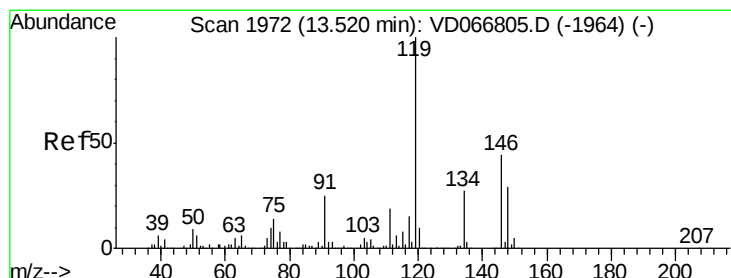
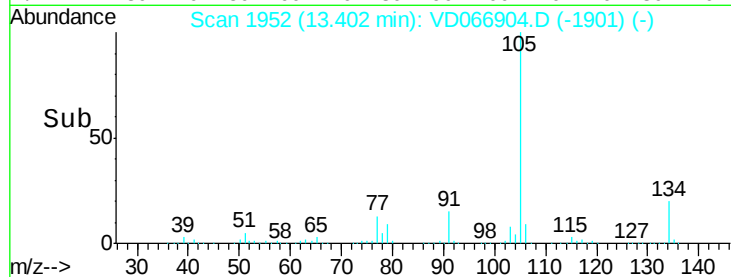
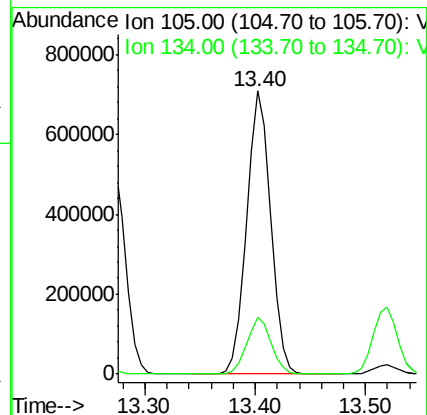
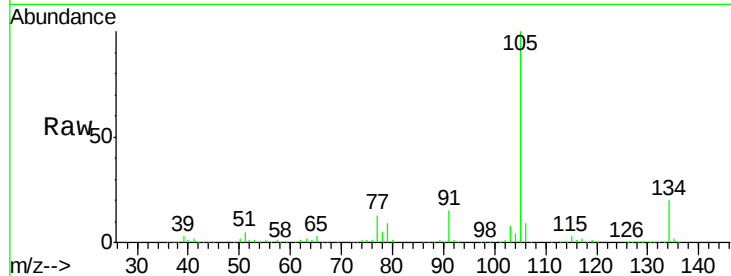
134 20.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 53.228 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066904.D

Acq: 28 Sep 2020 10:31

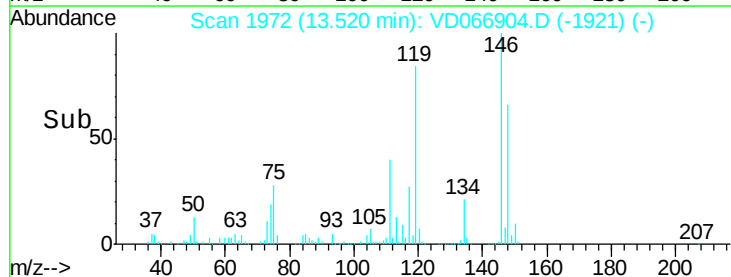
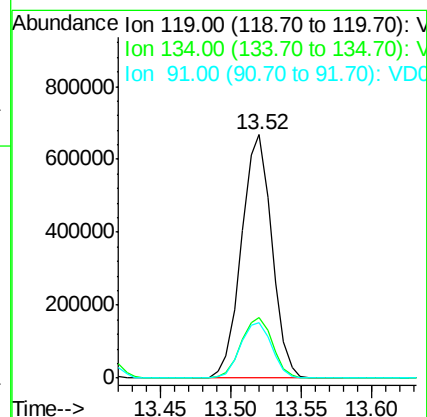
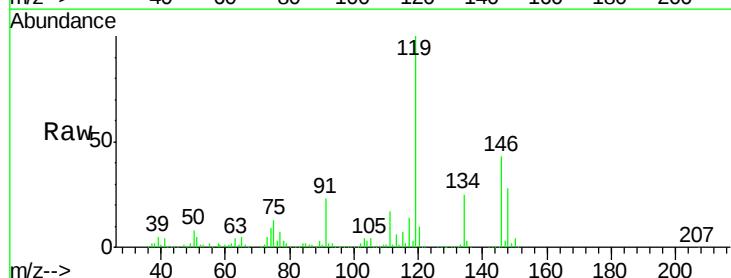
Tgt Ion:119 Resp: 1001668

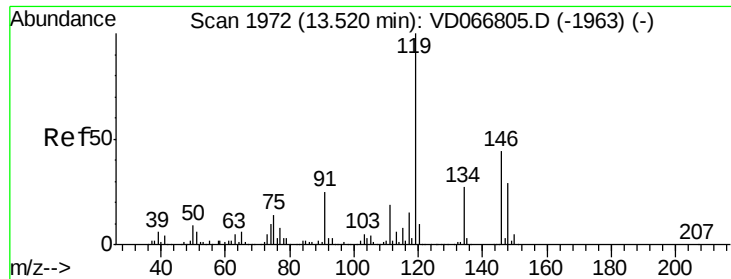
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.6 12.0 36.1





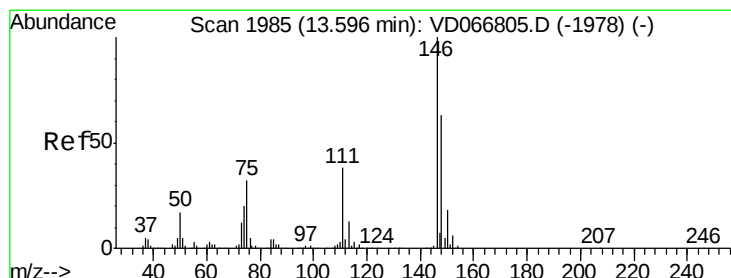
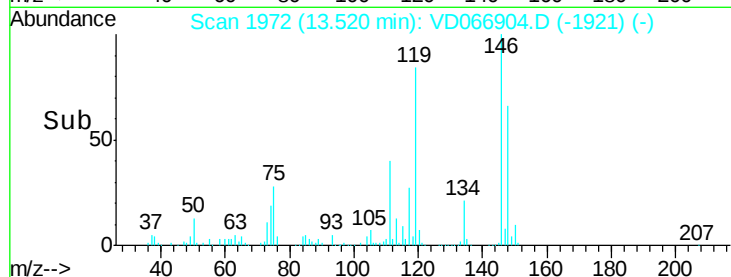
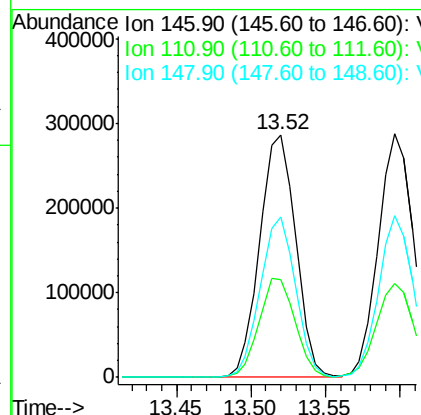
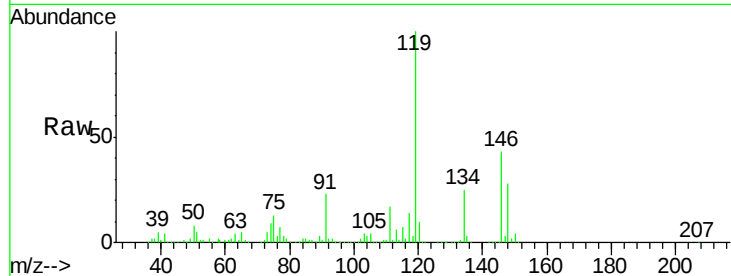
#87
 1,3-Dichlorobenzene
 Concen: 49.676 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	477934		
111	41.0	20.3	60.9	
148	65.0	31.9	95.5	

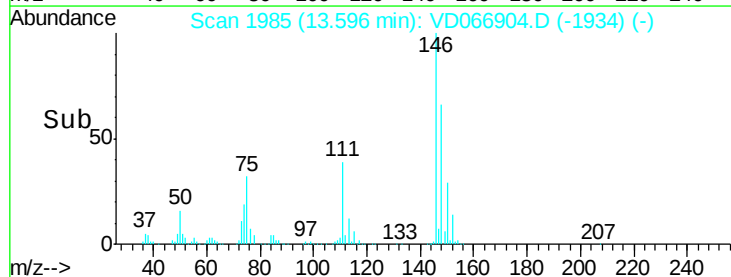
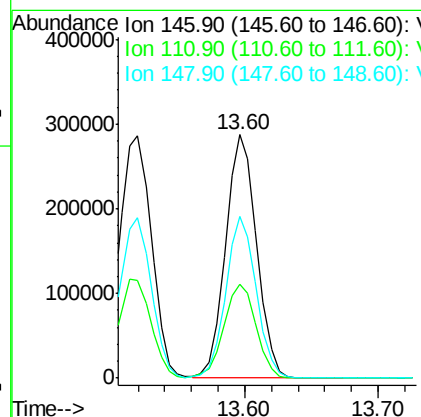
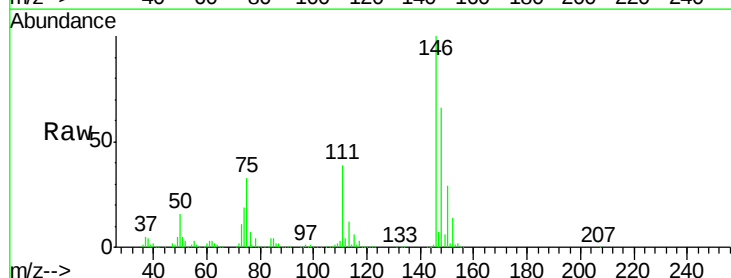
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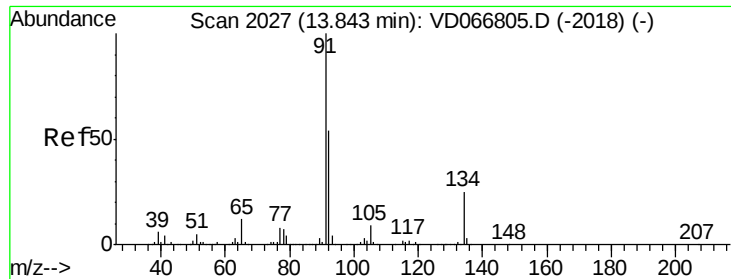
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#88
 1,4-Dichlorobenzene
 Concen: 48.991 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	468145		
111	40.3	20.2	60.5	
148	65.1	31.6	94.7	





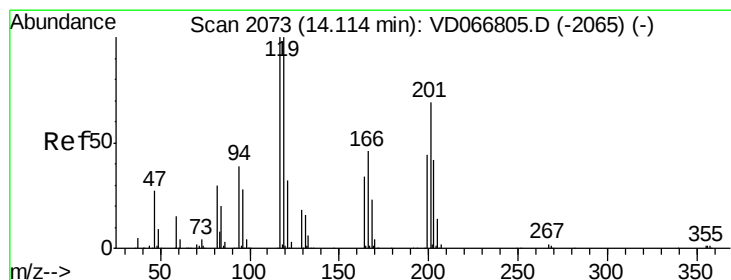
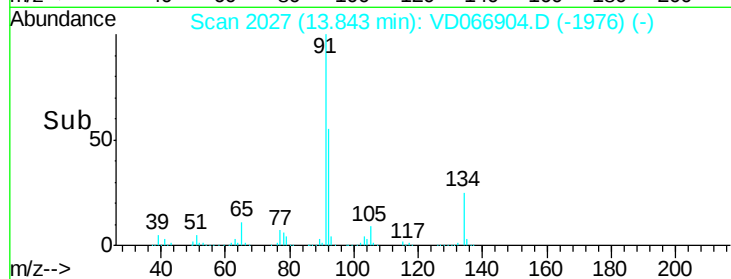
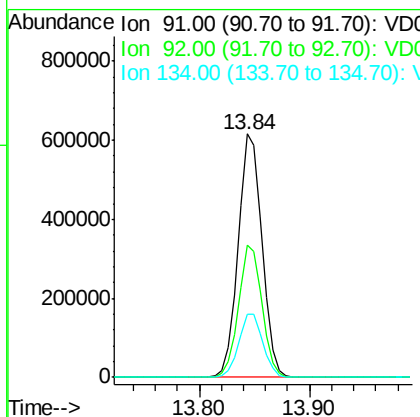
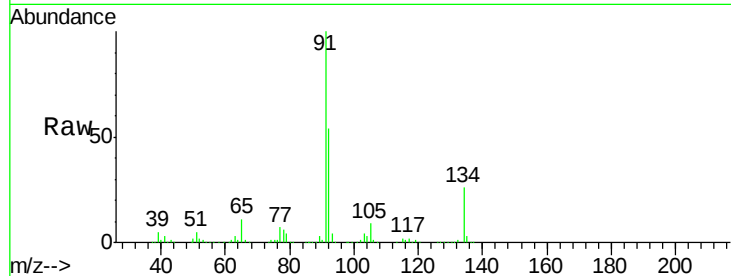
#89
n-Butylbenzene
Concen: 52.307 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.7	80.0	
134	26.1	13.1	39.1	

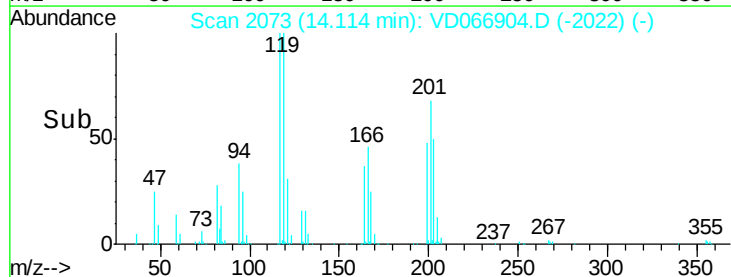
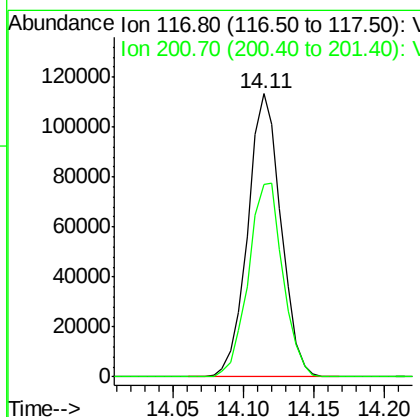
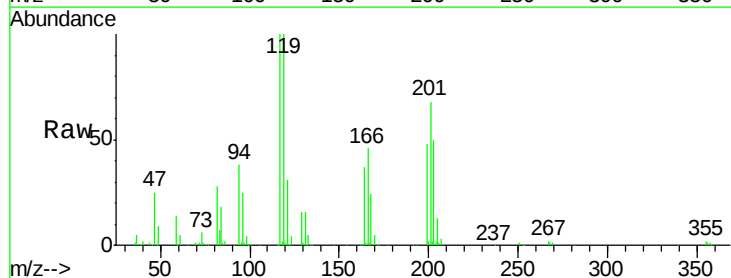
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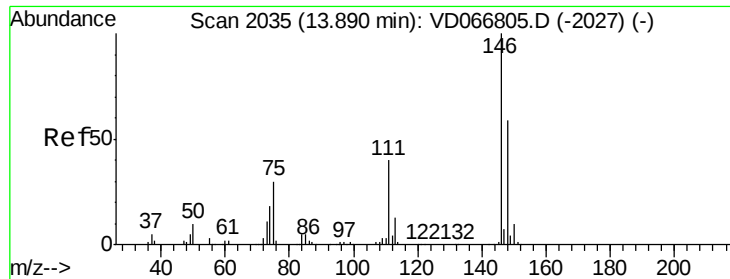
MMDadoda
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#90
Hexachloroethane
Concen: 49.070 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	71.0	33.7	101.0	





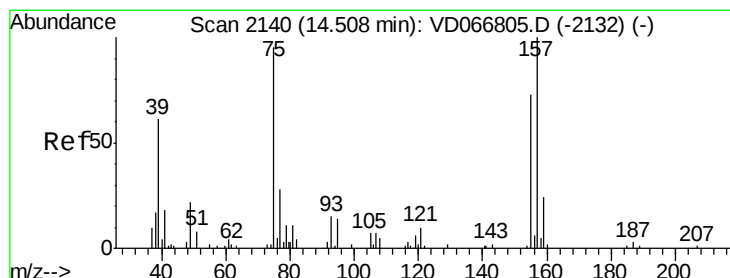
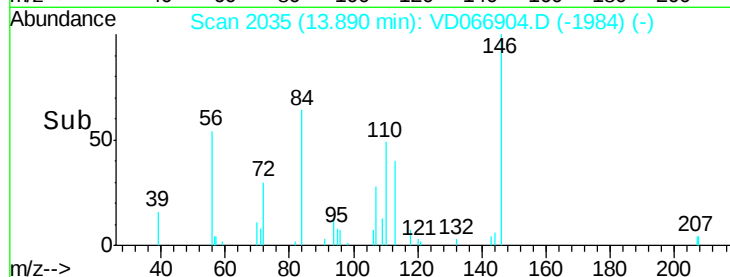
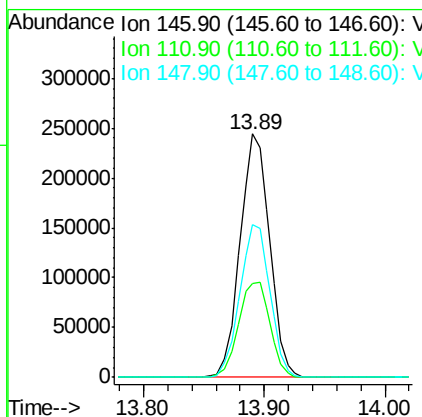
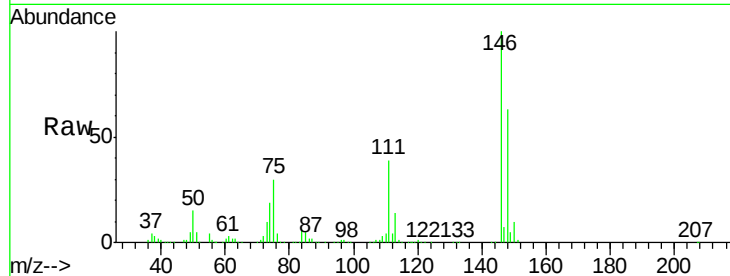
#91
 1,2-Dichlorobenzene
 Concen: 50.577 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.7
148	64.1	31.8	95.3

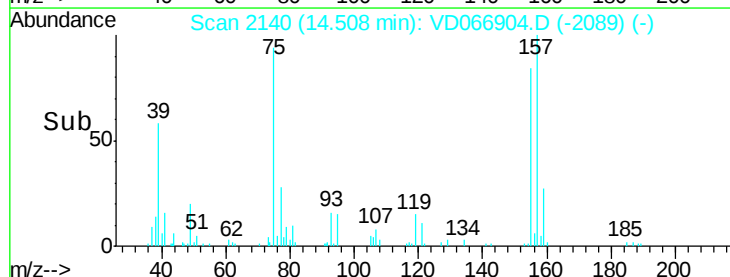
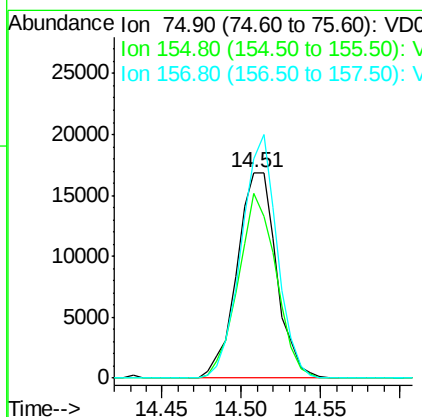
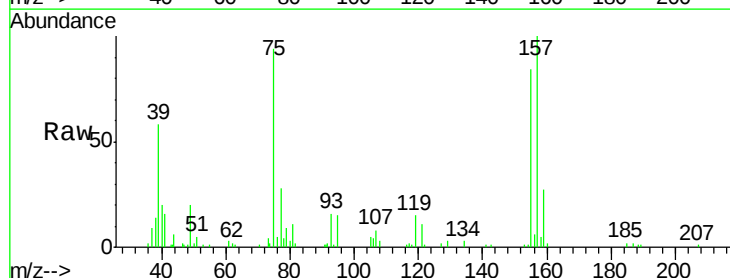
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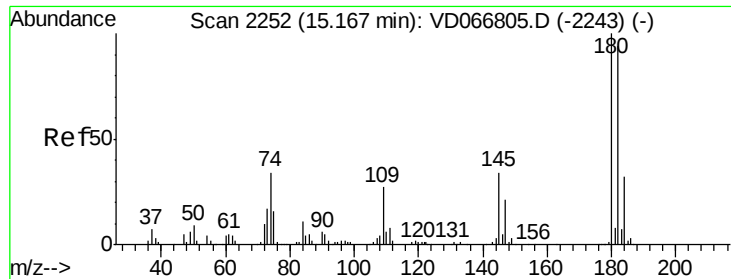
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.491 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	40.4	121.2
157	107.2	51.3	153.9





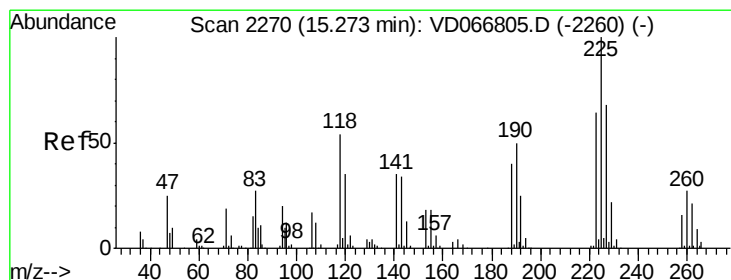
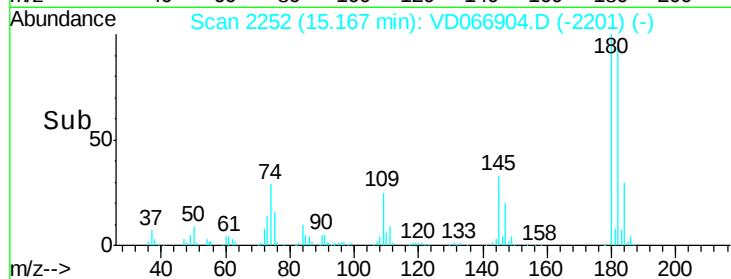
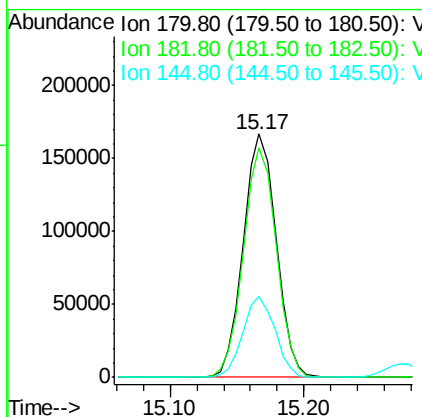
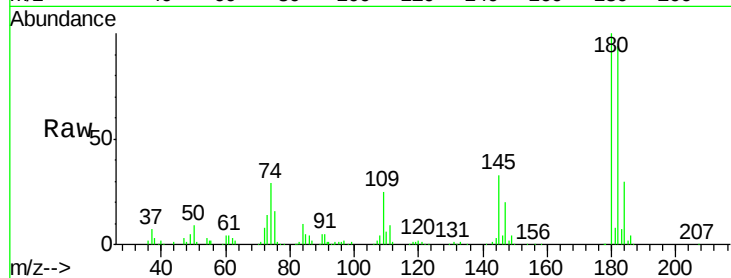
#93
 1,2,4-Trichlorobenzene
 Concen: 54.765 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	283774		
182	94.5	48.8	146.3	
145	32.7	16.7	50.0	

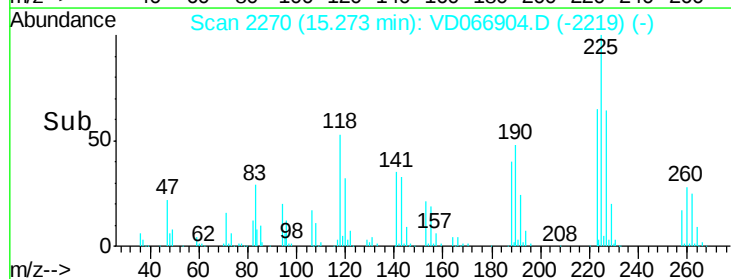
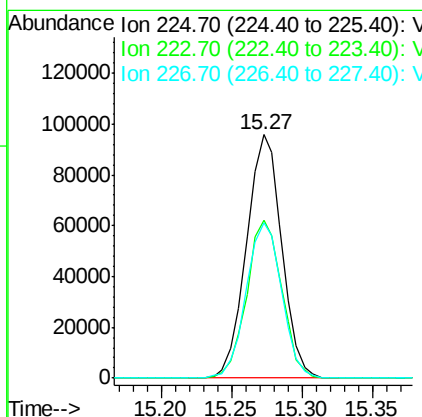
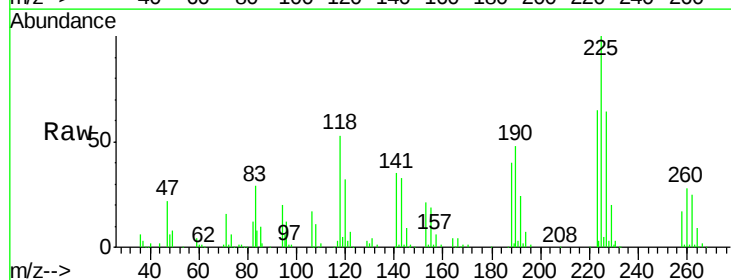
Manual Integrations
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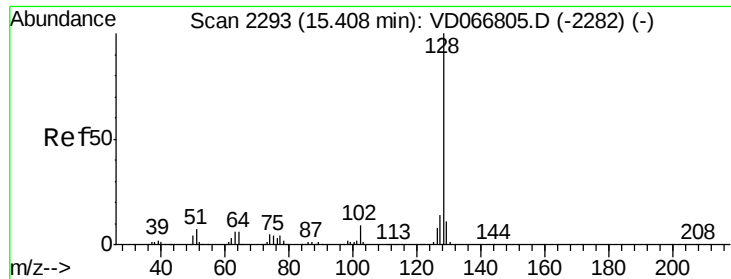
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#94
 Hexachlorobutadiene
 Concen: 53.998 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066904.D
 Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167668		
223	64.8	31.1	93.3	
227	64.5	31.7	95.1	





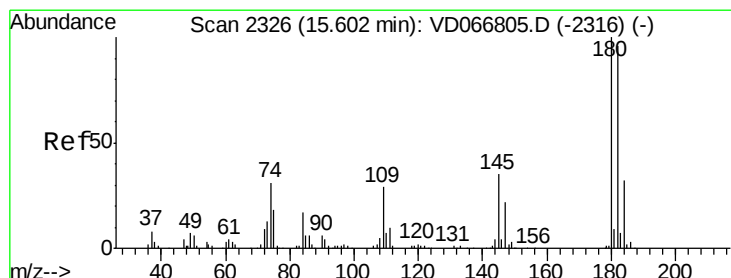
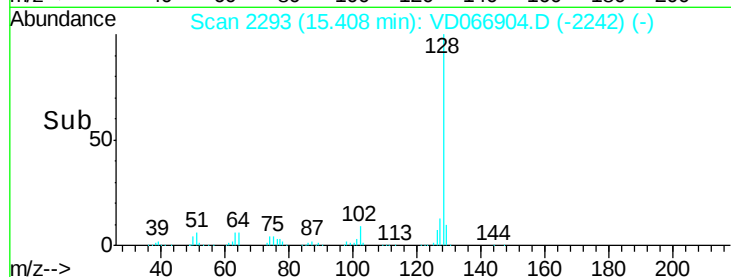
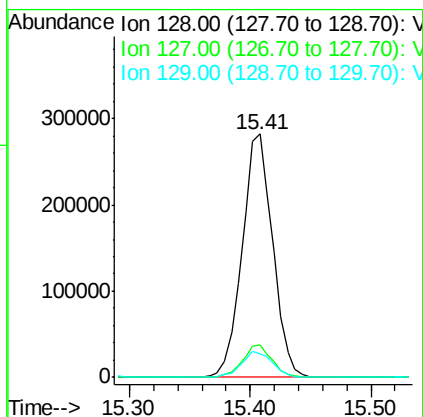
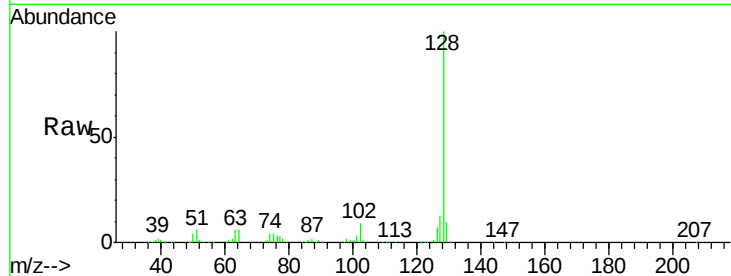
#95
Naphthalene
Concen: 56.551 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.425 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066904.D
Acq: 28 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.3
145	33.7	17.0	51.0

