

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066640.D
 Acq On : 11 Sep 2020 04:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:18:05 AM

Quant Time: Sep 11 04:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	319326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	569893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	540709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218851	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.91	113	204538	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.34	98	751925	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.63	95	252645	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113459	42.431	ug/l	92
3) Chloromethane	2.21	50	179293	44.398	ug/l	98
4) Vinyl Chloride	2.35	62	181650	40.556	ug/l	97
5) Bromomethane	2.77	94	133601	46.899	ug/l #	78
6) Chloroethane	2.92	64	119676	42.067	ug/l	99
7) Trichlorofluoromethane	3.27	101	276911	41.850	ug/l	99
8) Diethyl Ether	3.71	74	82910	49.761	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	153137	42.764	ug/l	96
10) Methyl Iodide	4.30	142	150813	46.479	ug/l	99
11) Tert butyl alcohol	5.21	59	51939m	207.142	ug/l	
12) 1,1-Dichloroethene	4.07	96	147774	45.932	ug/l	85
13) Acrolein	3.92	56	41030	259.726	ug/l	97
14) Allyl chloride	4.71	41	260163	49.342	ug/l	98
15) Acrylonitrile	5.41	53	199558	278.810	ug/l	99
16) Acetone	4.16	43	154143	216.834	ug/l	95
17) Carbon Disulfide	4.40	76	470362	44.473	ug/l	97
18) Methyl Acetate	4.71	43	93606	55.238	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	403284	53.454	ug/l	98
20) Methylene Chloride	4.97	84	216107	56.664	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	187047	48.959	ug/l	96
22) Diisopropyl ether	6.36	45	597677	55.122	ug/l	97
23) Vinyl Acetate	6.30	43	1667618	270.265	ug/l	100
24) 1,1-Dichloroethane	6.26	63	346384	50.800	ug/l	97
25) 2-Butanone	7.21	43	239063	250.517	ug/l	91
26) 2,2-Dichloropropane	7.21	77	255555	40.859	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	211250	51.419	ug/l	99
28) Bromochloromethane	7.54	49	155541	59.252	ug/l	99
29) Tetrahydrofuran	7.56	42	165577	278.601	ug/l	99
30) Chloroform	7.71	83	375924	52.113	ug/l	98
31) Cyclohexane	7.98	56	264161	41.911	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	319182	47.062	ug/l	98
36) 1,1-Dichloropropene	8.11	75	259703	43.789	ug/l	100
37) Ethyl Acetate	7.29	43	122538	51.887	ug/l	98
38) Carbon Tetrachloride	8.09	117	272206	43.422	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	269067	40.628	ug/l	99
40) Benzene	8.35	78	771202	47.478	ug/l	99
41) Methacrylonitrile	7.52	41	54201m	47.413	ug/l	
42) 1,2-Dichloroethane	8.42	62	249055	47.323	ug/l	100
43) Isopropyl Acetate	8.44	43	221169	48.868	ug/l	99
44) Trichloroethene	9.11	130	194598	45.672	ug/l	89
45) 1,2-Dichloropropane	9.38	63	196090	48.004	ug/l	95
46) Dibromomethane	9.47	93	111271	49.373	ug/l	97
47) Bromodichloromethane	9.66	83	295186	48.412	ug/l	99
48) Methyl methacrylate	9.45	41	111493	48.718	ug/l	93
49) 1,4-Dioxane	9.46	88	25499	1031.321	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	589674	258.345	ug/l	99
52) Toluene	10.40	92	498137	48.447	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	259500	48.211	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	311253	48.153	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	149269	51.513	ug/l	99
56) Ethyl methacrylate	10.66	69	179851	53.307	ug/l	98
57) 1,3-Dichloropropane	10.94	76	258852	51.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	381863	247.450	ug/l	99
59) 2-Hexanone	10.98	43	393500	256.362	ug/l	98
60) Dibromochloromethane	11.14	129	195475	51.014	ug/l	98
61) 1,2-Dibromoethane	11.24	107	141617	50.235	ug/l	98
64) Tetrachloroethene	10.87	164	164703	45.240	ug/l	91
65) Chlorobenzene	11.67	112	514678	46.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	199167	46.762	ug/l	100
67) Ethyl Benzene	11.74	91	951728	46.445	ug/l	97
68) m/p-Xylenes	11.85	106	723990	95.154	ug/l	99
69) o-Xylene	12.18	106	335543	49.209	ug/l	97
70) Styrene	12.20	104	588780	49.667	ug/l	98
71) Bromoform	12.36	173	103331	48.140	ug/l	# 99
73) Isopropylbenzene	12.48	105	881274	47.242	ug/l	100
74) N-amyl acetate	12.29	43	205794	48.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	165156	50.114	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	121847m	50.285	ug/l	
77) Bromobenzene	12.76	156	203337	48.892	ug/l	98
78) n-propylbenzene	12.82	91	1060309	46.887	ug/l	100
79) 2-Chlorotoluene	12.91	91	611671	48.215	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	751620	47.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46970	45.255	ug/l	99
82) 4-Chlorotoluene	13.00	91	640164	47.187	ug/l	98
83) tert-Butylbenzene	13.23	119	615041	47.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	754616	48.273	ug/l	99
85) sec-Butylbenzene	13.40	105	850648	46.050	ug/l	99
86) p-Isopropyltoluene	13.52	119	775439	46.639	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	390524	47.299	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	378206	45.638	ug/l	98
89) n-Butylbenzene	13.84	91	709651	43.800	ug/l	99
90) Hexachloroethane	14.11	117	165966	46.327	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	341918	47.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24870	44.424	ug/l	93

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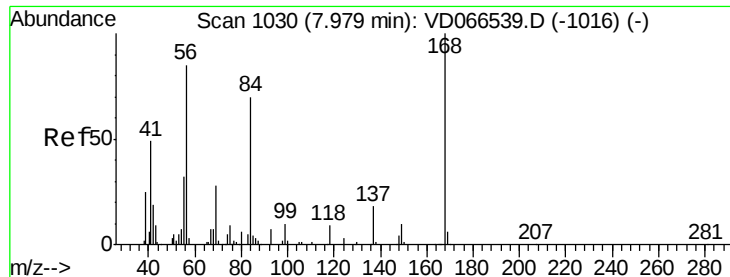
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	202576	46.772	ug/l	99
94) Hexachlorobutadiene	15.27	225	109636	42.135	ug/l	99
95) Naphthalene	15.41	128	393666	52.014	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181009	49.020	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 319326

Ion Ratio Lower Upper

168 100

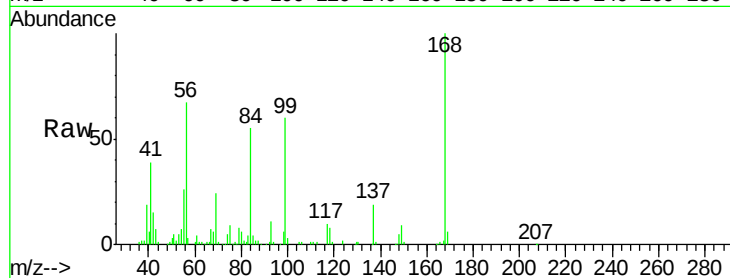
99 59.3 50.5 75.7

Manual Integrations

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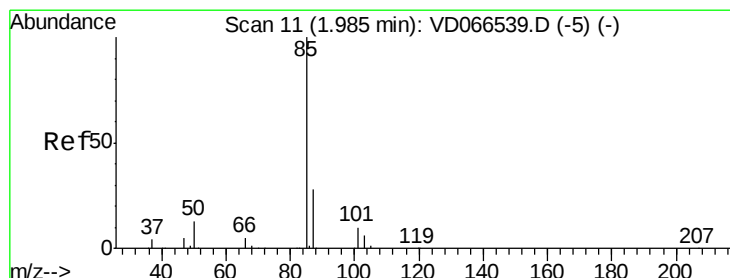
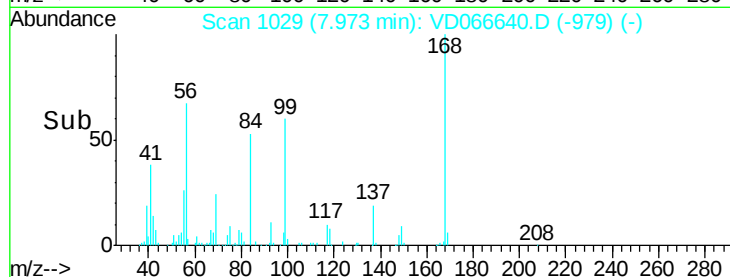
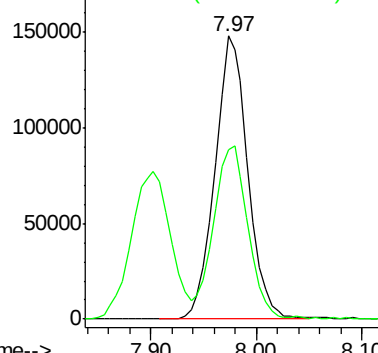
MMDadoda

9/11/2020 10:18:05 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.431 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066640.D

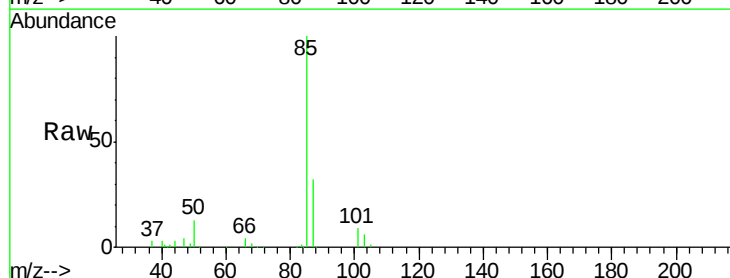
Acq: 11 Sep 2020 04:29

Tgt Ion: 85 Resp: 113459

Ion Ratio Lower Upper

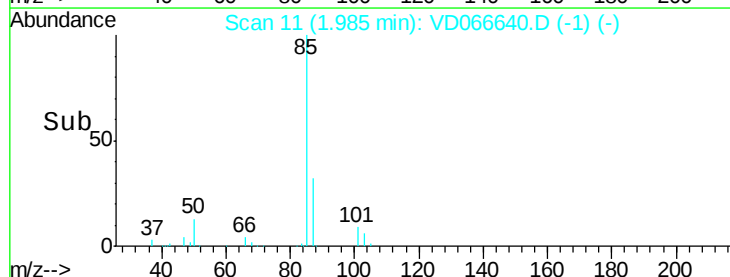
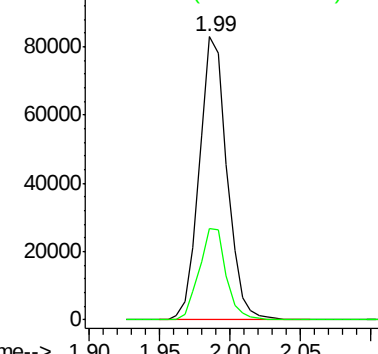
85 100

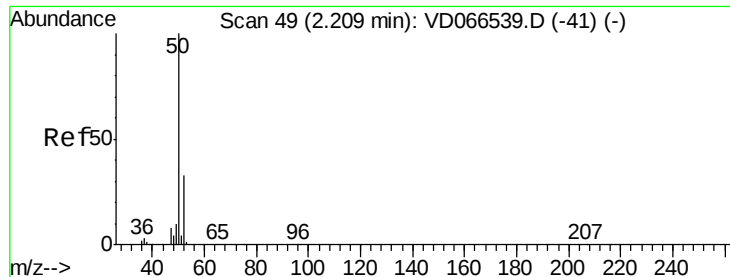
87 32.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.398 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 179293

Ion Ratio Lower Upper

50 100

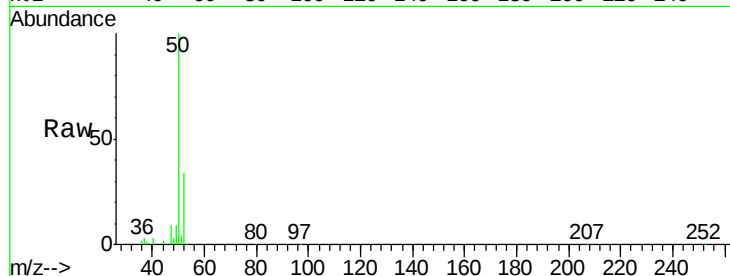
52 34.0 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

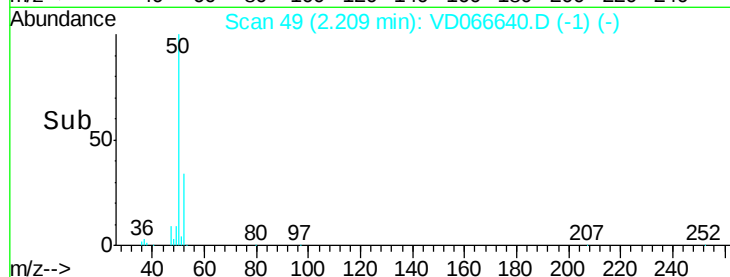
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100000

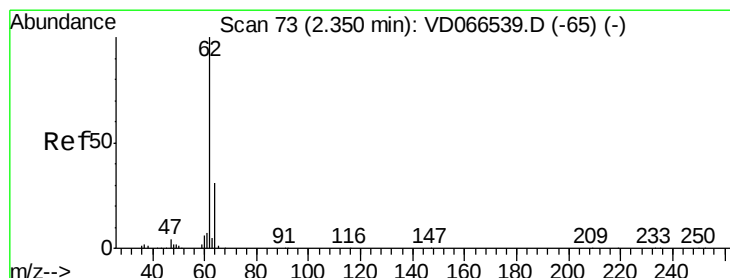
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 40.556 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066640.D

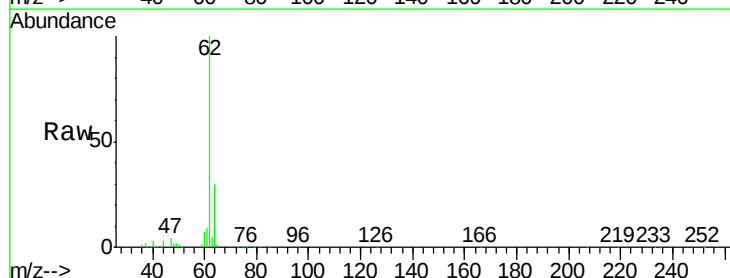
Acq: 11 Sep 2020 04:29

Tgt Ion: 62 Resp: 181650

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

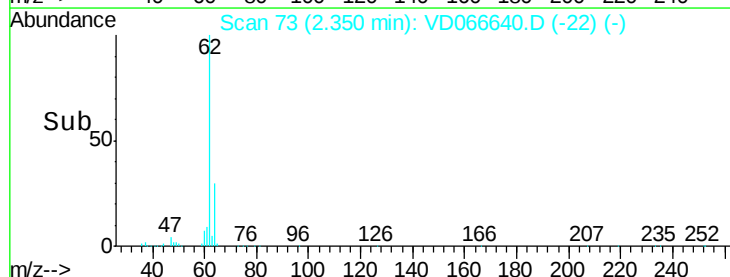
Ion 63.90 (63.60 to 64.60): VDC

100000

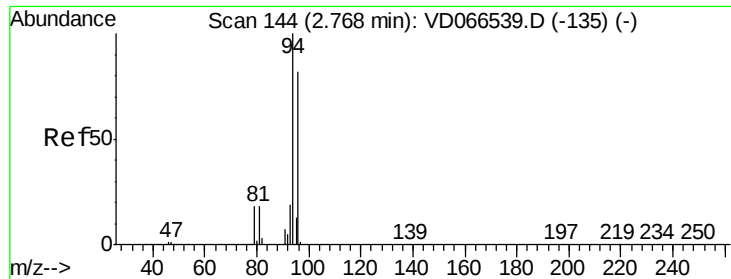
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 46.899 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 133601

Ion Ratio Lower Upper

94 100

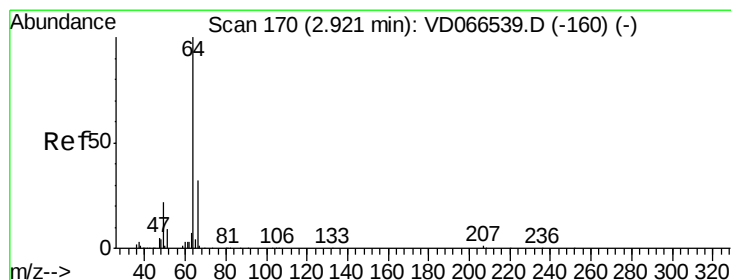
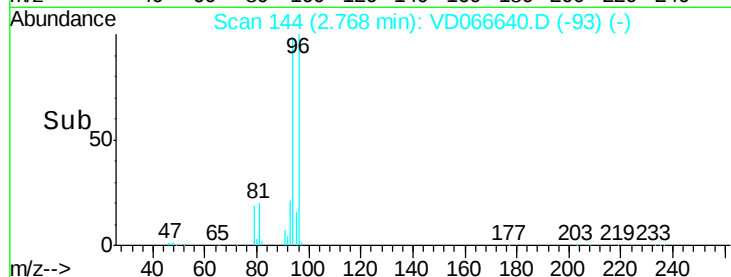
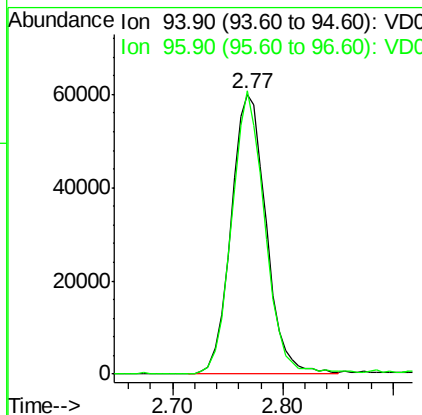
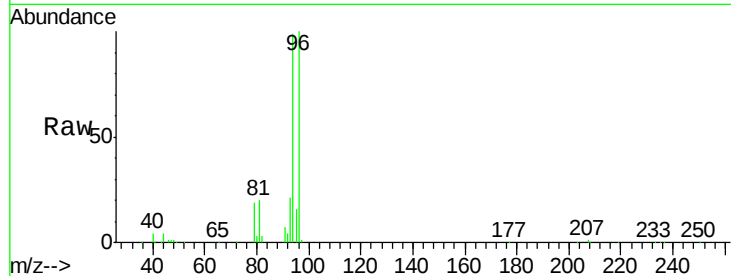
96 100.7 65.2 97.8#

Manual Integrations

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9/11/2020 10:18:05 AM



#6

Chloroethane

Concen: 42.067 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066640.D

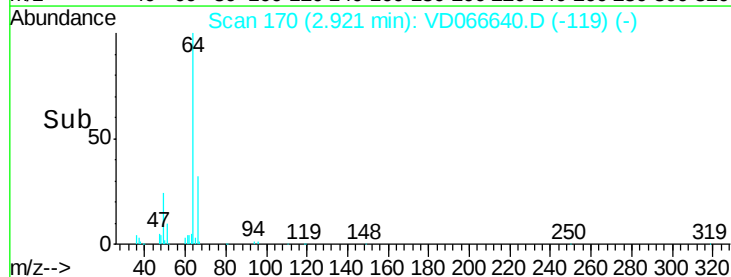
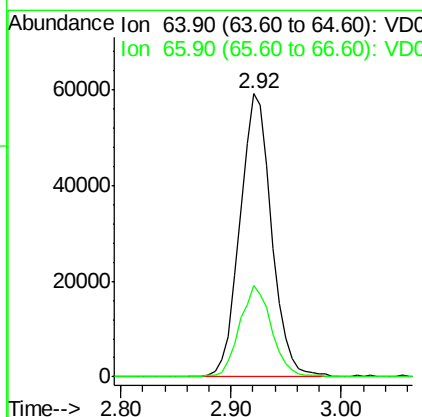
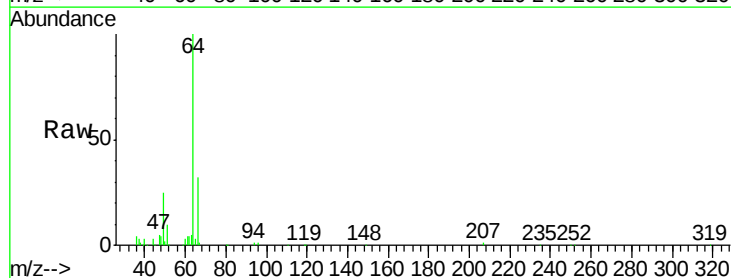
Acq: 11 Sep 2020 04:29

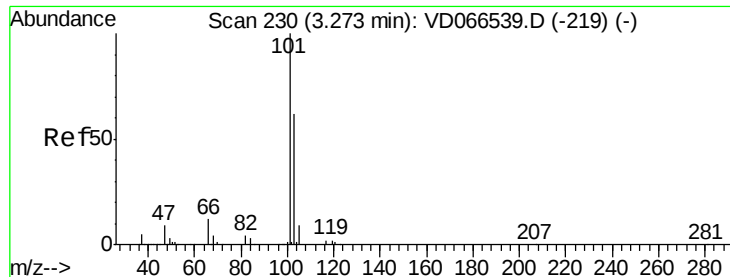
Tgt Ion: 64 Resp: 119676

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0





#7

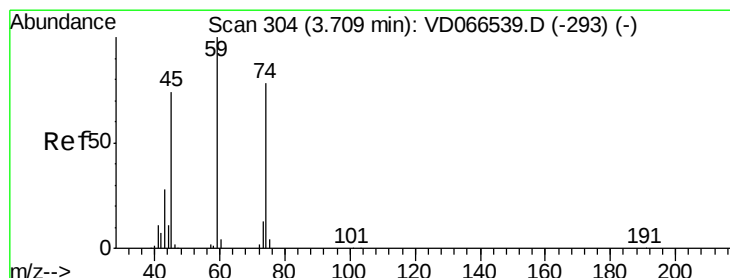
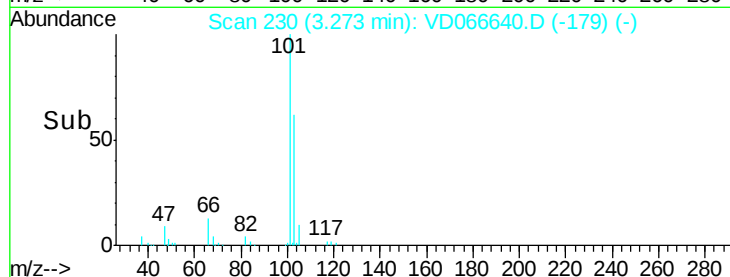
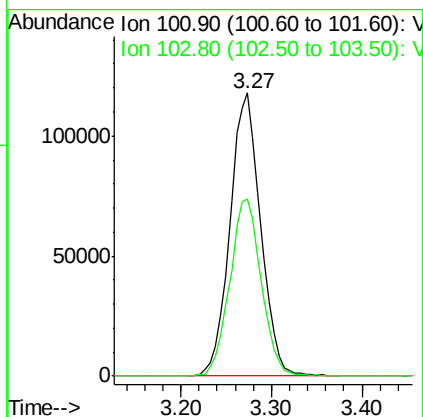
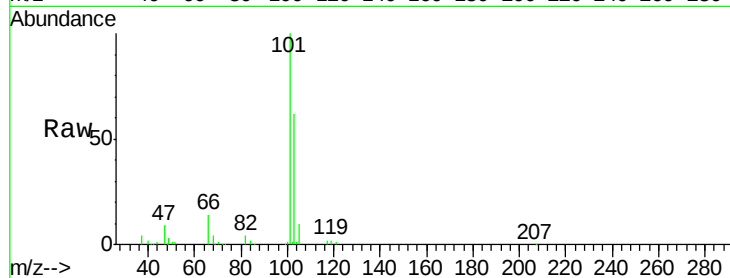
Trichlorofluoromethane
Concen: 41.850 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		276911		
103	62.5	49.7	74.5		

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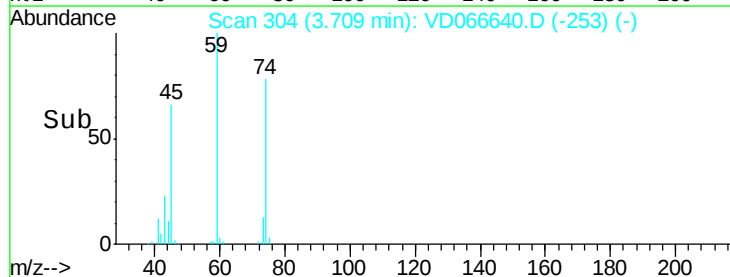
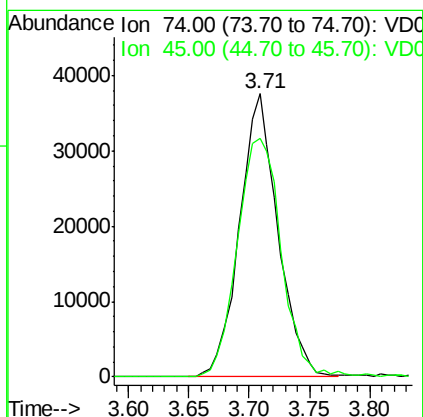
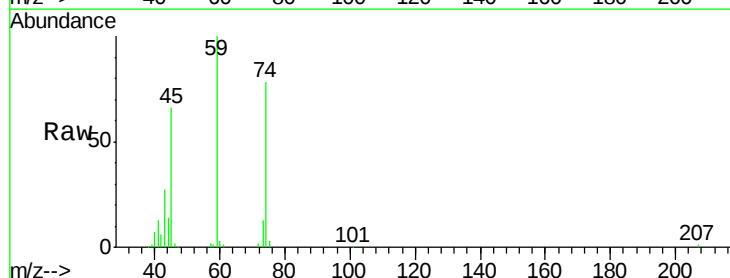
MMDadoda
9/11/2020 10:18:05 AM

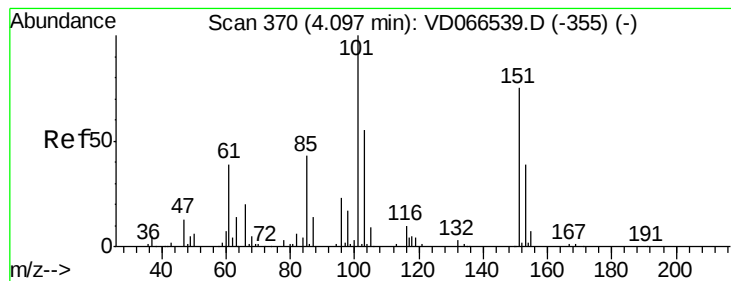


#8

Diethyl Ether
Concen: 49.761 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		82910		
45	96.9	49.7	149.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.764 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

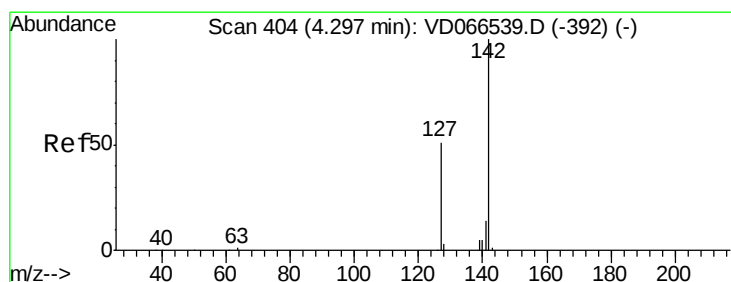
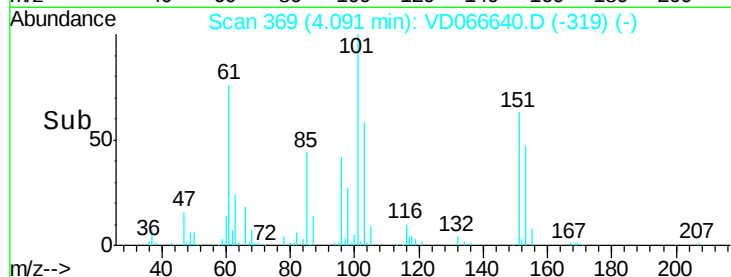
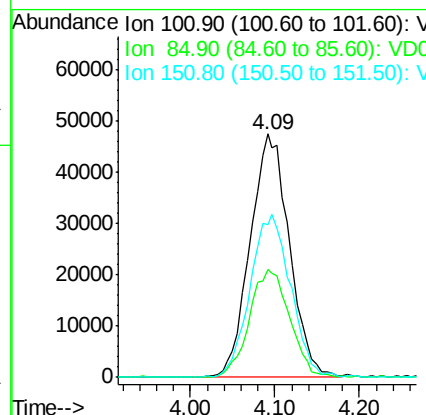
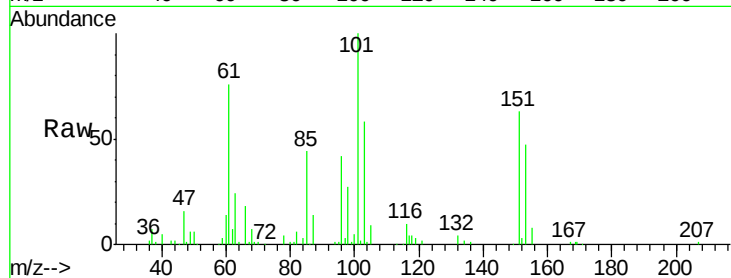
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	153137
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.0	55.6
151	69.2	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 46.479 ug/l

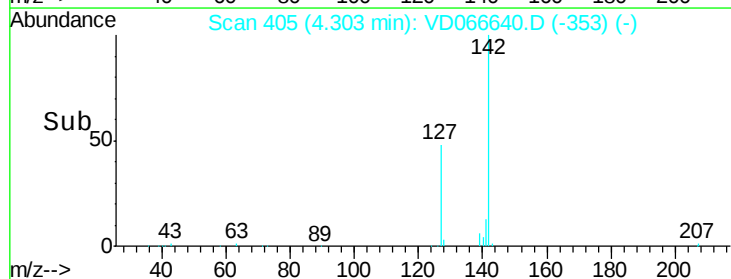
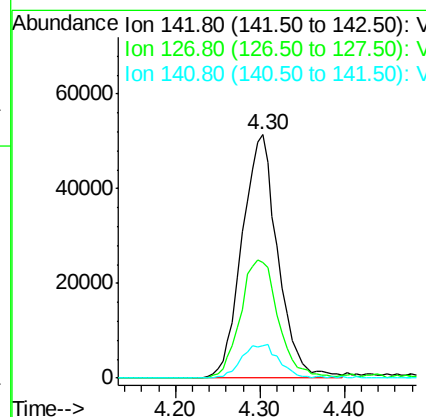
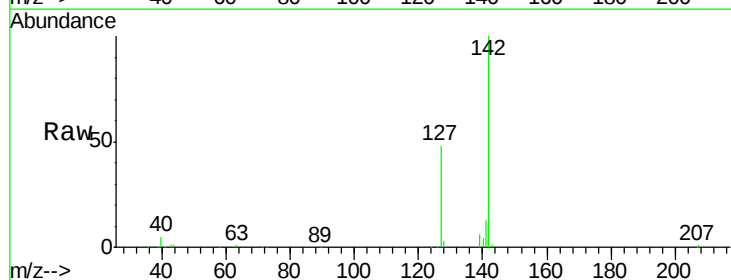
RT: 4.30 min Scan# 405

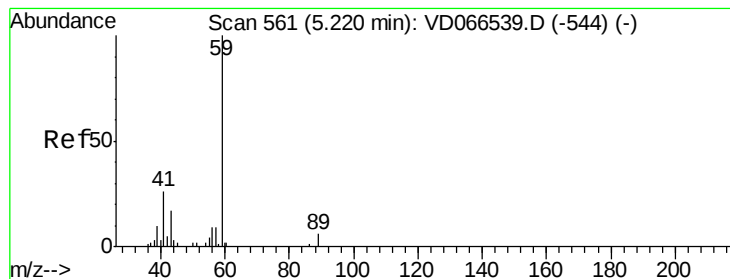
Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion:	142	Resp:	150813
Ion Ratio	Lower	Upper	
142	100		
127	51.6	40.6	61.0
141	14.4	12.2	18.4





#11

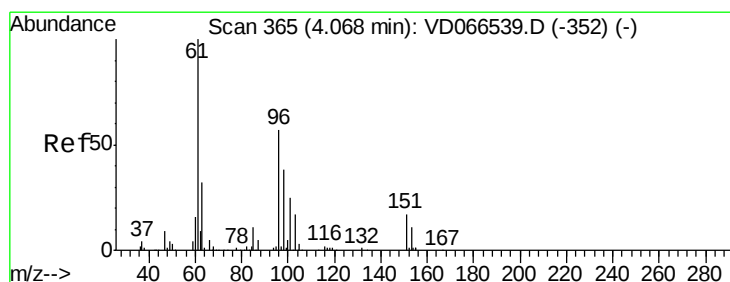
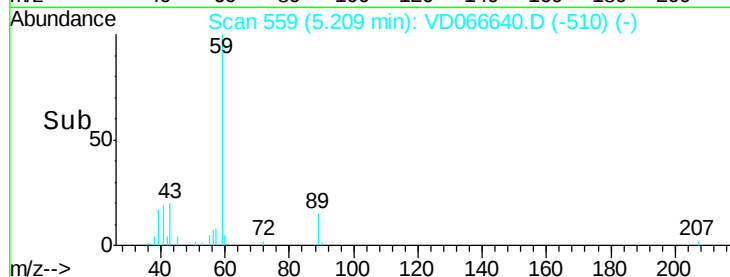
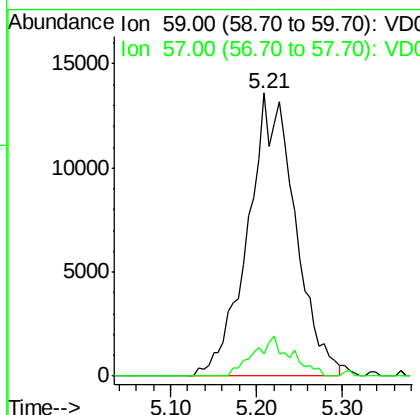
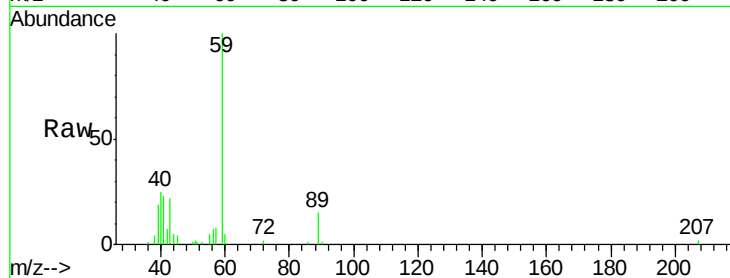
Tert butyl alcohol
 Concen: 207.142 ug/l m
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 51939
 Ion Ratio Lower Upper
 59 100
 57 11.0 7.6 11.4

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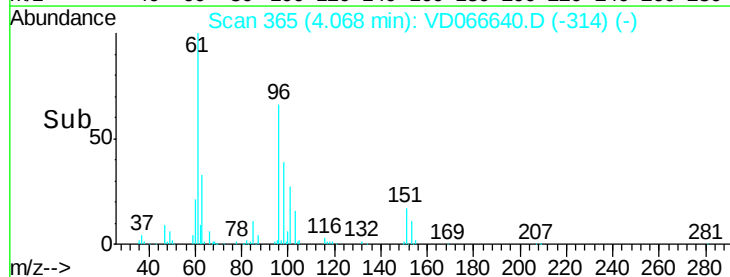
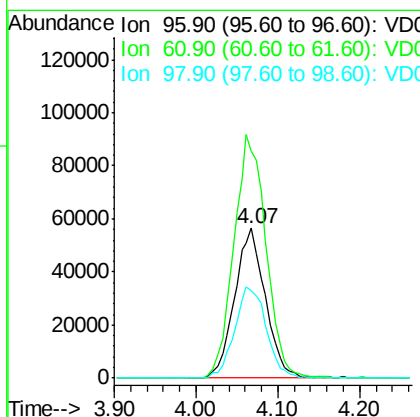
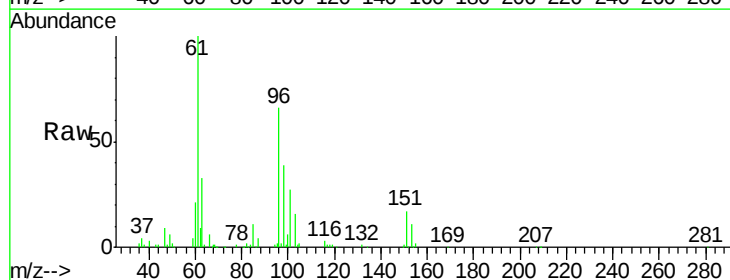
MMDadoda
 9/11/2020 10:18:05 AM

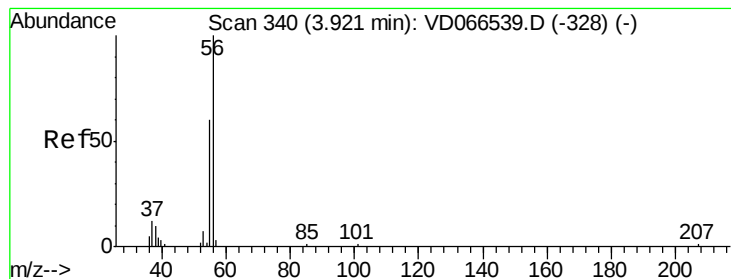


#12

1,1-Dichloroethene
 Concen: 45.932 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 96 Resp: 147774
 Ion Ratio Lower Upper
 96 100
 61 151.5 140.9 211.3
 98 58.6 53.2 79.8





#13

Acrolein

Concen: 259.726 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 41030

Ion Ratio Lower Upper

56 100

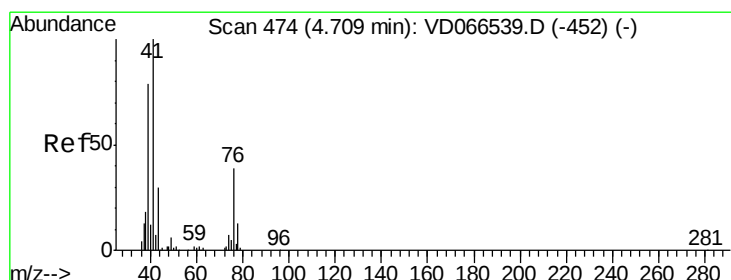
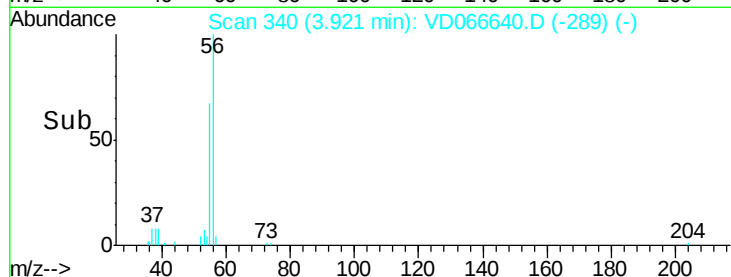
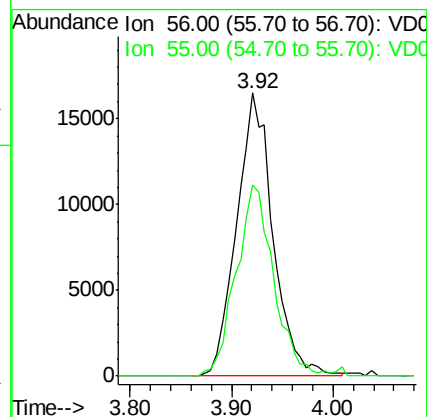
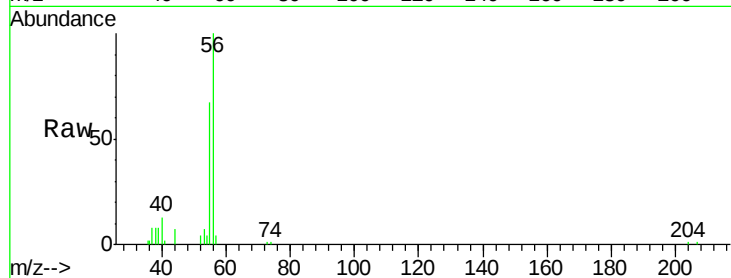
55 69.6 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.342 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

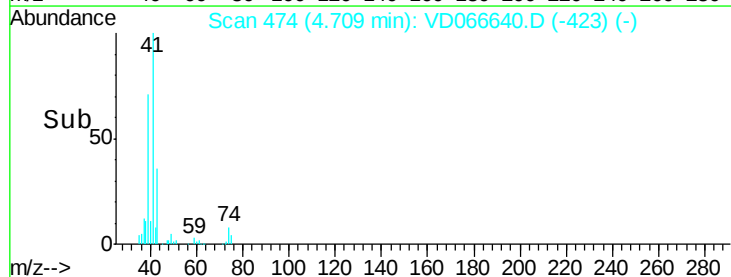
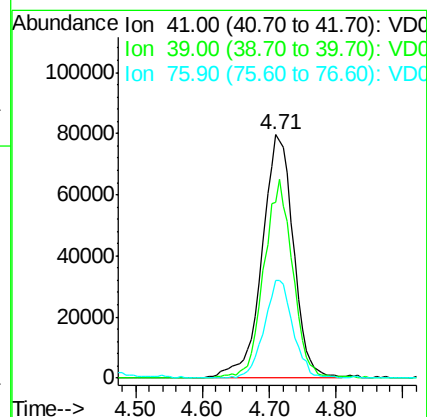
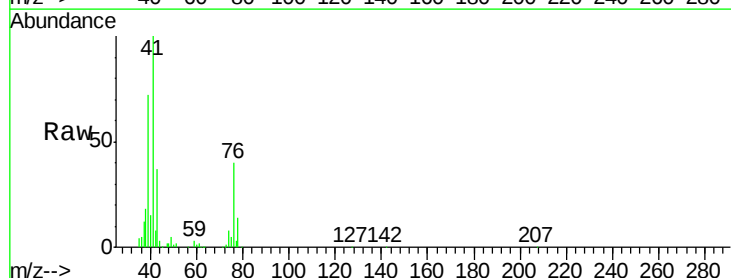
Tgt Ion: 41 Resp: 260163

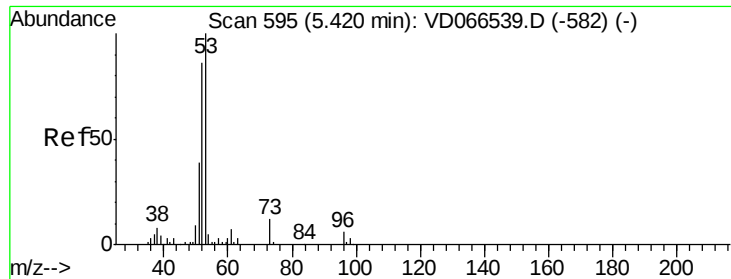
Ion Ratio Lower Upper

41 100

39 74.8 61.9 92.9

76 36.8 29.0 43.6





#15

Acrylonitrile

Concen: 278.810 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

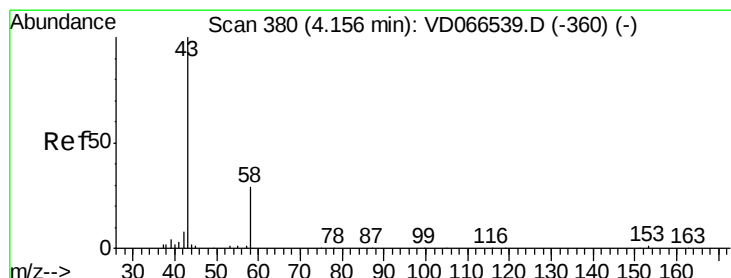
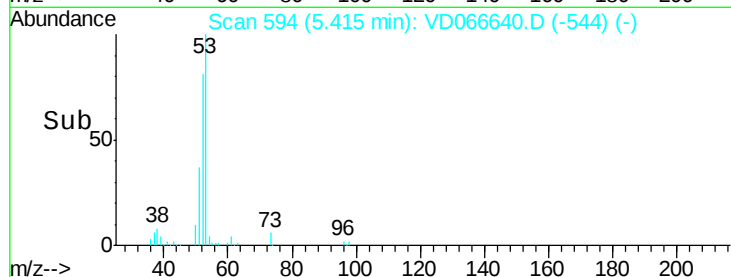
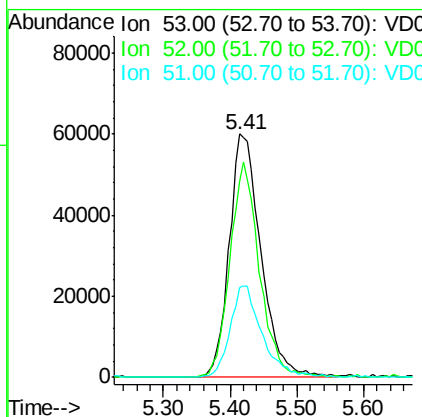
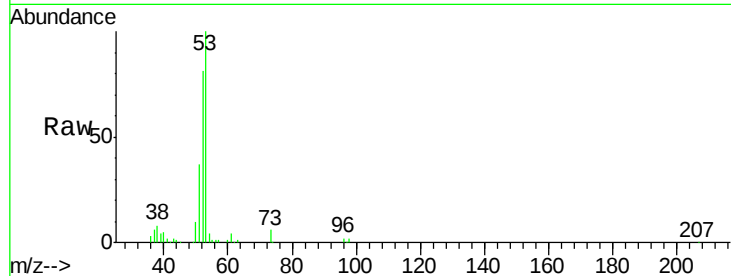
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	199558
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.4	98.2
51	37.8	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 216.834 ug/l

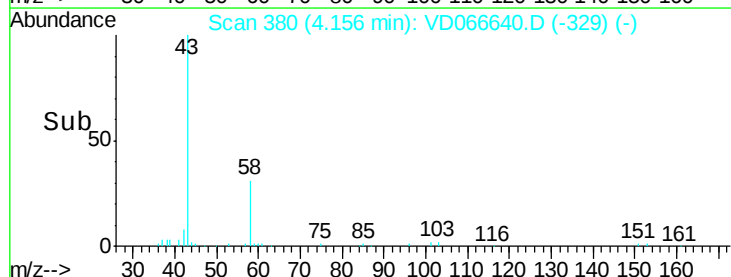
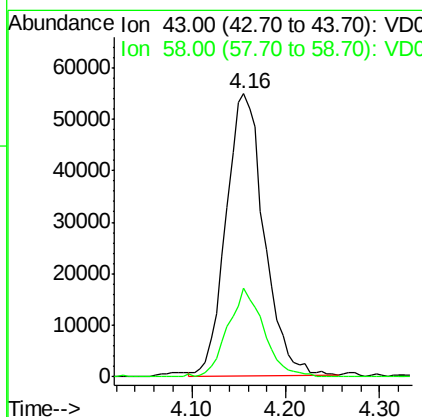
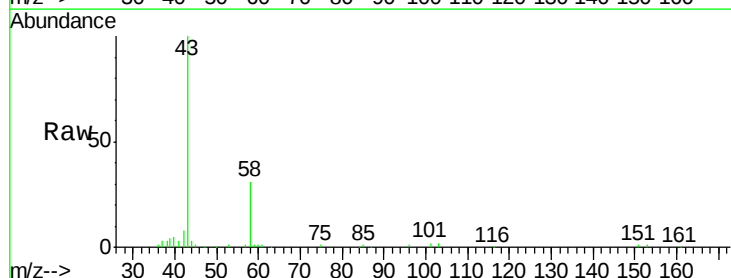
RT: 4.16 min Scan# 380

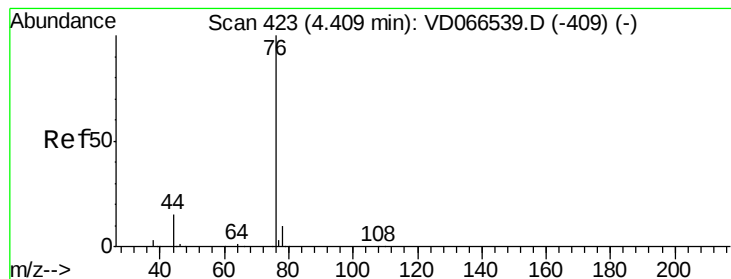
Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion:	43	Resp:	154143
Ion Ratio	Lower	Upper	
43	100		
58	31.5	22.9	34.3





#17

Carbon Disulfide

Concen: 44.473 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 470362

Ion Ratio Lower Upper

76 100

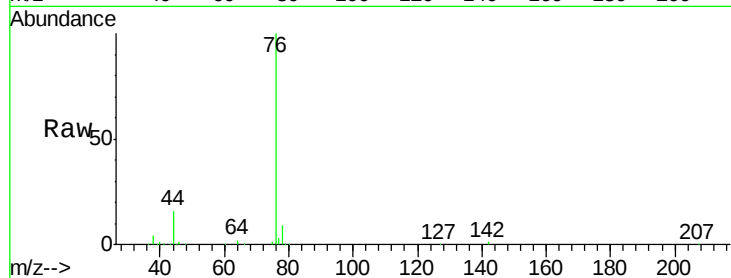
78 8.5 7.6 11.4

Manual Integrations

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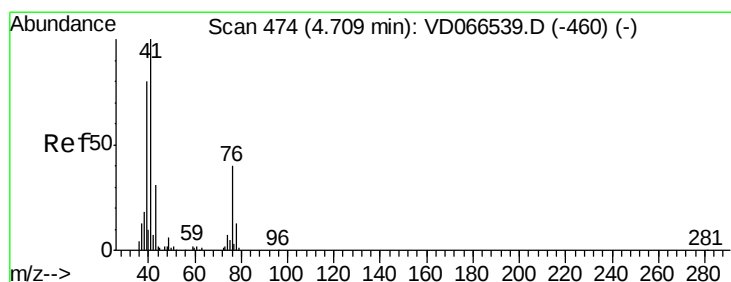
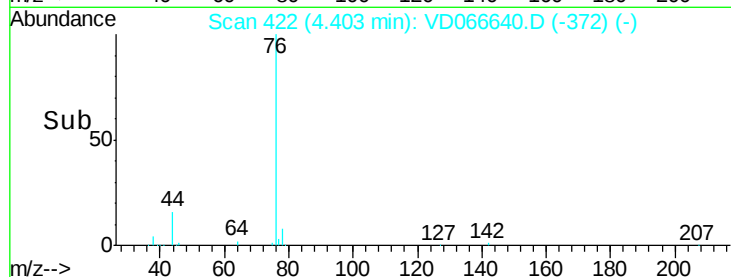
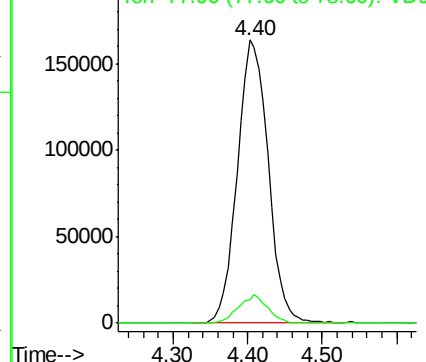
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 55.238 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066640.D

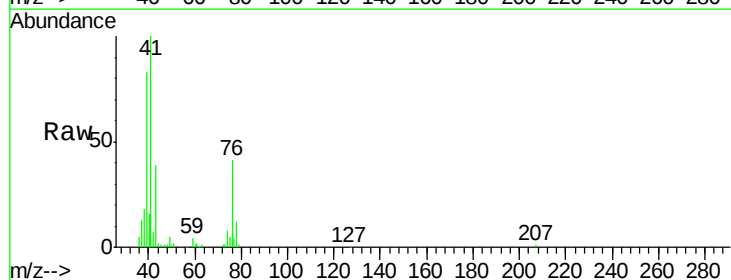
Acq: 11 Sep 2020 04:29

Tgt Ion: 43 Resp: 93606

Ion Ratio Lower Upper

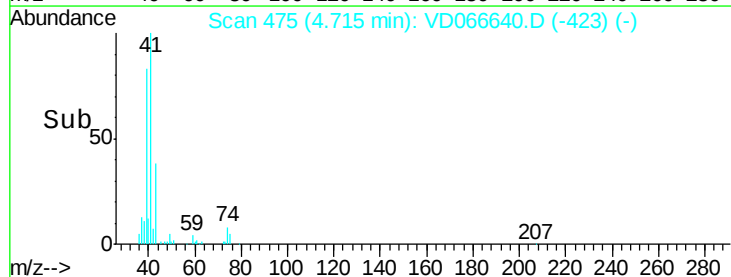
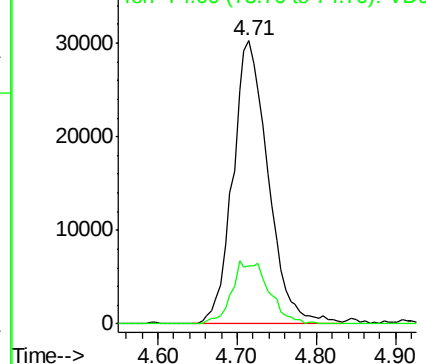
43 100

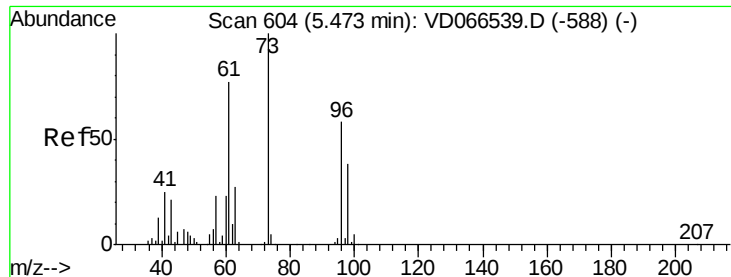
74 23.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





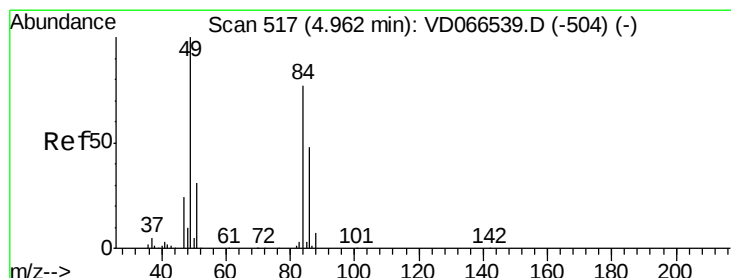
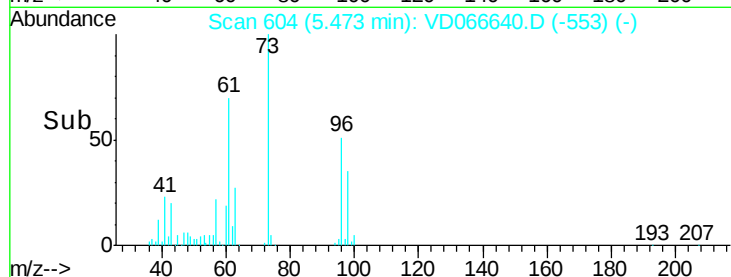
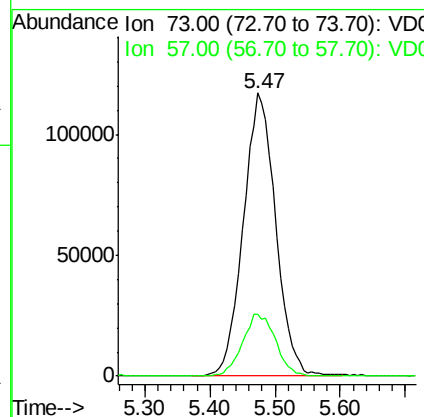
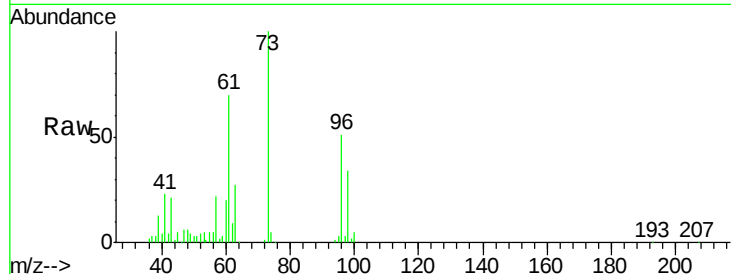
#19
Methvl tert-butvl Ether
Concen: 53.454 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 403284
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

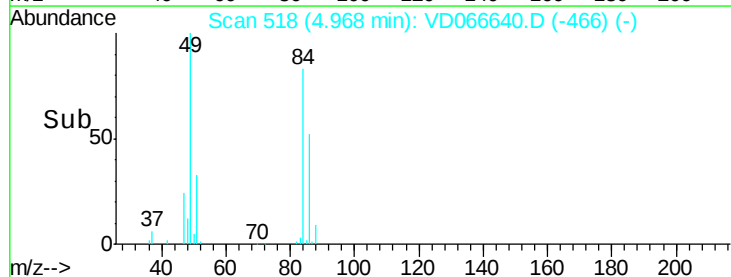
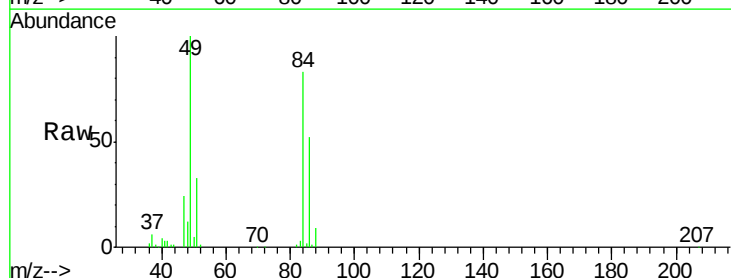
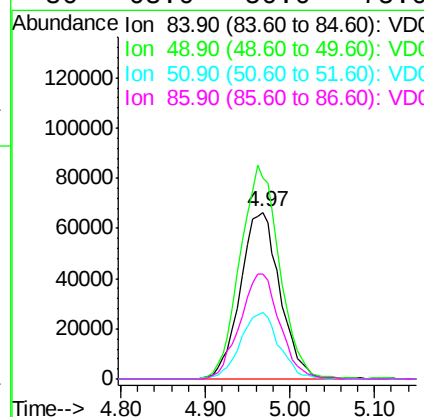
Manual Integrations
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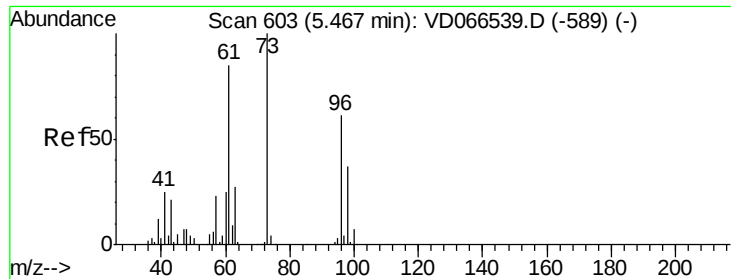
MMDadoda
9/11/2020 10:18:05 AM



#20
Methylene Chloride
Concen: 56.664 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 84 Resp: 216107
Ion Ratio Lower Upper
84 100
49 120.8 104.3 156.5
51 40.2 32.2 48.4
86 63.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 48.959 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

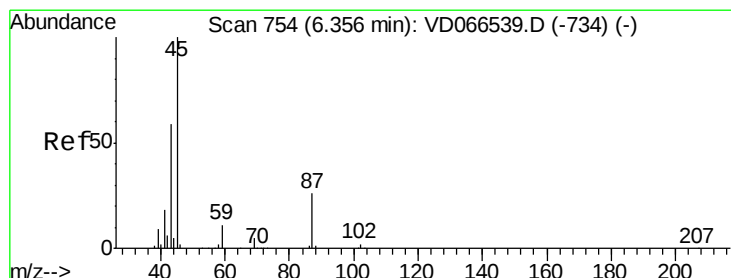
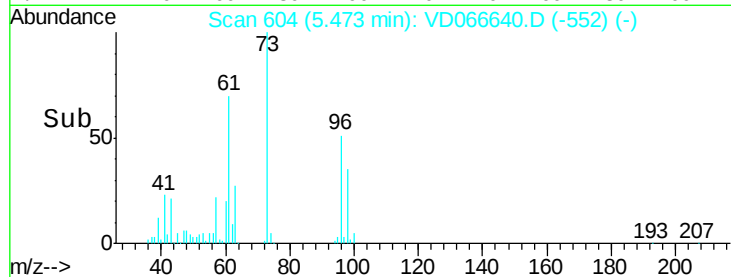
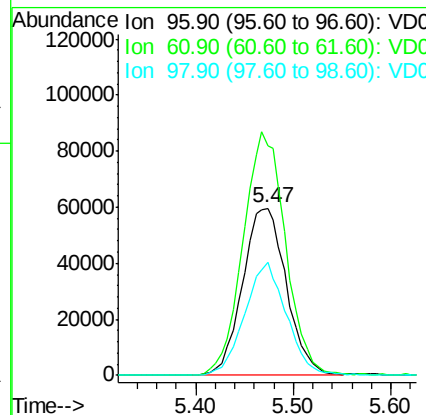
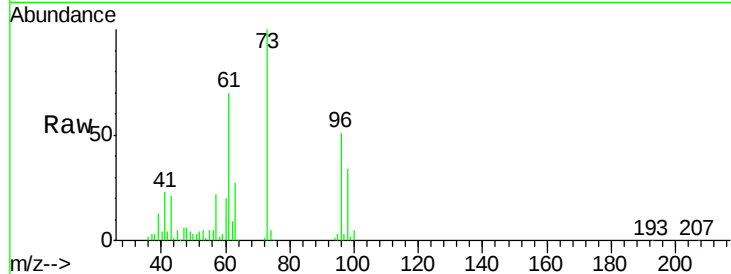
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	187047
Ion	Ratio	Lower	Upper
96	100		
61	137.2	112.1	168.1
98	67.8	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.122 ug/l

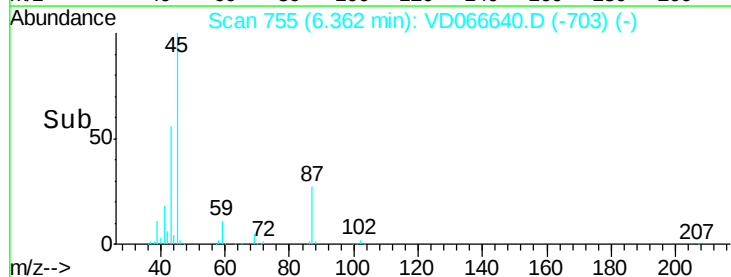
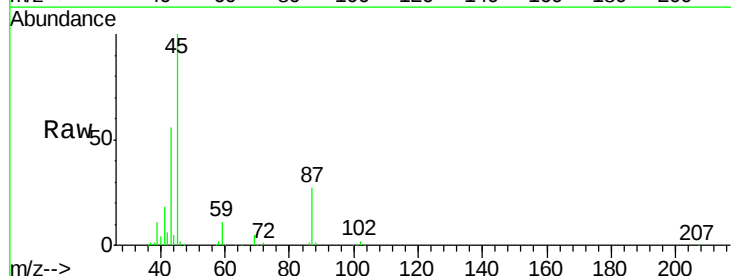
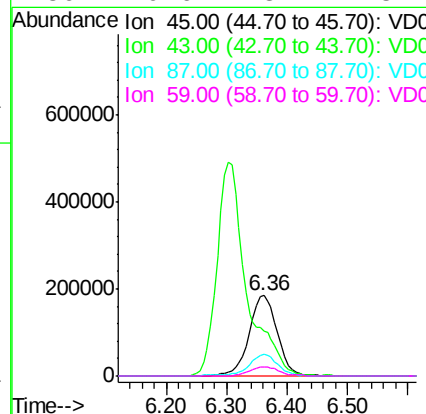
RT: 6.36 min Scan# 755

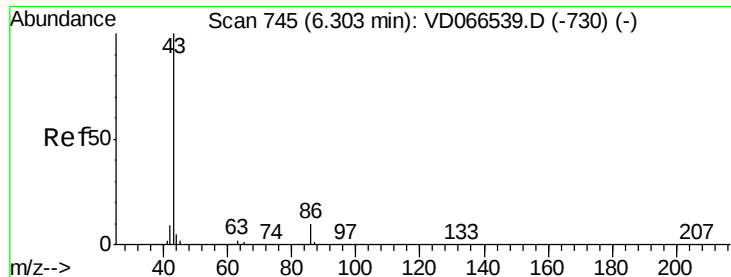
Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion:	45	Resp:	597677
Ion	Ratio	Lower	Upper
45	100		
43	54.9	47.0	70.4
87	27.1	21.3	31.9
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 270.265 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1667618

Ion Ratio Lower Upper

43 100

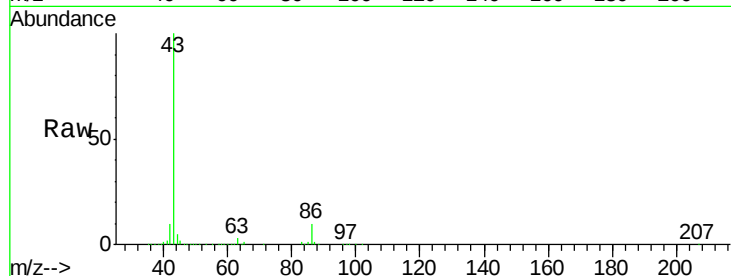
86 9.7 7.7 11.5

Manual Integrations

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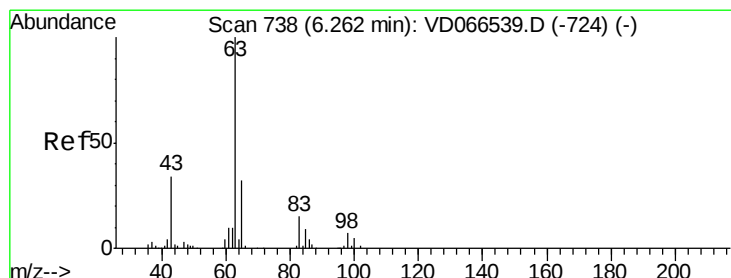
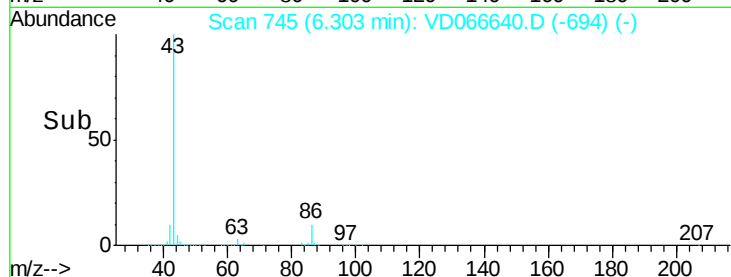
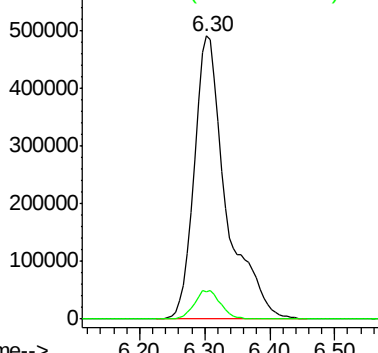
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.800 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

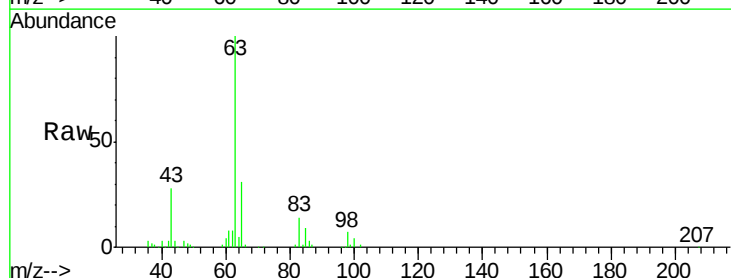
Tgt Ion: 63 Resp: 346384

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

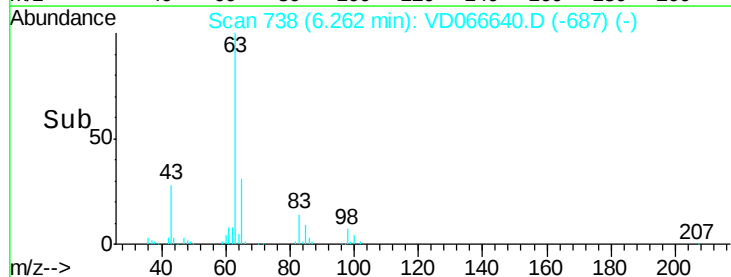
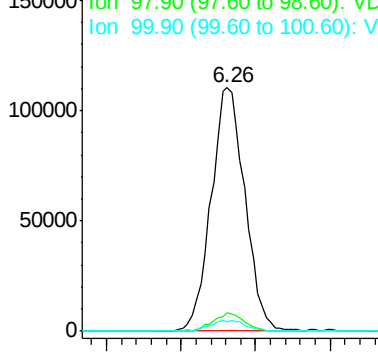
100 3.7 2.5 7.4

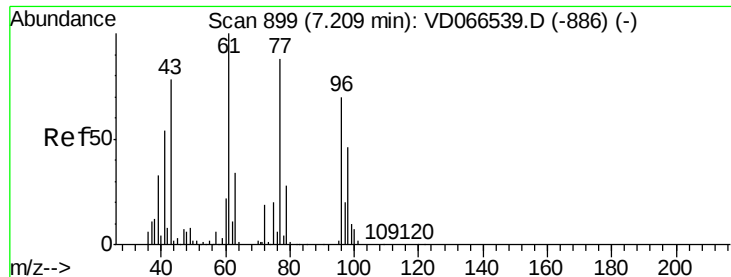


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 250.517 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 239063

Ion Ratio Lower Upper

43 100

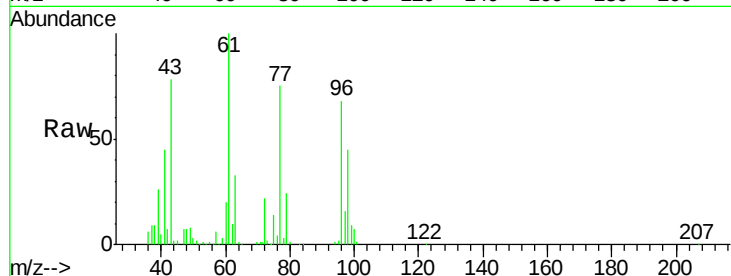
72 28.9 19.8 29.6

Manual Integrations

APPROVED

MMDadoda

9/11/2020 10:18:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

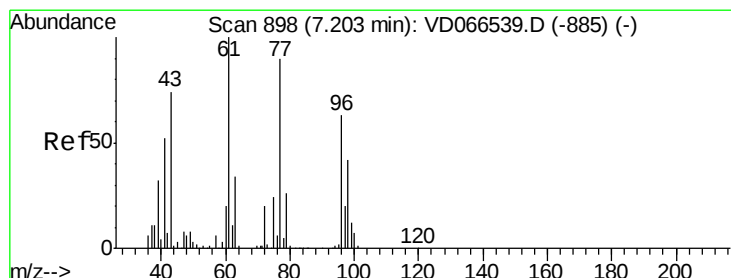
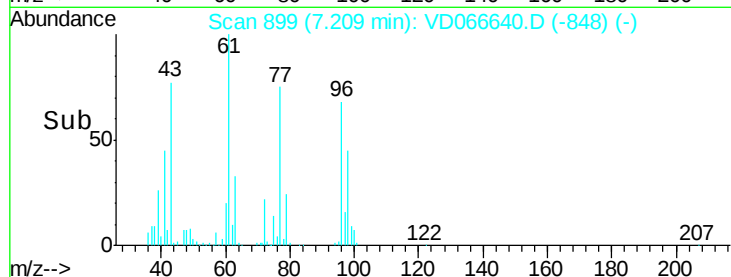
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.859 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066640.D

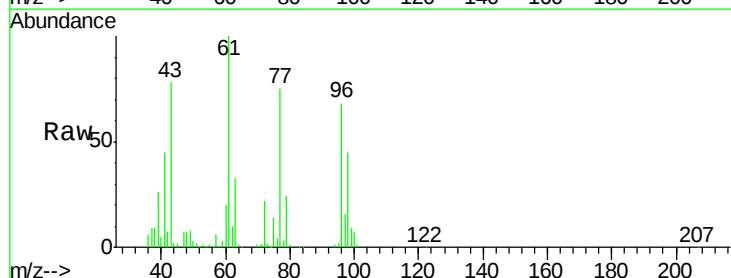
Acq: 11 Sep 2020 04:29

Tgt Ion: 77 Resp: 255555

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

100000

80000

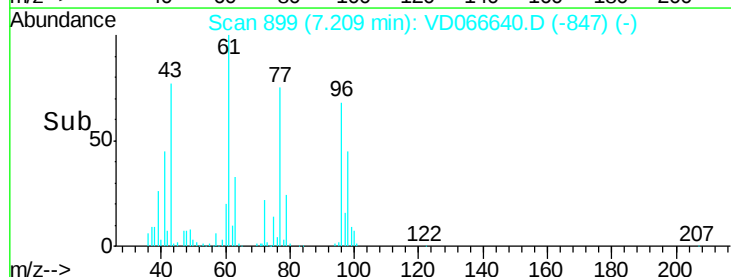
60000

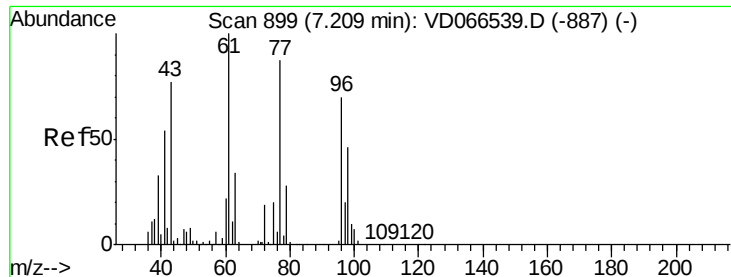
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.419 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

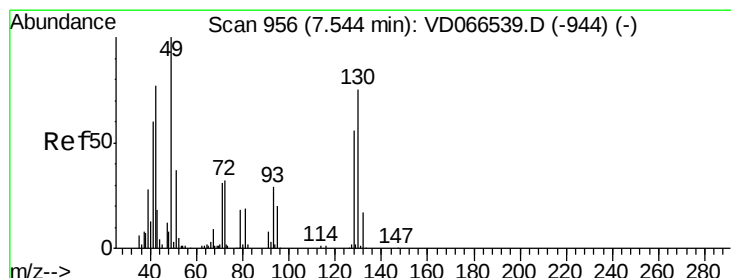
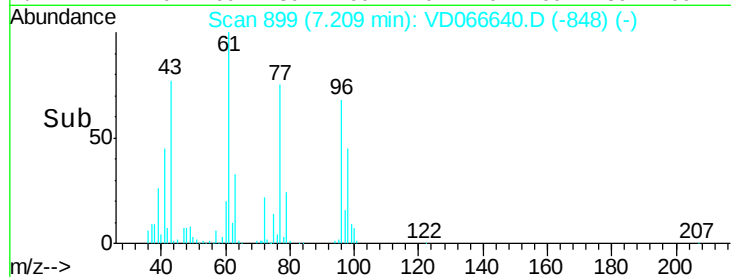
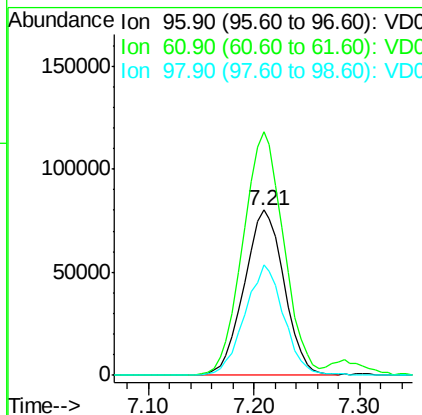
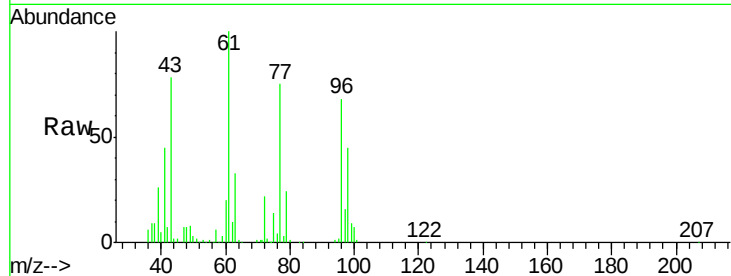
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	211250
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	301.0
98	64.9	0.0	129.8

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#28

Bromochloromethane

Concen: 59.252 ug/l

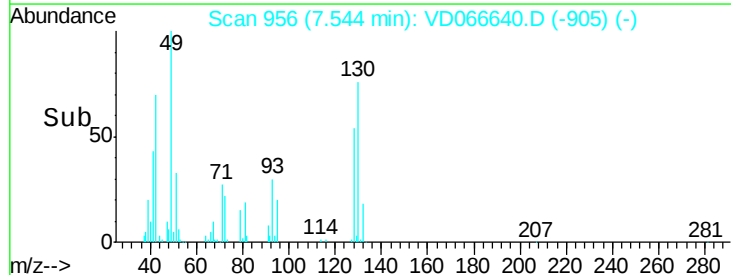
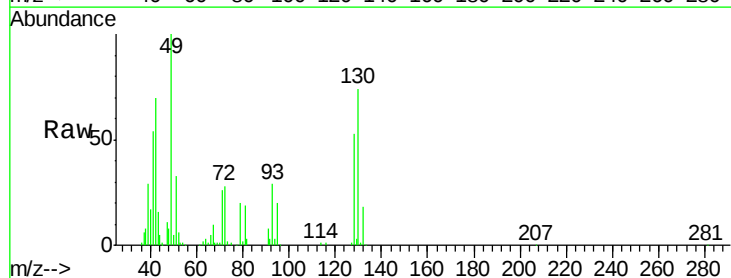
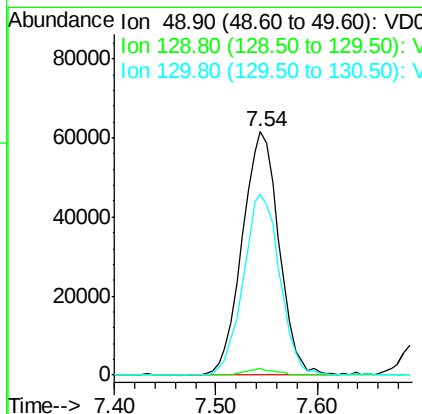
RT: 7.54 min Scan# 956

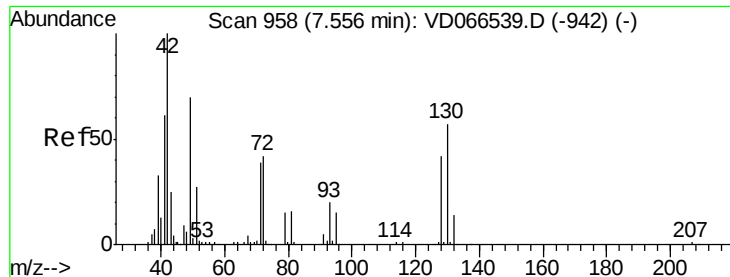
Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion:	49	Resp:	155541
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.6
130	73.6	58.2	87.2





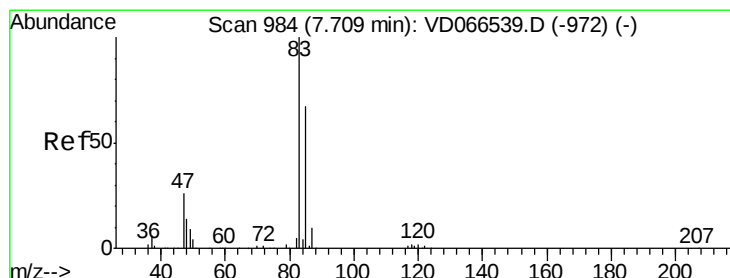
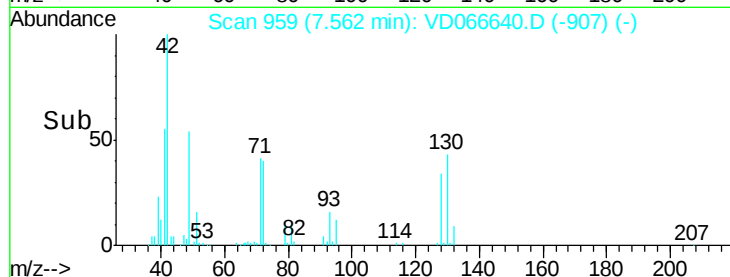
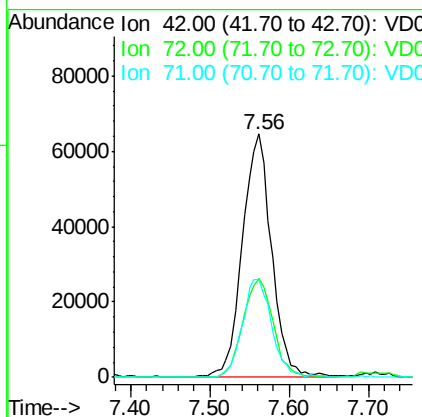
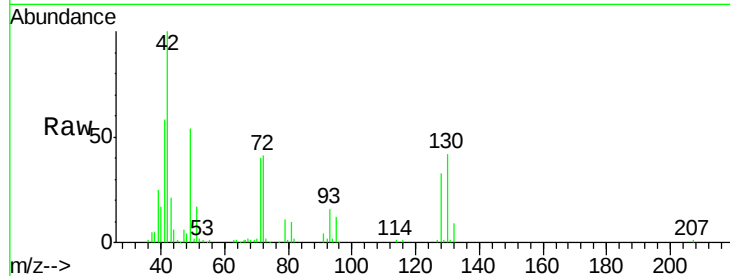
#29
Tetrahydrofuran
Concen: 278.601 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.4	50.0
71	40.3	31.9	47.9

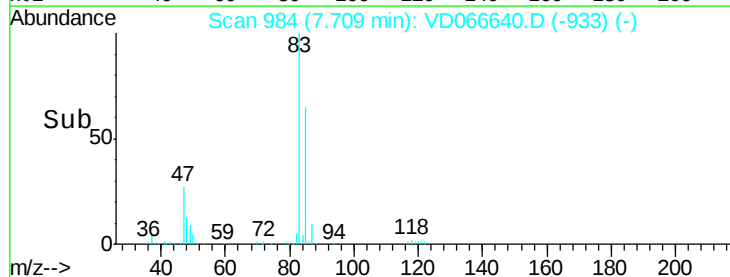
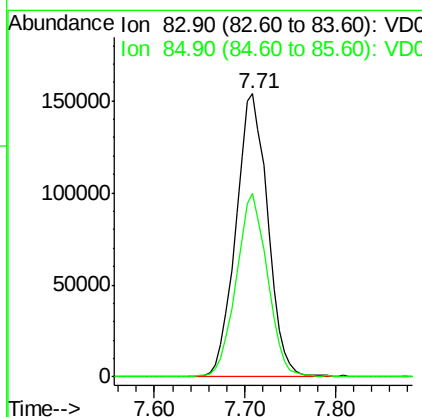
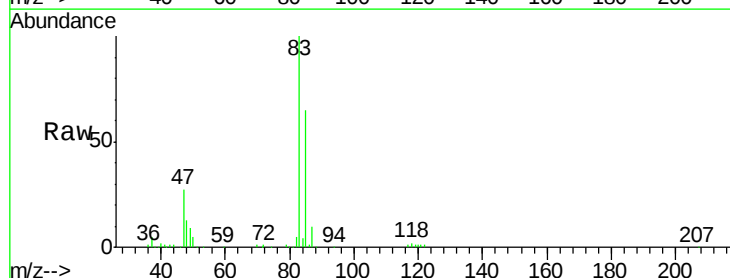
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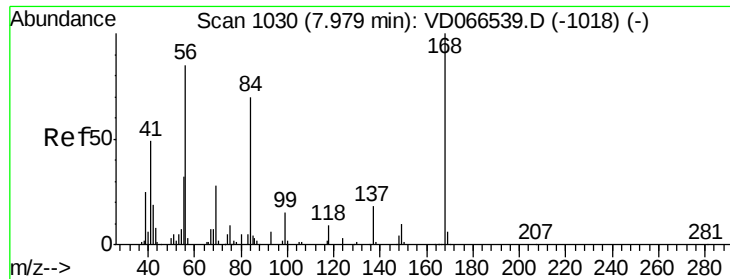
MMDadoda
9/11/2020 10:18:05 AM



#30
Chloroform
Concen: 52.113 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.6	80.4





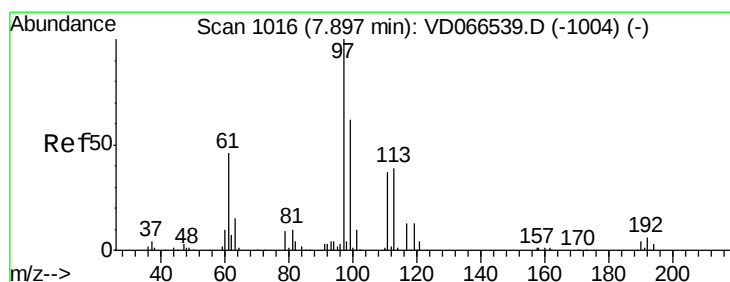
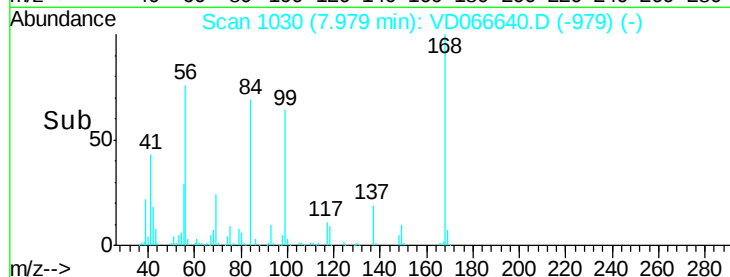
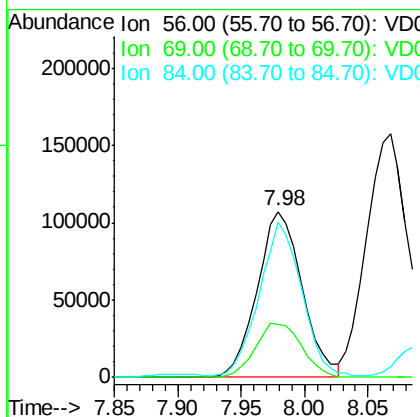
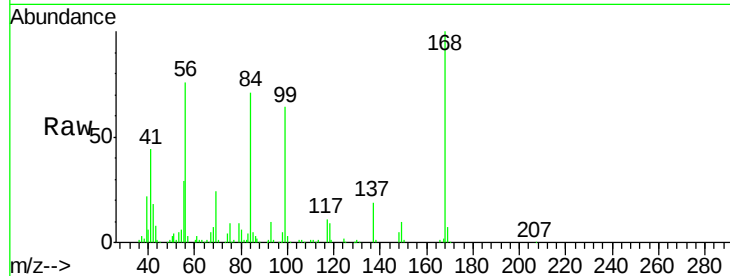
#31
Cyclohexane
Concen: 41.911 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.3	39.5
84	91.5	66.1	99.1

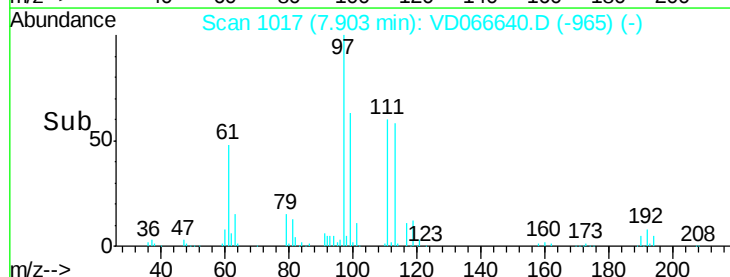
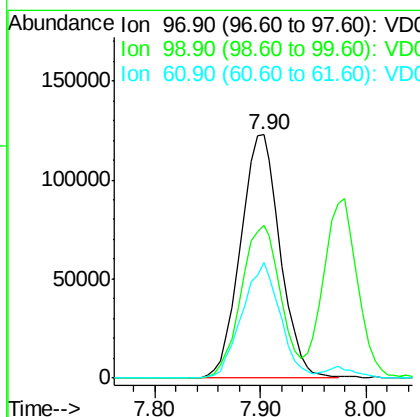
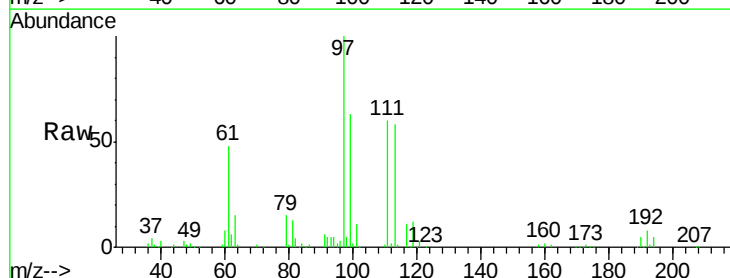
Manual Integrations
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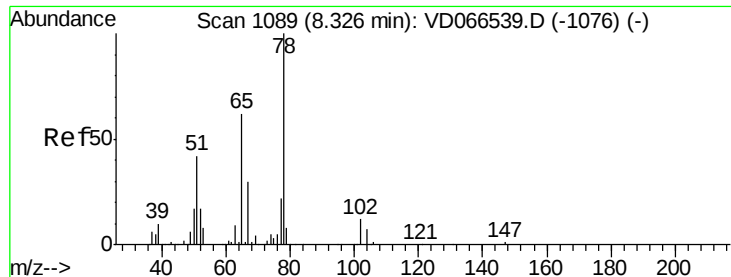
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#32
1,1,1-Trichloroethane
Concen: 47.062 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.0
61	45.8	37.4	56.0





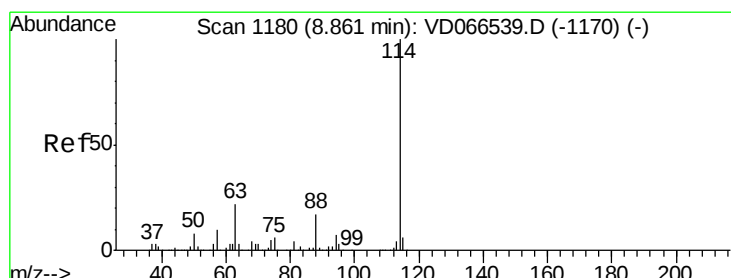
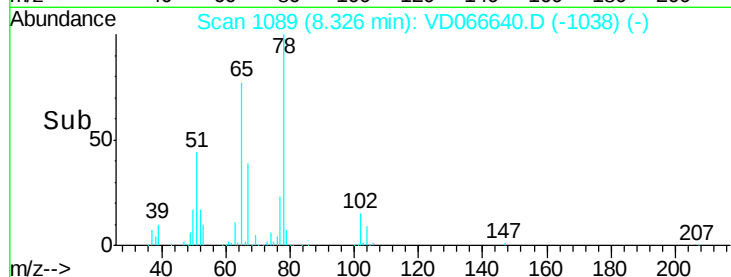
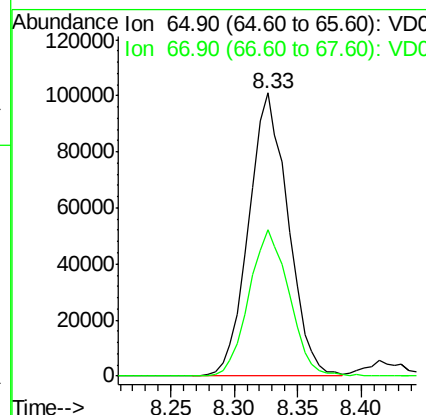
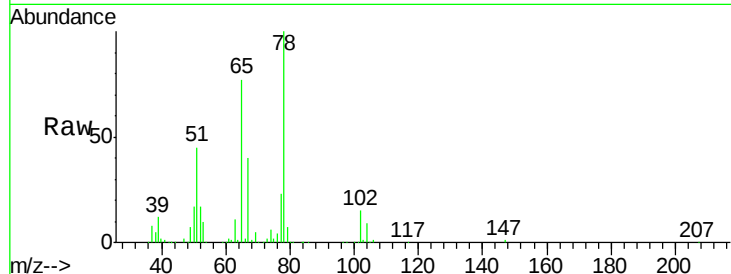
#33
 1,2-Dichloroethane-d4
 Concen: 56.645 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218851		
67	52.7	0.0	102.8	

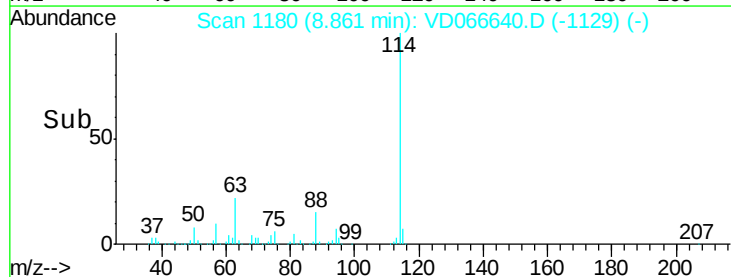
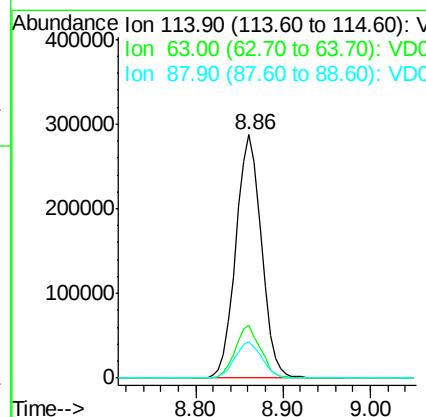
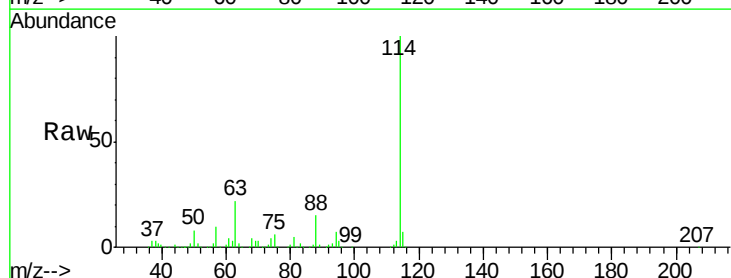
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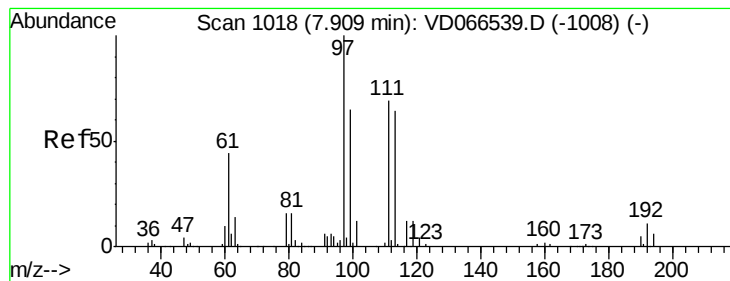
MMDadoda
 9/11/2020 10:18:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	569893		
63	21.6	0.0	43.2	
88	14.9	0.0	33.2	





#35

Dibromofluoromethane

Concen: 53.202 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

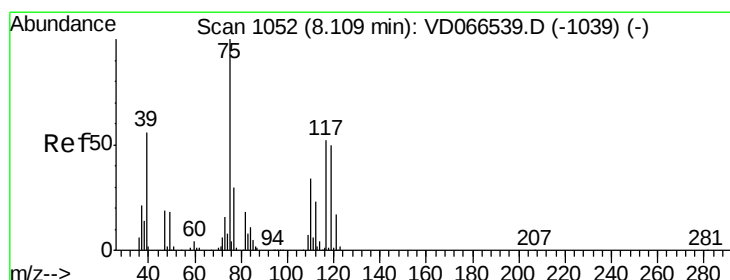
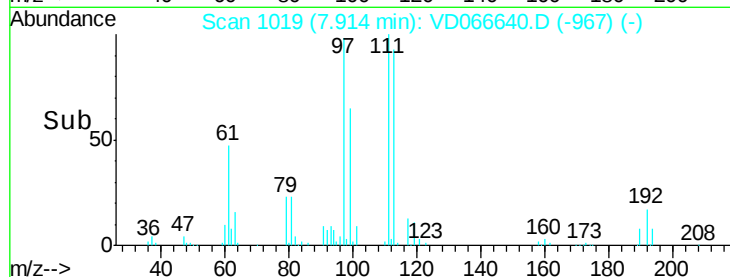
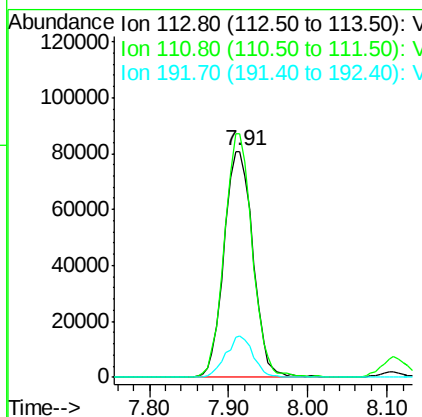
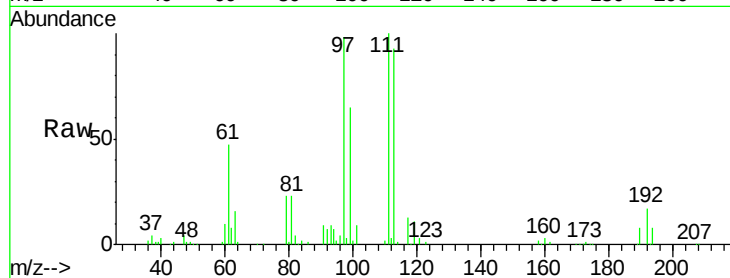
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	204538
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.2	124.8
192	17.2	13.7	20.5

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#36

1,1-Dichloropropene

Concen: 43.789 ug/l

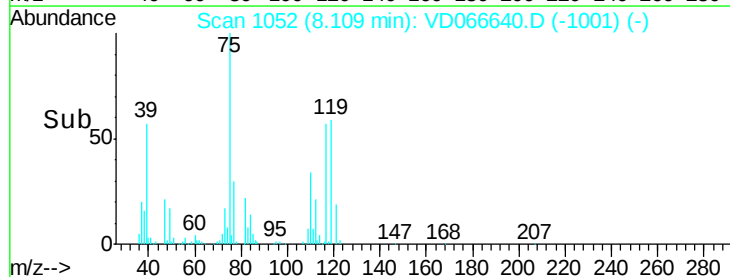
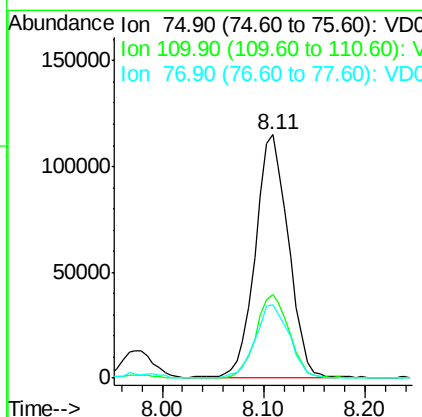
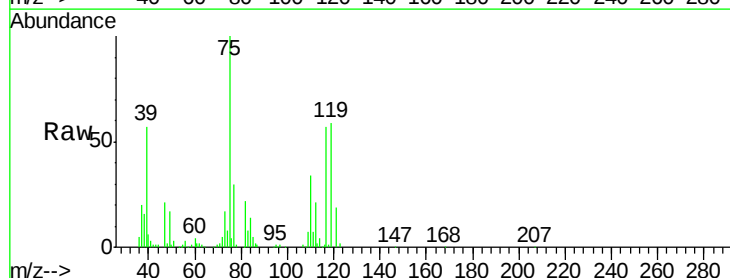
RT: 8.11 min Scan# 1052

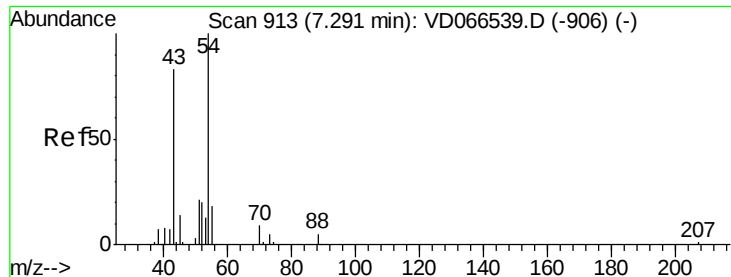
Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion:	75	Resp:	259703
Ion Ratio	Lower	Upper	
75	100		
110	34.7	17.3	52.0
77	31.7	25.1	37.7





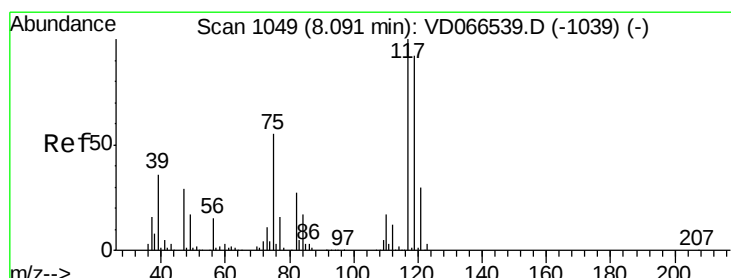
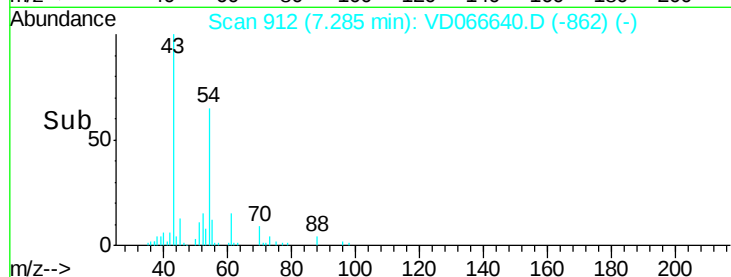
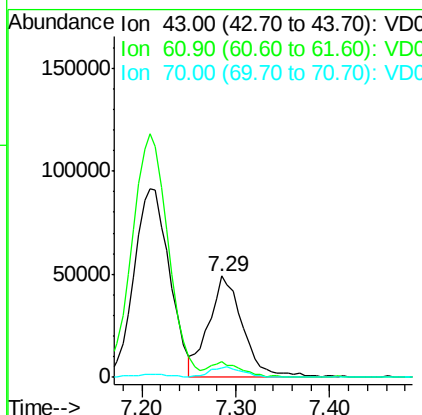
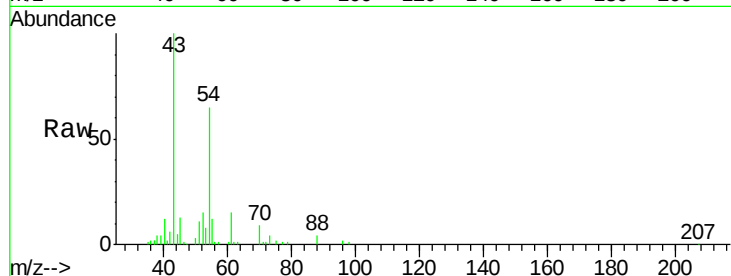
#37
Ethyl Acetate
Concen: 51.887 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.8	17.8
70	10.0	7.9	11.9

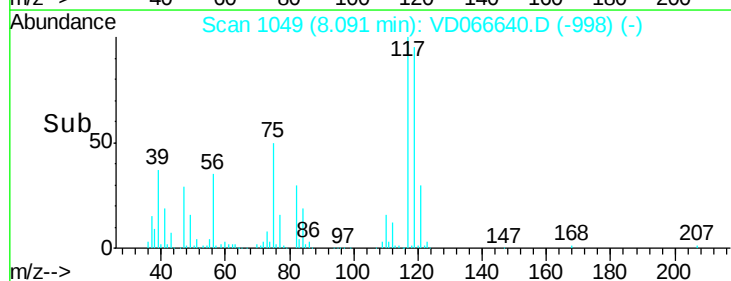
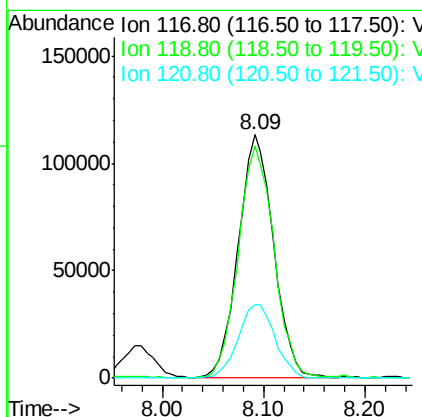
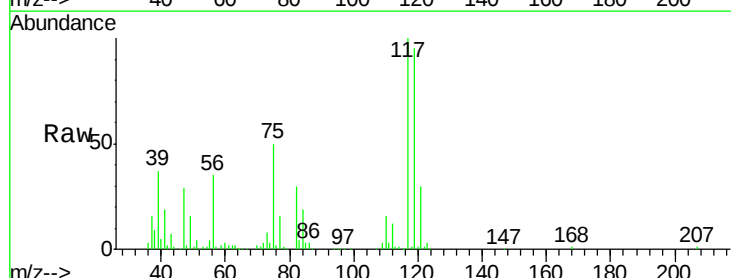
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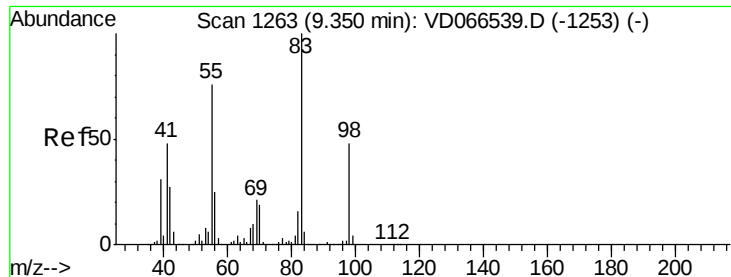
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#38
Carbon Tetrachloride
Concen: 43.422 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.9	110.9
121	30.3	24.1	36.1





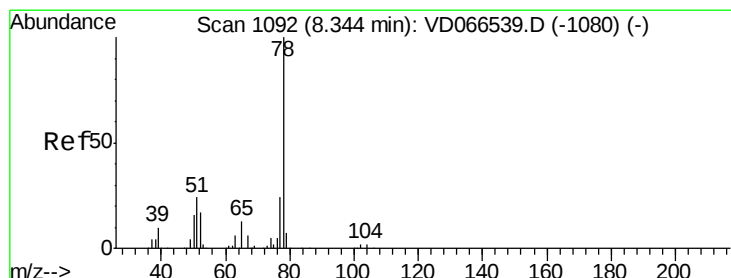
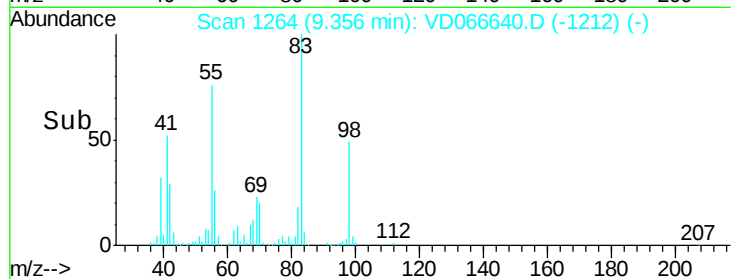
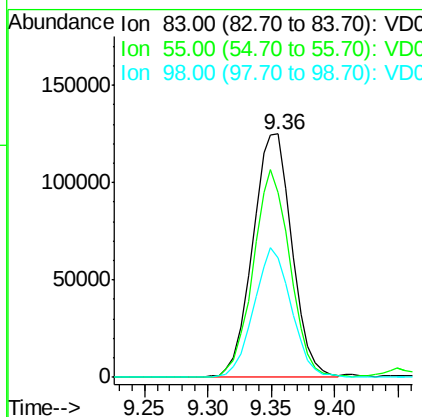
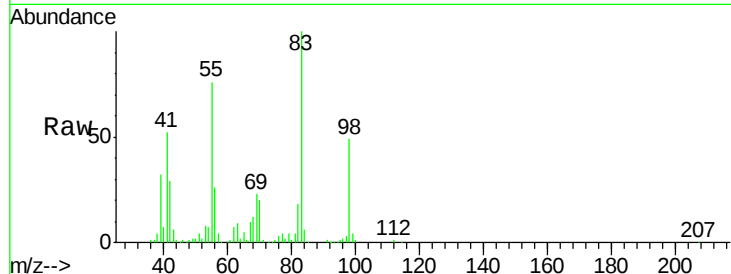
#39
Methvlcvclohexane
Concen: 40.628 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.8	91.2
98	49.1	38.6	58.0

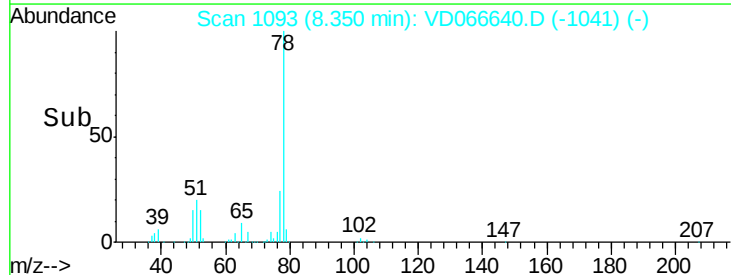
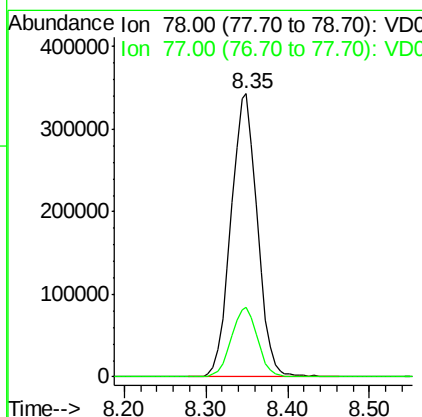
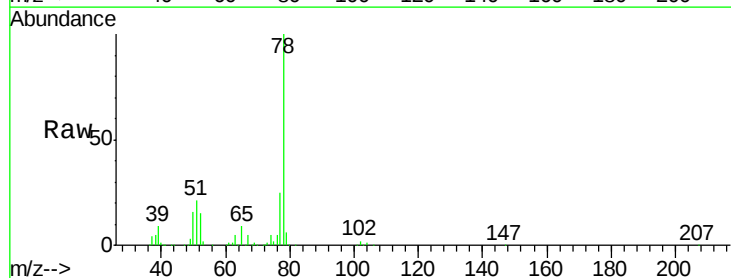
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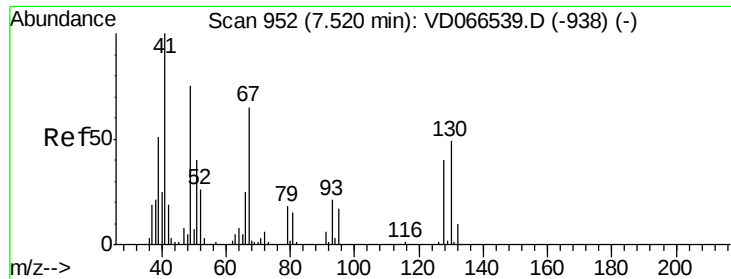
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#40
Benzene
Concen: 47.478 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





#41

Methacrylonitrile

Concen: 47.413 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 54201

Ion Ratio Lower Upper

41 100

39 157.6 53.6 80.4#

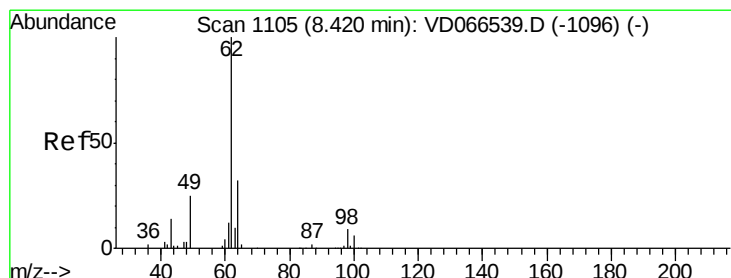
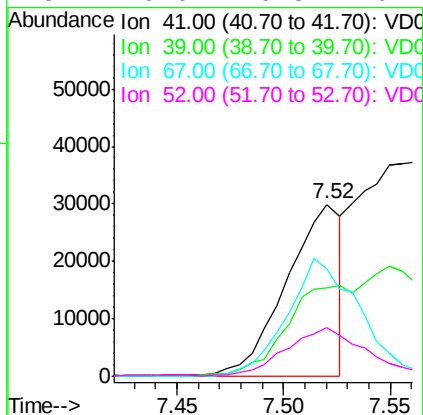
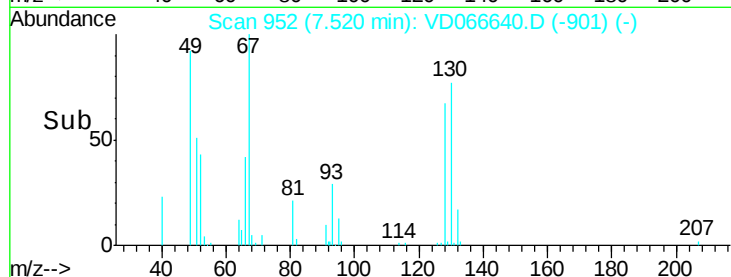
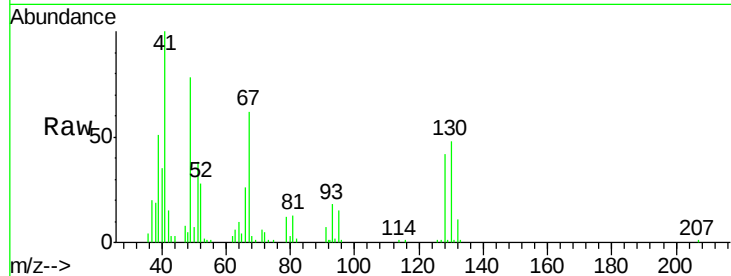
67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

Manual Integrations
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9/11/2020 10:18:05 AM



#42

1,2-Dichloroethane

Concen: 47.323 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066640.D

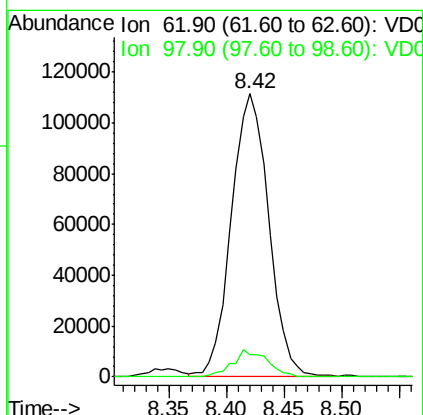
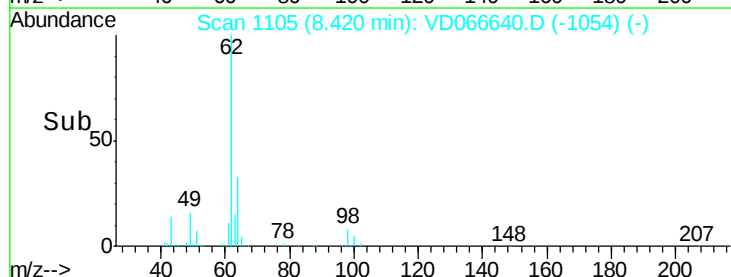
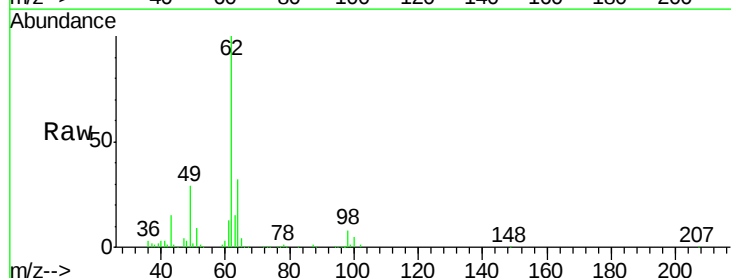
Acq: 11 Sep 2020 04:29

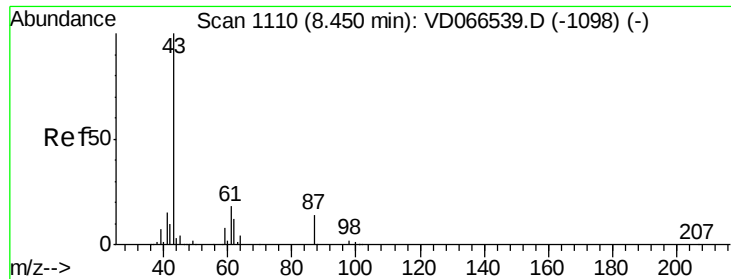
Tgt Ion: 62 Resp: 249055

Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.6





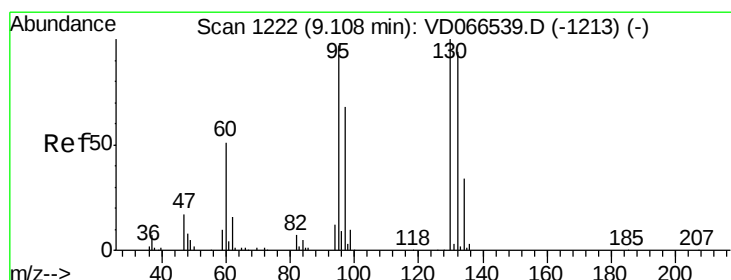
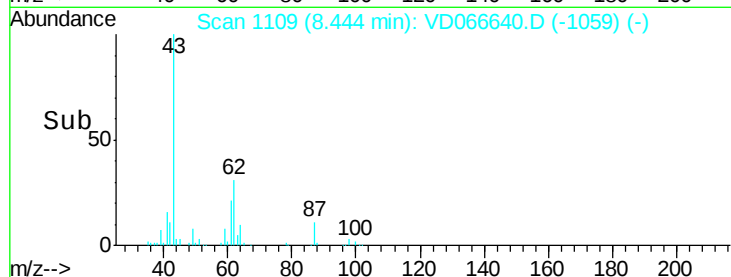
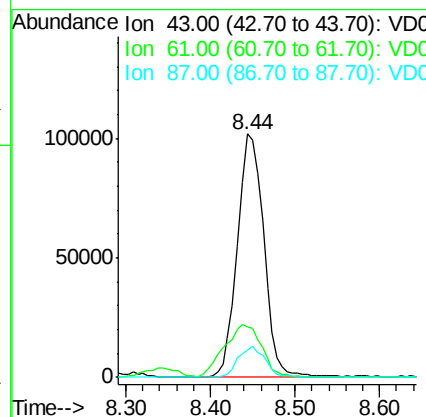
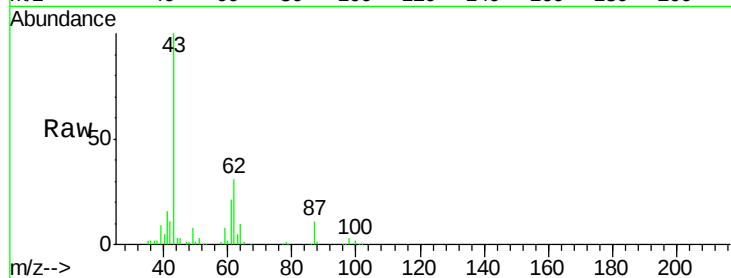
#43
Isopropyl Acetate
Concen: 48.868 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.8	35.8
87	13.1	10.7	16.1

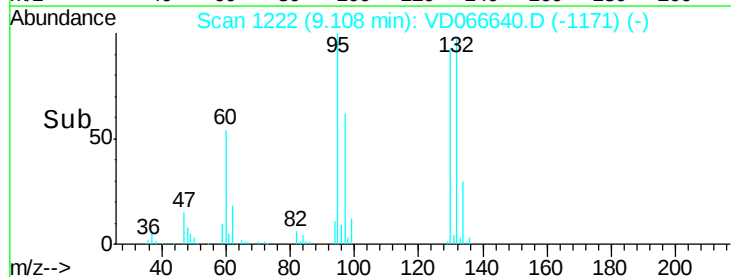
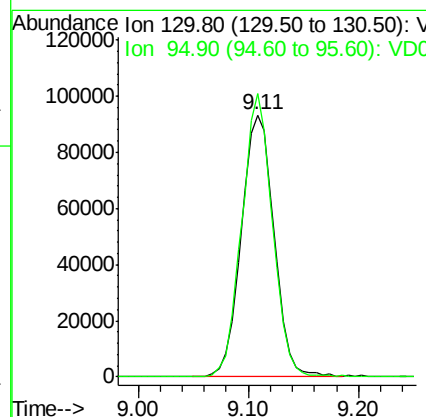
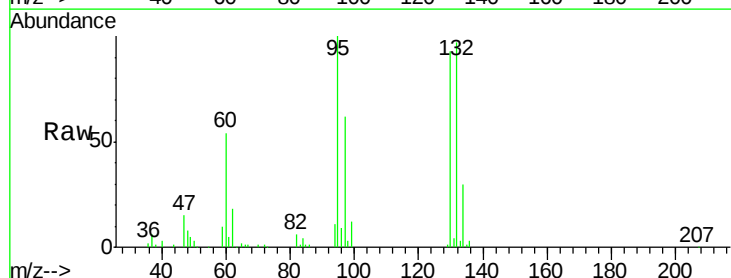
Manual Integrations
APPROVED

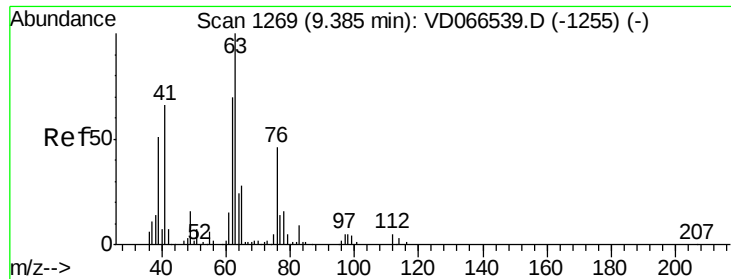
MMDadoda
9/11/2020 10:18:05 AM



#44
Trichloroethene
Concen: 45.672 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	194.4





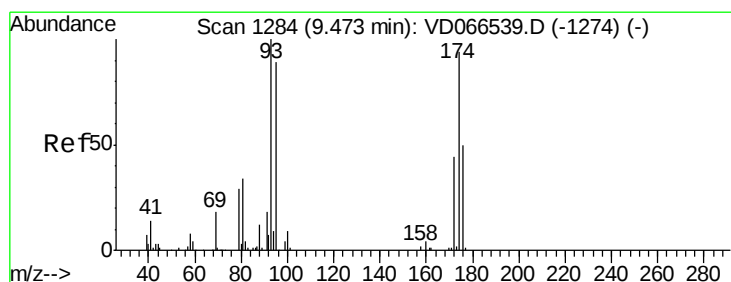
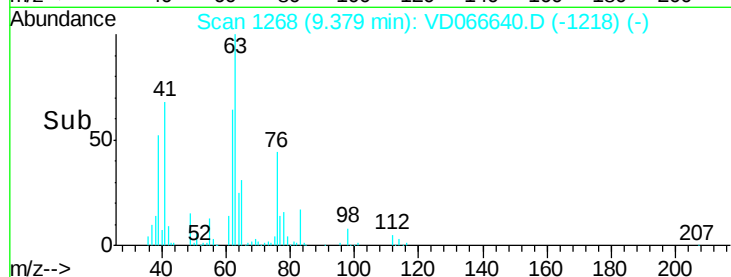
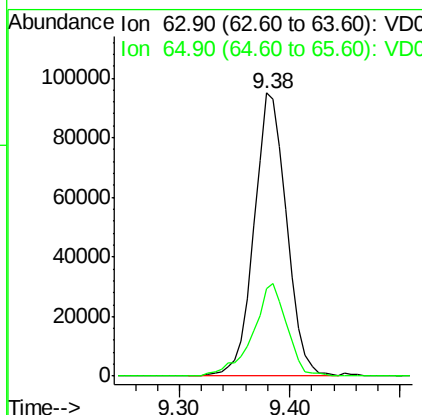
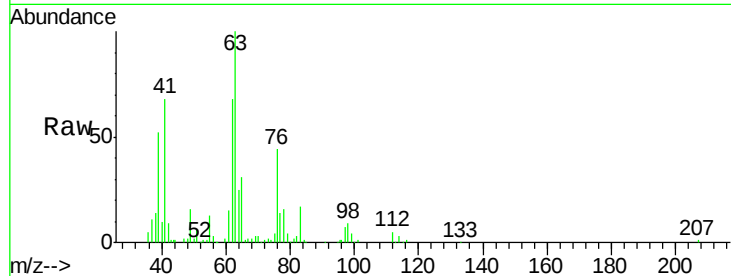
#45
 1,2-Dichloropropane
 Concen: 48.004 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 196090
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.6 34.0

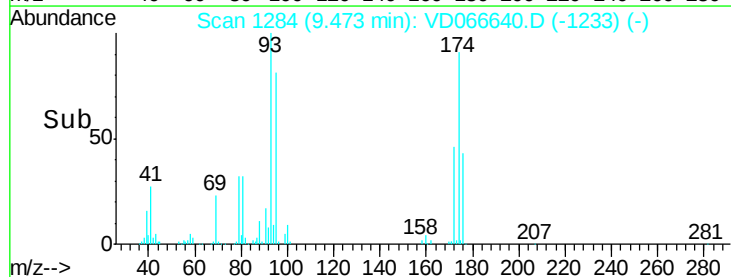
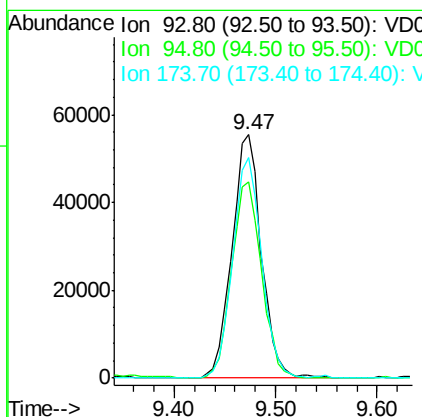
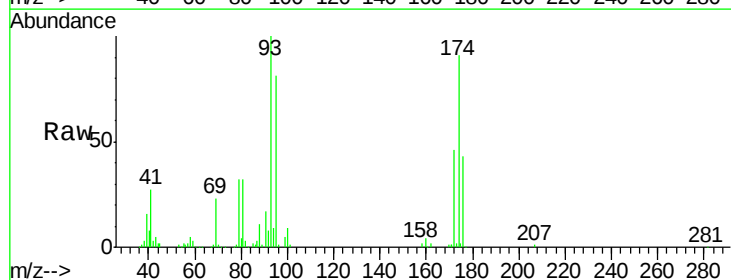
Manual Integrations
 APPROVED

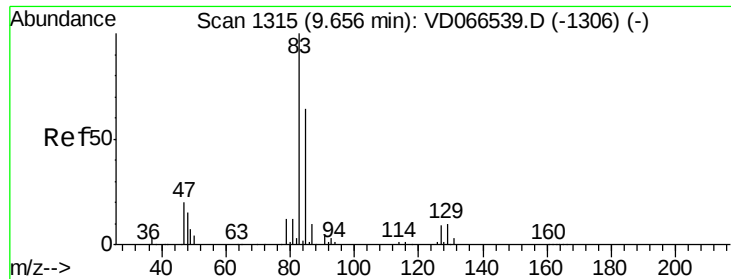
MMDadoda
 9/11/2020 10:18:05 AM



#46
 Dibromomethane
 Concen: 49.373 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 93 Resp: 111271
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.7 103.1
 174 89.4 70.0 105.0





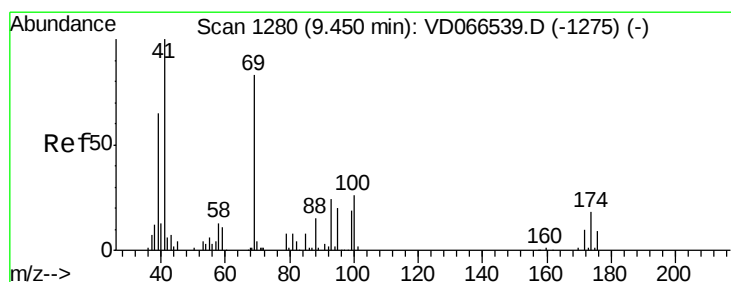
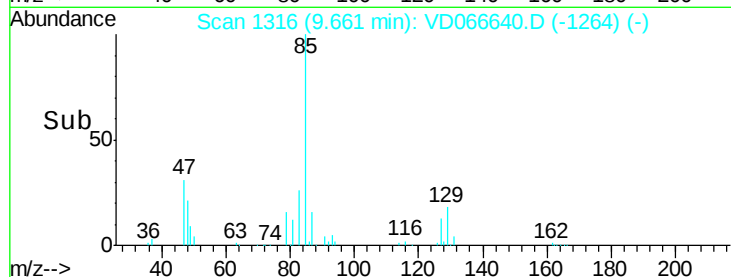
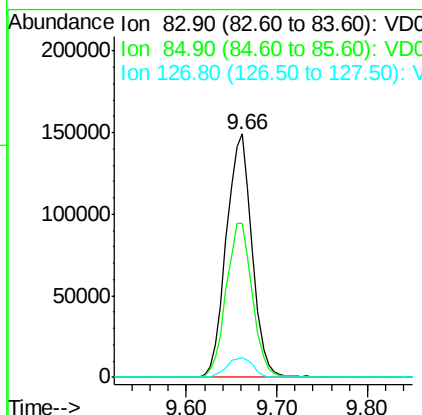
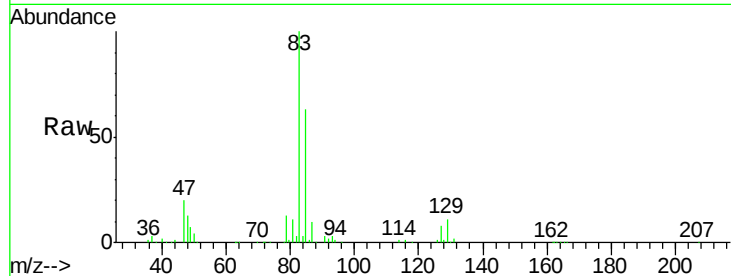
#47
Bromodichloromethane
Concen: 48.412 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	295186		
85	63.2		51.1	76.7
127	7.9		6.9	10.3

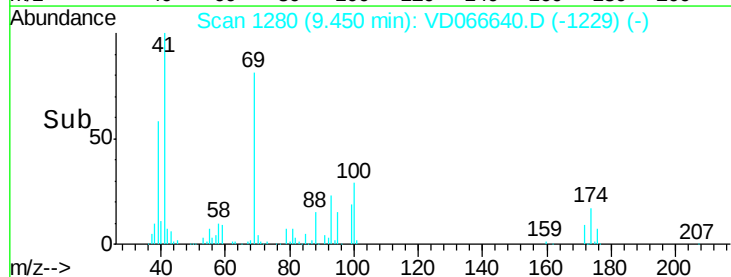
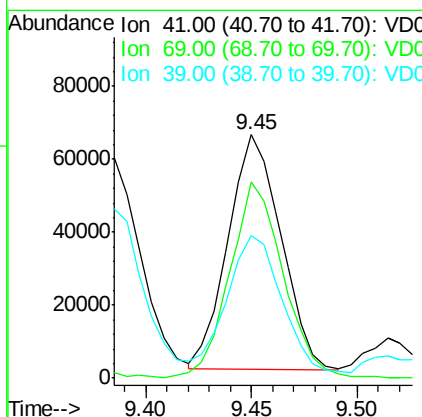
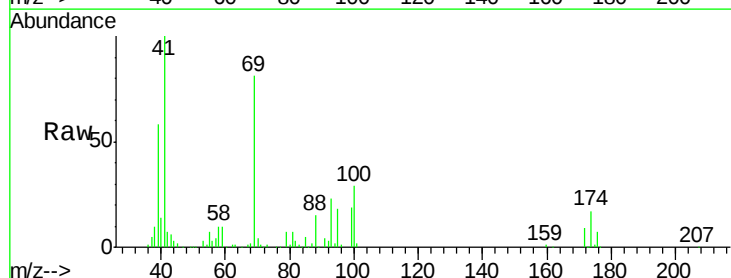
Manual Integrations
APPROVED

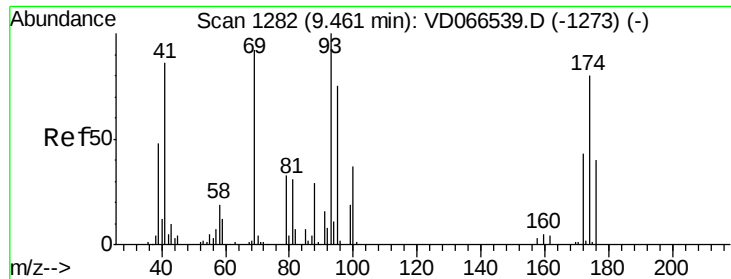
MMDadoda
9/11/2020 10:18:05 AM



#48
Methyl methacrylate
Concen: 48.718 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	111493		
69	84.1		64.5	96.7
39	66.2		46.6	69.8





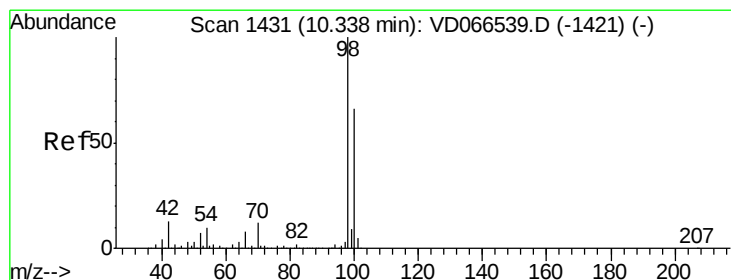
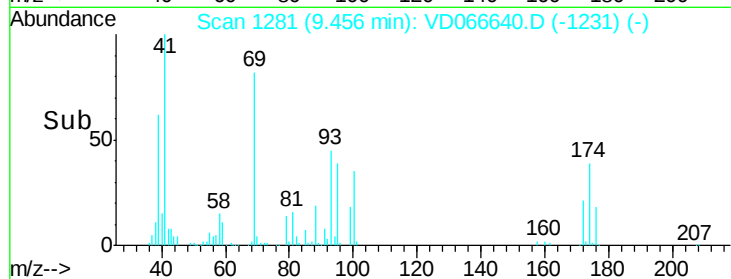
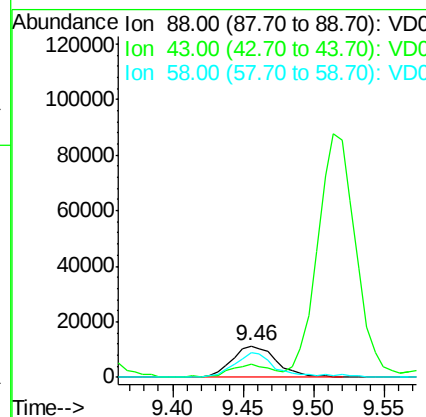
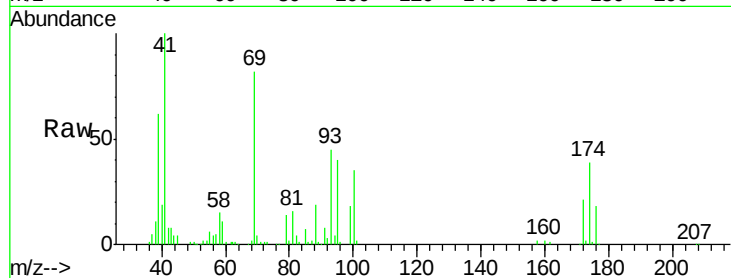
#49
1,4-Dioxane
Concen: 1031.321 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	25499		
43	38.1		28.3	42.5
58	66.9		56.1	84.1

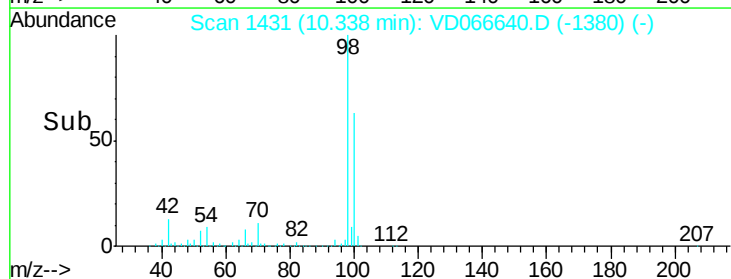
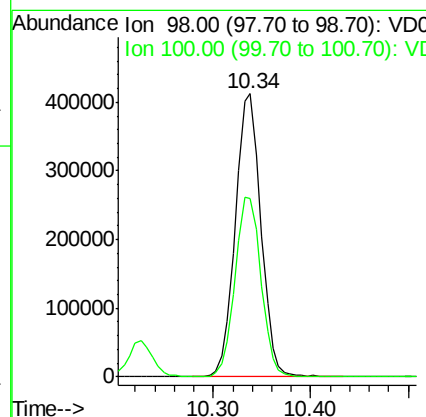
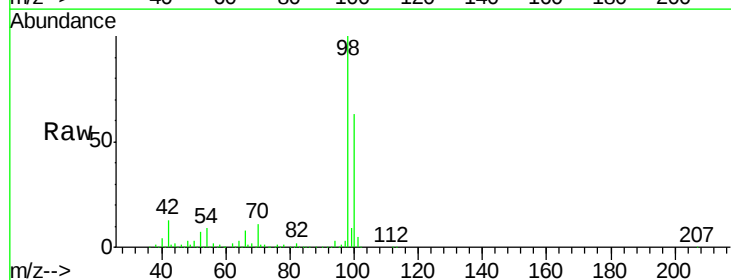
Manual Integrations
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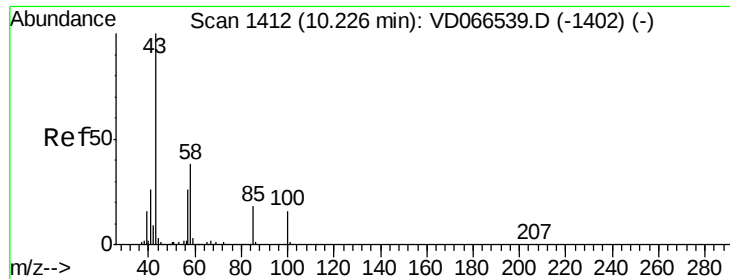
MMDadoda
9/11/2020 10:18:05 AM



#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	751925		
100	64.4		52.9	79.3





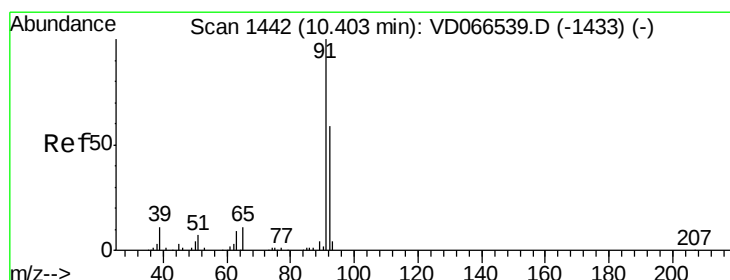
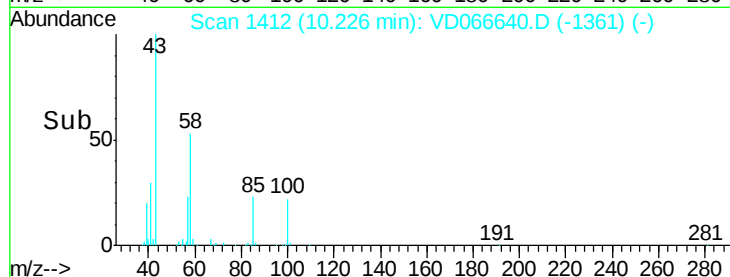
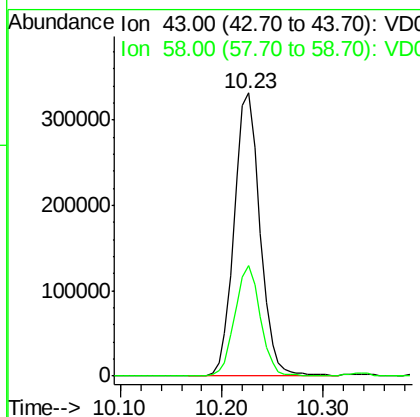
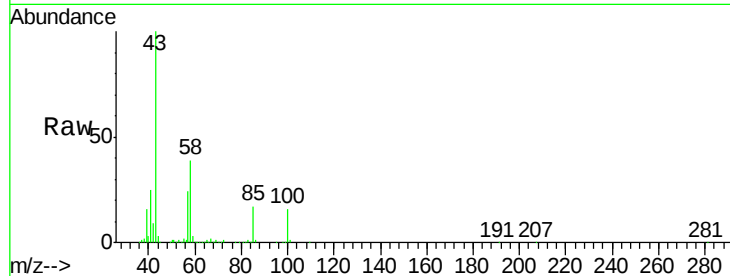
#51
4-Methyl-2-Pentanone
Concen: 258.345 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 589674
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7

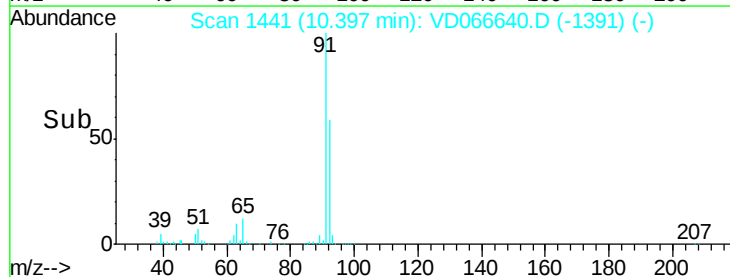
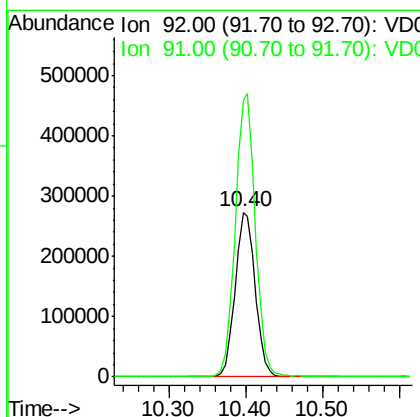
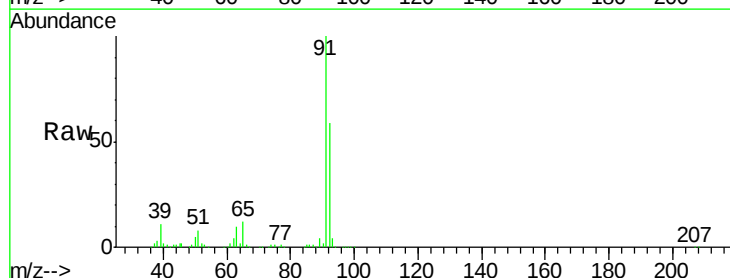
Manual Integrations
APPROVED

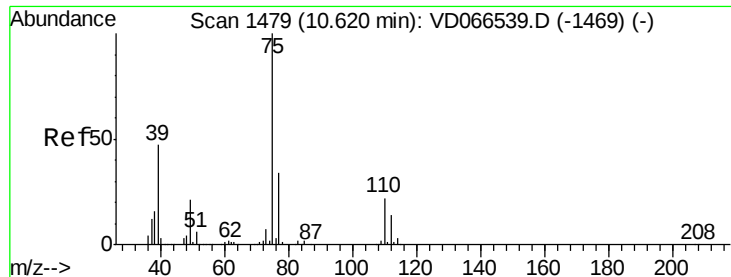
MMDadoda
9/11/2020 10:18:05 AM



#52
Toluene
Concen: 48.447 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 92 Resp: 498137
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.2





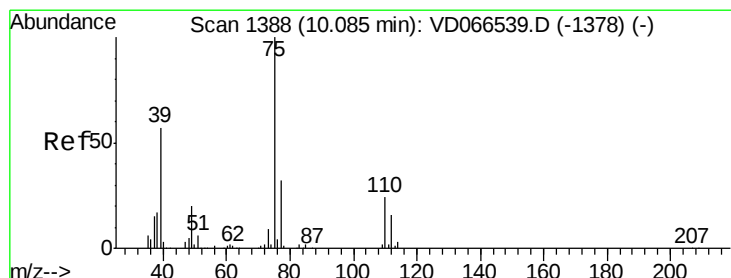
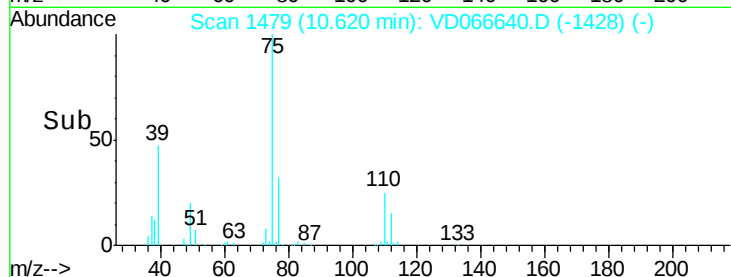
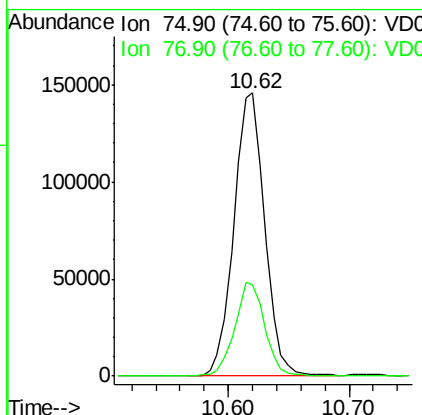
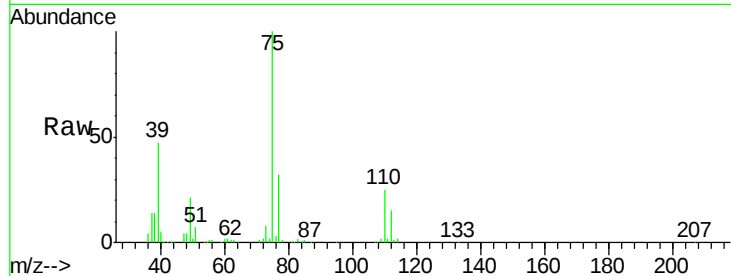
#53
t-1,3-Dichloropropene
Concen: 48.211 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 259500
Ion Ratio Lower Upper
75 100
77 32.3 27.4 41.2

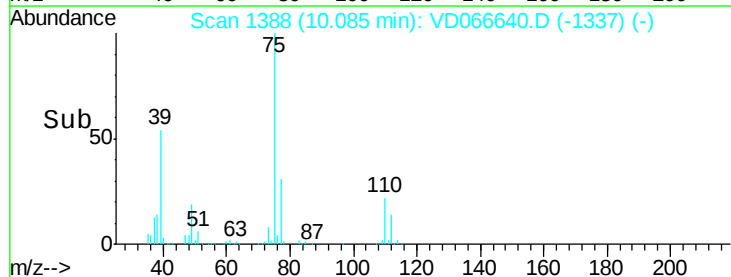
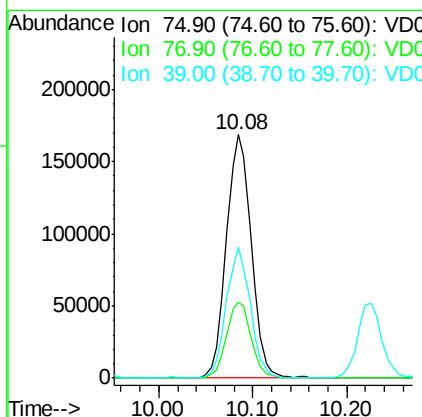
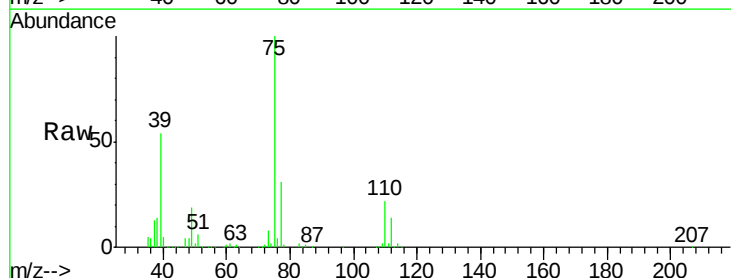
Manual Integrations
APPROVED

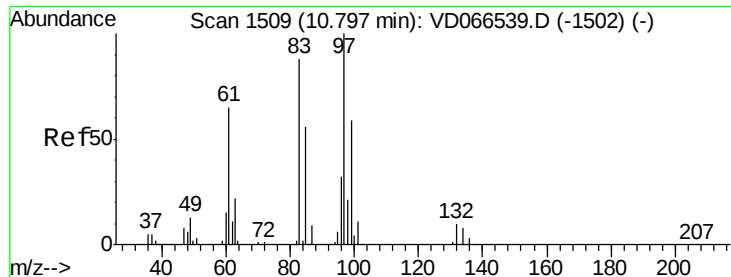
MMDadoda
9/11/2020 10:18:05 AM



#54
cis-1,3-Dichloropropene
Concen: 48.153 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 75 Resp: 311253
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 53.5 45.4 68.0





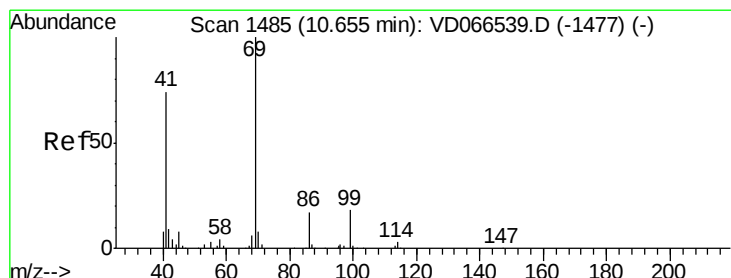
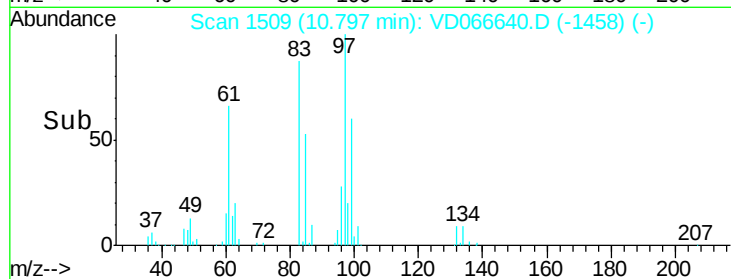
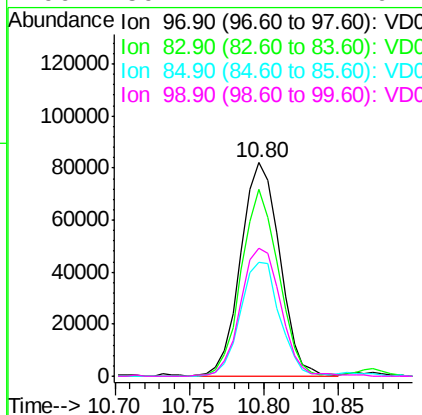
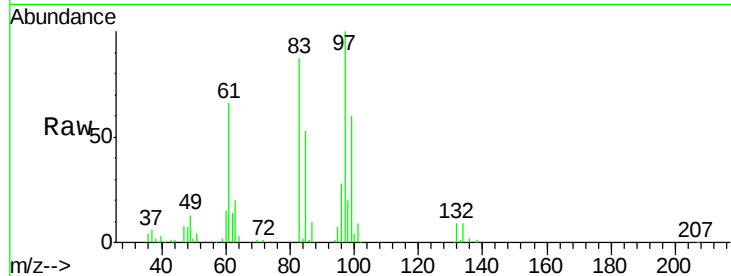
#55
 1,1,2-Trichloroethane
 Concen: 51.513 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		149269		
83	87.5	70.1	105.1		
85	53.3	44.5	66.7		
99	59.7	47.1	70.7		

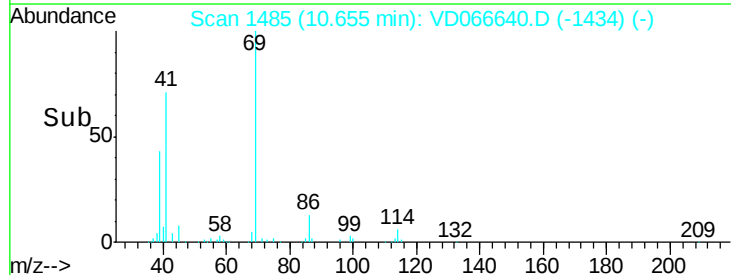
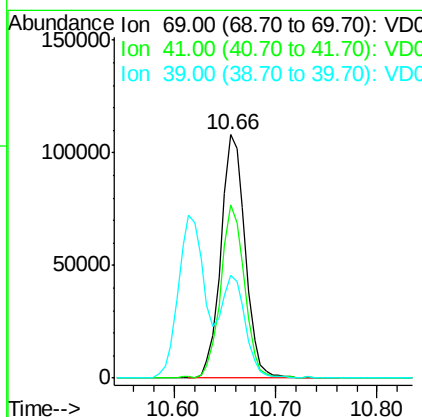
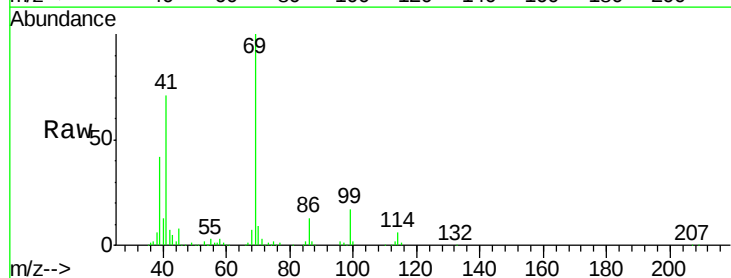
Manual Integrations
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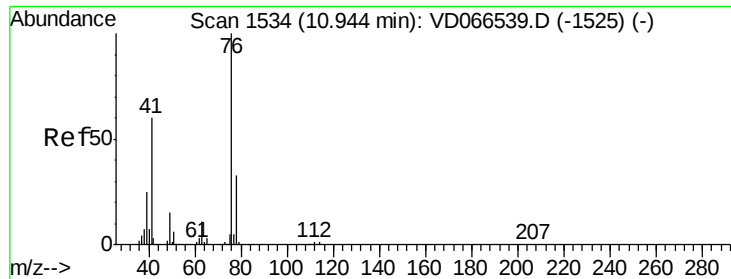
MMDadoda
 9/11/2020 10:18:05 AM



#56
 Ethyl methacrylate
 Concen: 53.307 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		179851		
41	70.8	56.8	85.2		
39	41.6	30.6	46.0		





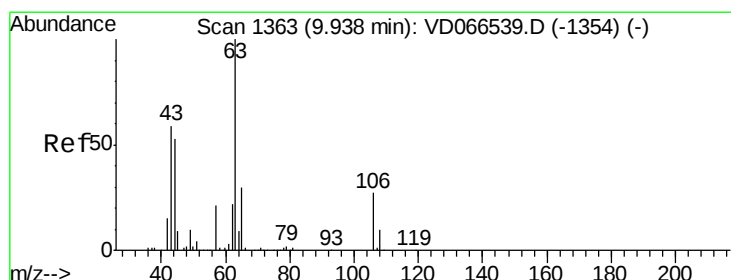
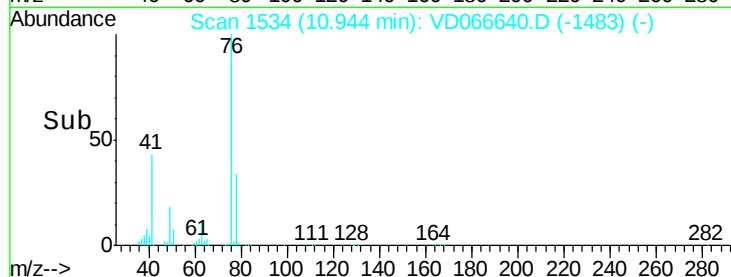
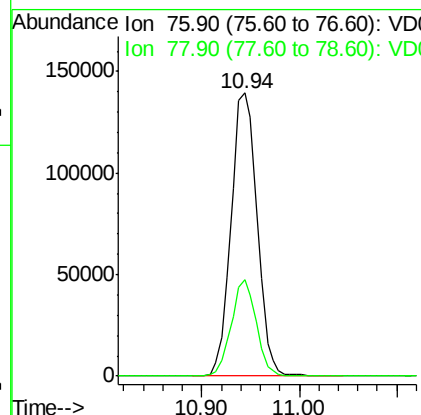
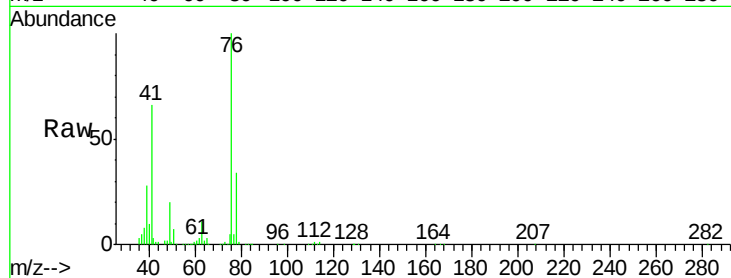
#57
 1,3-Dichloropropane
 Concen: 51.000 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 258852
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

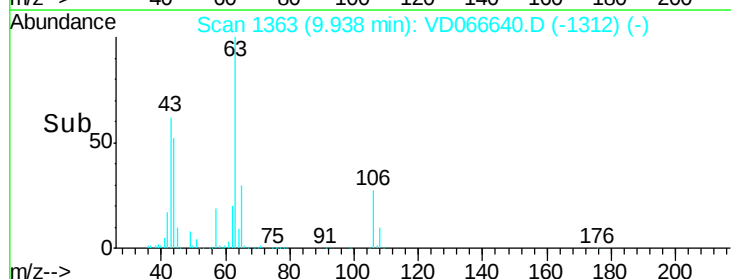
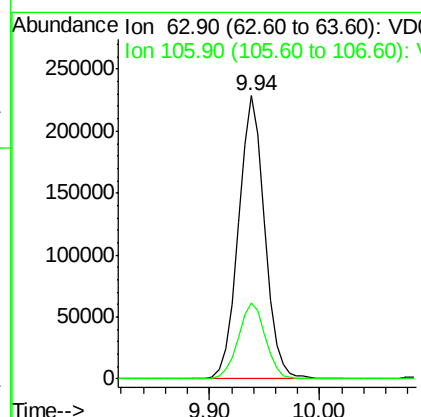
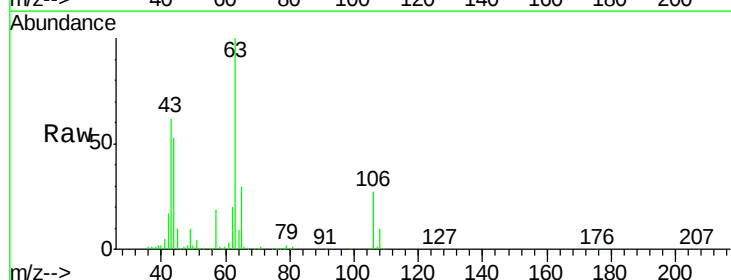
Manual Integrations
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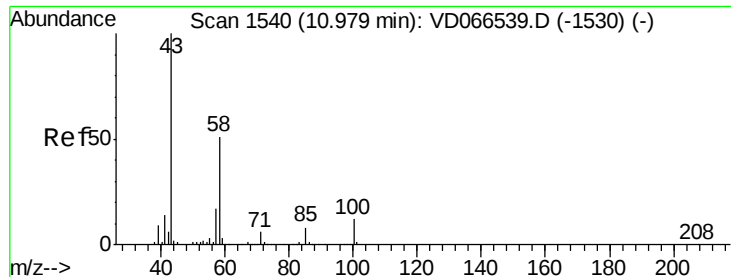
MMDadoda
 9/11/2020 10:18:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.450 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion: 63 Resp: 381863
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.0 33.0





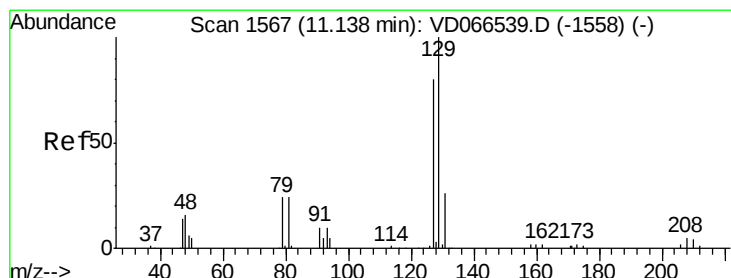
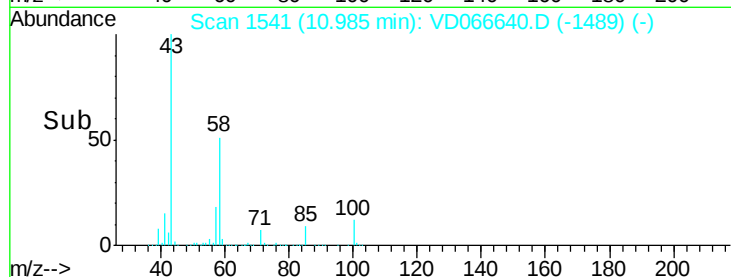
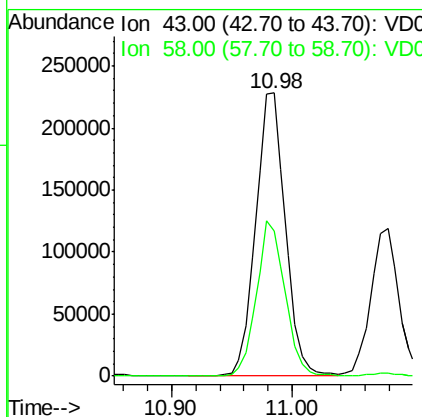
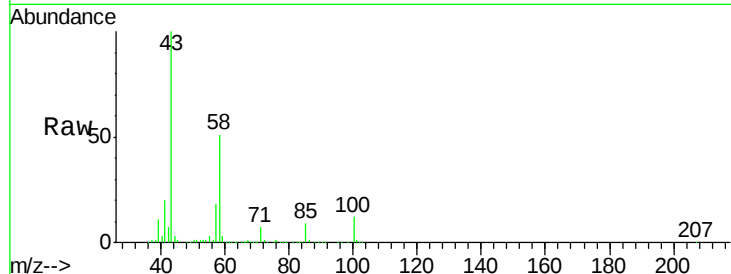
#59
2-Hexanone
Concen: 256.362 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 393500
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.8

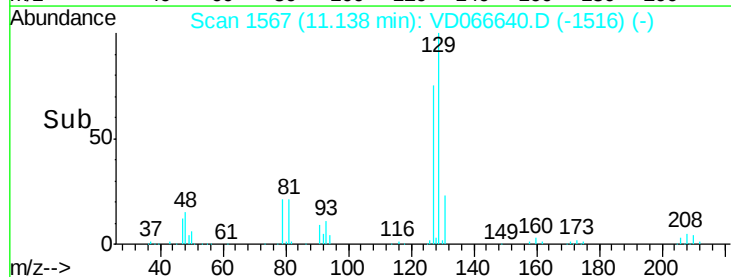
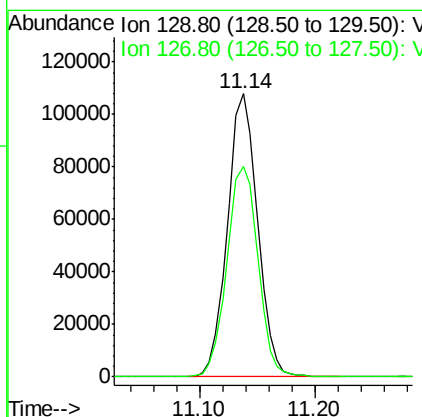
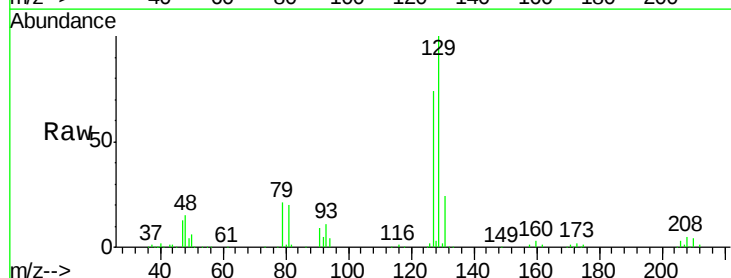
Manual Integrations
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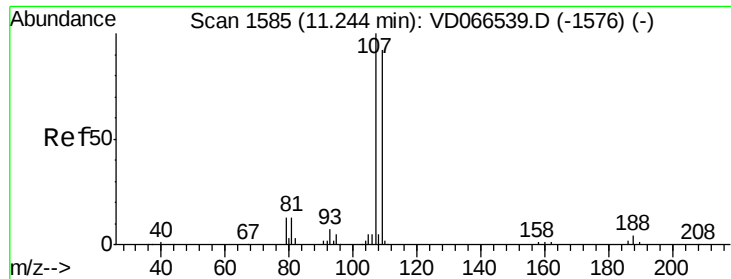
MMDadoda
9/11/2020 10:18:05 AM



#60
Dibromochloromethane
Concen: 51.014 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 129 Resp: 195475
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3





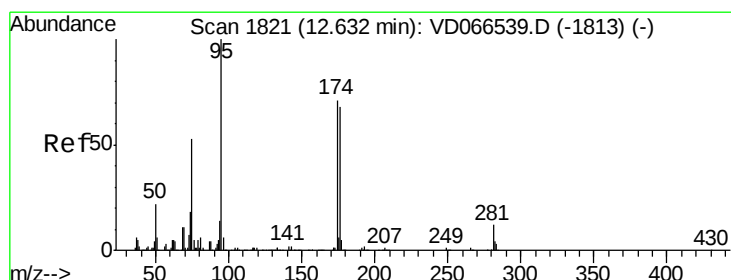
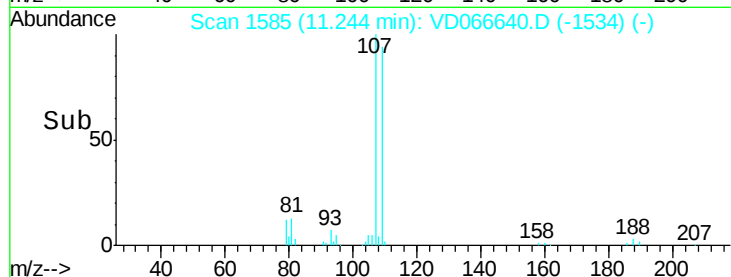
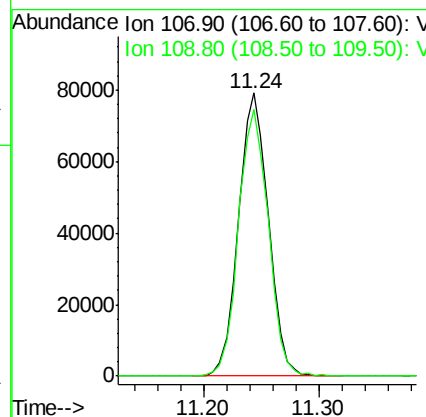
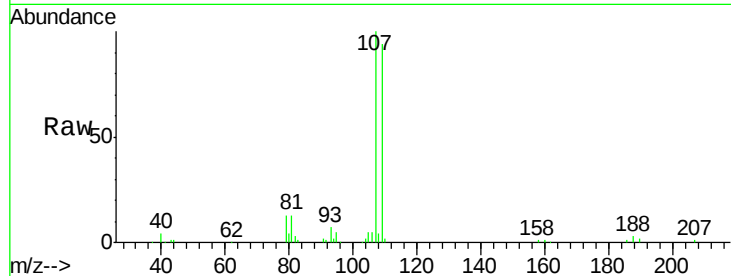
#61
 1,2-Dibromoethane
 Concen: 50.235 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.4	111.6

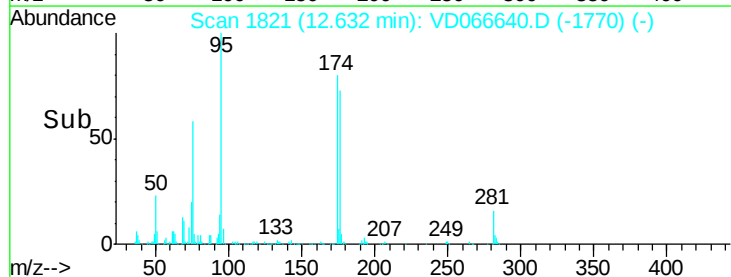
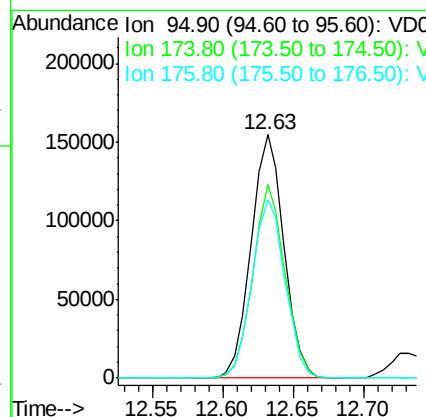
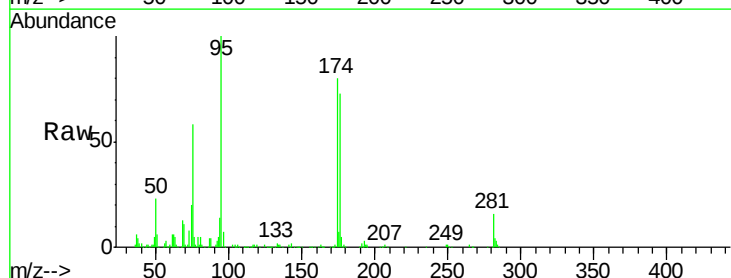
Manual Integrations
 APPROVED

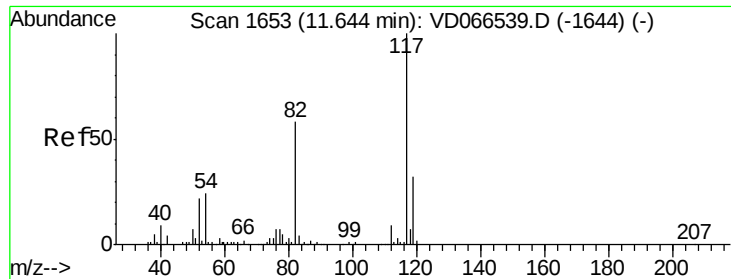
MMDadoda
 9/11/2020 10:18:05 AM



#62
 4-Bromofluorobenzene
 Concen: 55.449 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	155.8
176	74.0	0.0	148.6





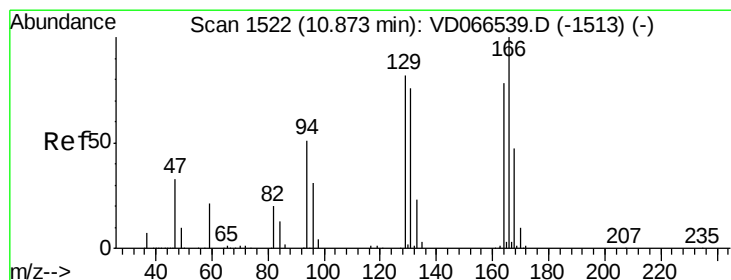
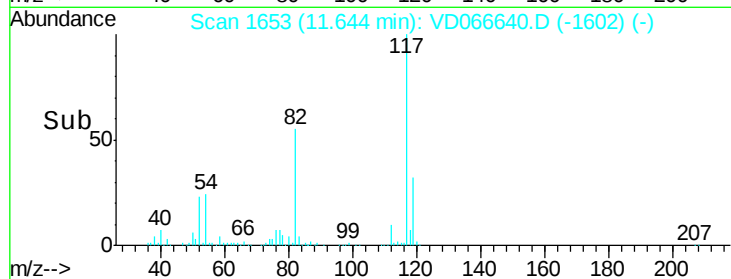
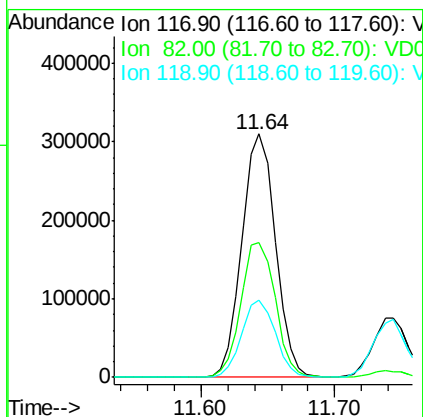
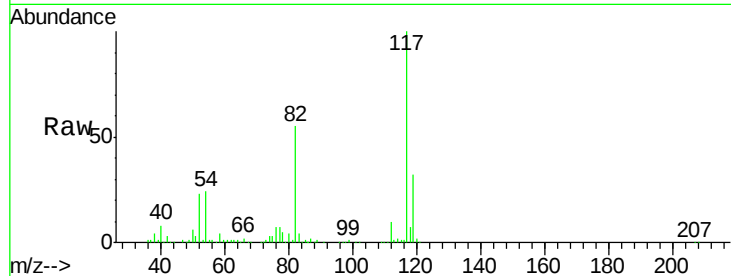
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.2
119	31.9	25.8	38.8

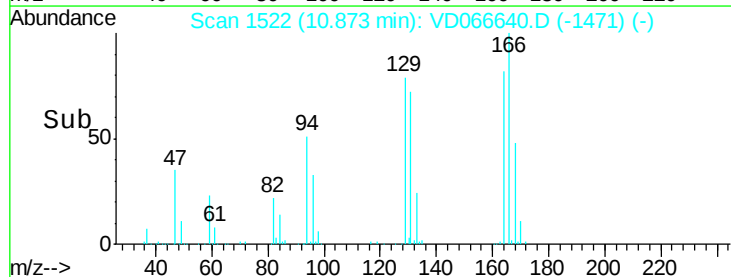
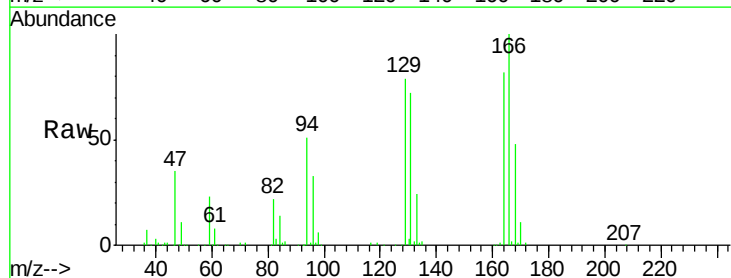
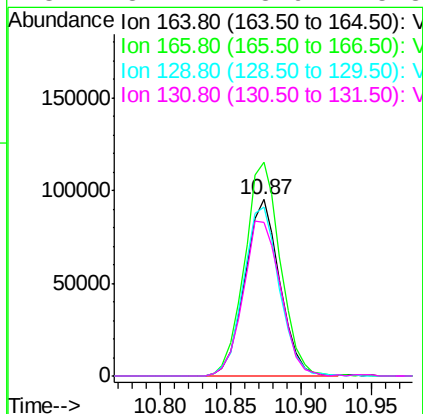
Manual Integrations
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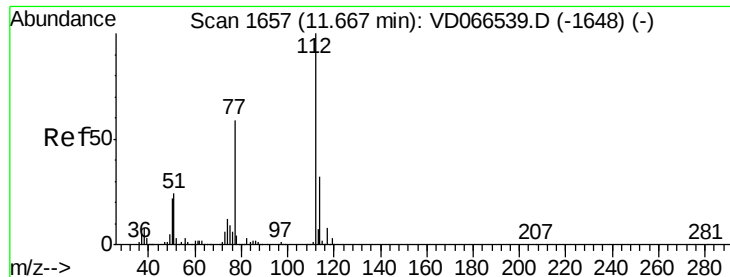
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#64
Tetrachloroethene
Concen: 45.240 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	103.2	154.8
129	96.1	84.5	126.7
131	87.1	78.9	118.3





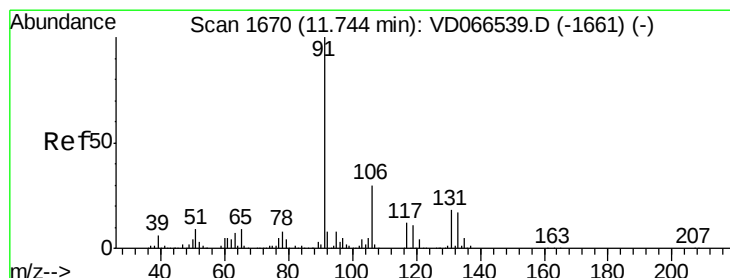
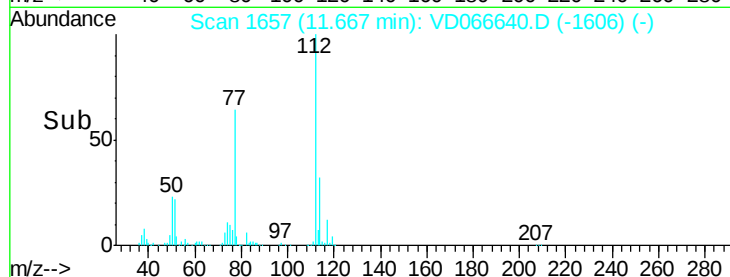
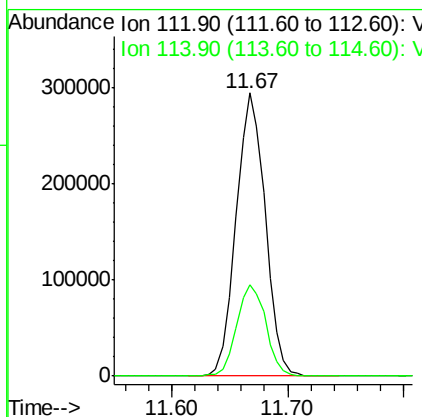
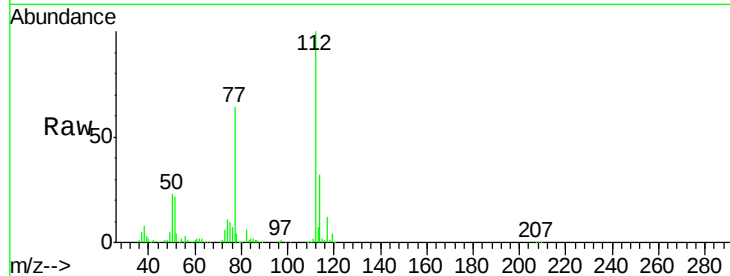
#65
Chlorobenzene
Concen: 46.119 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

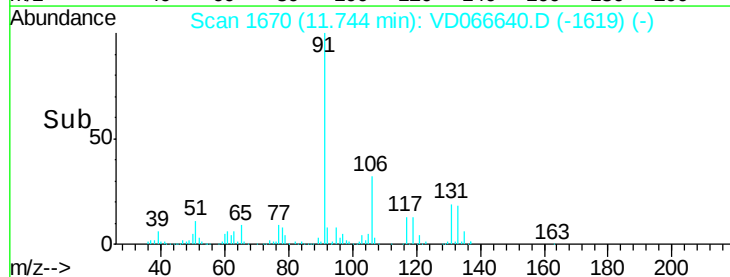
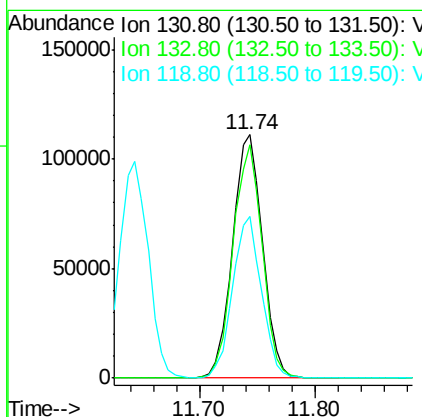
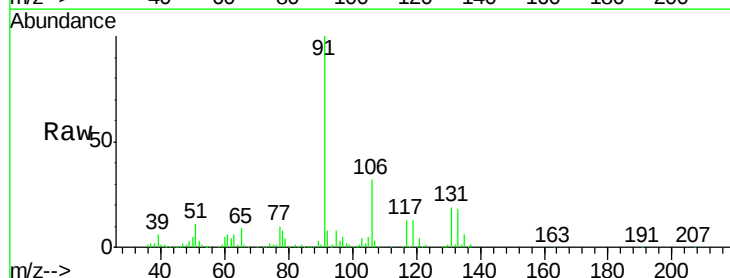
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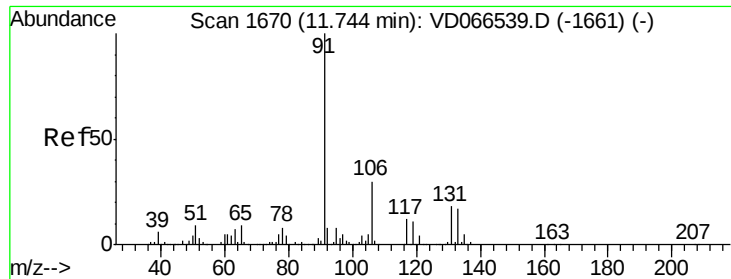
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.762 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	46.7	140.0
119	64.2	31.9	95.7





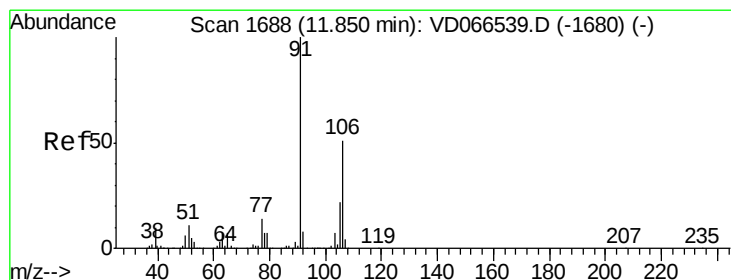
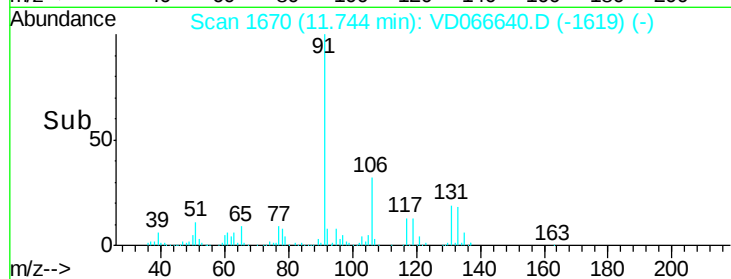
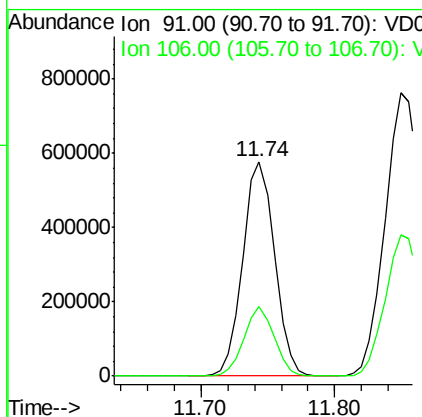
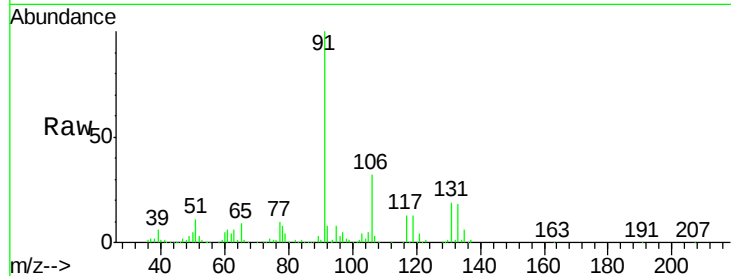
#67
Ethyl Benzene
Concen: 46.445 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 951728
Ion Ratio Lower Upper
91 100
106 32.3 24.3 36.5

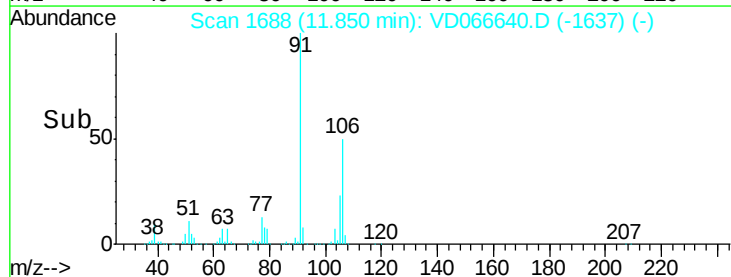
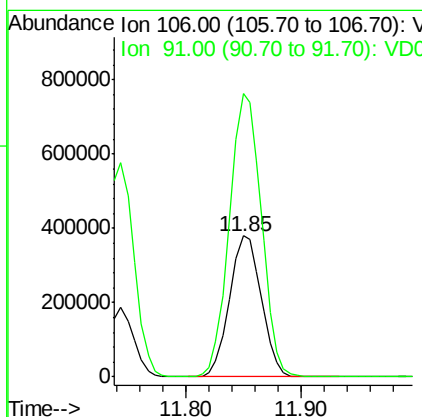
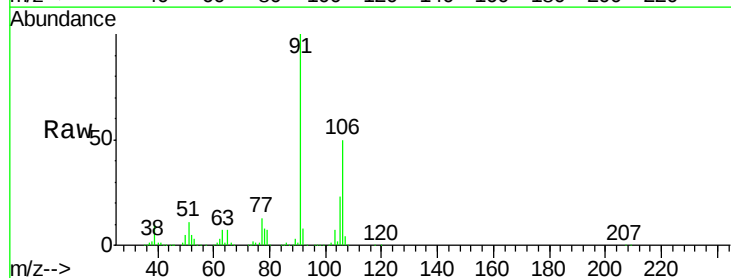
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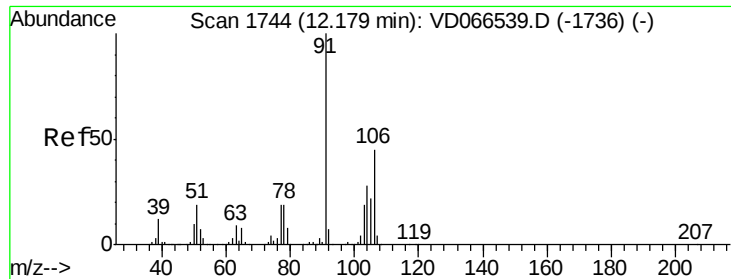
MMDadoda
9/11/2020 10:18:05 AM



#68
m/p-Xylenes
Concen: 95.154 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion: 106 Resp: 723990
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6





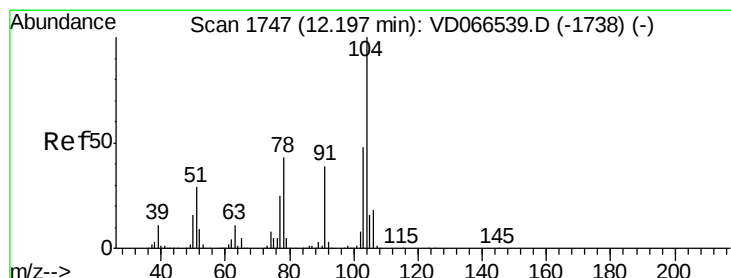
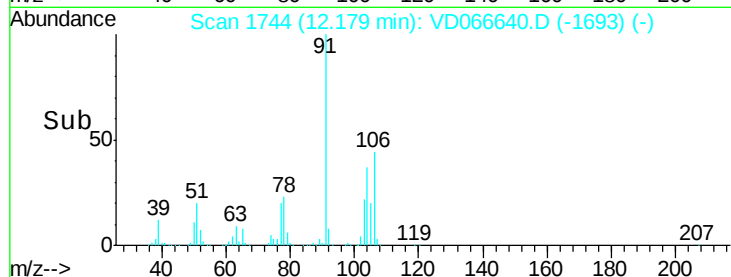
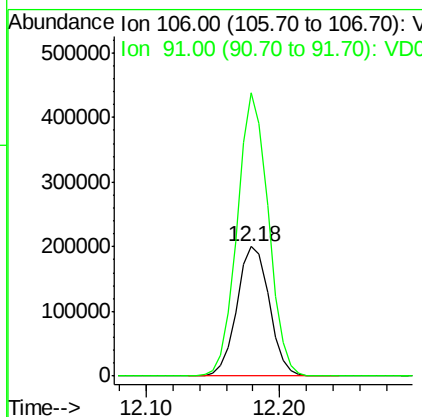
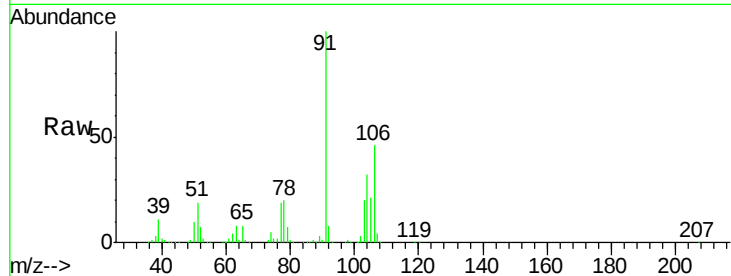
#69
o-Xylene
Concen: 49.209 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 335543
Ion Ratio Lower Upper
106 100
91 210.7 107.9 323.8

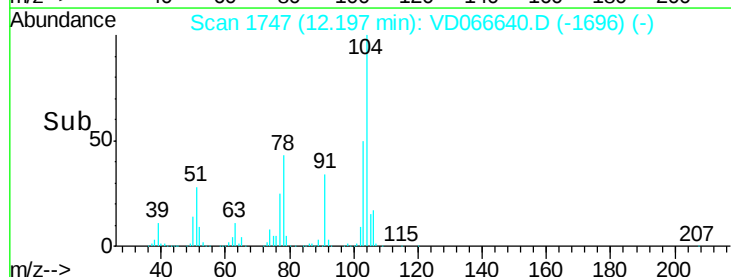
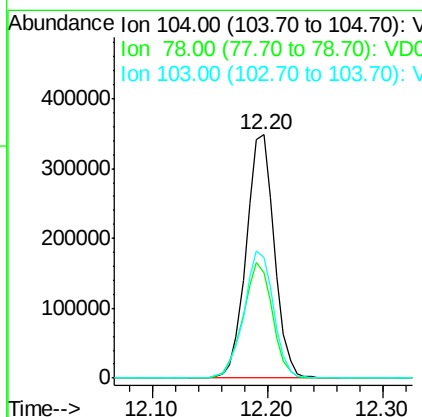
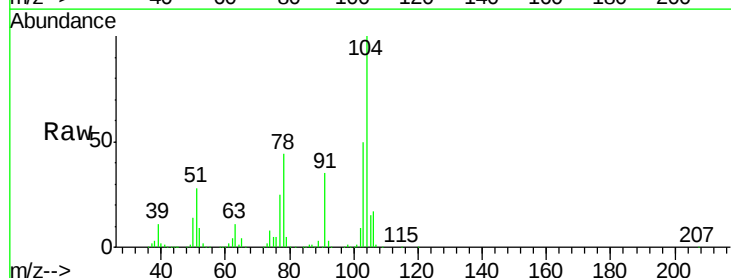
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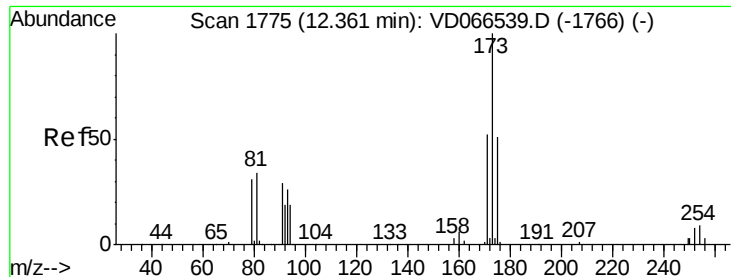
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#70
Styrene
Concen: 49.667 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion:104 Resp: 588780
Ion Ratio Lower Upper
104 100
78 49.8 40.7 61.1
103 54.8 42.9 64.3





#71

Bromoform

Concen: 48.140 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

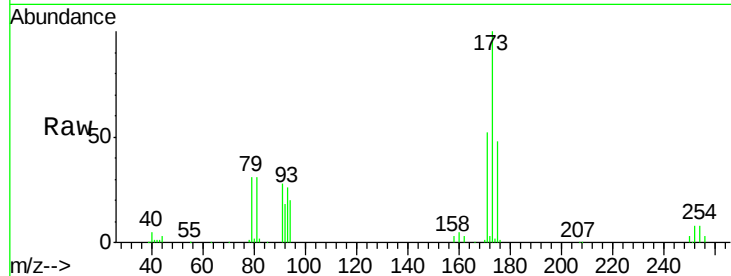
ClientSampleId :

VSTDCCC050EC

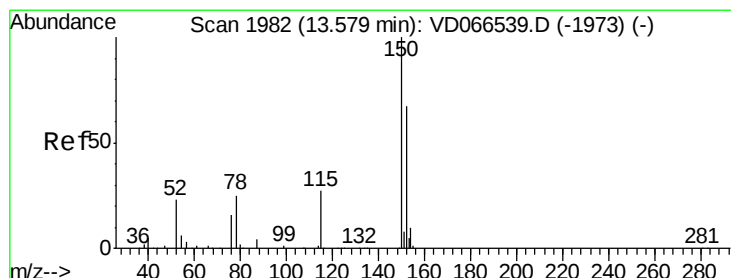
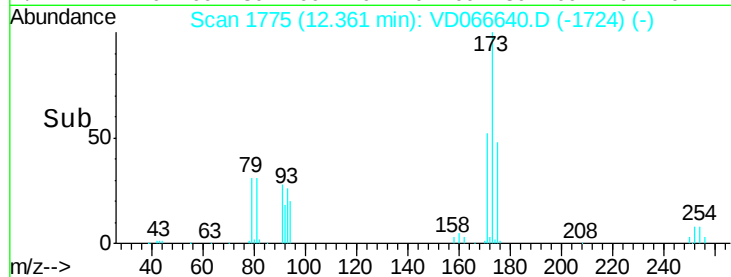
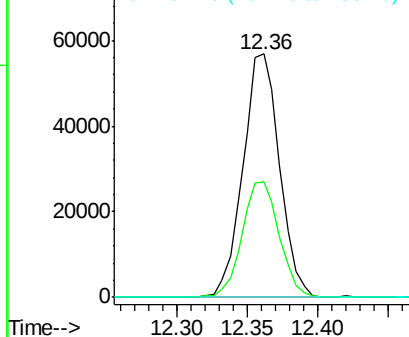
Tot Ion:	173	Resp:	103331
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.2	72.6
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

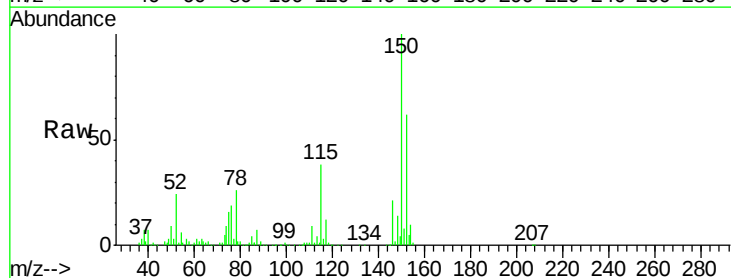
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

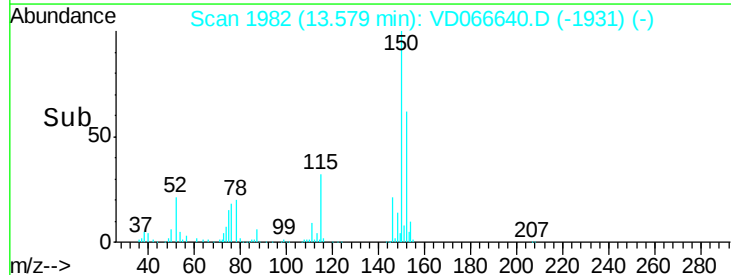
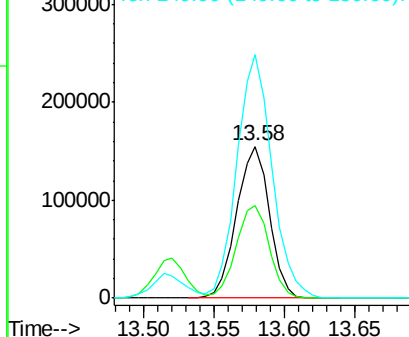
Lab File: VD066640.D

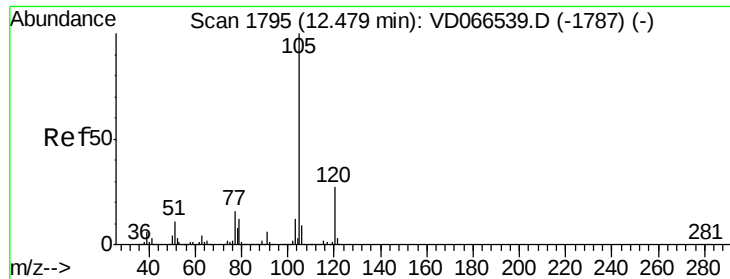
Acq: 11 Sep 2020 04:29

Tgt Ion:	152	Resp:	251956
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.2
150	171.6	0.0	345.8



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





#73

Isopropylbenzene

Concen: 47.242 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 881274

Ion Ratio Lower Upper

105 100

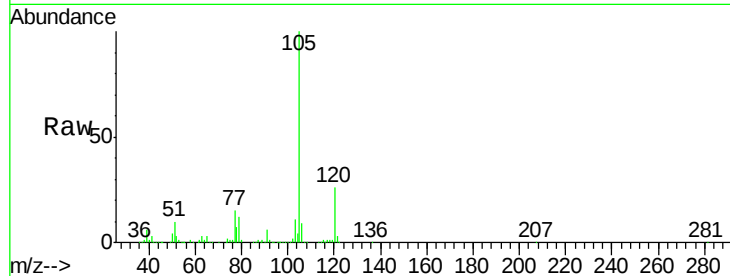
120 25.9 13.0 39.0

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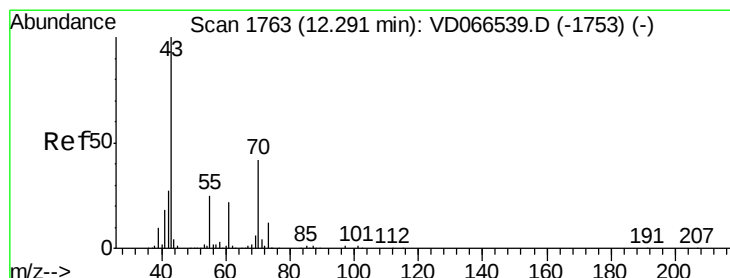
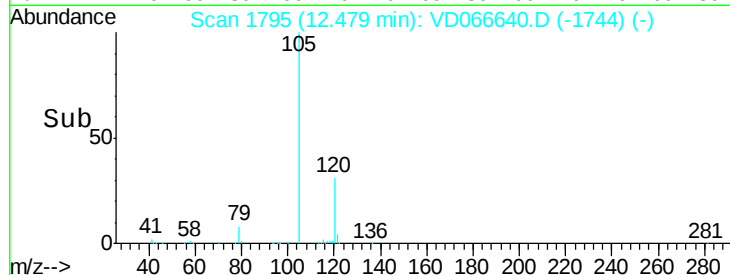
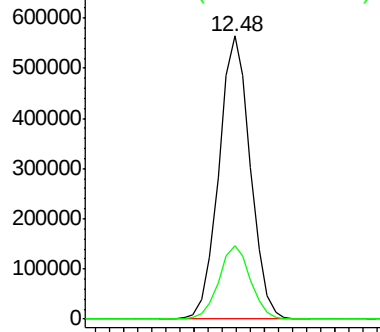
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.708 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Tgt Ion: 43 Resp: 205794

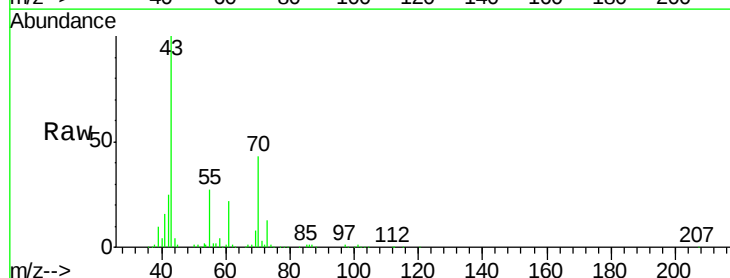
Ion Ratio Lower Upper

43 100

70 41.4 33.4 50.2

55 26.2 20.1 30.1

61 22.6 18.2 27.2

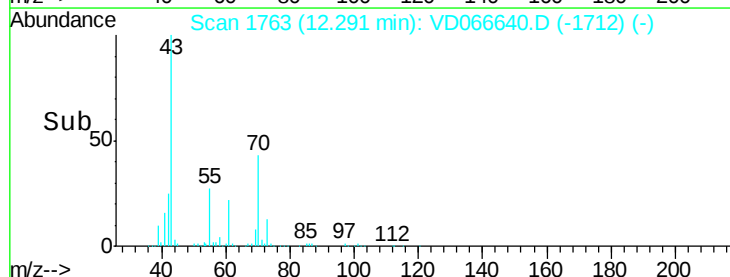
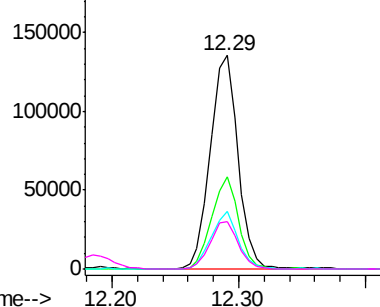


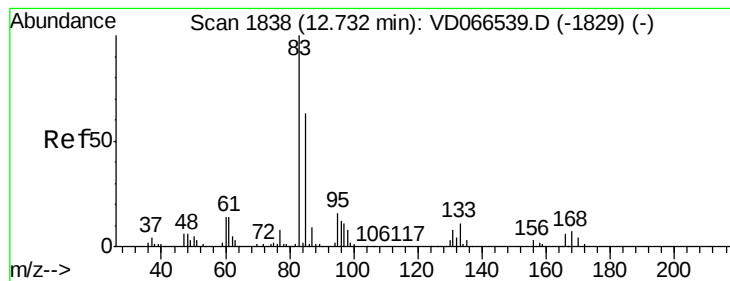
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.114 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

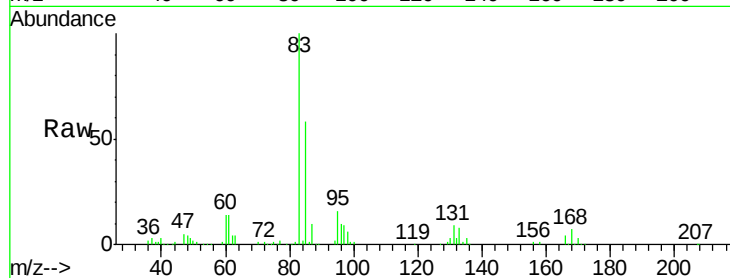
ClientSampleId :

VSTDCCC050EC

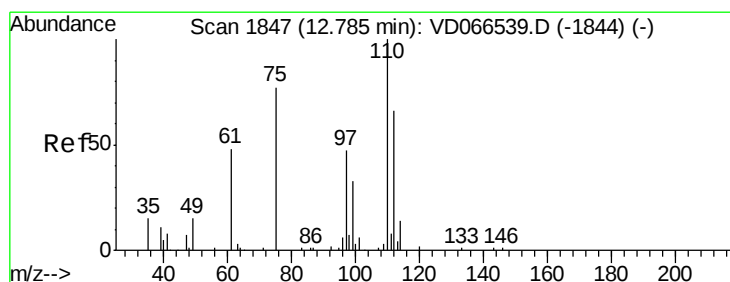
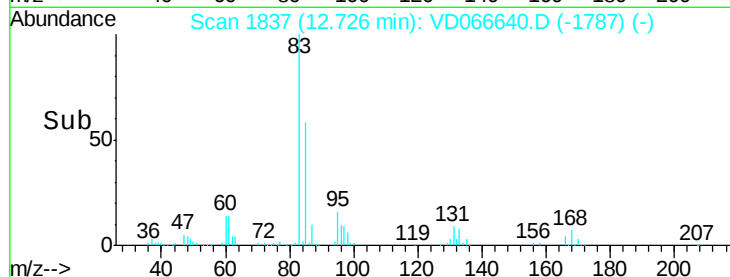
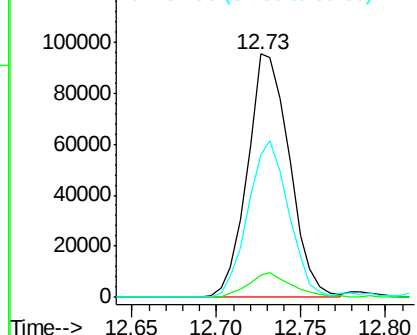
Tot Ion:	83	Resp:	165156
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	62.2	32.1	96.3

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 50.285 ug/l m

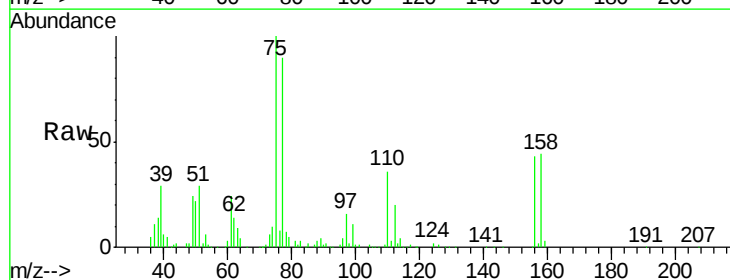
RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

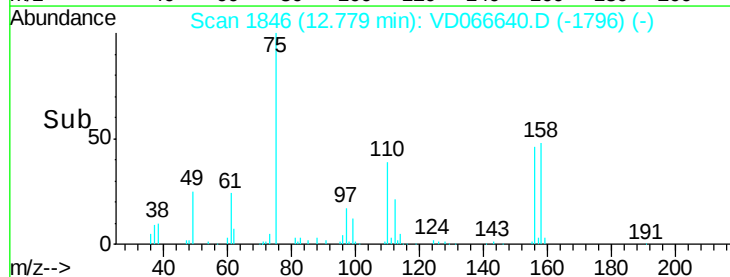
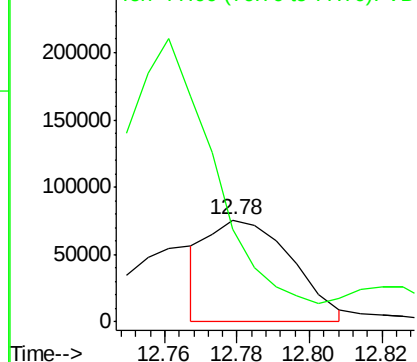
Lab File: VD066640.D

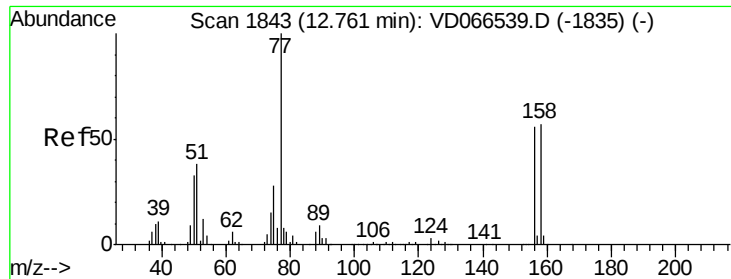
Acq: 11 Sep 2020 04:29

Tgt Ion:	75	Resp:	121847
Ion Ratio	Lower	Upper	
75	100		
77	320.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.892 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

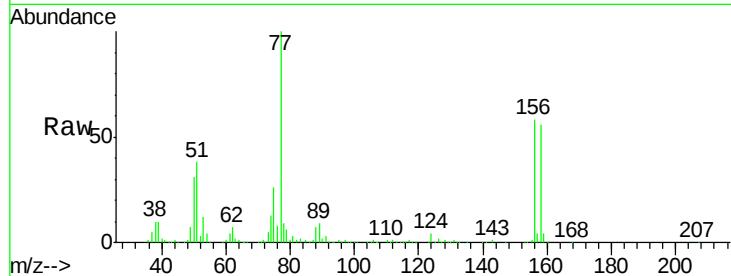
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.8	98.0	294.1
158	96.8	48.1	144.3

Manual Integrations
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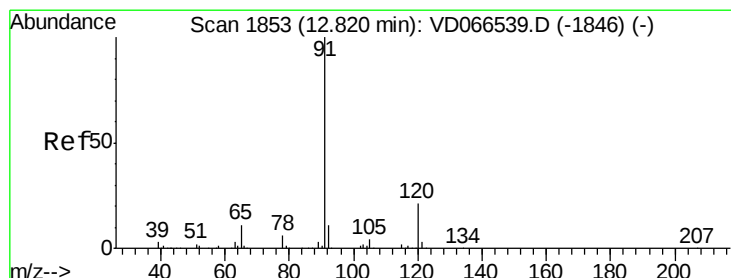
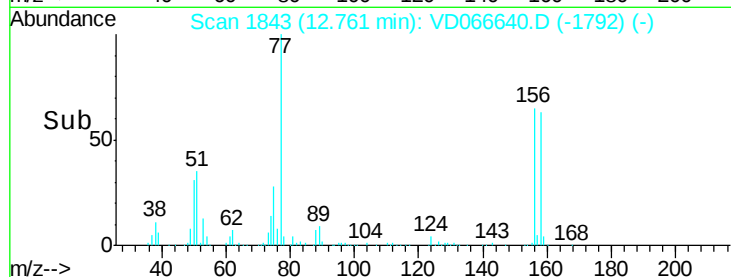
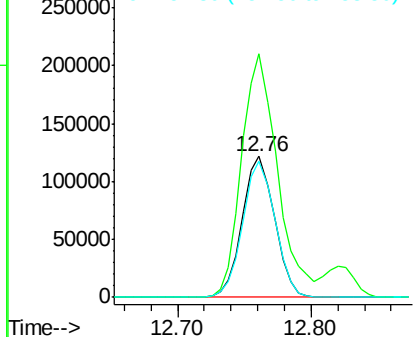
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.887 ug/l

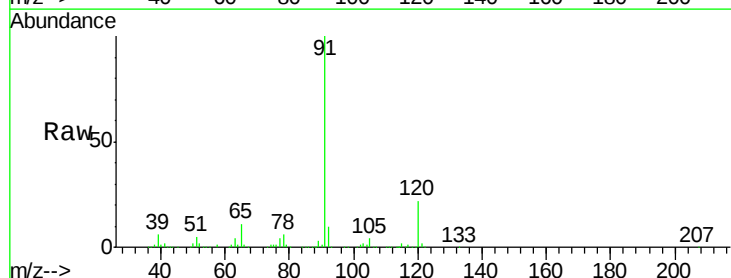
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066640.D

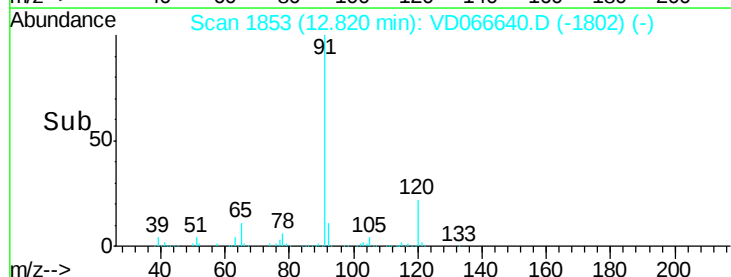
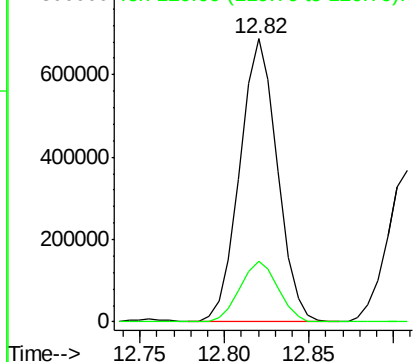
Acq: 11 Sep 2020 04:29

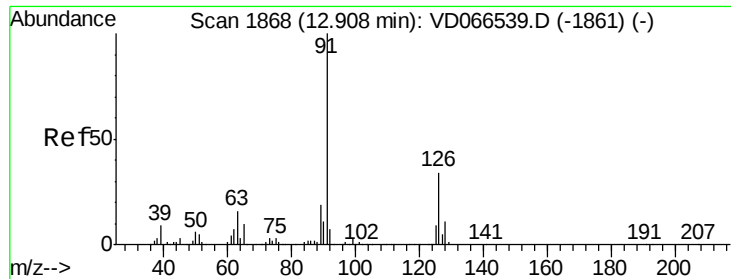
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.215 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066640.D

Acq: 11 Sep 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 611671

Ion Ratio Lower Upper

91 100

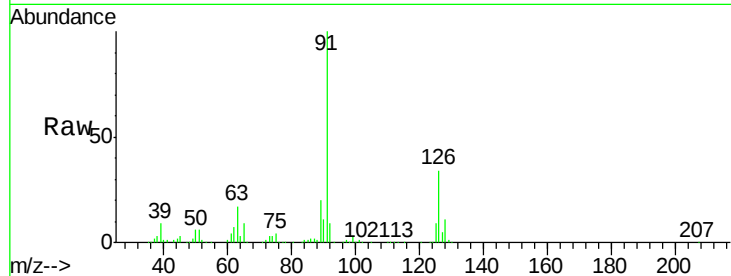
126 32.6 16.4 49.4

Manual Integrations

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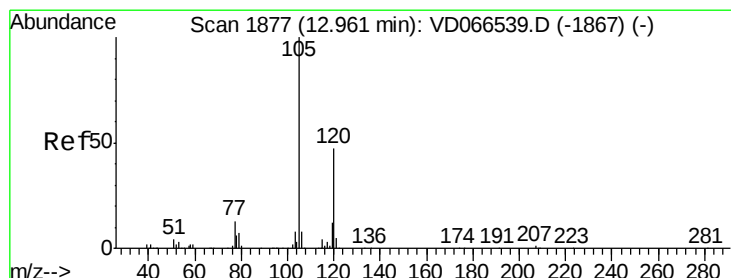
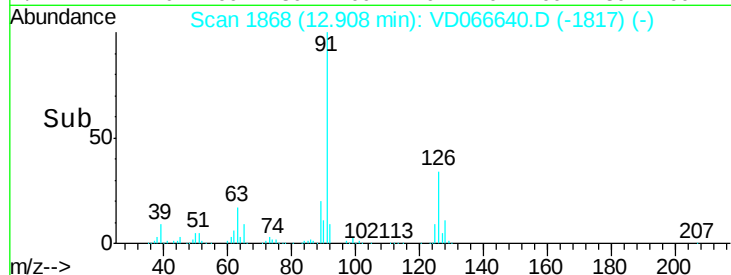
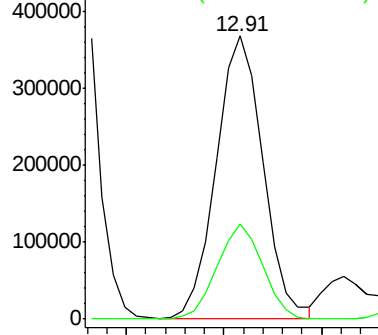
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.871 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066640.D

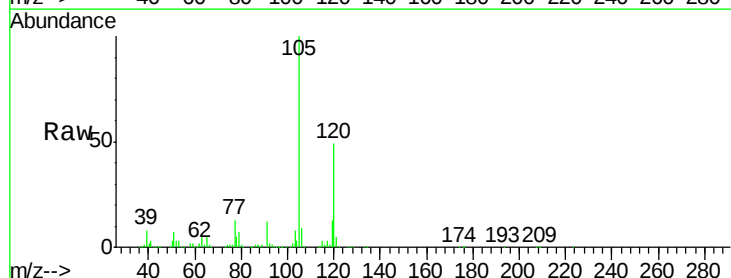
Acq: 11 Sep 2020 04:29

Tgt Ion: 105 Resp: 751620

Ion Ratio Lower Upper

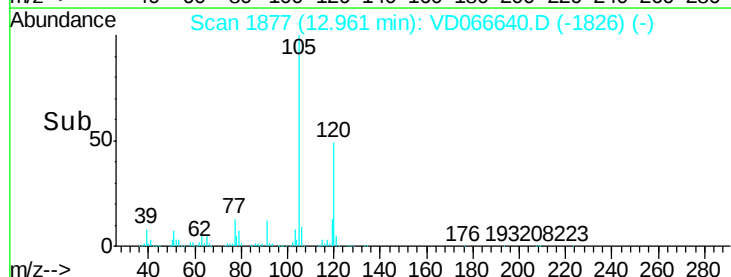
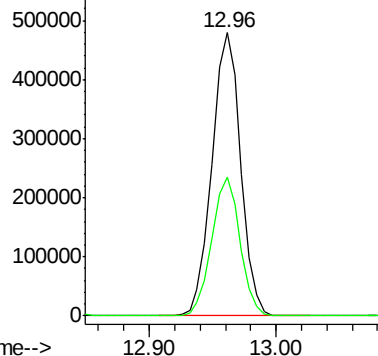
105 100

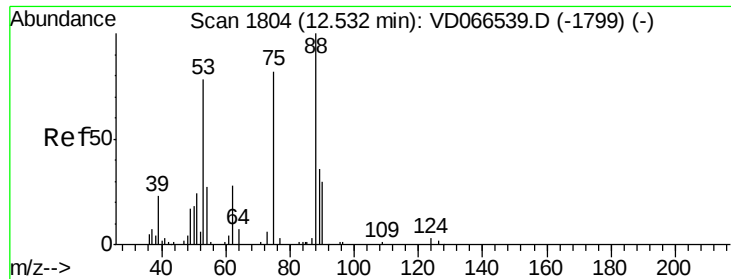
120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





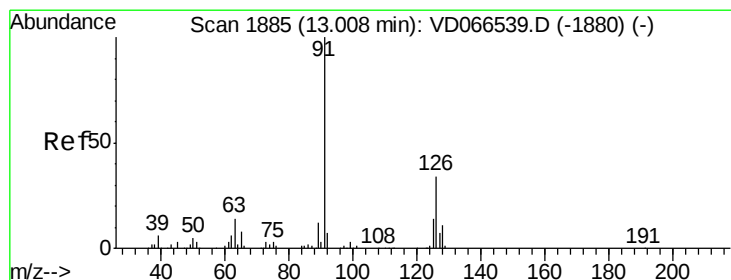
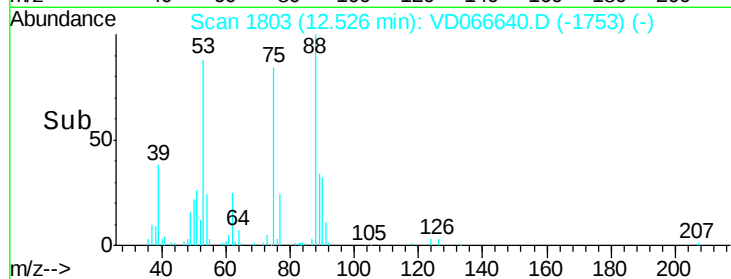
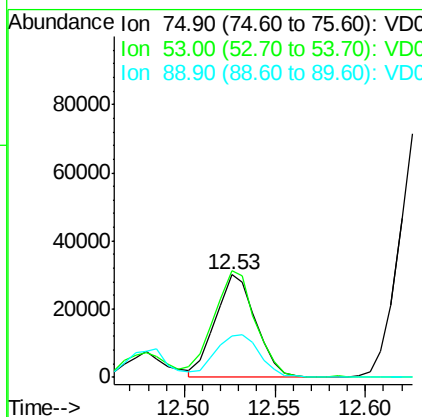
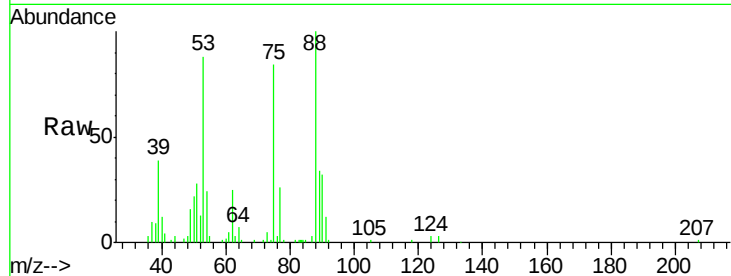
#81
trans-1,4-Dichloro-2-butene
Concen: 45.255 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.7	87.0	130.4
89	45.5	37.1	55.7

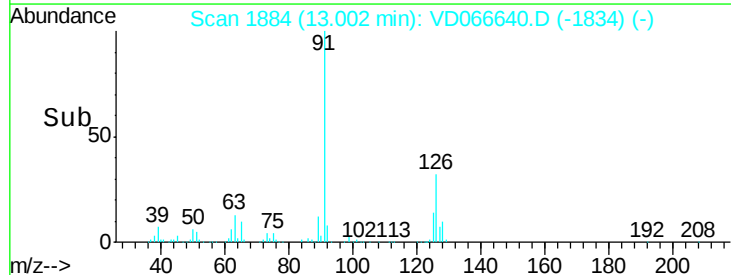
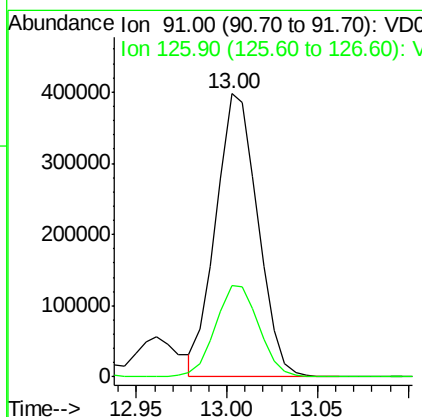
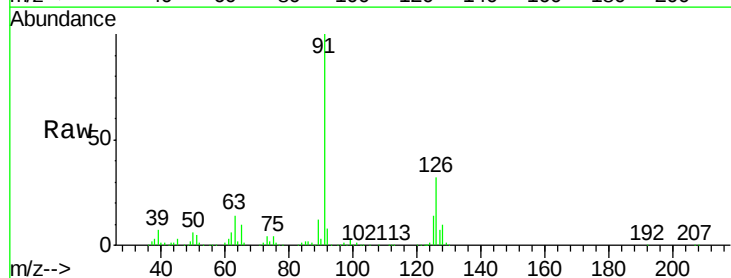
Manual Integrations
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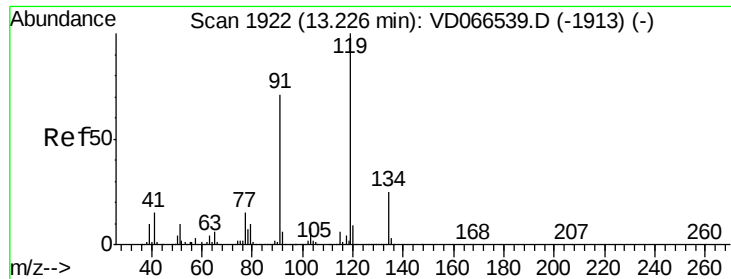
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#82
4-Chlorotoluene
Concen: 47.187 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.4	49.1





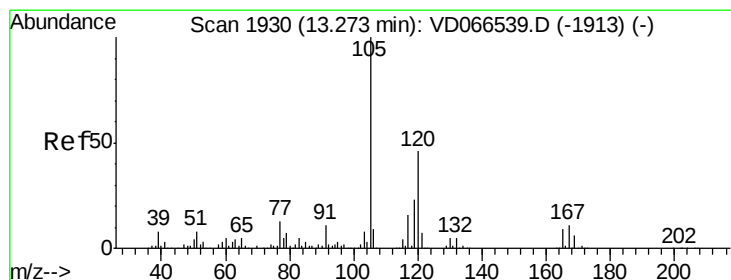
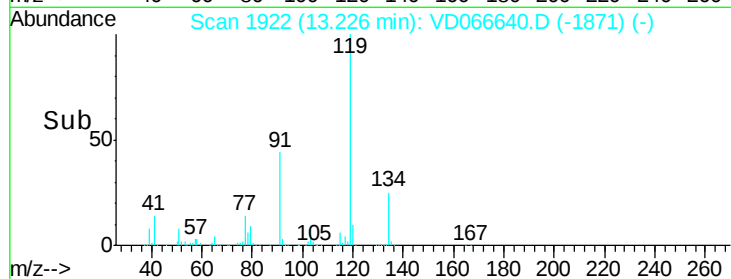
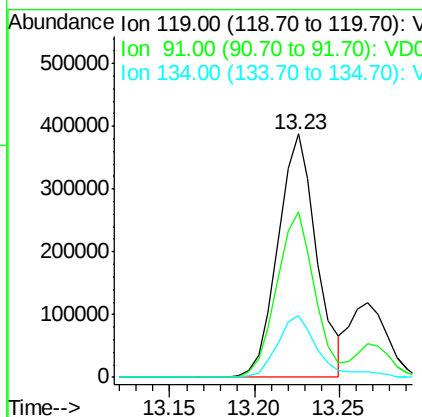
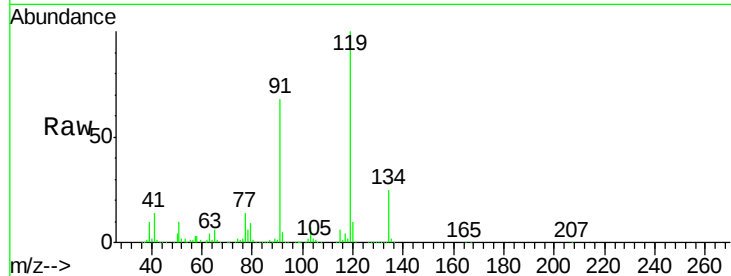
#83
 tert-Butylbenzene
 Concen: 47.969 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	35.2	105.6
134	26.9	13.5	40.5

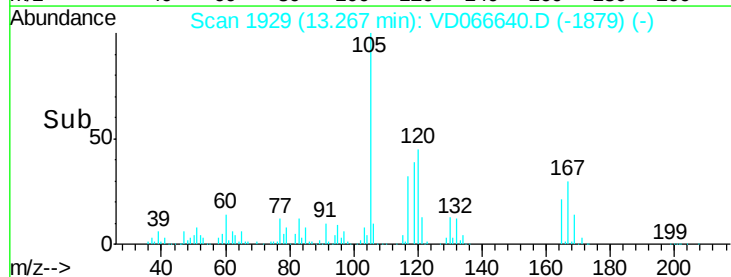
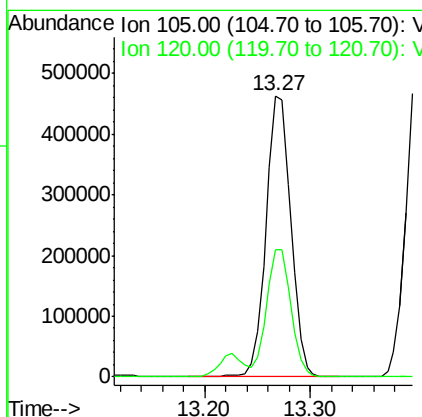
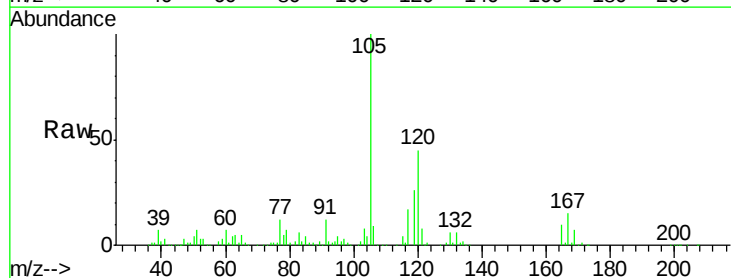
Manual Integrations
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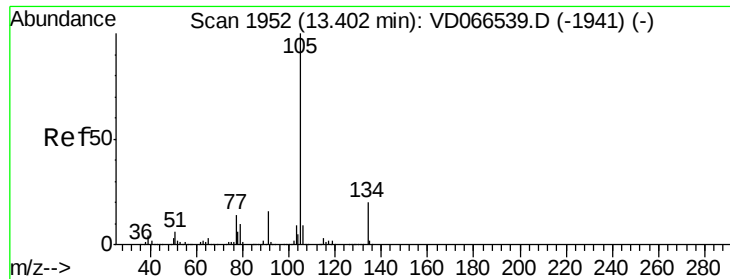
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 9/11/2020 10:18:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.273 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.6	67.7





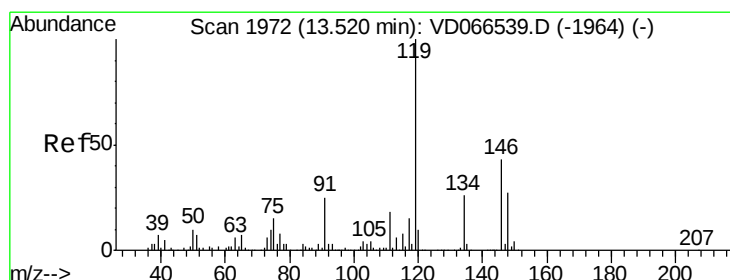
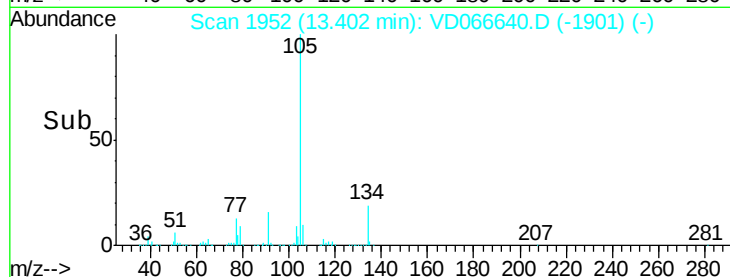
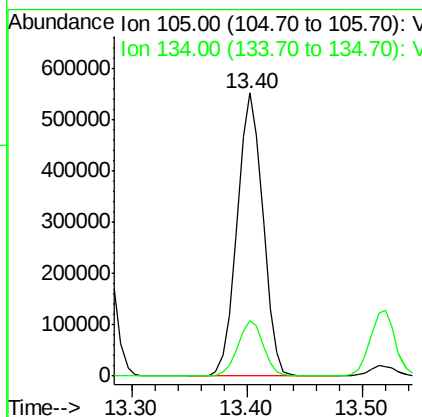
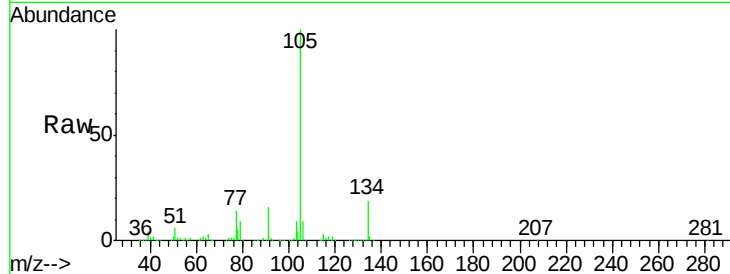
#85
 sec-Butylbenzene
 Concen: 46.050 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

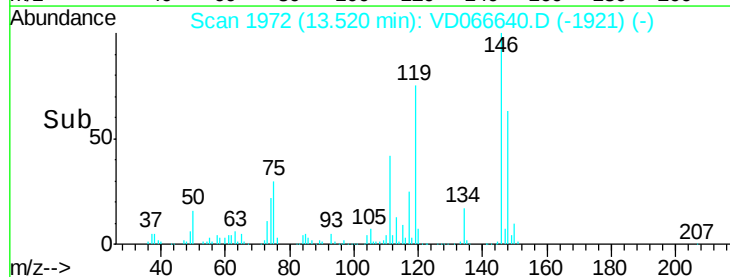
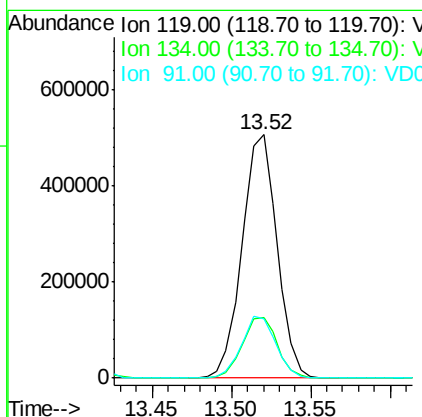
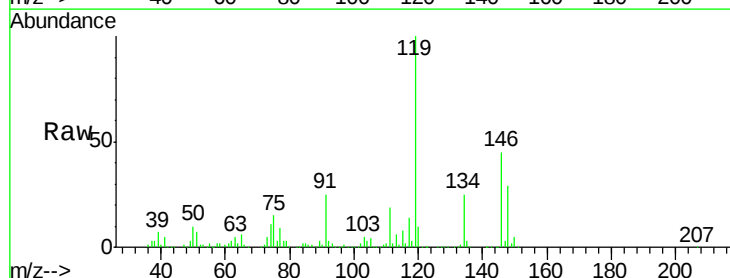
Manual Integrations
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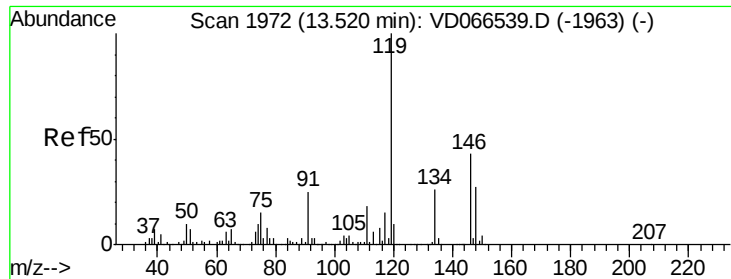
MMDadoda
 9/11/2020 10:18:05 AM



#86
 p-Isopropyltoluene
 Concen: 46.639 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.7	38.0
91	25.0	12.5	37.5





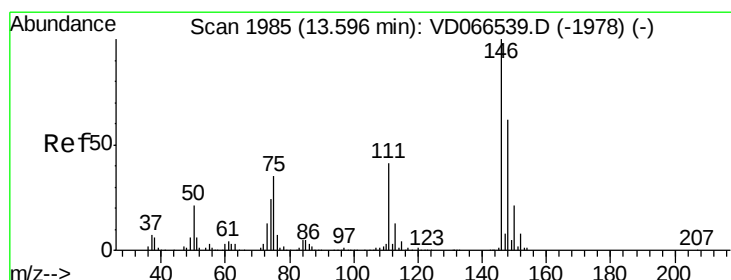
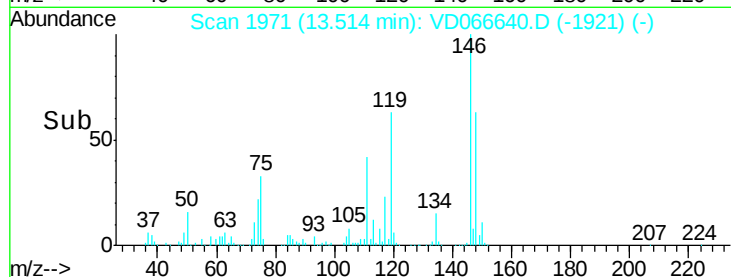
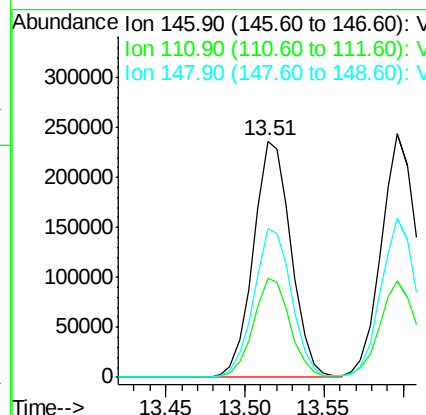
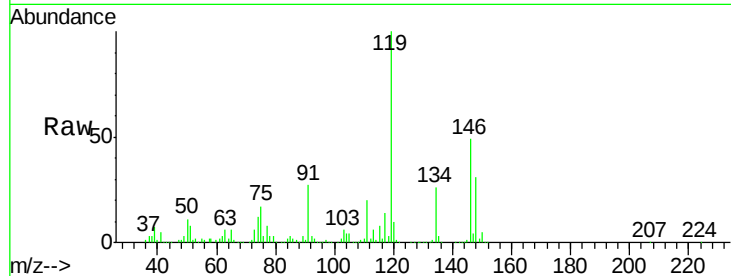
#87
 1,3-Dichlorobenzene
 Concen: 47.299 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.2	32.1	96.3

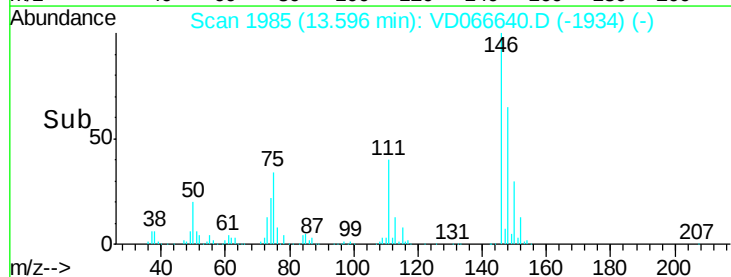
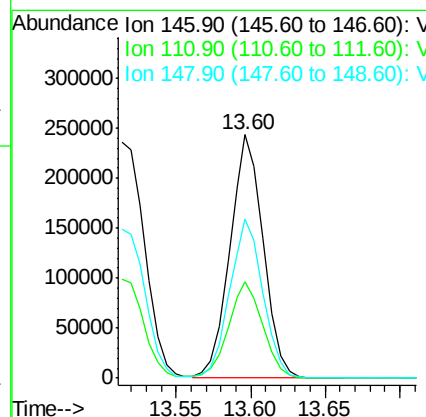
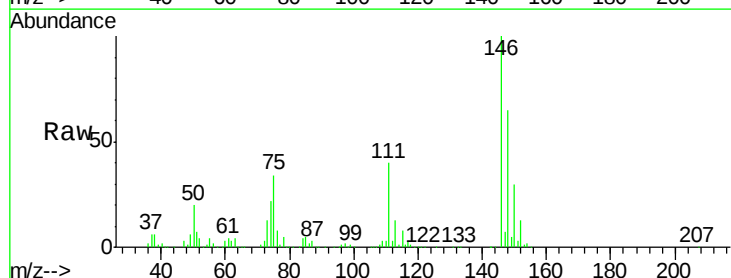
Manual Integrations
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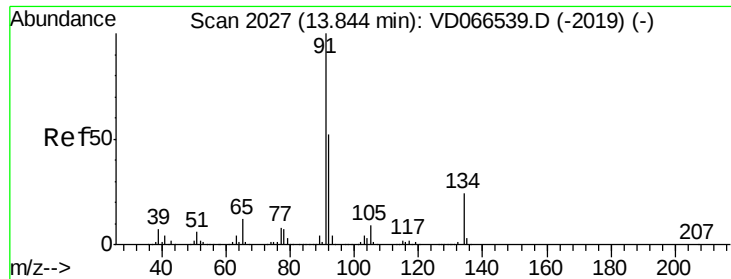
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 9/11/2020 10:18:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.638 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	65.5	31.6	94.8





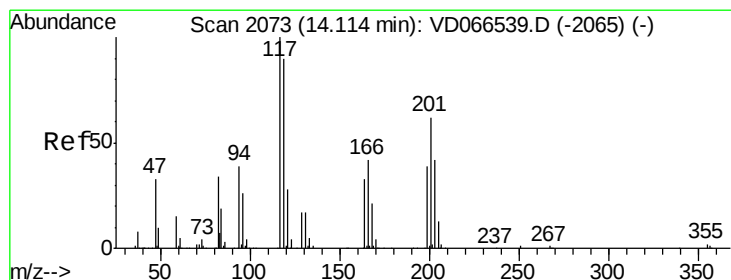
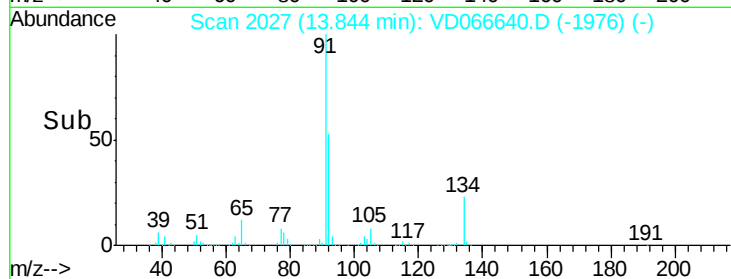
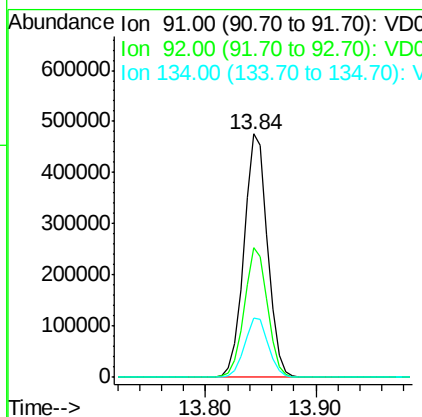
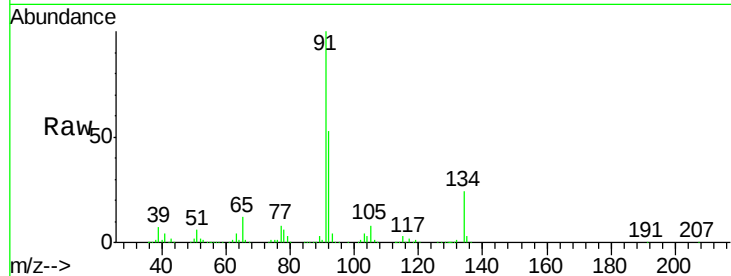
#89
n-Butylbenzene
Concen: 43.800 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	709651		
92	52.5		26.5	79.5
134	24.5		12.1	36.3

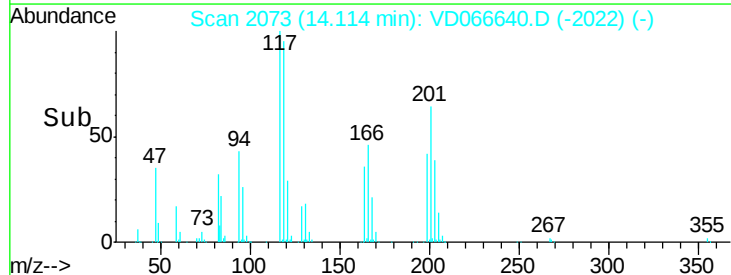
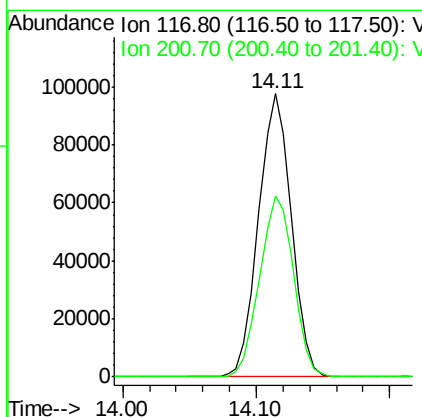
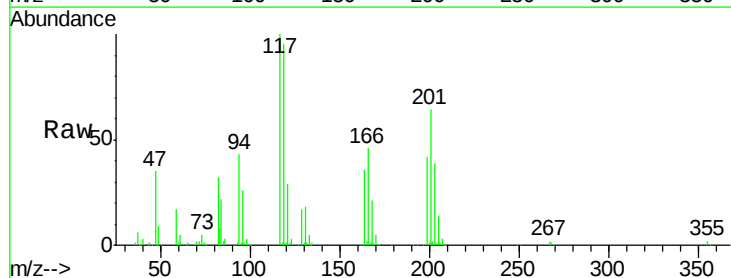
Manual Integrations
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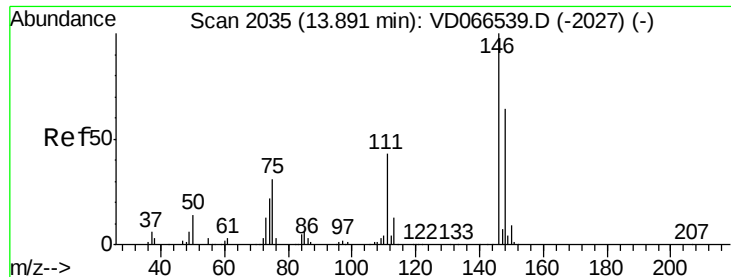
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#90
Hexachloroethane
Concen: 46.327 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	165966		
201	66.1		31.9	95.5





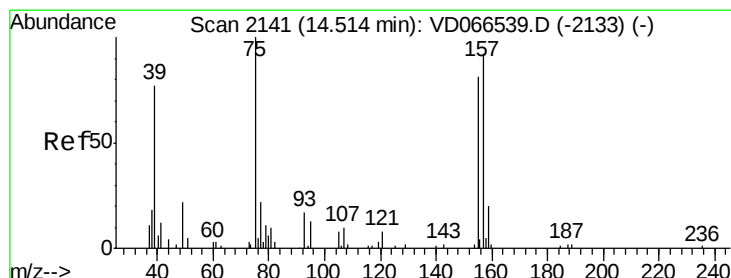
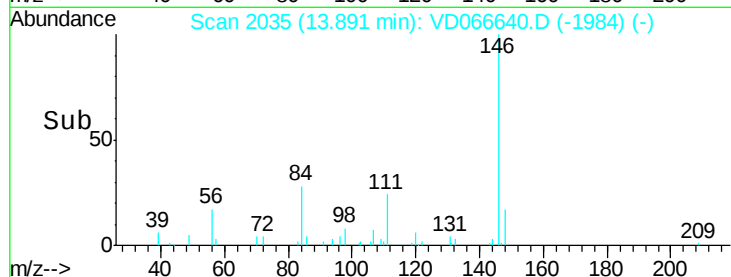
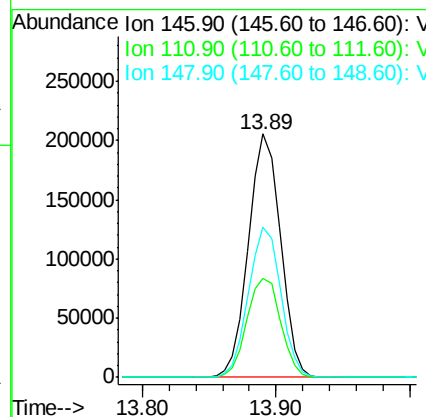
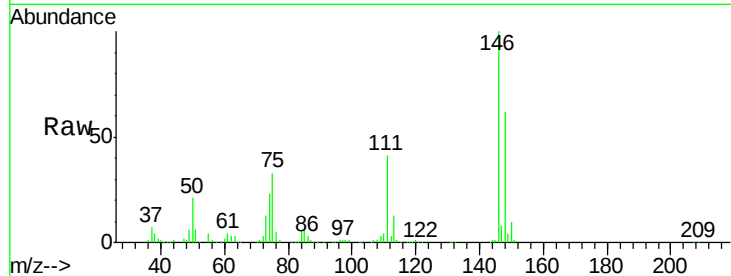
#91
 1,2-Dichlorobenzene
 Concen: 47.378 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	341918		
111	42.6	21.1	63.4	
148	62.3	31.8	95.3	

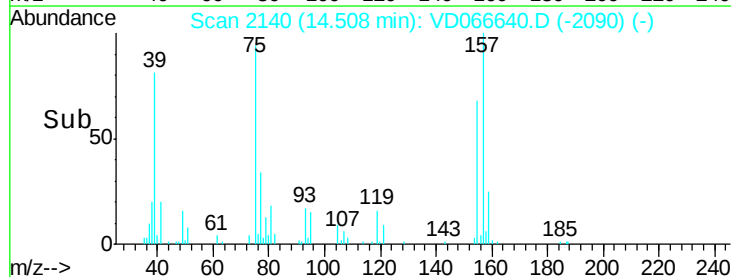
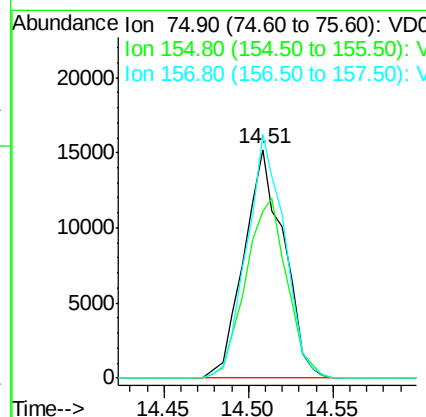
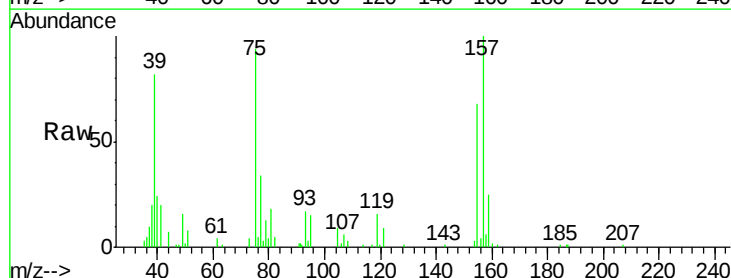
Manual Integrations
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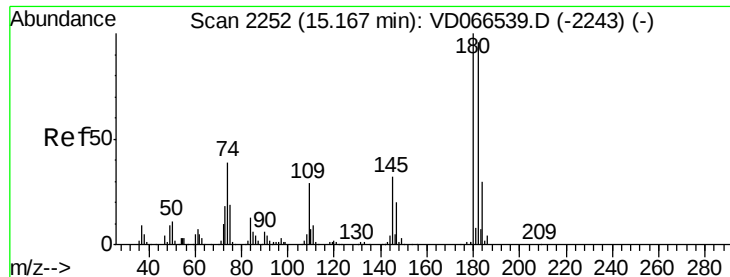
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 9/11/2020 10:18:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.424 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24870		
155	81.4	39.3	117.8	
157	101.2	46.0	137.8	





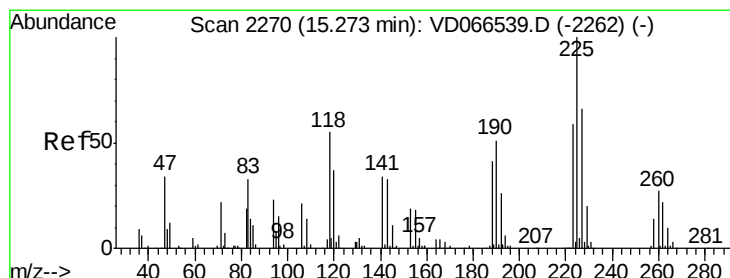
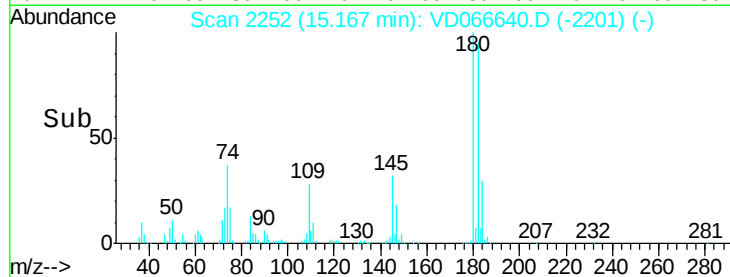
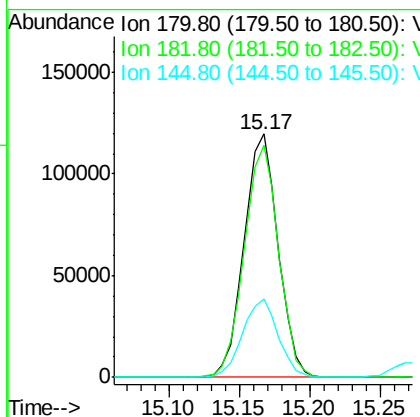
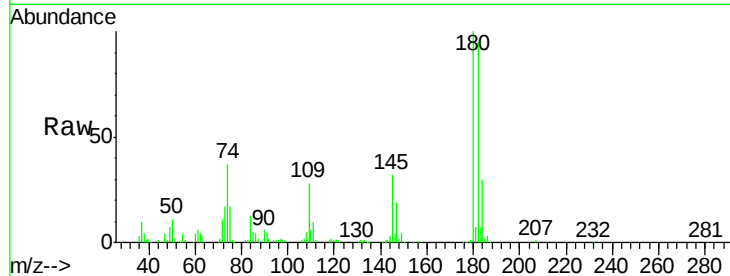
#93
 1,2,4-Trichlorobenzene
 Concen: 46.772 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	202576		
182	95.9	48.4	145.0	
145	33.2	16.7	50.0	

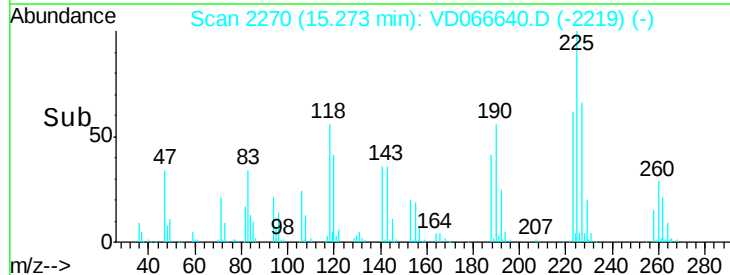
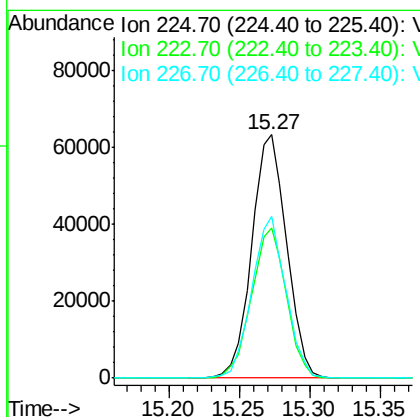
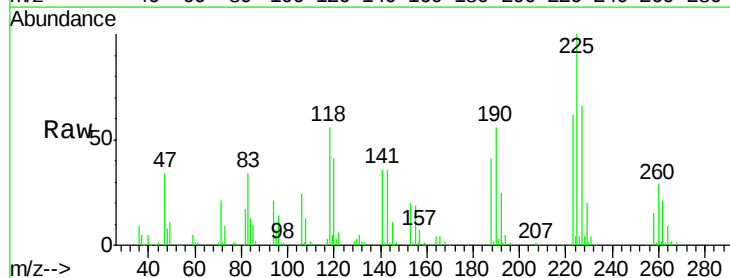
Manual Integrations
 APPROVED

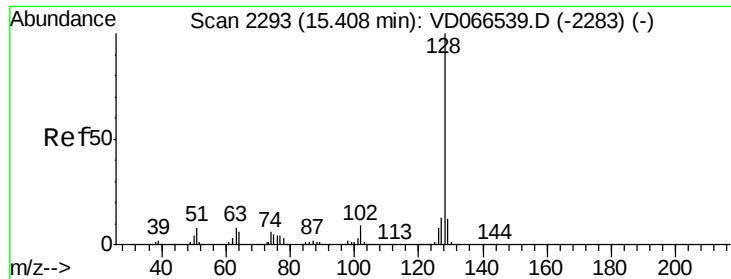
MMDadoda
 9/11/2020 10:18:05 AM



#94
 Hexachlorobutadiene
 Concen: 42.135 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066640.D
 Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109636		
223	61.6	30.5	91.5	
227	64.5	32.4	97.2	





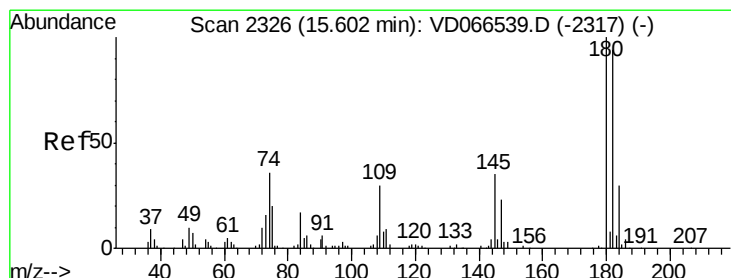
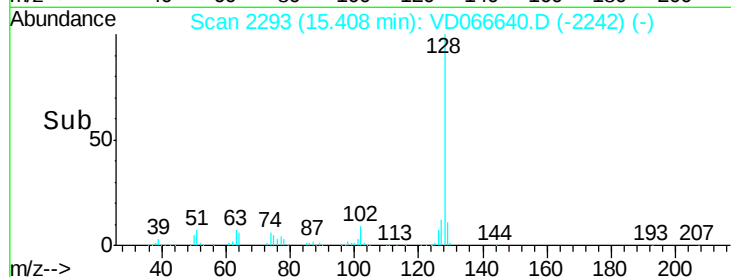
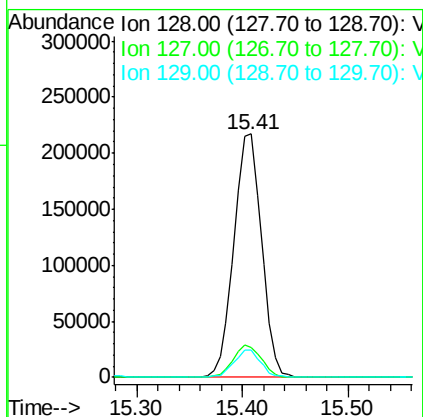
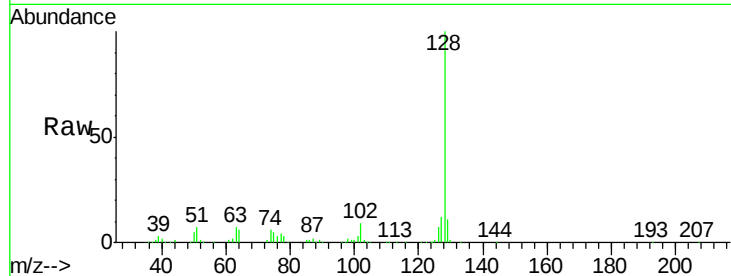
#95
Naphthalene
Concen: 52.014 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.0	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:18:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.020 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066640.D
Acq: 11 Sep 2020 04:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	33.9	17.3	51.7

