

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066072.D
 Acq On : 28 Jul 2020 11:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:05:53 PM

Quant Time: Jul 29 01:41:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	270084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	378853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119473	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	7.91	113	124810	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	467212	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.64	95	163465	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	92025	44.897	ug/l	98
3) Chloromethane	2.21	50	75659	45.232	ug/l	97
4) Vinyl Chloride	2.35	62	76900	48.278	ug/l	97
5) Bromomethane	2.77	94	53057	47.068	ug/l	93
6) Chloroethane	2.92	64	48964	51.494	ug/l	94
7) Trichlorofluoromethane	3.27	101	200101	51.647	ug/l	96
8) Diethyl Ether	3.70	74	53631	50.079	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114931	49.128	ug/l	95
10) Methyl Iodide	4.30	142	127952	53.414	ug/l	94
11) Tert butyl alcohol	5.21	59	39314	288.527	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	110376	49.428	ug/l	99
13) Acrolein	3.92	56	40887	220.824	ug/l	99
14) Allyl chloride	4.71	41	162169	46.457	ug/l	93
15) Acrylonitrile	5.42	53	113357	247.763	ug/l	98
16) Acetone	4.16	43	134025	301.292	ug/l	96
17) Carbon Disulfide	4.41	76	318417	43.959	ug/l	100
18) Methyl Acetate	4.71	43	47070	45.486	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	247937	54.039	ug/l	100
20) Methylene Chloride	4.96	84	121186	49.223	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	122069	48.367	ug/l	96
22) Diisopropyl ether	6.36	45	318545	48.034	ug/l	96
23) Vinyl Acetate	6.30	43	966112	258.313	ug/l	96
24) 1,1-Dichloroethane	6.26	63	199216	49.578	ug/l	98
25) 2-Butanone	7.21	43	151809	257.190	ug/l	100
26) 2,2-Dichloropropane	7.20	77	197515	54.662	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	134539	50.348	ug/l	99
28) Bromochloromethane	7.54	49	84932	49.800	ug/l	89
29) Tetrahydrofuran	7.56	42	89345	245.324	ug/l	93
30) Chloroform	7.71	83	215445	51.257	ug/l	96
31) Cyclohexane	7.98	56	178470	45.146	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	209855	53.976	ug/l	99
36) 1,1-Dichloropropene	8.11	75	168780	52.200	ug/l	98
37) Ethyl Acetate	7.29	43	64458	52.201	ug/l #	94
38) Carbon Tetrachloride	8.10	117	200509	57.153	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205602	52.509	ug/l	96
40) Benzene	8.35	78	467731	51.707	ug/l	95
41) Methacrylonitrile	7.52	41	36252	51.249	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	138782	55.989	ug/l	100
43) Isopropyl Acetate	8.45	43	129492	53.692	ug/l	99
44) Trichloroethene	9.11	130	144543	52.804	ug/l	95
45) 1,2-Dichloropropane	9.39	63	110328	50.359	ug/l	97
46) Dibromomethane	9.48	93	62912	53.343	ug/l	95
47) Bromodichloromethane	9.66	83	167013	53.557	ug/l	99
48) Methyl methacrylate	9.46	41	62056	51.010	ug/l	89
49) 1,4-Dioxane	9.46	88	14774	1081.256	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	328140	270.035	ug/l	99
52) Toluene	10.40	92	314645	53.338	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	165997	57.137	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	188091	53.409	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	89249	53.358	ug/l	94
56) Ethyl methacrylate	10.66	69	110060	56.594	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	147366	53.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	235886	253.914	ug/l	97
59) 2-Hexanone	10.99	43	242915	288.462	ug/l	98
60) Dibromochloromethane	11.14	129	124396	55.158	ug/l	99
61) 1,2-Dibromoethane	11.25	107	87935	54.525	ug/l	97
64) Tetrachloroethene	10.88	164	128775	54.061	ug/l	96
65) Chlorobenzene	11.67	112	343896	53.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	133542	56.284	ug/l	99
67) Ethyl Benzene	11.75	91	609183	55.089	ug/l	100
68) m/p-Xylenes	11.86	106	472697	111.215	ug/l	99
69) o-Xylene	12.18	106	218600	56.547	ug/l	100
70) Styrene	12.20	104	375063	56.468	ug/l	99
71) Bromoform	12.37	173	79369	57.108	ug/l #	97
73) Isopropylbenzene	12.48	105	615230	52.844	ug/l	100
74) N-amyl acetate	12.30	43	120997	50.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	99069	51.490	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	75279m	51.963	ug/l	
77) Bromobenzene	12.77	156	153223	51.497	ug/l	95
78) n-propylbenzene	12.83	91	715212	52.940	ug/l	100
79) 2-Chlorotoluene	12.91	91	392209	50.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	510489	53.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	33667	53.327	ug/l	98
82) 4-Chlorotoluene	13.01	91	418054	51.316	ug/l	100
83) tert-Butylbenzene	13.23	119	452880	54.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	512592	54.319	ug/l	98
85) sec-Butylbenzene	13.41	105	617457	53.558	ug/l	98
86) p-Isopropyltoluene	13.53	119	584351	55.791	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	292775	53.000	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	285148	51.061	ug/l	99
89) n-Butylbenzene	13.85	91	526351	54.046	ug/l	99
90) Hexachloroethane	14.12	117	111099	51.239	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	252169	52.680	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16798	53.271	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	194381	56.573	ug/l	99
94) Hexachlorobutadiene	15.28	225	118497	55.784	ug/l	98
95) Naphthalene	15.41	128	321703	52.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	168178	56.303	ug/l	99

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

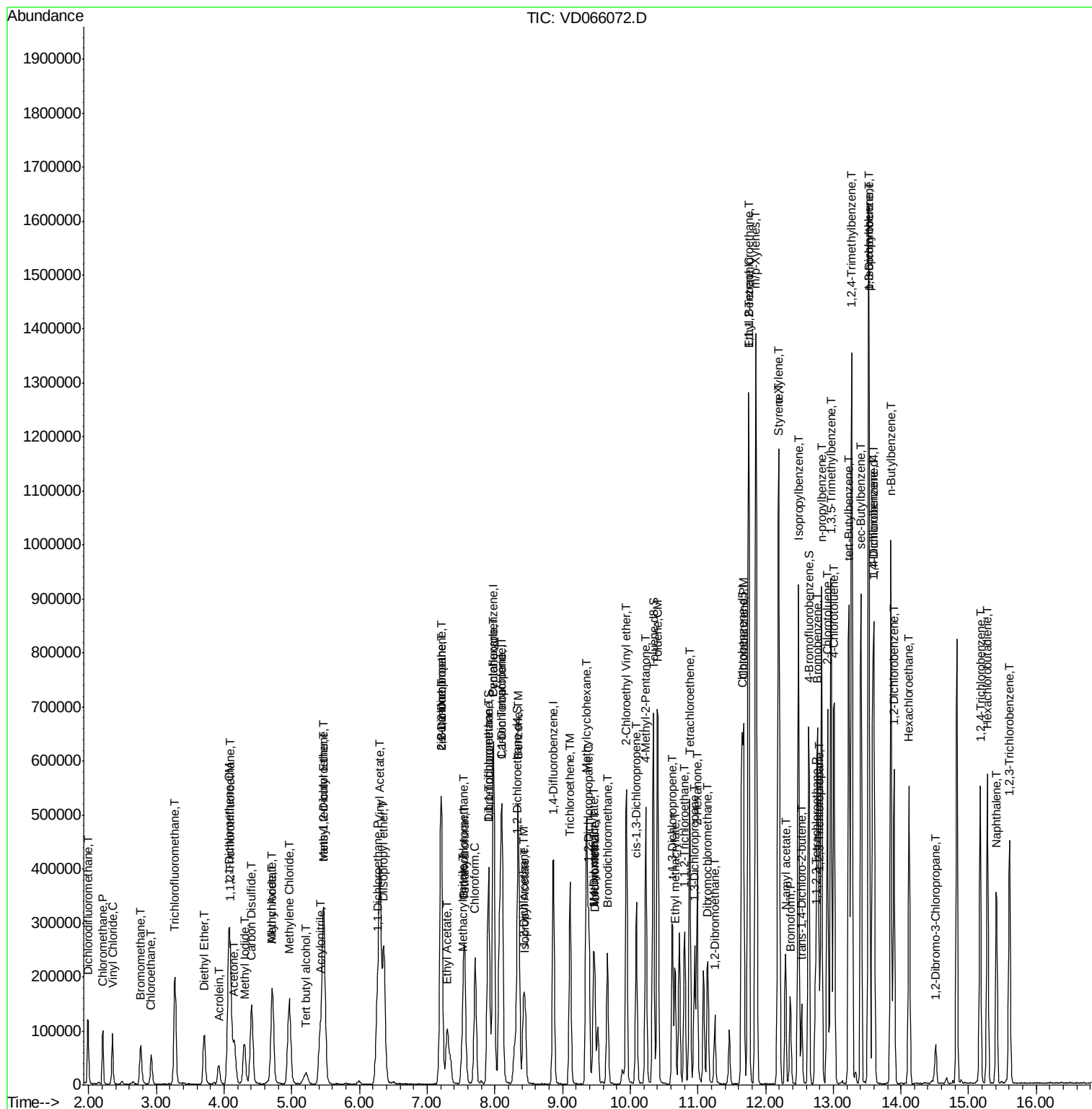
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
Data File : VD066072.D
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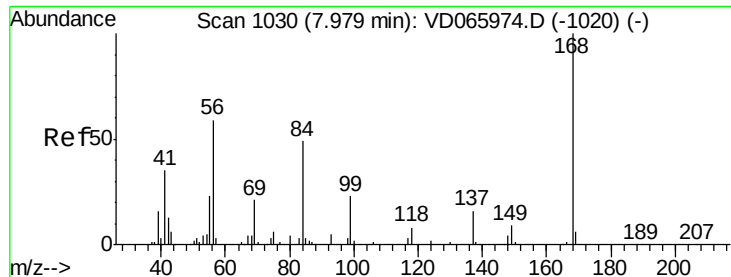
Instrument :
MSVOA_D
Client Sampled :
VSTDCCC050

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 270084

Ion Ratio Lower Upper

168 100

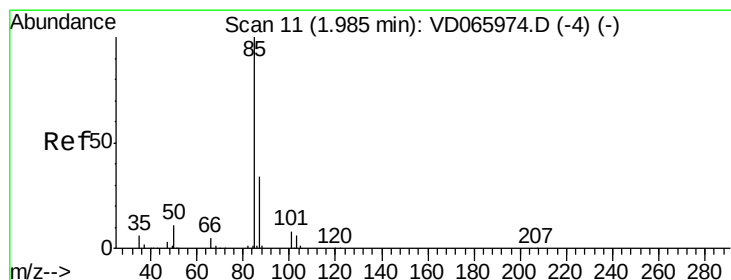
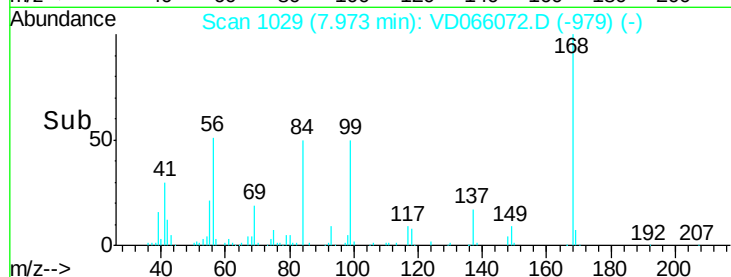
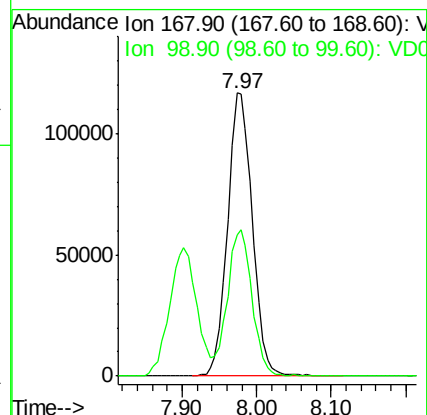
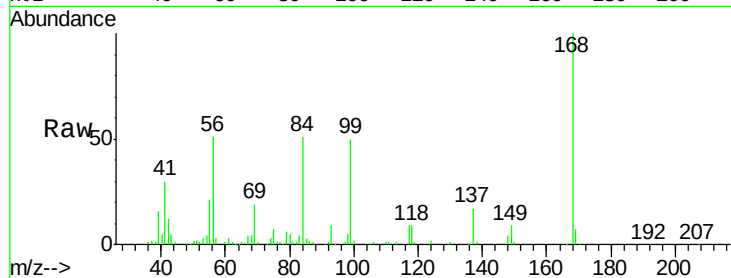
99 49.7 40.8 61.2

Manual Integrations

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7/29/2020 7:05:53 PM



#2

Dichlorodifluoromethane

Concen: 44.897 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066072.D

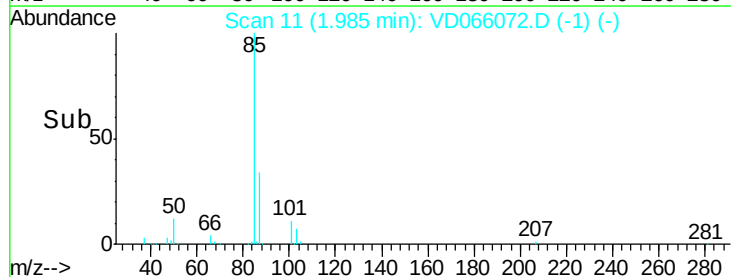
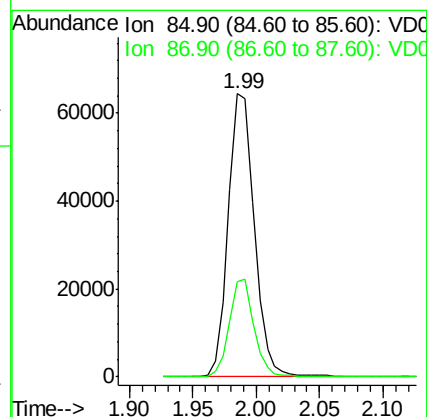
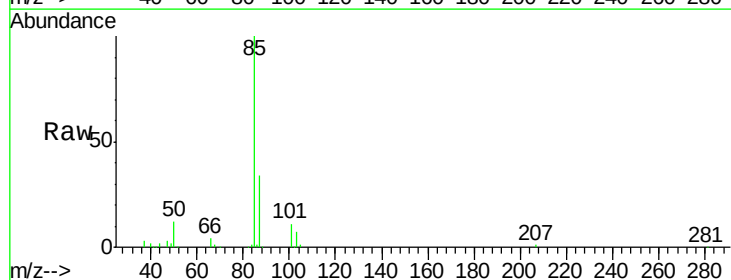
Acq: 28 Jul 2020 11:11

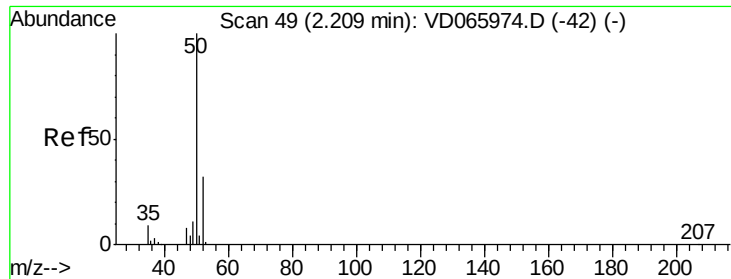
Tgt Ion: 85 Resp: 92025

Ion Ratio Lower Upper

85 100

87 33.6 17.3 51.7





#3

Chloromethane

Concen: 45.232 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 75659

Ion Ratio Lower Upper

50 100

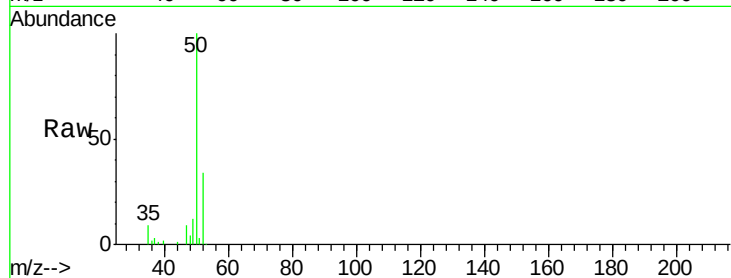
52 34.2 25.8 38.8

Manual Integrations

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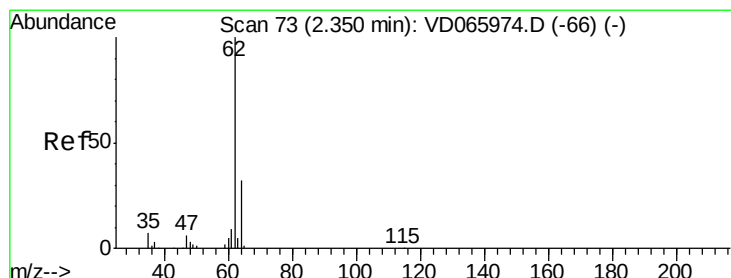
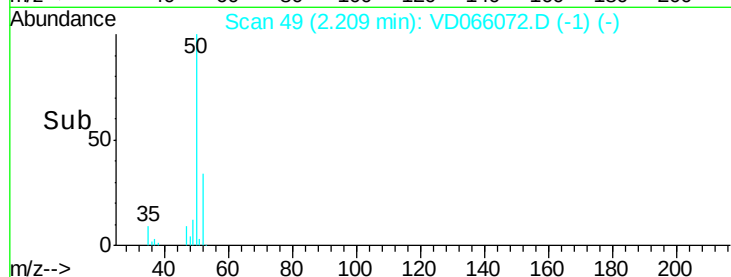
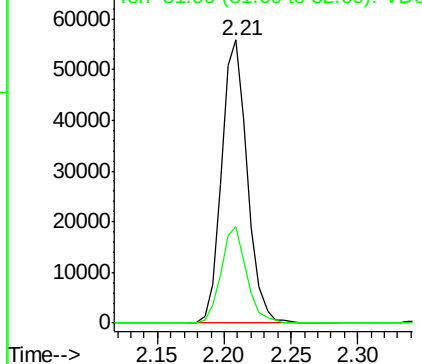
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.278 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066072.D

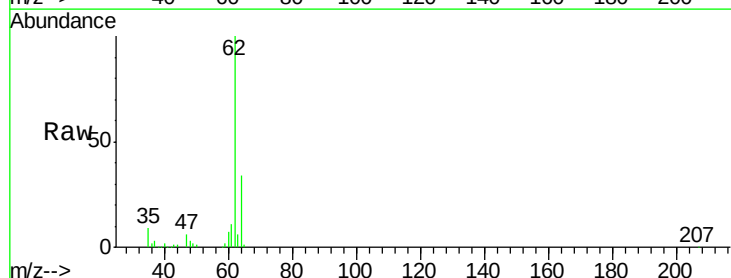
Acq: 28 Jul 2020 11:11

Tgt Ion: 62 Resp: 76900

Ion Ratio Lower Upper

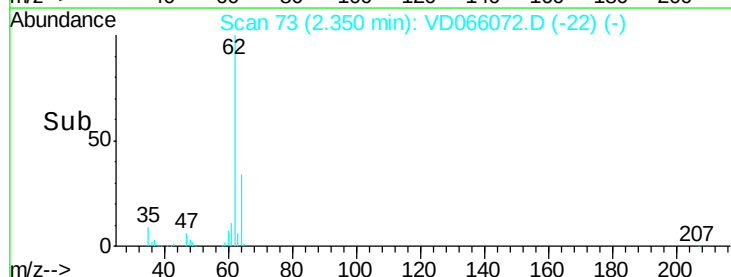
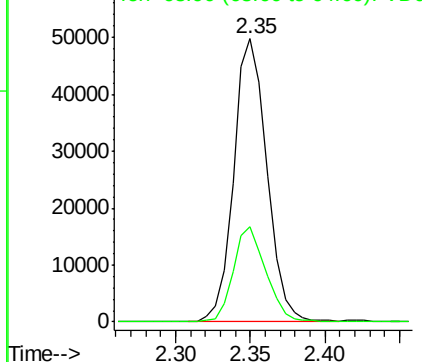
62 100

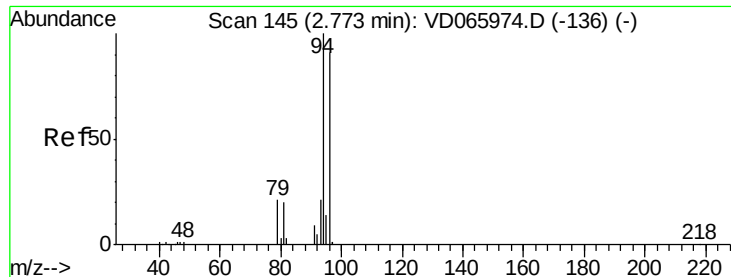
64 33.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.068 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

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Tgt Ion: 94 Resp: 53057

Ion Ratio Lower Upper

94 100

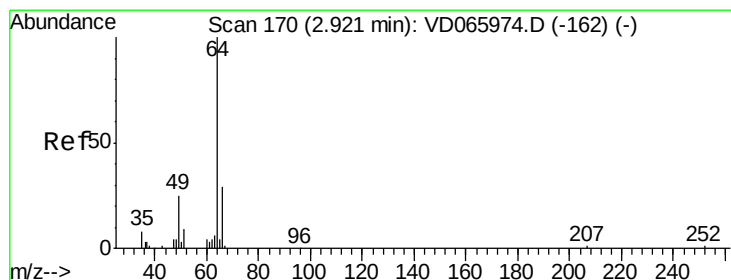
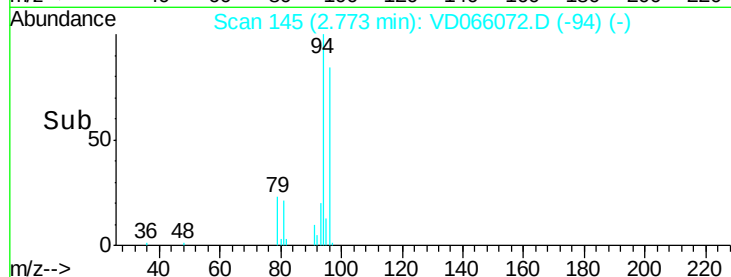
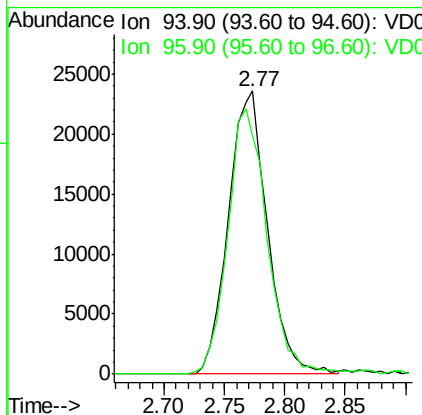
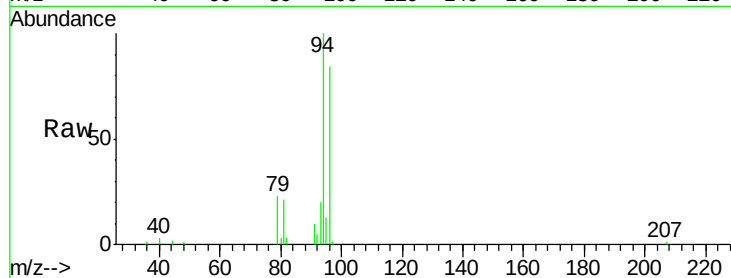
96 84.3 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 51.494 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066072.D

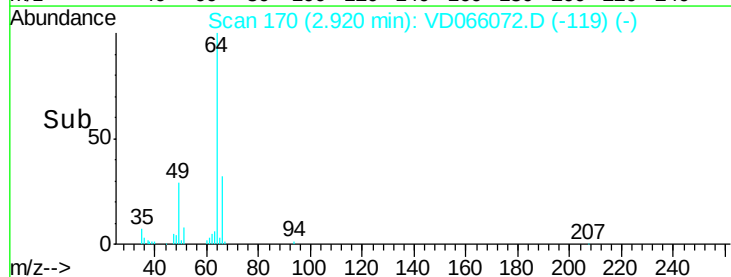
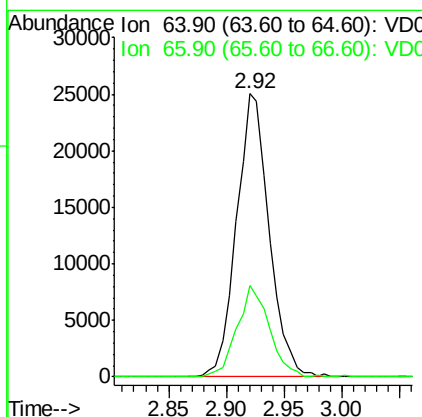
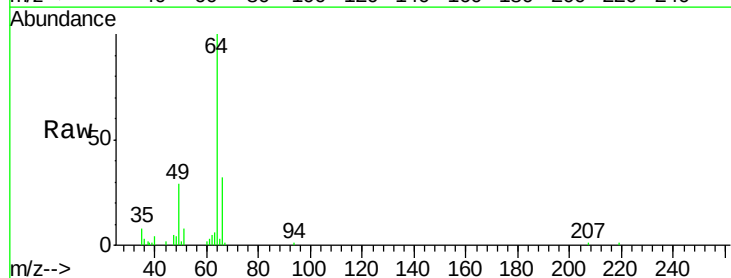
Acq: 28 Jul 2020 11:11

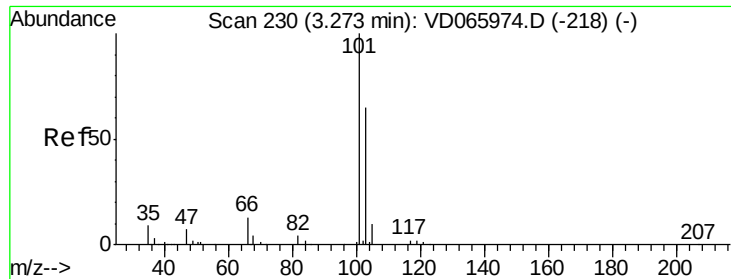
Tgt Ion: 64 Resp: 48964

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.0





#7

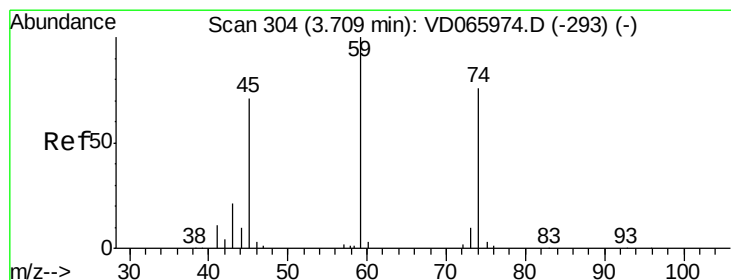
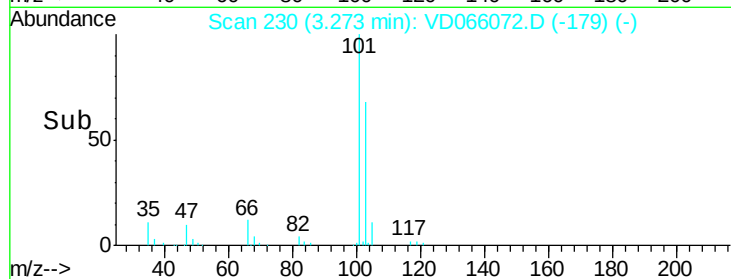
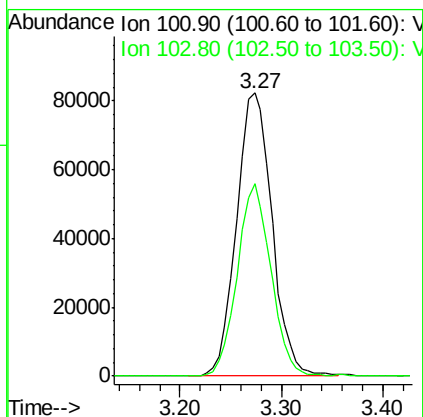
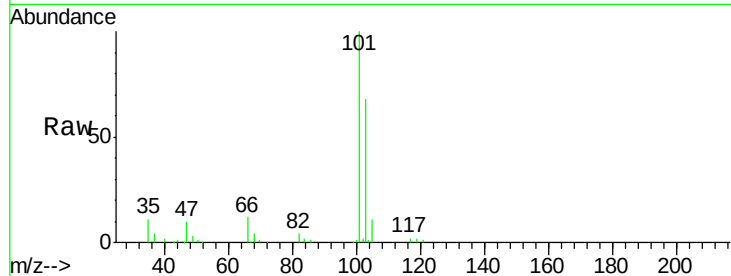
Trichlorofluoromethane
Concen: 51.647 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066072.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.1	78.1

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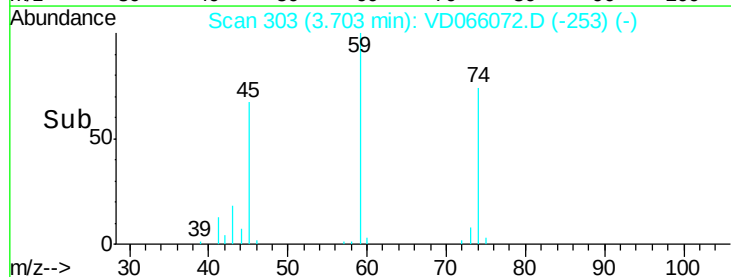
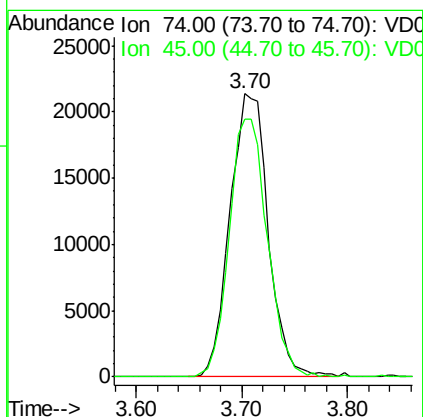
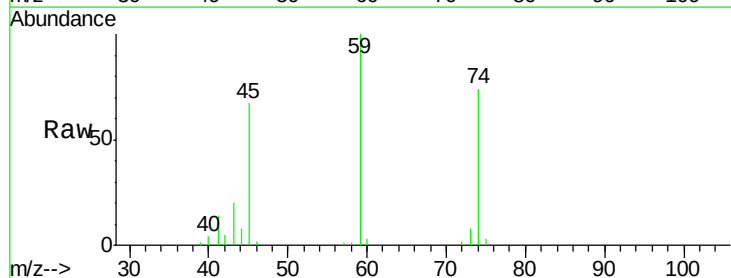
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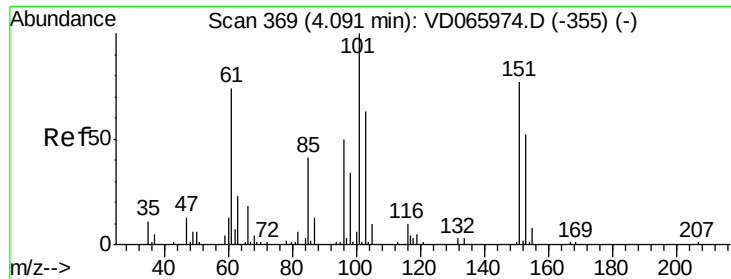


#8

Diethyl Ether
Concen: 50.079 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066072.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.128 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

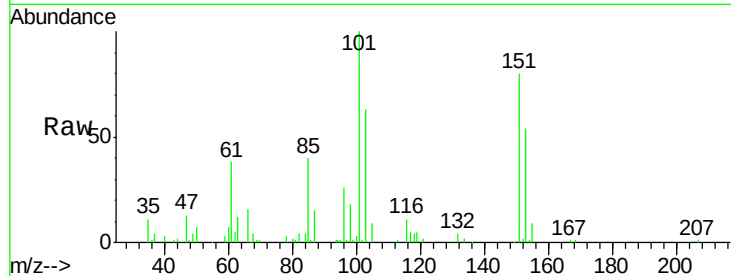
ClientSampleId :

VSTDCCC050

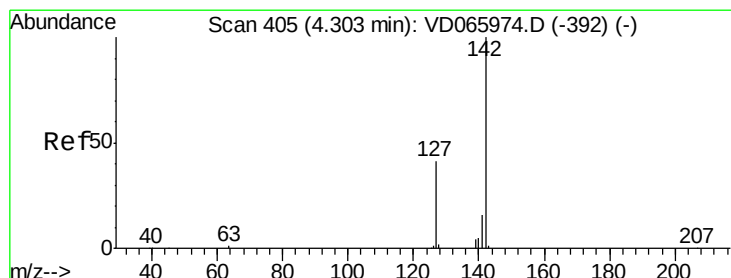
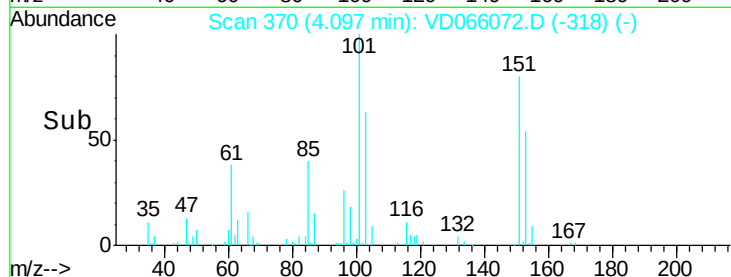
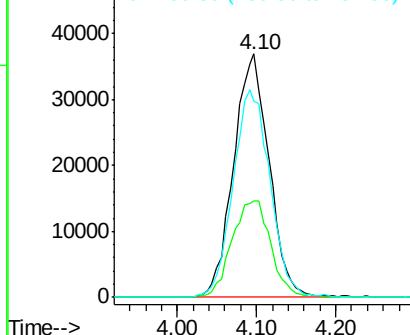
Tgt Ion:	101	Resp:	114931
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.6	50.4
151	88.5	66.6	99.8

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



#10

Methyl Iodide

Concen: 53.414 ug/l

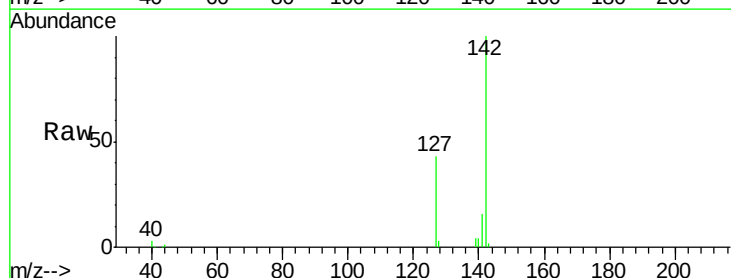
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

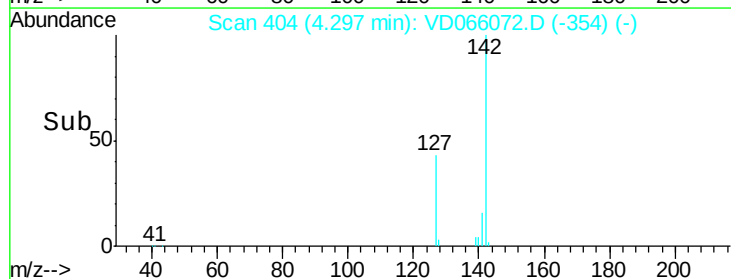
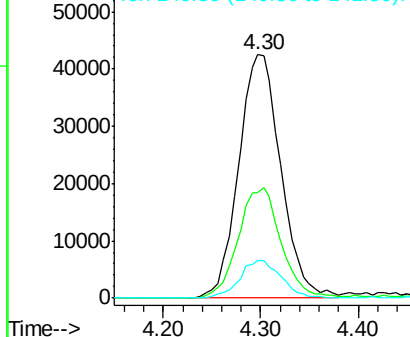
Lab File: VD066072.D

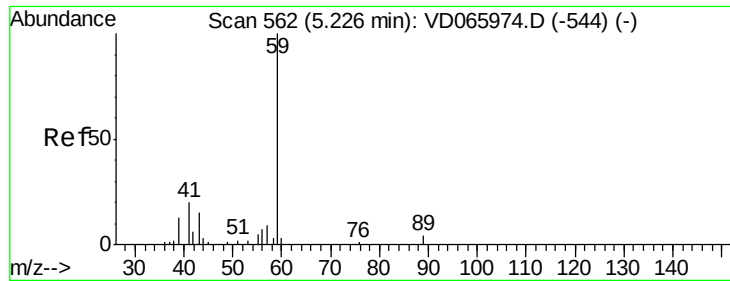
Acq: 28 Jul 2020 11:11

Tgt Ion:	142	Resp:	127952
Ion Ratio	Lower	Upper	
142	100		
127	45.8	32.9	49.3
141	15.2	11.8	17.6



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





#11

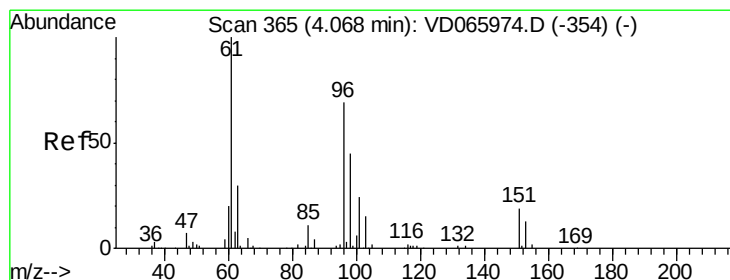
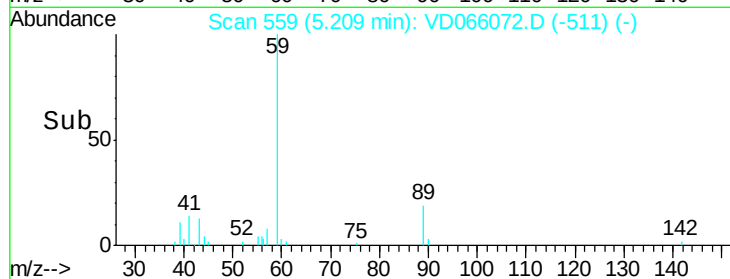
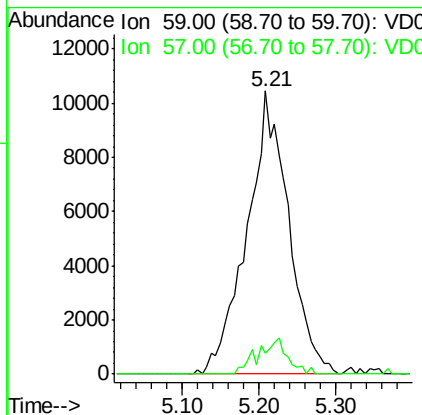
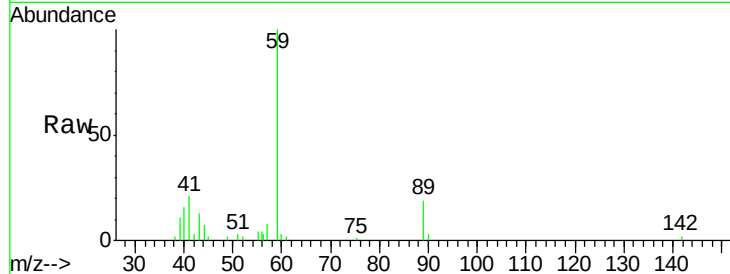
Tert butyl alcohol
 Concen: 288.527 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 59 Resp: 39314
 Ion Ratio Lower Upper
 59 100
 57 7.1 4.5 6.7#

Manual Integrations
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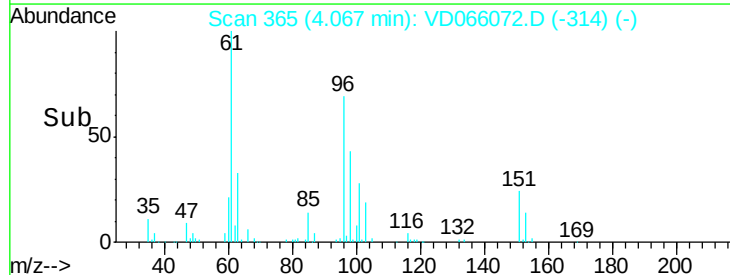
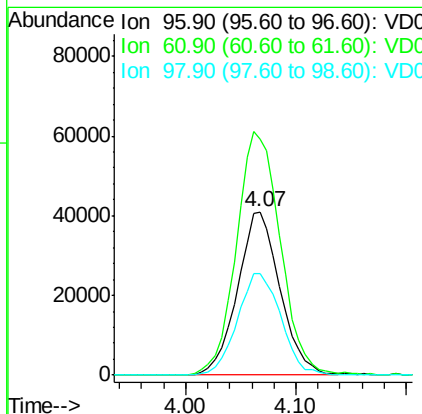
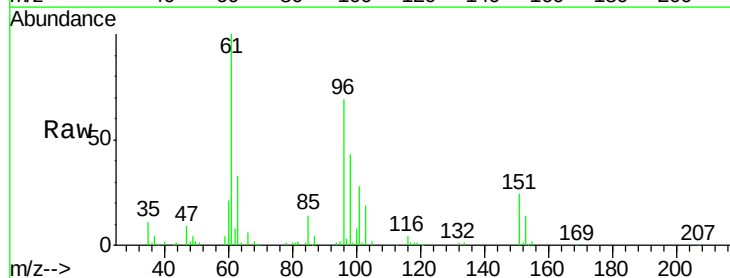
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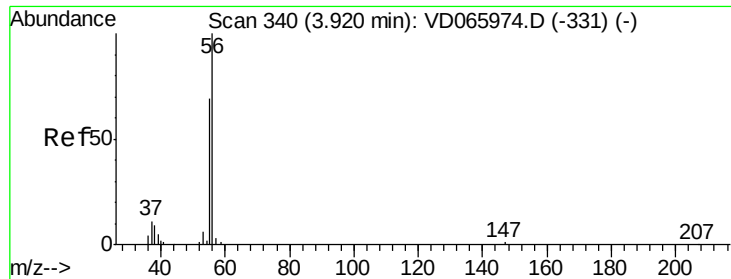


#12

1,1-Dichloroethene
 Concen: 49.428 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 96 Resp: 110376
 Ion Ratio Lower Upper
 96 100
 61 144.3 115.4 173.0
 98 62.3 51.5 77.3





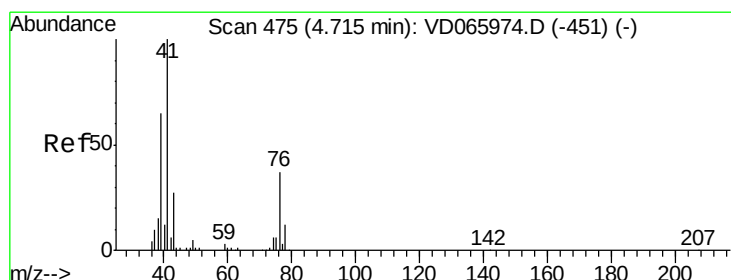
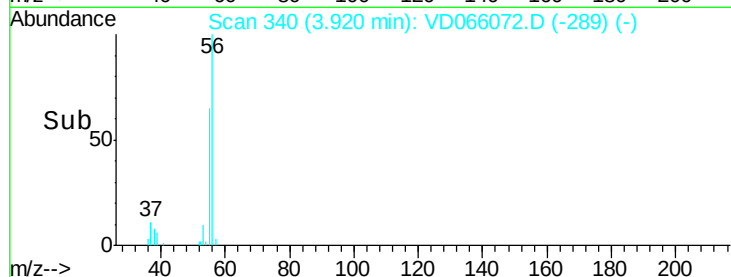
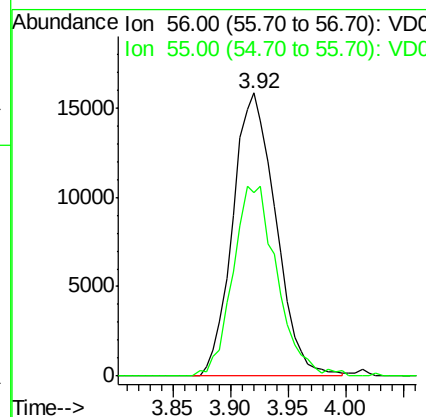
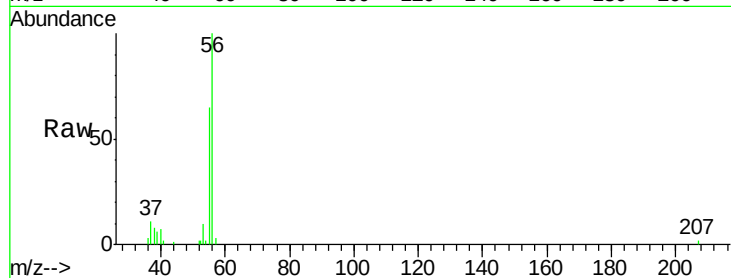
#13
Acrolein
Concen: 220.824 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	68.9	55.8	83.8

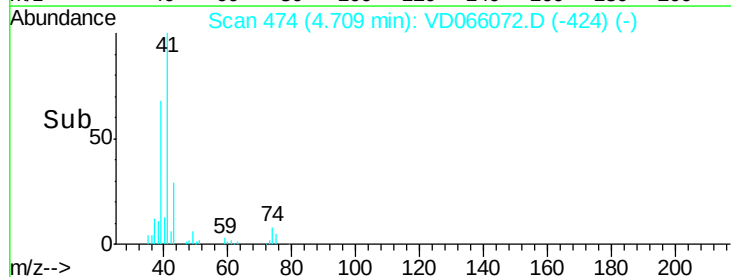
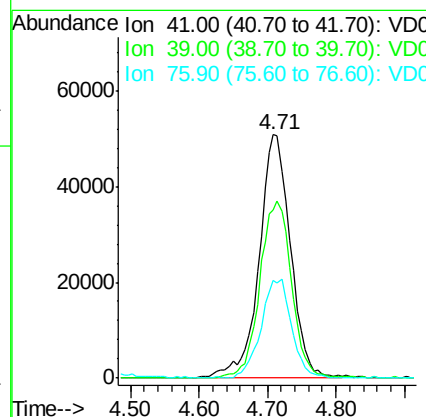
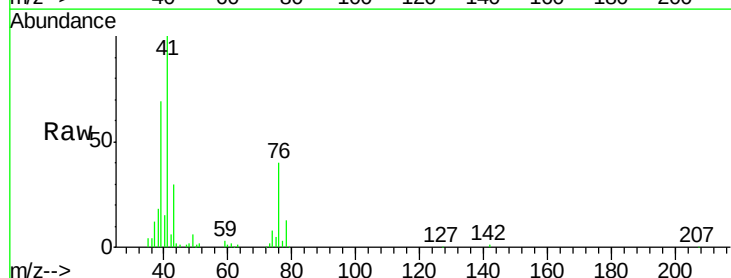
Manual Integrations
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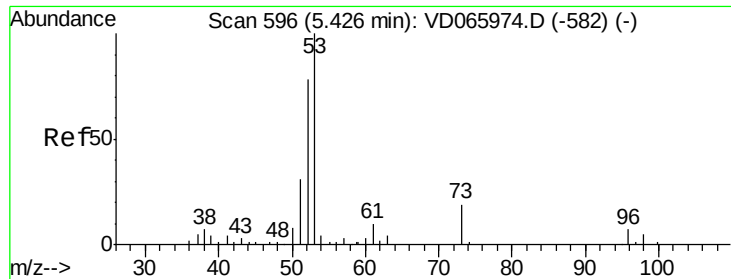
MMDadoda
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#14
Allyl chloride
Concen: 46.457 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.4	53.4	80.2
76	39.5	29.1	43.7





#15

Acrylonitrile

Concen: 247.763 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

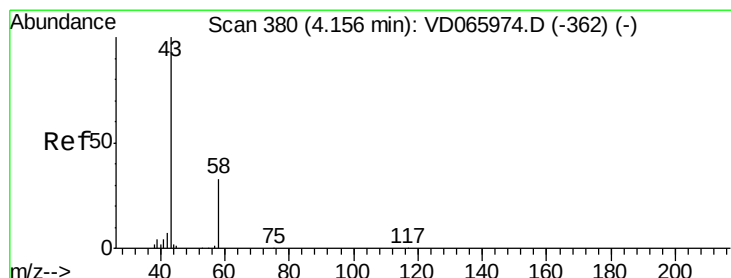
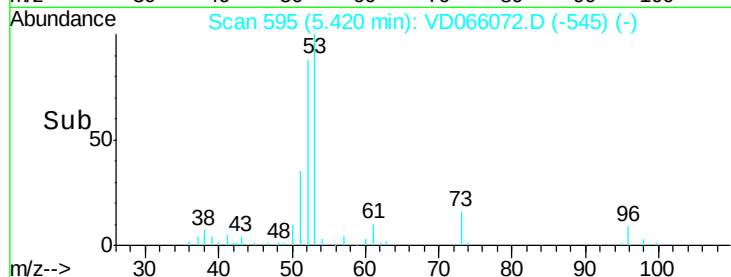
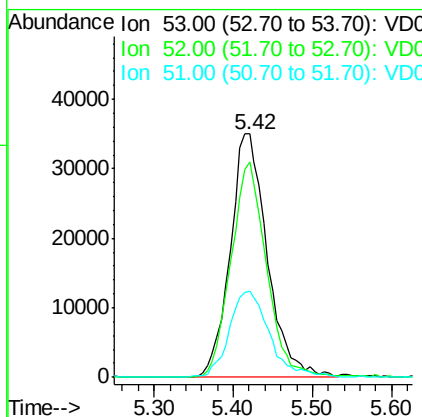
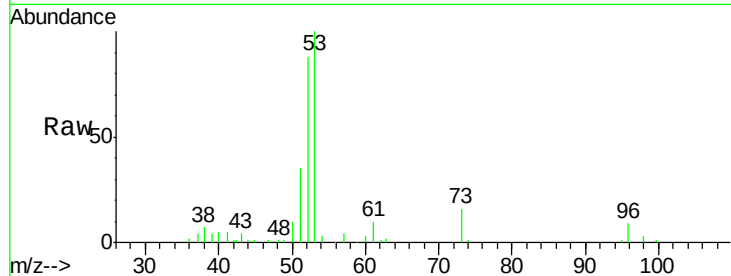
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	113357
Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.1	100.7
51	38.4	28.7	43.1

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#16

Acetone

Concen: 301.292 ug/l

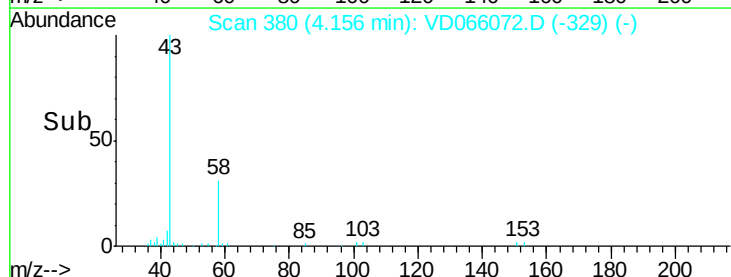
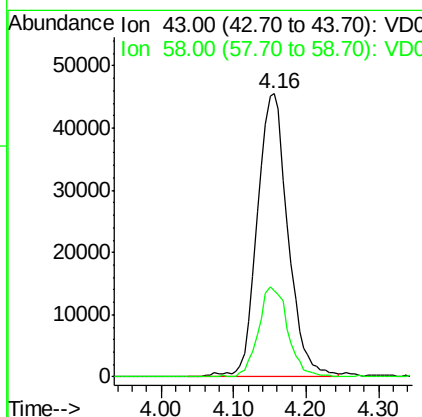
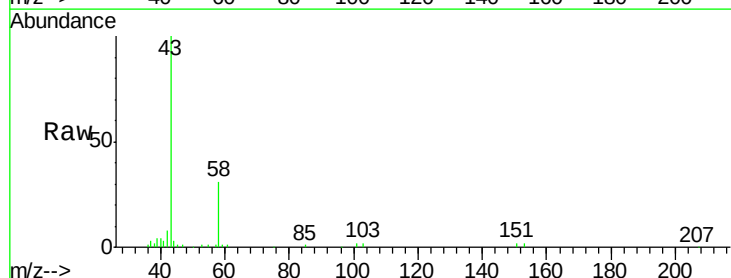
RT: 4.16 min Scan# 380

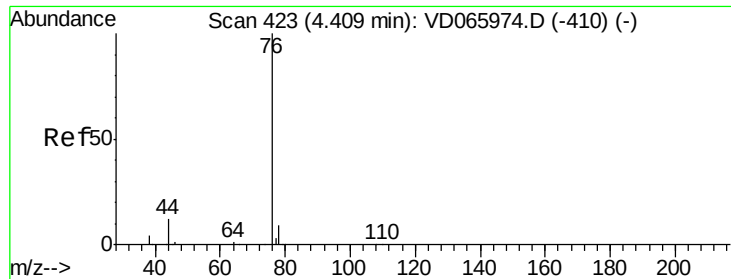
Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion:	43	Resp:	134025
Ion	Ratio	Lower	Upper
43	100		
58	30.7	26.3	39.5





#17

Carbon Disulfide

Concen: 43.959 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 318417

Ion Ratio Lower Upper

76 100

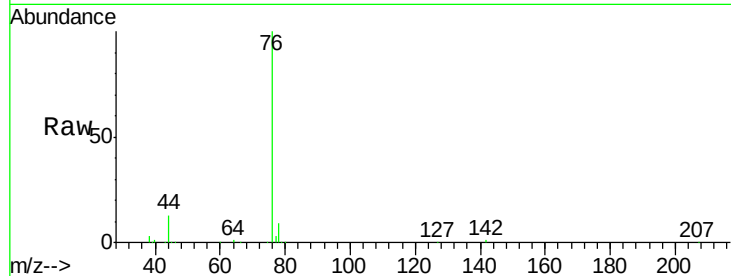
78 9.2 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

120000

100000

80000

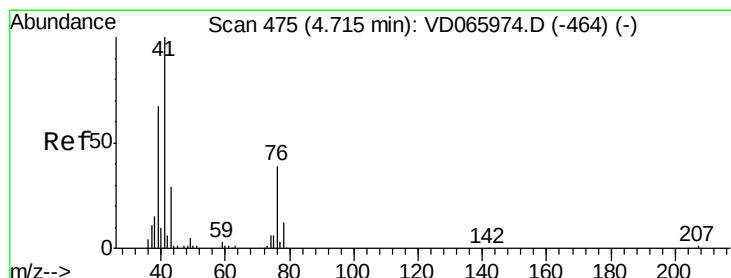
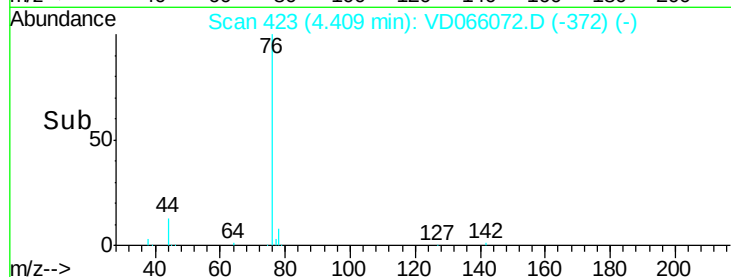
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 45.486 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066072.D

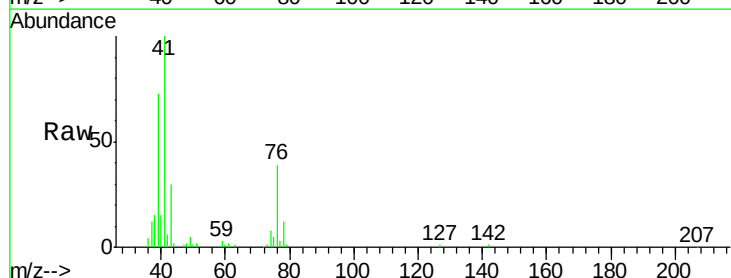
Acq: 28 Jul 2020 11:11

Tgt Ion: 43 Resp: 47070

Ion Ratio Lower Upper

43 100

74 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

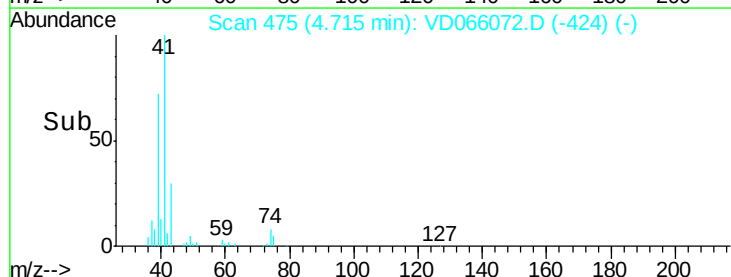
15000

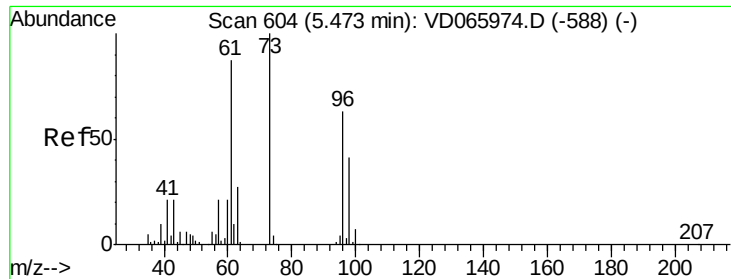
10000

5000

0

Time-->





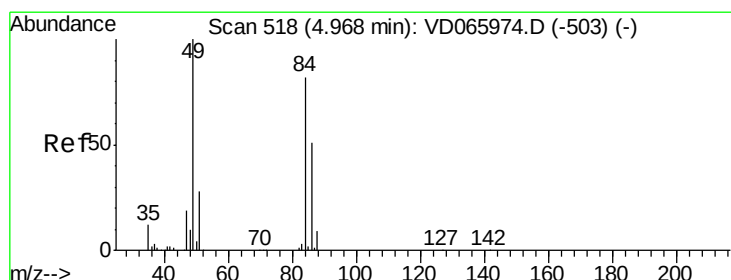
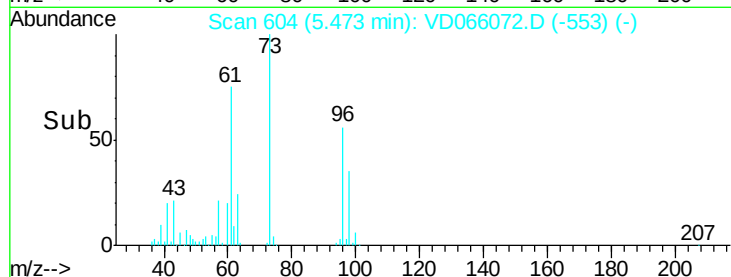
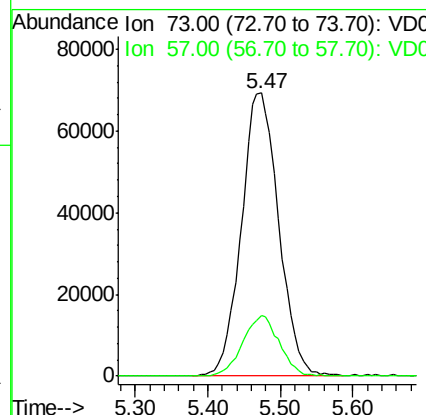
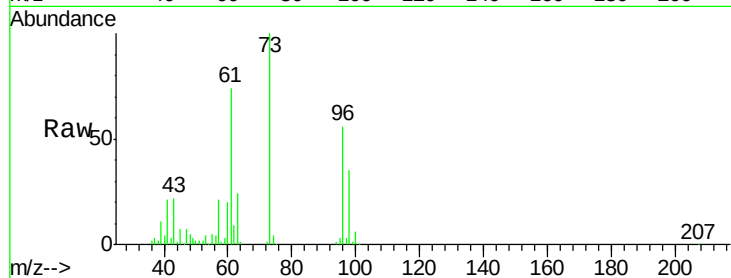
#19
Methyl tert-butyl Ether
Concen: 54.039 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 247937
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4

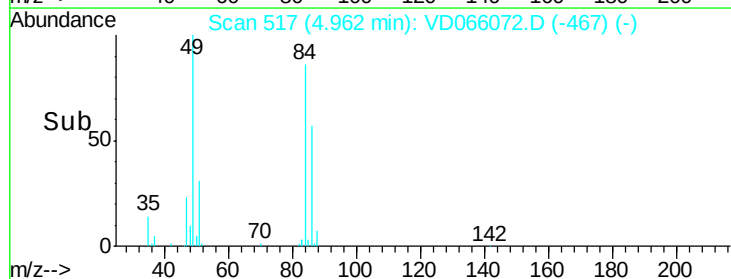
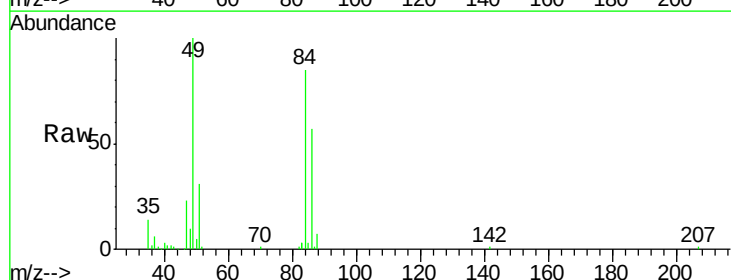
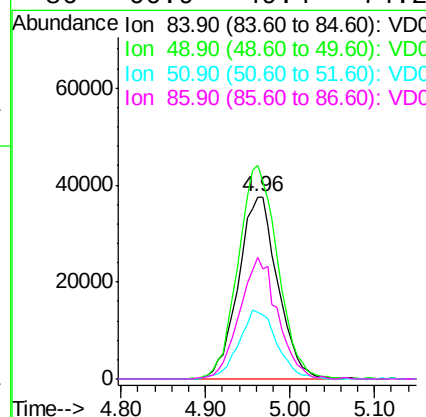
Manual Integrations
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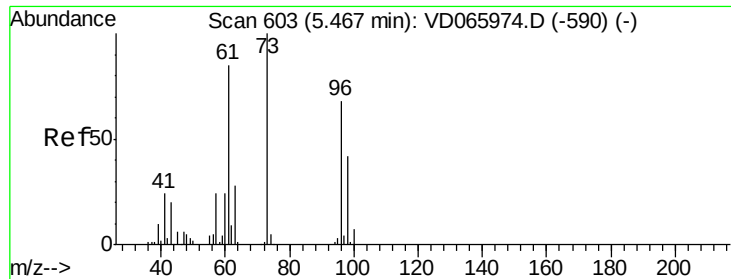
MMDadoda
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#20
Methylene Chloride
Concen: 49.223 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion: 84 Resp: 121186
Ion Ratio Lower Upper
84 100
49 116.6 97.7 146.5
51 36.5 27.4 41.2
86 66.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 48.367 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

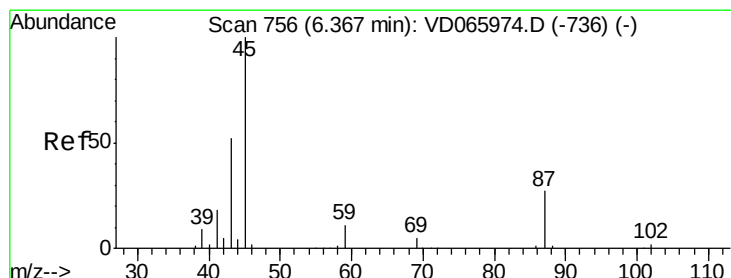
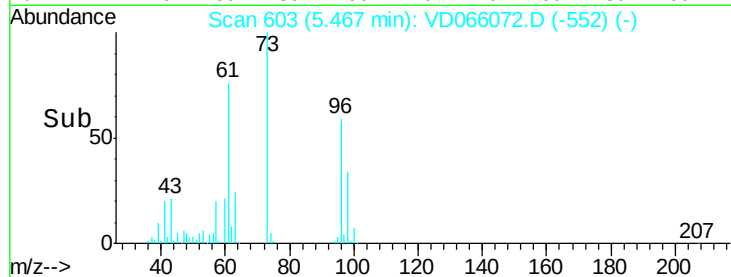
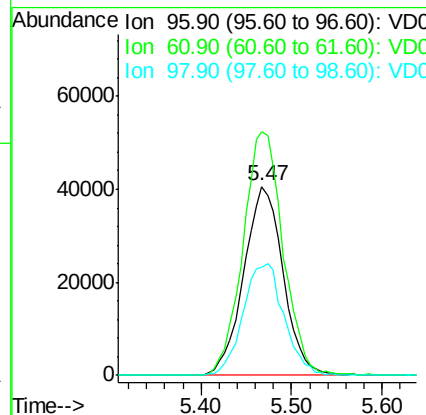
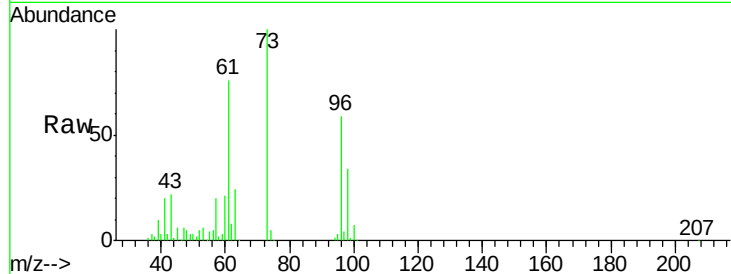
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	122069
Ion	Ratio	Lower	Upper
96	100		
61	128.7	100.5	150.7
98	57.1	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.034 ug/l

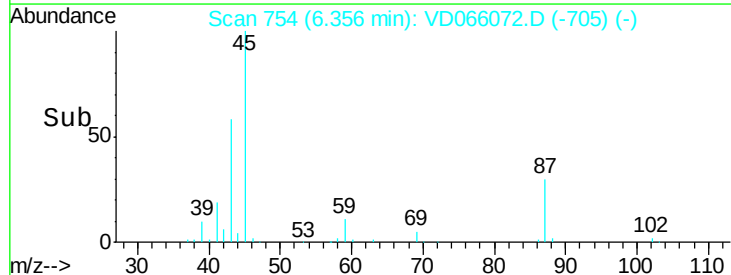
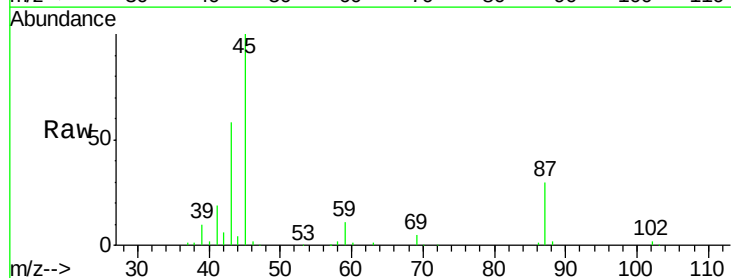
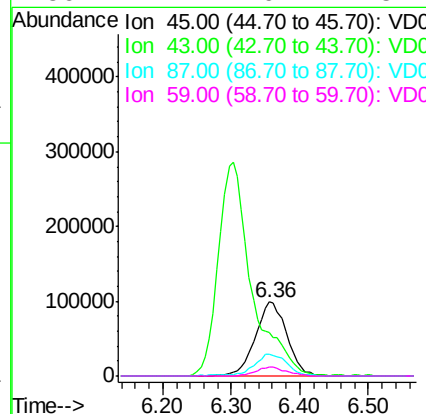
RT: 6.36 min Scan# 754

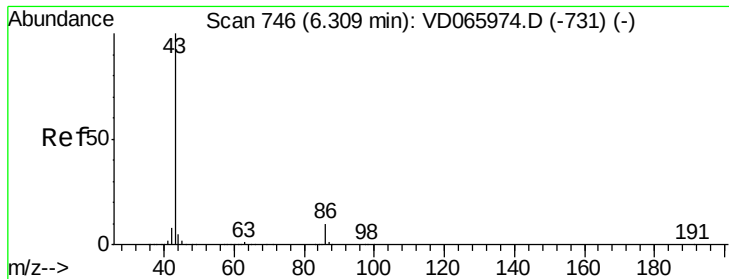
Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion:	45	Resp:	318545
Ion	Ratio	Lower	Upper
45	100		
43	57.4	43.0	64.4
87	29.7	22.0	33.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 258.313 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 966112

Ion Ratio Lower Upper

43 100

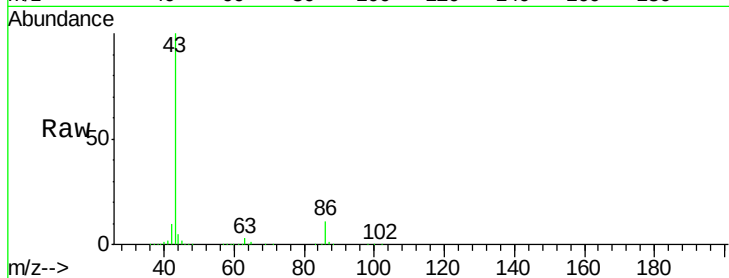
86 11.5 7.9 11.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

300000

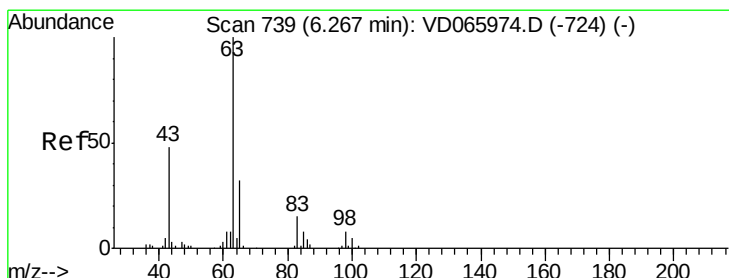
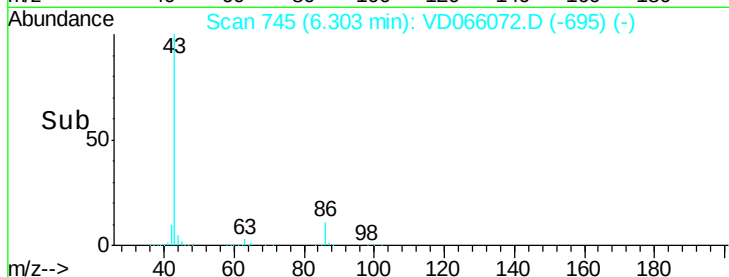
200000

100000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 49.578 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

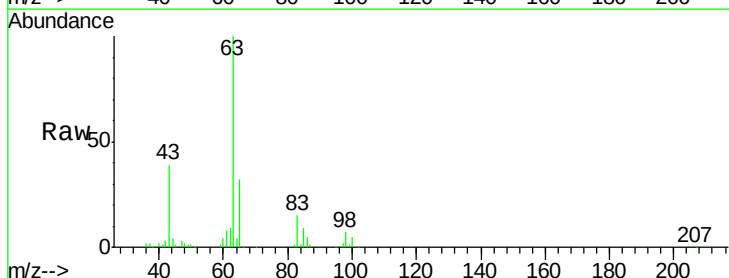
Tgt Ion: 63 Resp: 199216

Ion Ratio Lower Upper

63 100

98 7.5 4.3 12.8

100 4.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

80000

60000

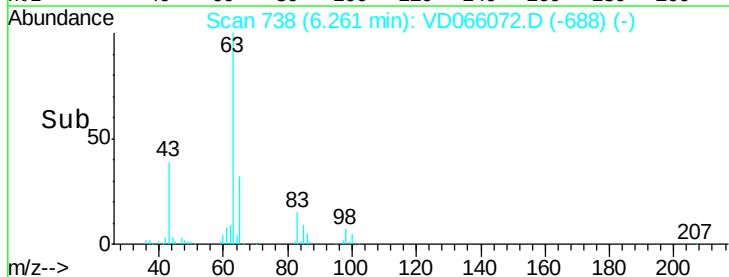
40000

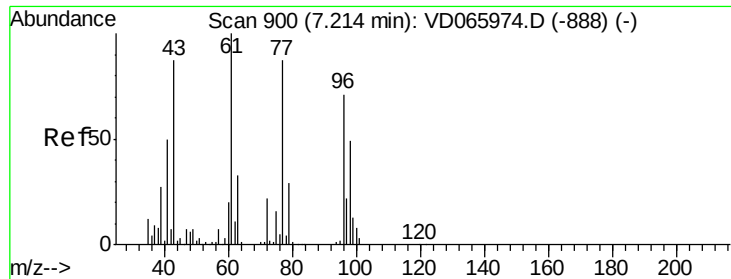
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 257.190 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 151809

Ion Ratio Lower Upper

43 100

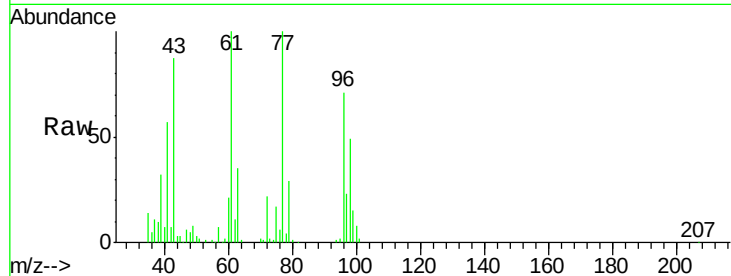
72 25.1 20.2 30.2

Manual Integrations

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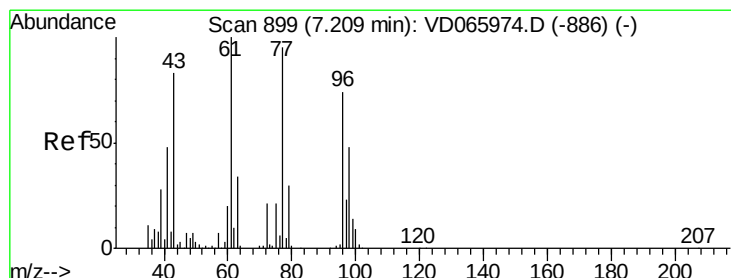
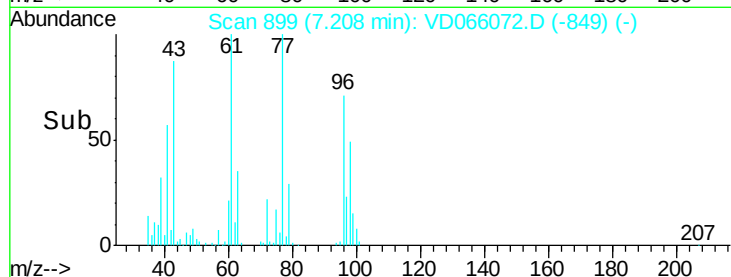
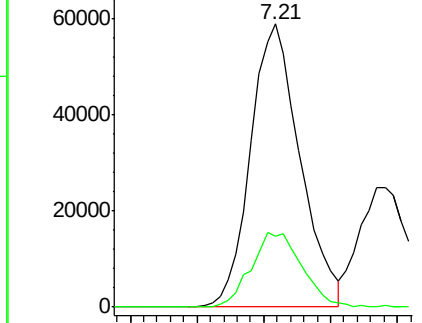
MMDadoda

7/29/2020 7:05:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 54.662 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066072.D

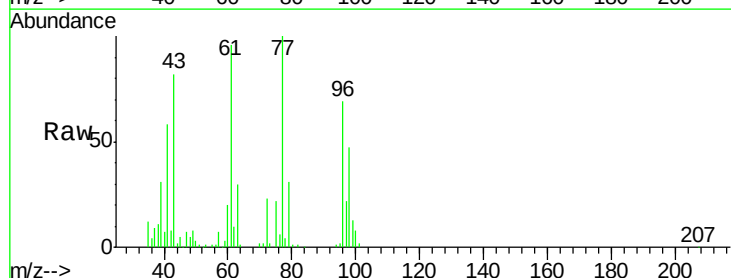
Acq: 28 Jul 2020 11:11

Tgt Ion: 77 Resp: 197515

Ion Ratio Lower Upper

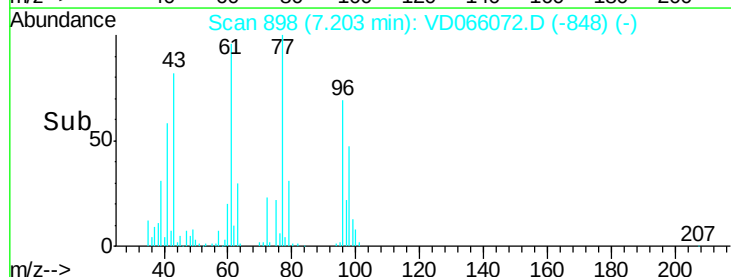
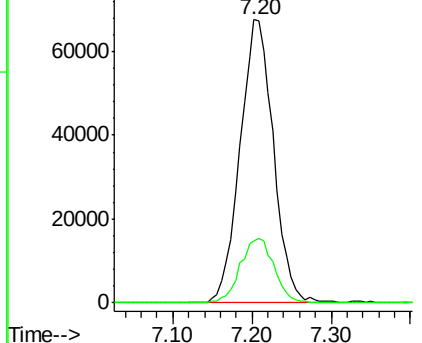
77 100

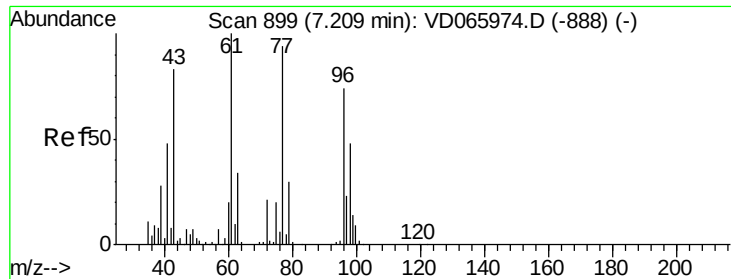
97 23.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





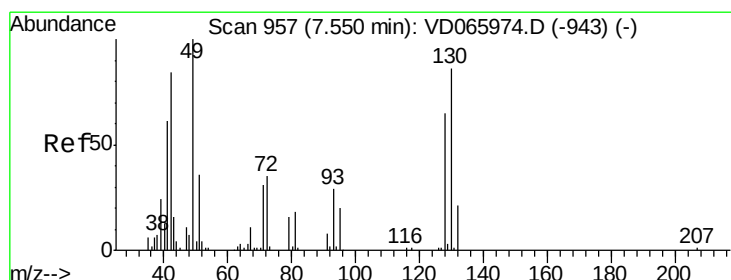
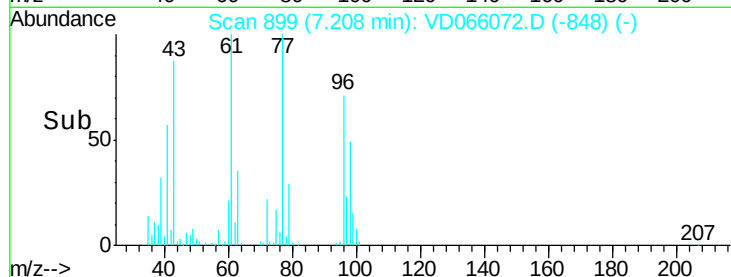
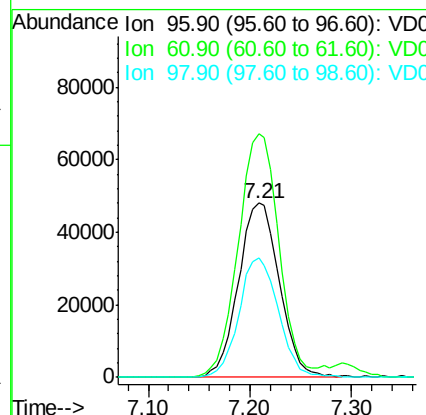
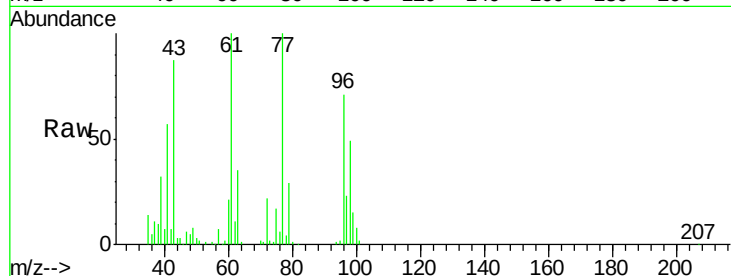
#27
 cis-1,2-Dichloroethene
 Concen: 50.348 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134539		
61	138.7	0.0	276.6	
98	66.2	0.0	130.8	

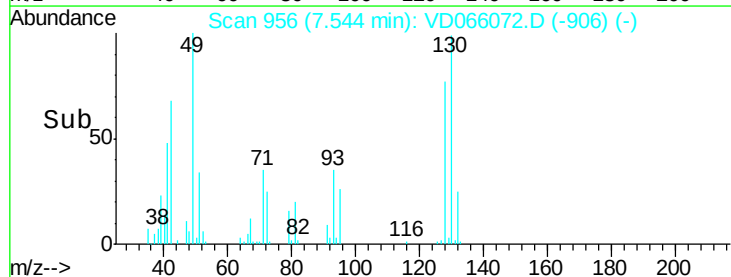
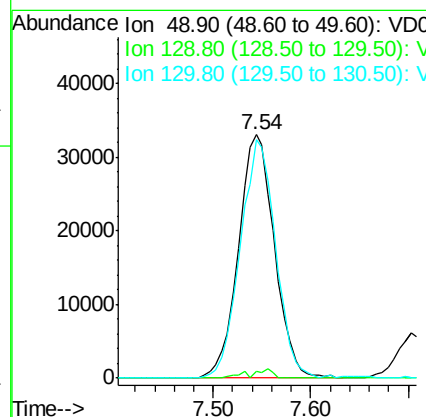
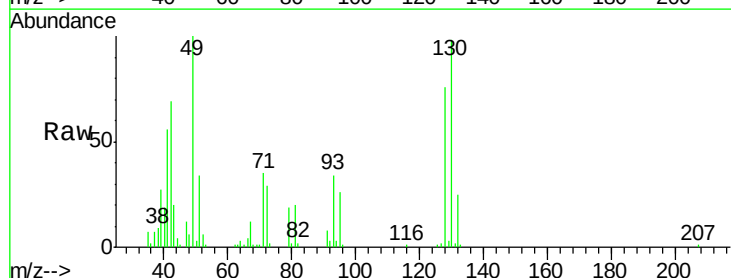
Manual Integrations
 APPROVED

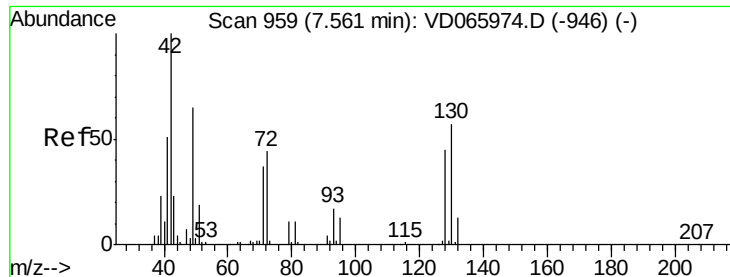
MMDadoda
 7/29/2020 7:05:53 PM



#28
 Bromochloromethane
 Concen: 49.800 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84932		
129	1.5	0.0	4.8	
130	96.2	68.4	102.6	





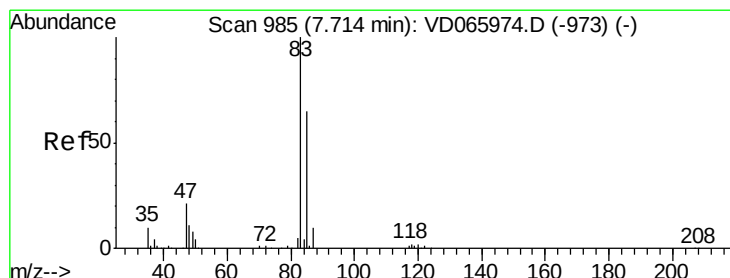
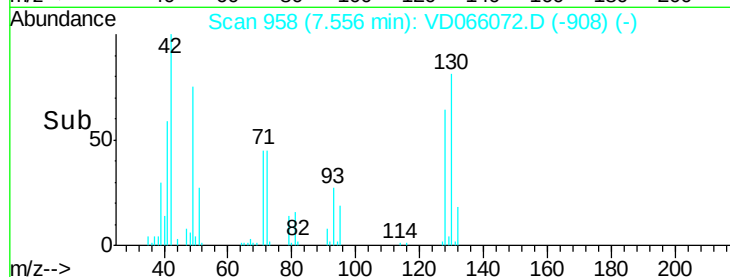
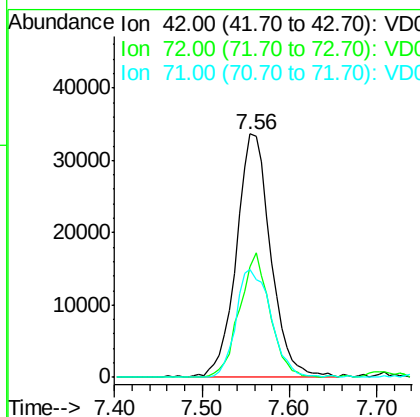
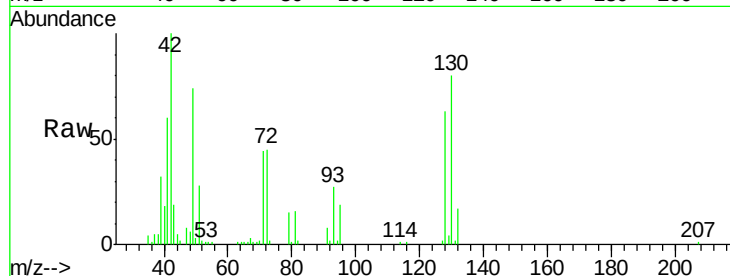
#29
Tetrahydrofuran
Concen: 245.324 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.2	51.2
71	45.2	31.4	47.2

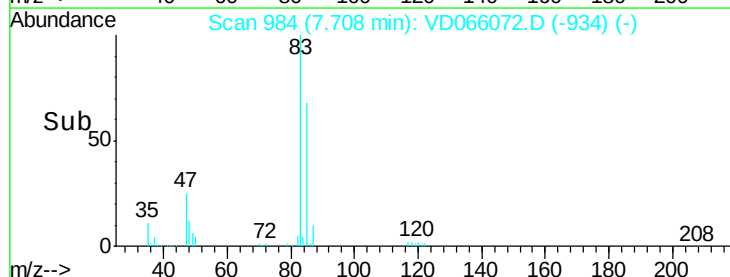
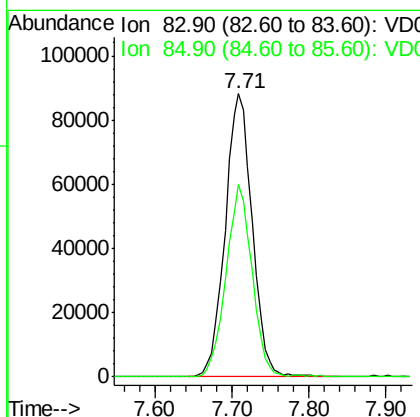
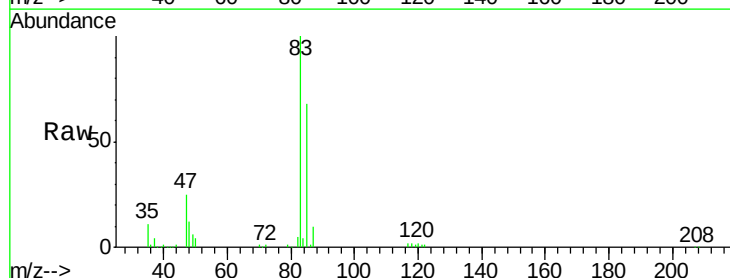
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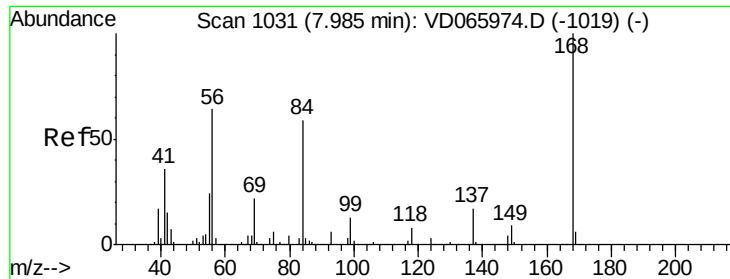
MMDadoda
7/29/2020 7:05:53 PM



#30
Chloroform
Concen: 51.257 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.1	78.1





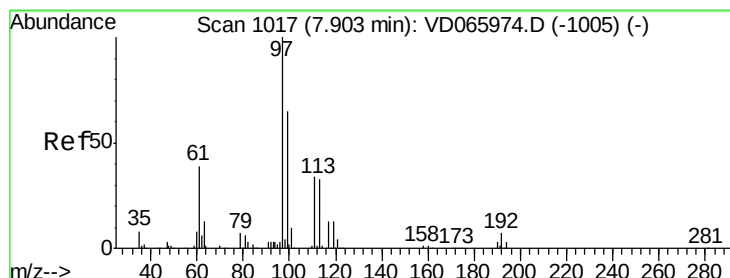
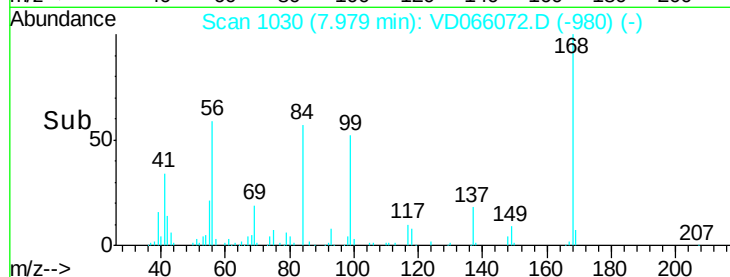
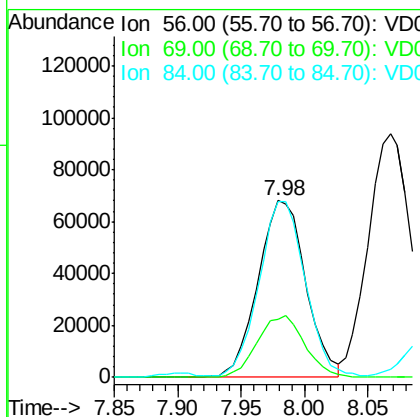
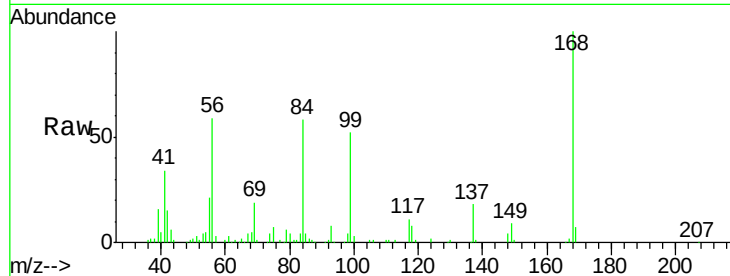
#31
Cyclohexane
Concen: 45.146 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.6	28.0	42.0
84	97.2	72.6	109.0

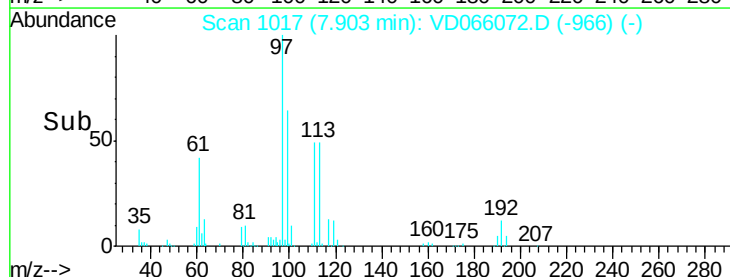
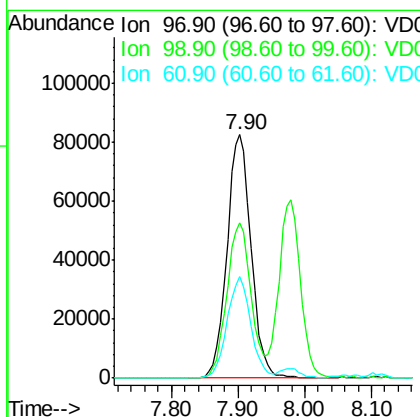
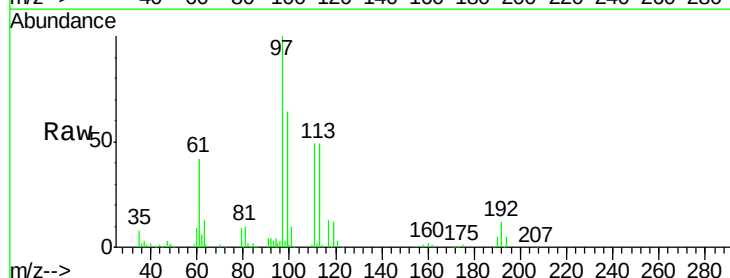
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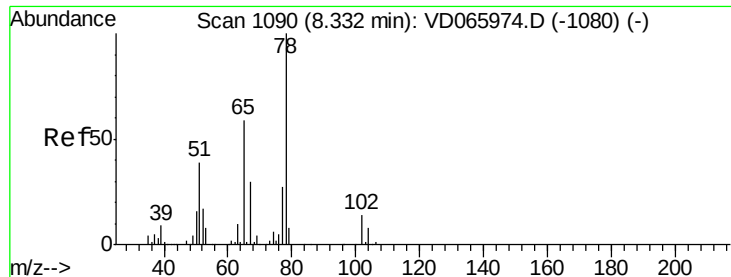
MMDadoda
7/29/2020 7:05:53 PM



#32
1,1,1-Trichloroethane
Concen: 53.976 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	40.8	33.3	49.9





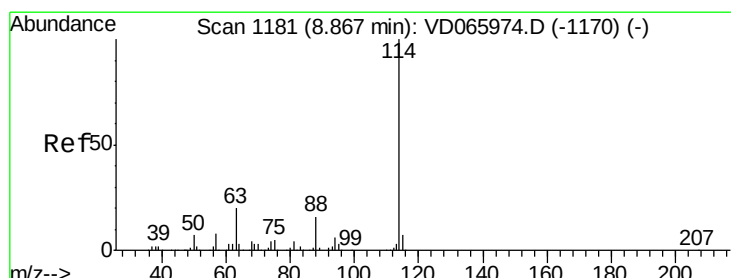
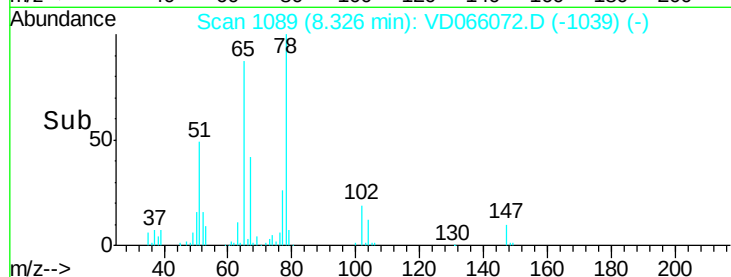
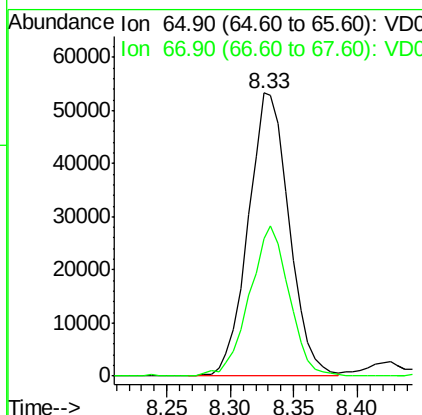
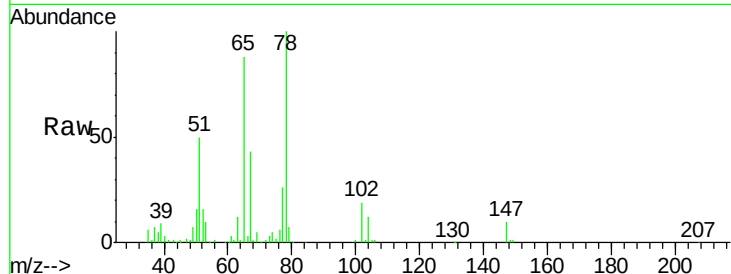
#33
 1,2-Dichloroethane-d4
 Concen: 54.364 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 119473
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0

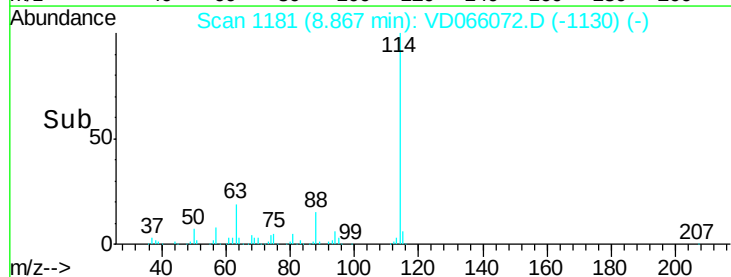
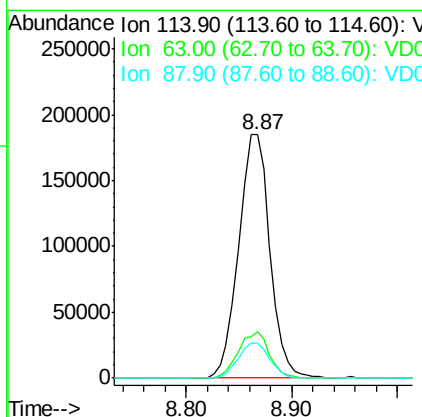
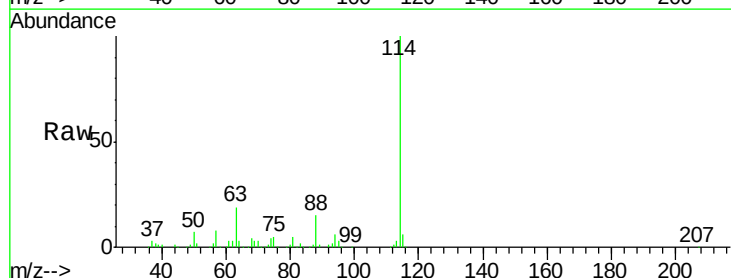
Manual Integrations
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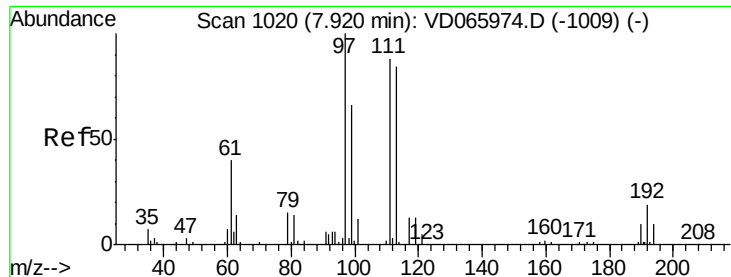
MMDadoda
 7/29/2020 7:05:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 114 Resp: 378853
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 14.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.316 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

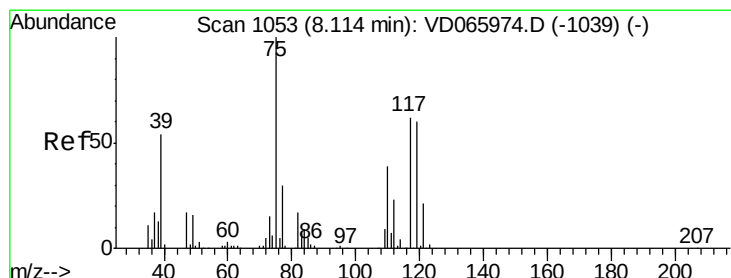
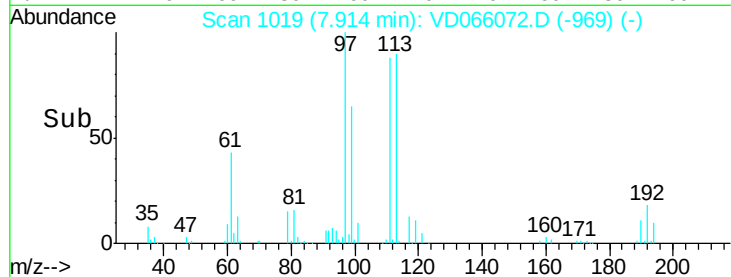
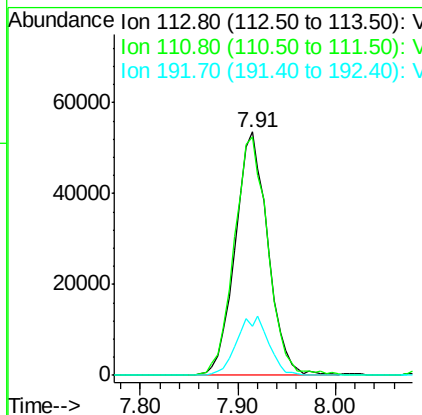
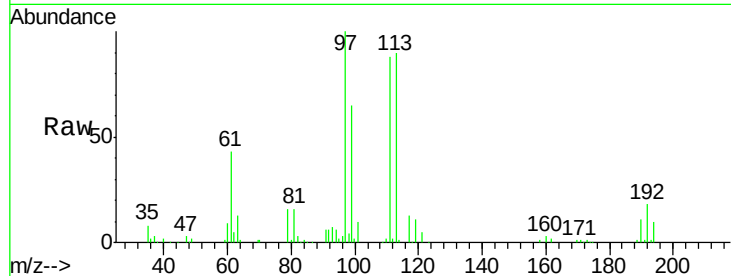
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124810		
111	101.4	83.2	124.8	
192	23.7	18.7	28.1	

Manual Integrations
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MMDadoda
7/29/2020 7:05:53 PM



#36

1,1-Dichloropropene

Concen: 52.200 ug/l

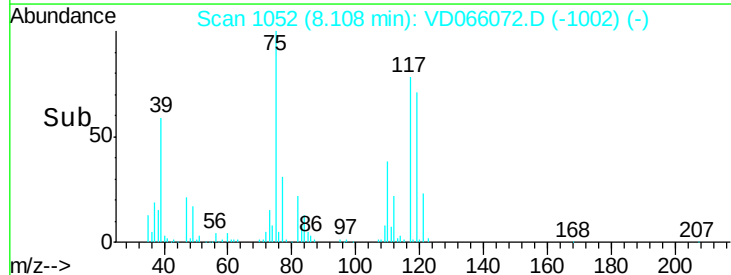
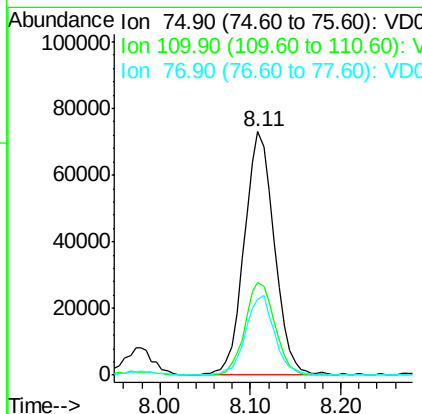
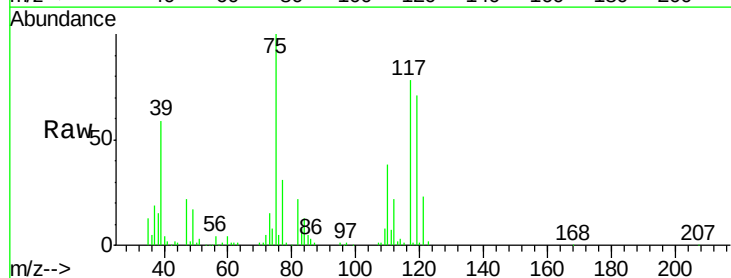
RT: 8.11 min Scan# 1052

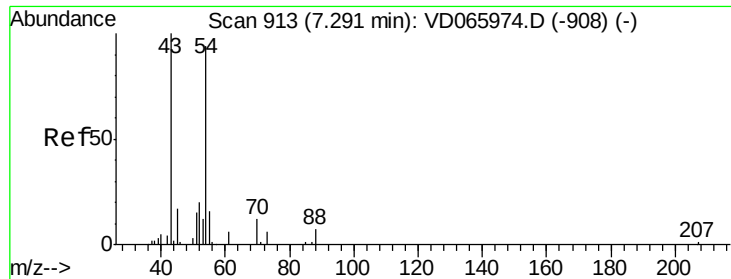
Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168780		
110	37.7	19.5	58.5	
77	31.4	24.7	37.1	





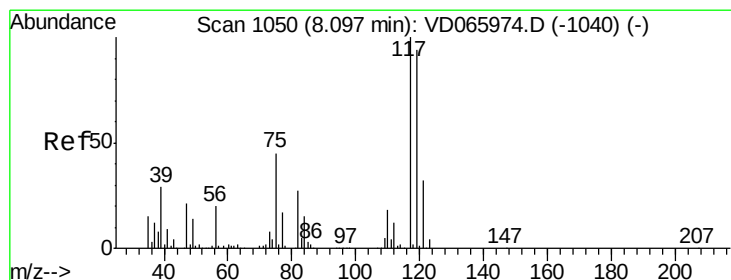
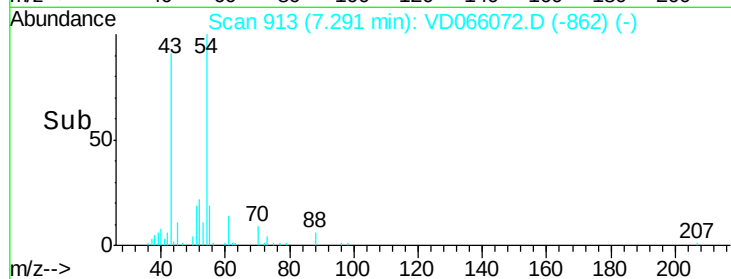
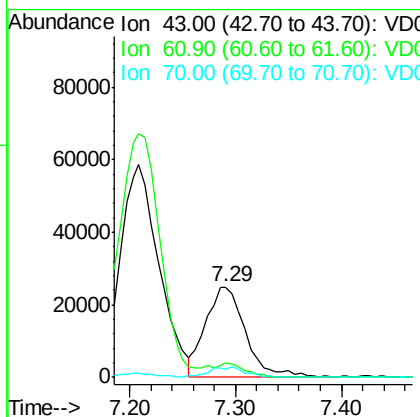
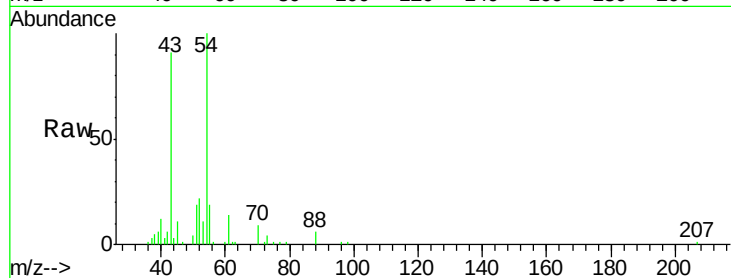
#37
Ethyl Acetate
Concen: 52.201 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.6	11.4	17.0#
70	10.5	9.3	13.9

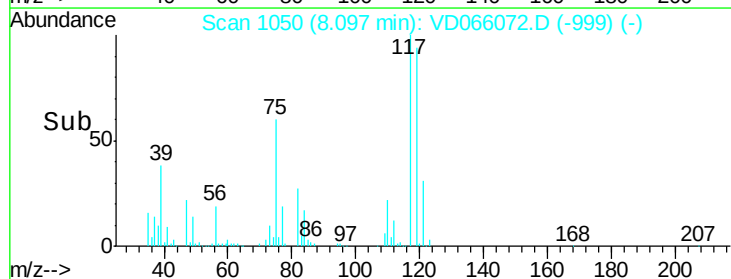
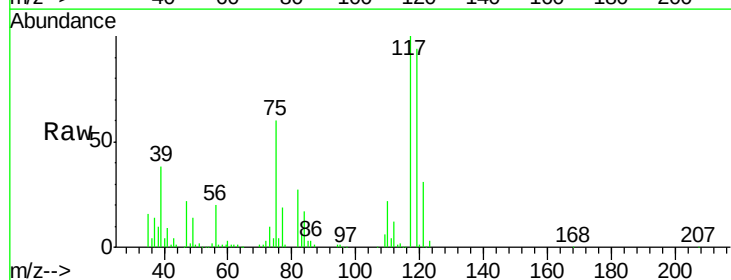
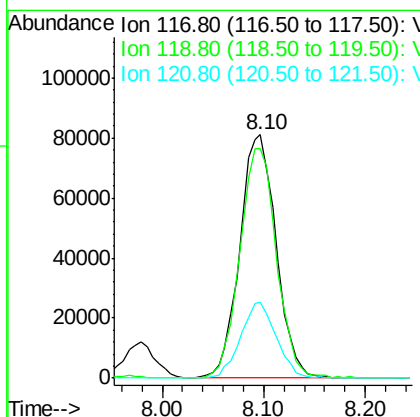
Manual Integrations
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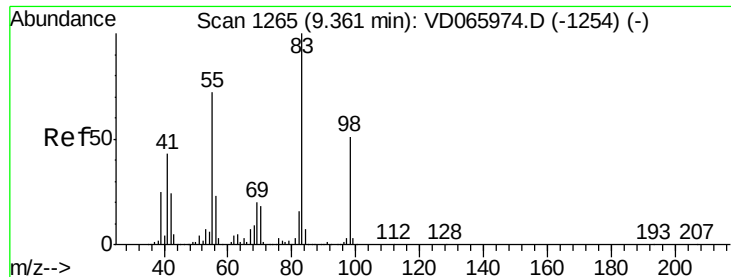
MMDadoda
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#38
Carbon Tetrachloride
Concen: 57.153 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.0	112.6
121	31.3	25.5	38.3





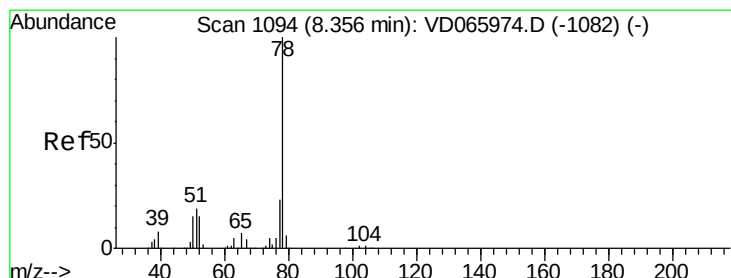
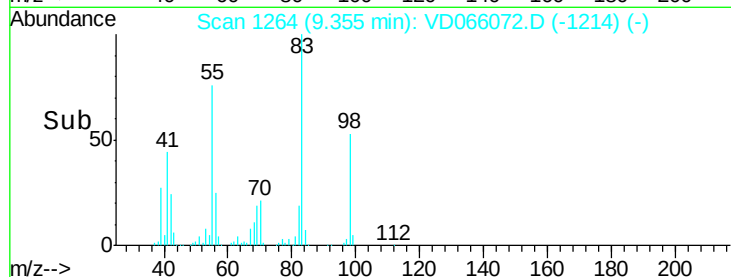
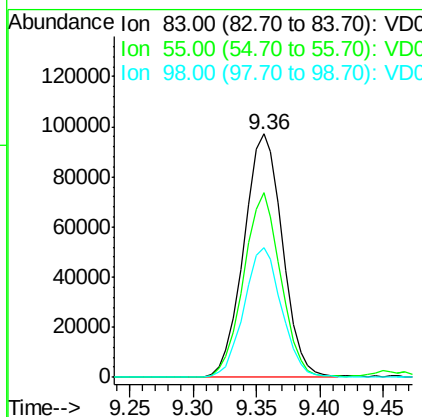
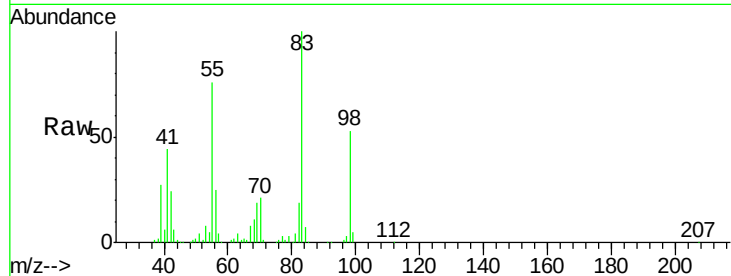
#39
Methylcyclohexane
Concen: 52.509 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	57.3	85.9
98	53.2	41.0	61.6

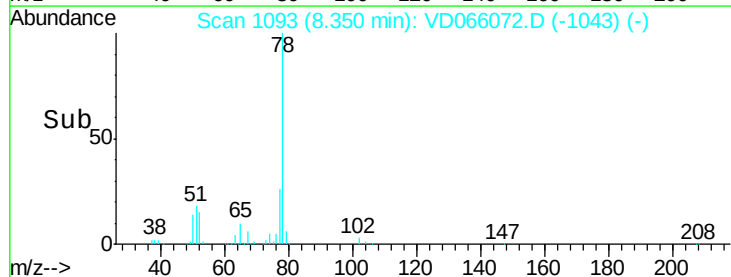
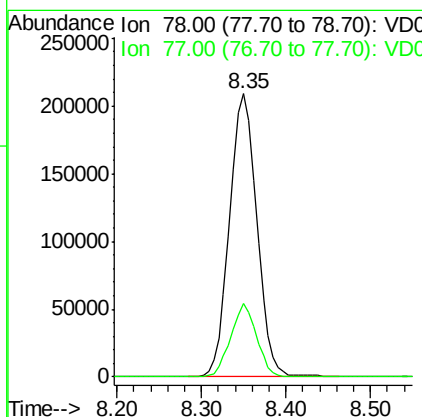
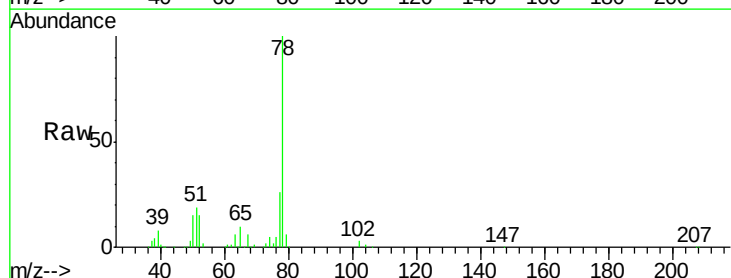
Manual Integrations
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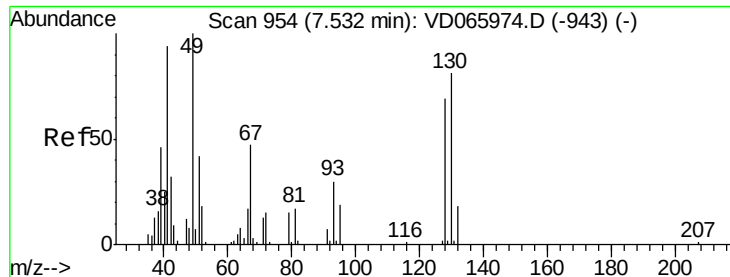
MMDadoda
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#40
Benzene
Concen: 51.707 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	18.6	27.8





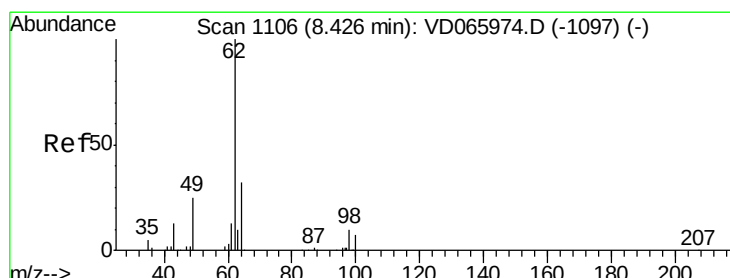
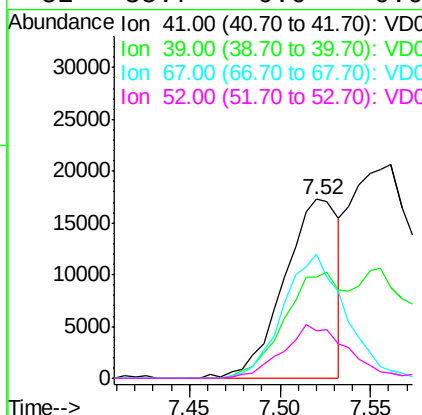
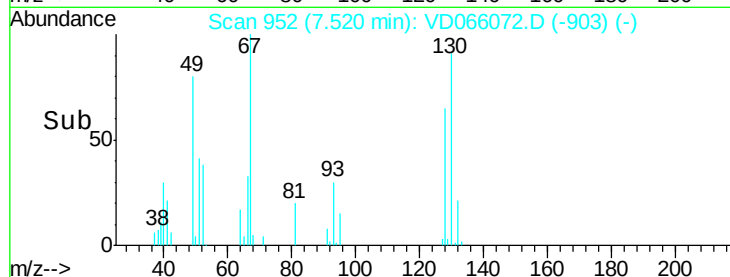
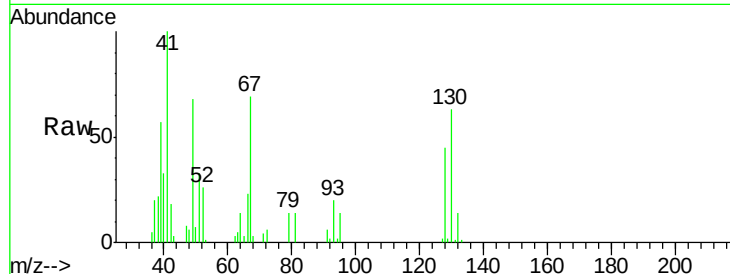
#41
Methacrylonitrile
Concen: 51.249 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.4	0.0	0.0#
67	79.7	0.0	0.0#
52	35.7	0.0	0.0#

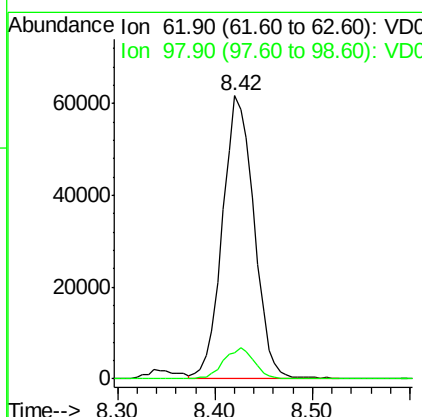
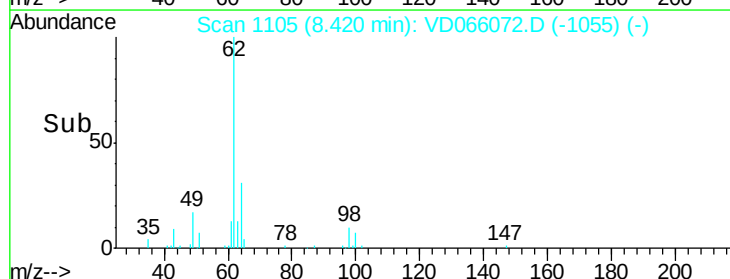
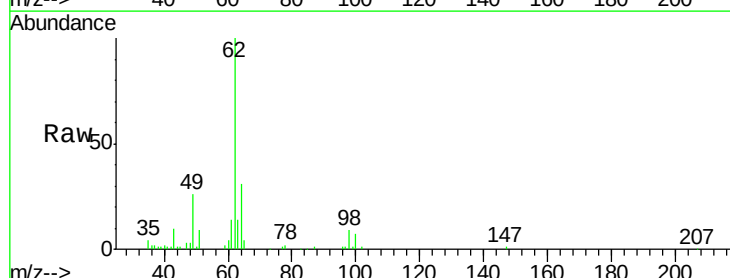
Manual Integrations
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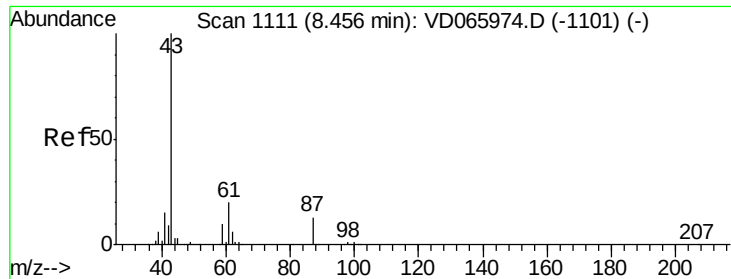
MMDadoda
7/29/2020 7:05:53 PM



#42
1,2-Dichloroethane
Concen: 55.989 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0





#43

Isopropyl Acetate

Concen: 53.692 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

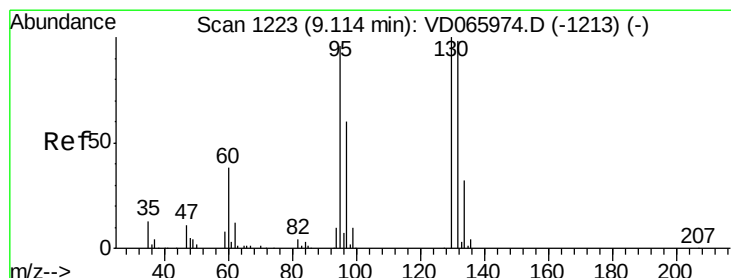
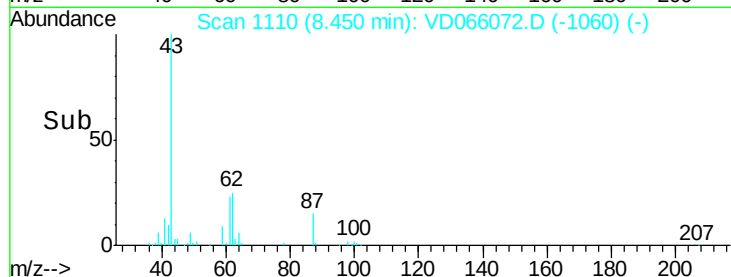
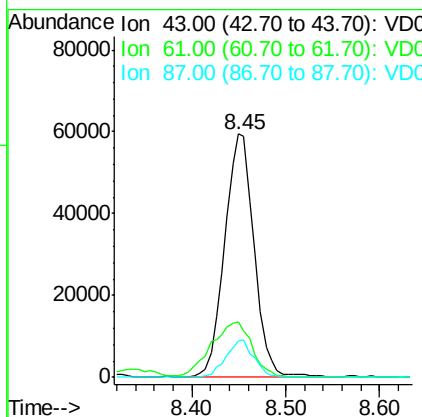
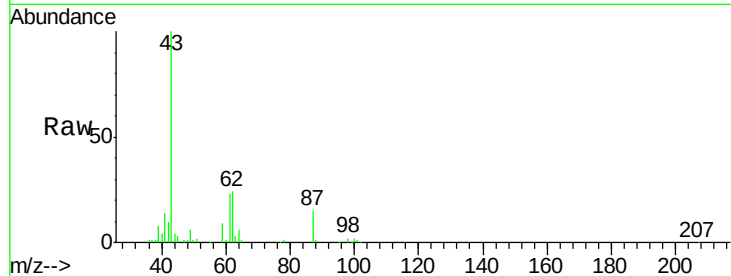
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	129492
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.8	38.8
87	14.4	10.9	16.3

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#44

Trichloroethene

Concen: 52.804 ug/l

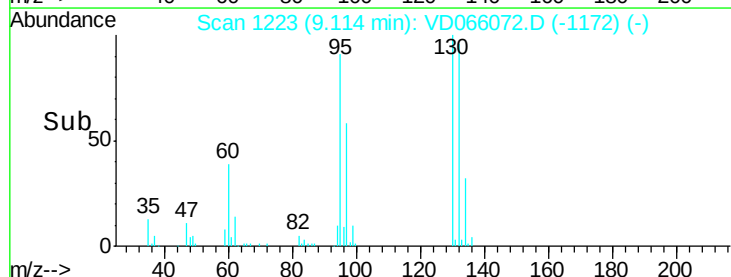
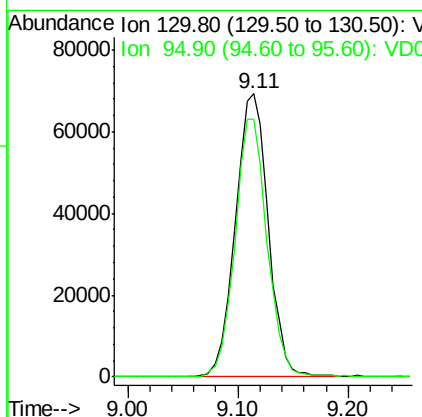
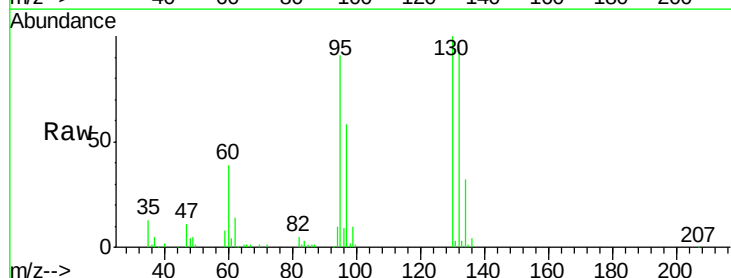
RT: 9.11 min Scan# 1223

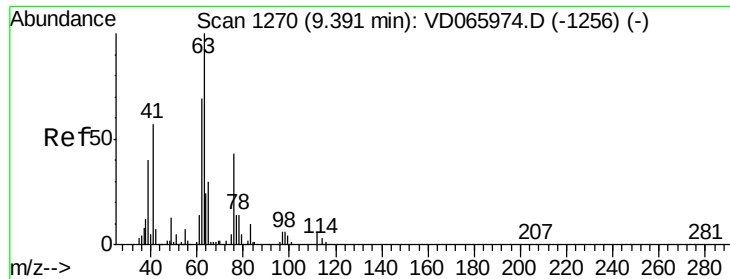
Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion:	130	Resp:	144543
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	191.6





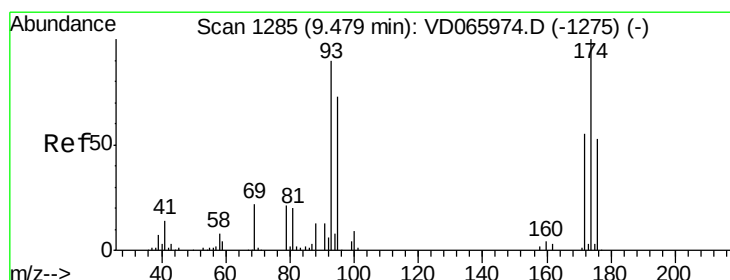
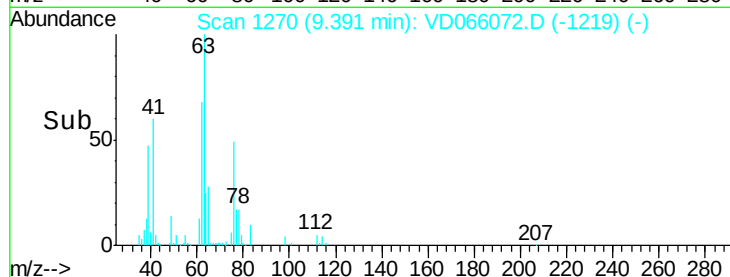
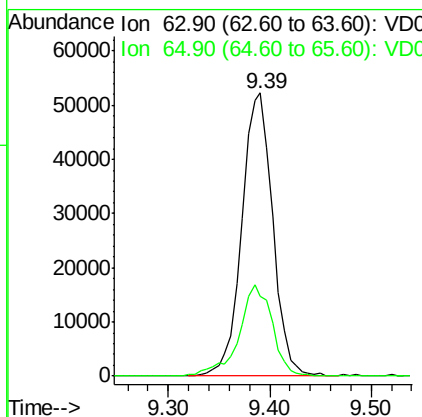
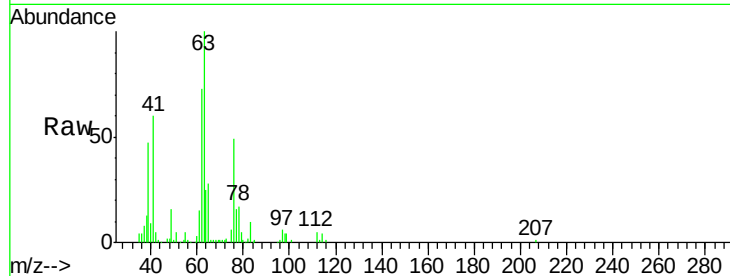
#45
 1,2-Dichloropropane
 Concen: 50.359 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 110328
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.0 36.0

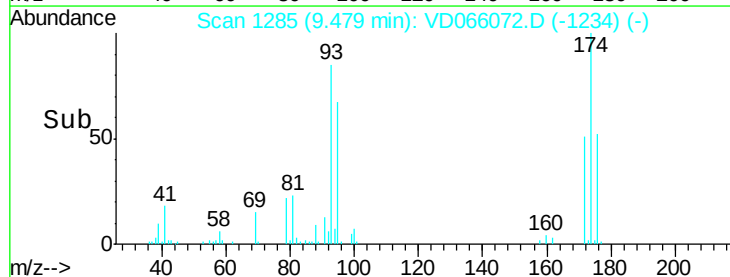
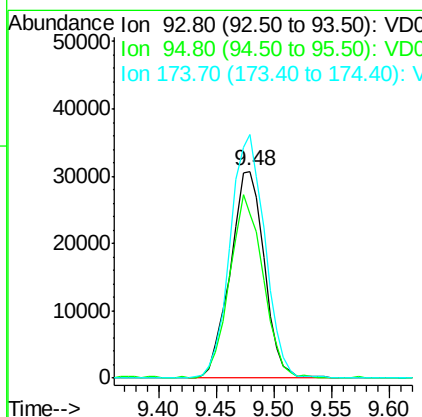
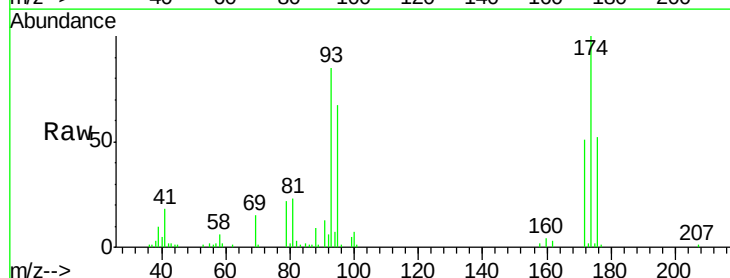
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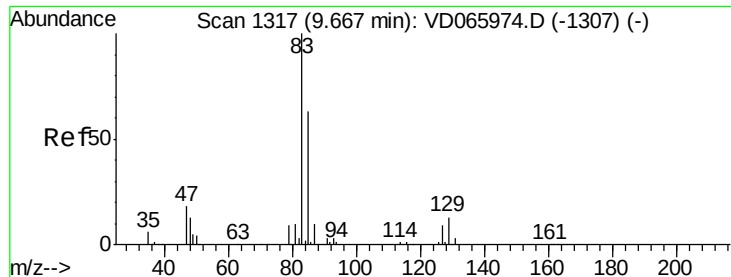
MMDadoda
 7/29/2020 7:05:53 PM



#46
 Dibromomethane
 Concen: 53.343 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 93 Resp: 62912
 Ion Ratio Lower Upper
 93 100
 95 87.0 66.2 99.4
 174 120.0 91.5 137.3





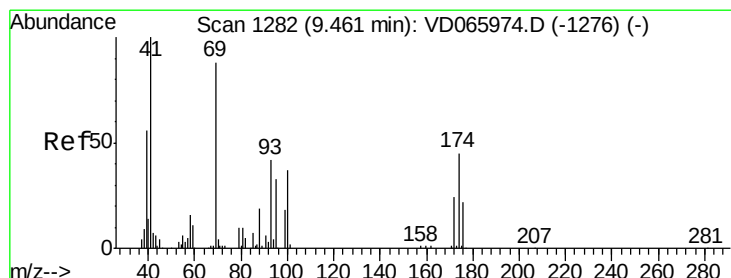
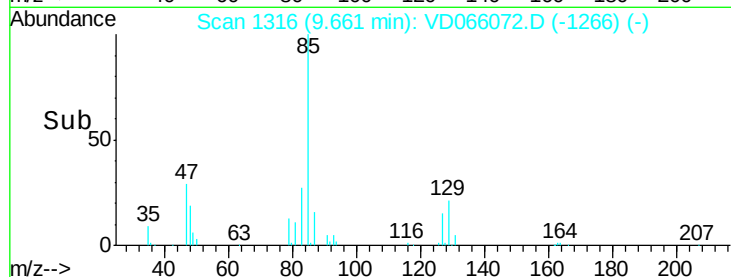
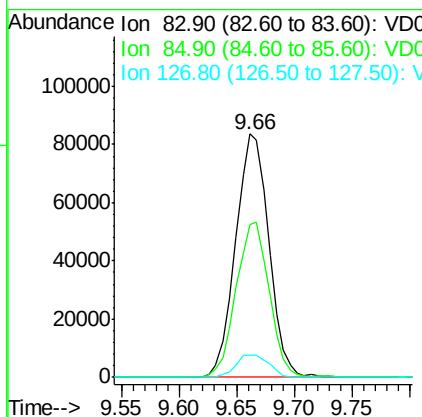
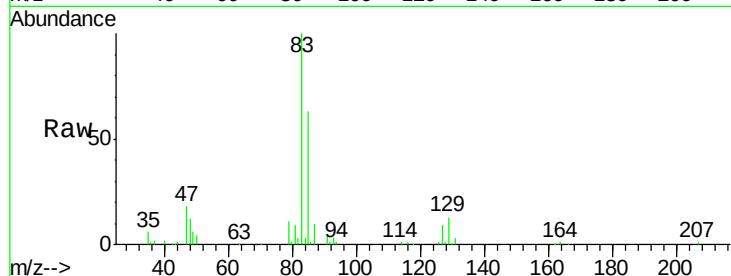
#47
Bromodichloromethane
Concen: 53.557 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	167013		
85	62.5	50.6	75.8	
127	9.2	7.1	10.7	

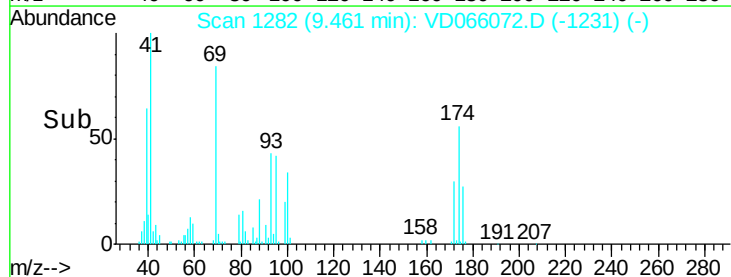
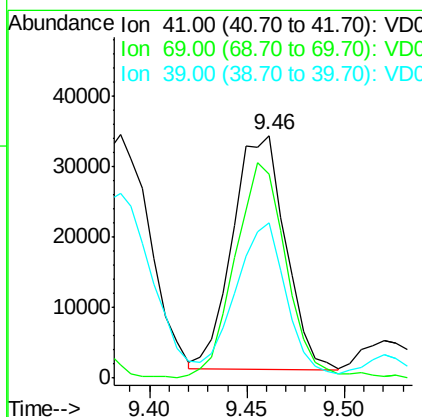
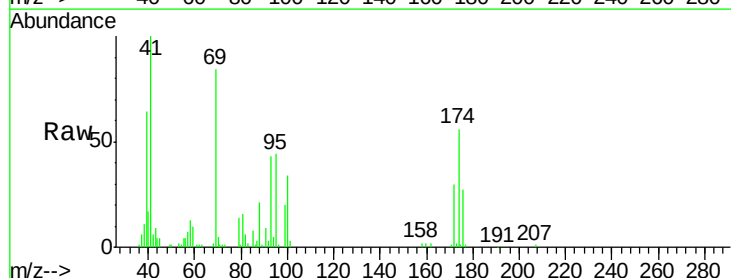
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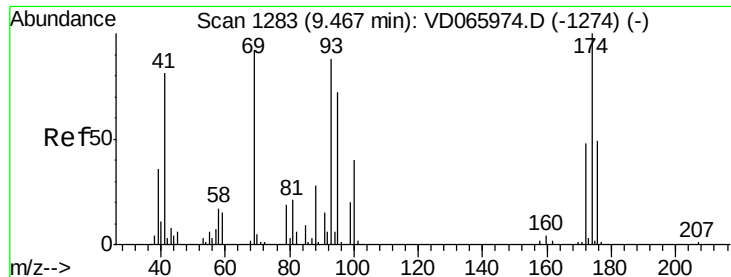
MMDadoda
7/29/2020 7:05:53 PM



#48
Methyl methacrylate
Concen: 51.010 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	62056		
69	90.8	65.1	97.7	
39	60.6	41.5	62.3	





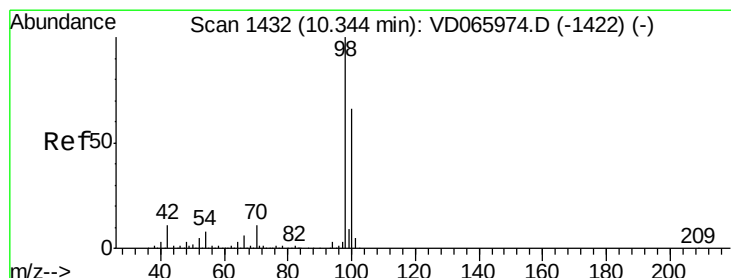
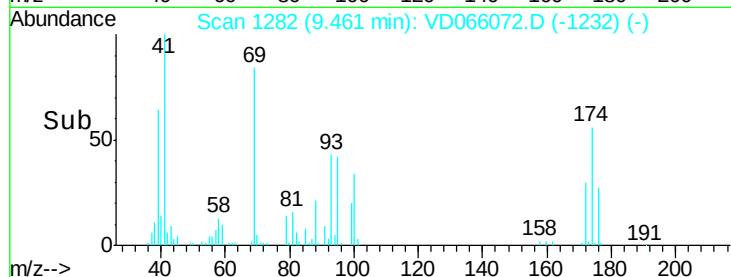
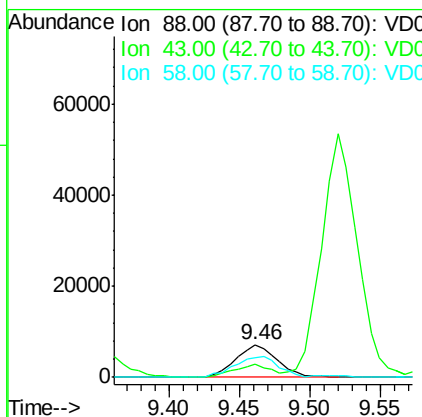
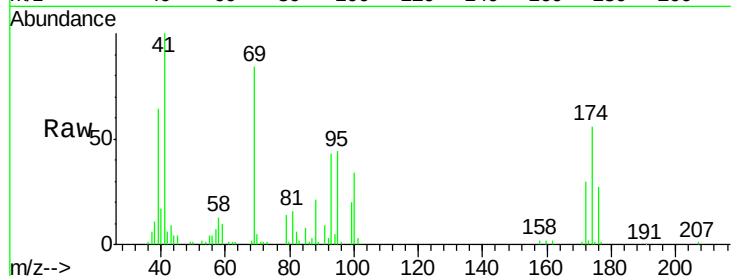
#49
1,4-Dioxane
Concen: 1081.256 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.0	43.6
58	68.7	57.0	85.4

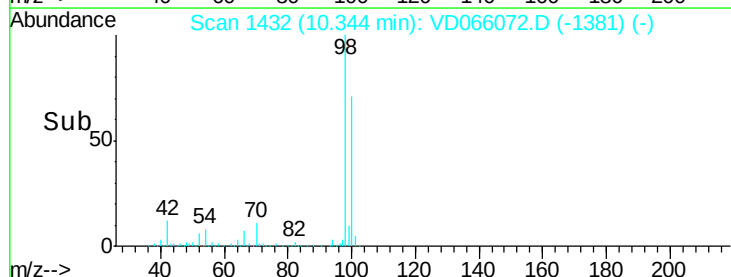
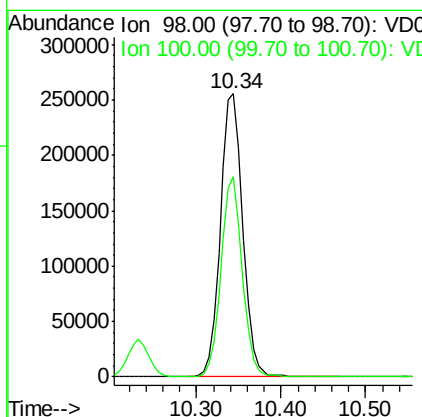
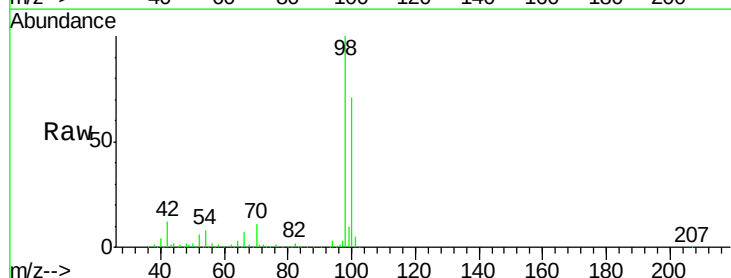
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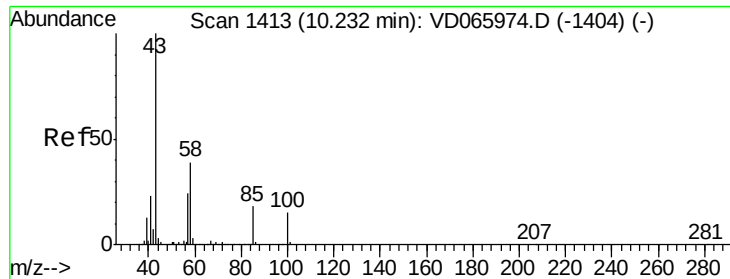
MMDadoda
7/29/2020 7:05:53 PM



#50
Toluene-d8
Concen: 54.580 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.7	79.1





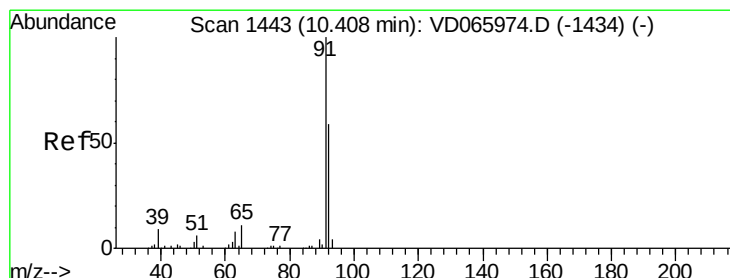
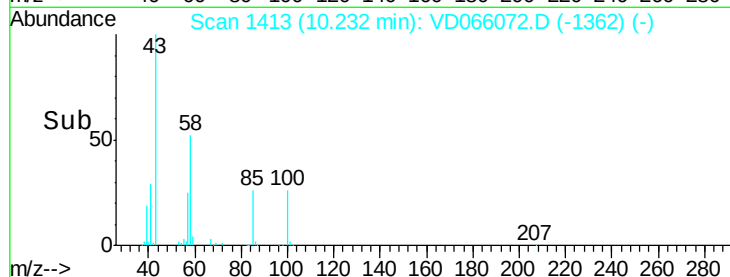
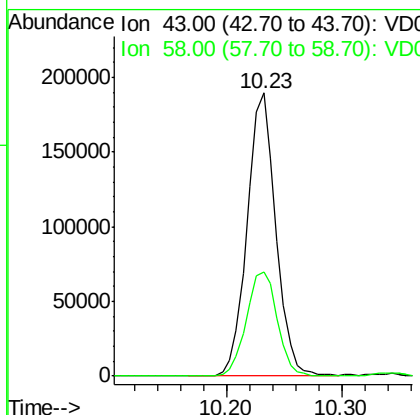
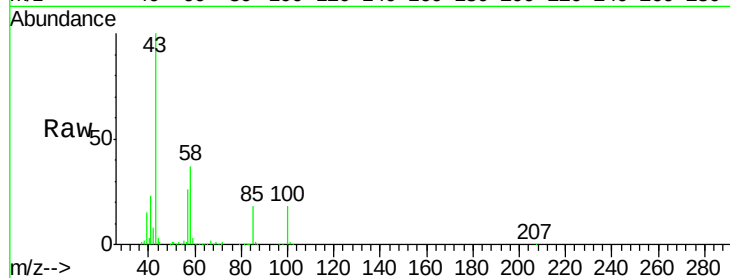
#51
 4-Methyl-2-Pentanone
 Concen: 270.035 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 328140
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9

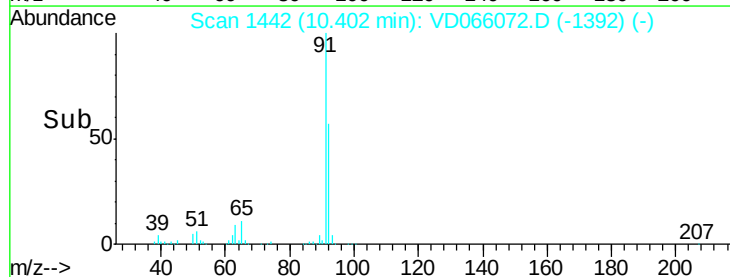
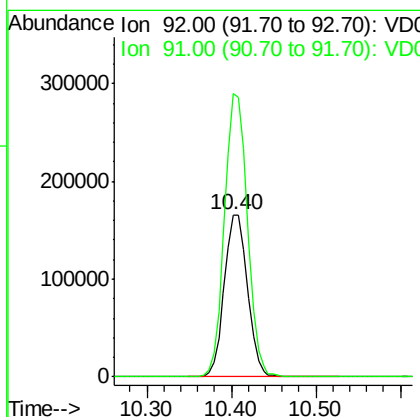
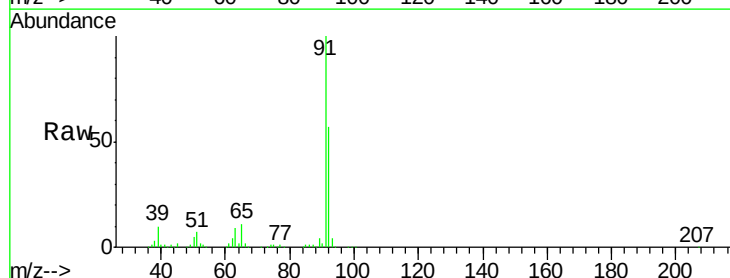
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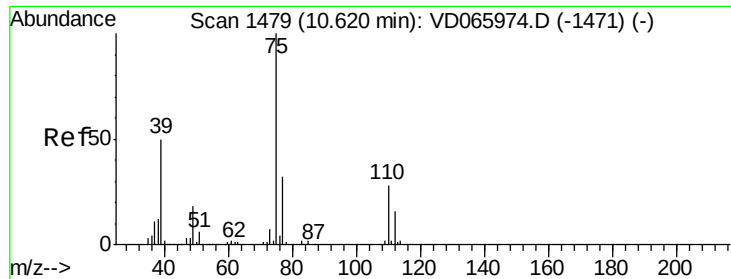
MMDadoda
 7/29/2020 7:05:53 PM



#52
 Toluene
 Concen: 53.338 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 92 Resp: 314645
 Ion Ratio Lower Upper
 92 100
 91 172.3 134.5 201.7





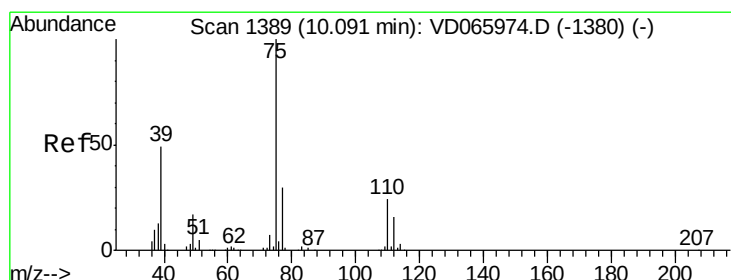
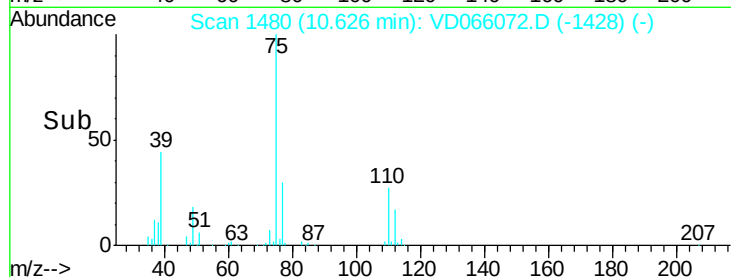
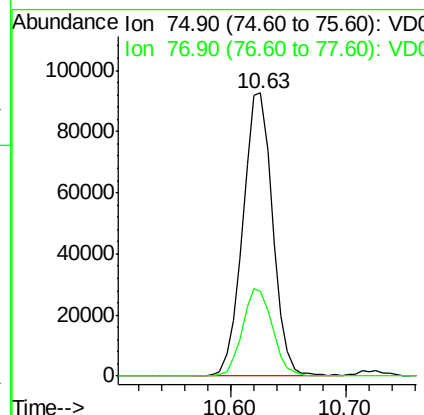
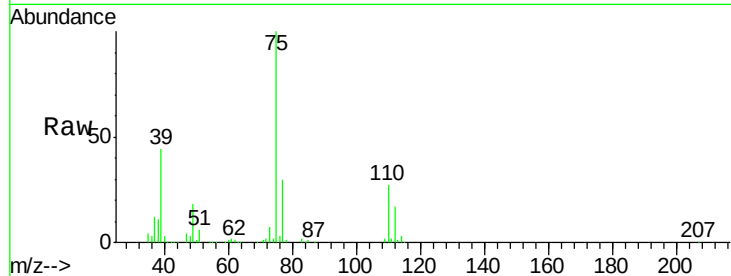
#53
t-1,3-Dichloropropene
Concen: 57.137 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 165997
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6

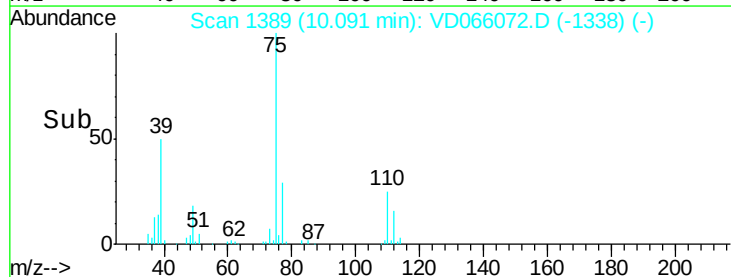
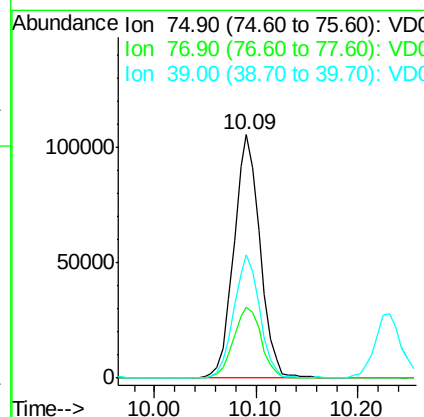
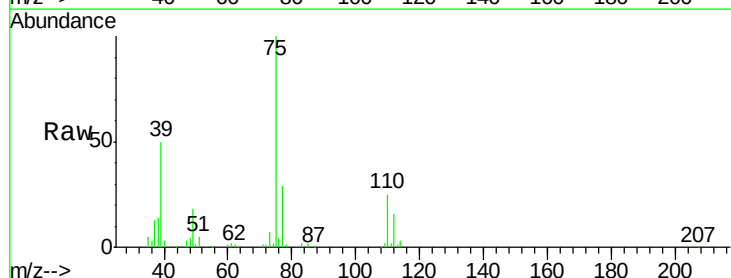
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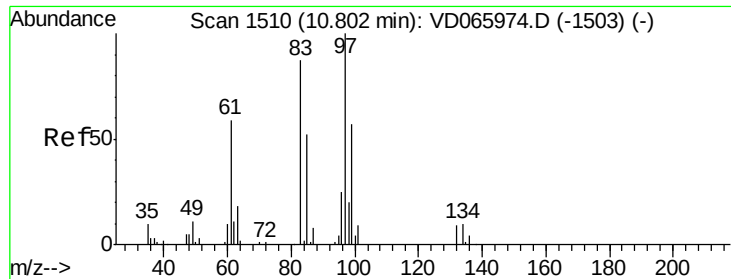
MMDadoda
7/29/2020 7:05:53 PM



#54
cis-1,3-Dichloropropene
Concen: 53.409 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion: 75 Resp: 188091
Ion Ratio Lower Upper
75 100
77 28.9 23.8 35.8
39 50.3 38.8 58.2





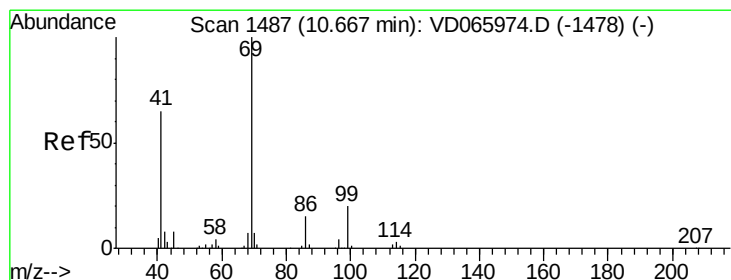
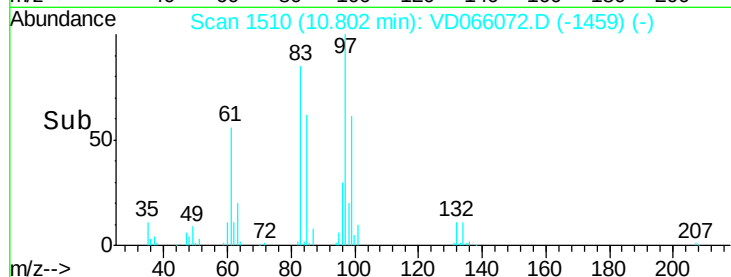
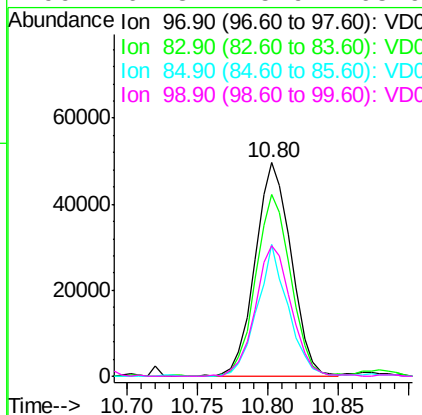
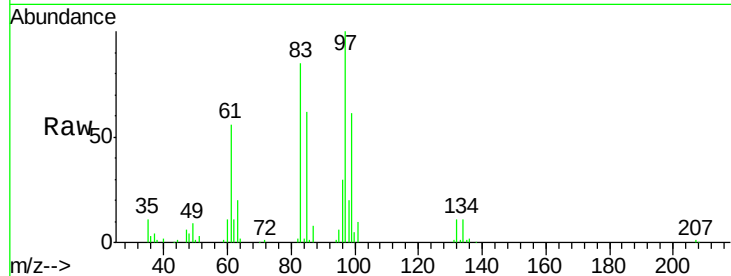
#55
 1,1,2-Trichloroethane
 Concen: 53.358 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	89249
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.7	104.5
85	61.9	41.6	62.4
99	61.3	45.9	68.9

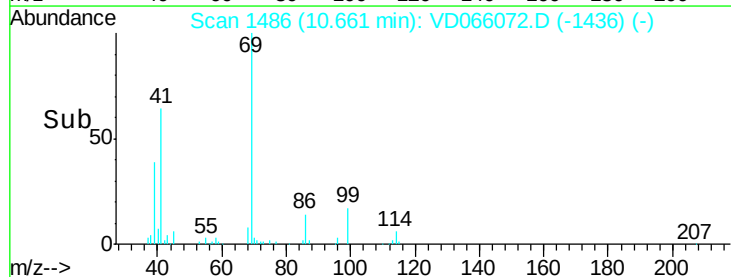
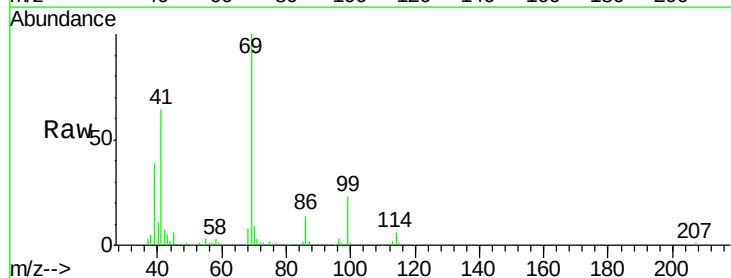
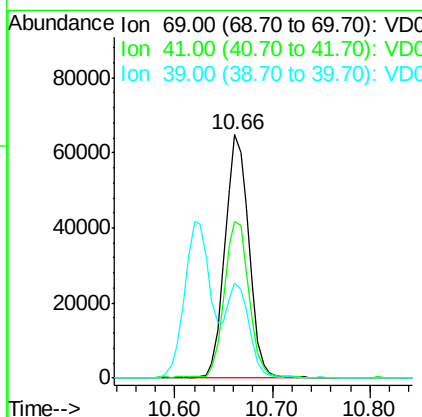
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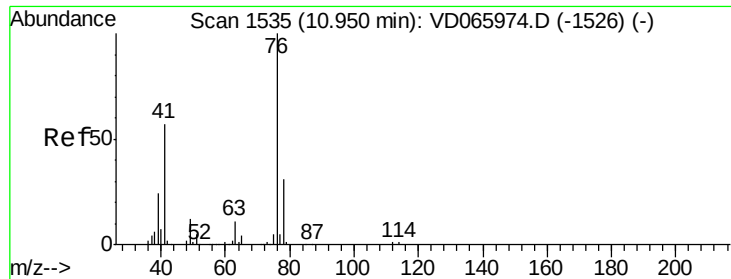
MMDadoda
 7/29/2020 7:05:53 PM



#56
 Ethyl methacrylate
 Concen: 56.594 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion:	69	Resp:	110060
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.3	78.5
39	38.9	25.2	37.8#





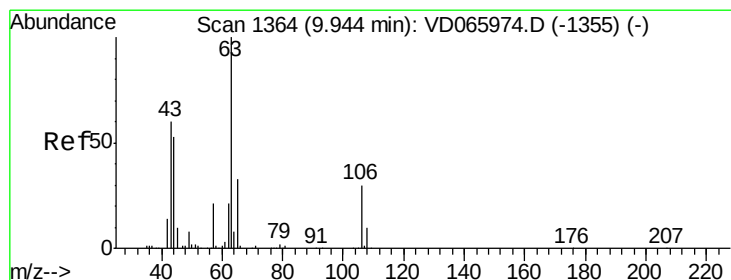
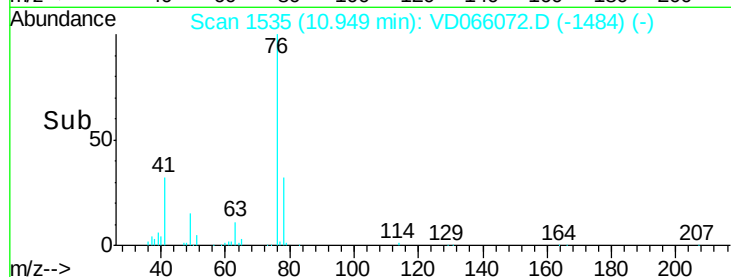
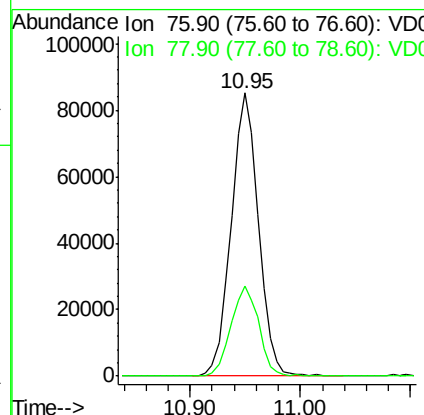
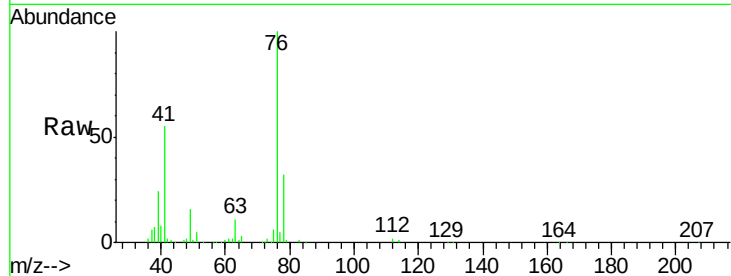
#57
 1,3-Dichloropropane
 Concen: 53.220 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 147366
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4

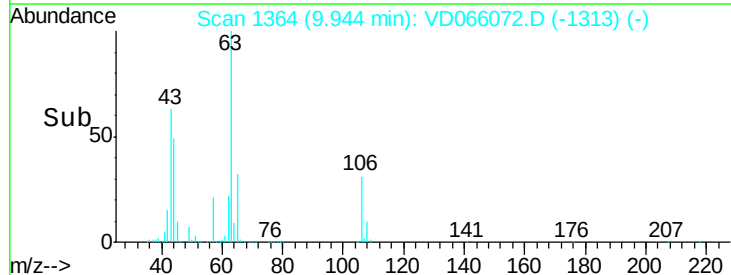
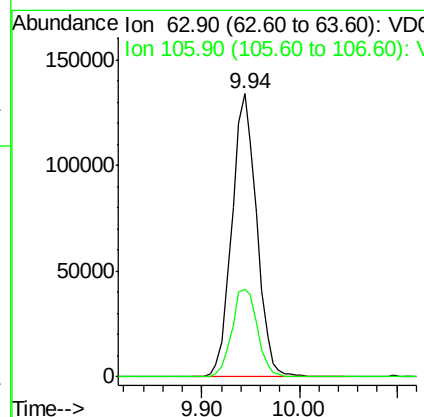
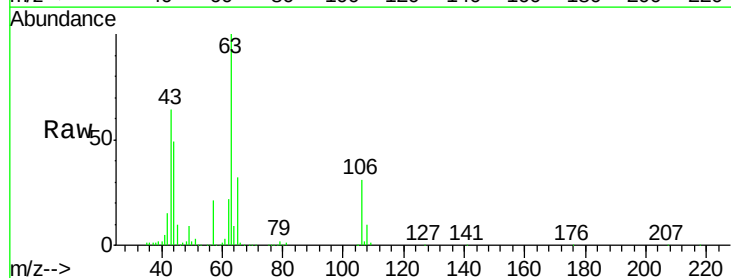
Manual Integrations
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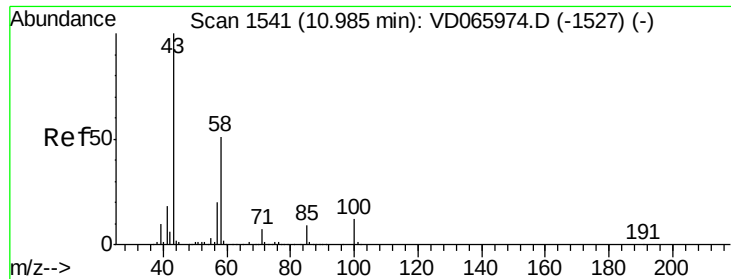
MMDadoda
 7/29/2020 7:05:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.914 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 63 Resp: 235886
 Ion Ratio Lower Upper
 63 100
 106 32.1 24.4 36.6





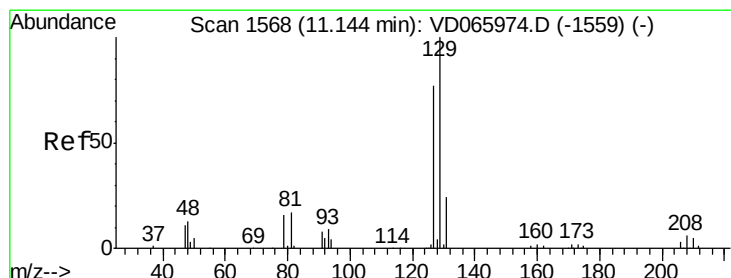
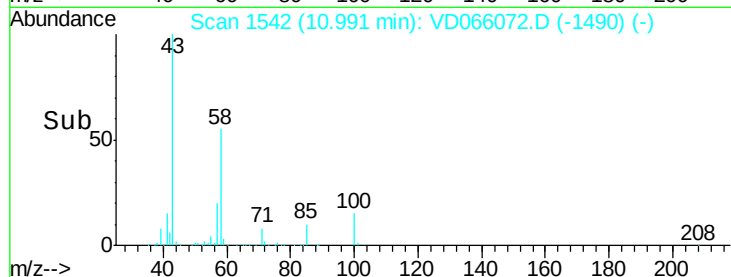
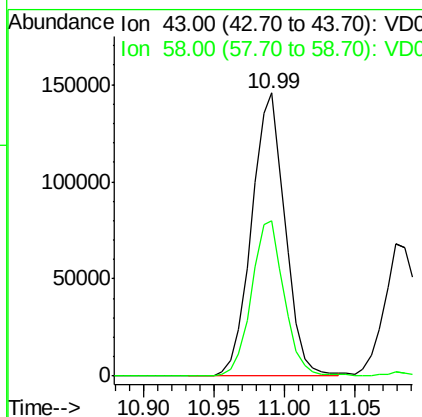
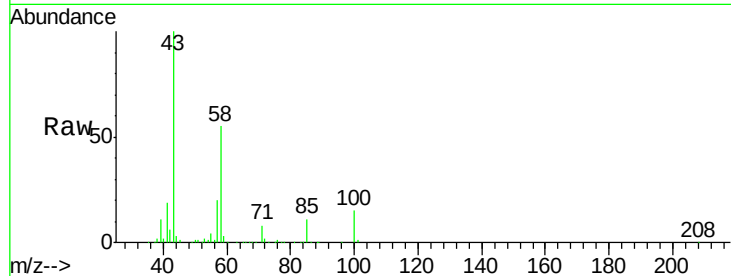
#59
2-Hexanone
Concen: 288.462 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 242915
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.6

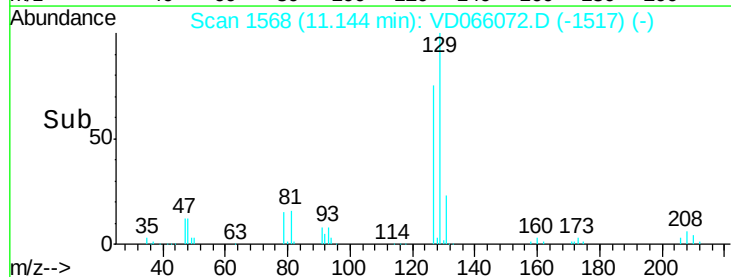
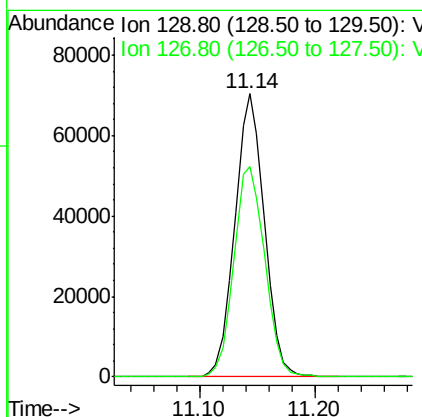
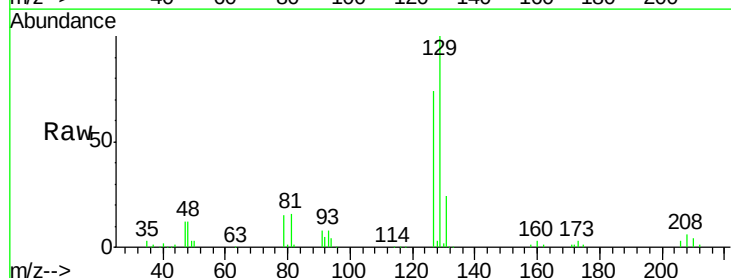
Manual Integrations
APPROVED

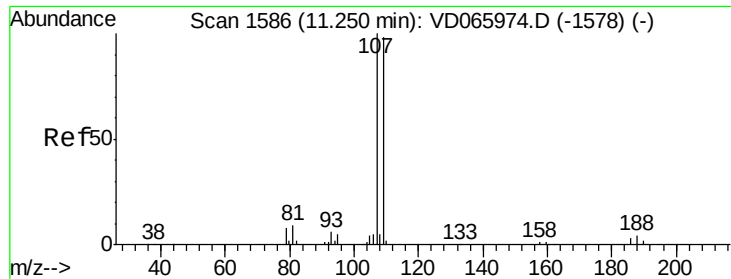
MMDadoda
7/29/2020 7:05:53 PM



#60
Dibromochloromethane
Concen: 55.158 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion: 129 Resp: 124396
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





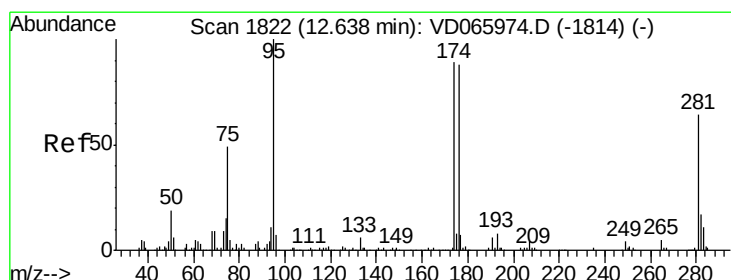
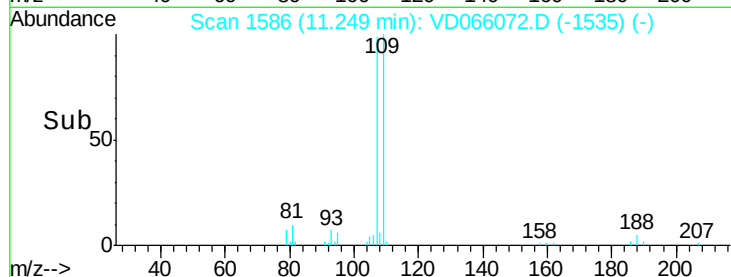
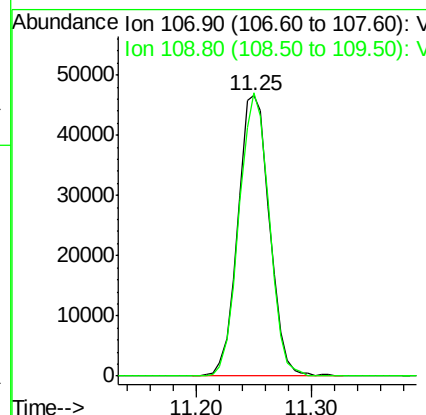
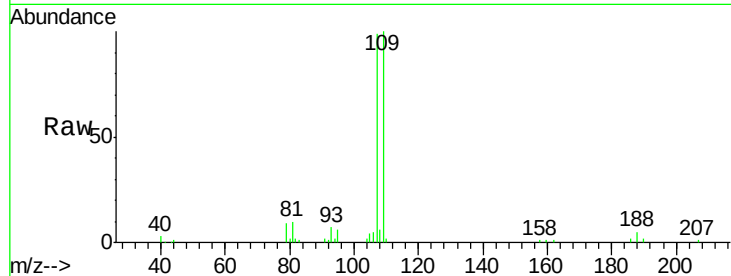
#61
 1,2-Dibromoethane
 Concen: 54.525 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 87935
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4

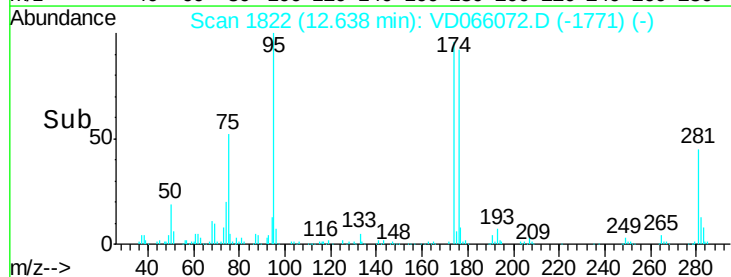
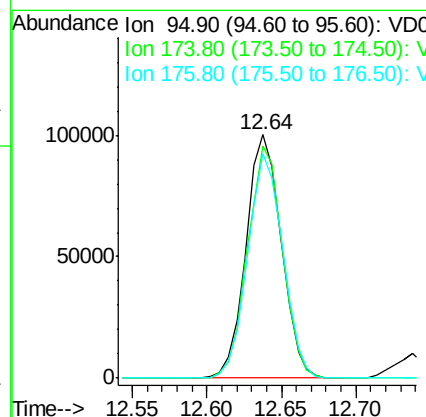
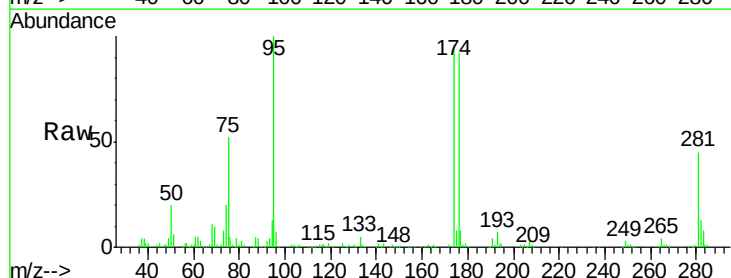
Manual Integrations
 APPROVED

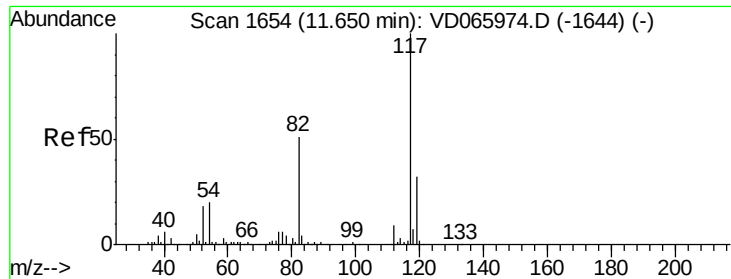
MMDadoda
 7/29/2020 7:05:53 PM



#62
 4-Bromofluorobenzene
 Concen: 55.073 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion: 95 Resp: 163465
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 178.8
 176 92.1 0.0 172.6





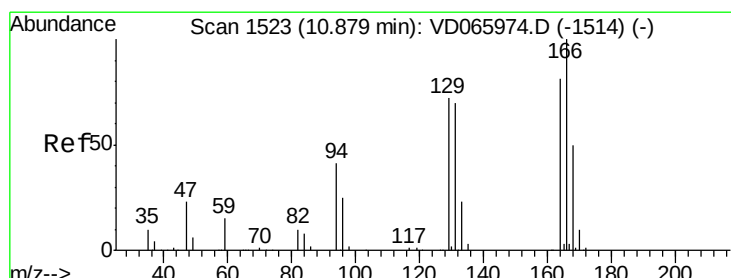
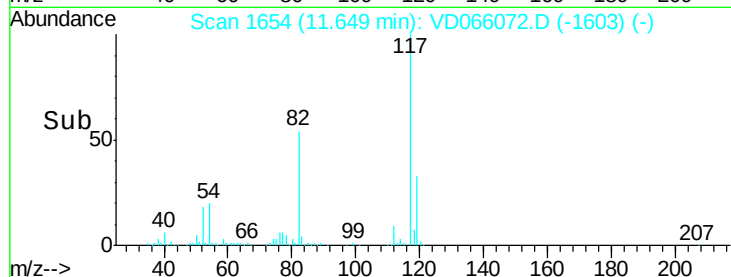
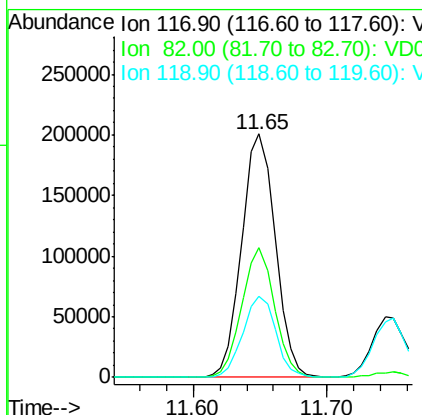
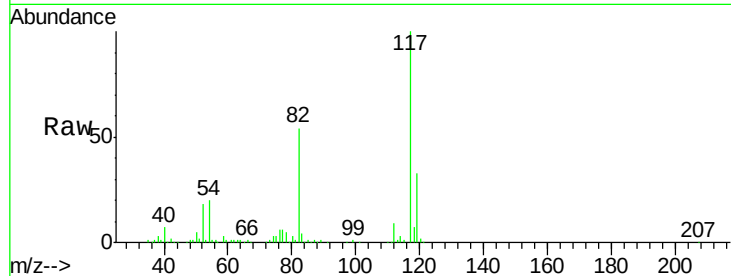
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350951		
82	53.5	41.1	61.7	
119	33.4	25.9	38.9	

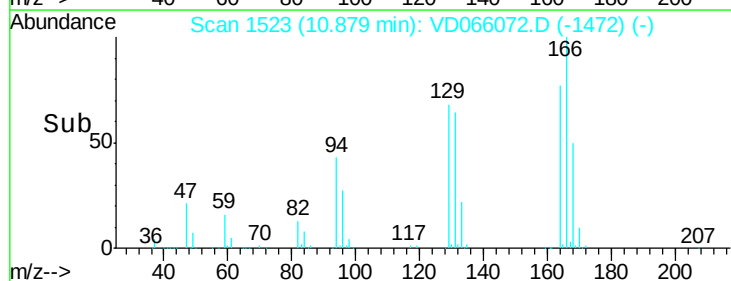
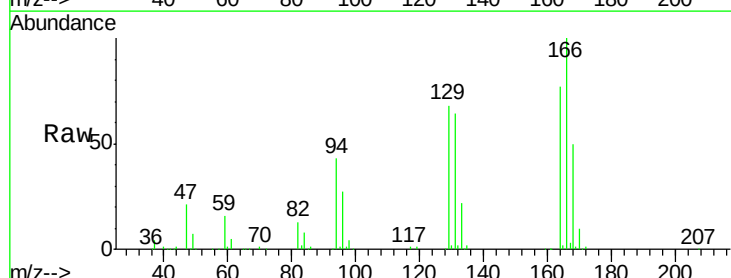
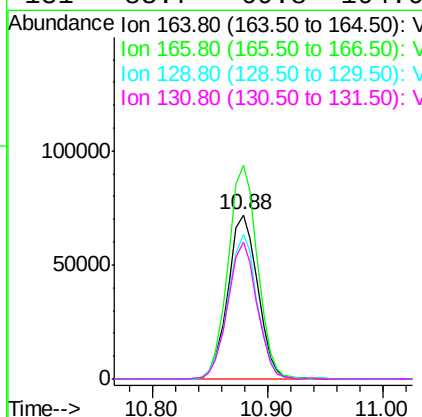
Manual Integrations
APPROVED

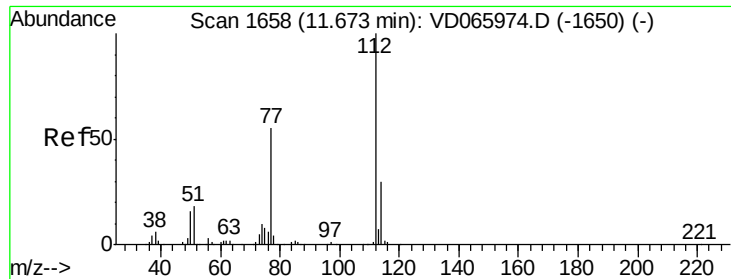
MMDadoda
7/29/2020 7:05:53 PM



#64
Tetrachloroethene
Concen: 54.061 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128775		
166	130.3	99.1	148.7	
129	88.0	71.5	107.3	
131	83.7	69.8	104.6	





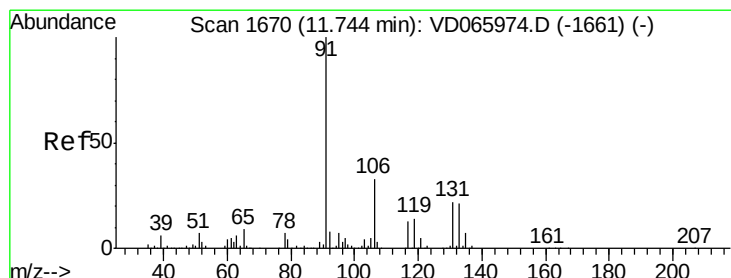
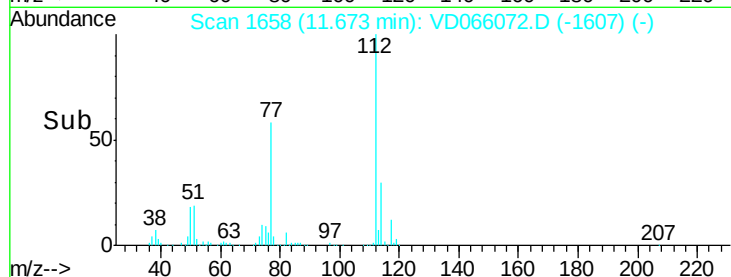
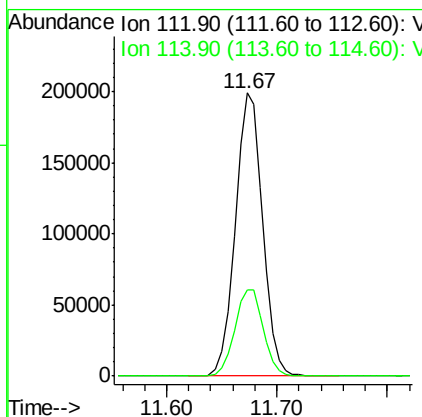
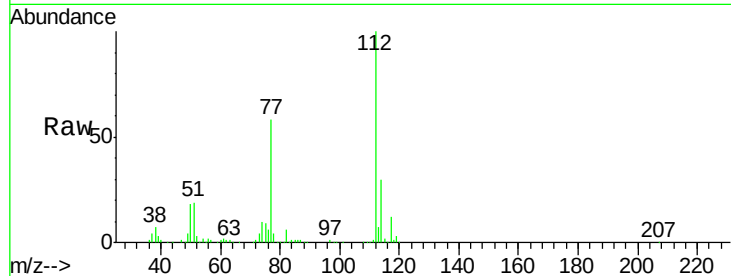
#65
Chlorobenzene
Concen: 53.519 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 343896
Ion Ratio Lower Upper
112 100
114 30.3 24.4 36.6

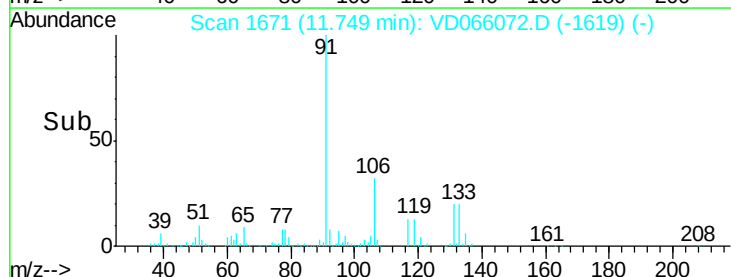
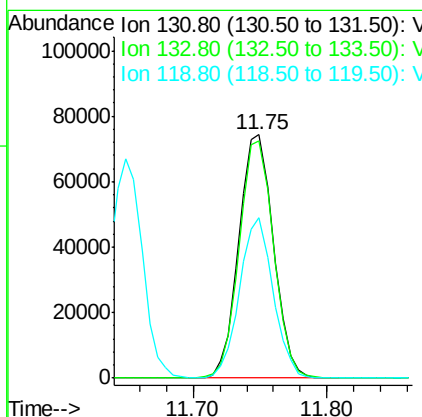
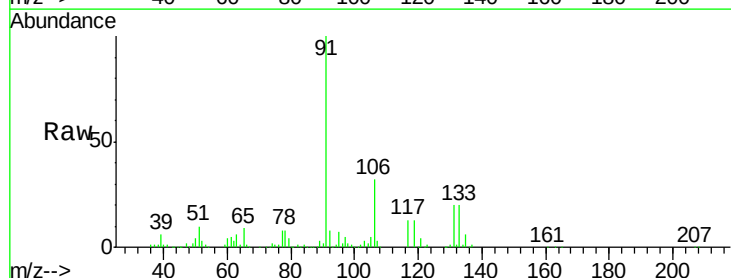
Manual Integrations
APPROVED

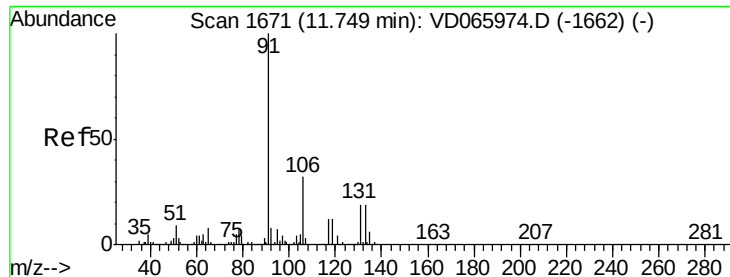
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.284 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion:131 Resp: 133542
Ion Ratio Lower Upper
131 100
133 96.8 47.3 142.0
119 63.7 31.7 95.1





#67

Ethyl Benzene

Concen: 55.089 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 609183

Ion Ratio Lower Upper

91 100

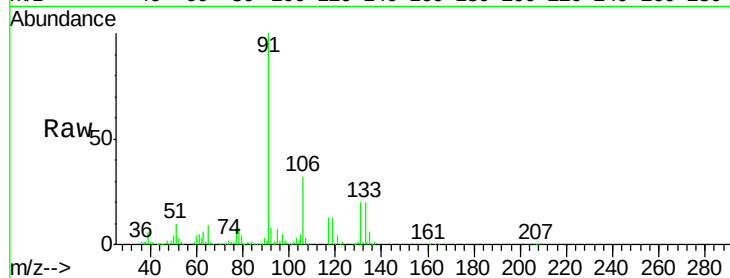
106 32.1 25.7 38.5

Manual Integrations

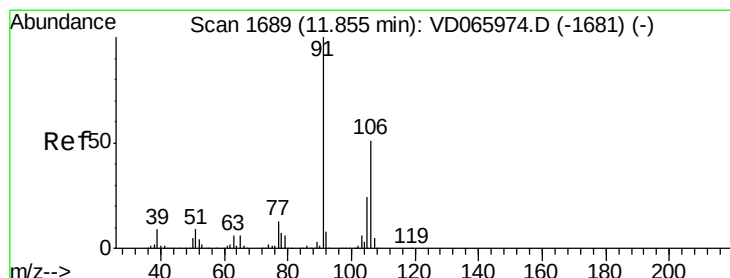
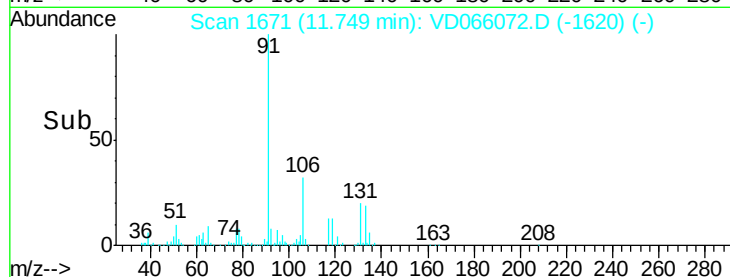
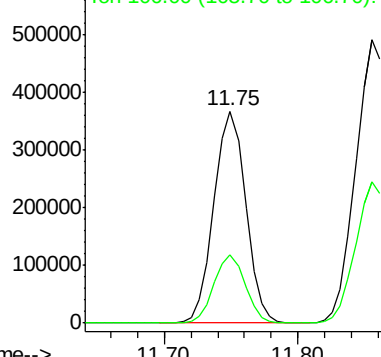
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Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 111.215 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066072.D

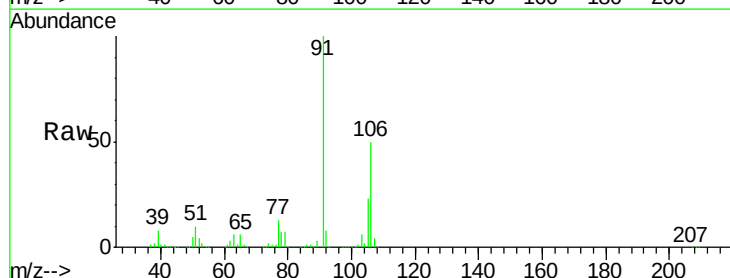
Acq: 28 Jul 2020 11:11

Tgt Ion: 106 Resp: 472697

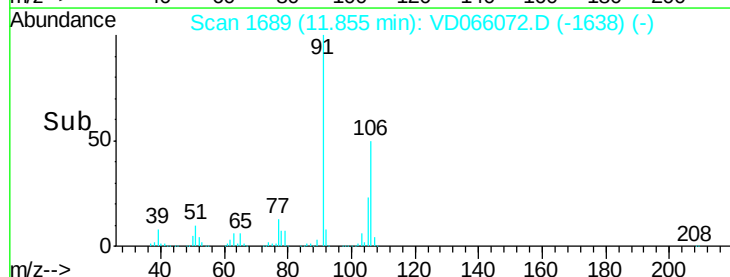
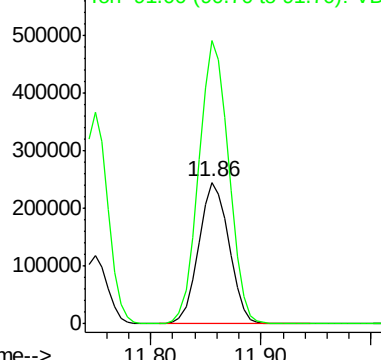
Ion Ratio Lower Upper

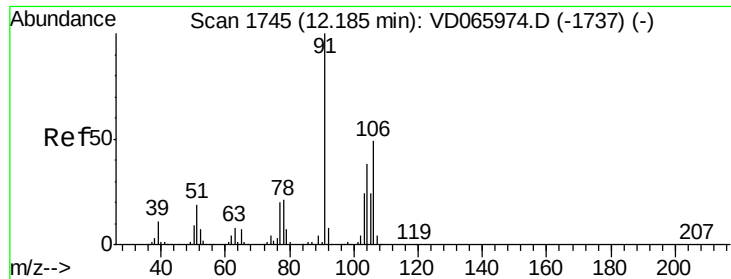
106 100

91 197.9 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V





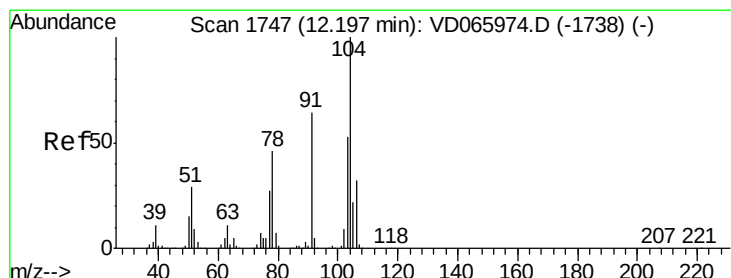
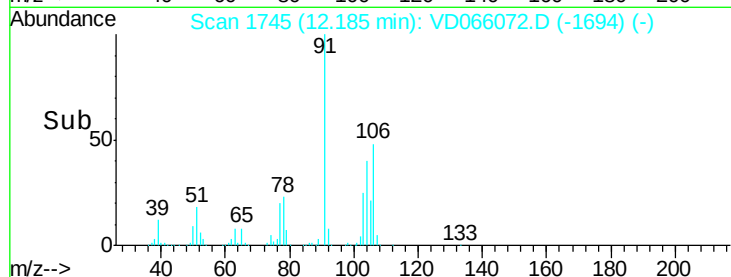
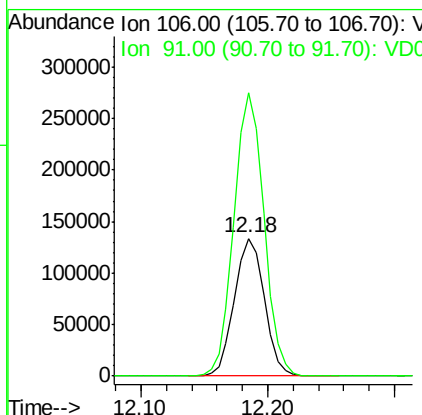
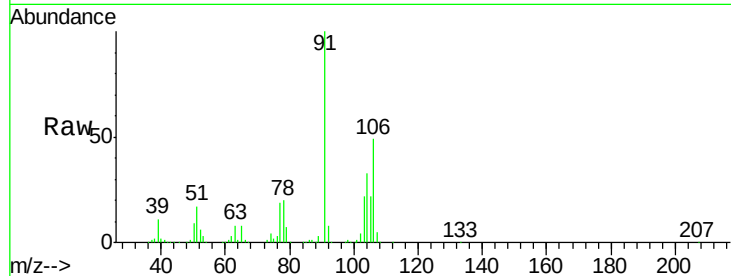
#69
o-Xylene
Concen: 56.547 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	218600		
91	205.8	103.1	309.3	

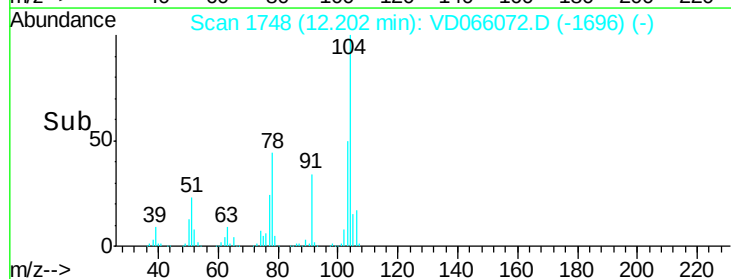
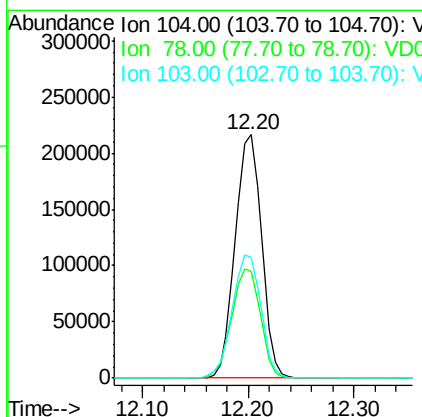
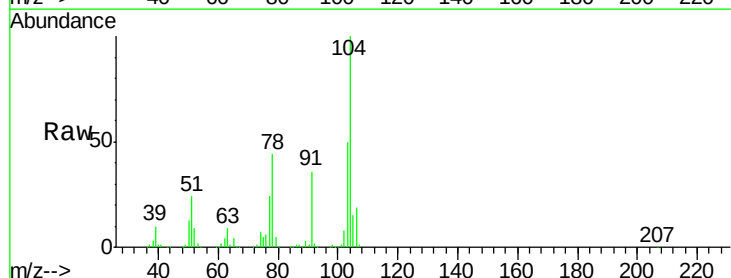
Manual Integrations
APPROVED

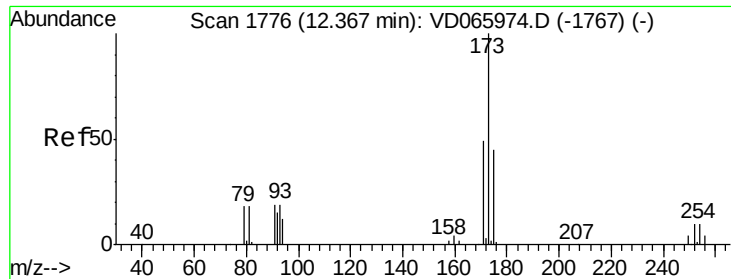
MMDadoda
7/29/2020 7:05:53 PM



#70
Styrene
Concen: 56.468 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	375063		
78	48.8	38.3	57.5	
103	54.8	43.8	65.8	





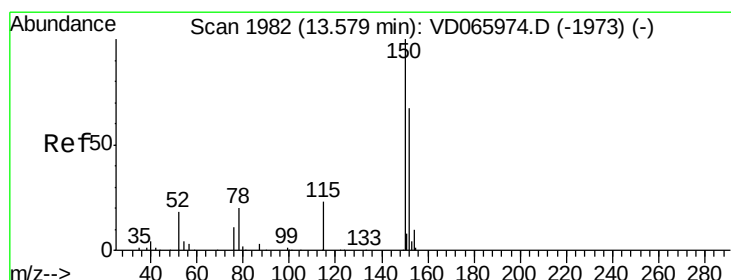
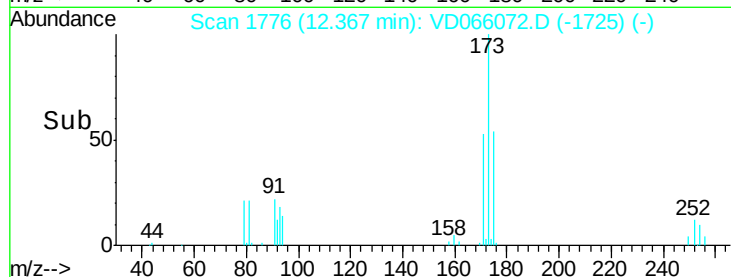
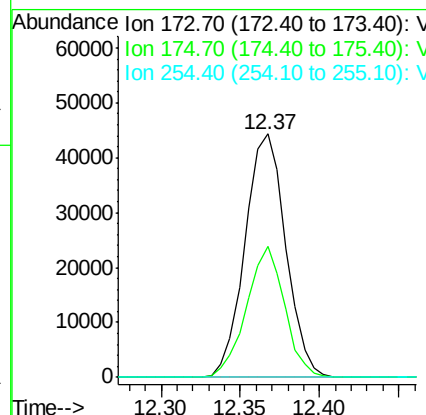
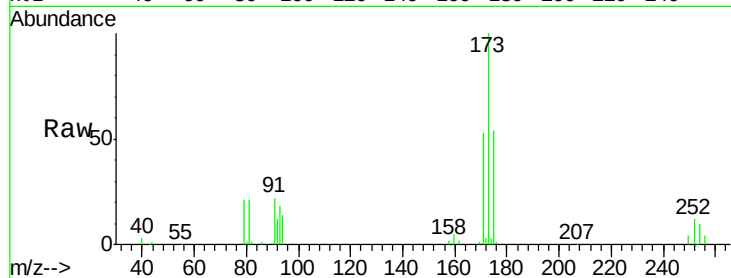
#71
Bromoform
Concen: 57.108 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.1	72.3
254	0.0	0.0	0.0

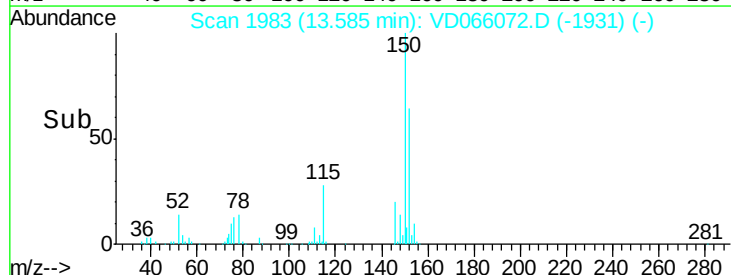
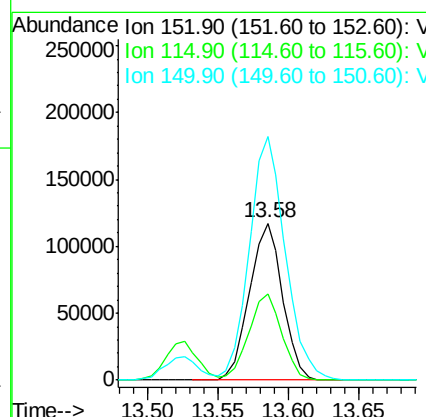
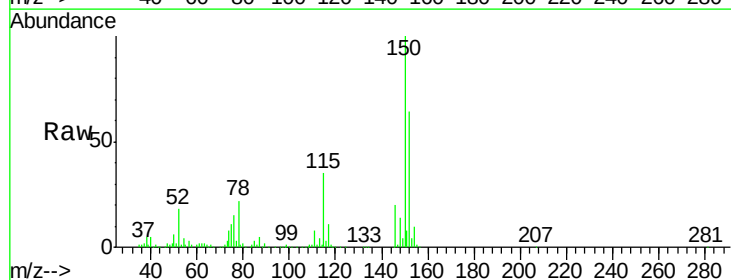
Manual Integrations
APPROVED

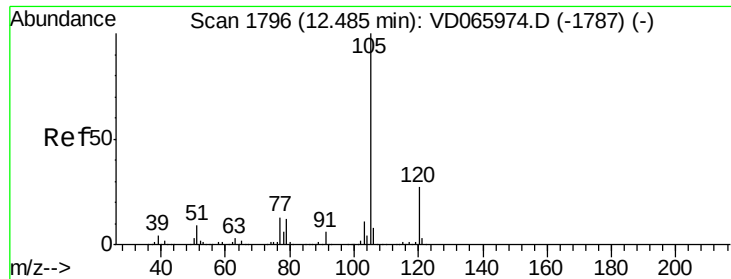
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.9	83.7
150	168.7	0.0	348.2





#73

Isopropylbenzene

Concen: 52.844 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 615230

Ion Ratio Lower Upper

105 100

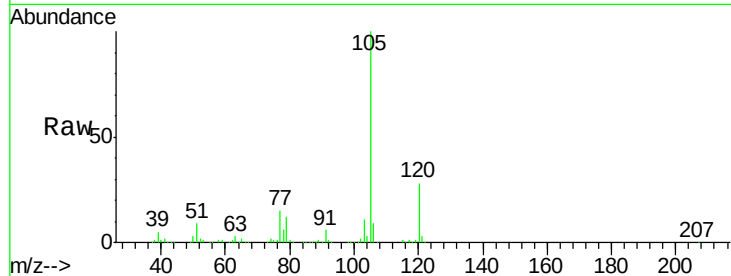
120 27.2 13.6 40.8

Manual Integrations

APPROVED

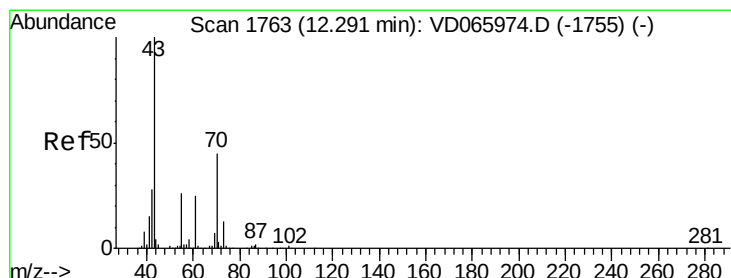
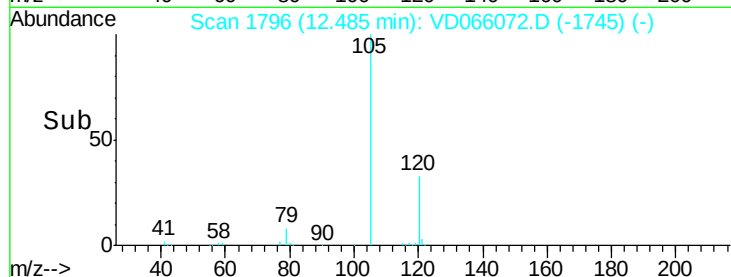
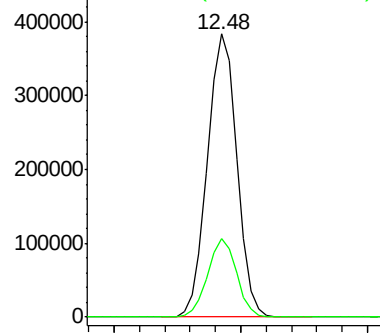
MMDadoda

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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: 50.125 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion: 43 Resp: 120997

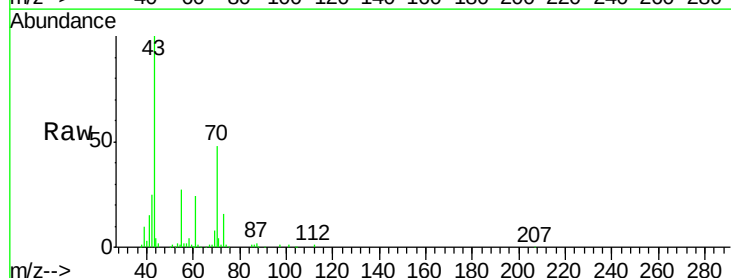
Ion Ratio Lower Upper

43 100

70 44.3 34.6 51.8

55 26.2 20.3 30.5

61 25.2 19.5 29.3

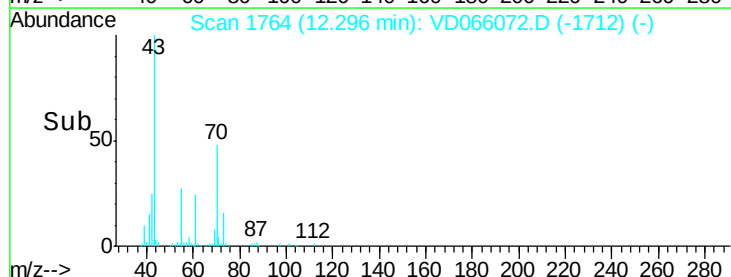
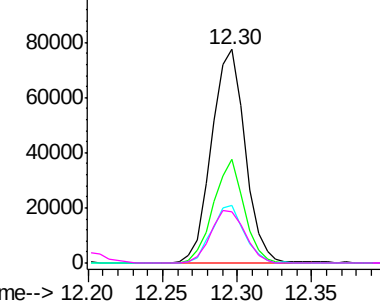


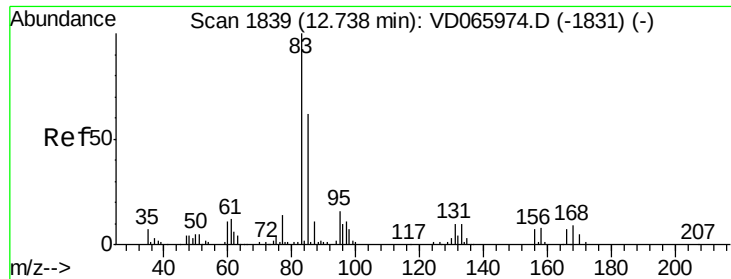
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.490 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

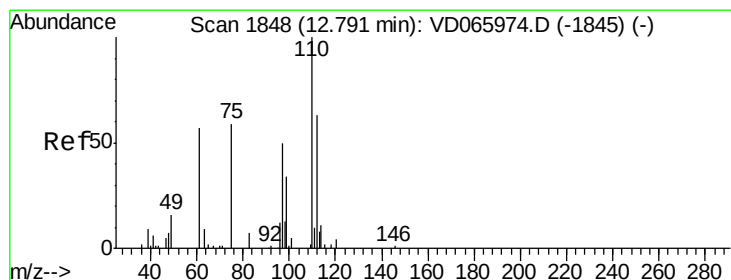
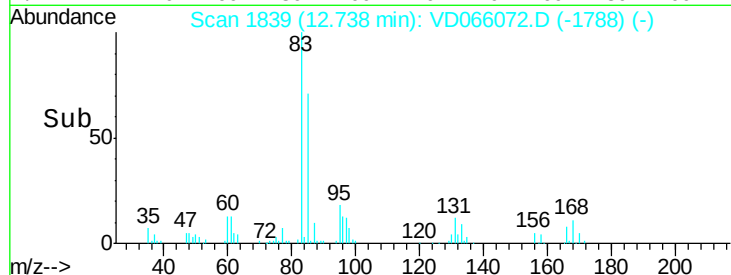
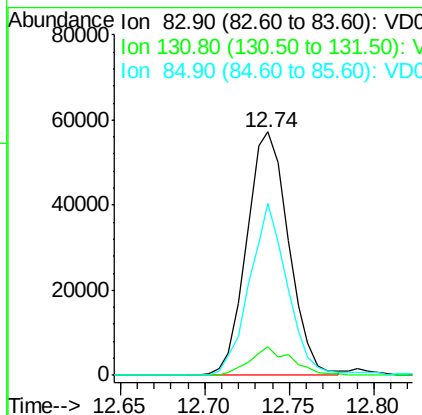
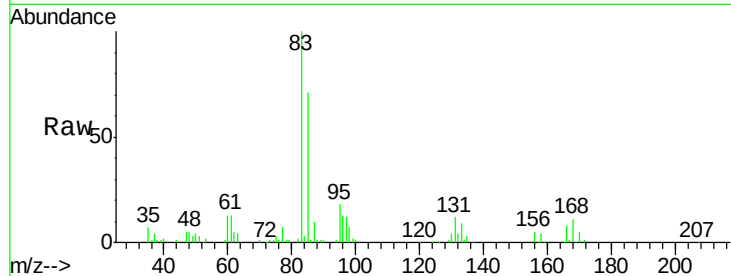
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	99069
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.7	17.1
85	63.7	31.9	95.5

Manual Integrations
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7/29/2020 7:05:53 PM



#76

1,2,3-Trichloropropane

Concen: 51.963 ug/l m

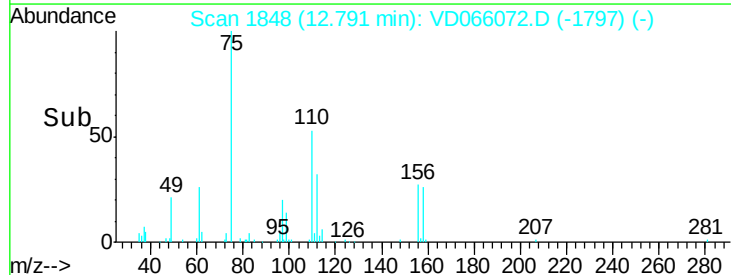
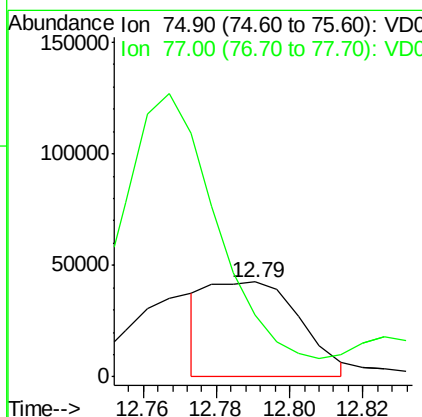
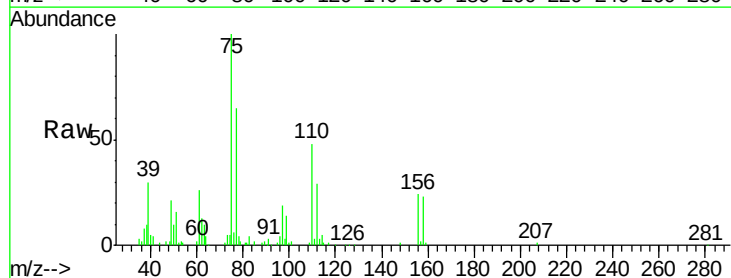
RT: 12.79 min Scan# 1848

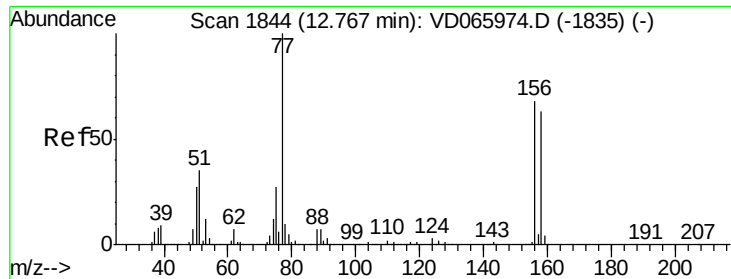
Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion:	75	Resp:	75279
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.497 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

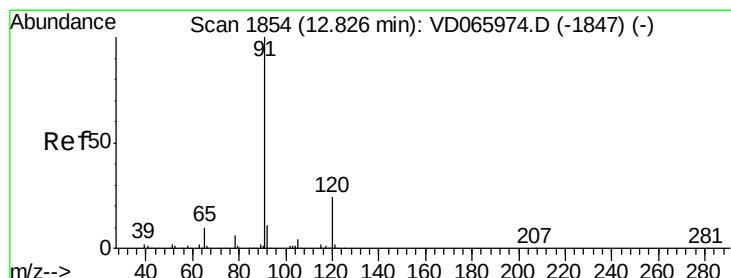
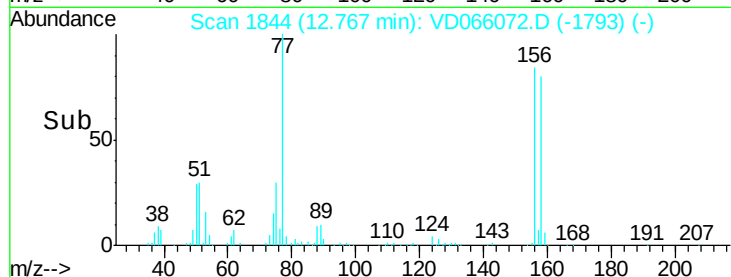
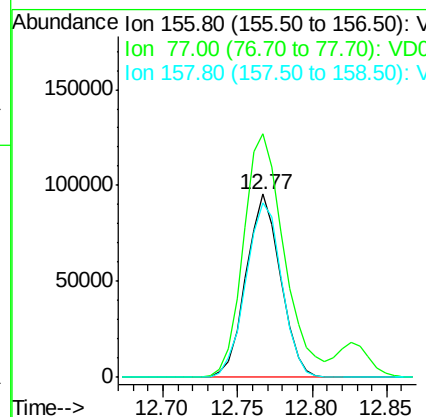
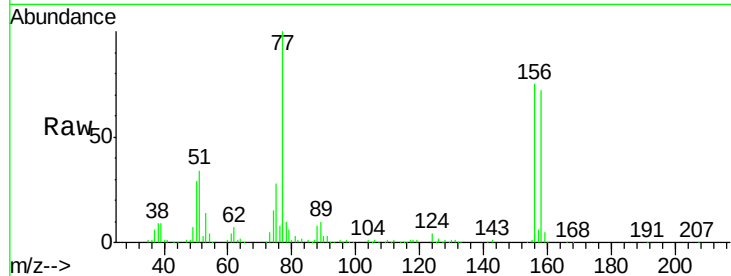
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	156.3	83.0	249.0
158	98.3	48.2	144.6

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#78

n-propylbenzene

Concen: 52.940 ug/l

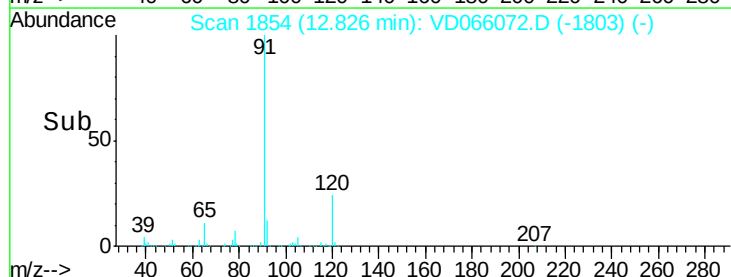
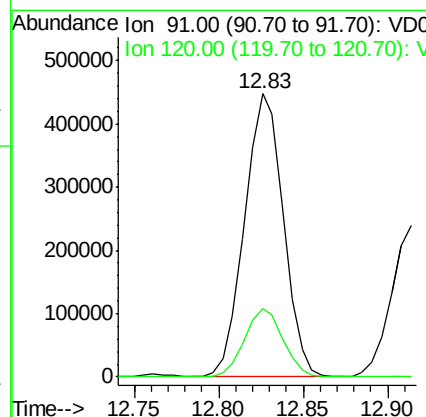
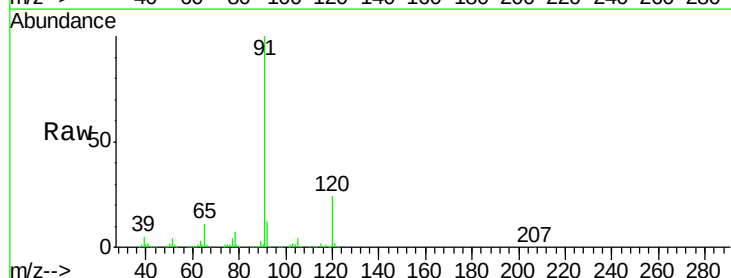
RT: 12.83 min Scan# 1854

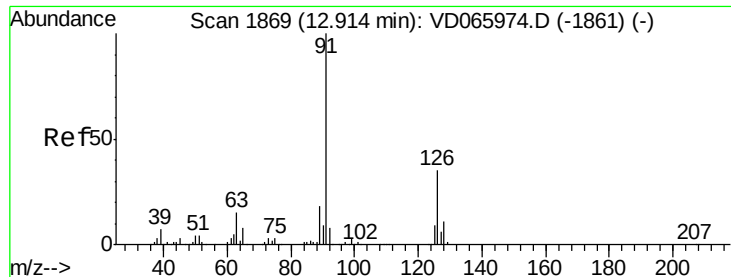
Delta R.T. -0.00 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0





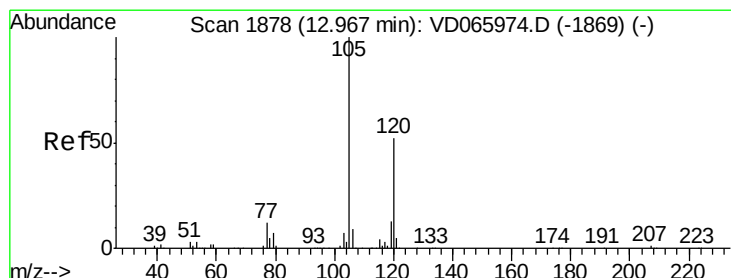
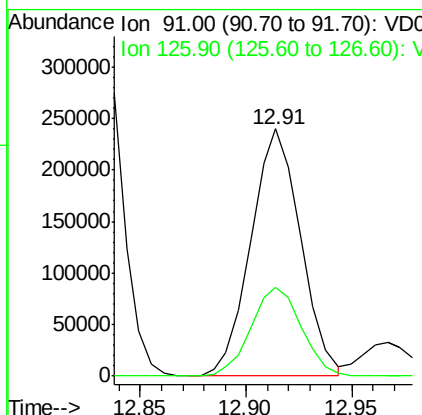
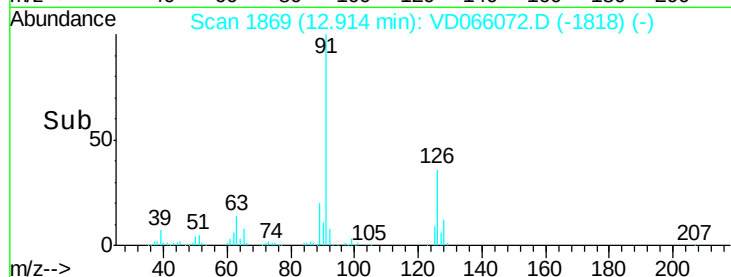
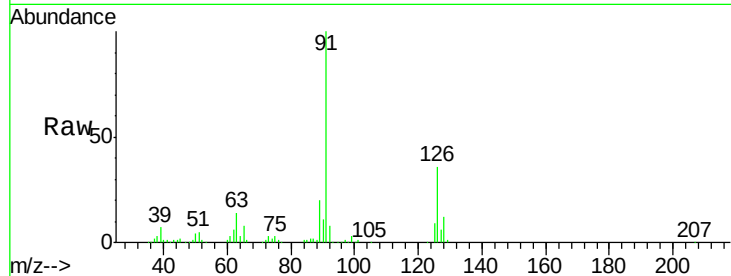
#79
2-Chlorotoluene
Concen: 50.816 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 392209
Ion Ratio Lower Upper
91 100
126 36.5 17.7 53.1

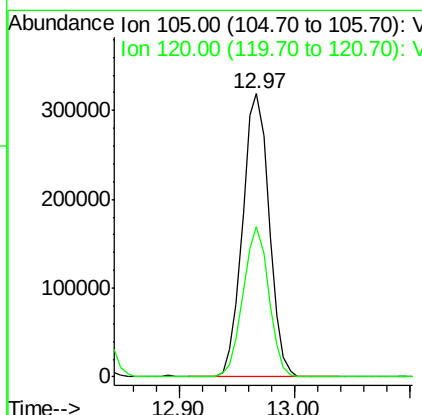
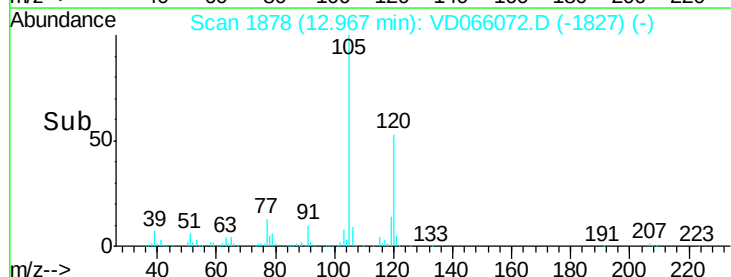
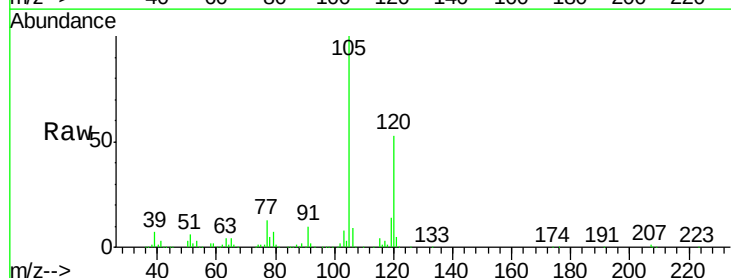
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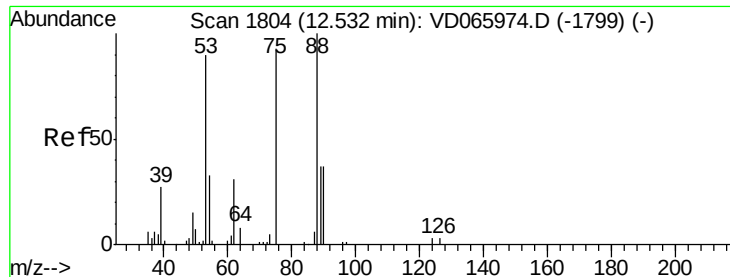
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 53.370 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion: 105 Resp: 510489
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.327 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Instrument :

MSVOA_D

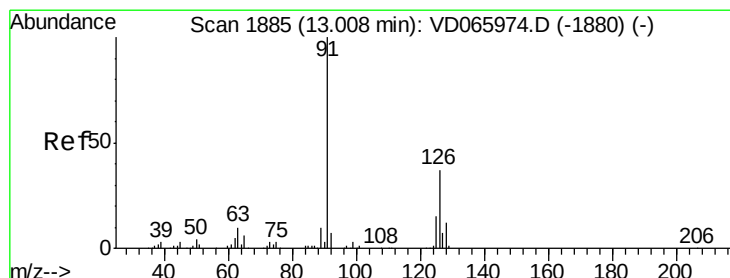
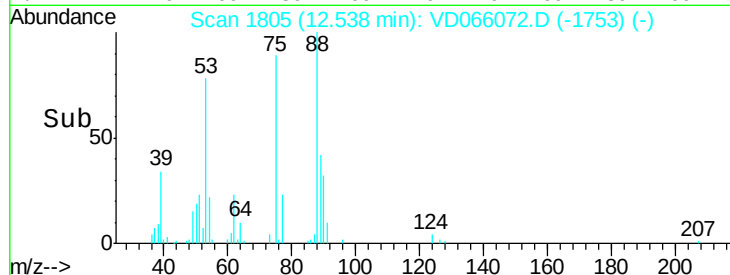
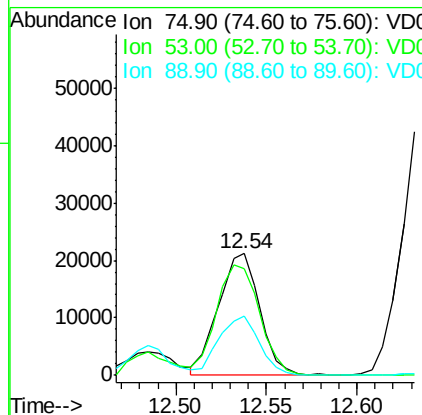
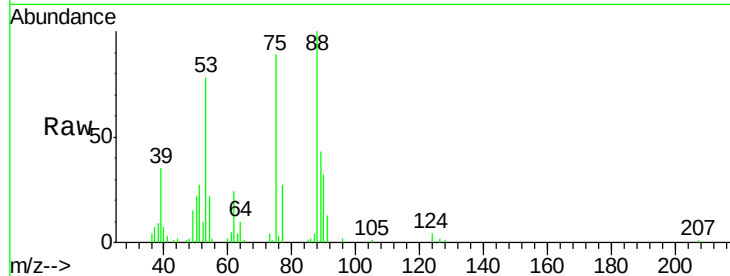
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	33667
Ion	Ratio	Lower	Upper
75	100		
53	94.8	76.8	115.2
89	47.9	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.316 ug/l

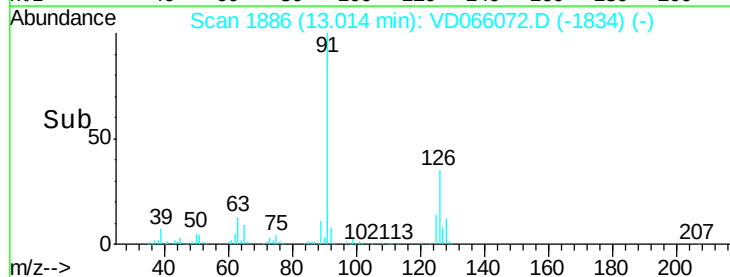
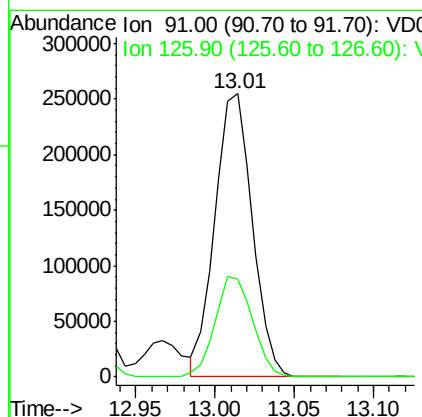
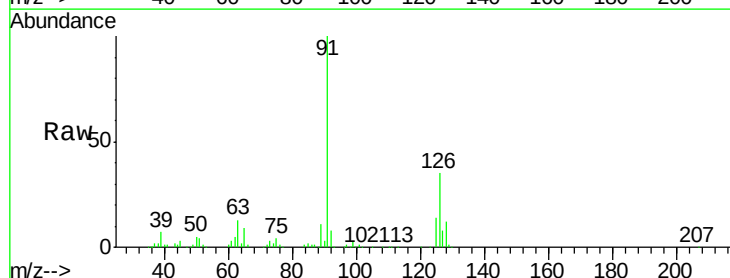
RT: 13.01 min Scan# 1886

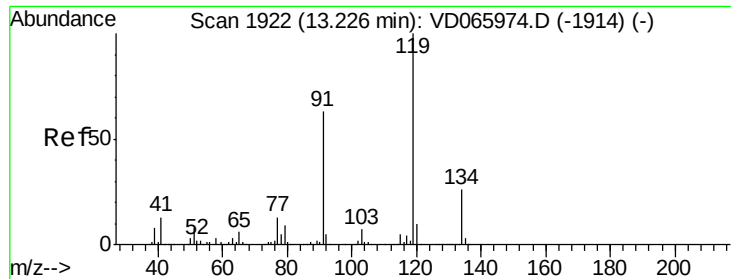
Delta R.T. 0.01 min

Lab File: VD066072.D

Acq: 28 Jul 2020 11:11

Tgt Ion:	91	Resp:	418054
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.5





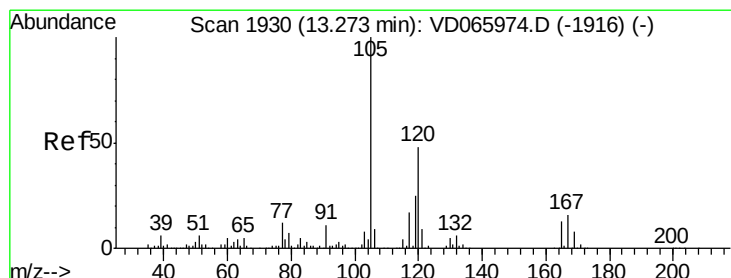
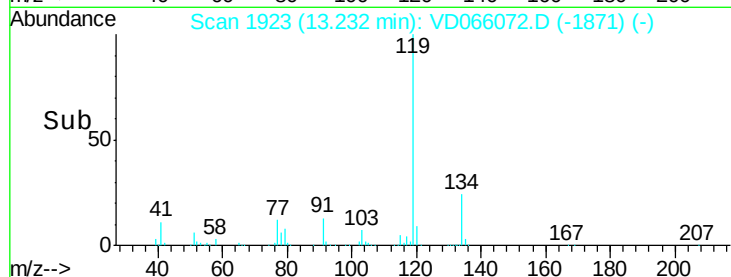
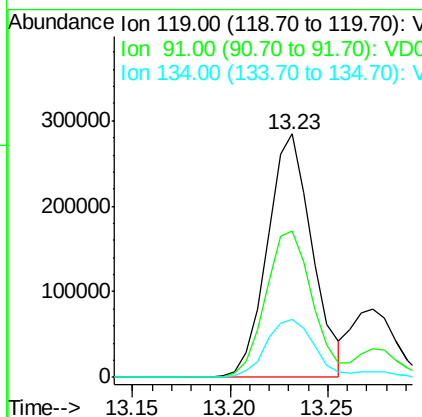
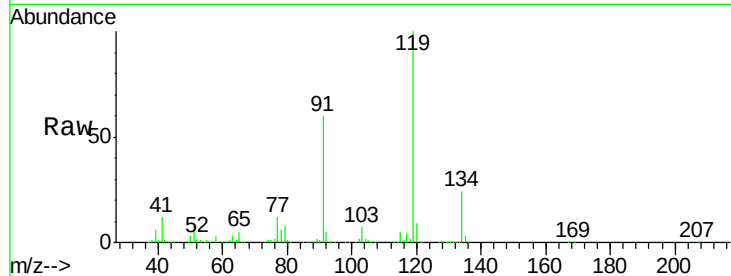
#83
 tert-Butylbenzene
 Concen: 54.107 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	452880		
91	63.4	30.6	91.6	
134	25.5	13.9	41.7	

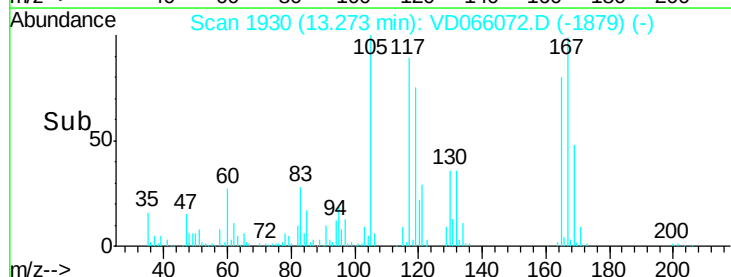
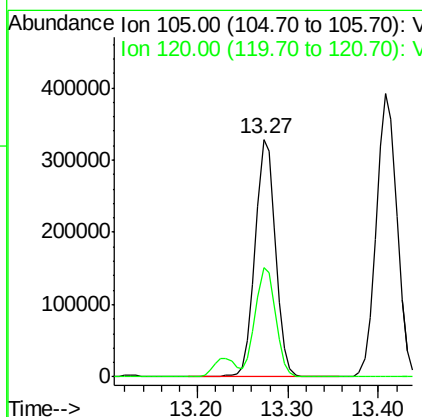
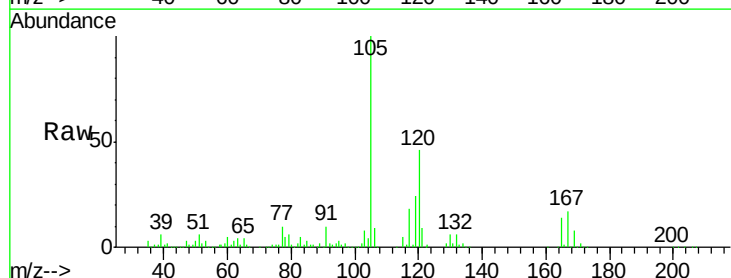
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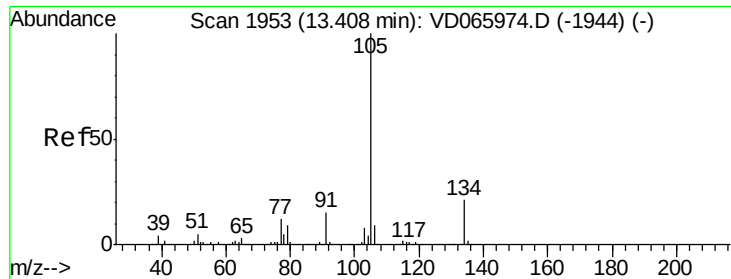
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.319 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	512592		
120	46.2	23.9	71.8	





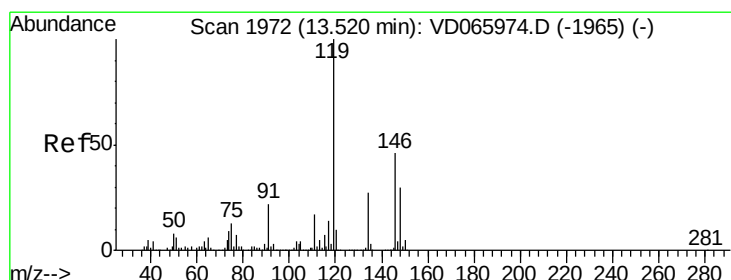
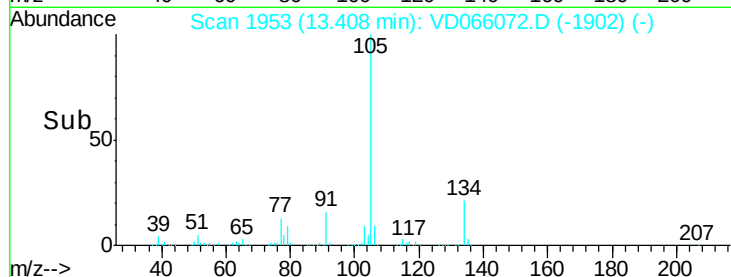
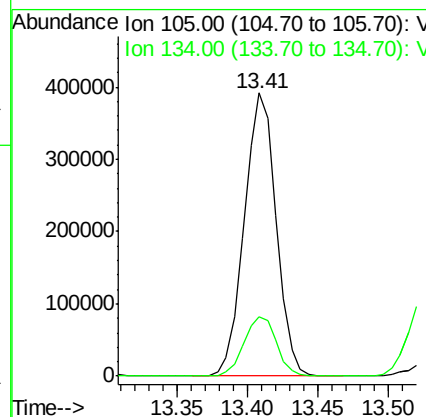
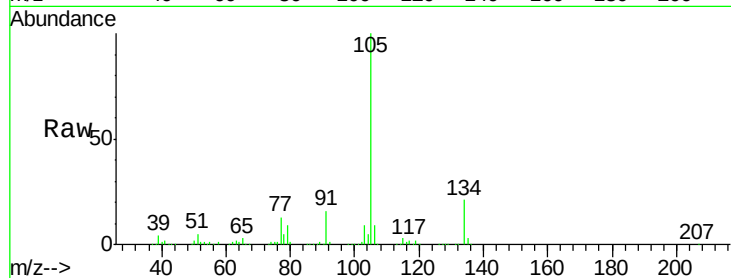
#85
 sec-Butylbenzene
 Concen: 53.558 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.4	31.4

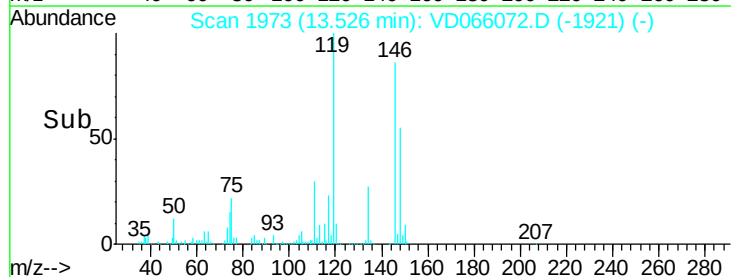
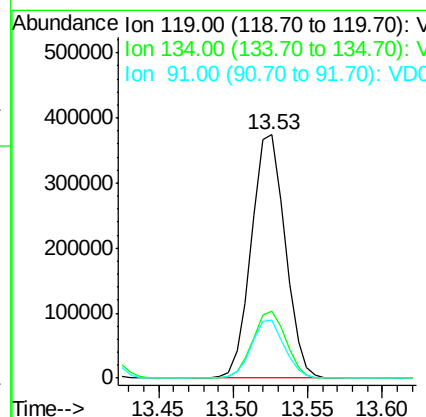
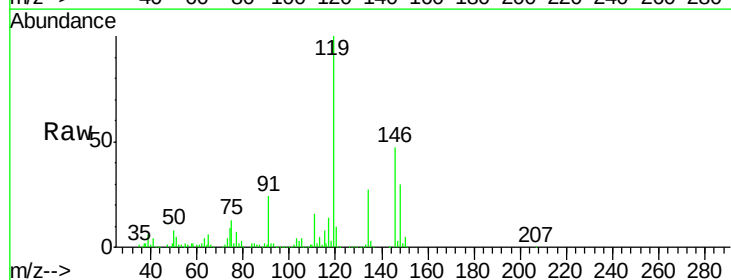
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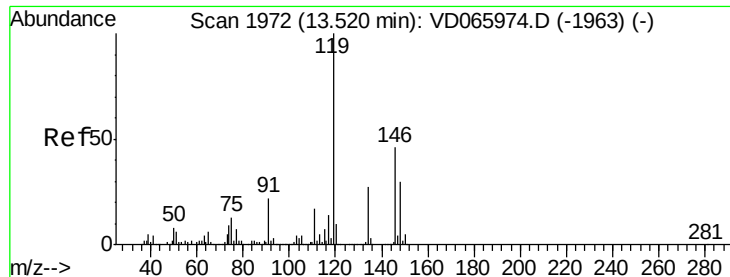
MMDadoda
 7/29/2020 7:05:53 PM



#86
 p-Isopropyltoluene
 Concen: 55.791 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	23.2	11.1	33.3





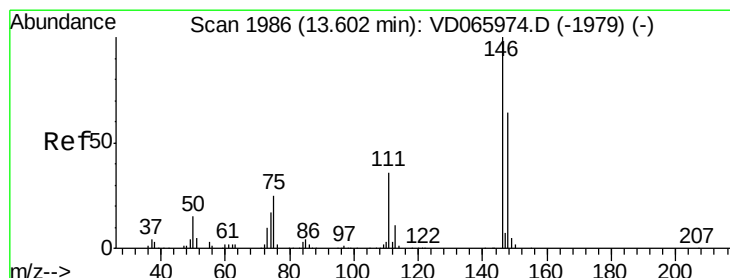
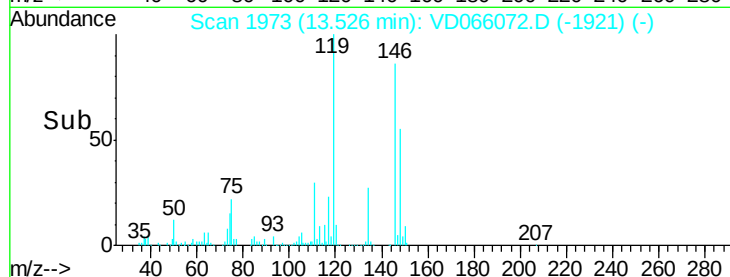
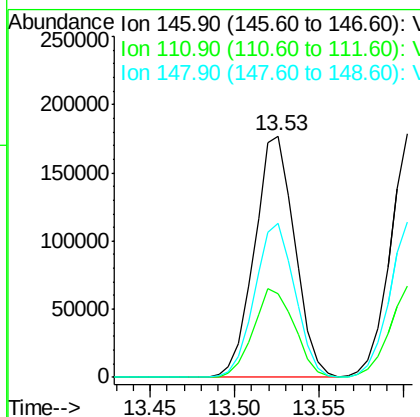
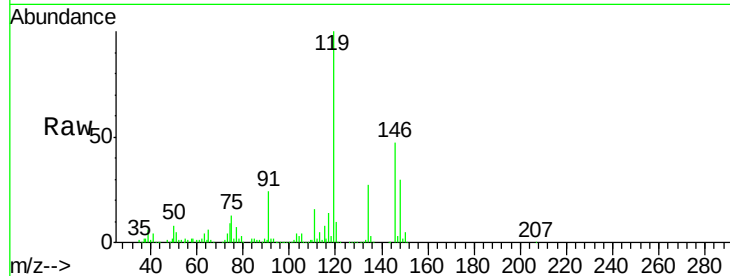
#87
 1,3-Dichlorobenzene
 Concen: 53.000 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292775		
111	37.6	18.6	55.6	
148	63.7	32.4	97.0	

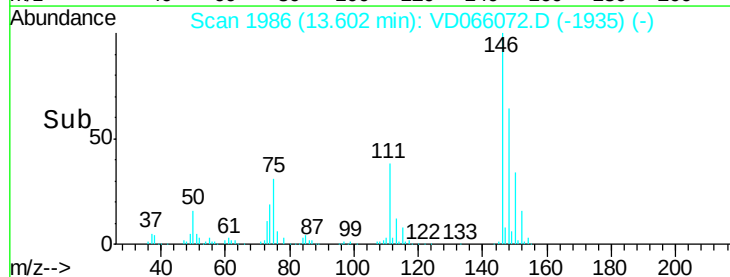
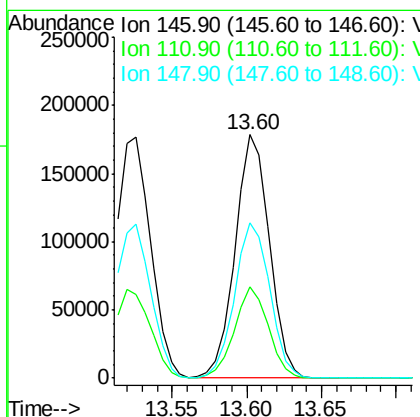
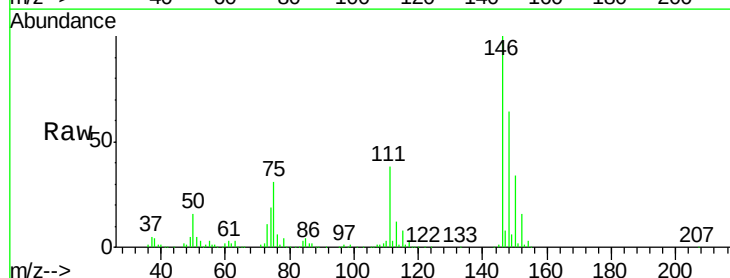
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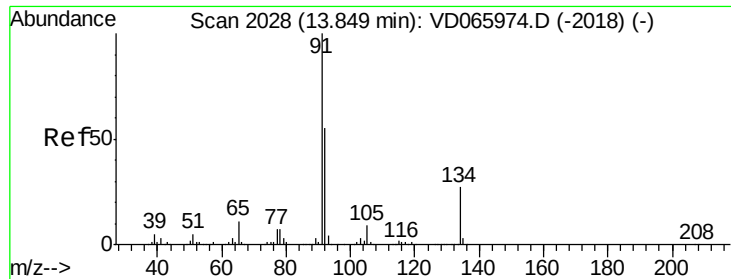
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#88
 1,4-Dichlorobenzene
 Concen: 51.061 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	285148		
111	37.1	18.8	56.4	
148	65.7	32.2	96.6	





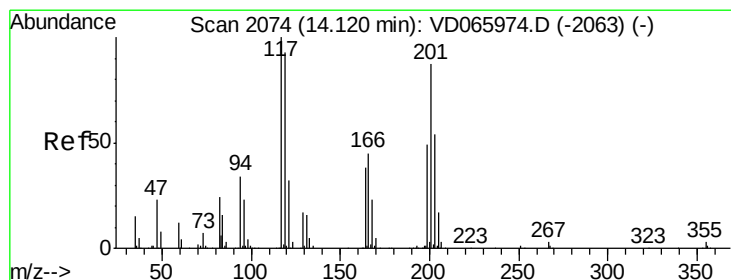
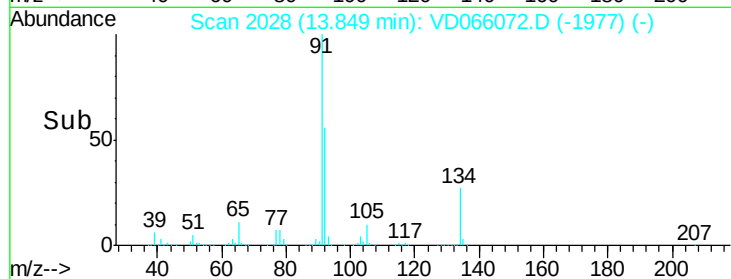
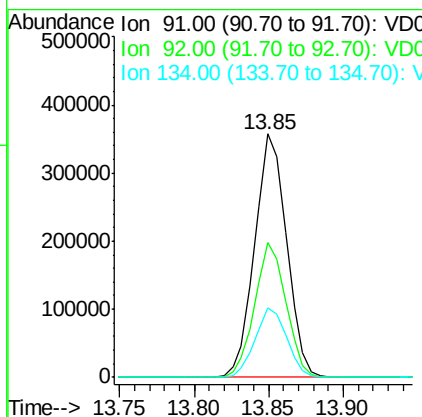
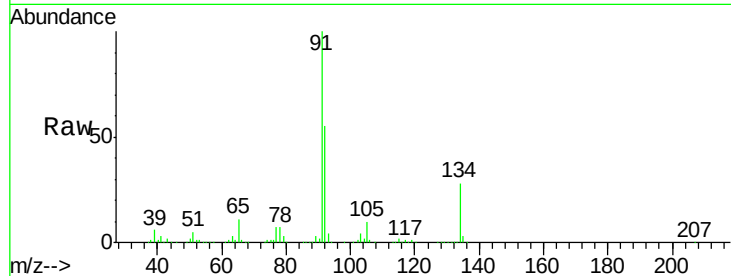
#89
n-Butylbenzene
Concen: 54.046 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	28.5	13.8	41.4

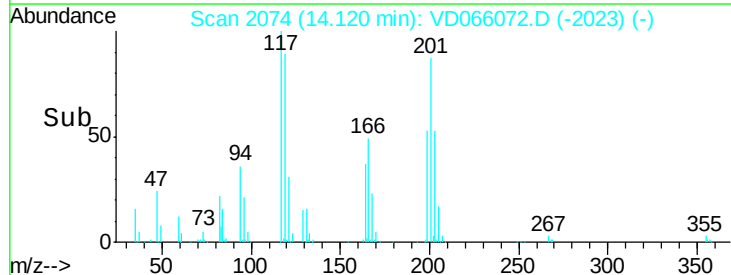
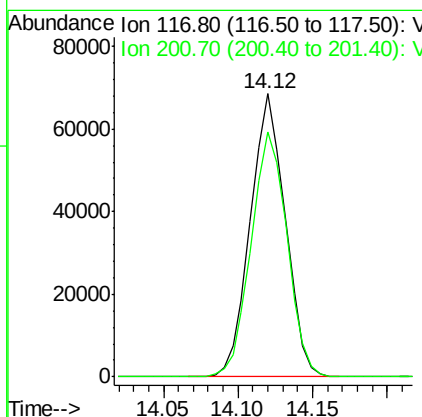
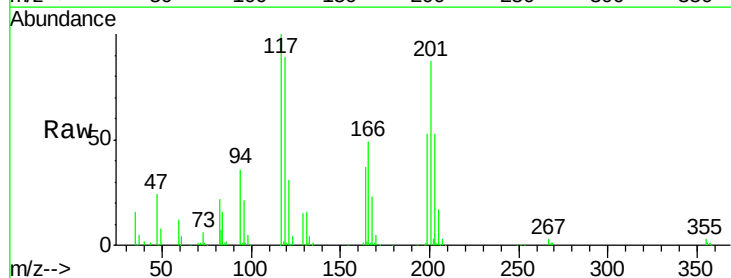
Manual Integrations
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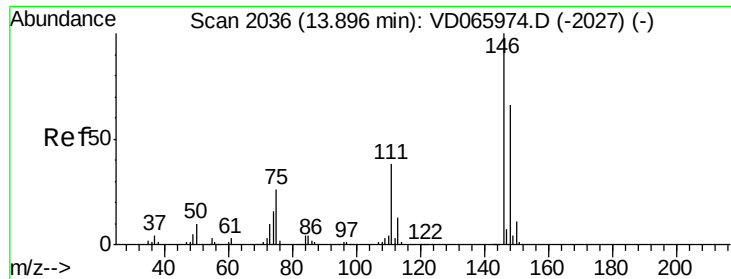
MMDadoda
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#90
Hexachloroethane
Concen: 51.239 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	42.0	126.1





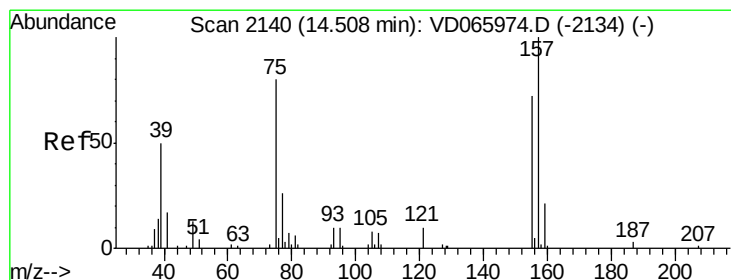
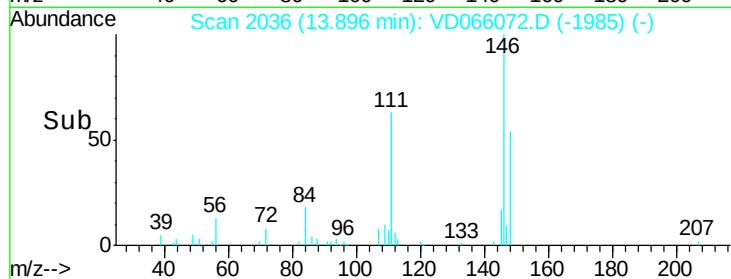
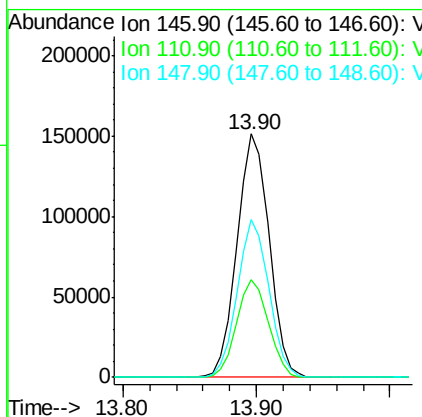
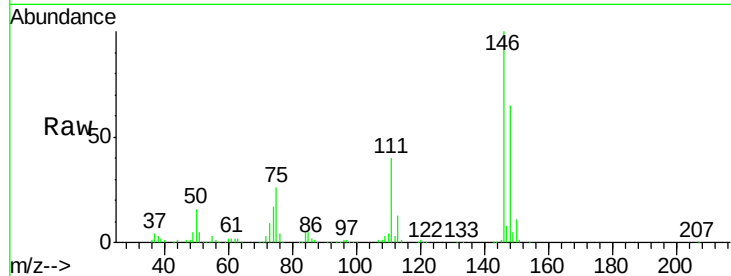
#91
 1,2-Dichlorobenzene
 Concen: 52.680 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	252169		
111	39.6	19.3	57.9	
148	63.7	32.7	98.1	

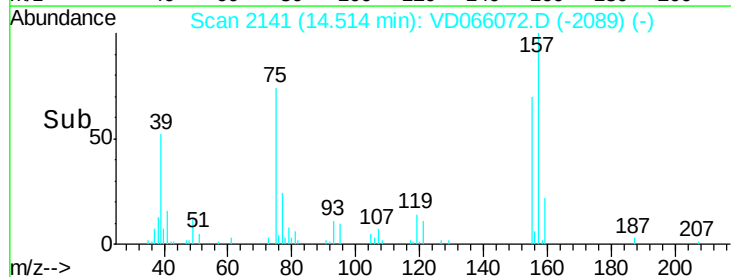
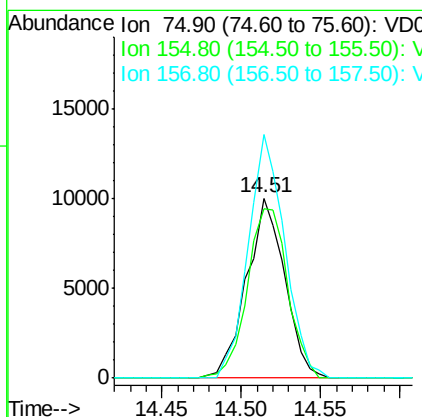
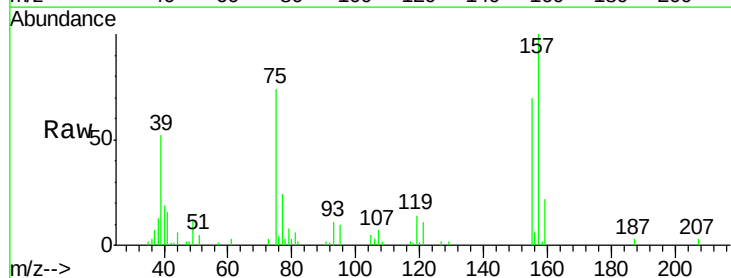
Manual Integrations
 APPROVED

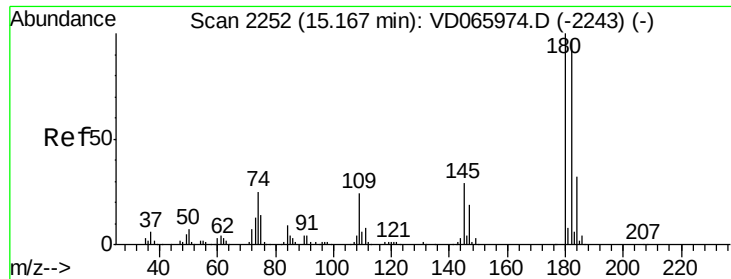
MMDadoda
 7/29/2020 7:05:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.271 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16798		
155	99.9	48.5	145.5	
157	129.2	64.7	194.1	





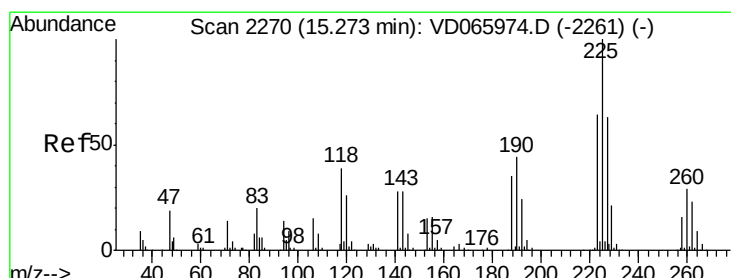
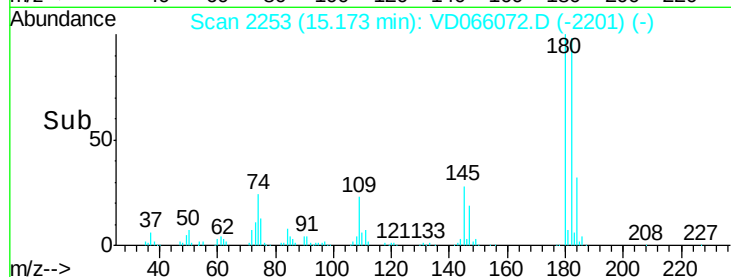
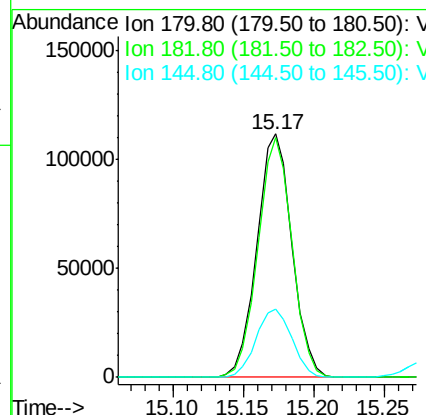
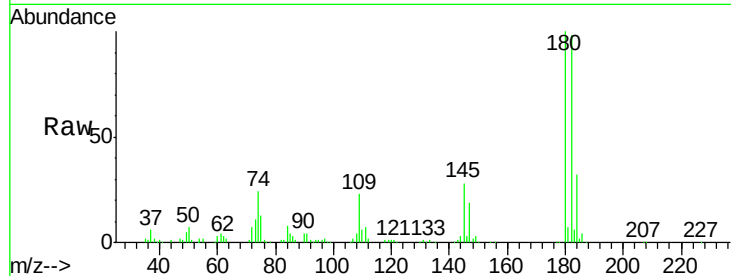
#93
 1,2,4-Trichlorobenzene
 Concen: 56.573 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194381		
182	95.6	48.1	144.3	
145	29.0	14.7	44.1	

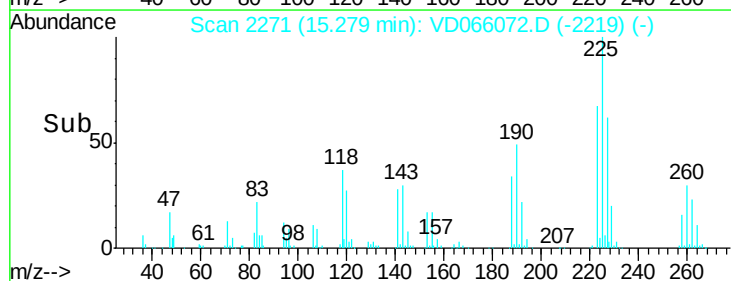
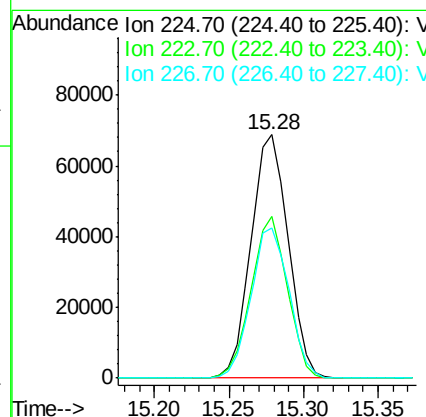
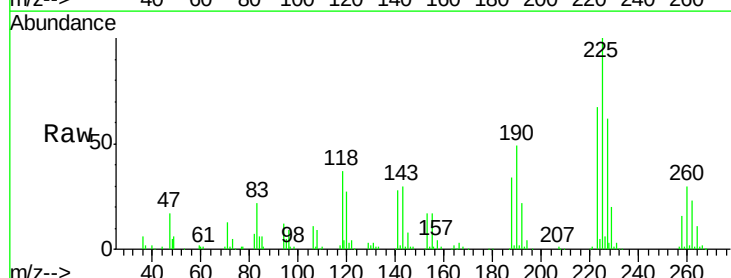
Manual Integrations
 APPROVED

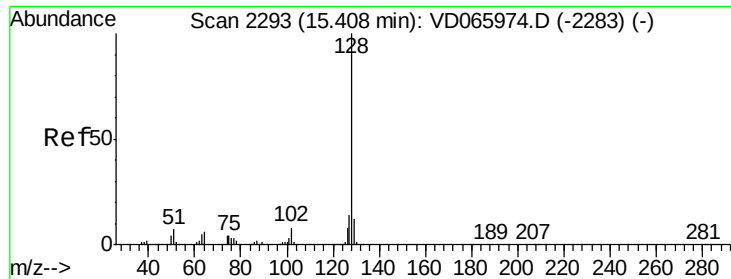
MMDadoda
 7/29/2020 7:05:53 PM



#94
 Hexachlorobutadiene
 Concen: 55.784 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066072.D
 Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118497		
223	64.7	31.2	93.6	
227	63.3	31.6	94.8	





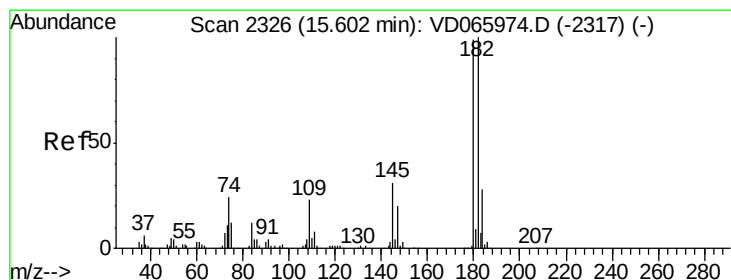
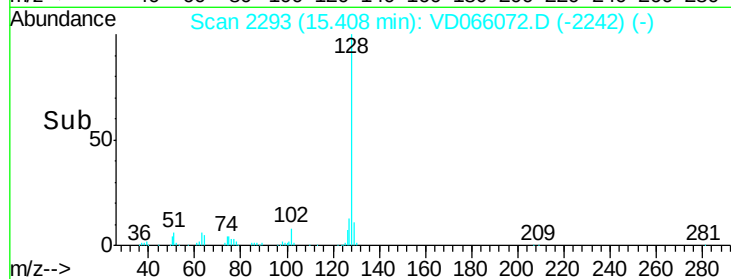
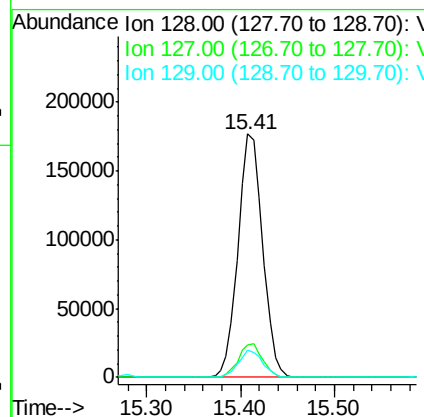
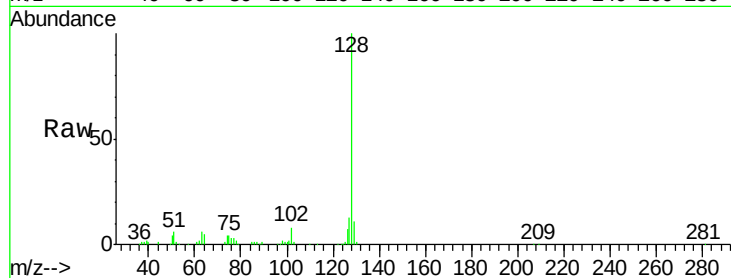
#95
Naphthalene
Concen: 52.462 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	321703		
127	13.6	10.8	16.2	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

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7/29/2020 7:05:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.303 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066072.D
Acq: 28 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168178		
182	96.6	47.9	143.6	
145	31.0	15.4	46.2	

