

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066864.D
 Acq On : 25 Sep 2020 10:36
 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 11:45:13 AM

Quant Time: Sep 26 03:08:38 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	414185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	623544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	576395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	191975	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	7.91	113	201193	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.34	98	720863	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.63	95	249773	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144159	49.904	ug/l	91
3) Chloromethane	2.21	50	166360	43.716	ug/l	100
4) Vinyl Chloride	2.35	62	177144	47.118	ug/l	99
5) Bromomethane	2.77	94	126594	47.907	ug/l	95
6) Chloroethane	2.93	64	106228	45.500	ug/l	90
7) Trichlorofluoromethane	3.27	101	360794	46.728	ug/l	99
8) Diethyl Ether	3.71	74	93300	47.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	212798	47.529	ug/l	100
10) Methyl Iodide	4.30	142	179787	45.506	ug/l	97
11) Tert butyl alcohol	5.22	59	55520	221.196	ug/l	97
12) 1,1-Dichloroethene	4.07	96	193160	47.626	ug/l	96
13) Acrolein	3.93	56	84424	282.304	ug/l	96
14) Allyl chloride	4.71	41	283655	47.629	ug/l	98
15) Acrylonitrile	5.42	53	208717	240.270	ug/l	98
16) Acetone	4.16	43	223759	260.195	ug/l	98
17) Carbon Disulfide	4.41	76	571705	46.107	ug/l	97
18) Methyl Acetate	4.71	43	96278	50.190	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	437029	49.618	ug/l	99
20) Methylene Chloride	4.97	84	229554	49.389	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	230230	49.025	ug/l	99
22) Diisopropyl ether	6.36	45	609600	49.783	ug/l	98
23) Vinyl Acetate	6.31	43	1603385	241.267	ug/l	100
24) 1,1-Dichloroethane	6.26	63	381560	46.578	ug/l	99
25) 2-Butanone	7.21	43	249343	241.273	ug/l	100
26) 2,2-Dichloropropane	7.21	77	348891	46.467	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	250701	49.133	ug/l	99
28) Bromochloromethane	7.54	49	168755	49.864	ug/l #	97
29) Tetrahydrofuran	7.56	42	168313	254.179	ug/l	99
30) Chloroform	7.71	83	417540	47.285	ug/l	97
31) Cyclohexane	7.98	56	338074	45.866	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	394353	49.368	ug/l	99
36) 1,1-Dichloropropene	8.11	75	320490	51.808	ug/l	99
37) Ethyl Acetate	7.28	43	119510	53.441	ug/l	96
38) Carbon Tetrachloride	8.10	117	352218	52.079	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	380814	53.617	ug/l	98
40) Benzene	8.35	78	892302	51.756	ug/l	99
41) Methacrylonitrile	7.54	41	72623m	52.807	ug/l	
42) 1,2-Dichloroethane	8.42	62	257925	50.606	ug/l	100
43) Isopropyl Acetate	8.45	43	219069	50.810	ug/l	99
44) Trichloroethene	9.11	130	252679	51.419	ug/l	96
45) 1,2-Dichloropropane	9.38	63	221916	51.160	ug/l	96
46) Dibromomethane	9.47	93	123377	52.350	ug/l	97
47) Bromodichloromethane	9.66	83	330077	52.136	ug/l #	99
48) Methyl methacrylate	9.45	41	118437	55.715	ug/l	94
49) 1,4-Dioxane	9.46	88	31994	1219.884	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	590225	270.168	ug/l	99
52) Toluene	10.40	92	592206	53.327	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	288398	53.520	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	351031	53.425	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	169448	52.300	ug/l	96
56) Ethyl methacrylate	10.66	69	190980	55.024	ug/l	98
57) 1,3-Dichloropropane	10.94	76	286964	53.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	400312	243.584	ug/l	99
59) 2-Hexanone	10.98	43	418805	284.268	ug/l	96
60) Dibromochloromethane	11.14	129	223910	52.952	ug/l	99
61) 1,2-Dibromoethane	11.24	107	162256	53.843	ug/l	99
64) Tetrachloroethene	10.87	164	220945	53.290	ug/l	99
65) Chlorobenzene	11.67	112	617866	51.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	235624	51.888	ug/l	98
67) Ethyl Benzene	11.74	91	1131388	53.691	ug/l	100
68) m/p-Xylenes	11.85	106	880670	110.384	ug/l	98
69) o-Xylene	12.18	106	387832	53.760	ug/l	100
70) Styrene	12.19	104	690151	55.087	ug/l	99
71) Bromoform	12.36	173	123280	53.620	ug/l #	100
73) Isopropylbenzene	12.48	105	1079549	53.796	ug/l	98
74) N-amyl acetate	12.29	43	203932	52.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	177902	51.376	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	135816m	58.996	ug/l	
77) Bromobenzene	12.76	156	243237	51.826	ug/l	99
78) n-propylbenzene	12.82	91	1303548	53.994	ug/l	99
79) 2-Chlorotoluene	12.91	91	715726	52.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	925085	54.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49650	53.959	ug/l	96
82) 4-Chlorotoluene	13.01	91	762276	52.562	ug/l	100
83) tert-Butylbenzene	13.23	119	763985	54.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	918639	54.406	ug/l	99
85) sec-Butylbenzene	13.40	105	1095716	54.458	ug/l	98
86) p-Isopropyltoluene	13.52	119	1018306	56.147	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	485764	52.388	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	473080	51.369	ug/l	98
89) n-Butylbenzene	13.84	91	940242	54.543	ug/l	100
90) Hexachloroethane	14.11	117	189479	51.460	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	413577	52.134	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28068	50.388	ug/l	95

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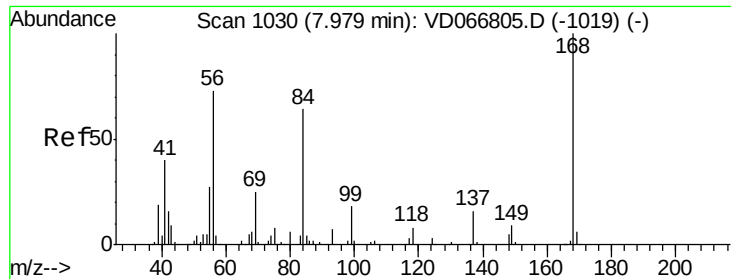
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	268256	53.717	ug/l	98
94) Hexachlorobutadiene	15.27	225	160191	53.530	ug/l	98
95) Naphthalene	15.41	128	471329	55.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	234186	54.332	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: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 414185

Ion Ratio Lower Upper

168 100

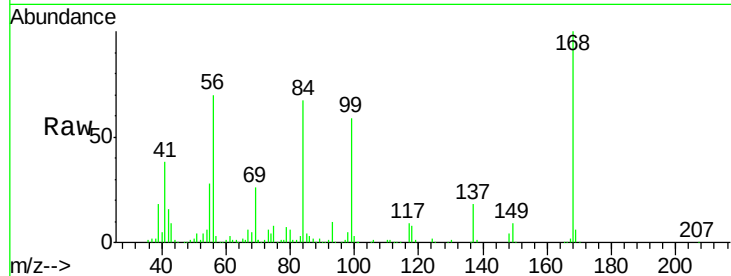
99 58.2 46.6 69.8

Manual Integrations

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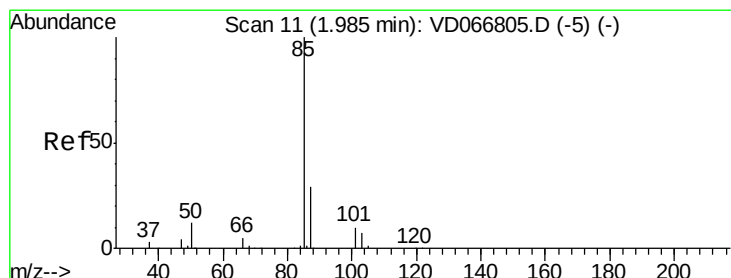
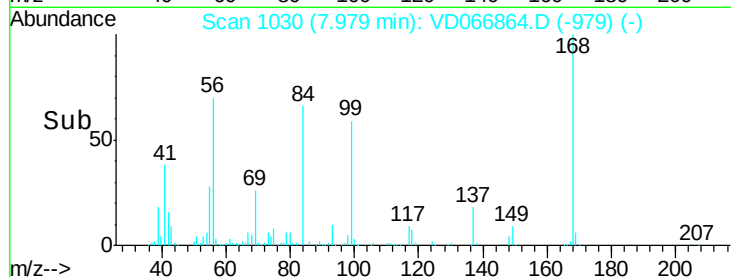
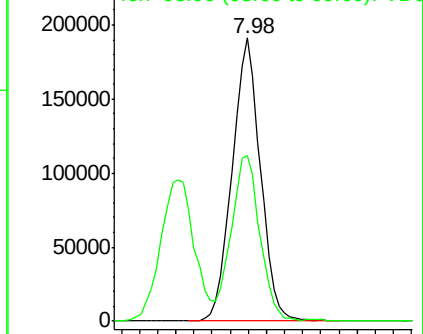
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.904 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066864.D

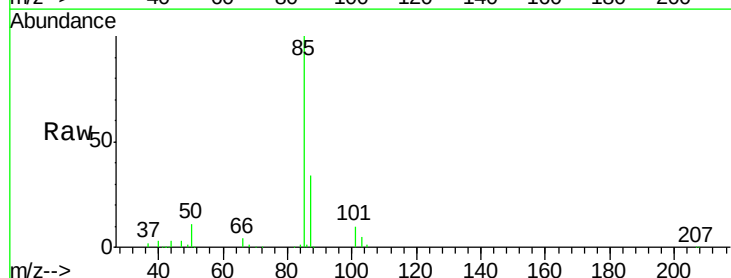
Acq: 25 Sep 2020 10:36

Tgt Ion: 85 Resp: 144159

Ion Ratio Lower Upper

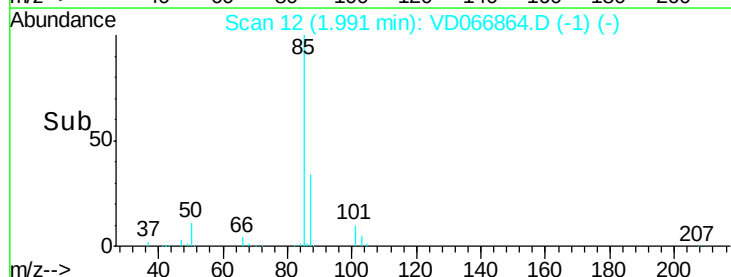
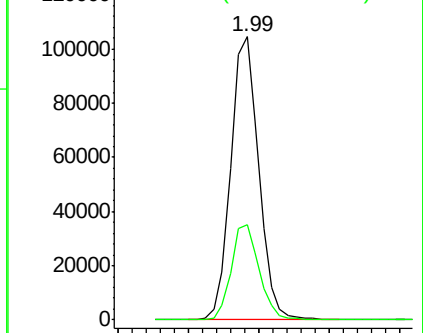
85 100

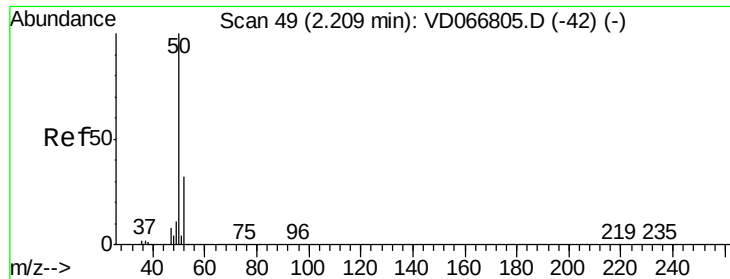
87 33.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.716 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 166360

Ion Ratio Lower Upper

50 100

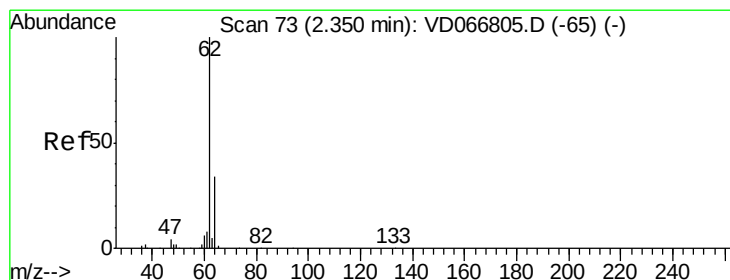
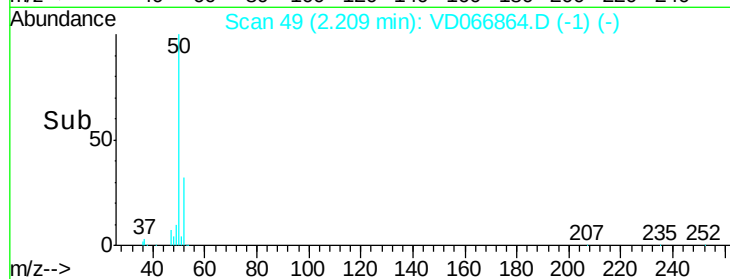
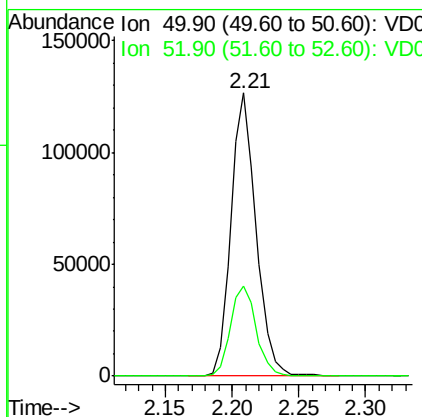
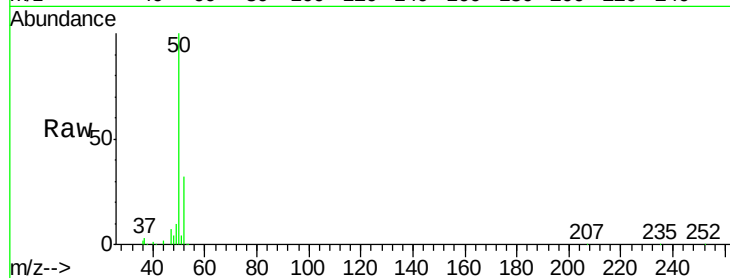
52 32.0 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.118 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066864.D

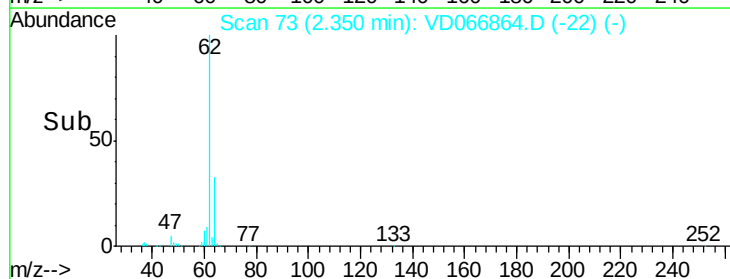
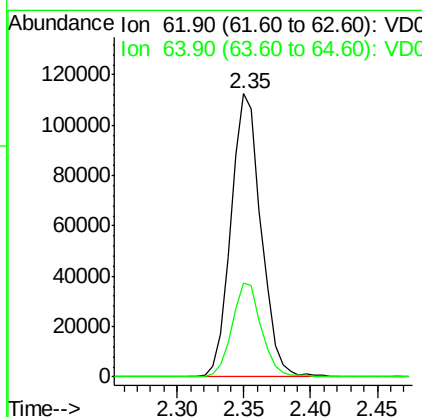
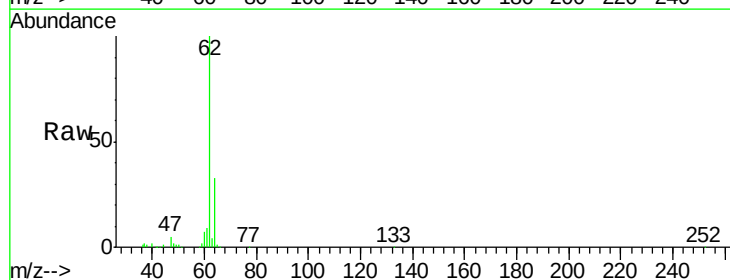
Acq: 25 Sep 2020 10:36

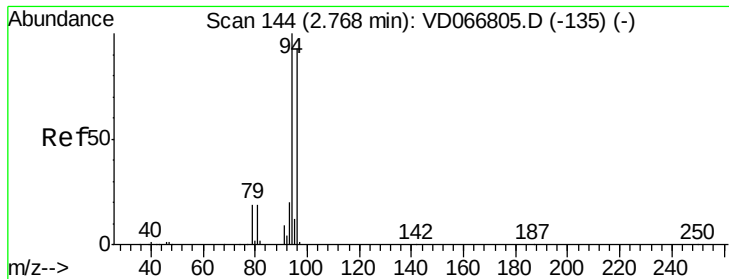
Tgt Ion: 62 Resp: 177144

Ion Ratio Lower Upper

62 100

64 33.1 27.0 40.4





#5

Bromomethane

Concen: 47.907 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 126594

Ion Ratio Lower Upper

94 100

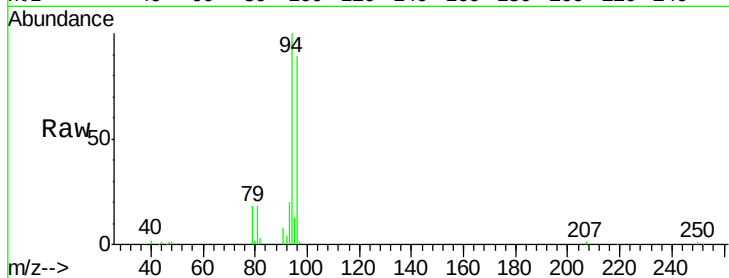
96 88.5 74.3 111.5

Manual Integrations

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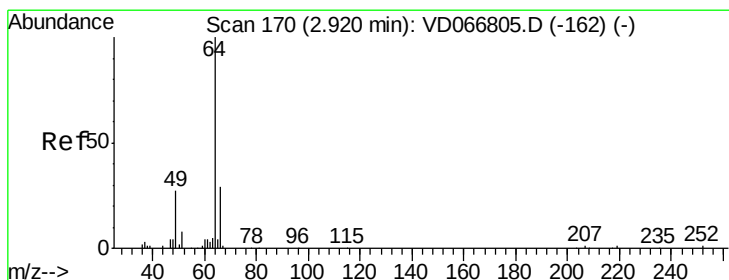
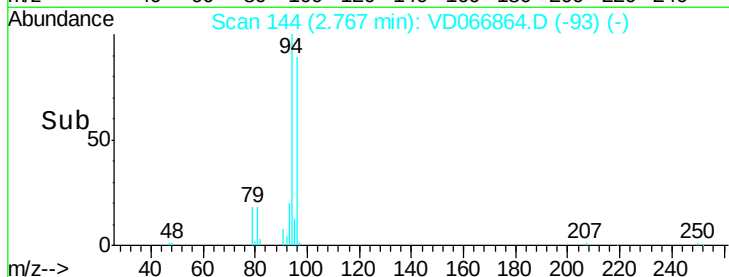
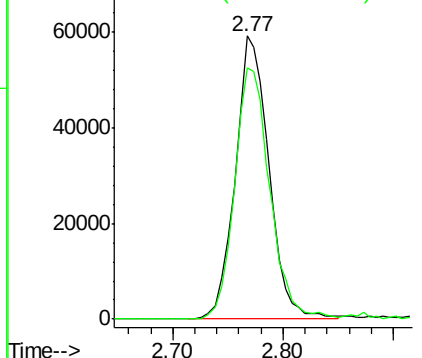
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.500 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066864.D

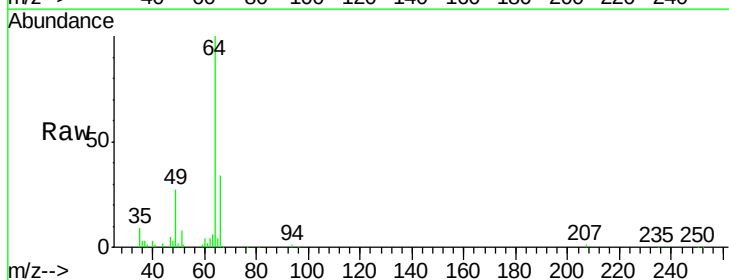
Acq: 25 Sep 2020 10:36

Tgt Ion: 64 Resp: 106228

Ion Ratio Lower Upper

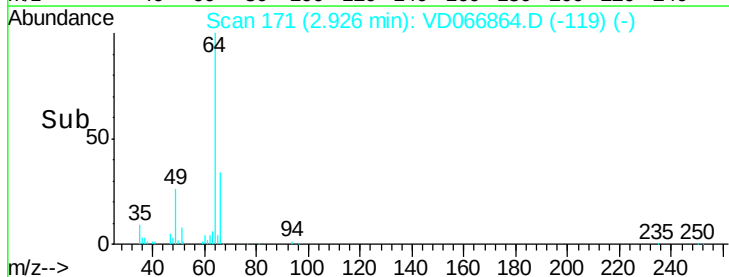
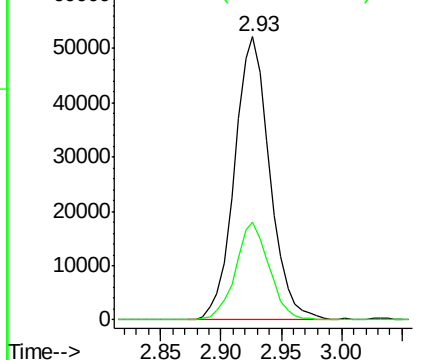
64 100

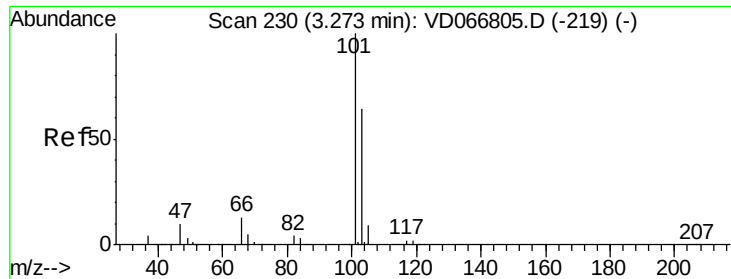
66 34.5 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

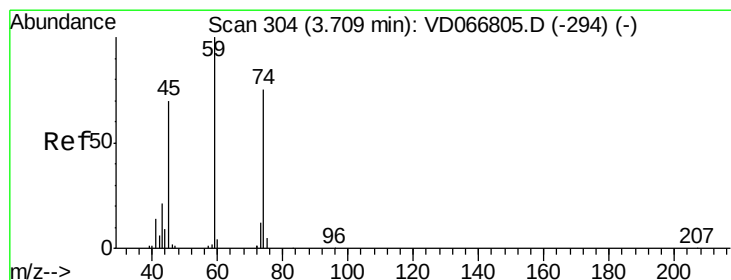
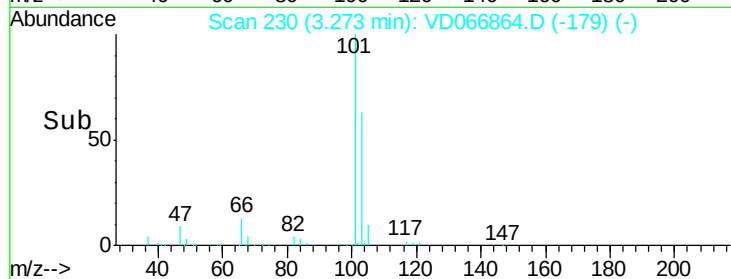
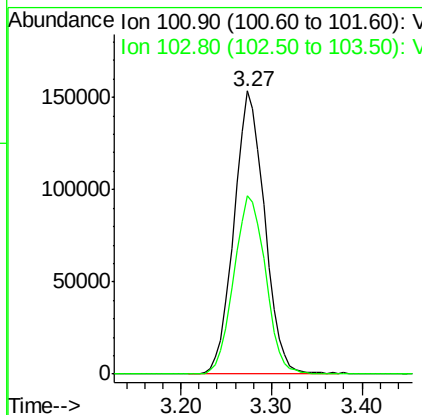
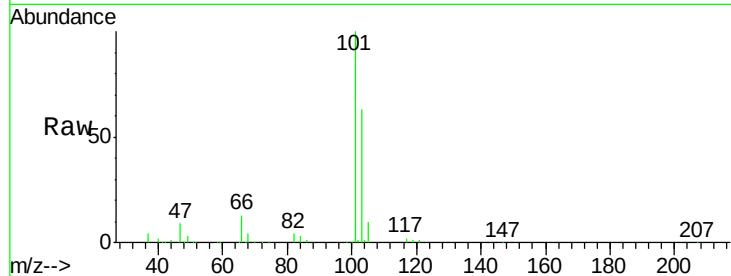
Trichlorofluoromethane
 Concen: 46.728 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

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 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	360794		
103	62.9	51.0	76.6	

Manual Integrations
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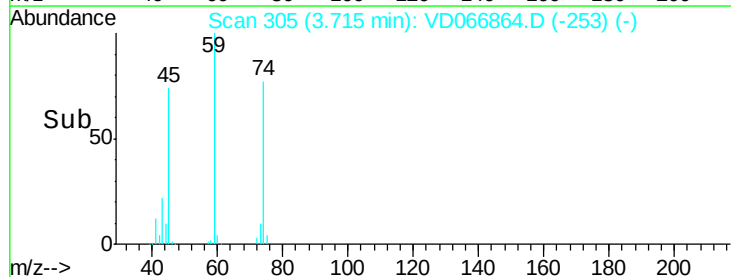
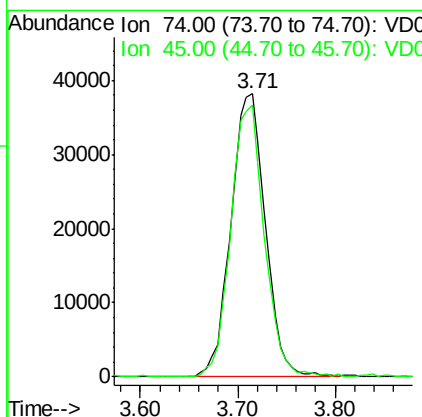
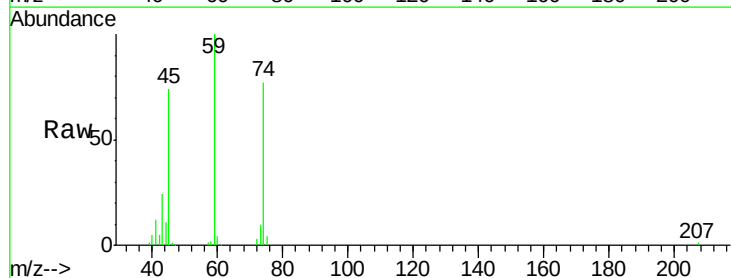
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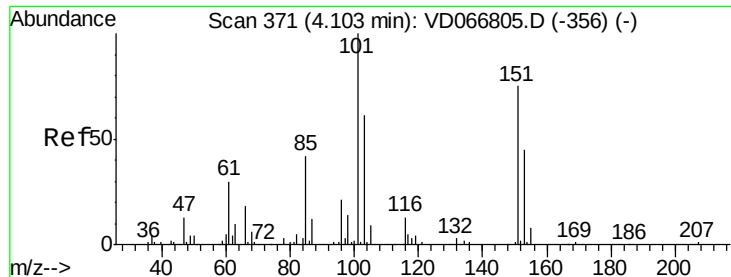


#8

Diethyl Ether
 Concen: 47.598 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93300		
45	94.2	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.529 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

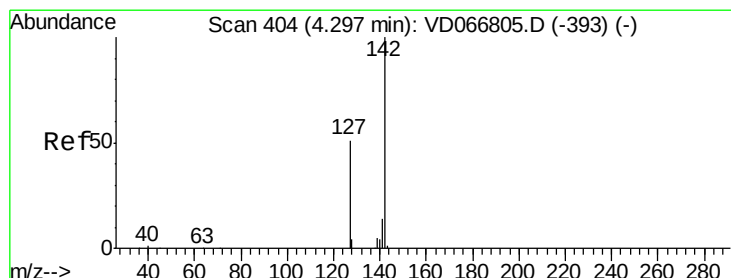
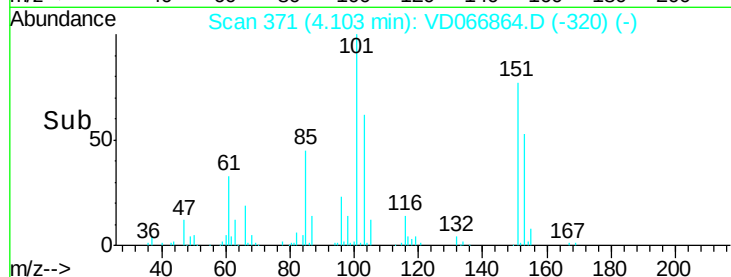
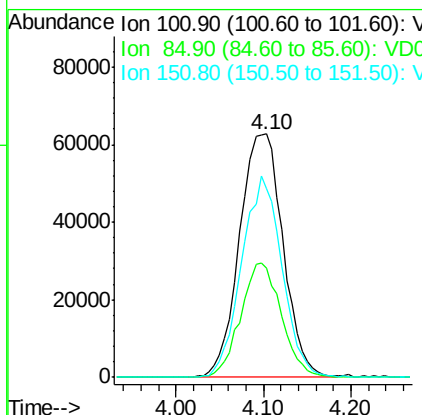
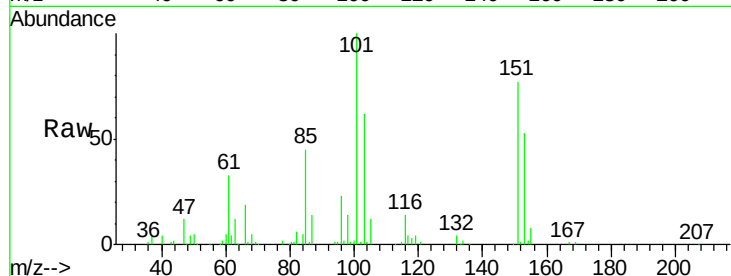
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	212798
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.4	53.2
151	76.8	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.506 ug/l

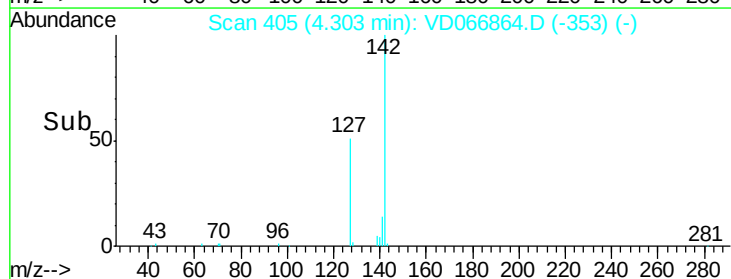
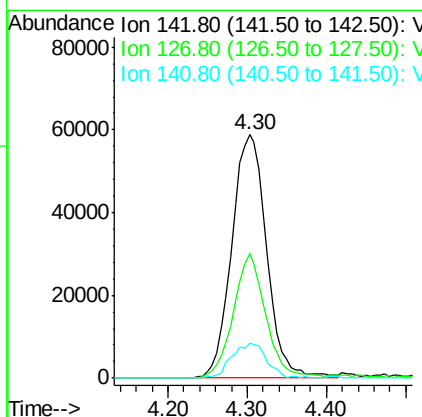
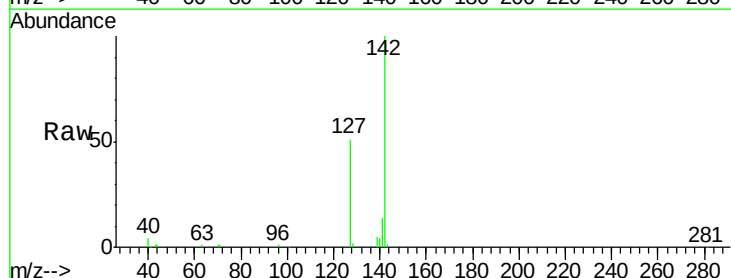
RT: 4.30 min Scan# 405

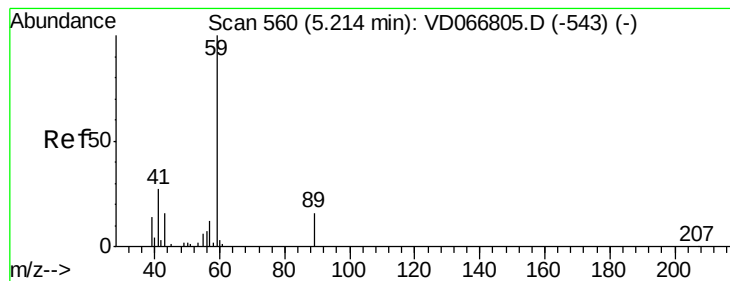
Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	142	Resp:	179787
Ion Ratio	Lower	Upper	
142	100		
127	47.4	39.4	59.0
141	14.1	12.1	18.1





#11

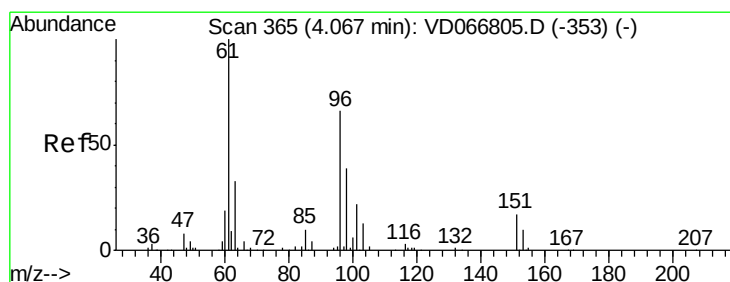
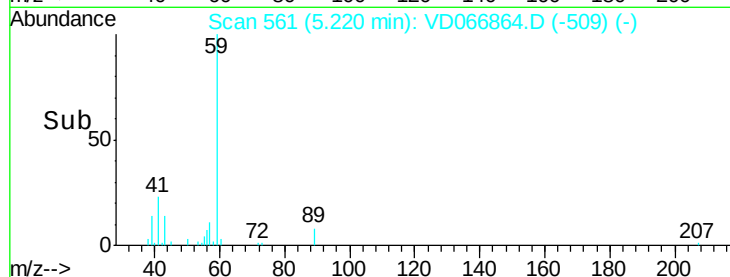
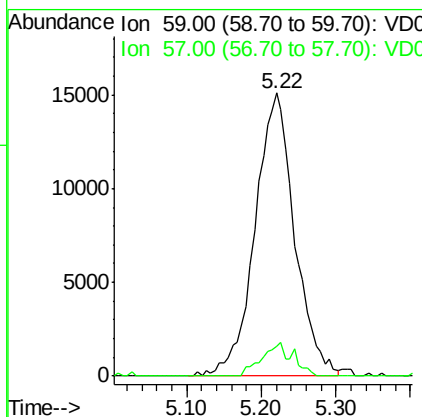
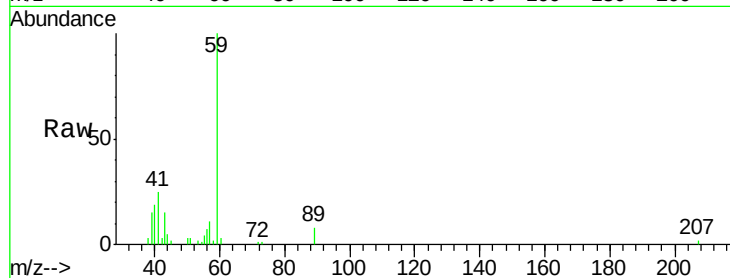
Tert butyl alcohol
Concen: 221.196 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	55520		
57	9.3		8.3	12.5

Manual Integrations
APPROVED

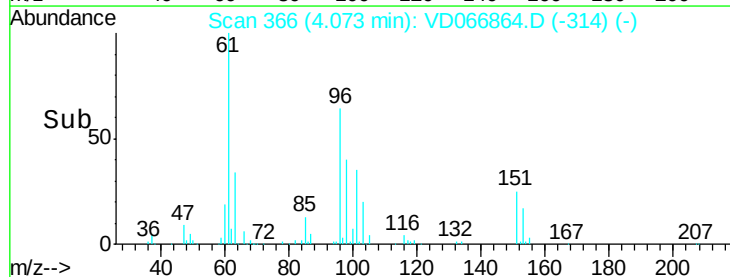
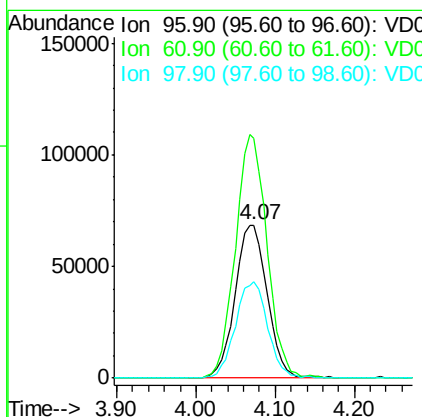
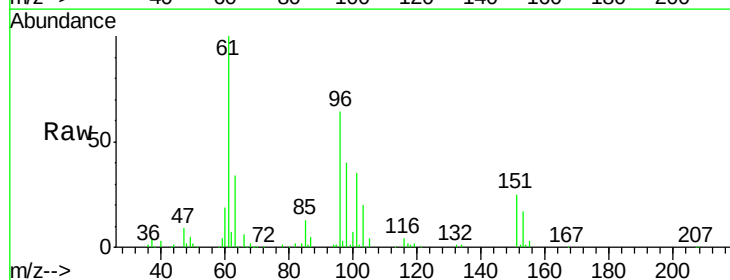
MMDadoda
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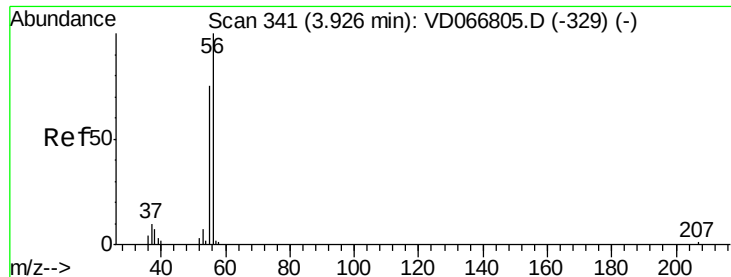


#12

1,1-Dichloroethene
Concen: 47.626 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	193160		
61	156.6		120.8	181.2
98	62.7		47.7	71.5





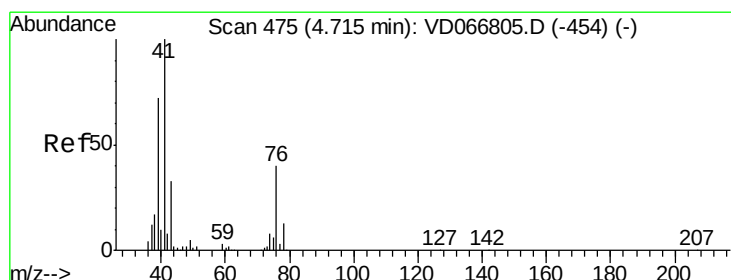
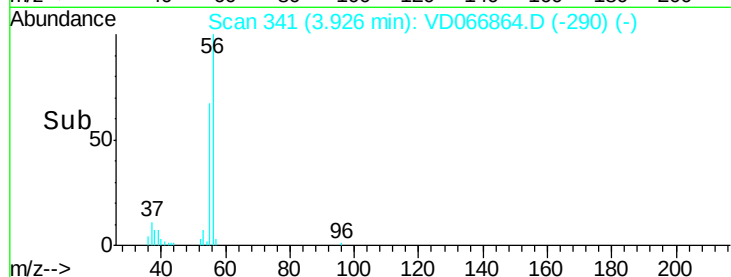
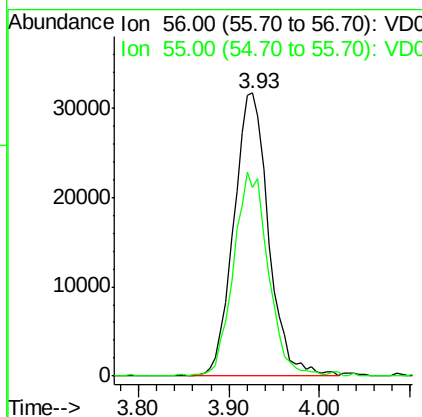
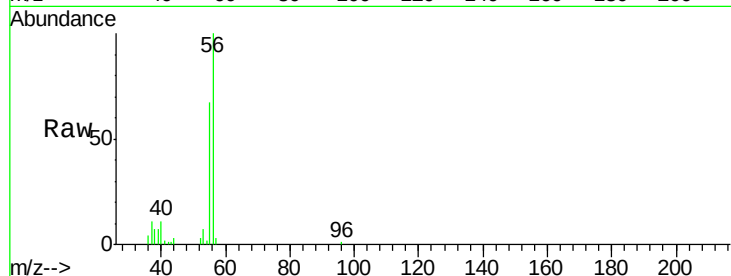
#13
Acrolein
Concen: 282.304 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	84424
Ion Ratio	100	Lower	Upper
55	71.6	60.3	90.5

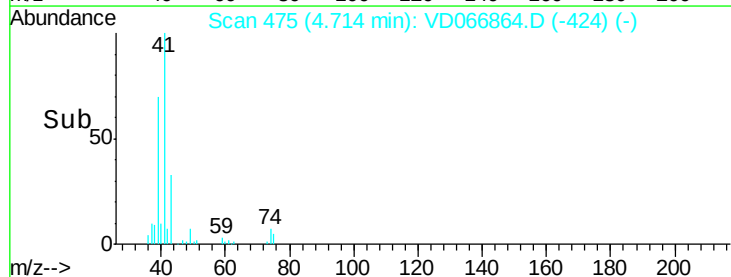
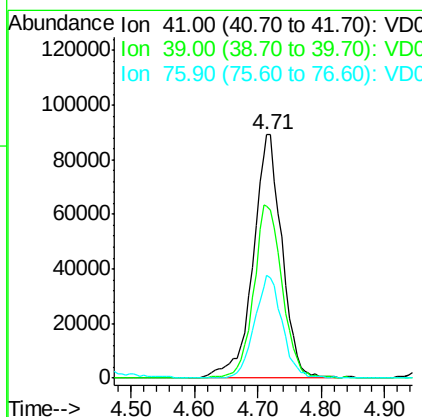
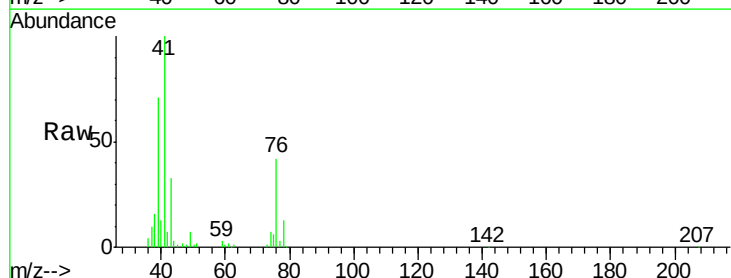
Manual Integrations
APPROVED

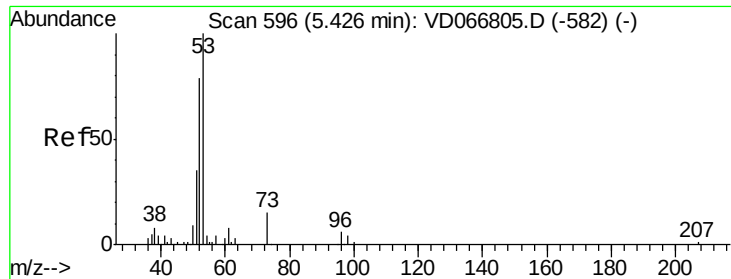
MMDadoda
9/29/2020 11:45:13 AM



#14
Allyl chloride
Concen: 47.629 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	41	Resp	283655
Ion Ratio	100	Lower	Upper
39	70.5	57.8	86.8
76	39.8	30.9	46.3





#15

Acrylonitrile

Concen: 240.270 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

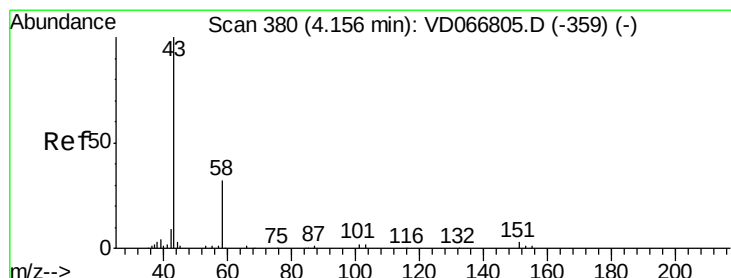
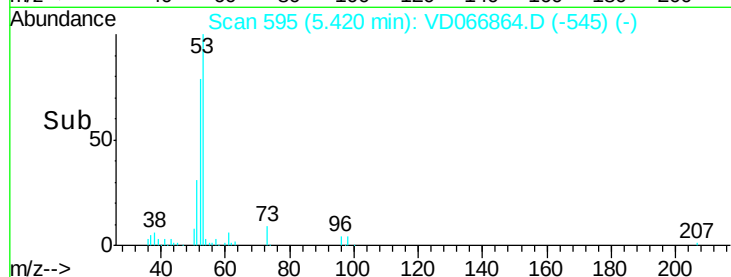
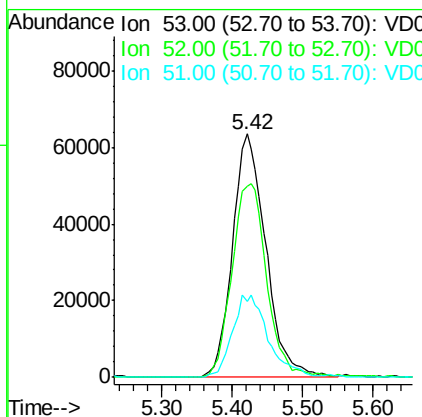
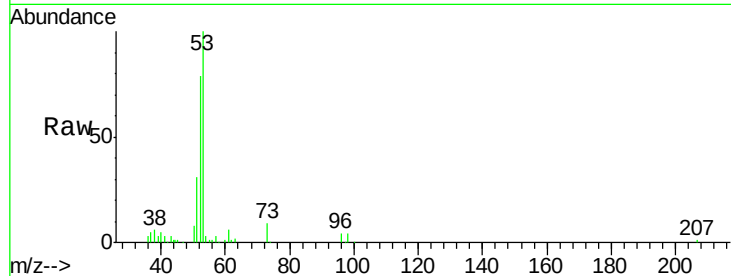
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	208717
Ion Ratio		Lower	Upper
53	100		
52	82.7	65.2	97.8
51	36.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 260.195 ug/l

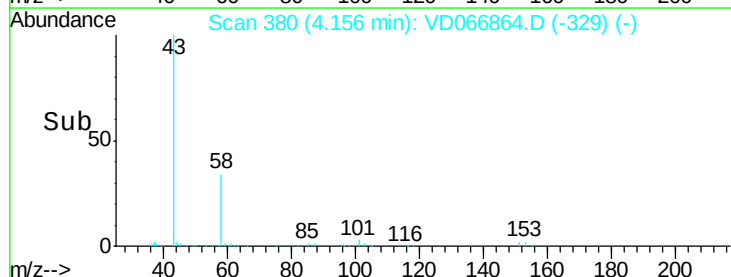
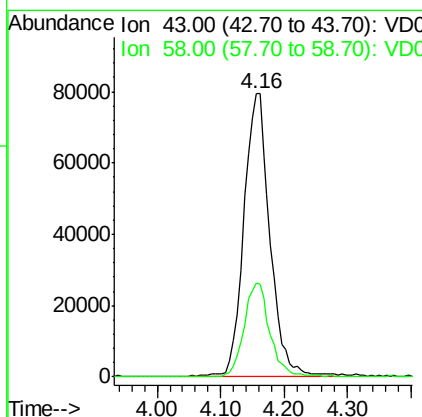
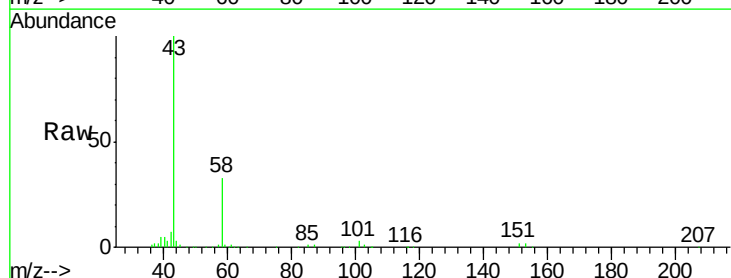
RT: 4.16 min Scan# 380

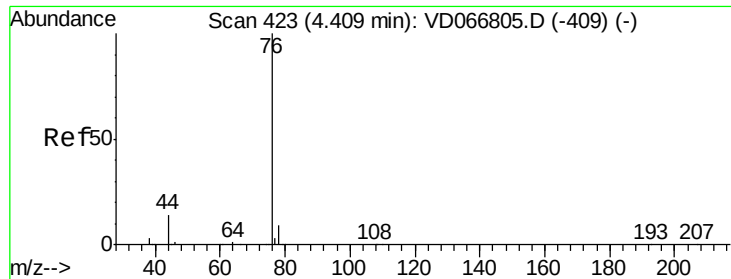
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	43	Resp:	223759
Ion Ratio		Lower	Upper
43	100		
58	33.3	25.6	38.4





#17

Carbon Disulfide

Concen: 46.107 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 571705

Ion Ratio Lower Upper

76 100

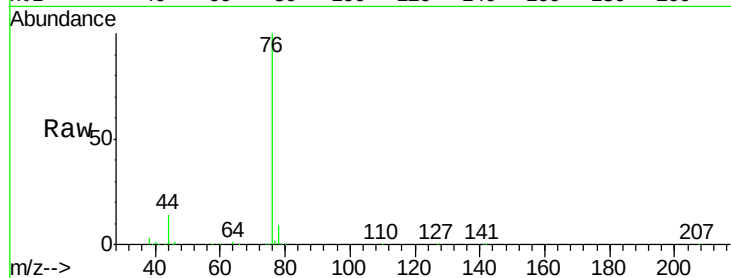
78 8.6 7.6 11.4

Manual Integrations

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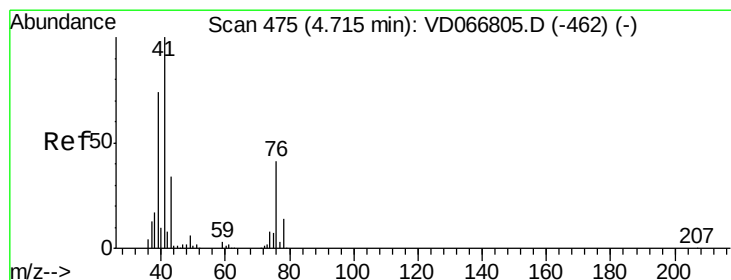
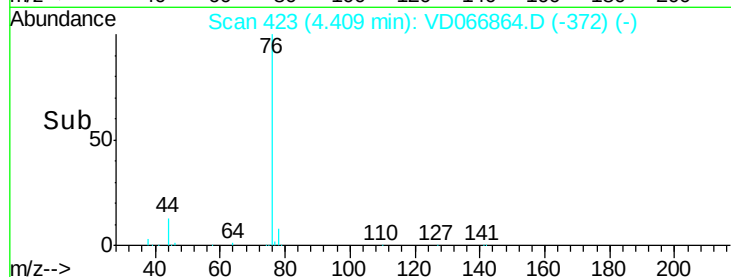
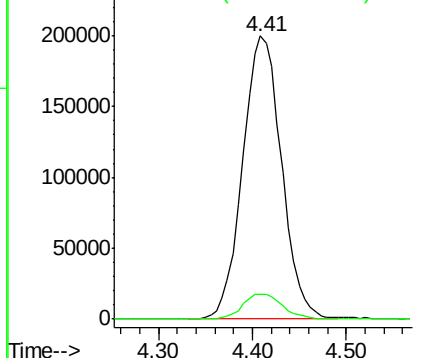
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.190 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066864.D

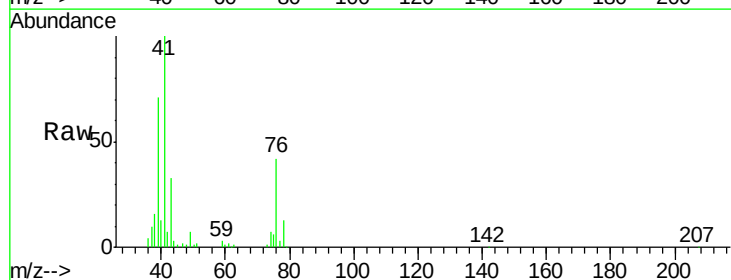
Acq: 25 Sep 2020 10:36

Tgt Ion: 43 Resp: 96278

Ion Ratio Lower Upper

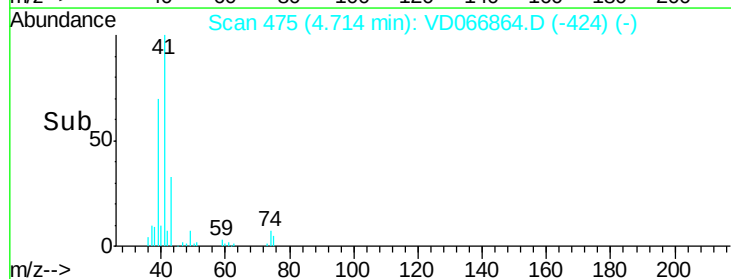
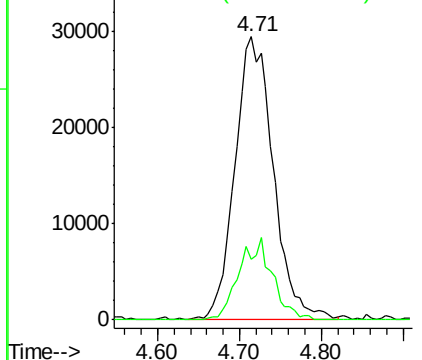
43 100

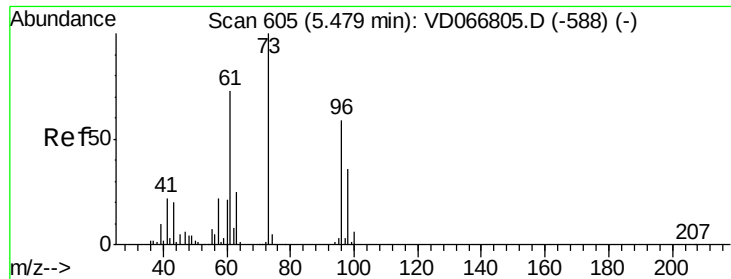
74 24.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





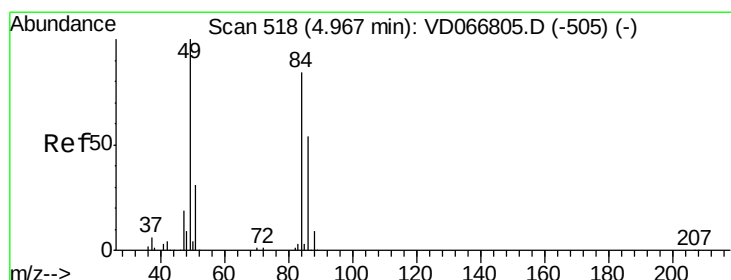
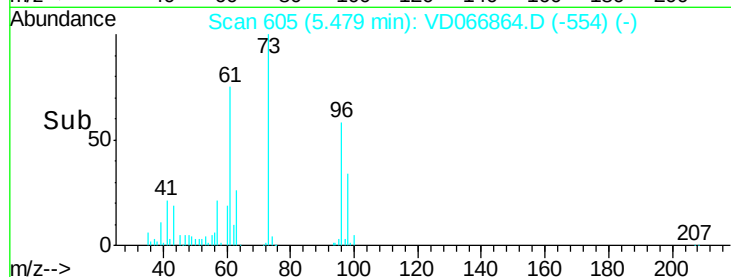
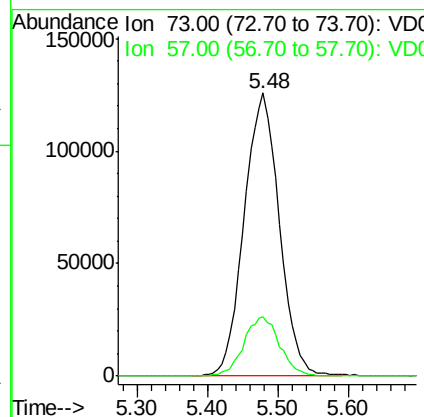
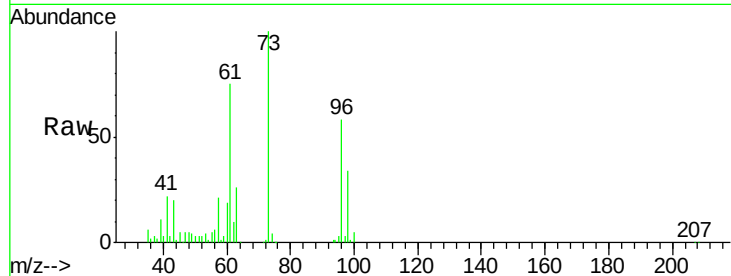
#19
Methyl tert-butyl Ether
Concen: 49.618 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 437029
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

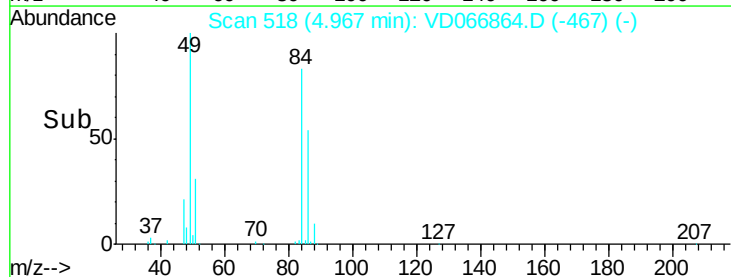
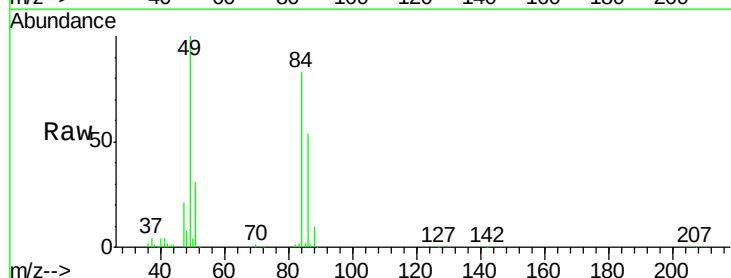
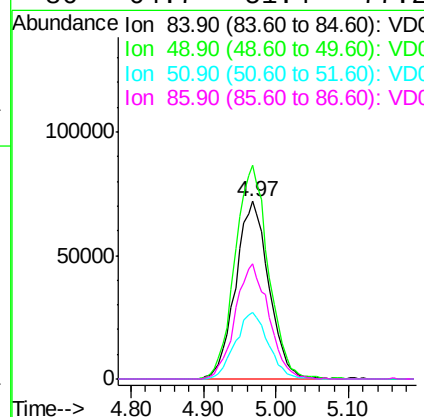
Manual Integrations
APPROVED

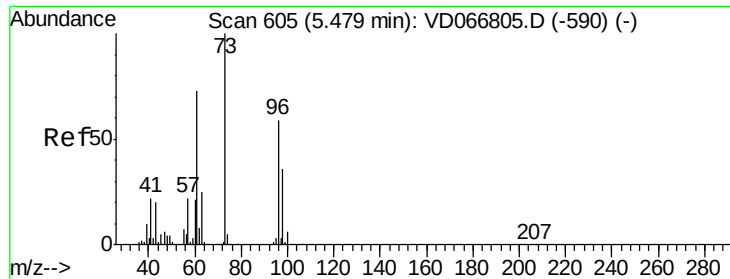
MMDadoda
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#20
Methylene Chloride
Concen: 49.389 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 84 Resp: 229554
Ion Ratio Lower Upper
84 100
49 120.2 95.4 143.2
51 37.4 29.7 44.5
86 64.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.025 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

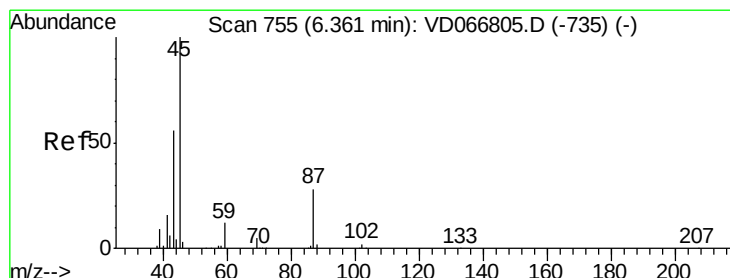
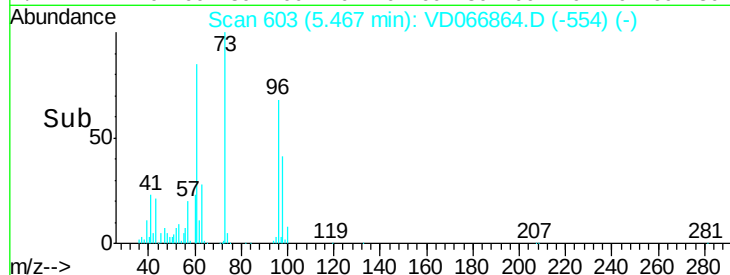
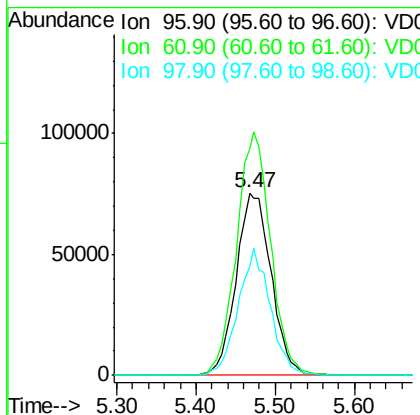
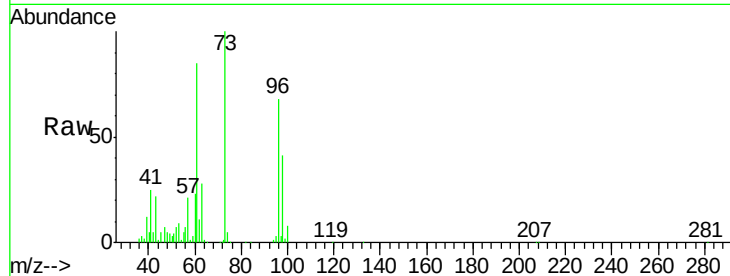
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	230230
Ion	Ratio	Lower	Upper
96	100		
61	124.3	98.9	148.3
98	60.0	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.783 ug/l

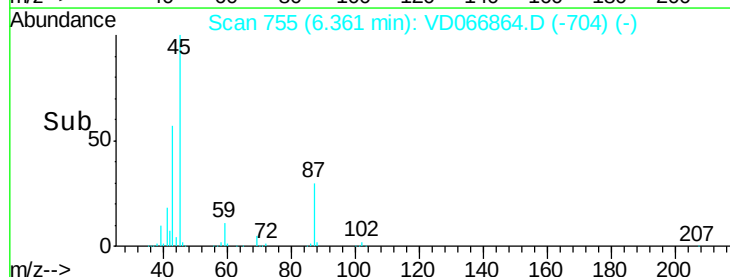
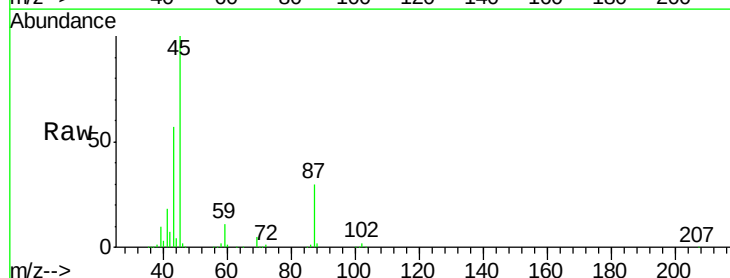
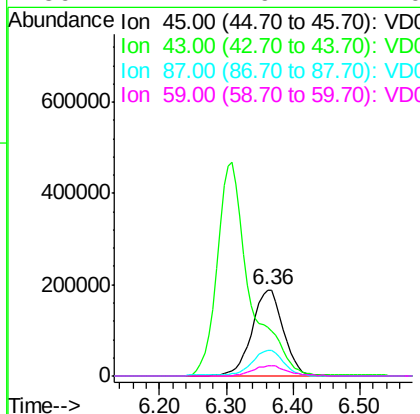
RT: 6.36 min Scan# 755

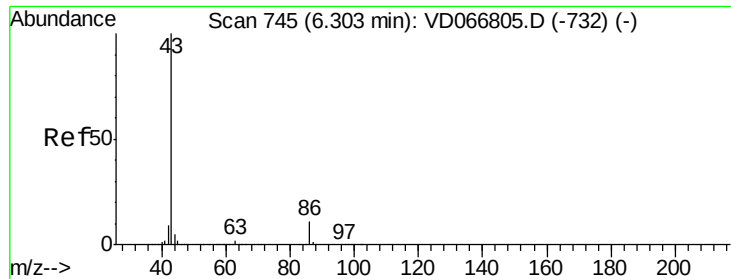
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	45	Resp:	609600
Ion	Ratio	Lower	Upper
45	100		
43	56.4	44.5	66.7
87	30.4	22.9	34.3
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 241.267 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1603385

Ion Ratio Lower Upper

43 100

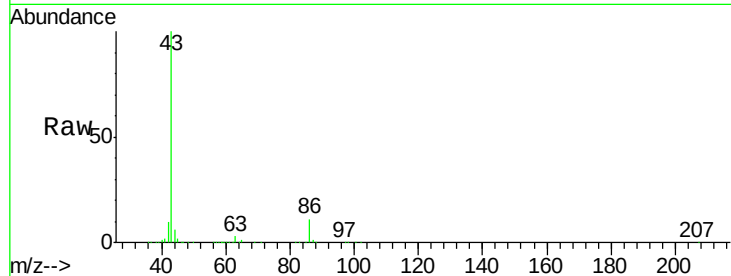
86 11.1 8.9 13.3

Manual Integrations

APPROVED

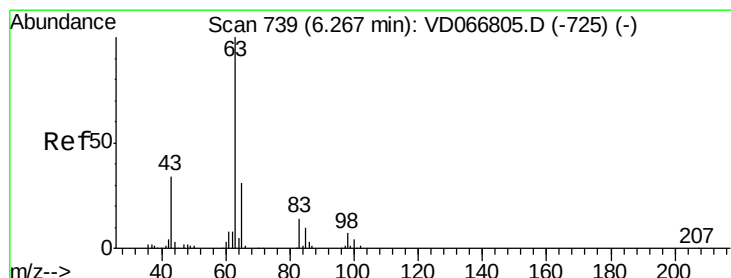
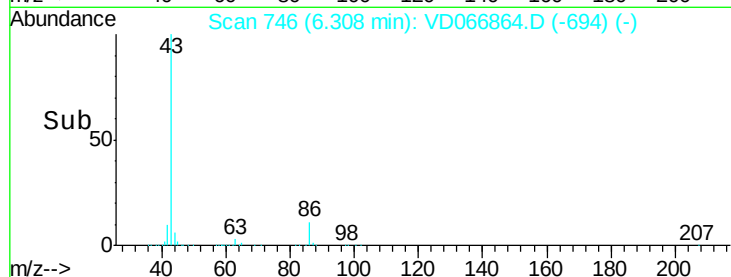
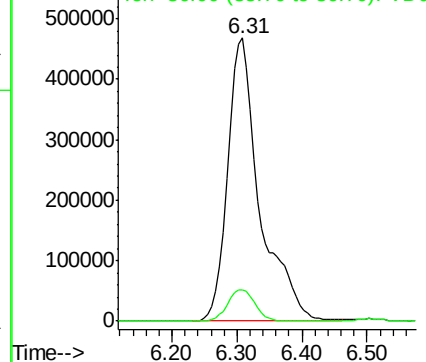
MMDadoda

9/29/2020 11:45:13 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.578 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

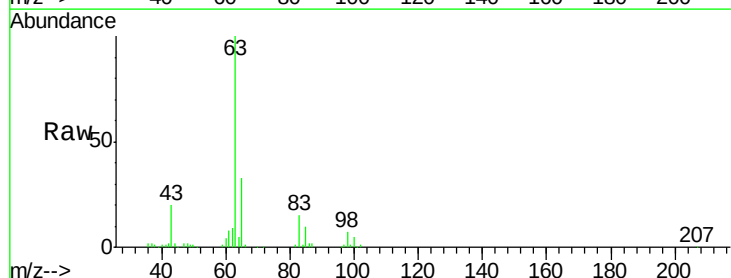
Tgt Ion: 63 Resp: 381560

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

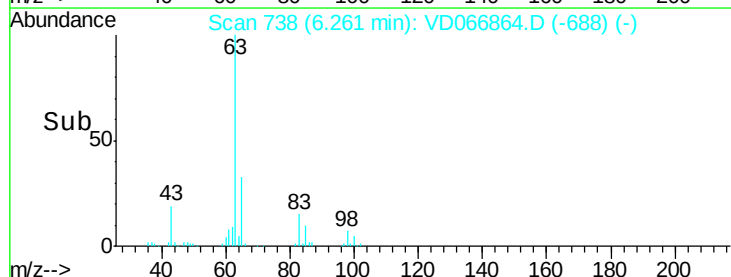
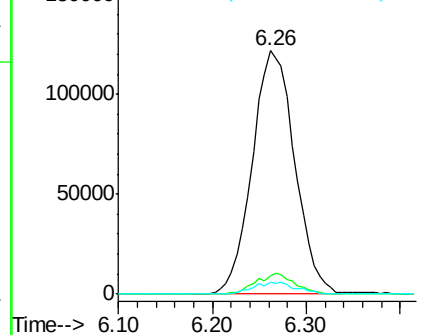
100 4.8 1.8 5.5

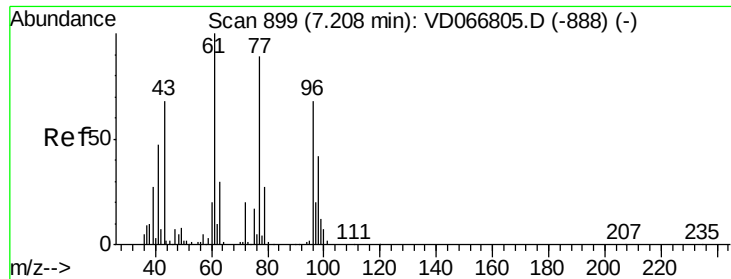


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 241.273 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 249343

Ion Ratio Lower Upper

43 100

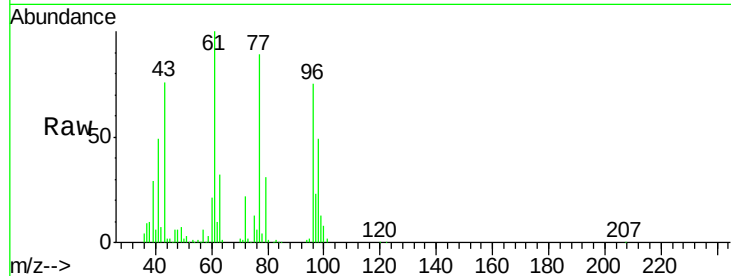
72 28.4 22.9 34.3

Manual Integrations

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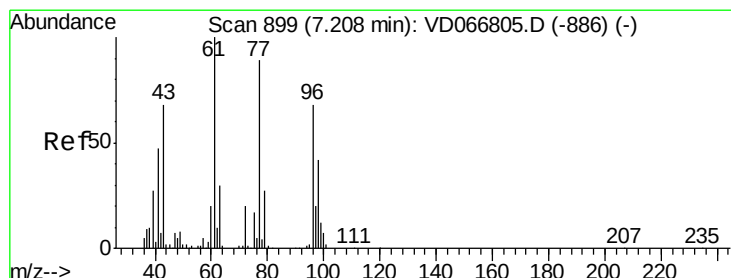
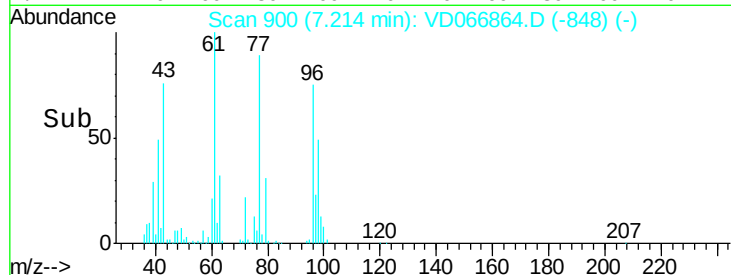
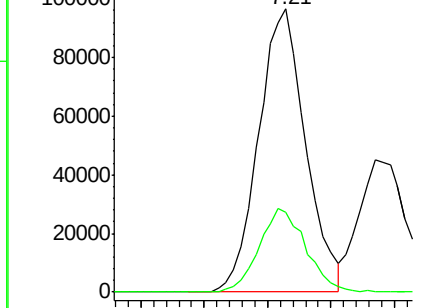
MMDadoda

9/29/2020 11:45:13 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: 46.467 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066864.D

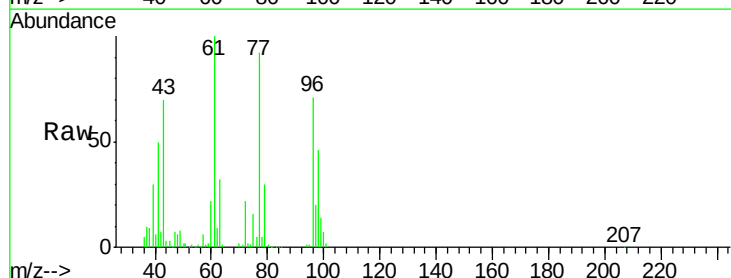
Acq: 25 Sep 2020 10:36

Tgt Ion: 77 Resp: 348891

Ion Ratio Lower Upper

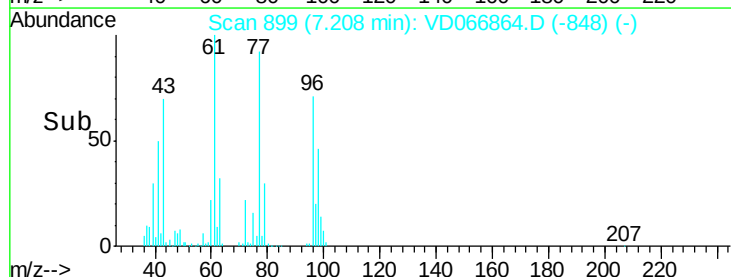
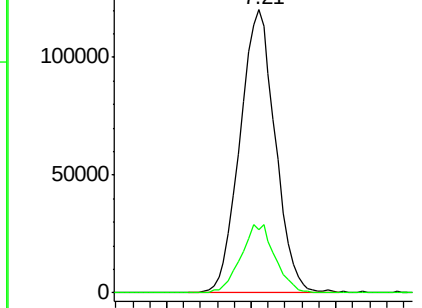
77 100

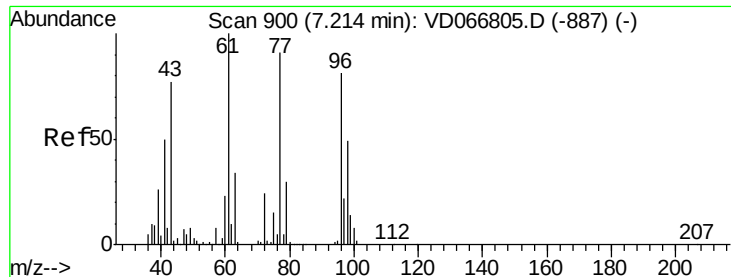
97 23.4 11.7 35.1



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: 49.133 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

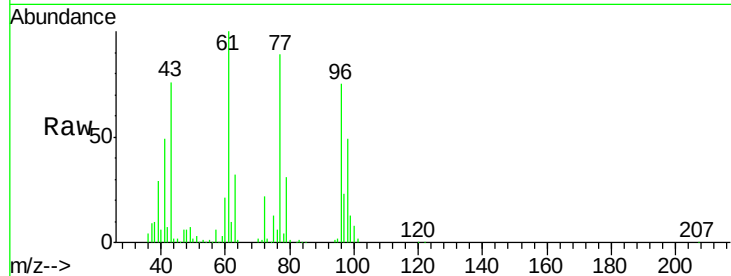
ClientSampleId :

VSTDCCC050

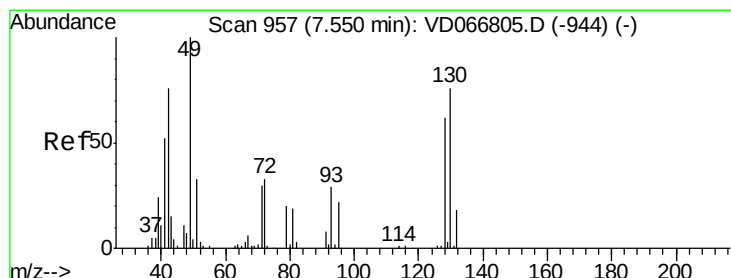
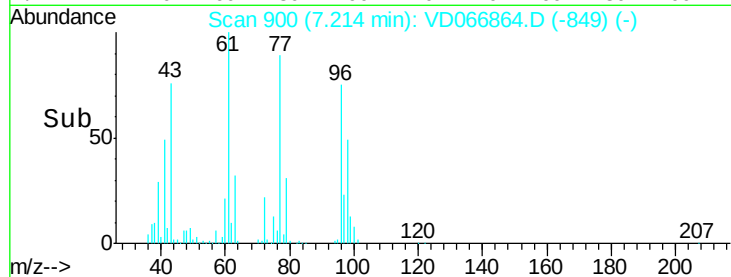
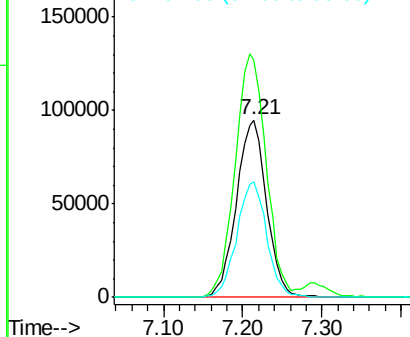
Tot Ion:	96	Resp:	250701
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	283.8
98	64.4	0.0	128.4

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



#28

Bromochloromethane

Concen: 49.864 ug/l

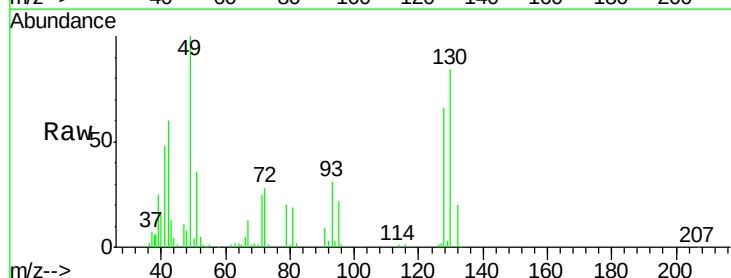
RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

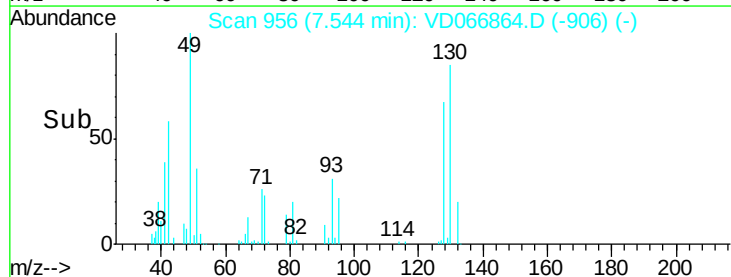
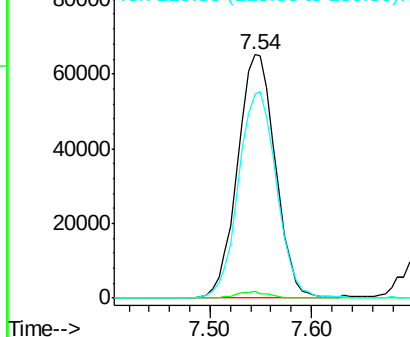
Lab File: VD066864.D

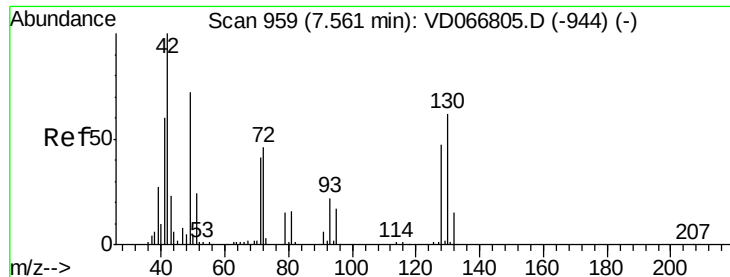
Acq: 25 Sep 2020 10:36

Tgt Ion:	49	Resp:	168755
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.0#
130	85.4	65.9	98.9



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





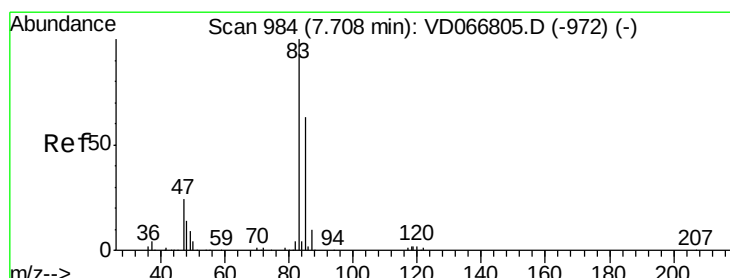
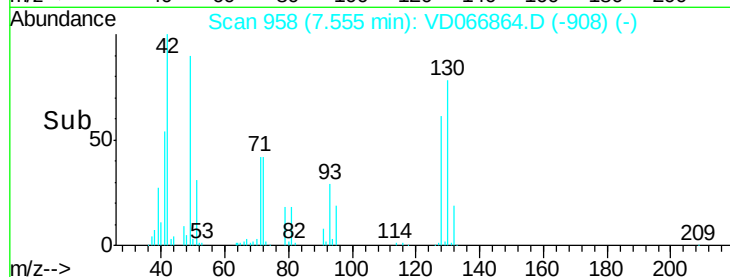
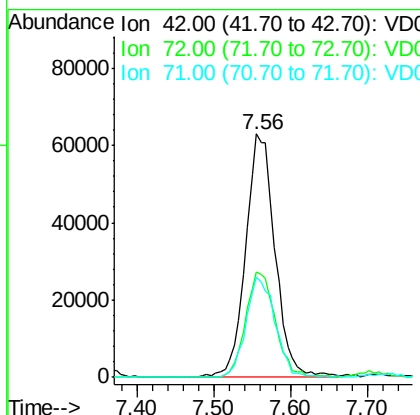
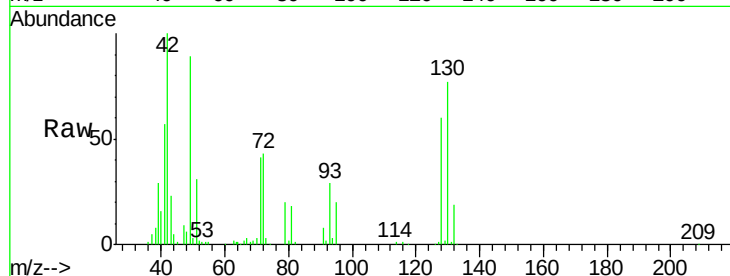
#29
Tetrahydrofuran
Concen: 254.179 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.2	54.4
71	40.8	32.4	48.6

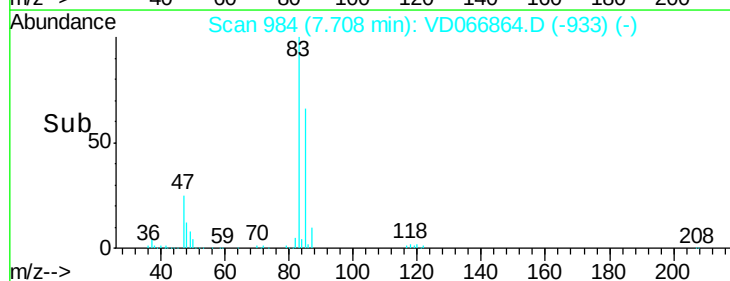
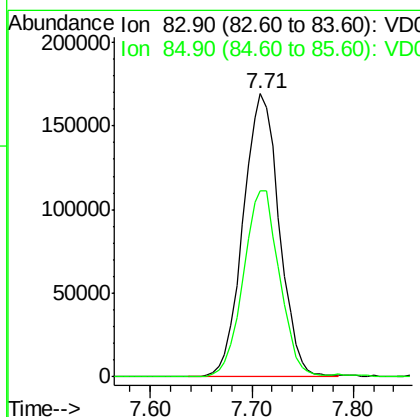
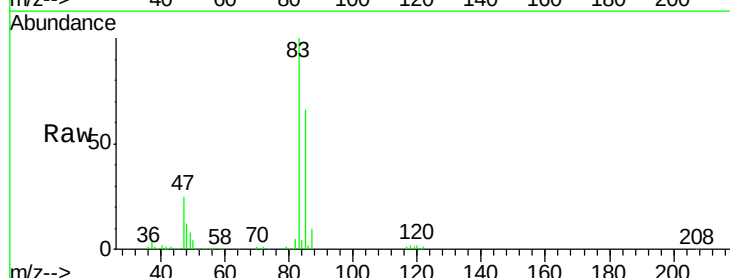
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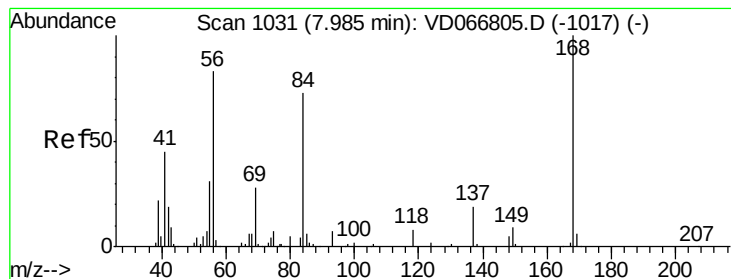
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#30
Chloroform
Concen: 47.285 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.6	75.8





#31

Cyclohexane

Concen: 45.866 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

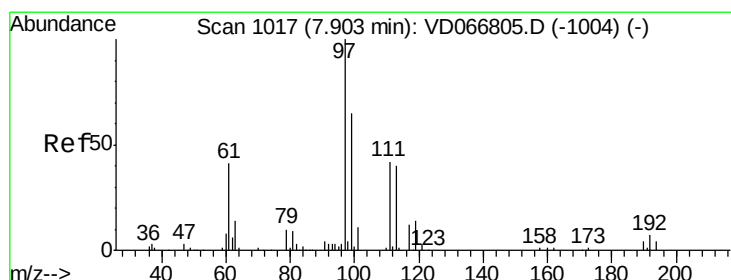
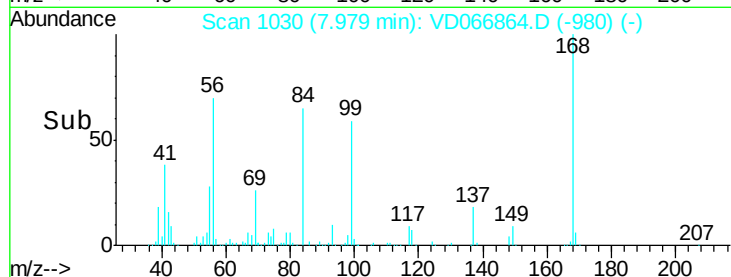
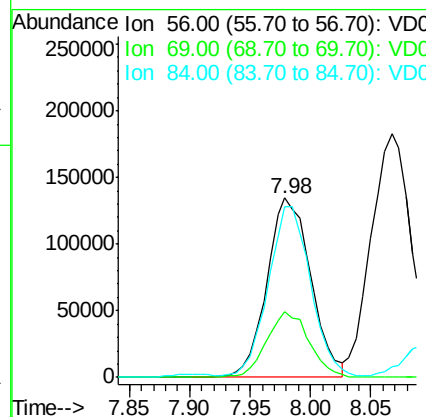
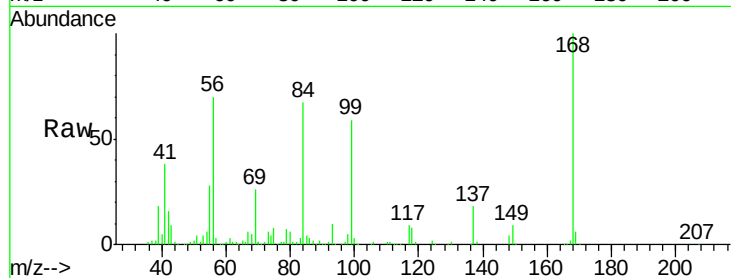
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	338074
Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.0	40.4
84	93.0	70.2	105.4

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#32

1,1,1-Trichloroethane

Concen: 49.368 ug/l

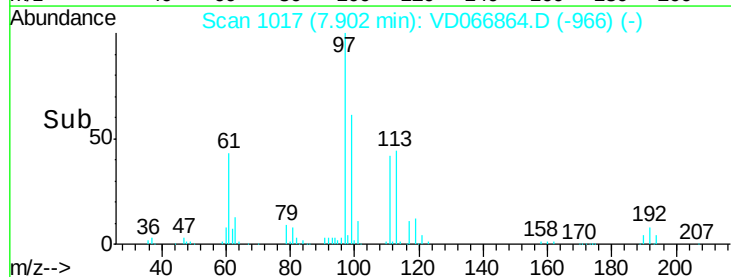
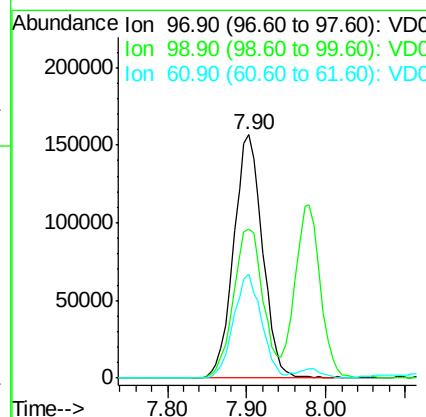
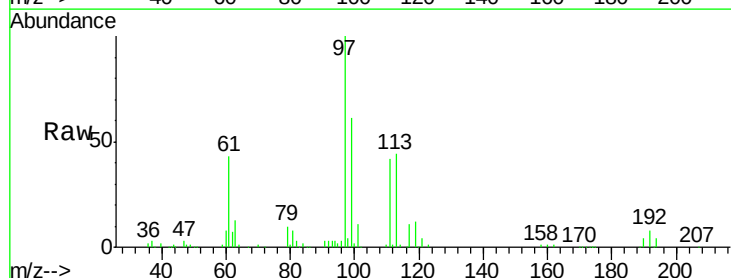
RT: 7.90 min Scan# 1017

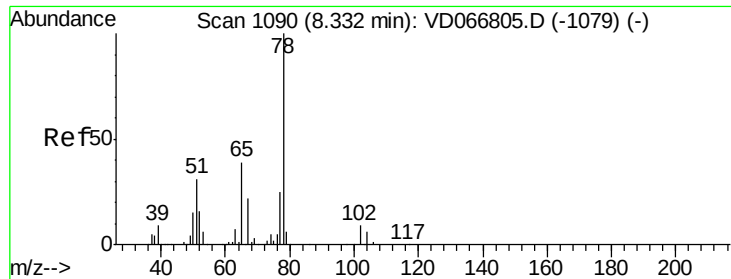
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	97	Resp:	394353
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	41.4	34.2	51.4





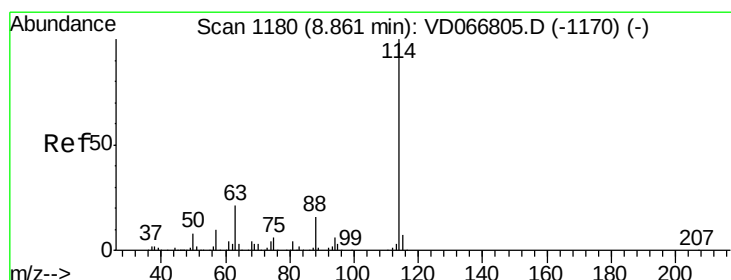
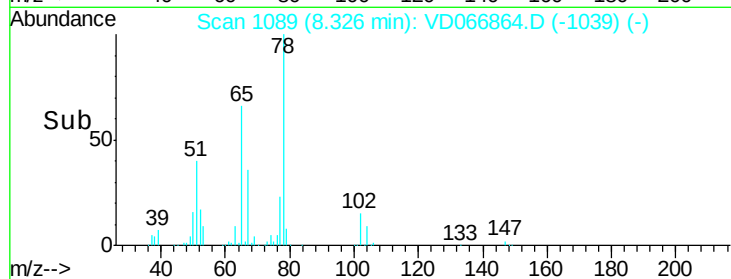
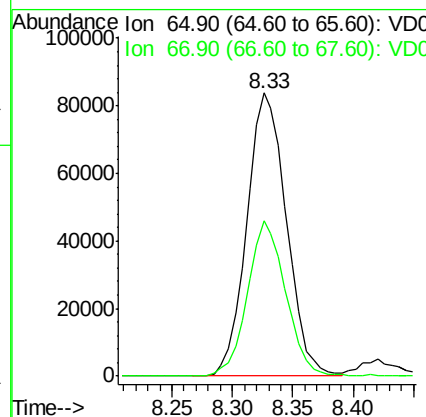
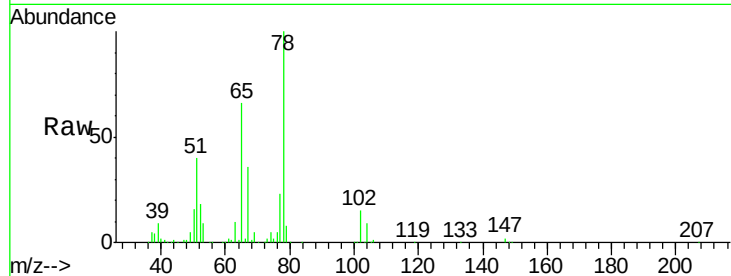
#33
 1,2-Dichloroethane-d4
 Concen: 47.356 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191975		
67	52.7	0.0	107.2	

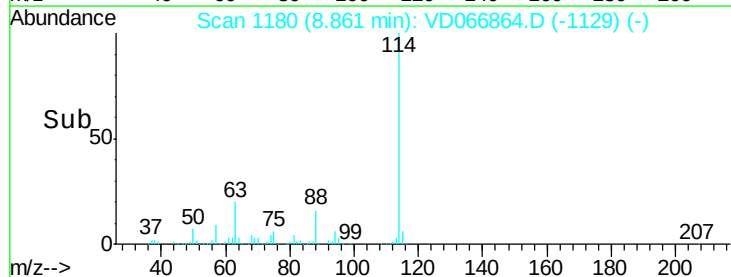
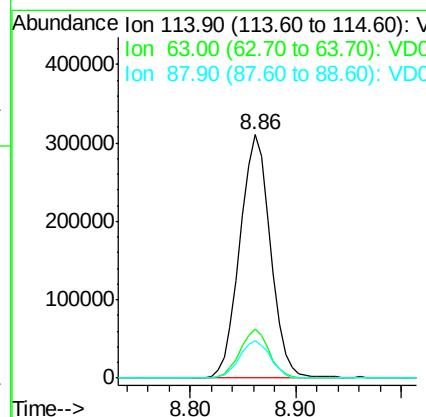
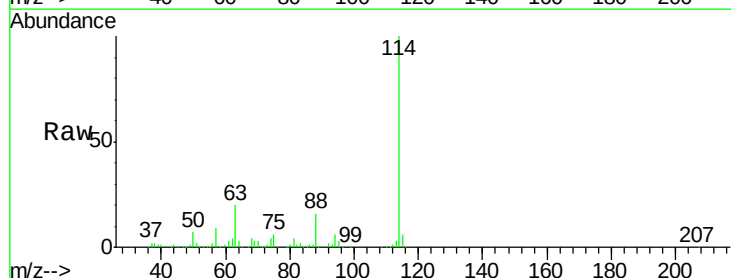
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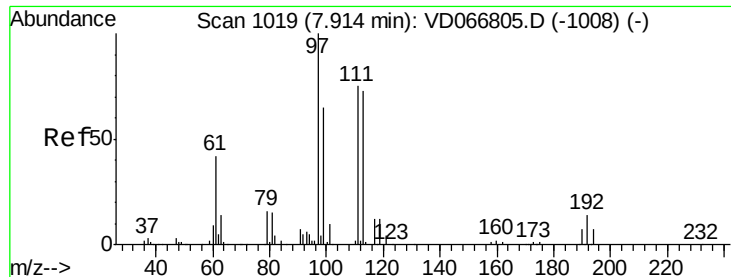
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	623544		
63	20.0	0.0	42.6	
88	15.6	0.0	32.6	





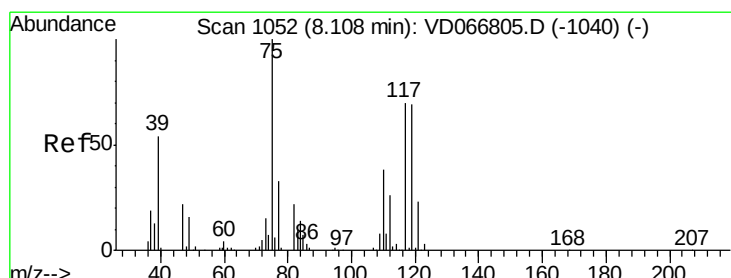
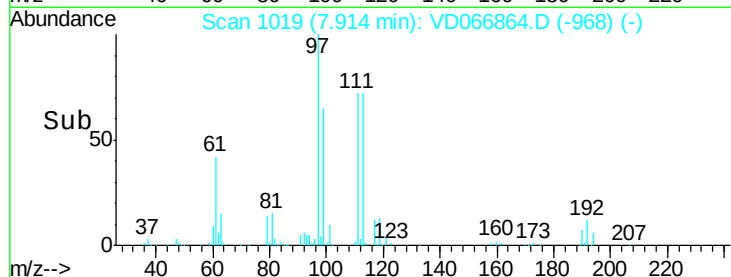
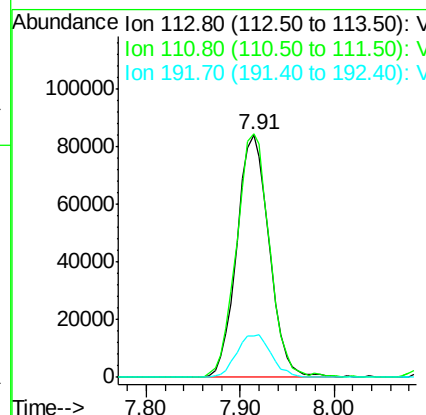
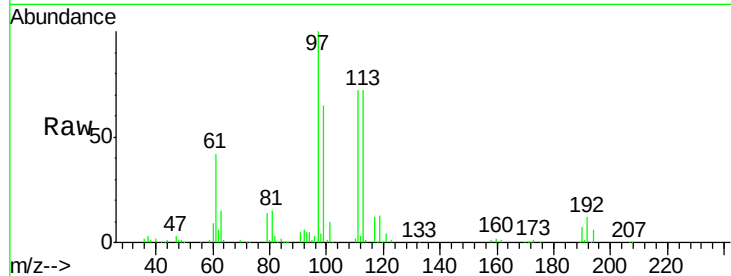
#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201193		
111	102.8	81.8	122.8	
192	18.7	14.4	21.6	

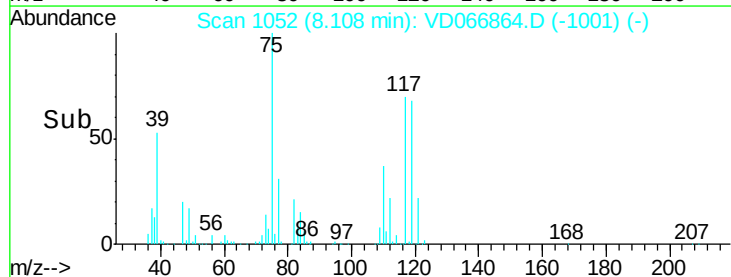
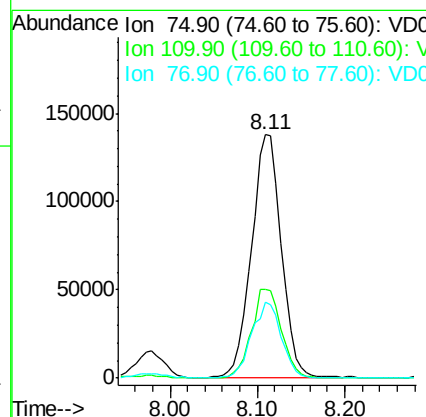
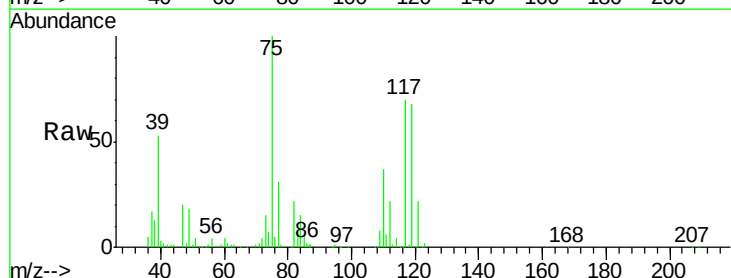
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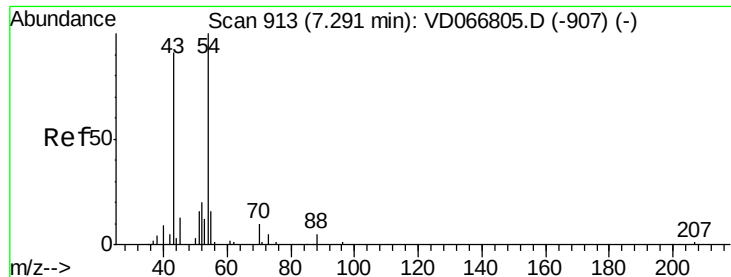
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#36
 1,1-Dichloropropene
 Concen: 51.808 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	320490		
110	36.9	17.9	53.8	
77	31.4	25.0	37.6	





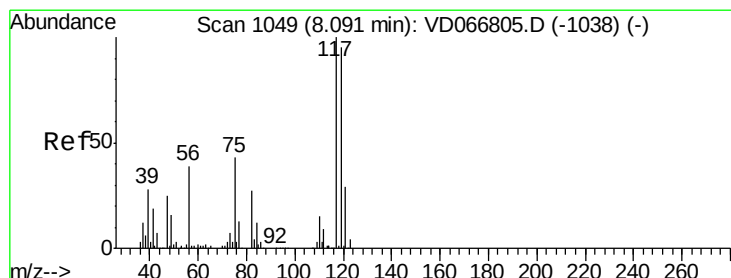
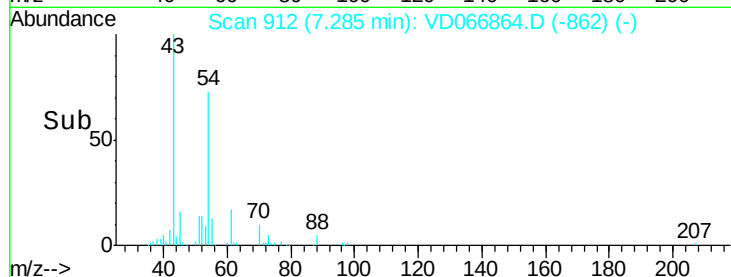
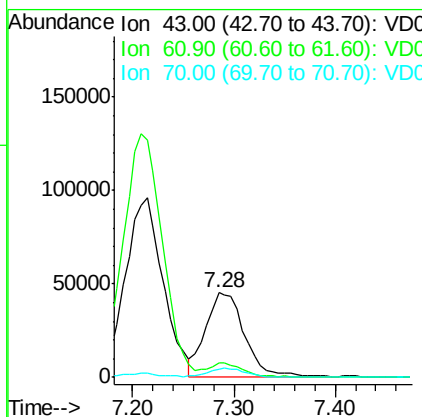
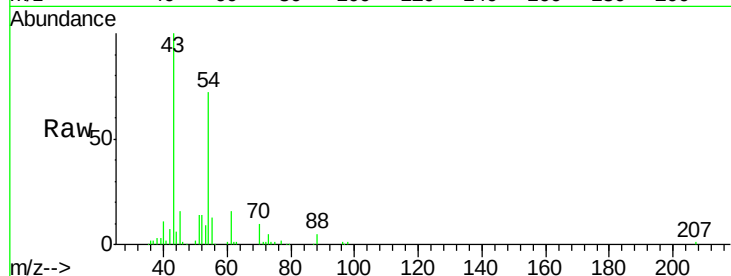
#37
Ethyl Acetate
Concen: 53.441 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	119510		
61	14.5	9.8	14.8	
70	10.2	8.5	12.7	

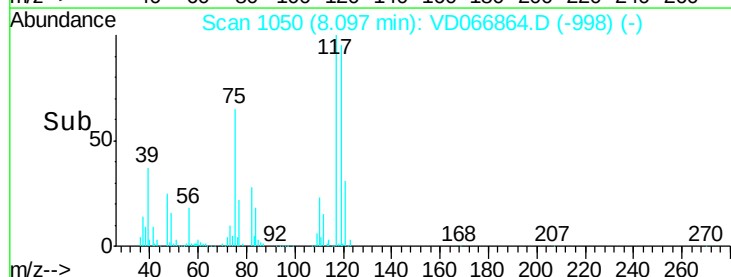
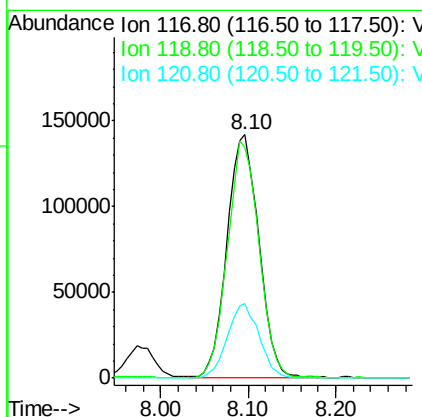
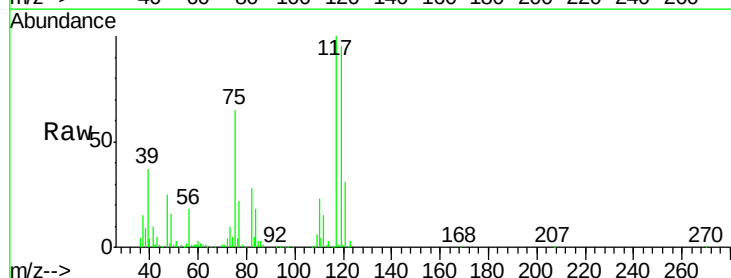
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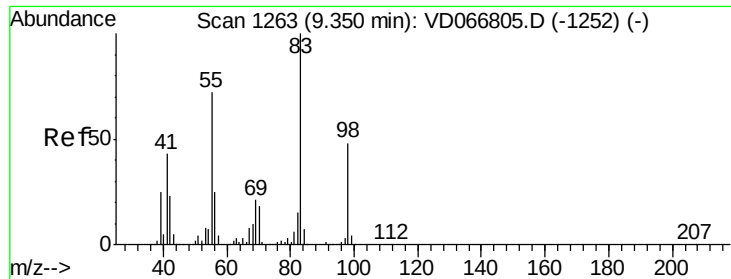
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.079 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	352218		
119	94.5	75.8	113.8	
121	30.7	23.4	35.0	





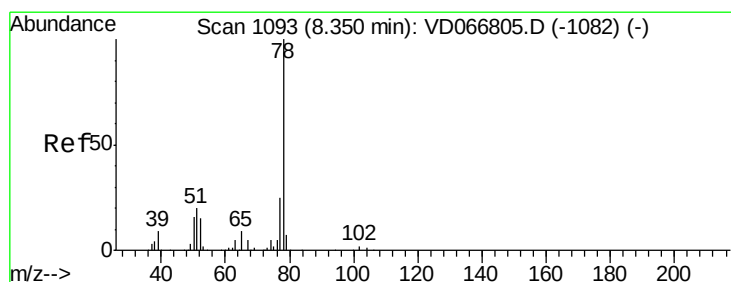
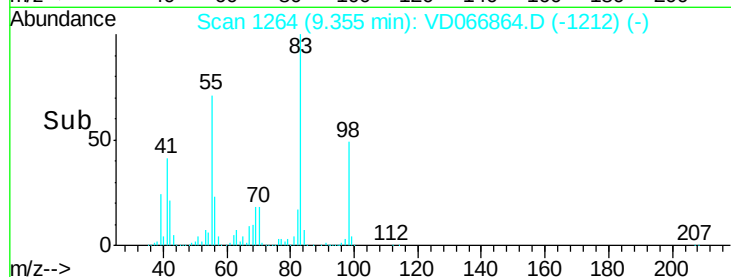
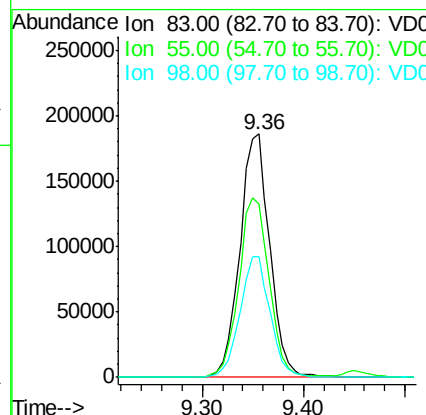
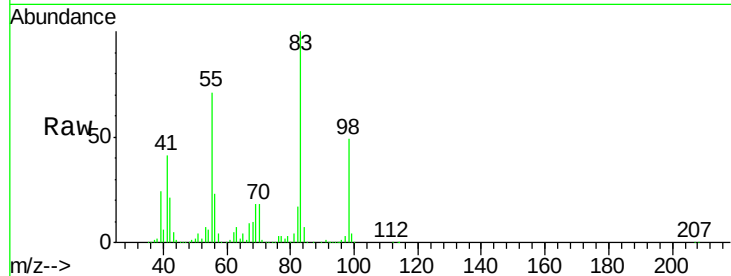
#39
Methylvlcyclohexane
Concen: 53.617 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.1		57.7	86.5
98	49.4		38.4	57.6

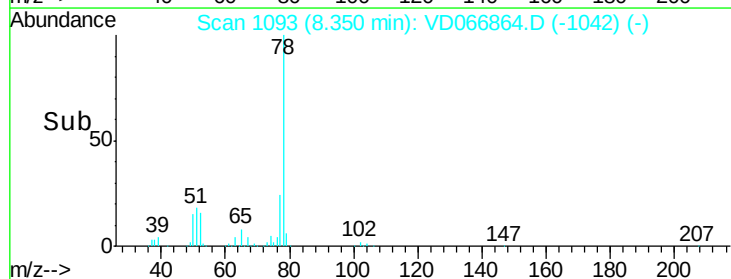
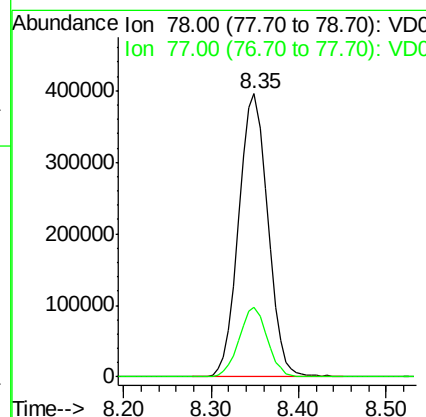
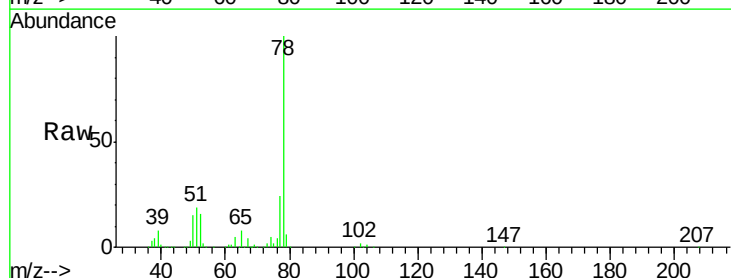
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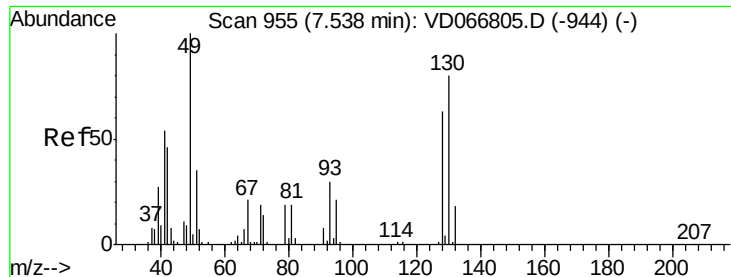
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#40
Benzene
Concen: 51.756 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.5		19.9	29.9





#41

Methacrylonitrile

Concen: 52.807 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 72623

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

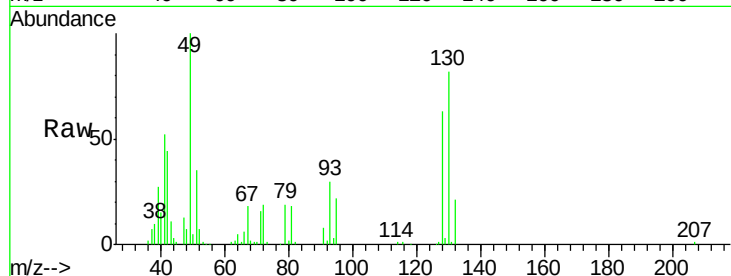
52 0.0 0.0 0.0

Manual Integrations

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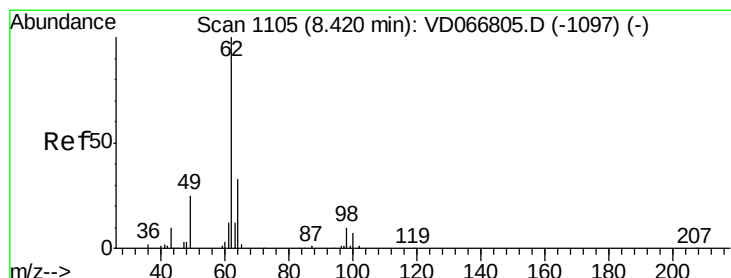
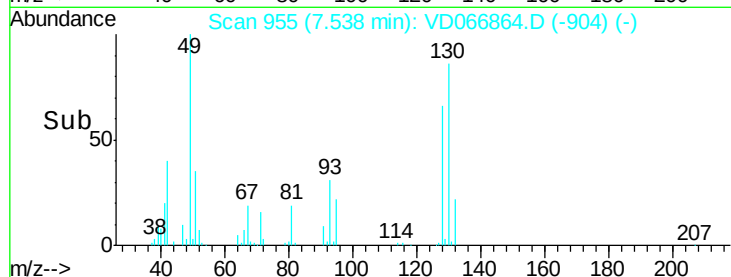
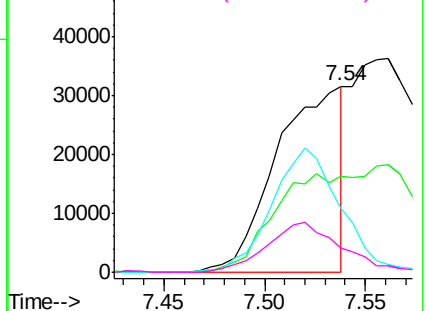


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 50.606 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066864.D

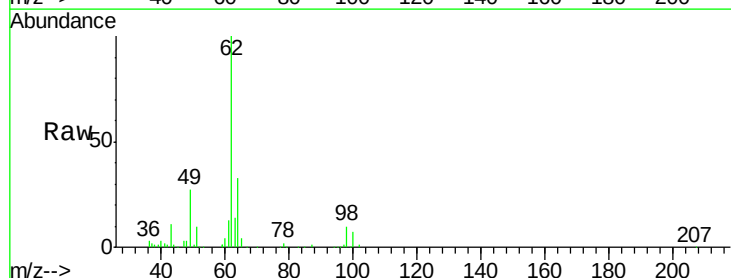
Acq: 25 Sep 2020 10:36

Tgt Ion: 62 Resp: 257925

Ion Ratio Lower Upper

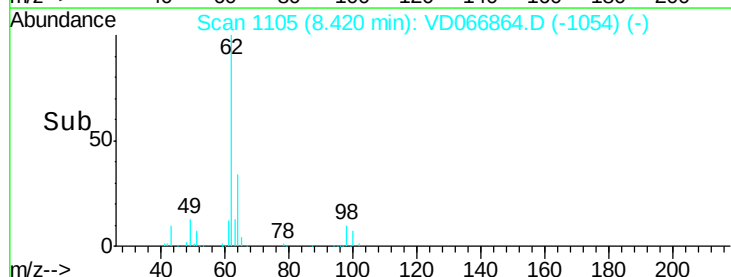
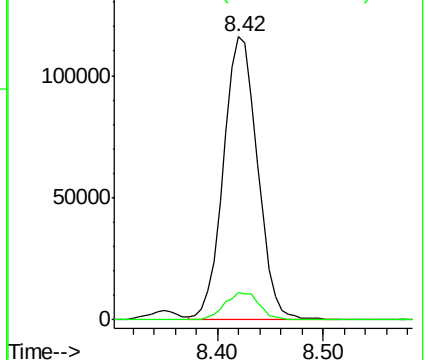
62 100

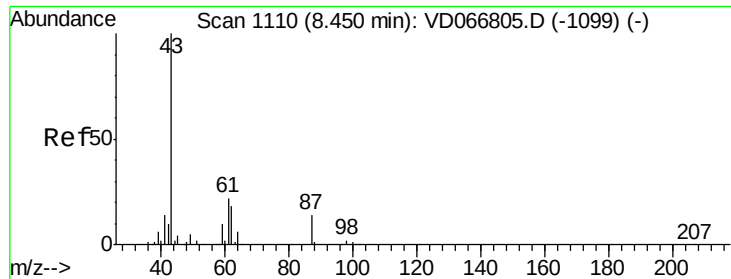
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.810 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

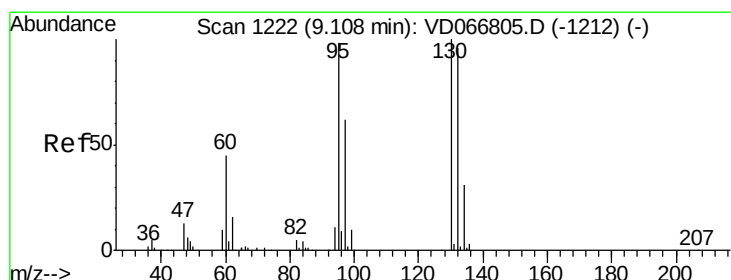
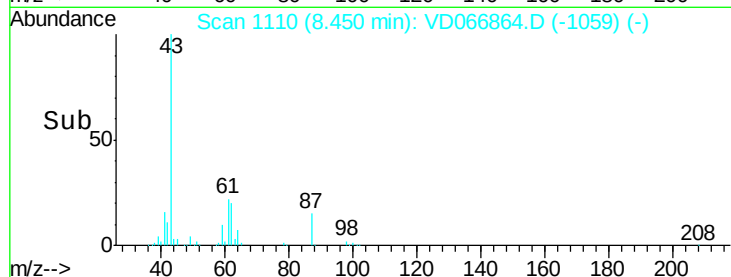
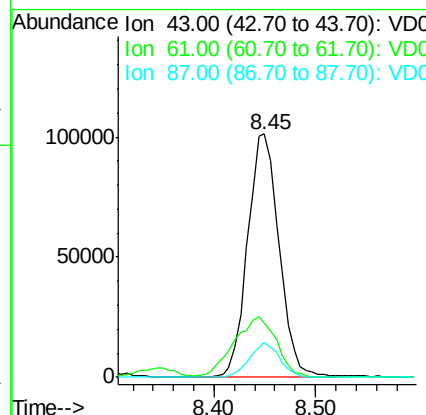
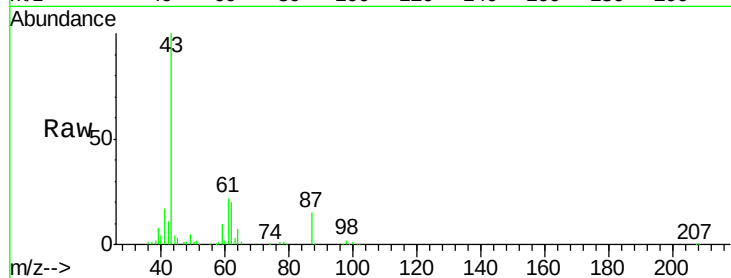
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	219069
Ion	Ratio	Lower	Upper
43	100		
61	33.2	26.2	39.4
87	13.8	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 51.419 ug/l

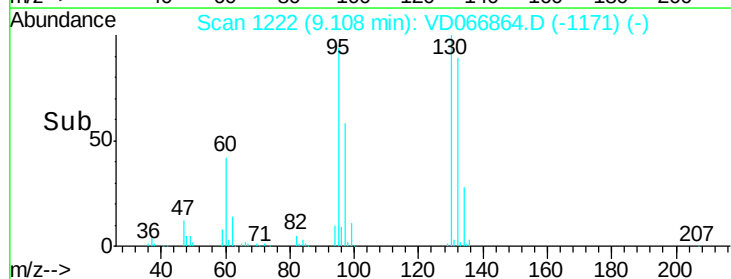
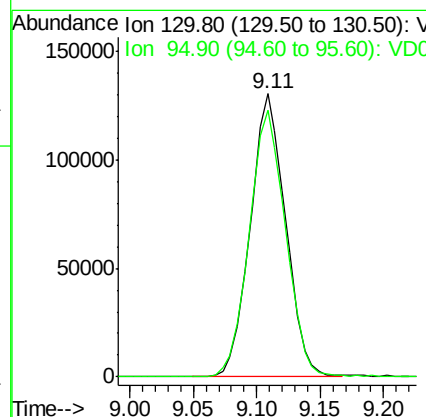
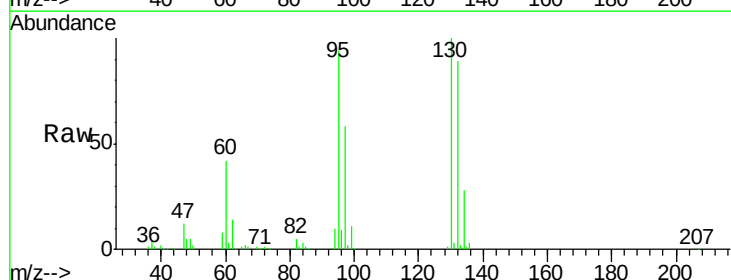
RT: 9.11 min Scan# 1222

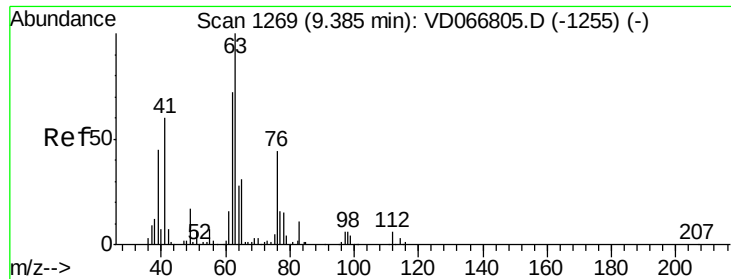
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	130	Resp:	252679
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	197.0





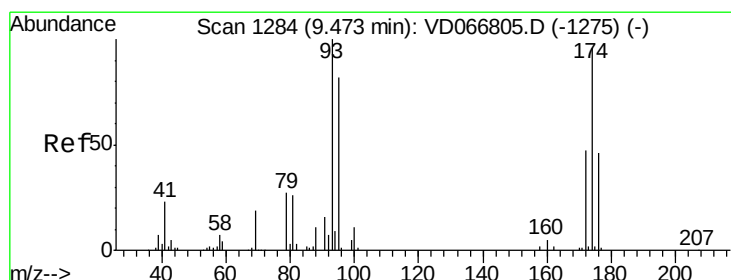
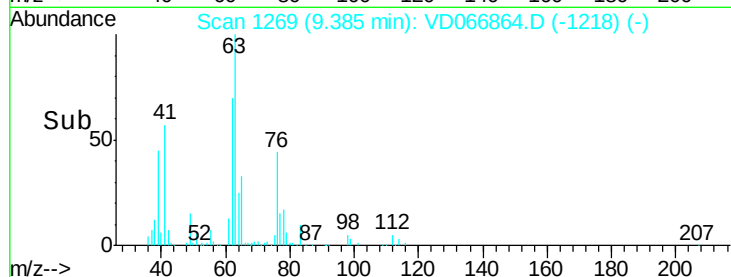
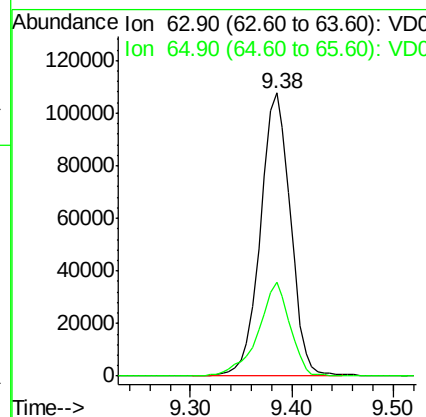
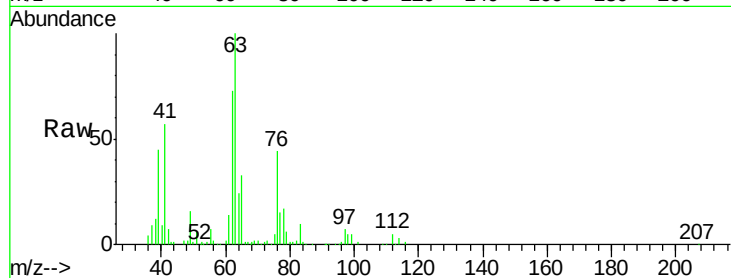
#45
 1,2-Dichloropropane
 Concen: 51.160 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 221916
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.7 37.1

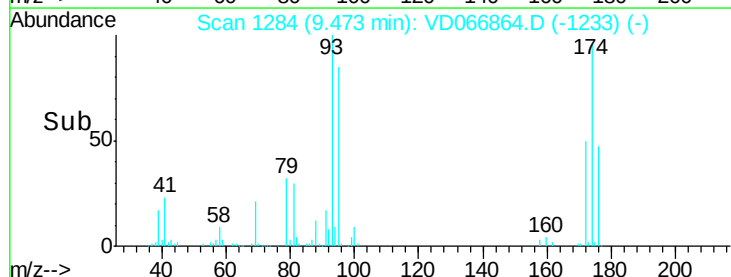
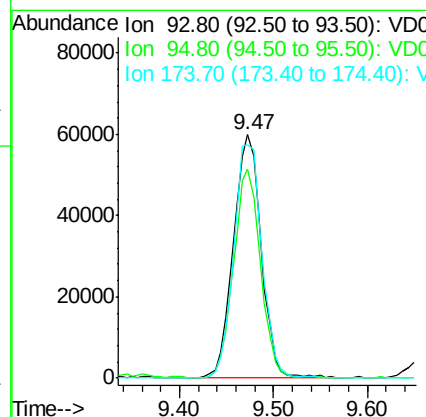
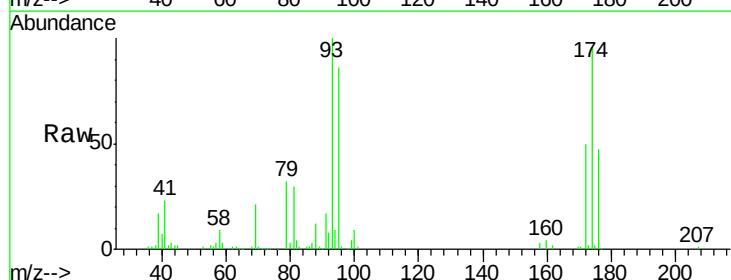
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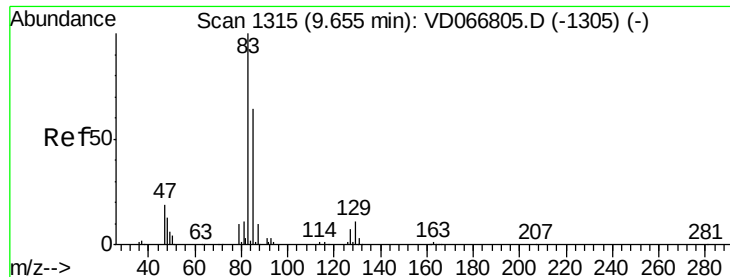
MMDadoda
 9/29/2020 11:45:13 AM



#46
 Dibromomethane
 Concen: 52.350 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion: 93 Resp: 123377
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.3 97.9
 174 97.9 75.4 113.2





#47

Bromodichloromethane

Concen: 52.136 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

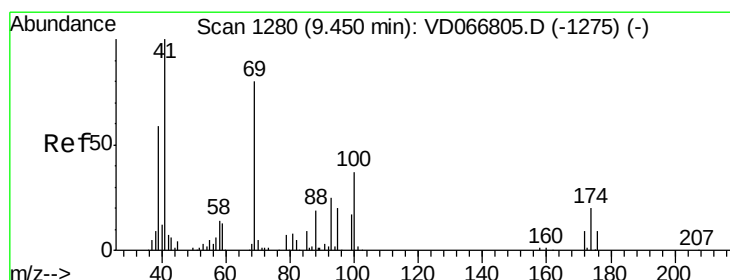
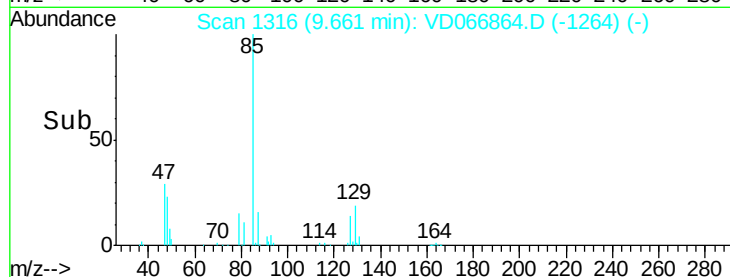
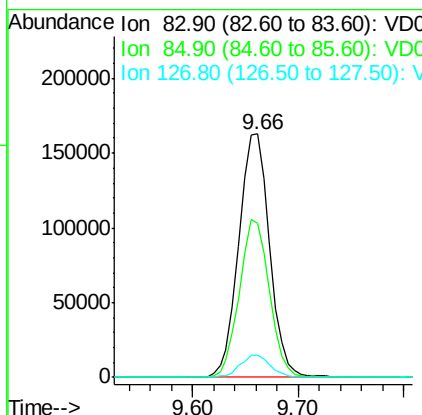
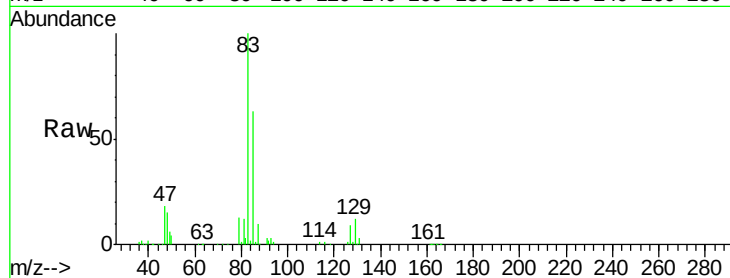
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	330077
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.9	76.3
127	8.9	5.9	8.9#

Manual Integrations
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MMDadoda
9/29/2020 11:45:13 AM



#48

Methyl methacrylate

Concen: 55.715 ug/l

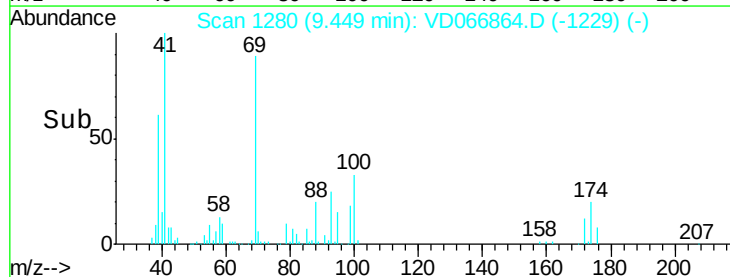
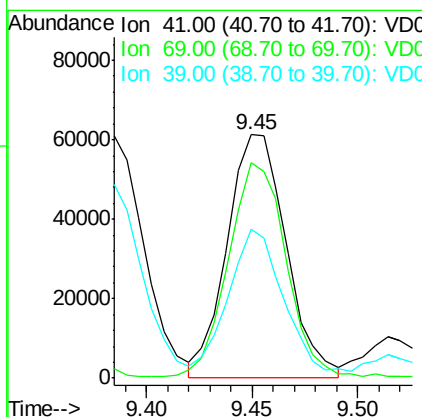
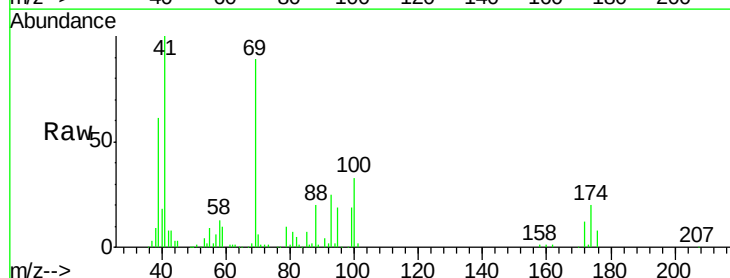
RT: 9.45 min Scan# 1280

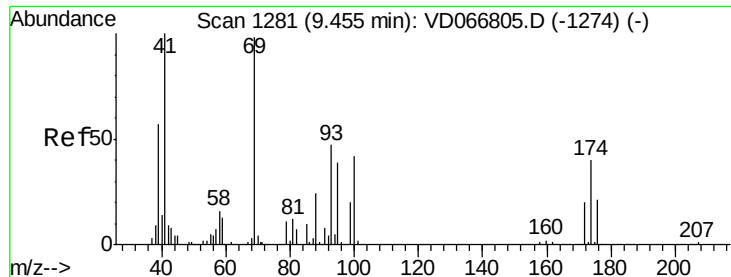
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	41	Resp:	118437
Ion Ratio	Lower	Upper	
41	100		
69	88.3	74.5	111.7
39	52.8	47.0	70.6





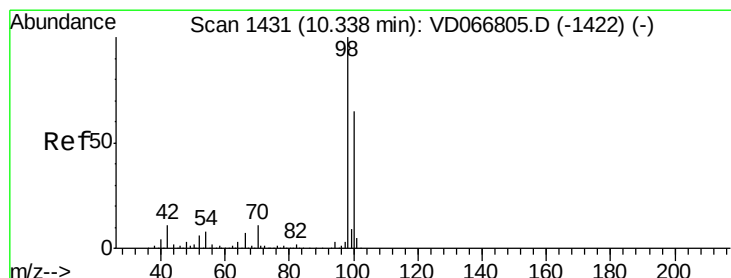
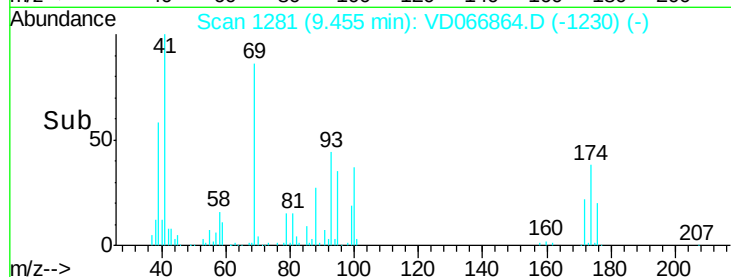
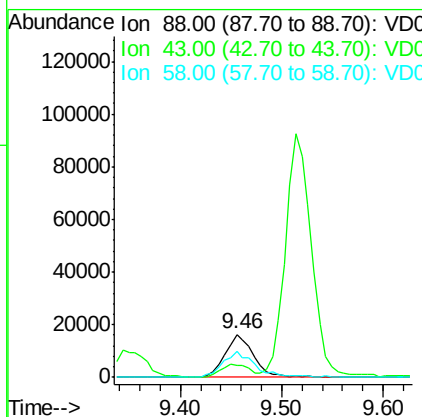
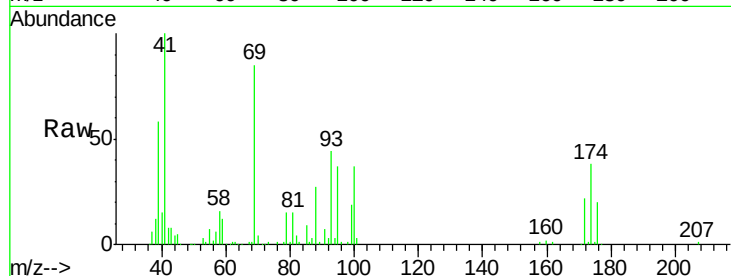
#49
1,4-Dioxane
Concen: 1219.884 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	31994		
43	31.1		27.7	41.5
58	68.0		55.5	83.3

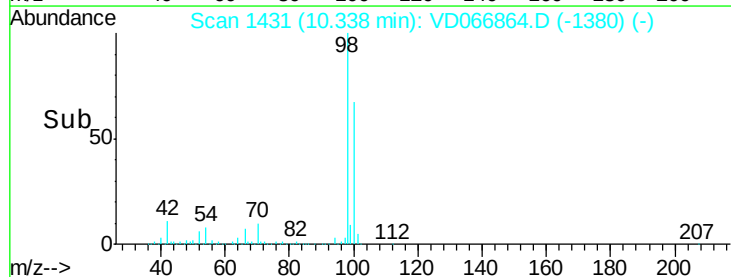
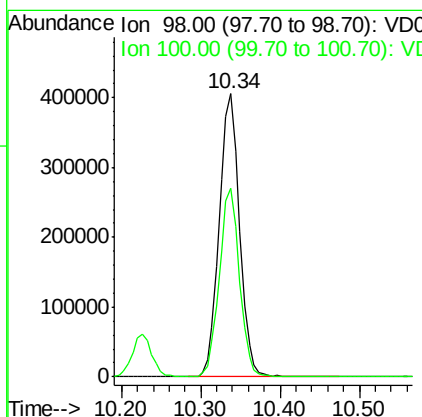
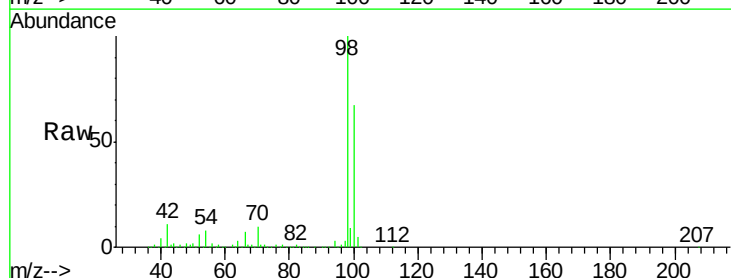
Manual Integrations
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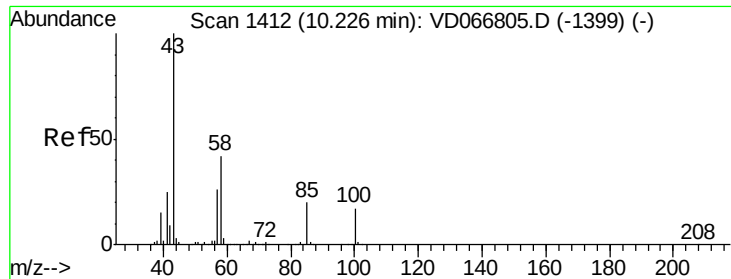
MMDadoda
9/29/2020 11:45:13 AM



#50
Toluene-d8
Concen: 53.333 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	720863		
100	66.1		52.2	78.2





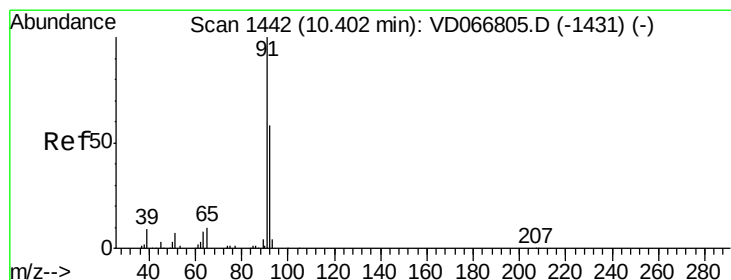
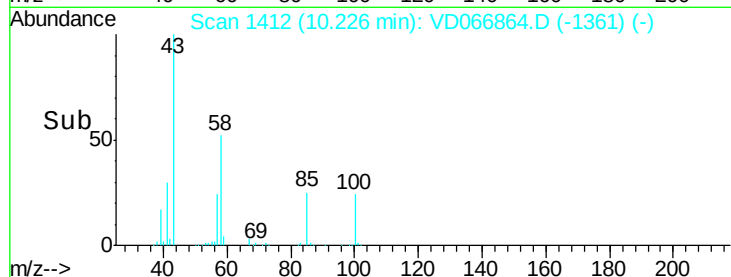
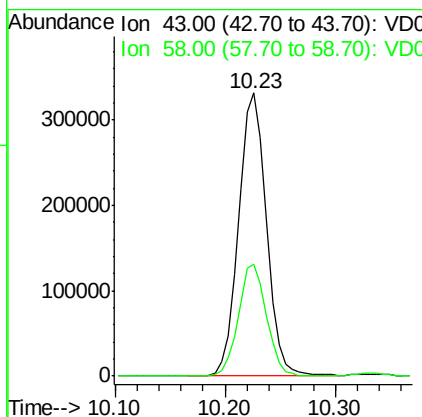
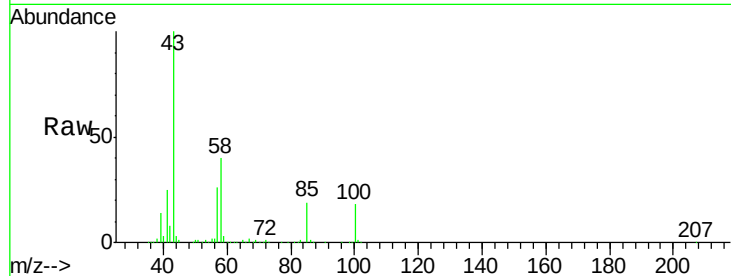
#51
4-Methyl-2-Pentanone
Concen: 270.168 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	590225		
58	40.0		32.2	48.4

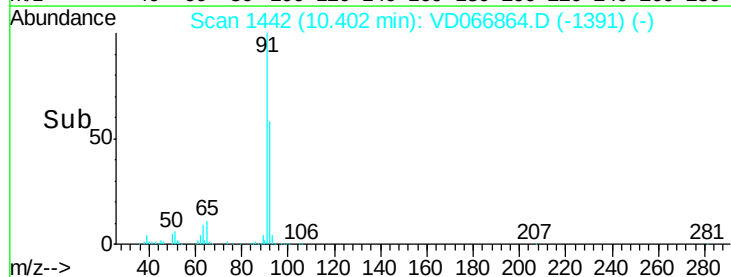
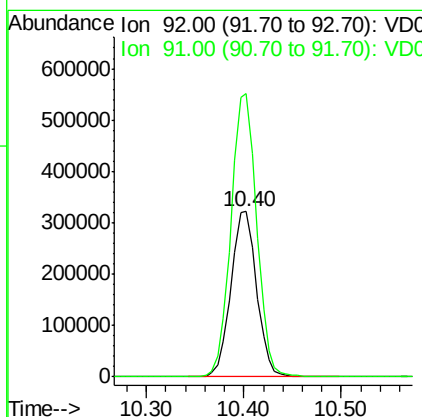
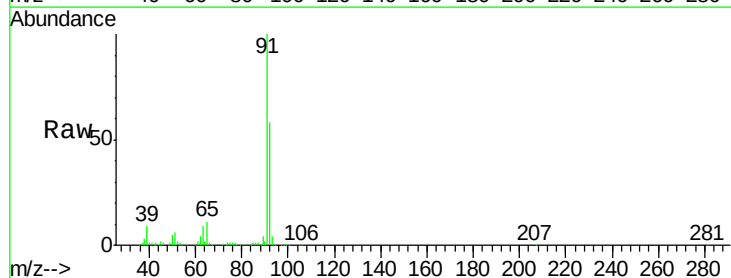
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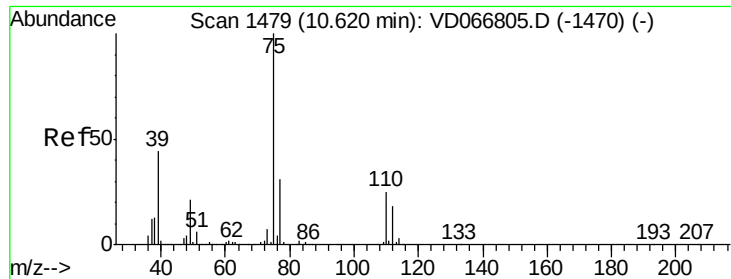
MMDadoda
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#52
Toluene
Concen: 53.327 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
92	100	592206		
91	170.3		134.6	202.0





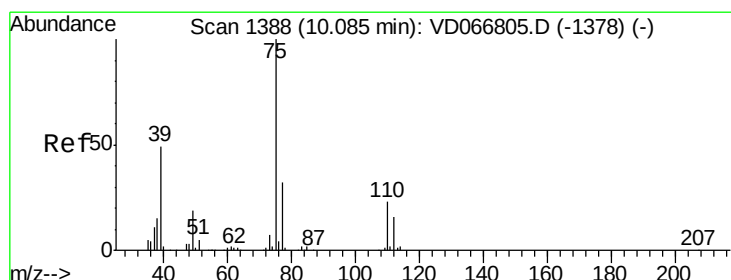
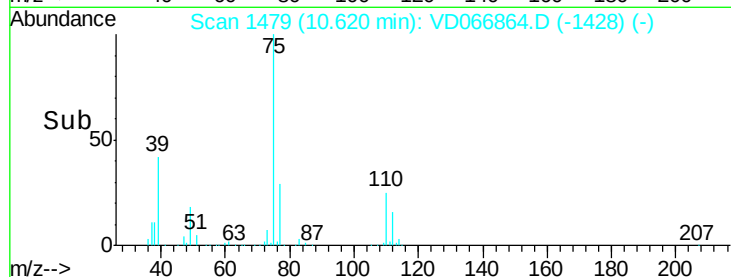
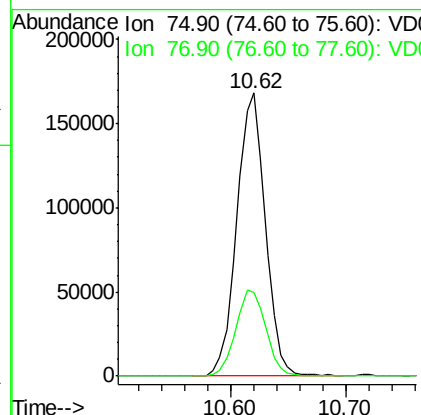
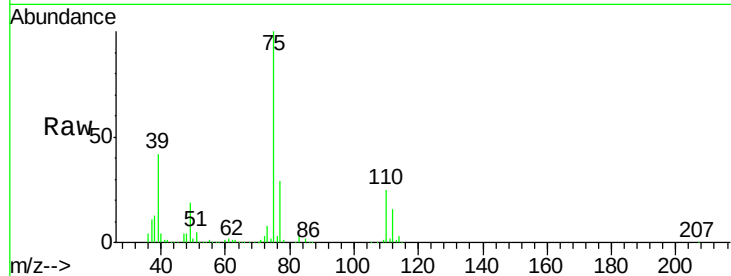
#53
t-1,3-Dichloropropene
Concen: 53.520 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.5	36.7

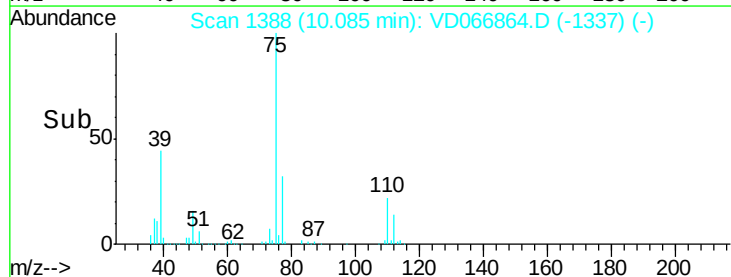
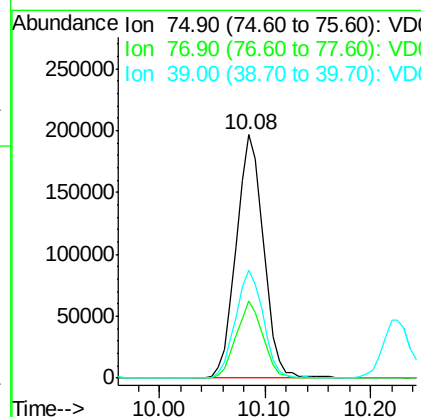
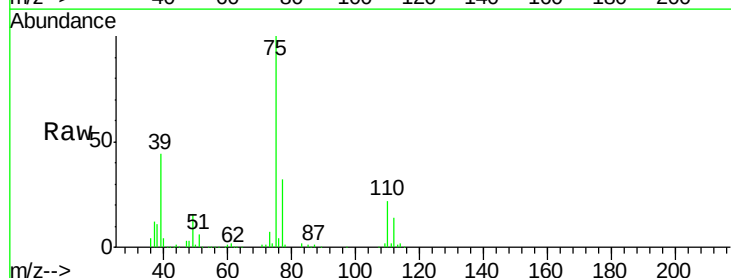
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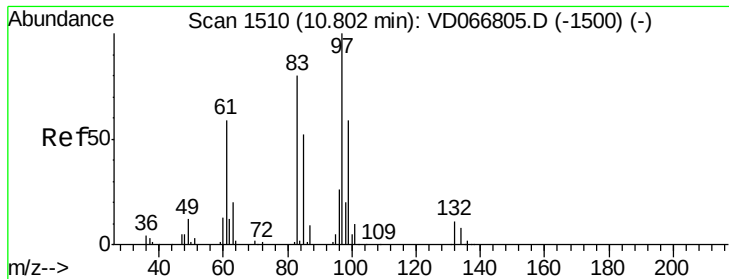
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.425 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	44.3	39.2	58.8





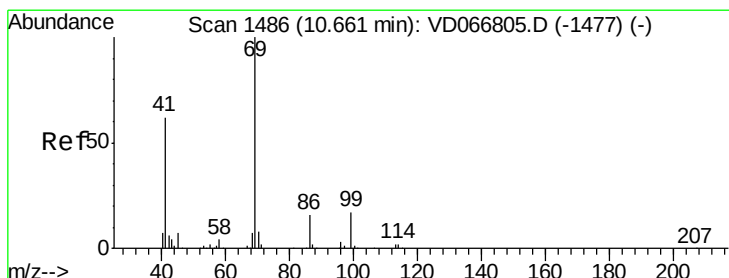
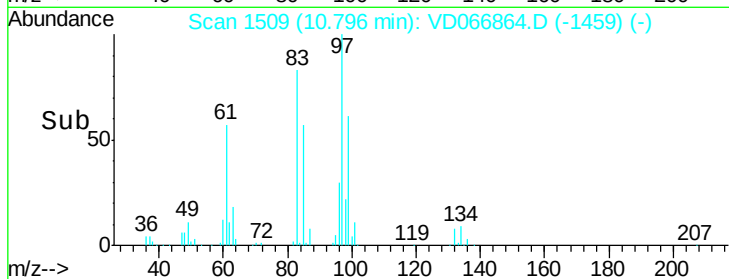
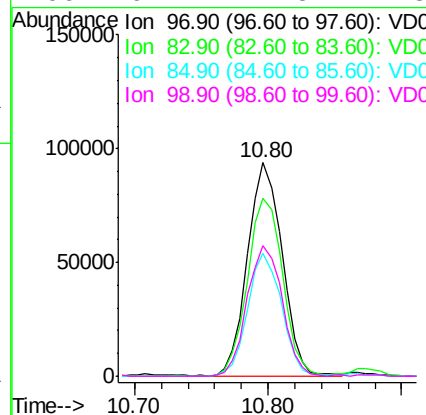
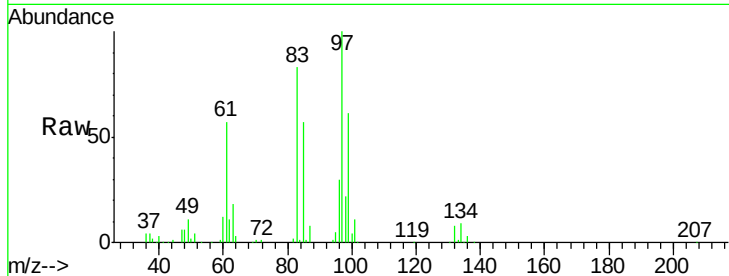
#55
 1,1,2-Trichloroethane
 Concen: 52.300 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	169448		
83	83.1	64.2	96.2	
85	57.3	41.9	62.9	
99	61.2	47.5	71.3	

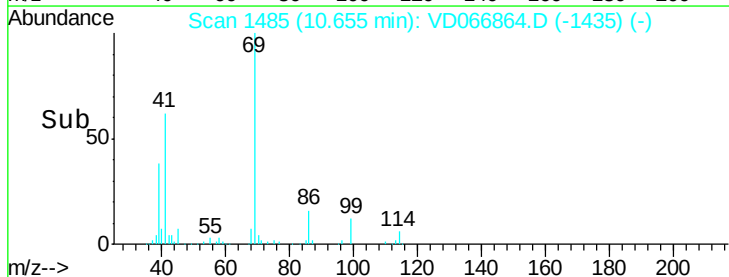
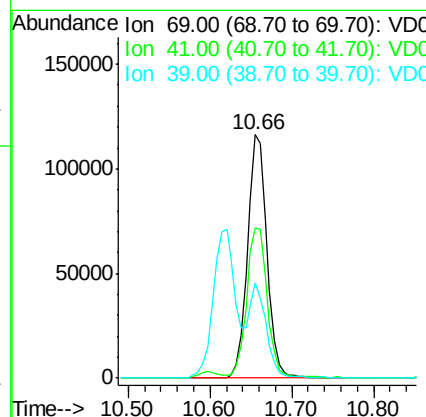
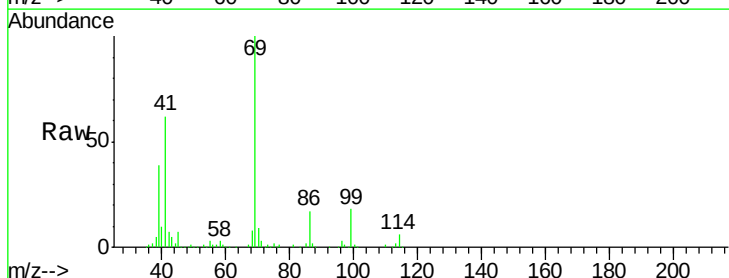
Manual Integrations
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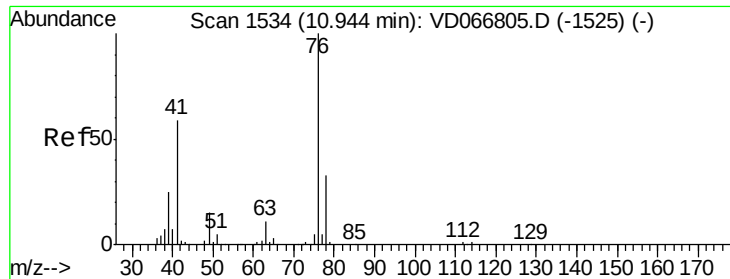
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 9/29/2020 11:45:13 AM



#56
 Ethyl methacrylate
 Concen: 55.024 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	190980		
41	66.1	52.2	78.2	
39	31.8	26.6	40.0	





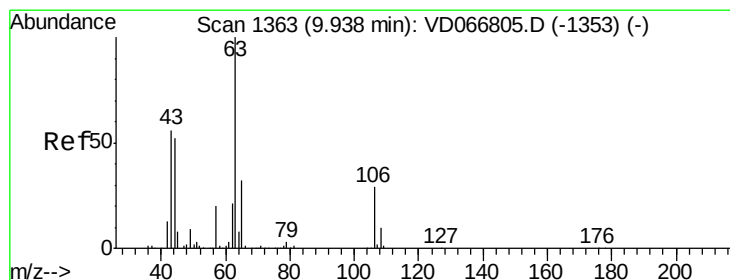
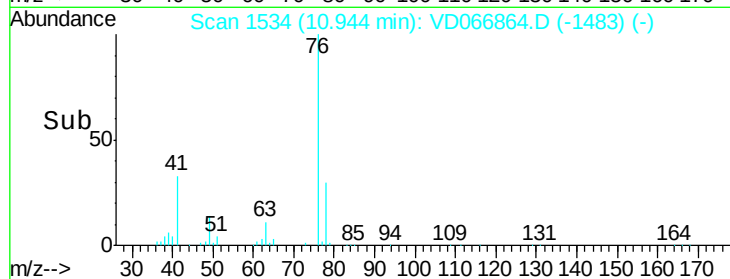
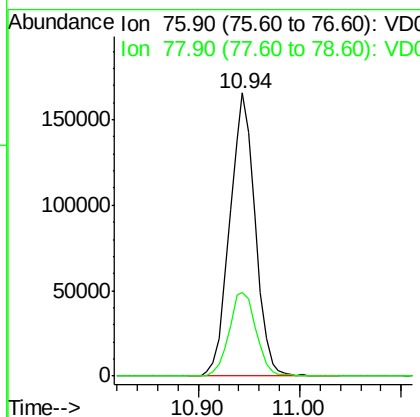
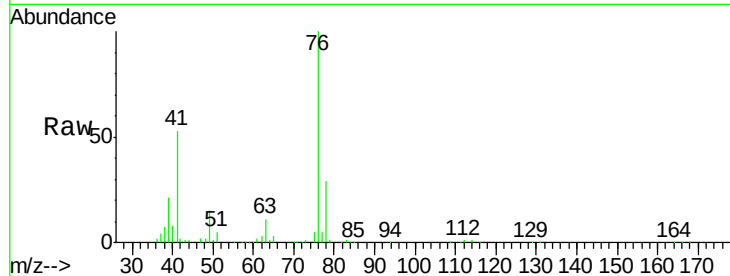
#57
 1,3-Dichloropropane
 Concen: 53.639 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.3	39.5

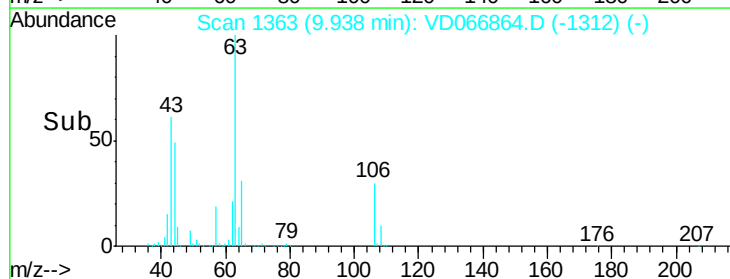
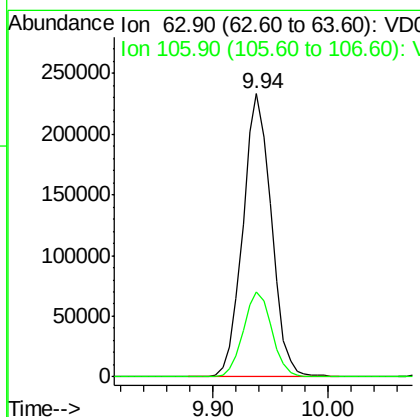
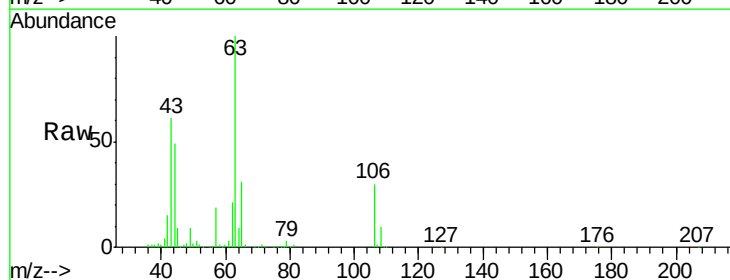
Manual Integrations
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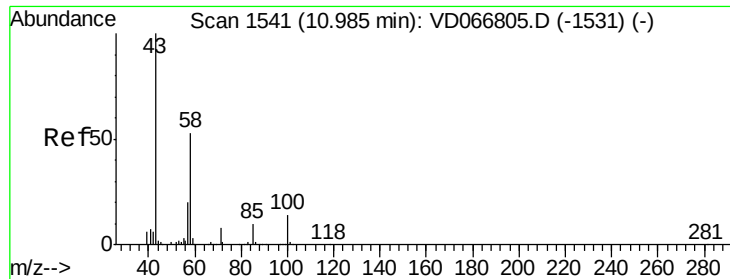
MMDadoda
 9/29/2020 11:45:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.584 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.8	35.6





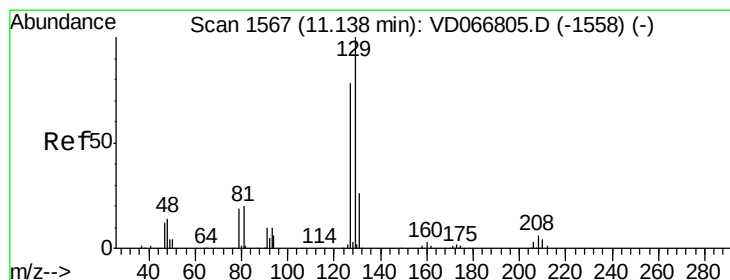
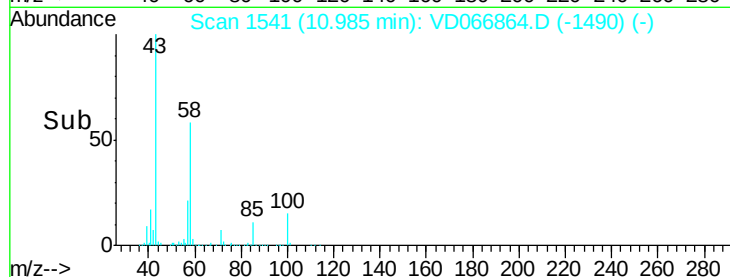
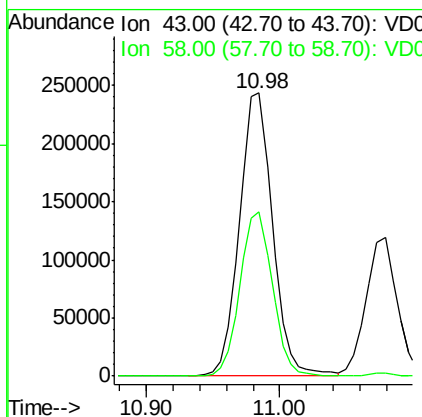
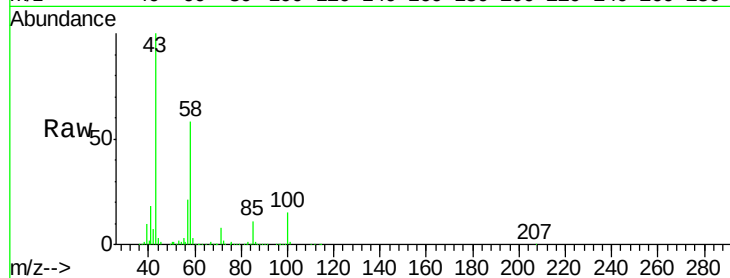
#59
2-Hexanone
Concen: 284.268 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 418805
Ion Ratio Lower Upper
43 100
58 56.8 27.0 80.8

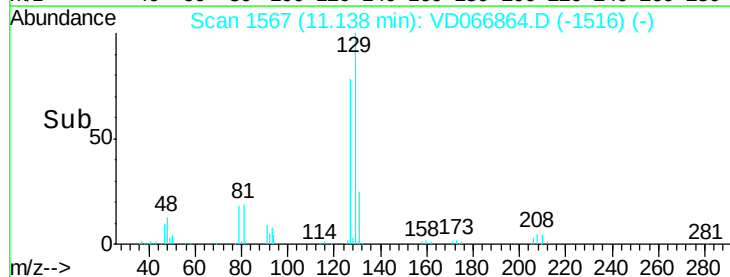
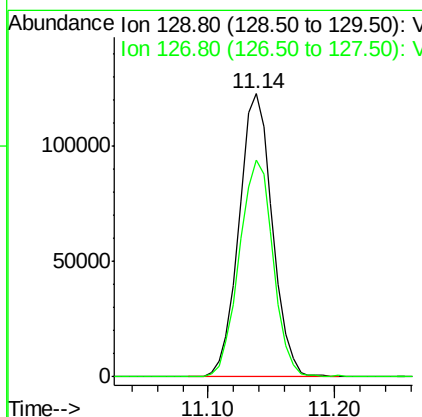
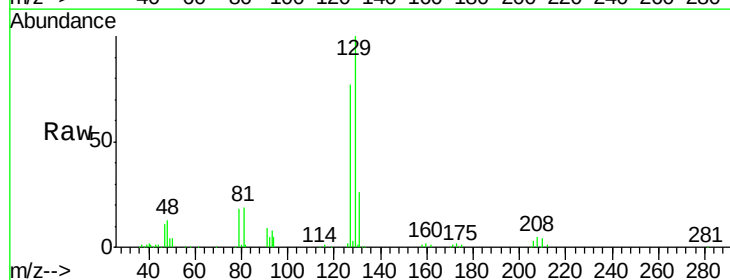
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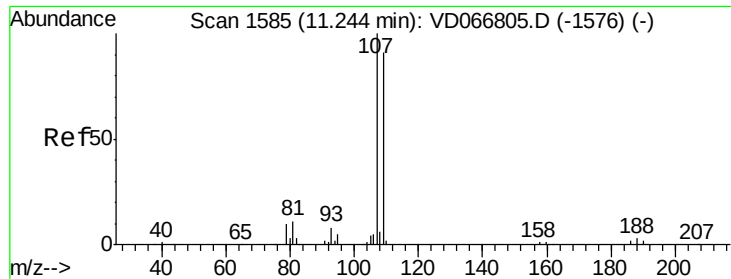
MMDadoda
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#60
Dibromochloromethane
Concen: 52.952 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 129 Resp: 223910
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





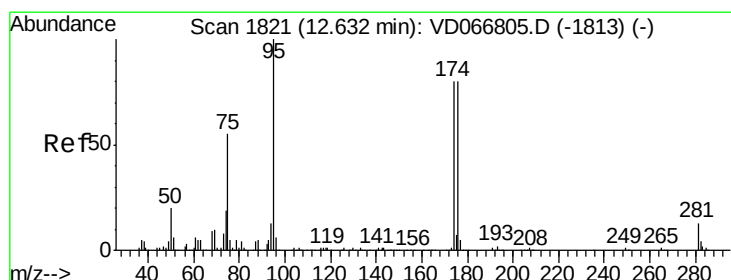
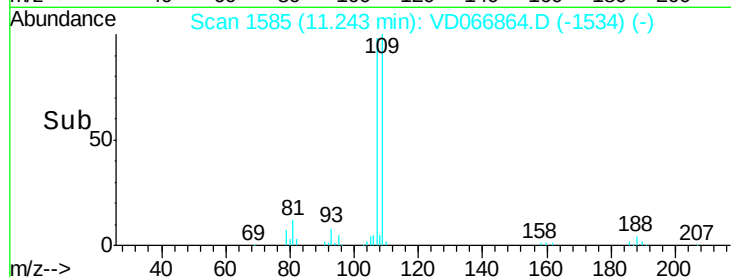
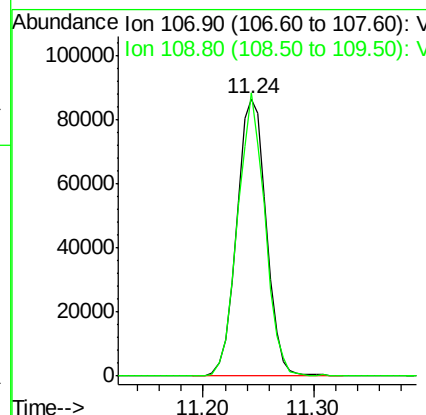
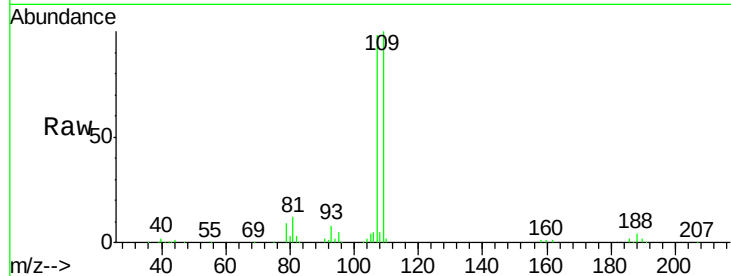
#61
 1,2-Dibromoethane
 Concen: 53.843 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.0	112.4

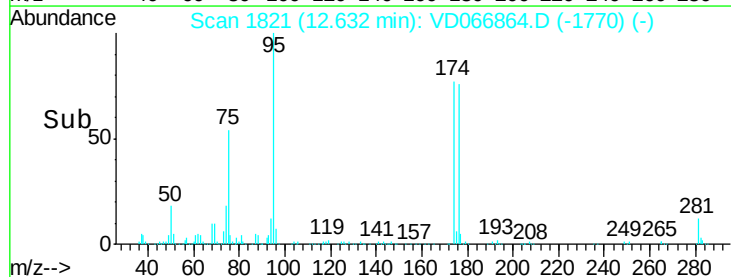
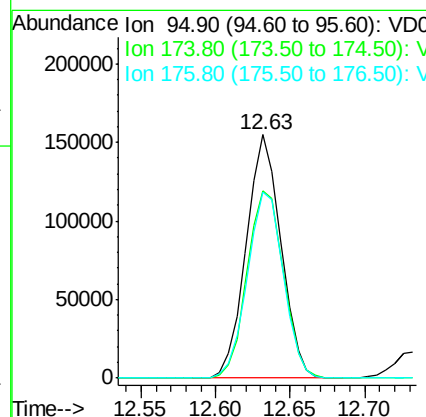
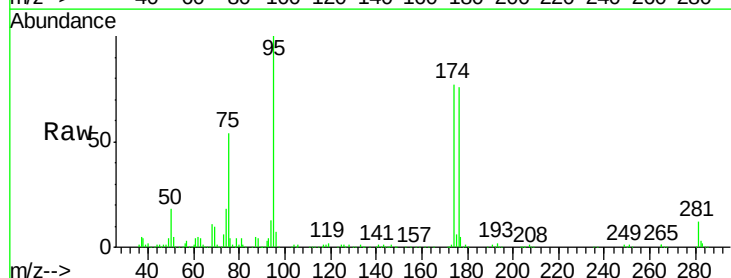
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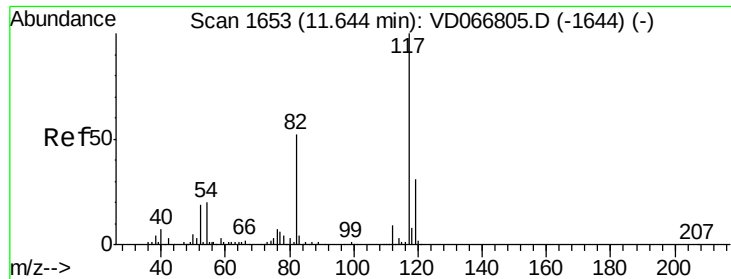
MMDadoda
 9/29/2020 11:45:13 AM



#62
 4-Bromofluorobenzene
 Concen: 53.981 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	159.8
176	78.8	0.0	154.4





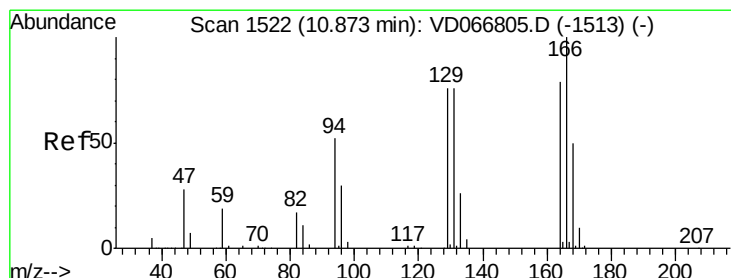
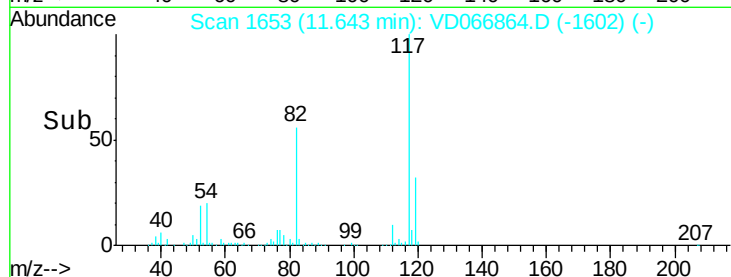
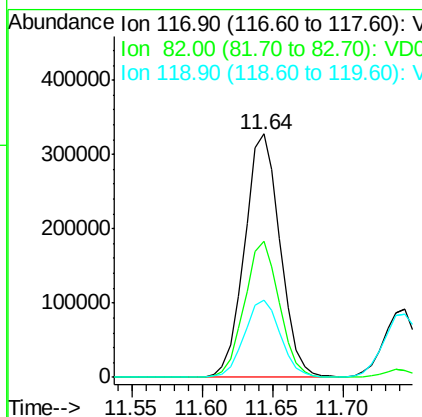
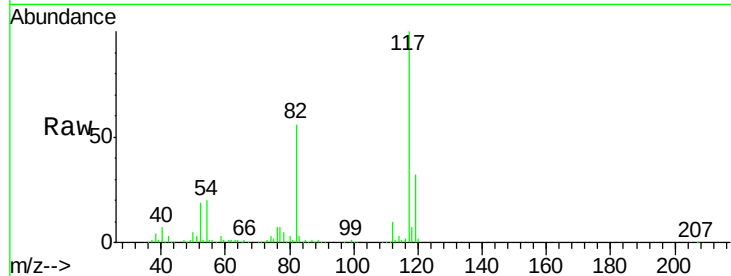
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	576395		
82	55.7		41.8	62.6
119	31.6		24.6	37.0

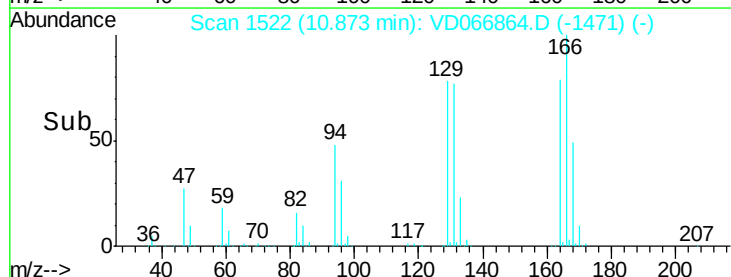
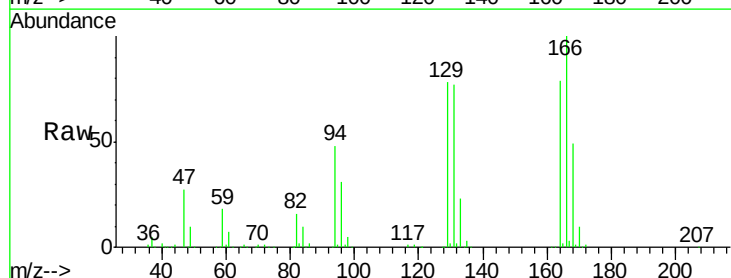
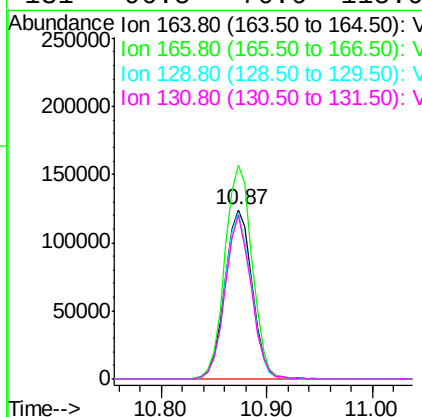
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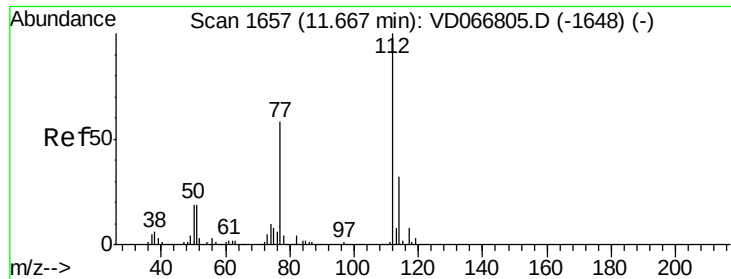
MMDadoda
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#64
Tetrachloroethene
Concen: 53.290 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220945		
166	125.9		101.1	151.7
129	98.0		77.0	115.4
131	96.5		76.6	115.0





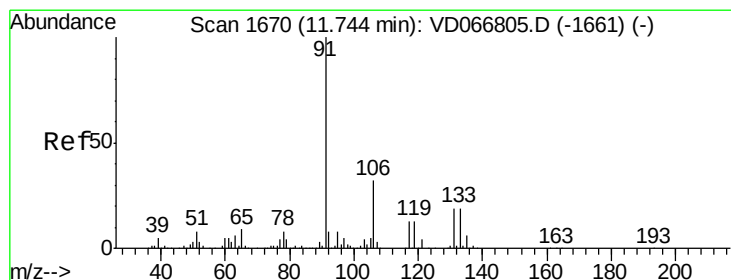
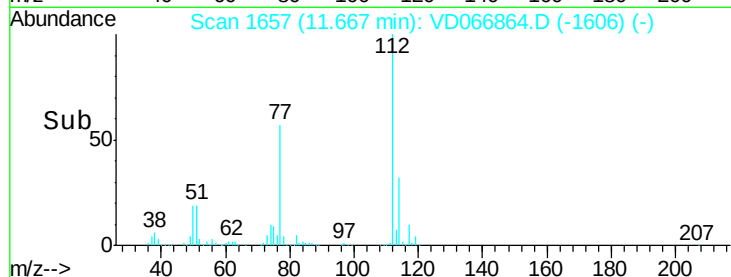
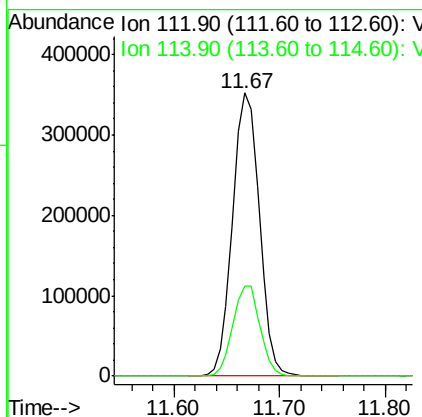
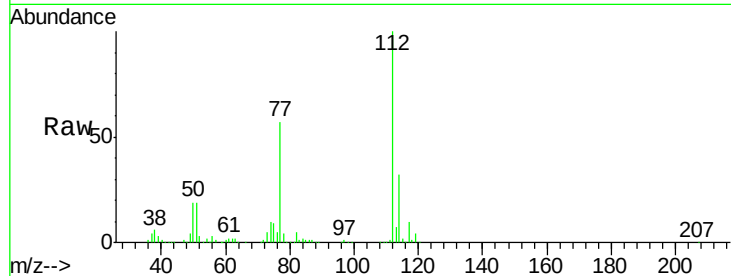
#65
Chlorobenzene
Concen: 51.497 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.2

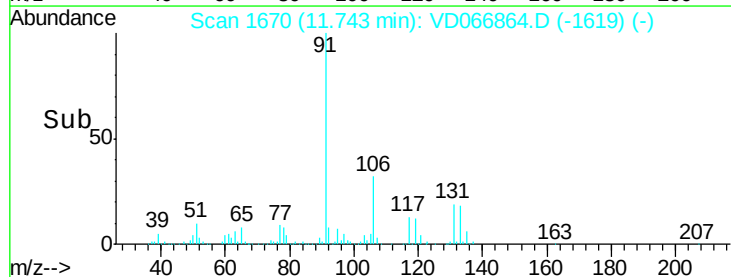
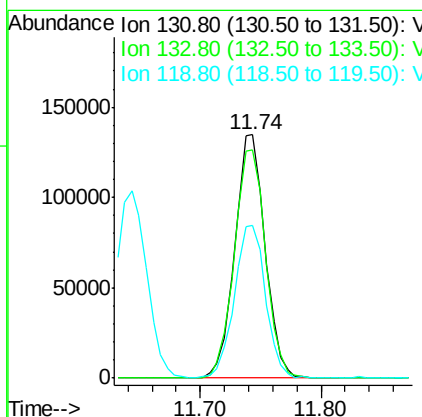
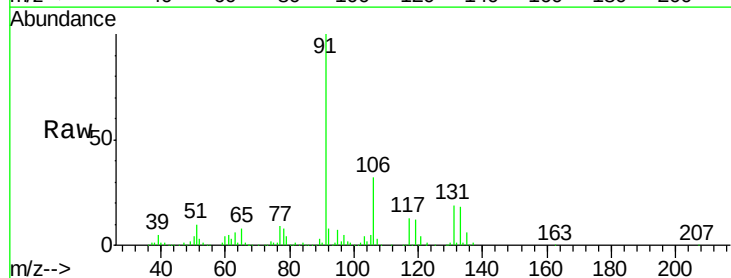
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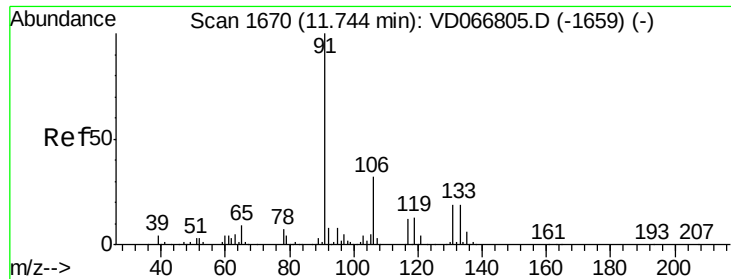
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.888 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	46.7	140.1
119	64.7	32.3	96.9





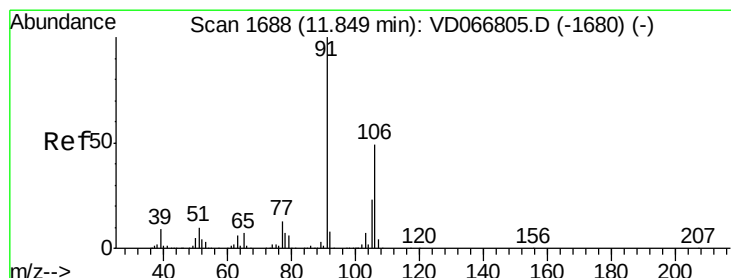
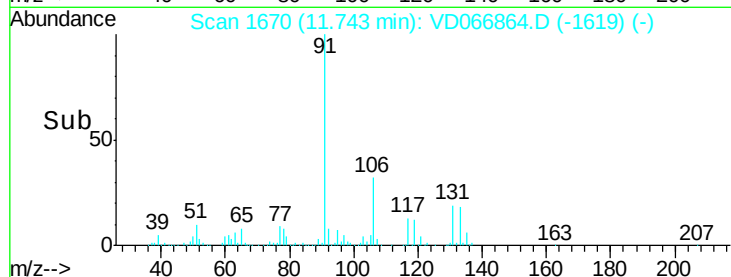
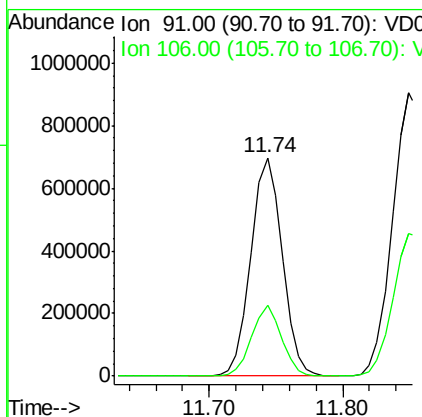
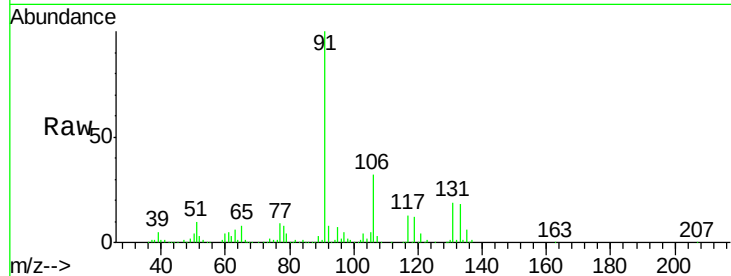
#67
Ethyl Benzene
Concen: 53.691 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1131388
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

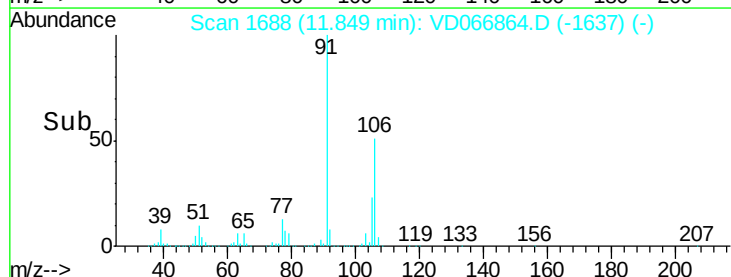
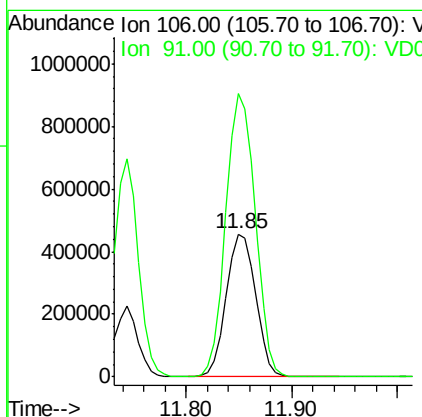
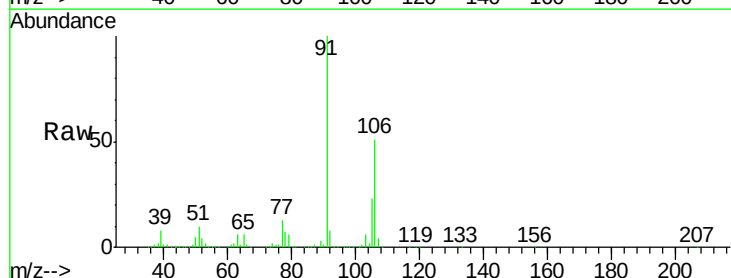
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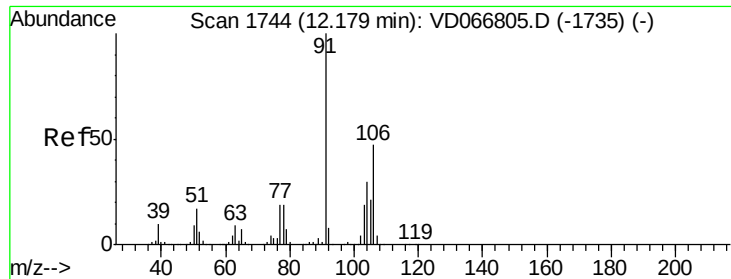
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#68
m/p-Xylenes
Concen: 110.384 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion: 106 Resp: 880670
Ion Ratio Lower Upper
106 100
91 198.2 160.7 241.1





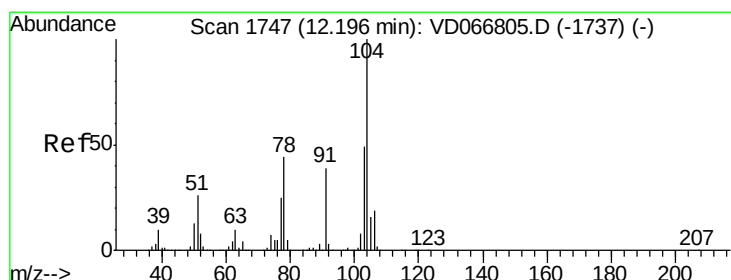
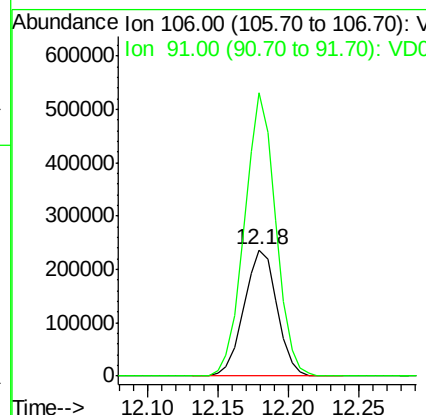
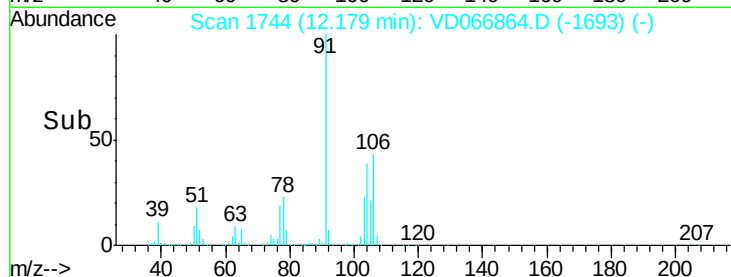
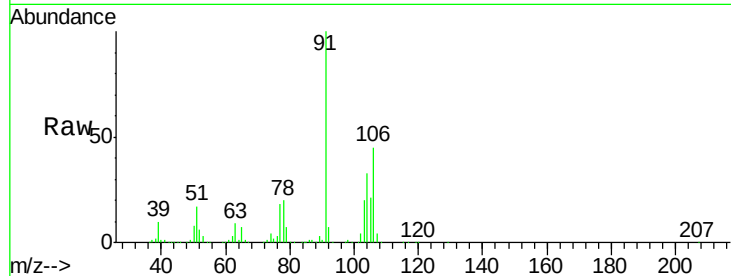
#69
o-Xylene
Concen: 53.760 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	387832		
91	212.4	106.3	318.8	

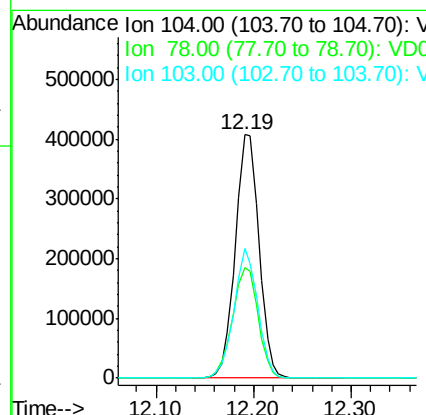
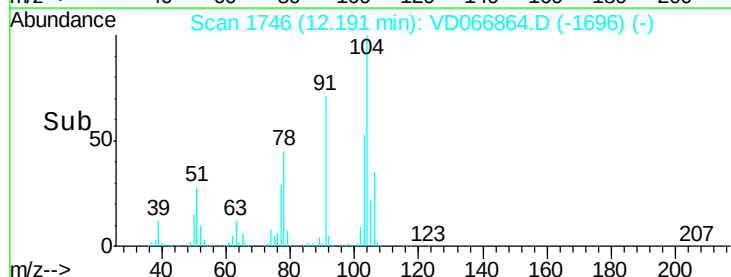
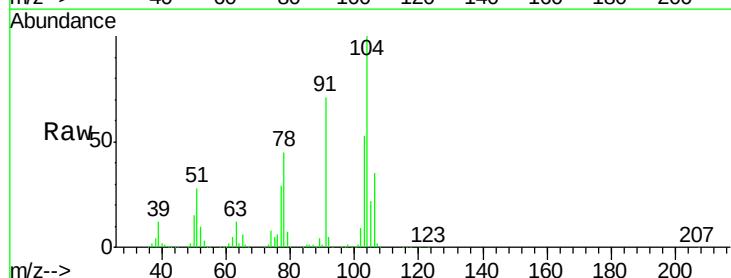
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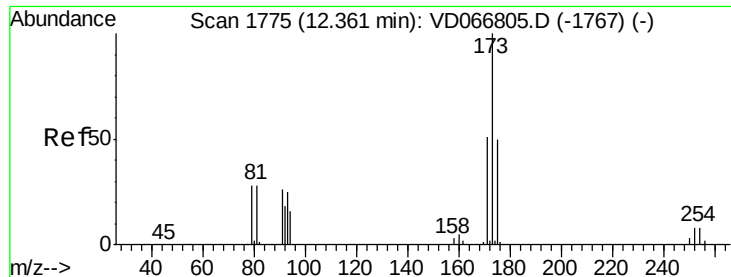
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#70
Styrene
Concen: 55.087 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	690151		
78	49.0	38.9	58.3	
103	53.2	43.2	64.8	





#71

Bromoform

Concen: 53.620 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

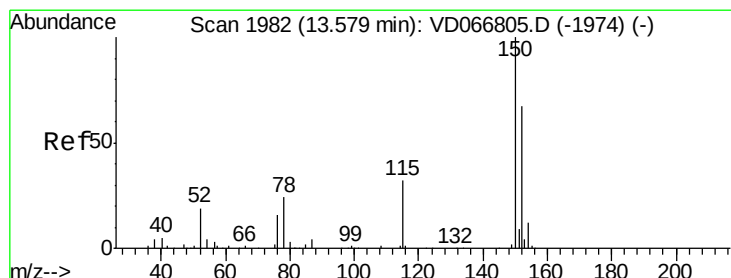
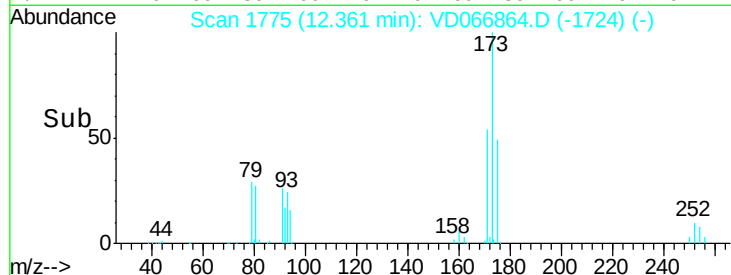
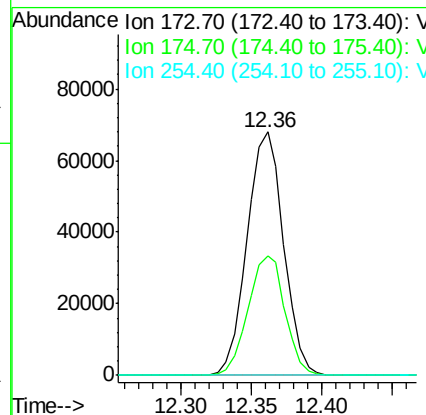
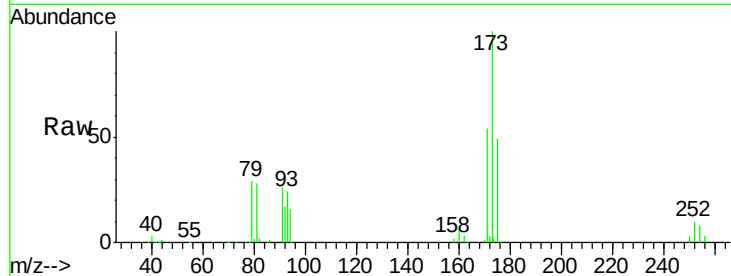
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.6
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

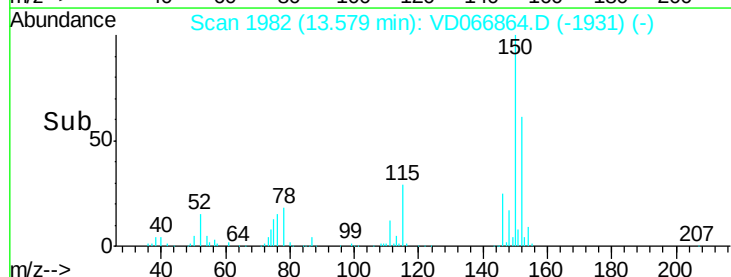
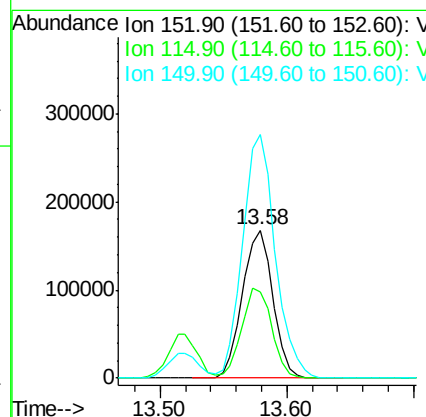
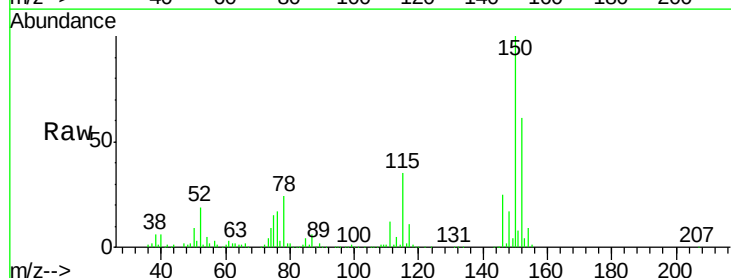
RT: 13.58 min Scan# 1982

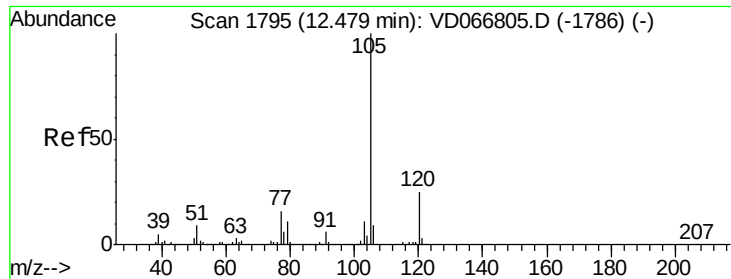
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.3	91.0
150	177.9	0.0	346.2





#73

Isopropylbenzene

Concen: 53.796 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1079549

Ion Ratio Lower Upper

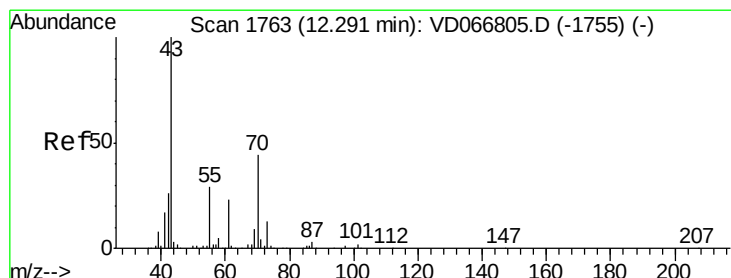
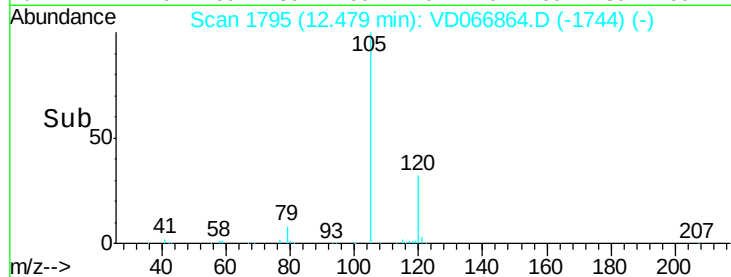
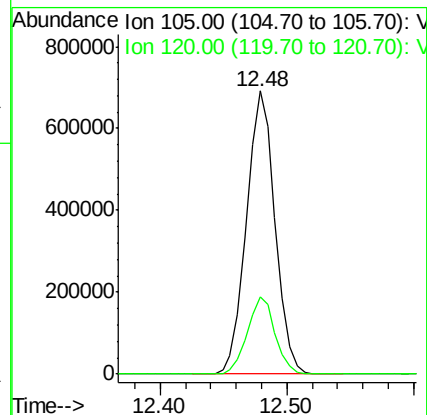
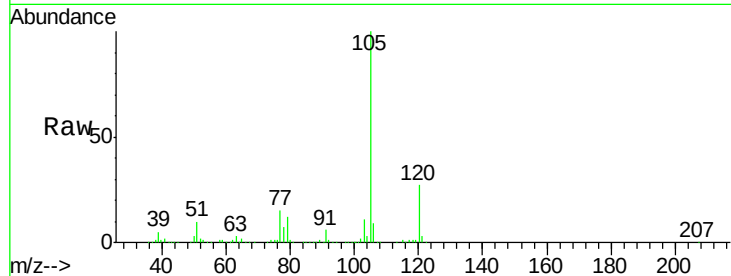
105 100

120 26.6 12.9 38.6

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#74

N-ethyl acetate

Concen: 52.038 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion: 43 Resp: 203932

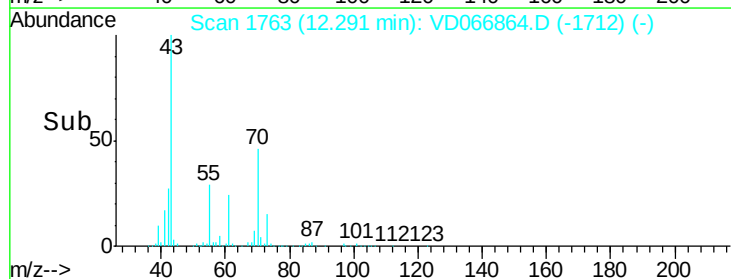
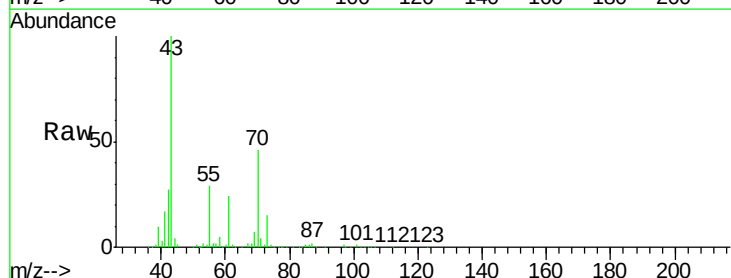
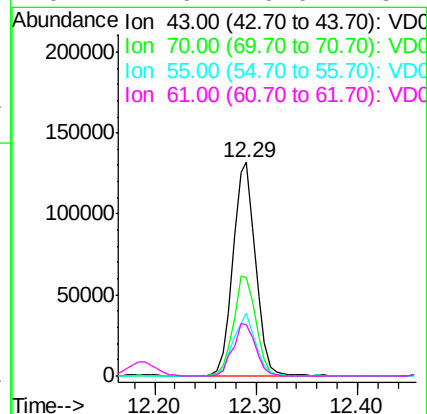
Ion Ratio Lower Upper

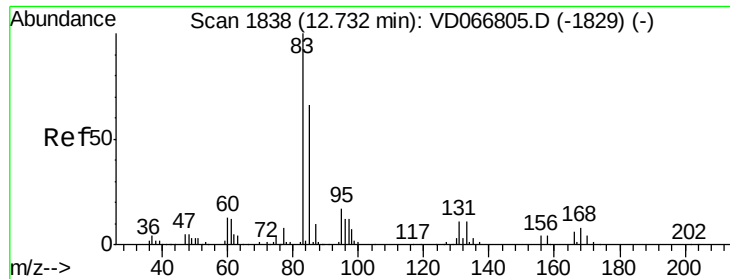
43 100

70 46.5 36.1 54.1

55 28.7 21.8 32.8

61 24.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.376 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

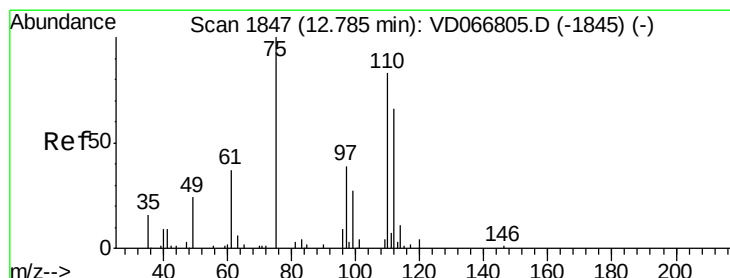
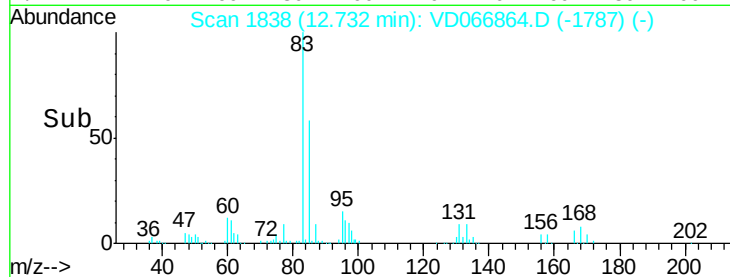
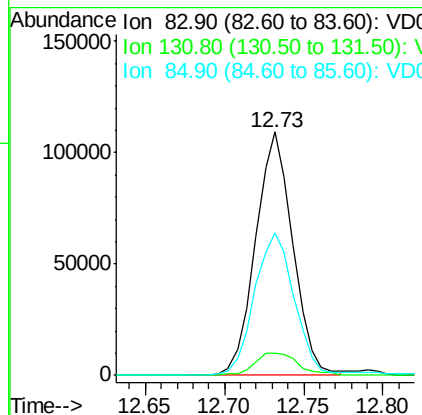
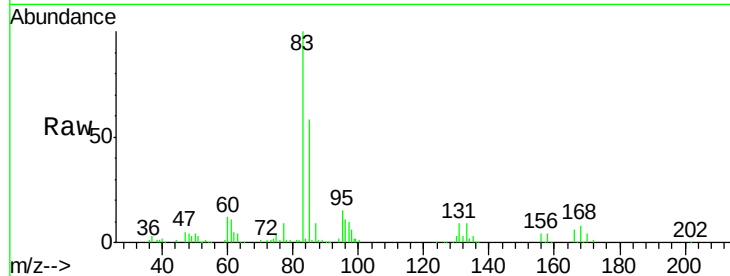
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	177902
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.7
85	62.7	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 58.996 ug/l m

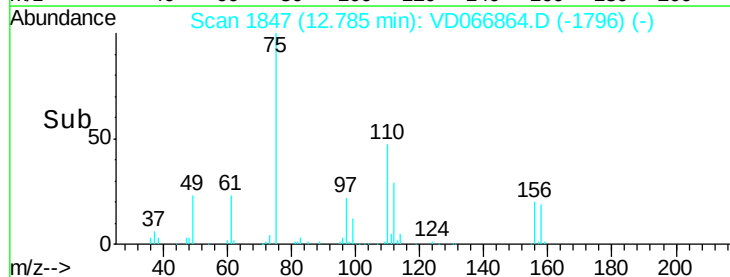
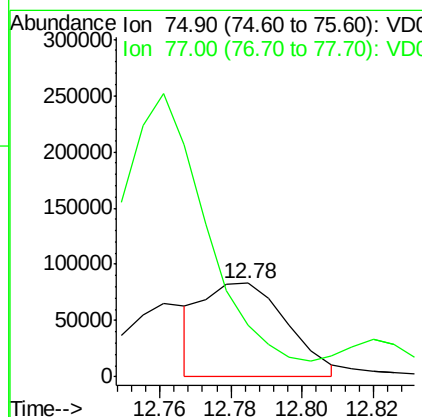
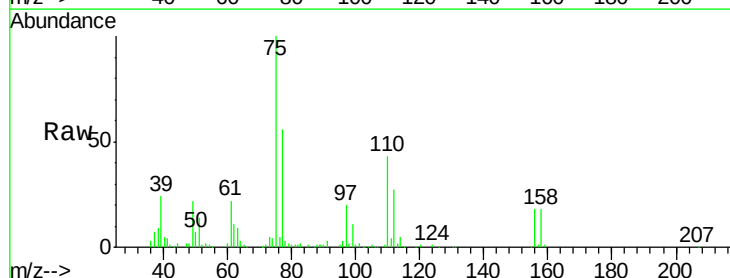
RT: 12.78 min Scan# 1847

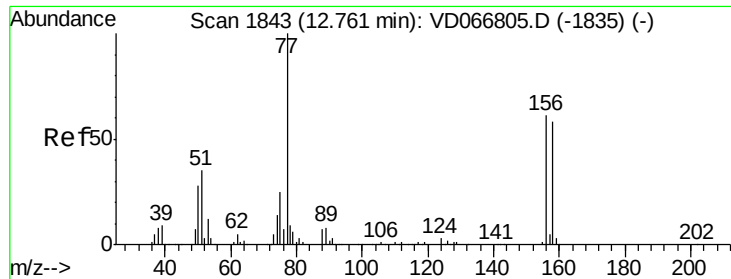
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	75	Resp:	135816
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.826 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

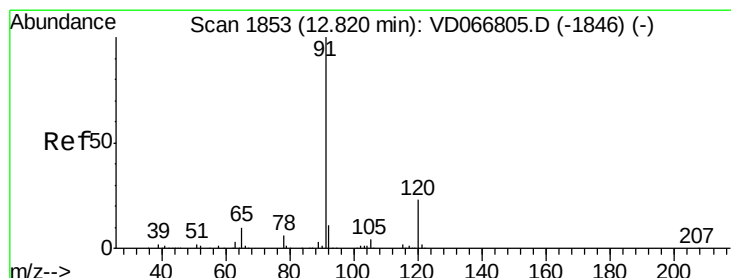
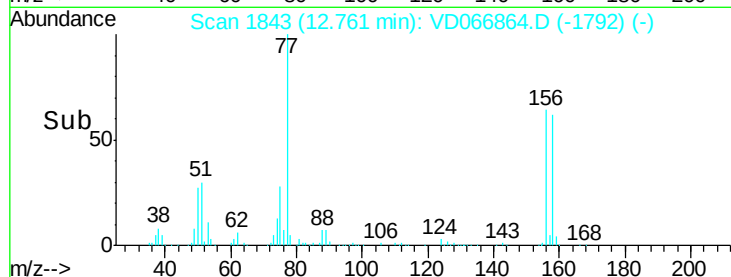
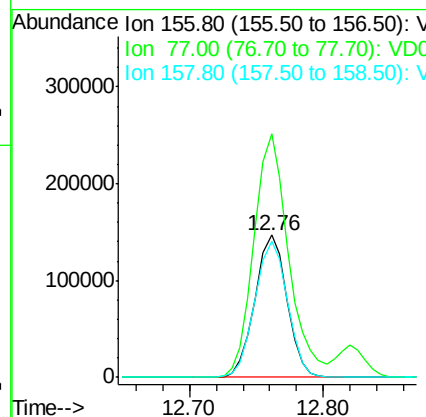
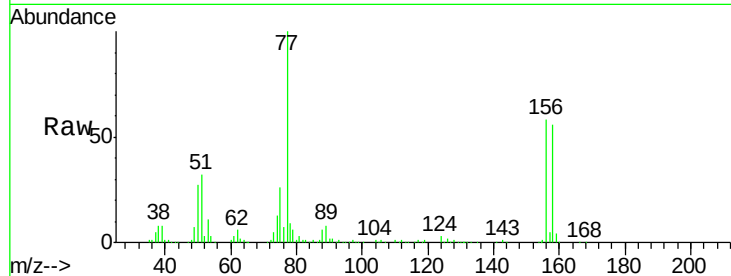
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	243237
Ion Ratio	Lower	Upper	
156	100		
77	185.7	92.3	276.9
158	97.5	47.6	142.9

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#78

n-propylbenzene

Concen: 53.994 ug/l

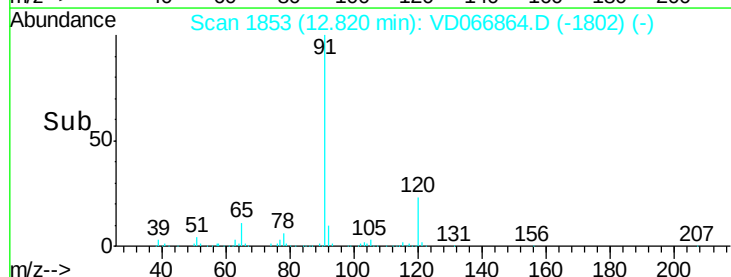
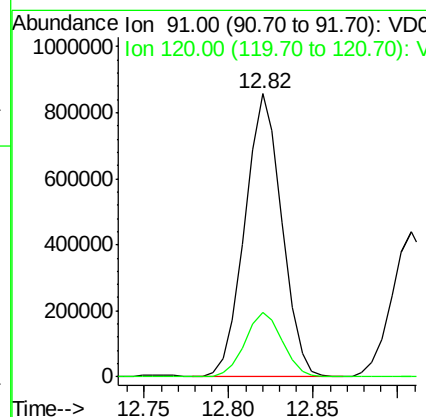
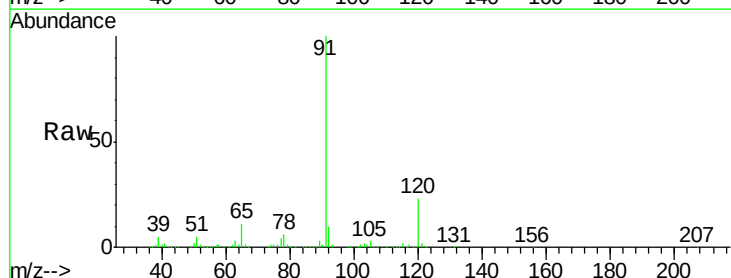
RT: 12.82 min Scan# 1853

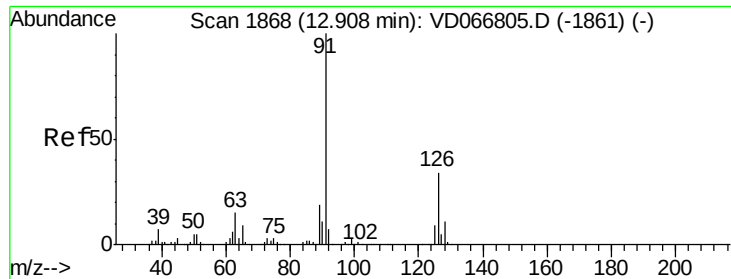
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	91	Resp:	1303548
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.4	34.2





#79

2-Chlorotoluene

Concen: 52.024 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 715726

Ion Ratio Lower Upper

91 100

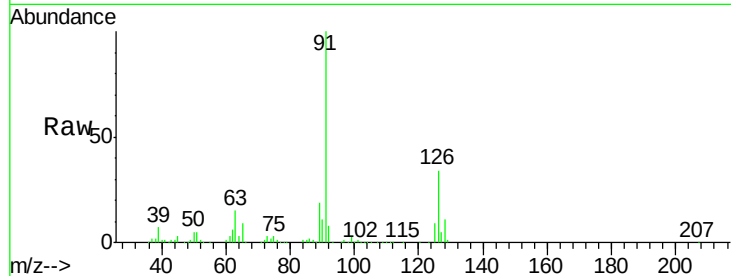
126 34.1 17.0 51.0

Manual Integrations

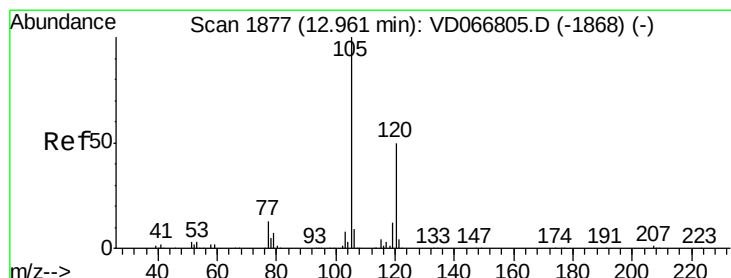
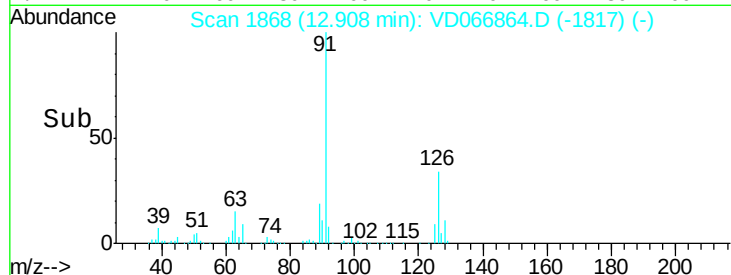
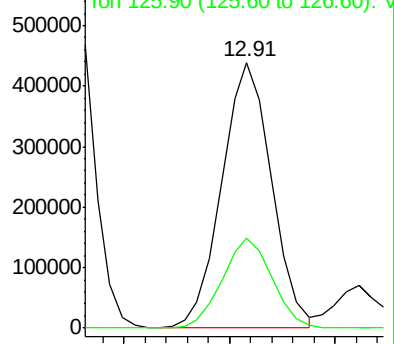
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Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.329 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066864.D

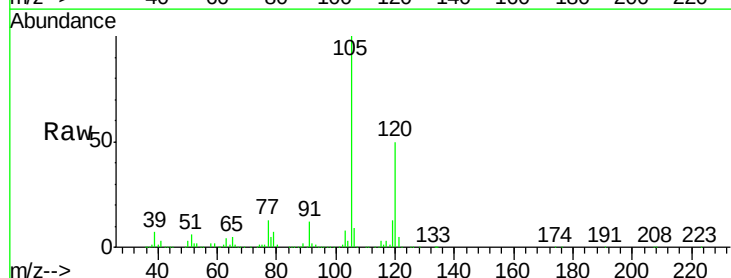
Acq: 25 Sep 2020 10:36

Tgt Ion: 105 Resp: 925085

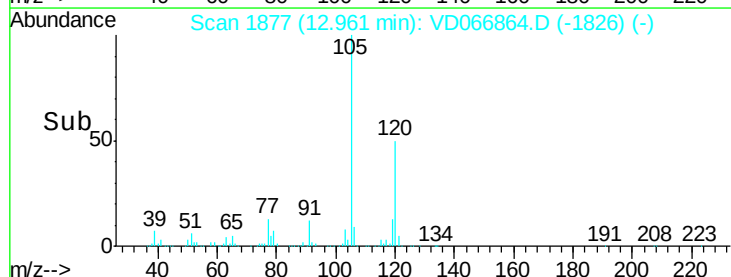
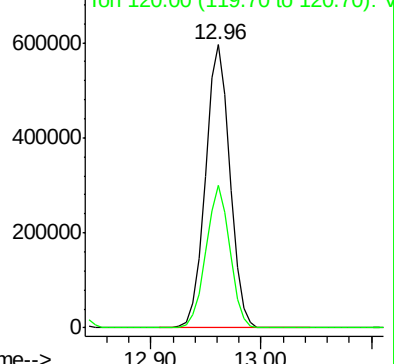
Ion Ratio Lower Upper

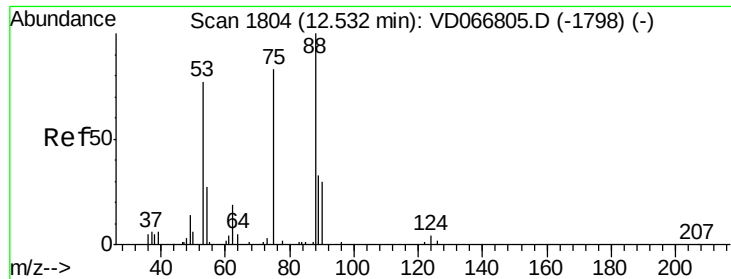
105 100

120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.959 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

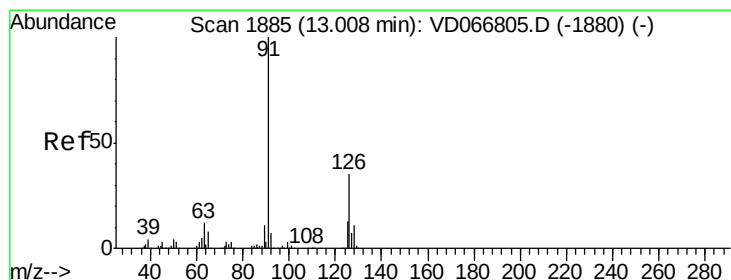
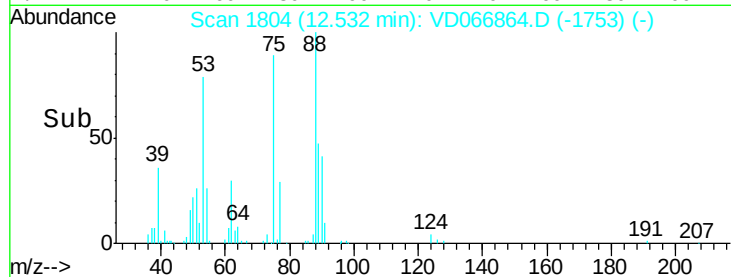
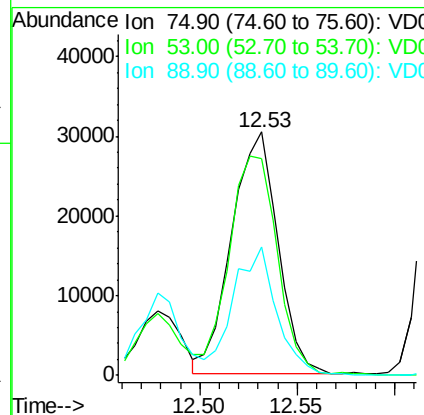
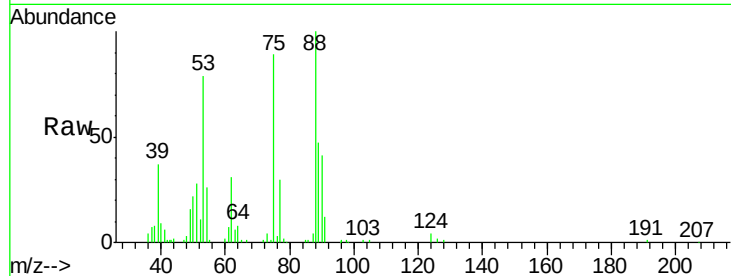
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	49650
Ion	Ratio	Lower	Upper
75	100		
53	94.3	78.5	117.7
89	50.2	38.1	57.1

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#82

4-Chlorotoluene

Concen: 52.562 ug/l

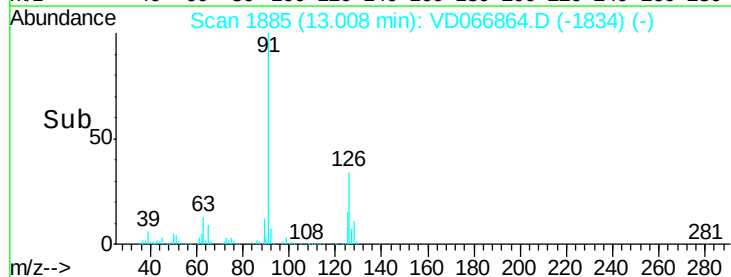
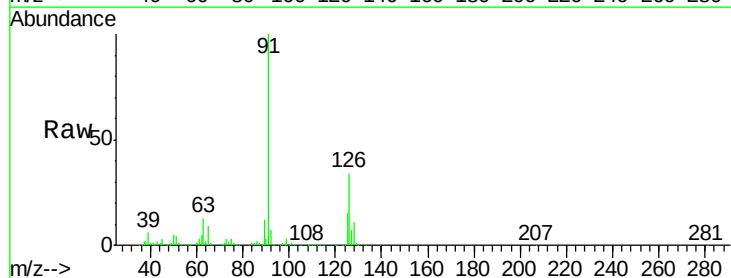
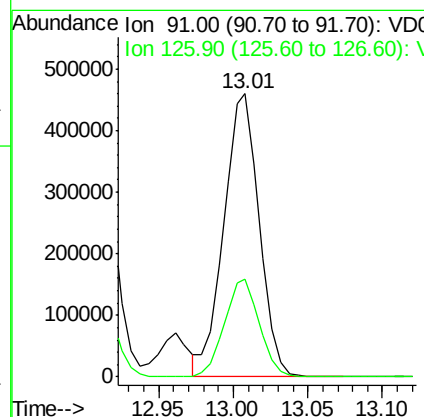
RT: 13.01 min Scan# 1885

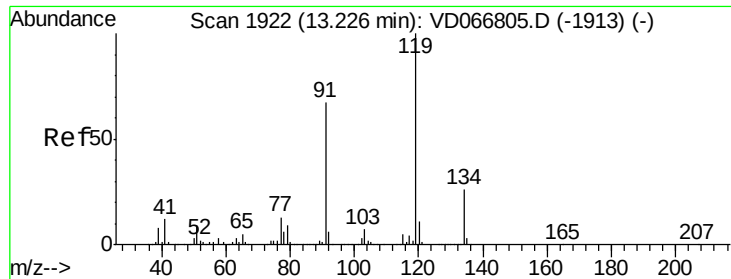
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	91	Resp:	762276
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





#83

tert-Butylbenzene

Concen: 54.602 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

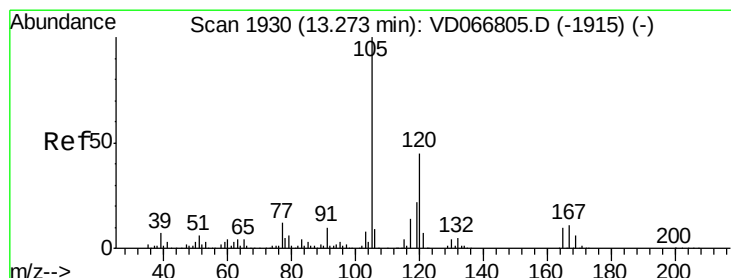
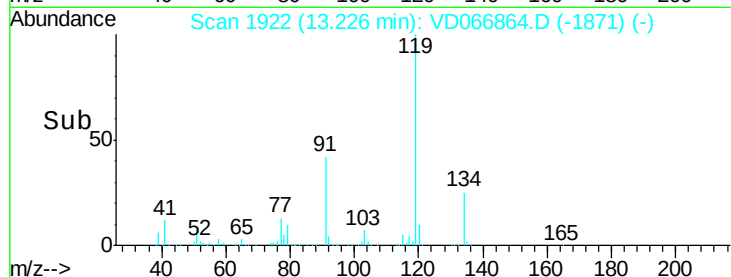
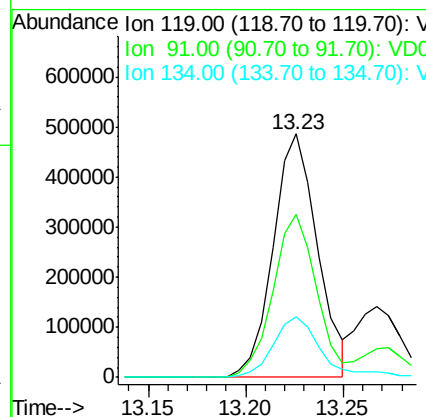
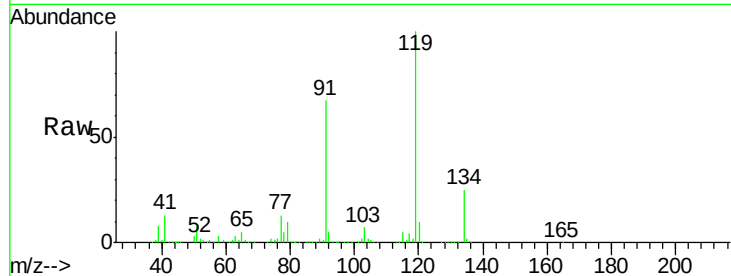
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	763985
Ion Ratio	Lower	Upper	
119	100		
91	66.7	33.6	100.8
134	27.0	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 54.406 ug/l

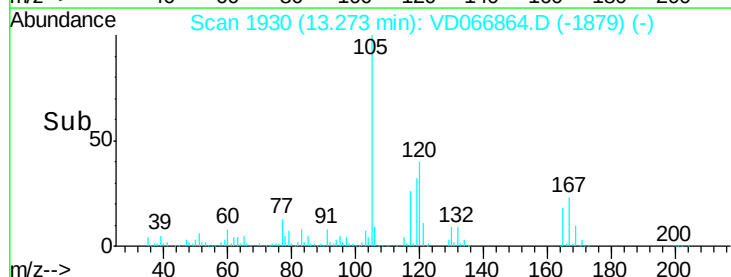
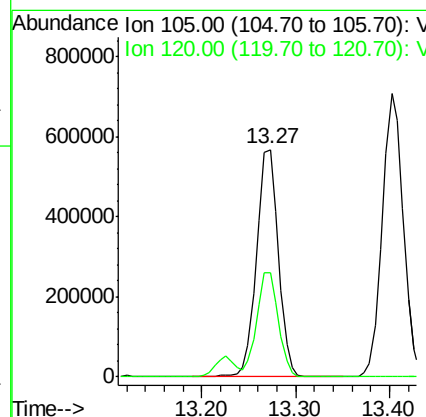
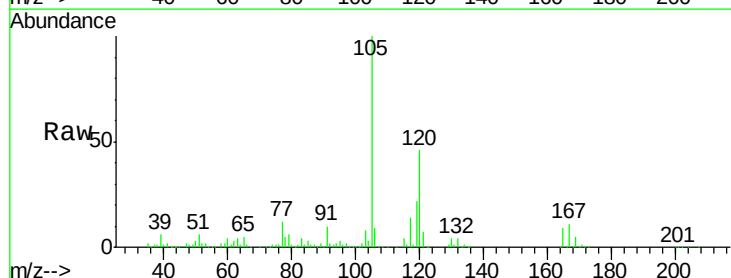
RT: 13.27 min Scan# 1930

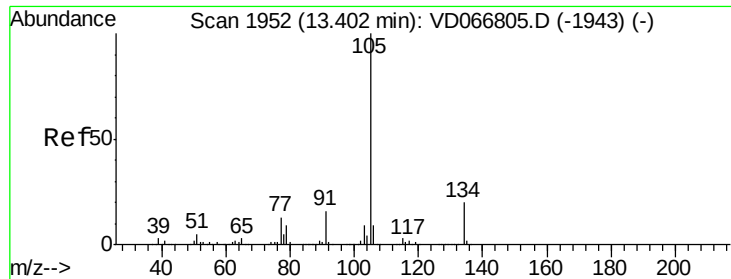
Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	105	Resp:	918639
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.3	66.9





#85

sec-Butylbenzene

Concen: 54.458 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1095716

Ion Ratio Lower Upper

105 100

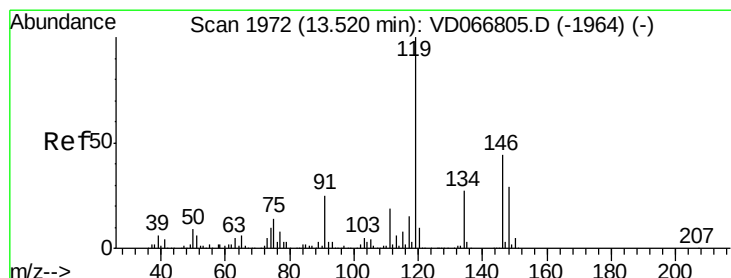
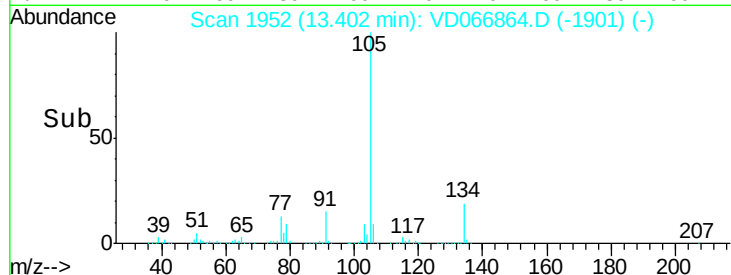
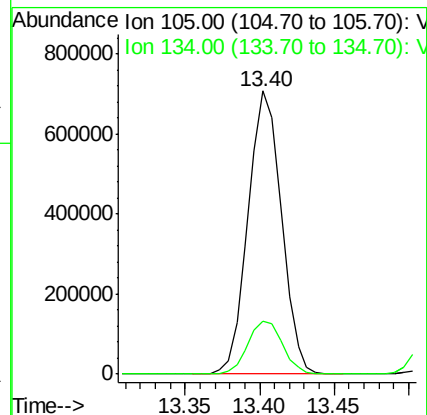
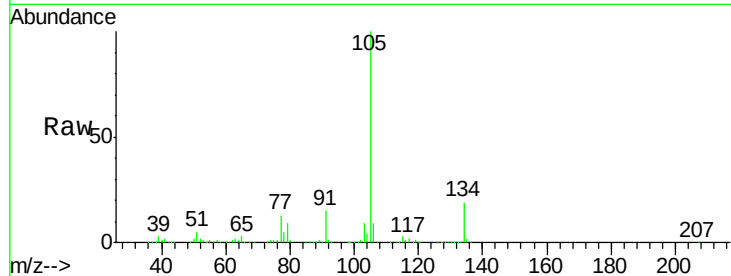
134 19.5 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 56.147 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

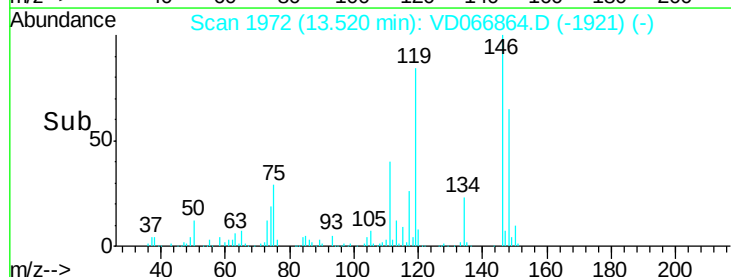
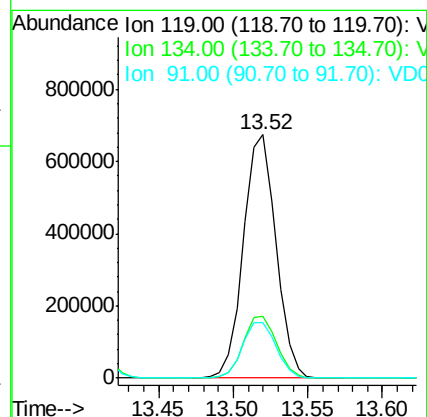
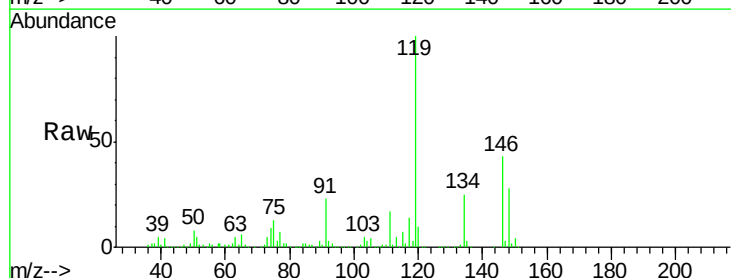
Tgt Ion:119 Resp: 1018306

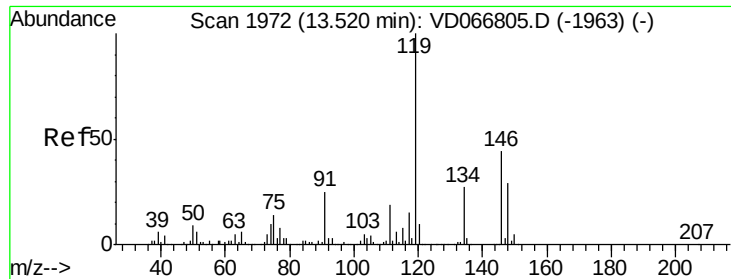
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.5 12.0 36.1





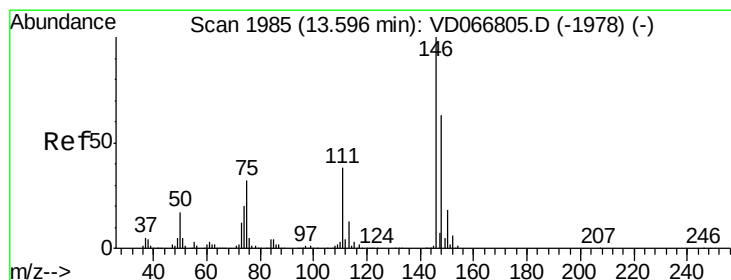
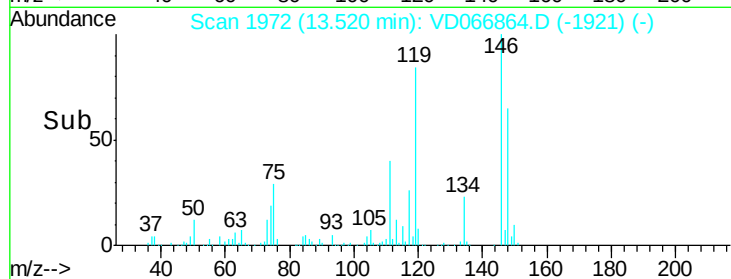
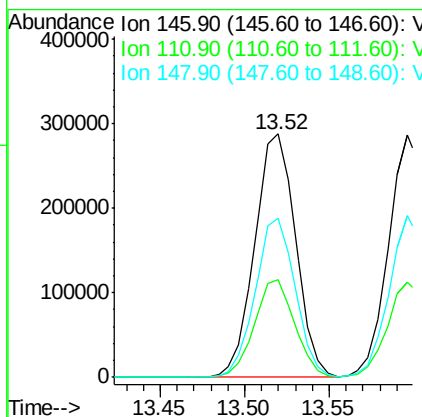
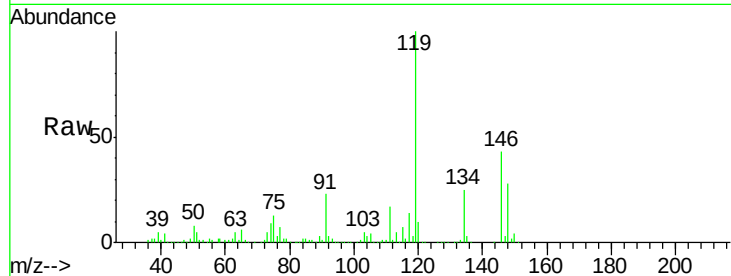
#87
 1,3-Dichlorobenzene
 Concen: 52.388 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	485764		
111	39.6	20.3	60.9	
148	63.7	31.9	95.5	

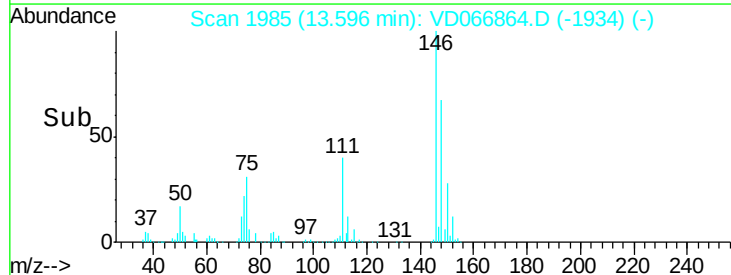
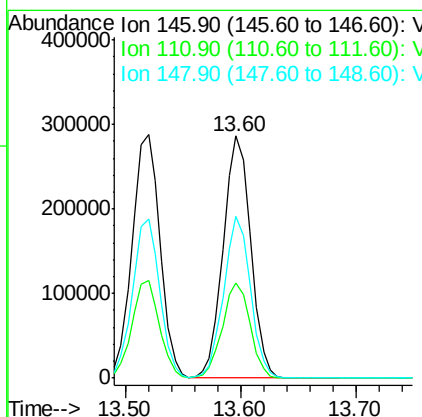
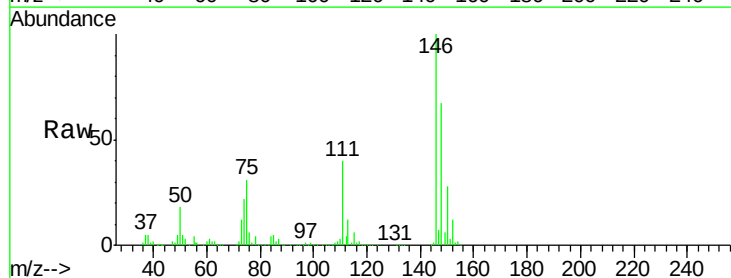
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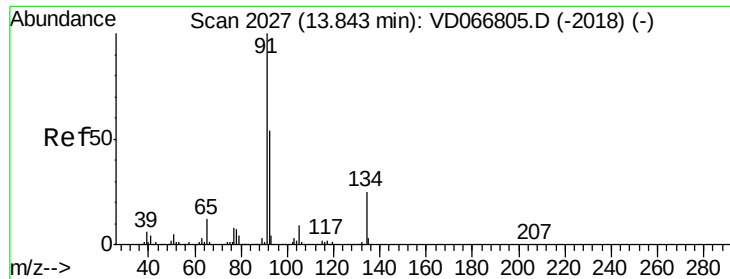
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#88
 1,4-Dichlorobenzene
 Concen: 51.369 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	473080		
111	40.0	20.2	60.5	
148	65.0	31.6	94.7	





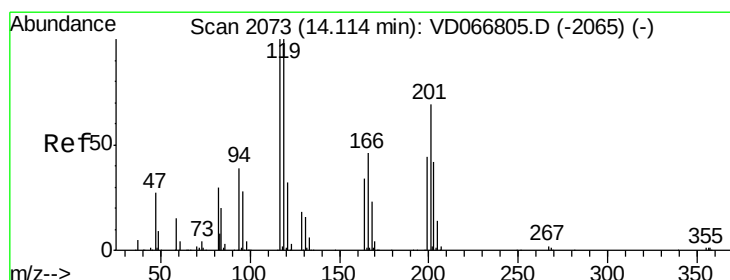
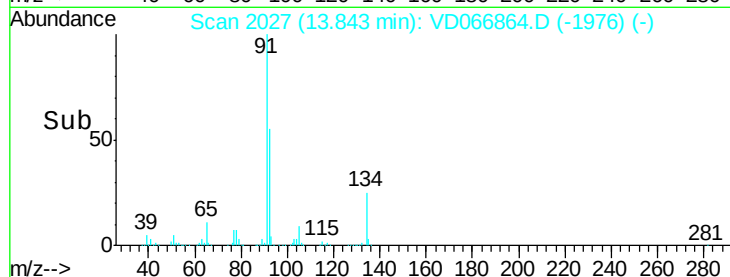
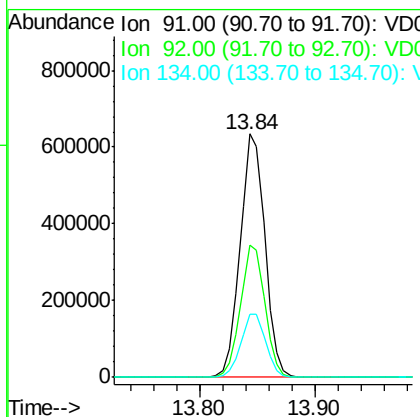
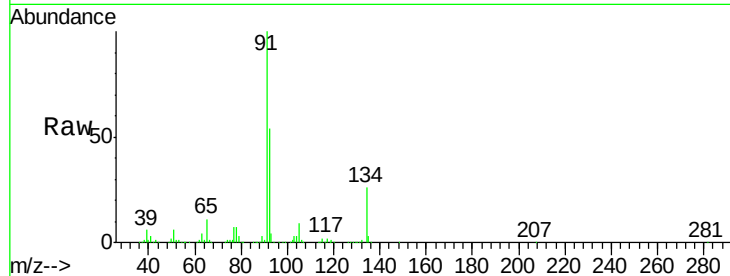
#89
n-Butylbenzene
Concen: 54.543 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.0
134	26.3	13.1	39.1

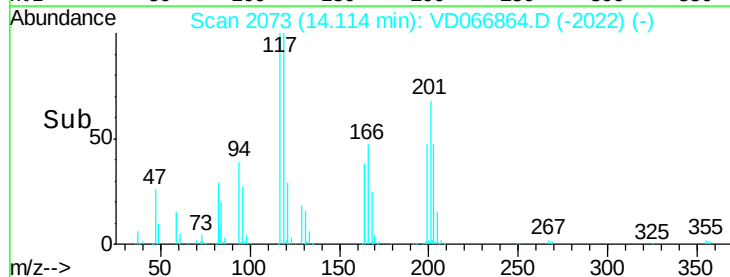
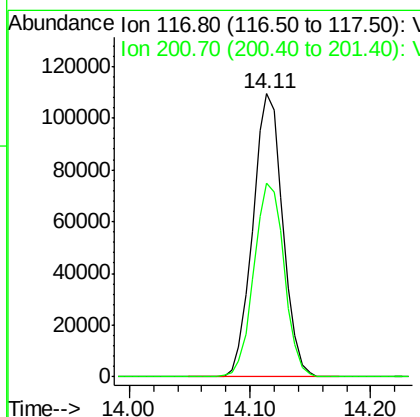
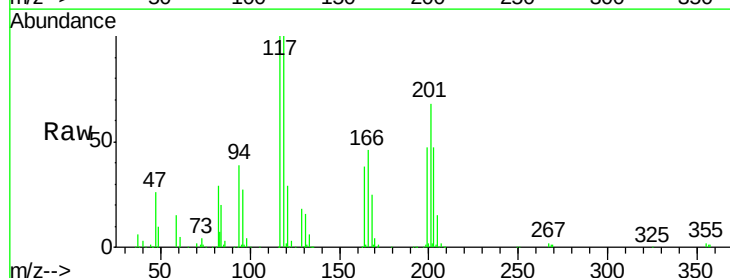
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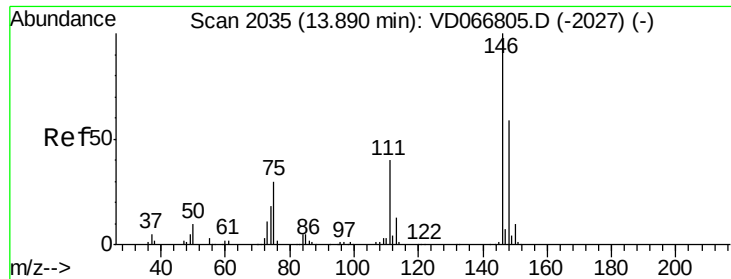
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#90
Hexachloroethane
Concen: 51.460 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066864.D
Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	33.7	101.0





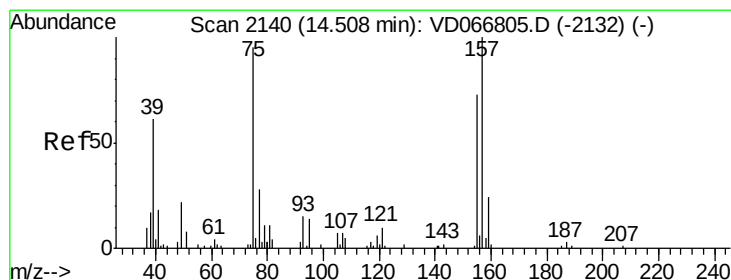
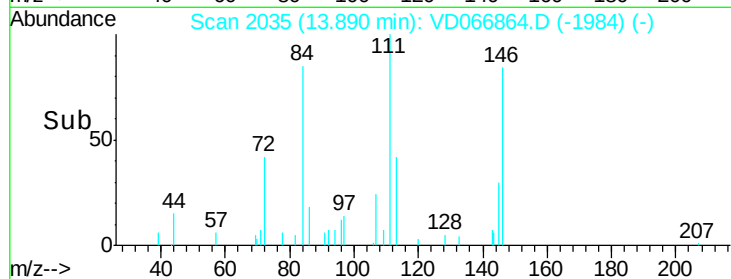
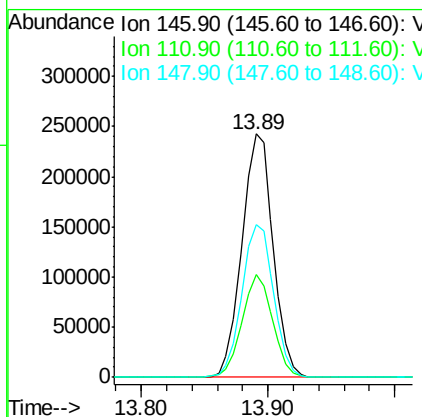
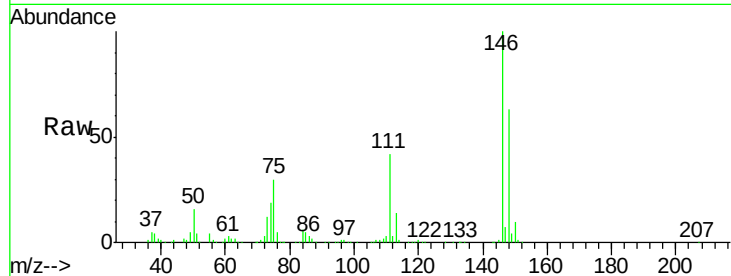
#91
 1,2-Dichlorobenzene
 Concen: 52.134 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	413577		
111	41.4	20.9	62.7	
148	63.8	31.8	95.3	

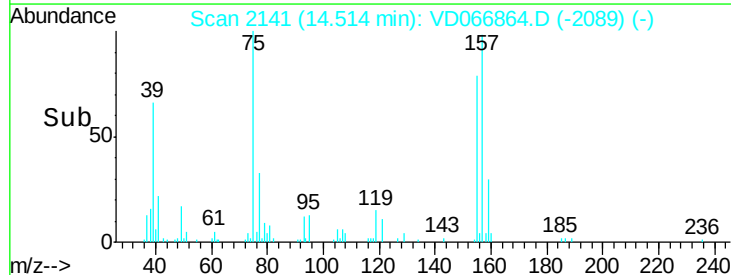
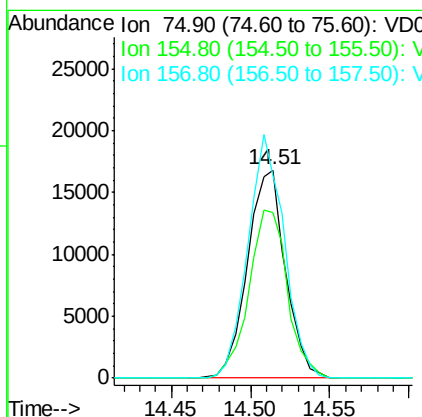
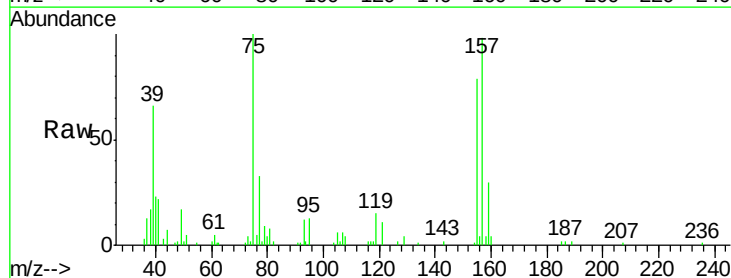
Manual Integrations
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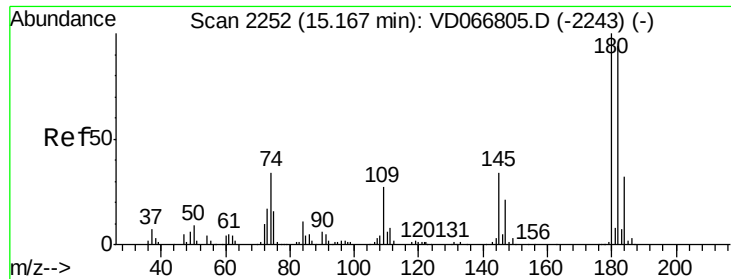
MMDadoda
 9/29/2020 11:45:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.388 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28068		
155	81.8	40.4	121.2	
157	111.6	51.3	153.9	





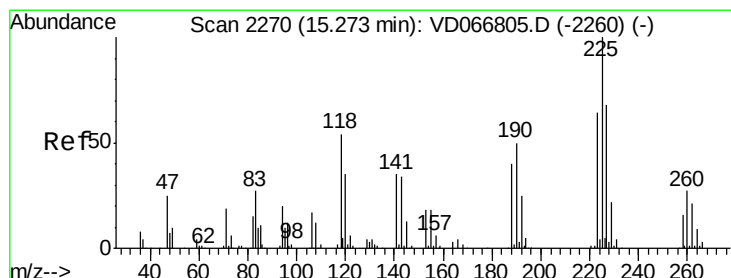
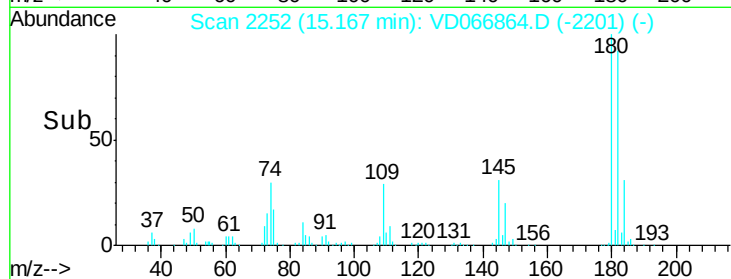
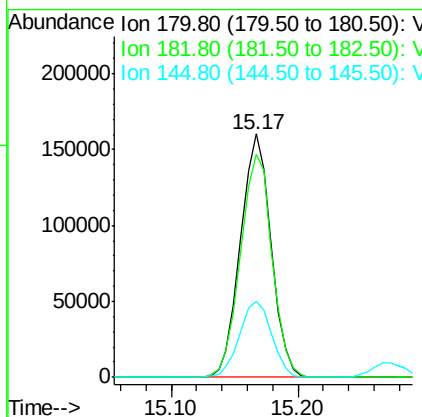
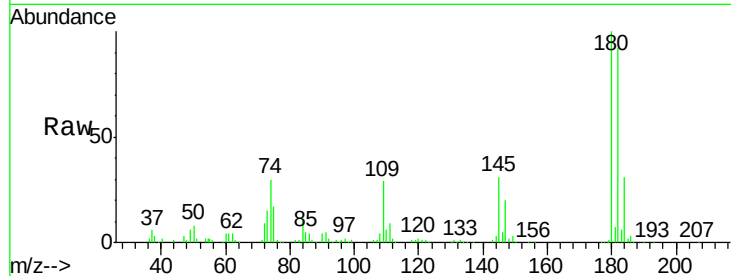
#93
 1,2,4-Trichlorobenzene
 Concen: 53.717 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	268256		
182	95.0	48.8	146.3	
145	33.2	16.7	50.0	

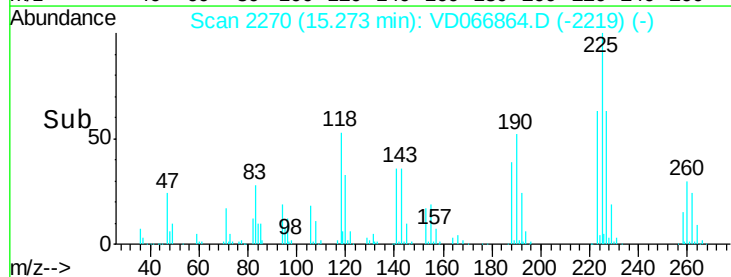
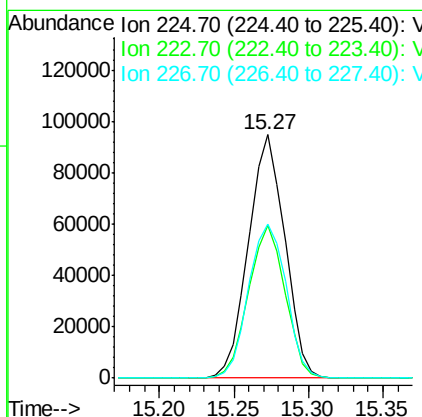
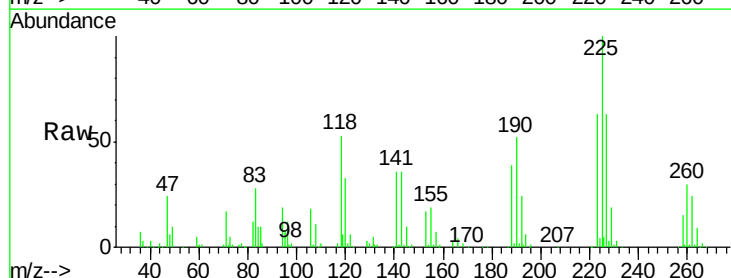
Manual Integrations
 APPROVED

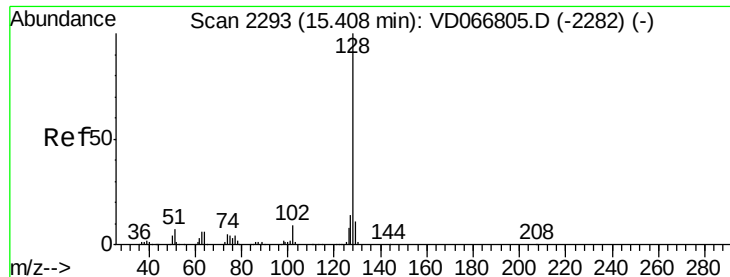
MMDadoda
 9/29/2020 11:45:13 AM



#94
 Hexachlorobutadiene
 Concen: 53.530 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066864.D
 Acq: 25 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160191		
223	62.7	31.1	93.3	
227	65.4	31.7	95.1	





#95

Naphthalene

Concen: 55.592 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Instrument :

MSVOA_D

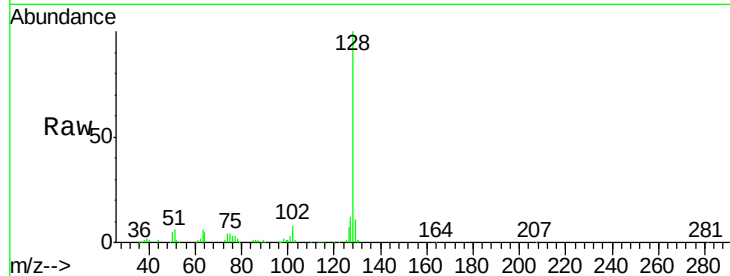
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	471329
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
APPROVED

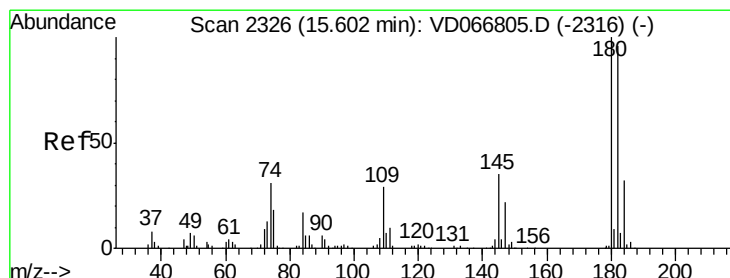
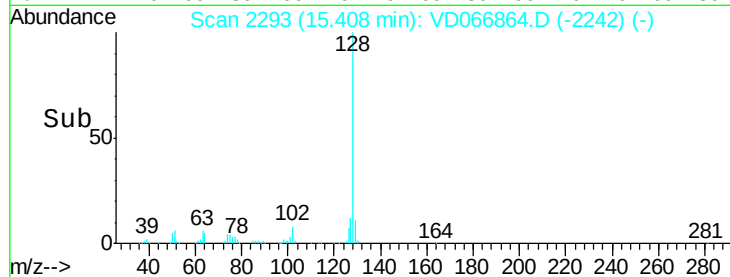
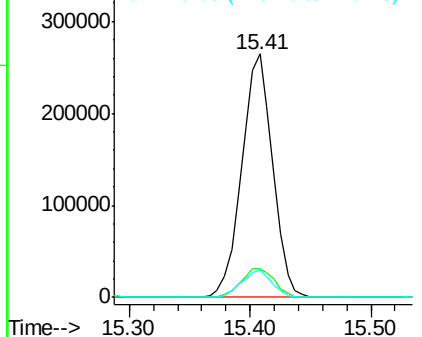
MMDadoda
9/29/2020 11:45:13 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.332 ug/l

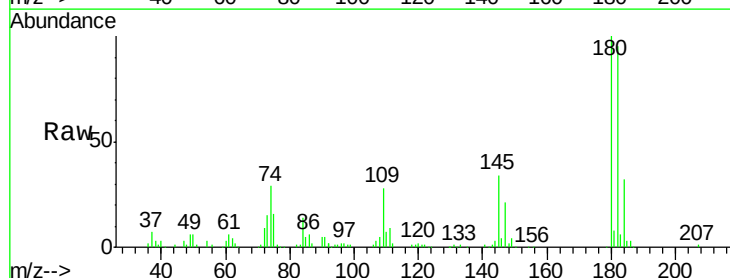
RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066864.D

Acq: 25 Sep 2020 10:36

Tgt Ion:	180	Resp:	234186
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.8	140.3
145	33.9	17.0	51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

