

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD065993.D
 Acq On : 22 Jul 2020 10:02
 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
 7/23/2020 2:14:29 PM

Quant Time: Jul 22 15:47:13 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	7.98	168	373623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	153023	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.91	113	165235	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.34	98	648881	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.64	95	213621	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	131209	46.275	ug/l	96
3) Chloromethane	2.21	50	104646	45.225	ug/l	100
4) Vinyl Chloride	2.35	62	107647	48.852	ug/l	99
5) Bromomethane	2.77	94	75205	48.365	ug/l	97
6) Chloroethane	2.93	64	65708	49.953	ug/l	96
7) Trichlorofluoromethane	3.27	101	270675	50.502	ug/l	99
8) Diethyl Ether	3.70	74	70184	47.374	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	163230	50.438	ug/l	98
10) Methyl Iodide	4.30	142	165222	50.445	ug/l	97
11) Tert butyl alcohol	5.20	59	40832	209.040	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	155597	50.369	ug/l	91
13) Acrolein	3.92	56	60845	237.548	ug/l	100
14) Allyl chloride	4.71	41	239724	49.644	ug/l	98
15) Acrylonitrile	5.42	53	152816	241.447	ug/l	98
16) Acetone	4.16	43	176710	287.162	ug/l	97
17) Carbon Disulfide	4.40	76	487507	48.652	ug/l	97
18) Methyl Acetate	4.71	43	64834	45.290	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	314229	49.508	ug/l	95
20) Methylene Chloride	4.96	84	172180	50.640	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	174691	50.035	ug/l	97
22) Diisopropyl ether	6.36	45	464239	50.604	ug/l	98
23) Vinyl Acetate	6.30	43	1333062	257.653	ug/l	98
24) 1,1-Dichloroethane	6.27	63	278112	50.032	ug/l	97
25) 2-Butanone	7.21	43	209539	256.618	ug/l	99
26) 2,2-Dichloropropane	7.21	77	257008	51.415	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	182955	49.493	ug/l	99
28) Bromochloromethane	7.55	49	122763	52.035	ug/l	98
29) Tetrahydrofuran	7.56	42	121779	241.717	ug/l	99
30) Chloroform	7.71	83	286280	49.235	ug/l	99
31) Cyclohexane	7.98	56	266998	48.823	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	266801	49.606	ug/l	99
36) 1,1-Dichloropropene	8.11	75	234568	51.705	ug/l	98
37) Ethyl Acetate	7.29	43	85506	49.353	ug/l	98
38) Carbon Tetrachloride	8.09	117	258735	52.562	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	300978	54.784	ug/l	98
40) Benzene	8.35	78	644291	50.764	ug/l	98
41) Methacrylonitrile	7.52	41	45945	46.292	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	173448	49.871	ug/l	99
43) Isopropyl Acetate	8.45	43	166126	49.093	ug/l	100
44) Trichloroethene	9.11	130	191336	49.817	ug/l	97
45) 1,2-Dichloropropane	9.39	63	155423	50.562	ug/l	96
46) Dibromomethane	9.48	93	81759	49.408	ug/l	98
47) Bromodichloromethane	9.66	83	222556	50.865	ug/l	98
48) Methyl methacrylate	9.46	41	89396	52.372	ug/l	97
49) 1,4-Dioxane	9.46	88	17853	931.228	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	427059	250.474	ug/l	99
52) Toluene	10.40	92	424748	51.317	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	207668	50.945	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	249923	50.579	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	114151	48.639	ug/l	94
56) Ethyl methacrylate	10.66	69	141723	51.940	ug/l	96
57) 1,3-Dichloropropane	10.95	76	196340	50.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	362170	277.850	ug/l	99
59) 2-Hexanone	10.98	43	313678	265.481	ug/l	97
60) Dibromochloromethane	11.14	129	156600	49.489	ug/l	98
61) 1,2-Dibromoethane	11.25	107	112314	49.634	ug/l	99
64) Tetrachloroethene	10.88	164	170312	51.628	ug/l	96
65) Chlorobenzene	11.67	112	447557	50.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	168236	51.200	ug/l	100
67) Ethyl Benzene	11.75	91	805271	52.583	ug/l	100
68) m/p-Xylenes	11.86	106	629776	106.993	ug/l	98
69) o-Xylene	12.18	106	283530	52.960	ug/l	99
70) Styrene	12.20	104	489963	53.266	ug/l	100
71) Bromoform	12.37	173	94755	49.231	ug/l #	100
73) Isopropylbenzene	12.48	105	790563	53.164	ug/l	100
74) N-amyl acetate	12.29	43	160446	52.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	120010	48.834	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	90509m	48.915	ug/l	
77) Bromobenzene	12.77	156	194049	51.062	ug/l	97
78) n-propylbenzene	12.83	91	928940	53.835	ug/l	100
79) 2-Chlorotoluene	12.91	91	510223	51.757	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	664137	54.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	41875	51.930	ug/l	93
82) 4-Chlorotoluene	13.01	91	541586	52.049	ug/l	100
83) tert-Butylbenzene	13.23	119	584555	54.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	654653	54.315	ug/l	100
85) sec-Butylbenzene	13.41	105	806974	54.802	ug/l	100
86) p-Isopropyltoluene	13.52	119	741144	55.401	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	360789	51.135	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	365887	51.297	ug/l	99
89) n-Butylbenzene	13.85	91	688011	55.311	ug/l	99
90) Hexachloroethane	14.12	117	144556	52.198	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	312554	51.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19902	49.414	ug/l	99

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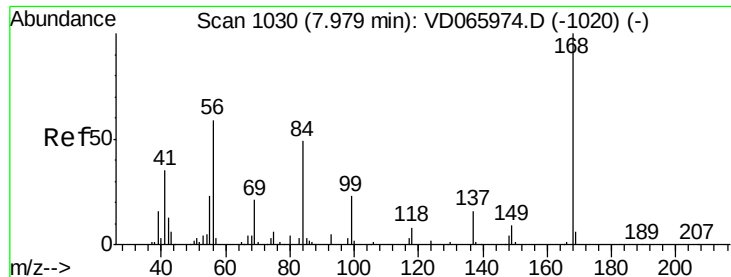
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	236303	53.845	ug/l	98
94) Hexachlorobutadiene	15.27	225	146641	54.048	ug/l	98
95) Naphthalene	15.41	128	367867	47.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	197777	51.840	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 373623

Ion Ratio Lower Upper

168 100

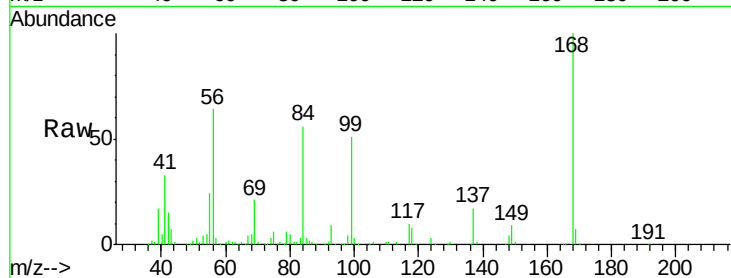
99 50.5 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

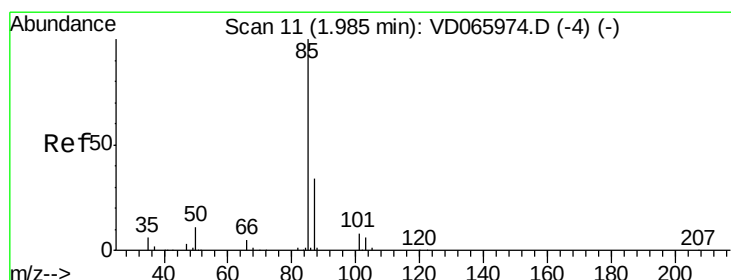
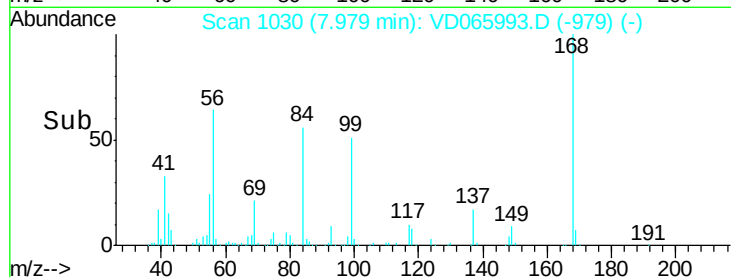
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.275 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065993.D

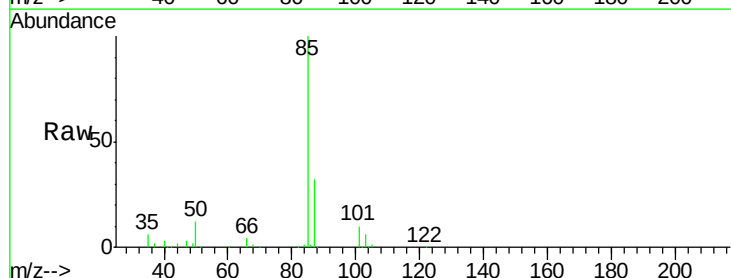
Acq: 22 Jul 2020 10:02

Tgt Ion: 85 Resp: 131209

Ion Ratio Lower Upper

85 100

87 32.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

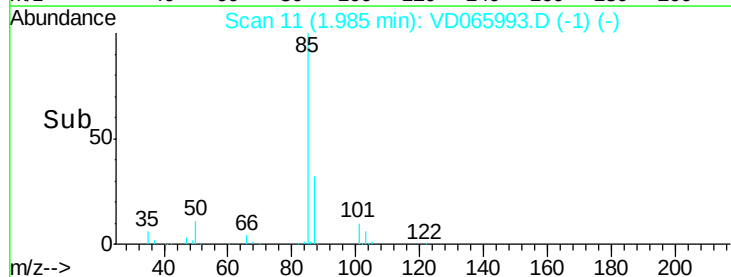
40000

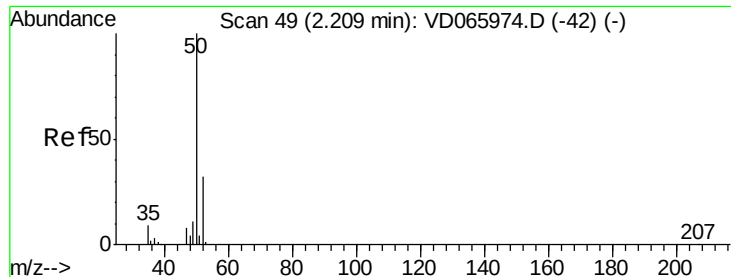
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 45.225 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 104646

Ion Ratio Lower Upper

50 100

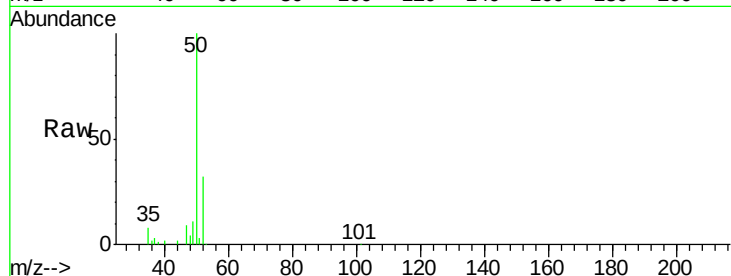
52 32.1 25.8 38.8

Manual Integrations

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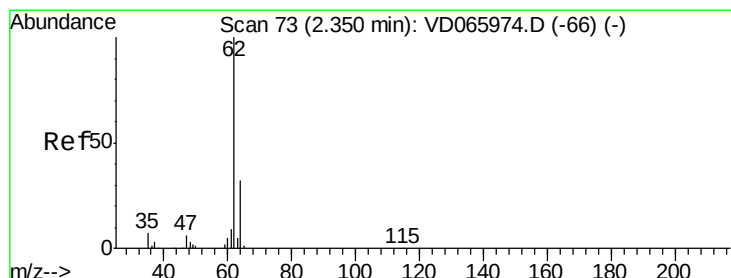
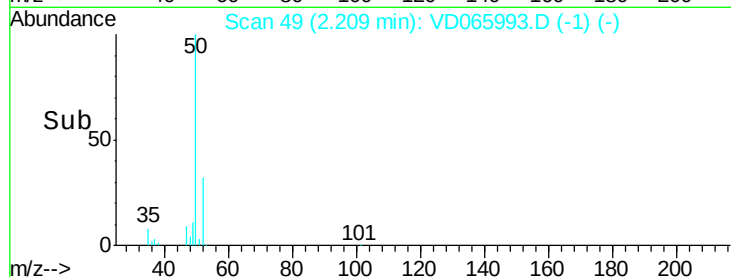
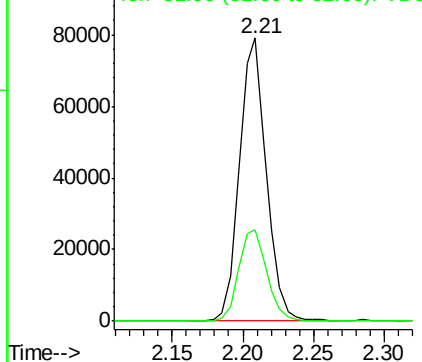
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.852 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065993.D

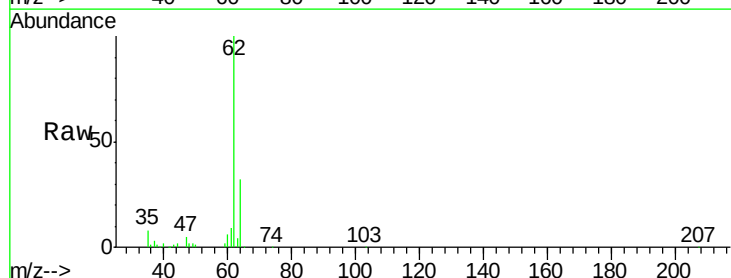
Acq: 22 Jul 2020 10:02

Tgt Ion: 62 Resp: 107647

Ion Ratio Lower Upper

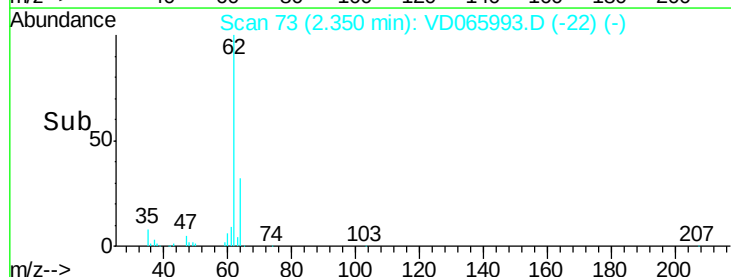
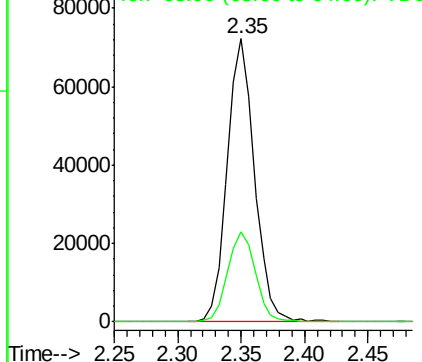
62 100

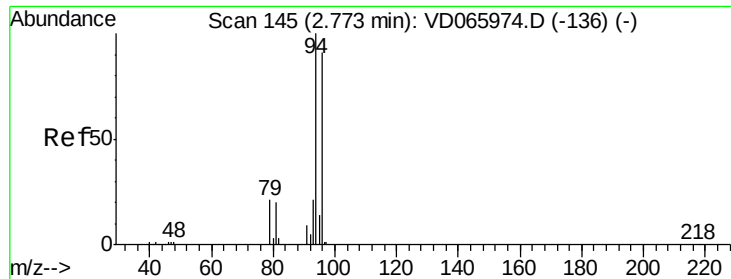
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 48.365 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75205

Ion Ratio Lower Upper

94 100

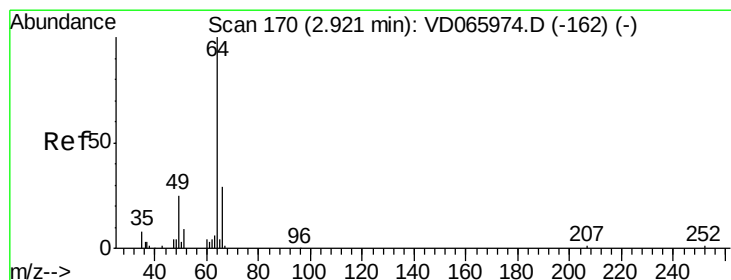
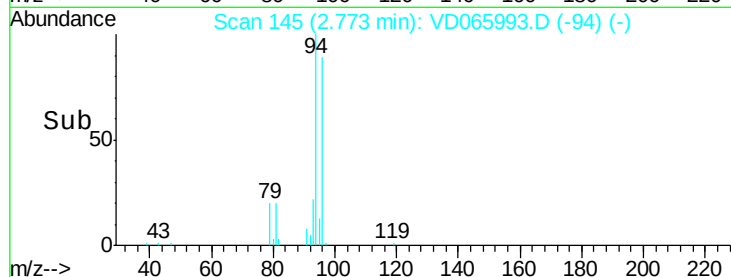
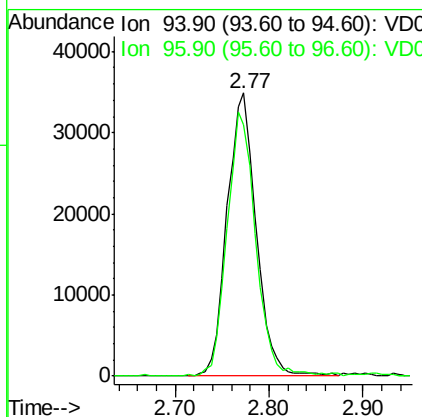
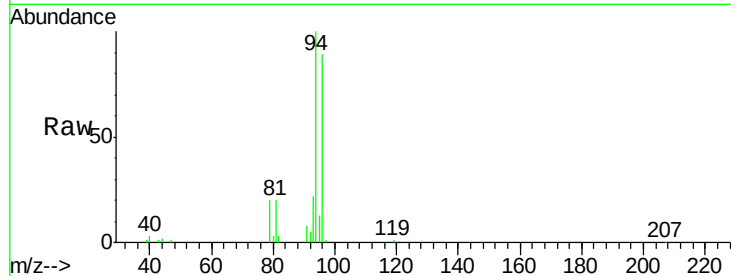
96 88.2 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 49.953 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD065993.D

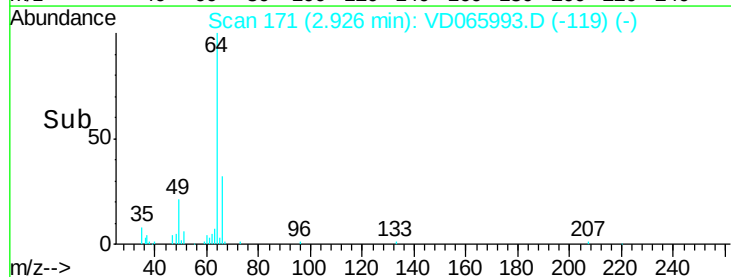
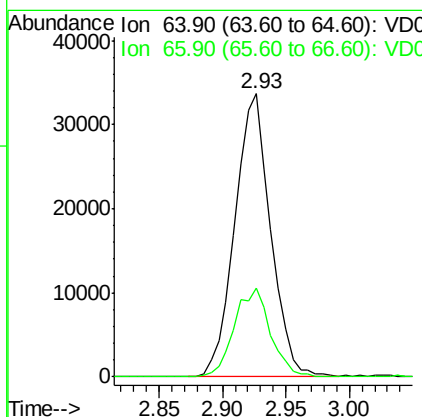
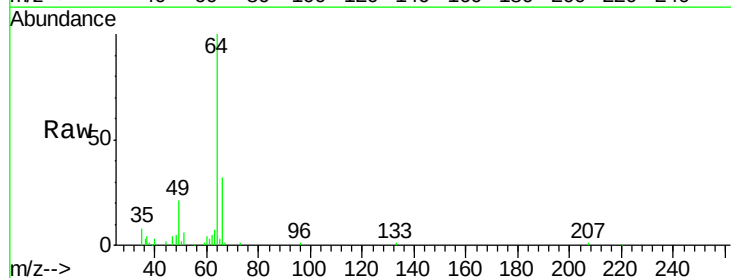
Acq: 22 Jul 2020 10:02

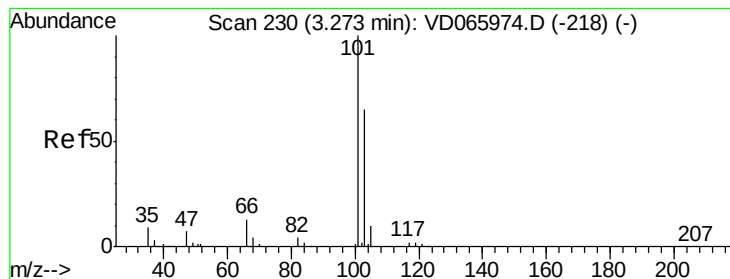
Tgt Ion: 64 Resp: 65708

Ion Ratio Lower Upper

64 100

66 31.5 23.4 35.0





#7

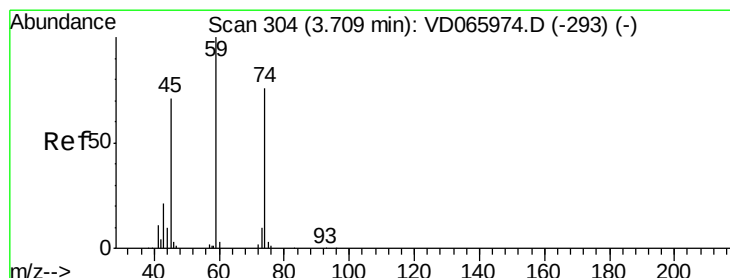
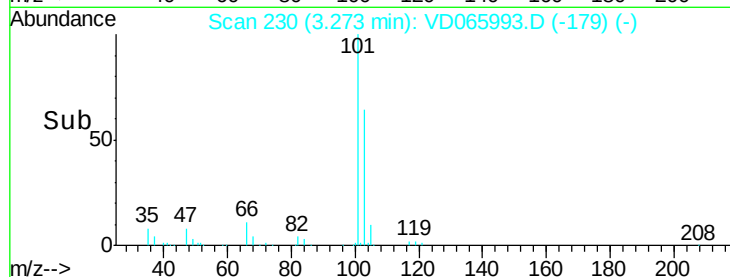
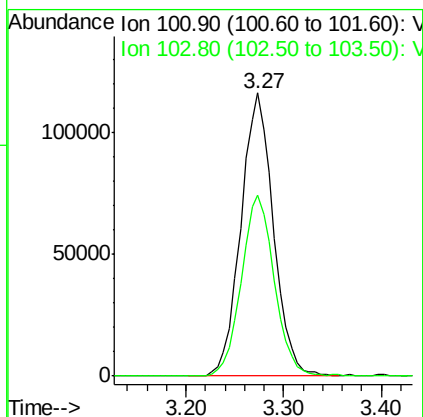
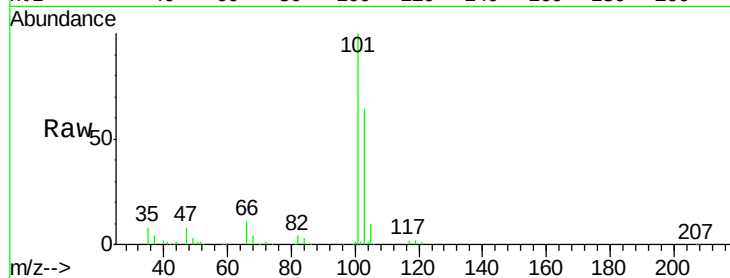
Trichlorofluoromethane
Concen: 50.502 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065993.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.1	78.1

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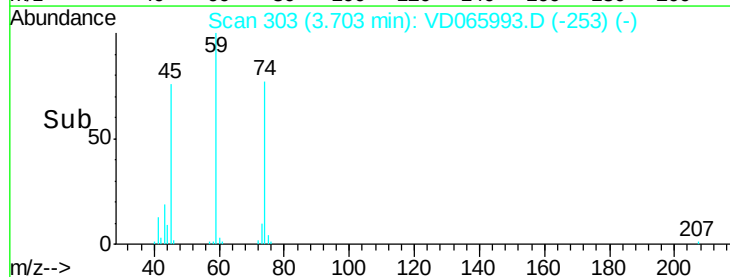
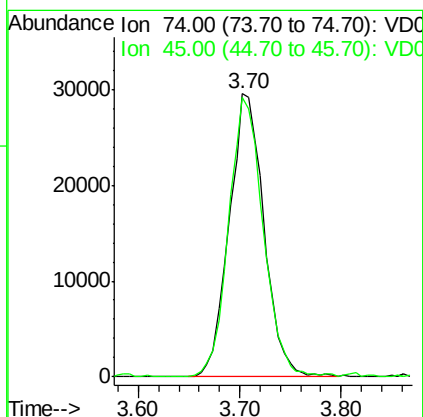
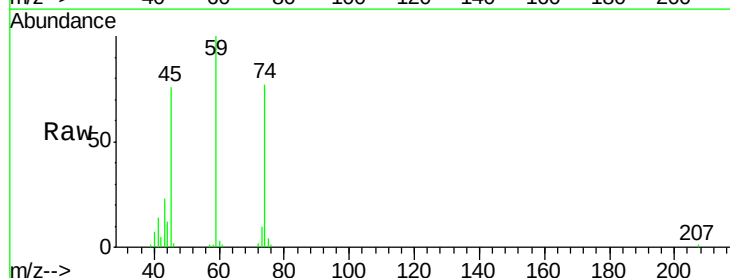
MMDadoda
7/23/2020 2:14:29 PM

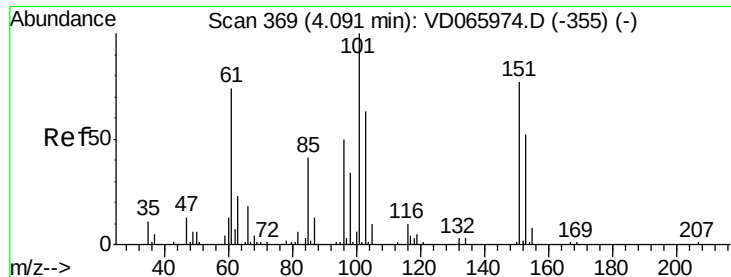


#8

Diethyl Ether
Concen: 47.374 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.438 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

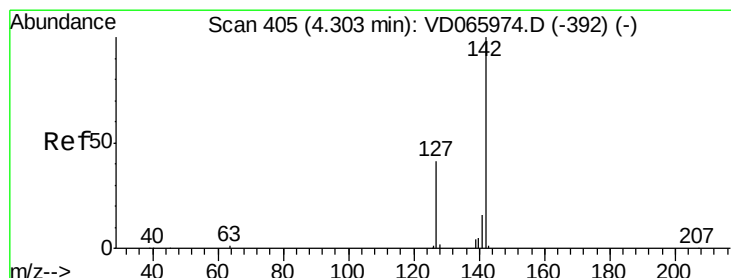
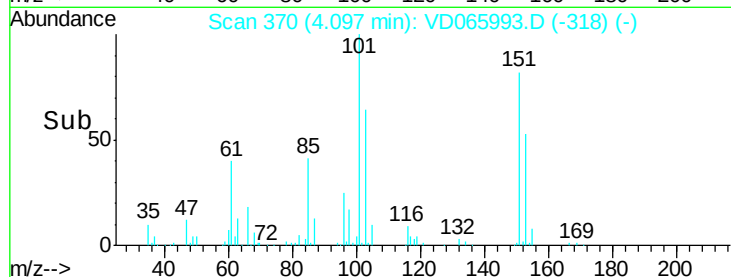
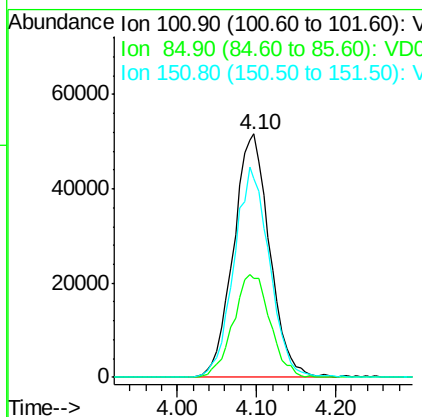
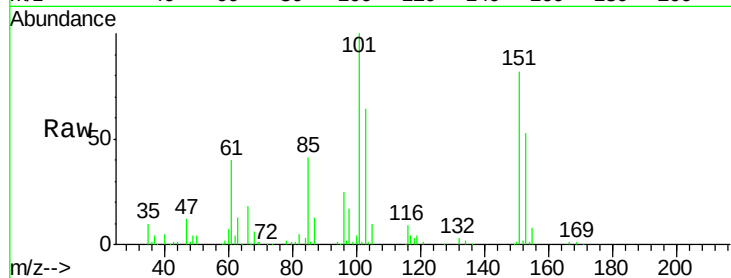
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	163230
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.6	50.4
151	85.1	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.445 ug/l

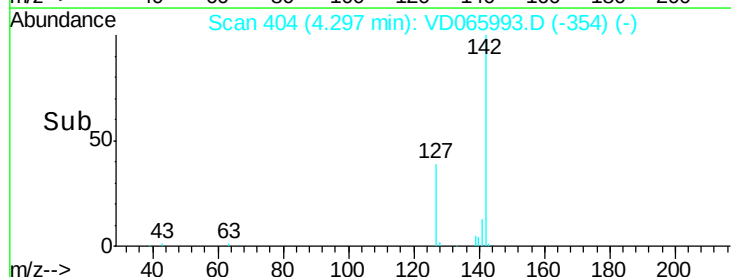
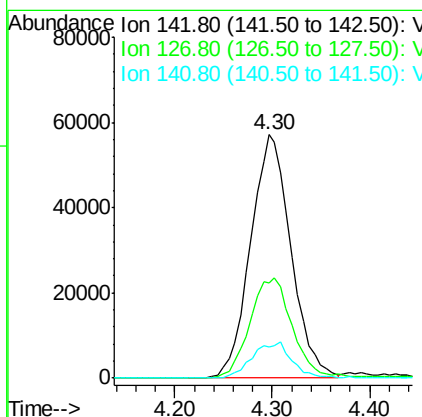
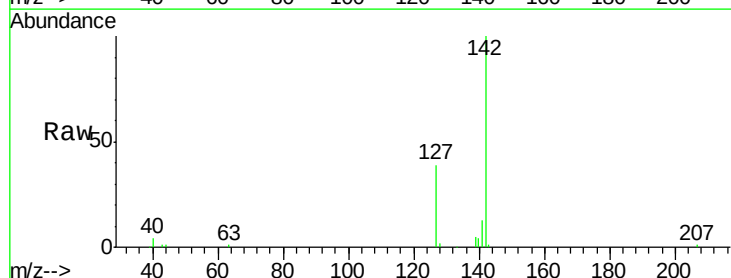
RT: 4.30 min Scan# 404

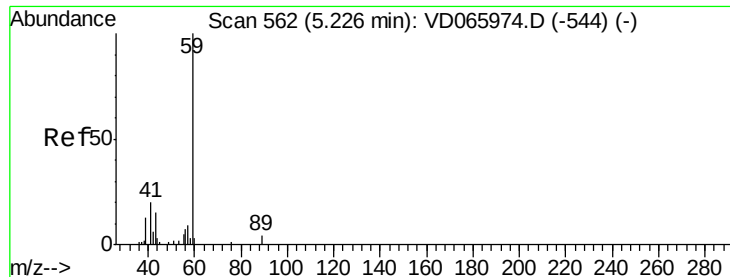
Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	142	Resp:	165222
Ion Ratio	Lower	Upper	
142	100		
127	43.5	32.9	49.3
141	14.6	11.8	17.6





#11

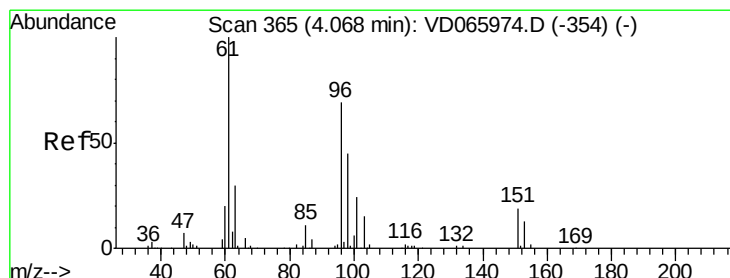
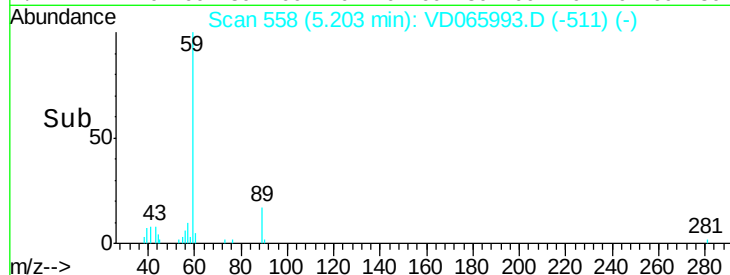
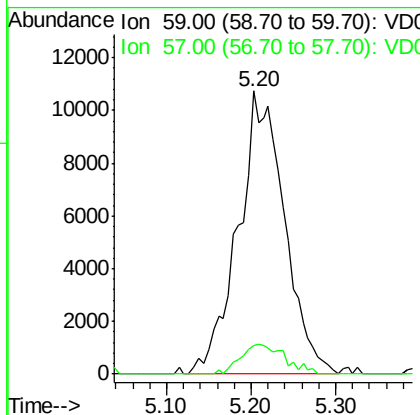
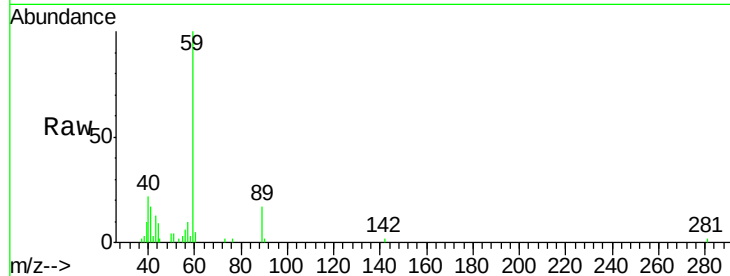
Tert butyl alcohol
Concen: 209.040 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 40832
Ion Ratio Lower Upper
59 100
57 10.1 4.5 6.7#

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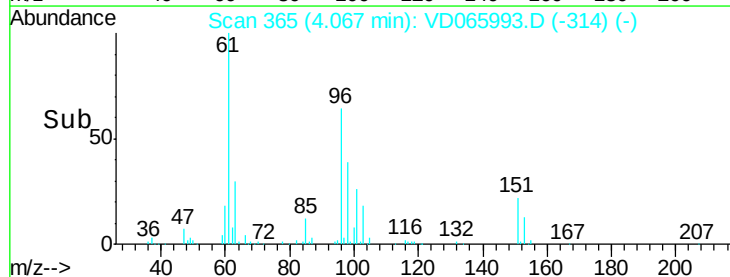
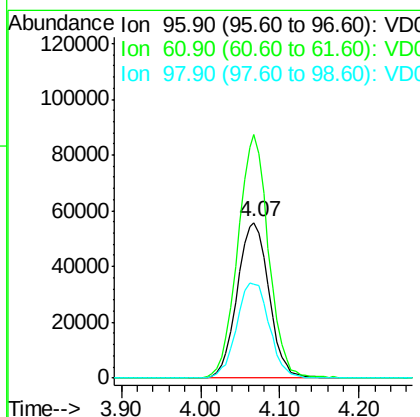
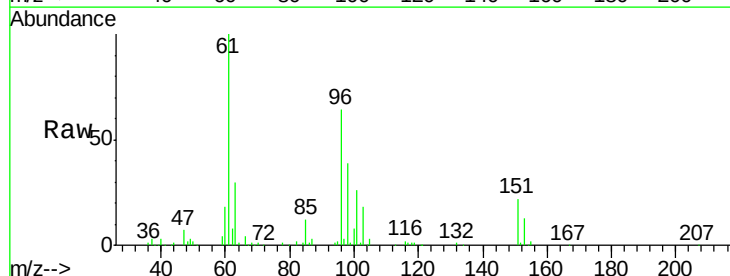
MMDadoda
7/23/2020 2:14:29 PM

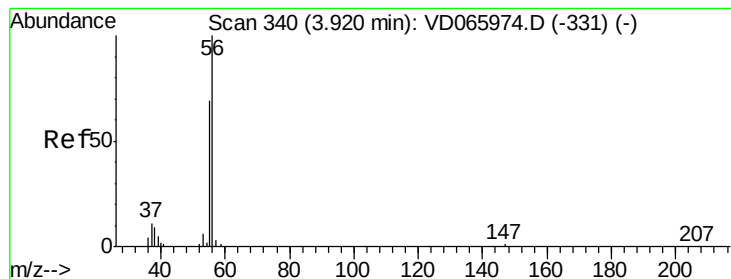


#12

1,1-Dichloroethene
Concen: 50.369 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 96 Resp: 155597
Ion Ratio Lower Upper
96 100
61 156.8 115.4 173.0
98 60.6 51.5 77.3





#13

Acrolein

Concen: 237.548 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60845

Ion Ratio Lower Upper

56 100

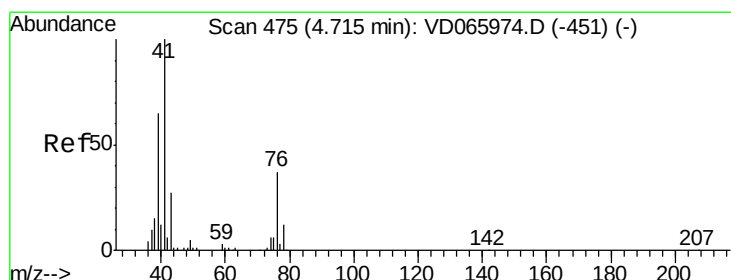
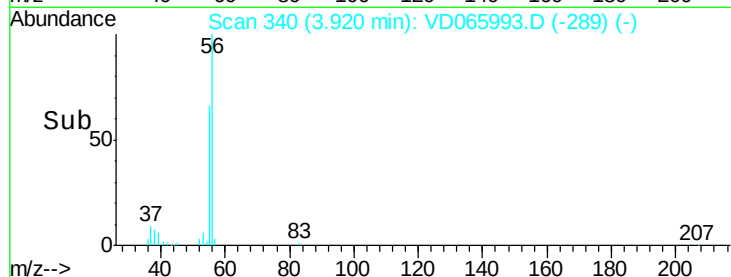
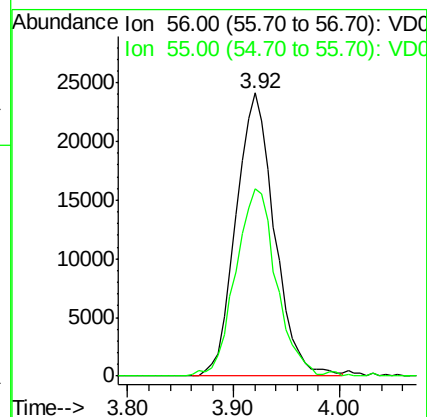
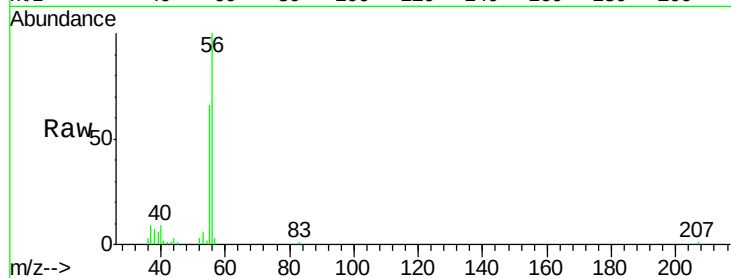
55 69.9 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 49.644 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

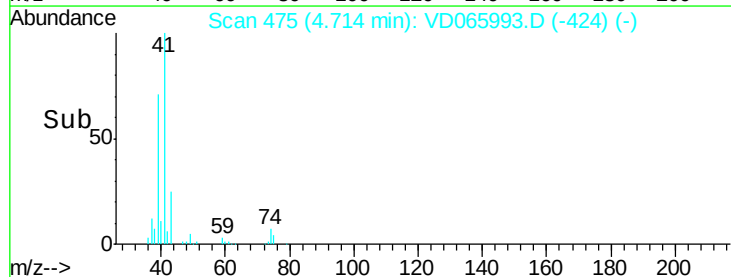
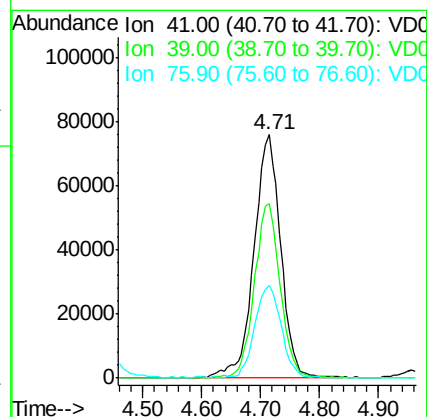
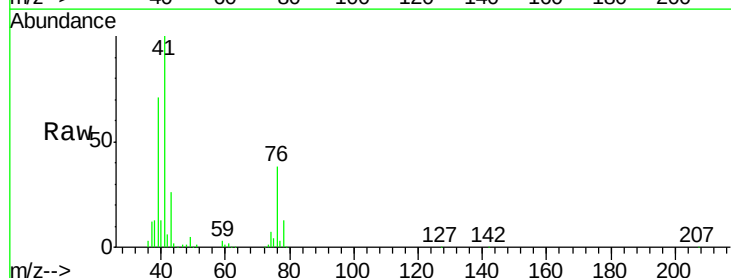
Tgt Ion: 41 Resp: 239724

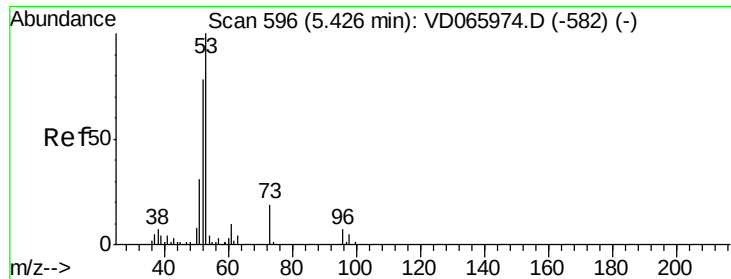
Ion Ratio Lower Upper

41 100

39 68.9 53.4 80.2

76 36.8 29.1 43.7





#15

Acrylonitrile

Concen: 241.447 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

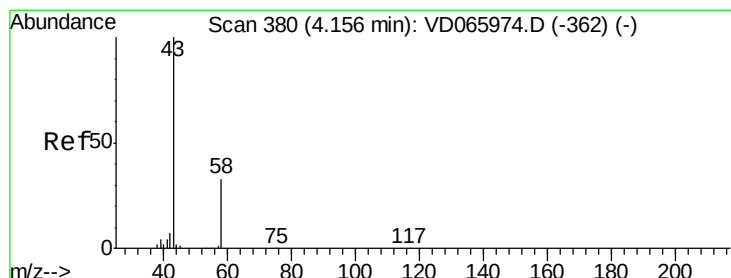
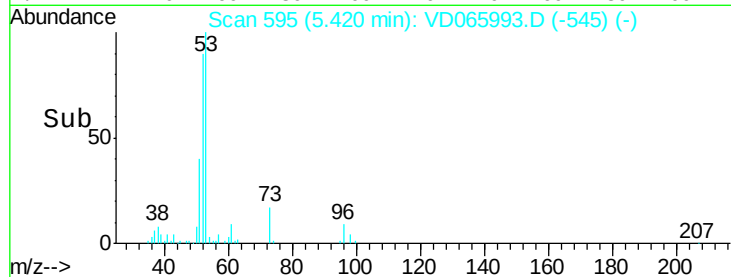
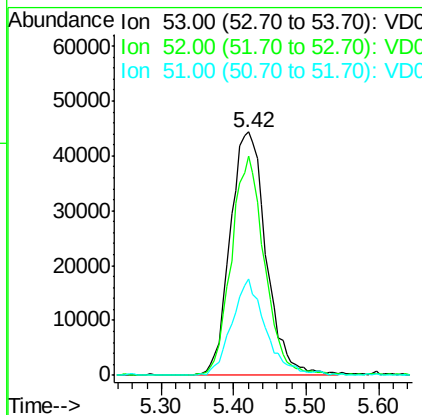
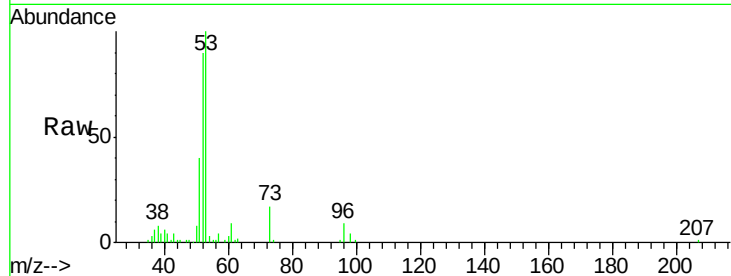
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	152816
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.1	100.7
51	37.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 287.162 ug/l

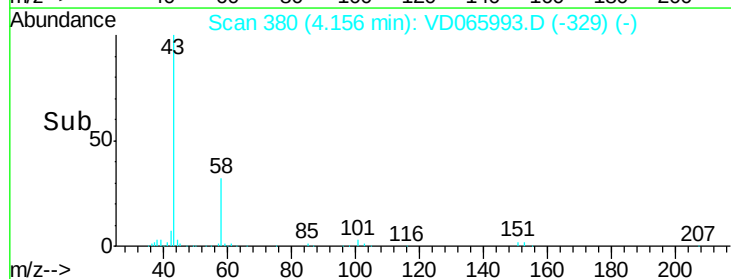
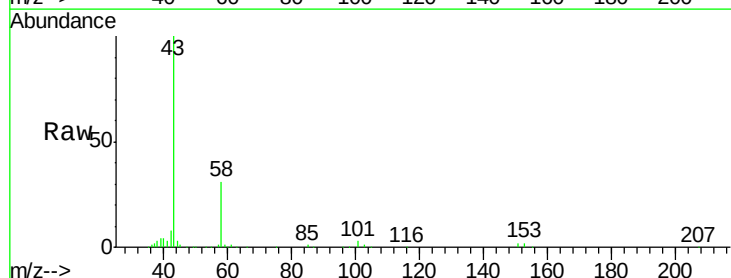
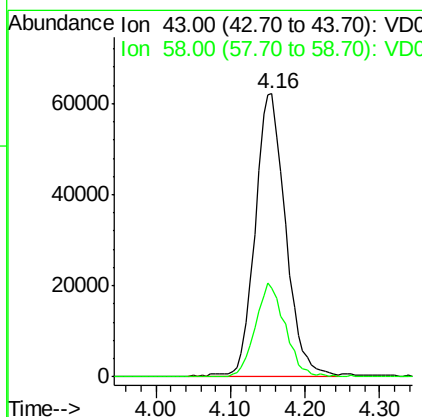
RT: 4.16 min Scan# 380

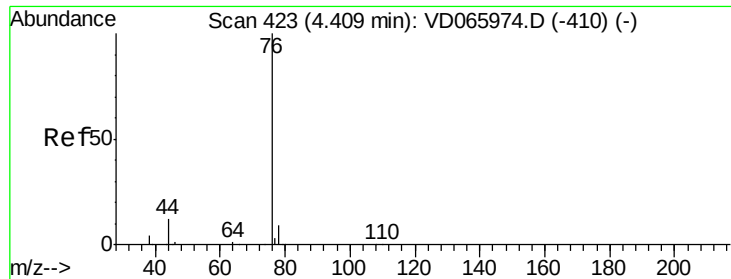
Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	43	Resp:	176710
Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.3	39.5





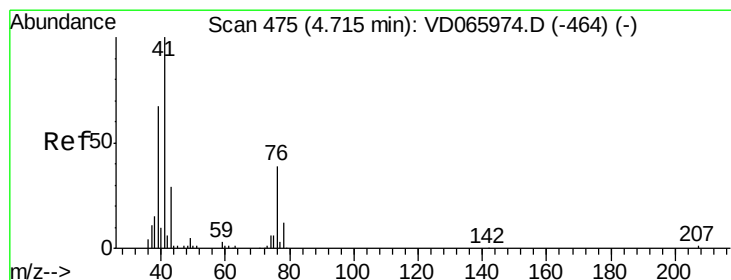
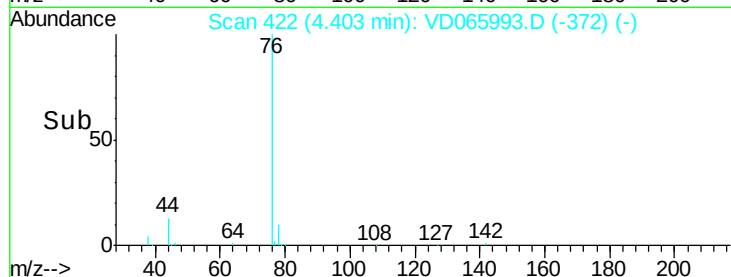
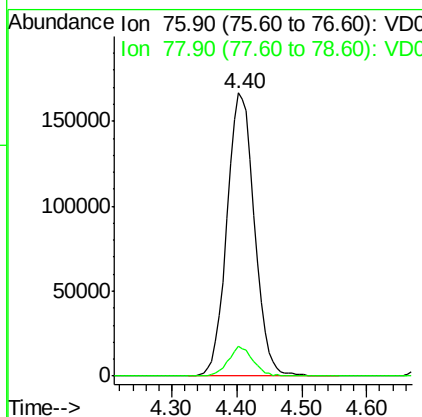
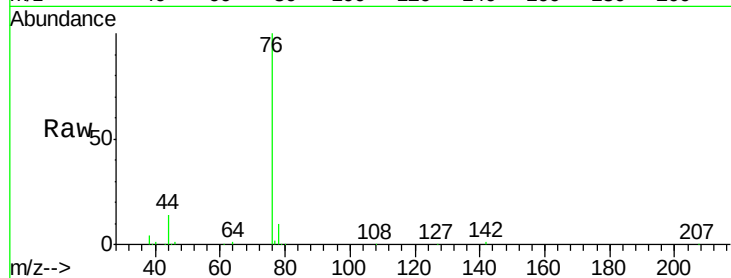
#17
Carbon Disulfide
Concen: 48.652 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.4	11.2

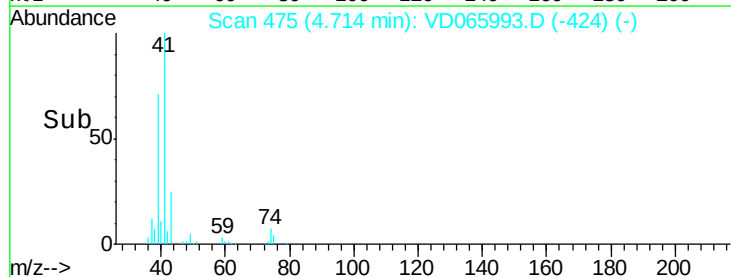
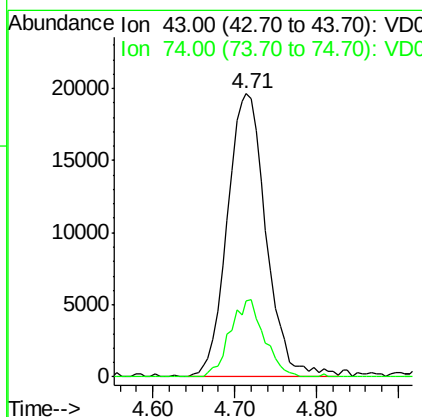
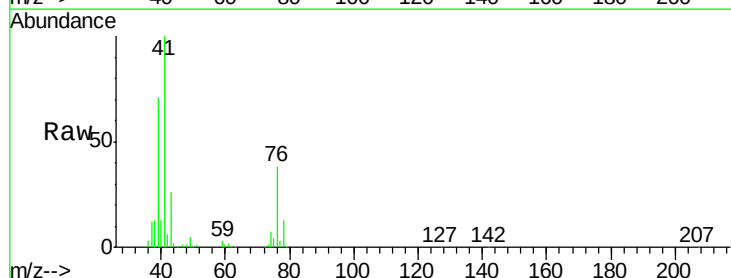
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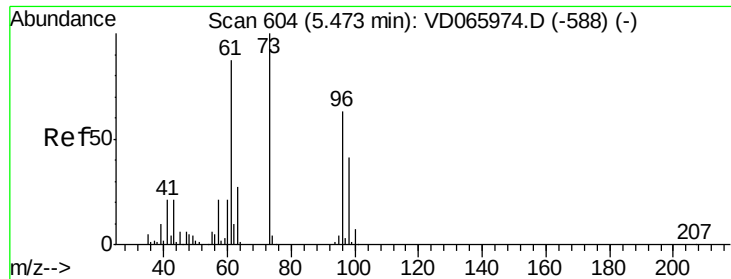
MMDadoda
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#18
Methyl Acetate
Concen: 45.290 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.2	28.8





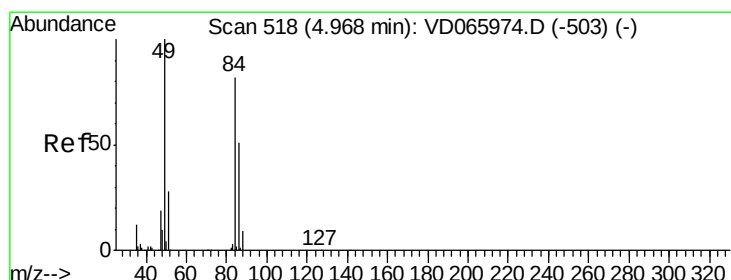
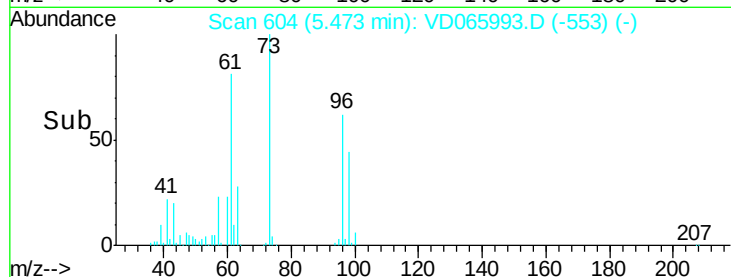
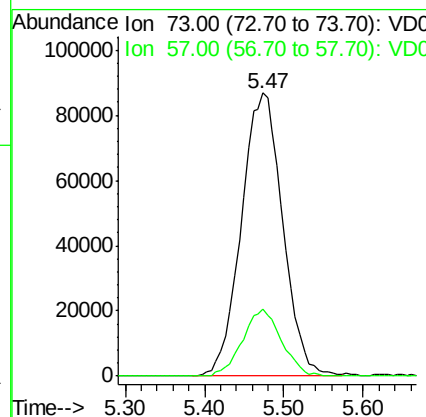
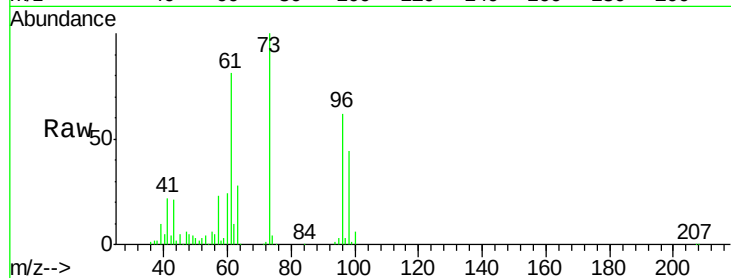
#19
Methyl tert-butyl Ether
Concen: 49.508 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion: 73 Resp: 314229
Ion Ratio Lower Upper
73 100
57 23.5 17.0 25.4

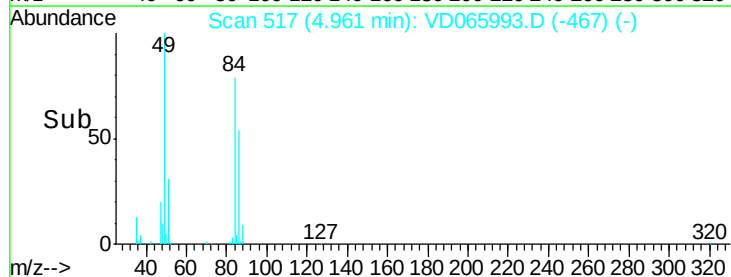
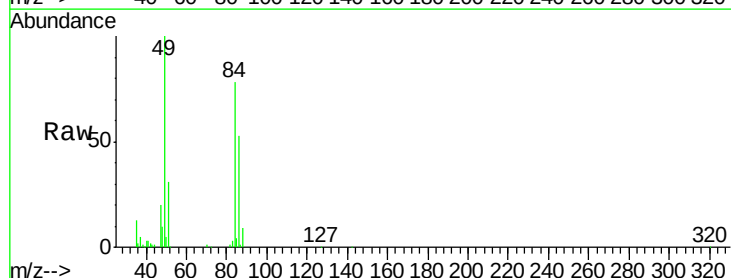
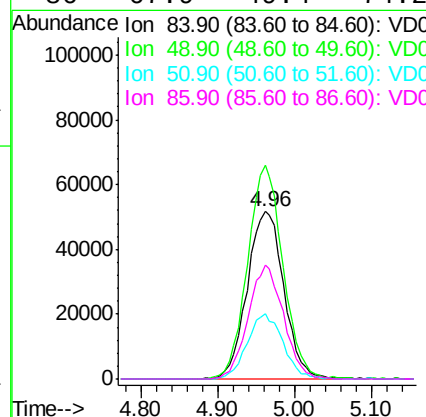
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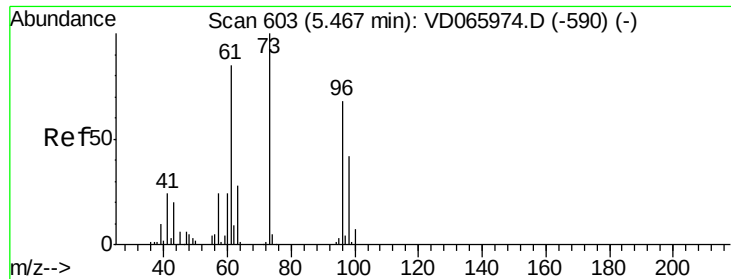
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#20
Methylene Chloride
Concen: 50.640 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 84 Resp: 172180
Ion Ratio Lower Upper
84 100
49 127.6 97.7 146.5
51 39.3 27.4 41.2
86 67.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.035 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 174691

Ion Ratio Lower Upper

96 100

61 120.6 100.5 150.7

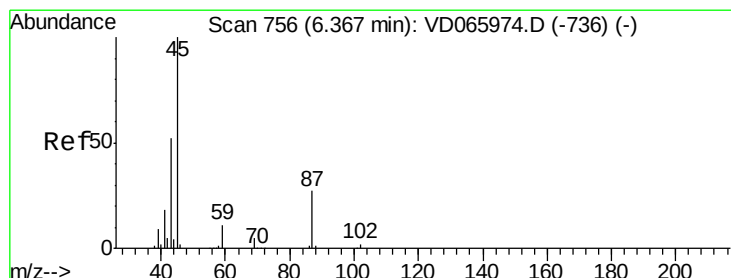
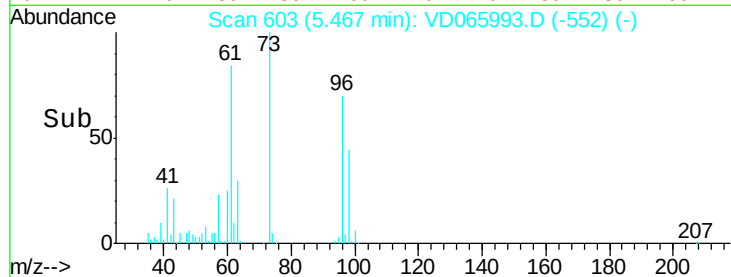
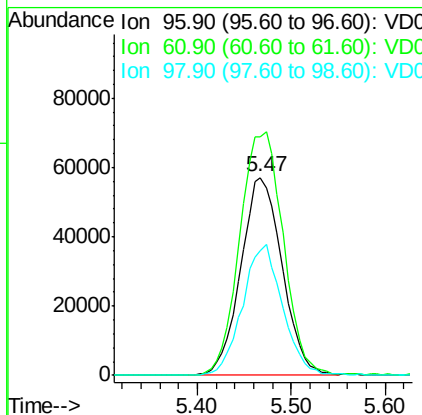
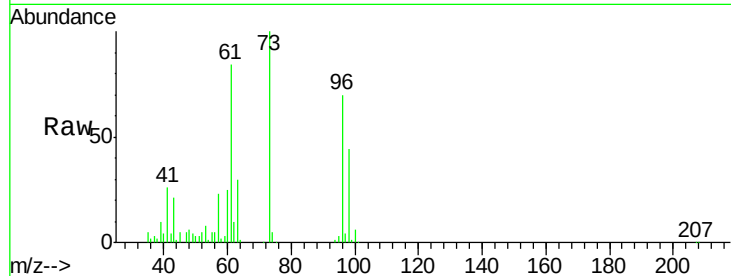
98 63.2 49.7 74.5

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#22

Diisopropyl ether

Concen: 50.604 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion: 45 Resp: 464239

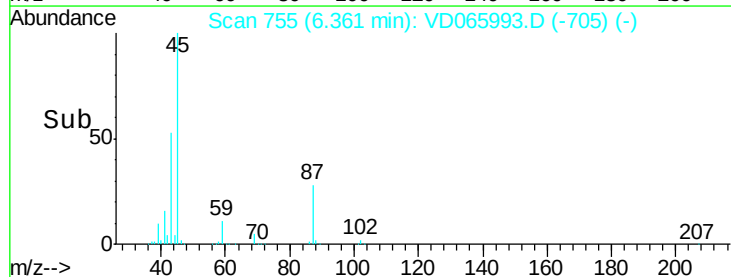
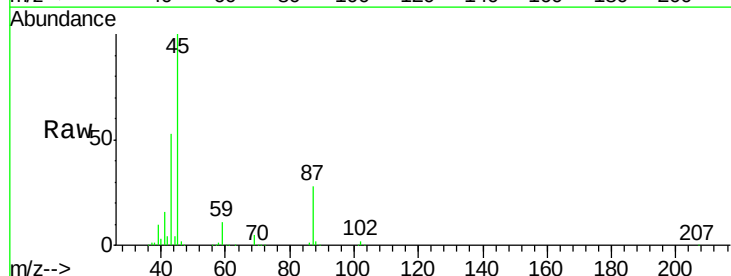
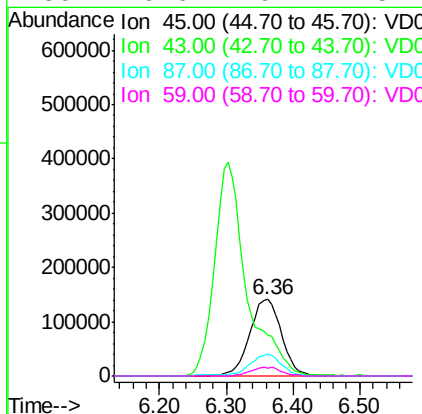
Ion Ratio Lower Upper

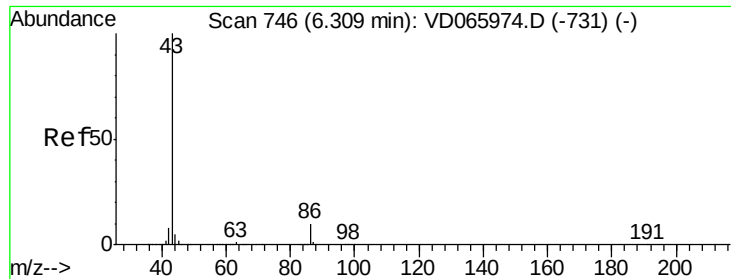
45 100

43 52.0 43.0 64.4

87 27.9 22.0 33.0

59 10.6 9.1 13.7





#23

Vinyl Acetate

Concen: 257.653 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1333062

Ion Ratio Lower Upper

43 100

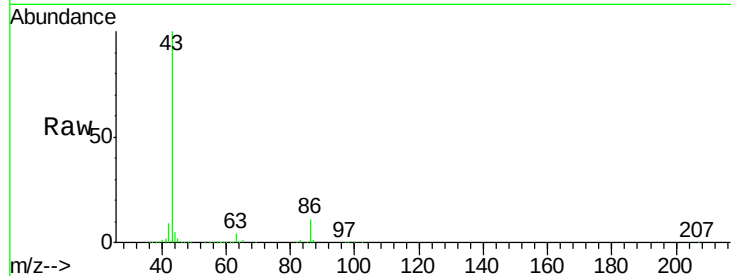
86 10.5 7.9 11.9

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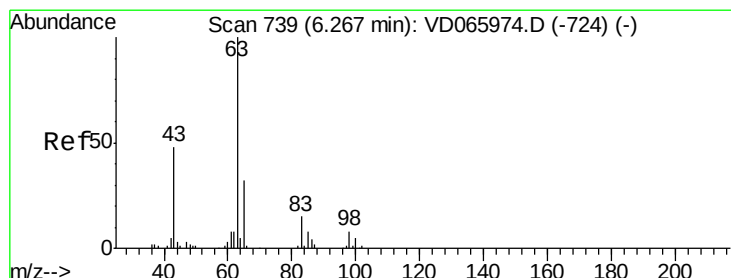
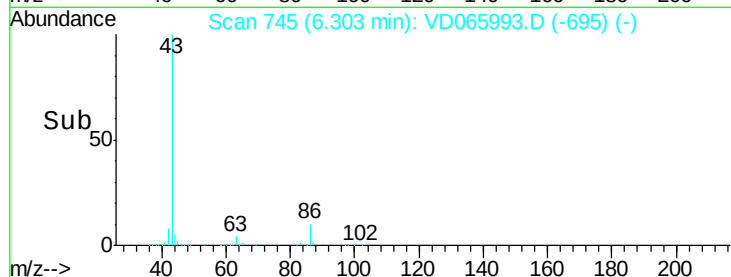
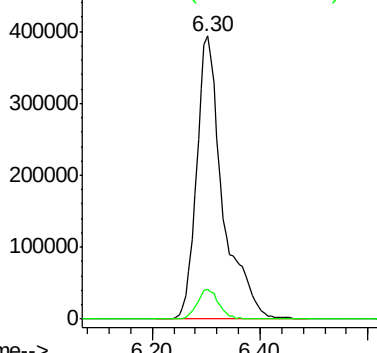
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.032 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

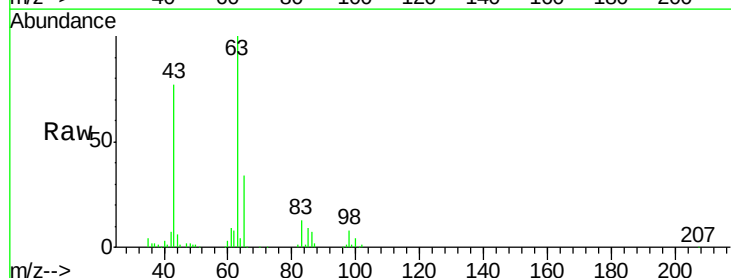
Tgt Ion: 63 Resp: 278112

Ion Ratio Lower Upper

63 100

98 7.6 4.3 12.8

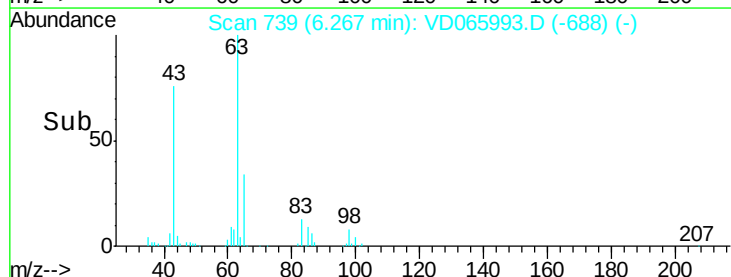
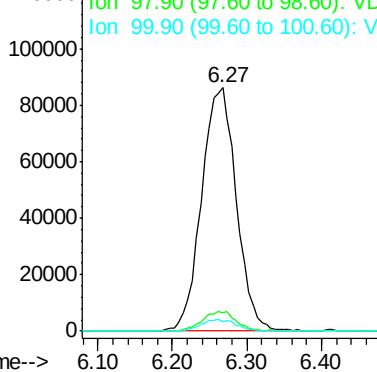
100 4.0 2.5 7.5

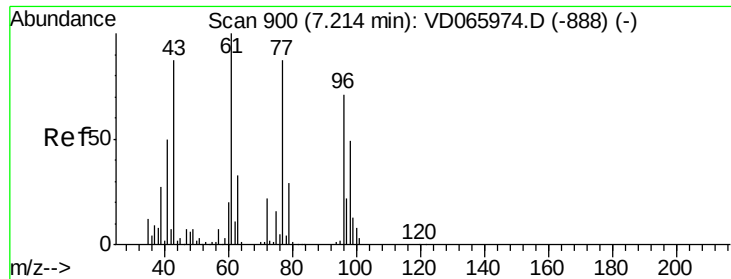


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 256.618 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 209539

Ion Ratio Lower Upper

43 100

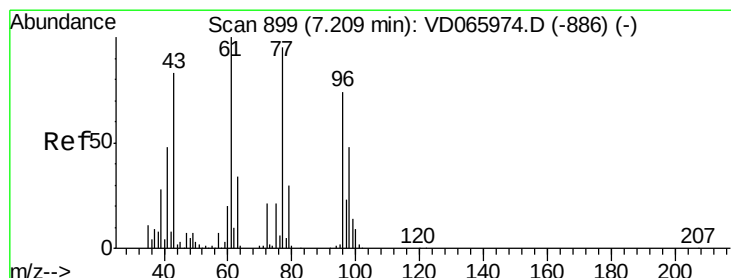
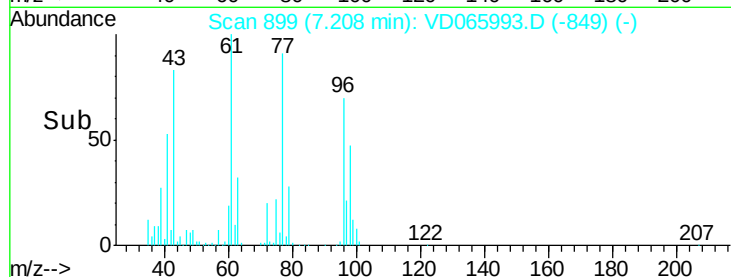
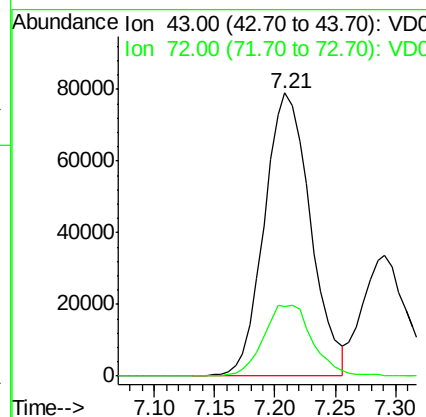
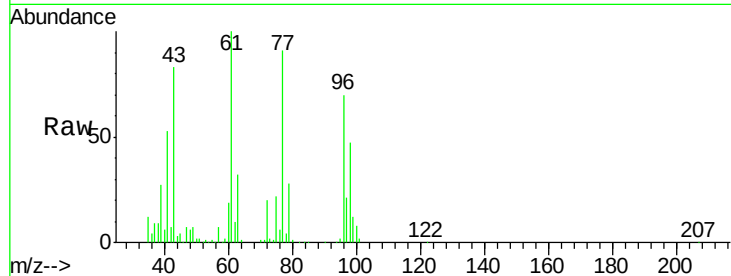
72 24.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.415 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065993.D

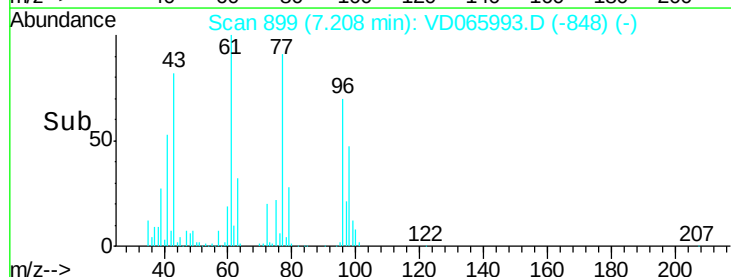
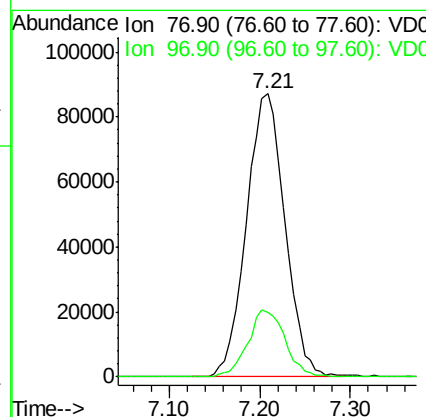
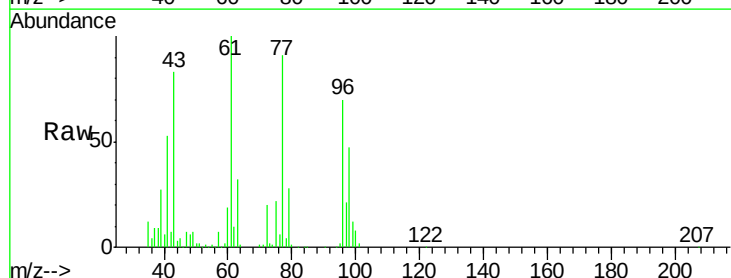
Acq: 22 Jul 2020 10:02

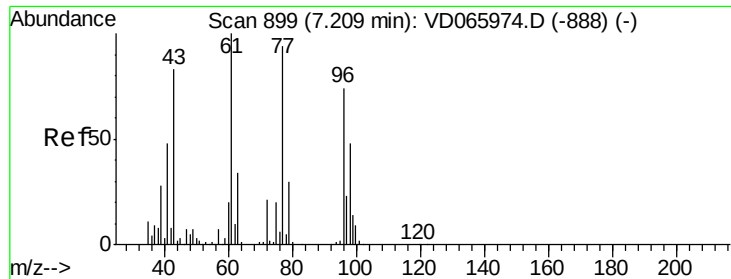
Tgt Ion: 77 Resp: 257008

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





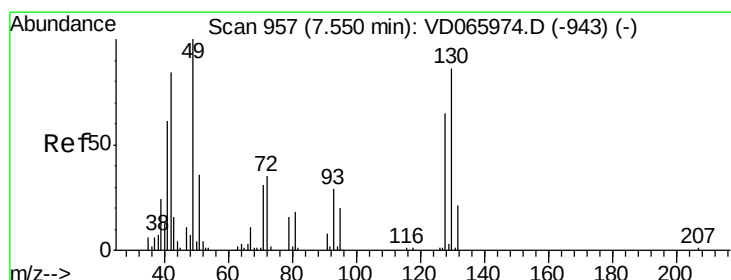
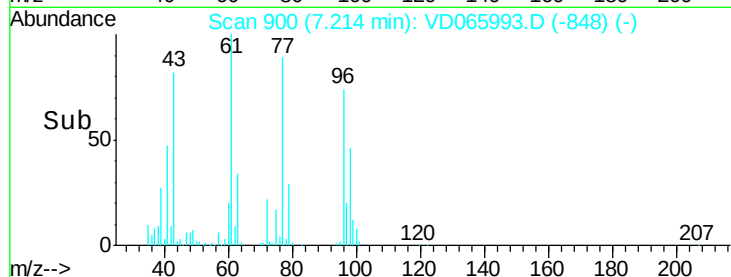
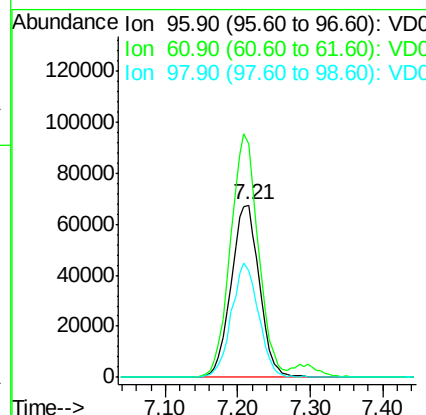
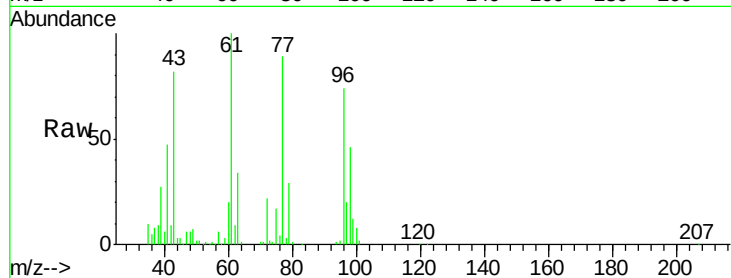
#27
 cis-1,2-Dichloroethene
 Concen: 49.493 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182955		
61	139.0	0.0	276.6	
98	63.8	0.0	130.8	

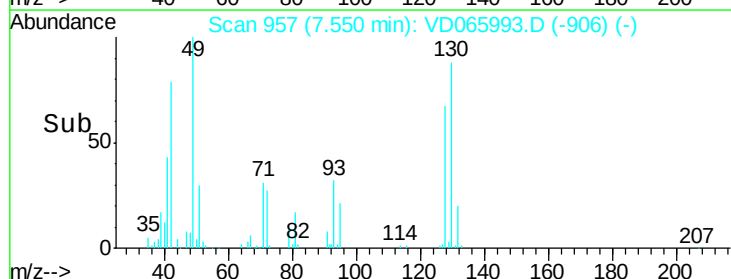
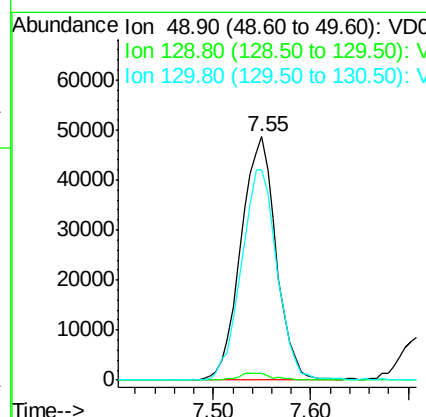
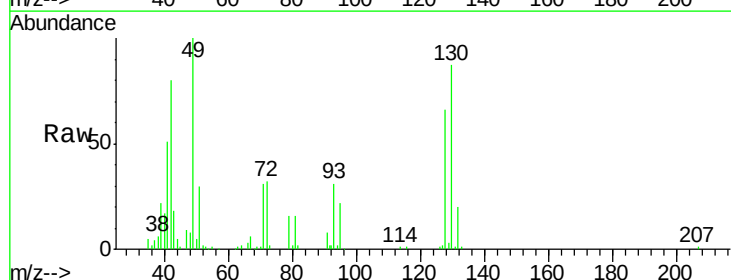
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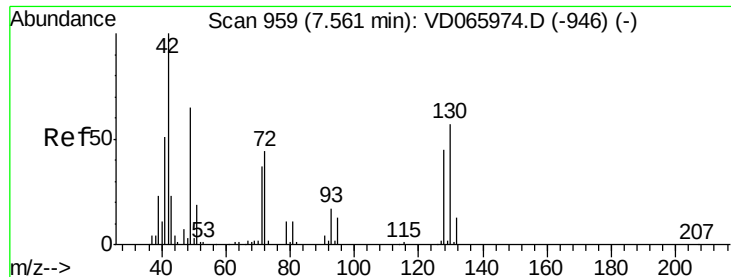
MMDadoda
 7/23/2020 2:14:29 PM



#28
 Bromochloromethane
 Concen: 52.035 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122763		
129	2.6	0.0	4.8	
130	87.8	68.4	102.6	





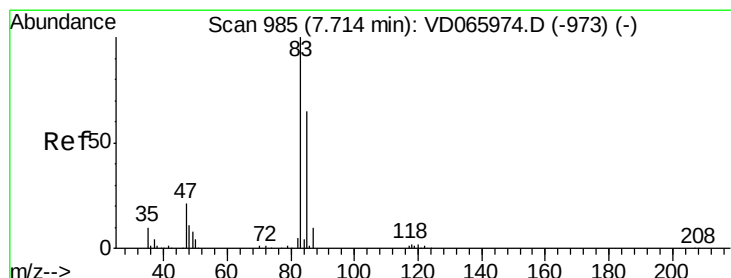
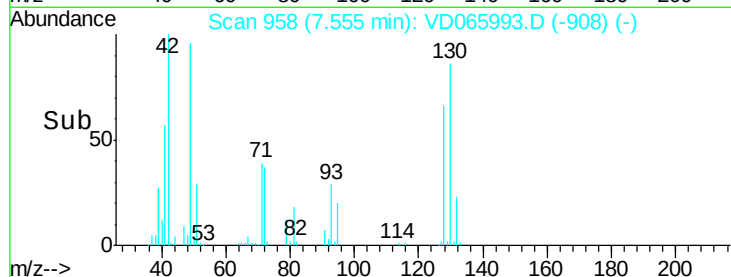
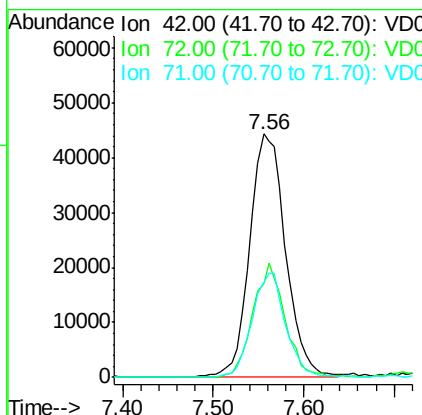
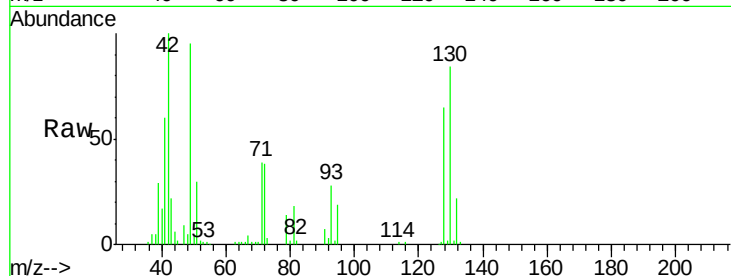
#29
Tetrahydrofuran
Concen: 241.717 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.2	51.2
71	40.2	31.4	47.2

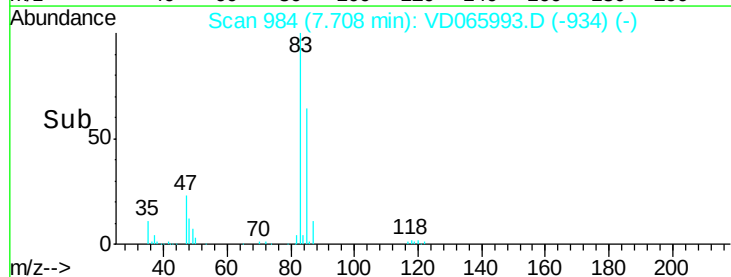
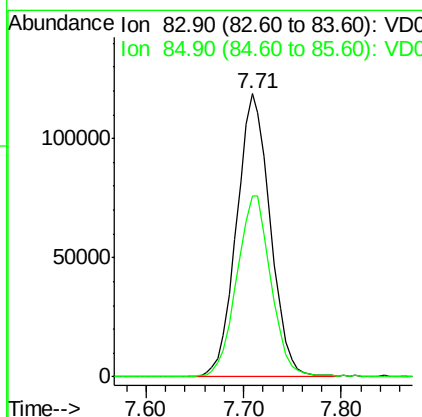
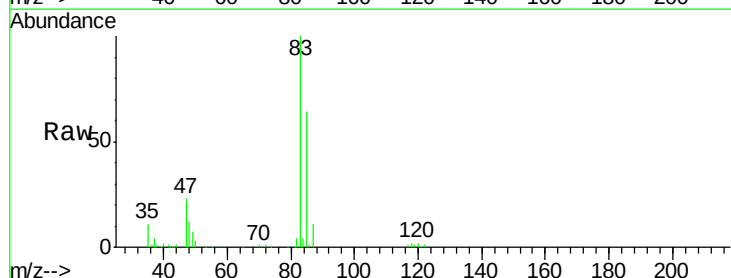
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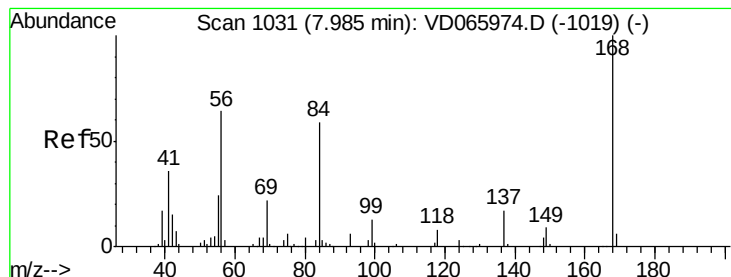
MMDadoda
7/23/2020 2:14:29 PM



#30
Chloroform
Concen: 49.235 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.1	78.1





#31

Cyclohexane

Concen: 48.823 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

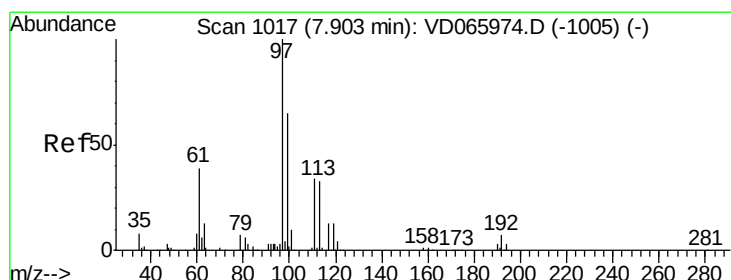
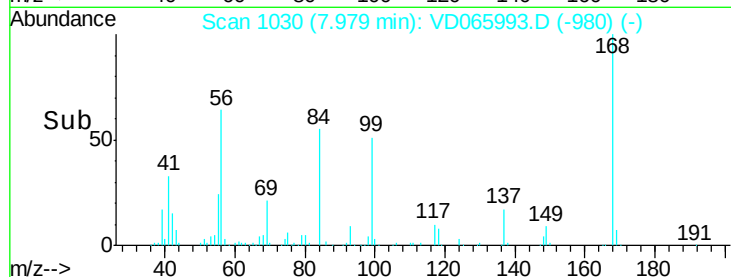
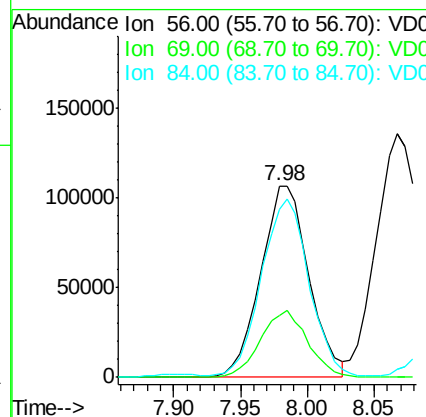
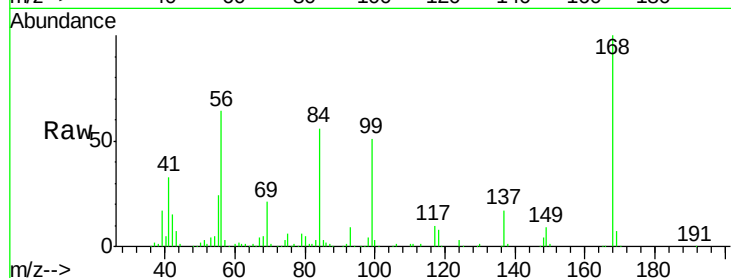
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	266998
Ion	Ratio	Lower	Upper
56	100		
69	32.5	28.0	42.0
84	86.5	72.6	109.0

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#32

1,1,1-Trichloroethane

Concen: 49.606 ug/l

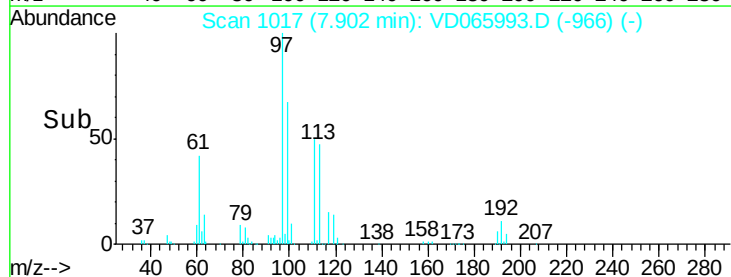
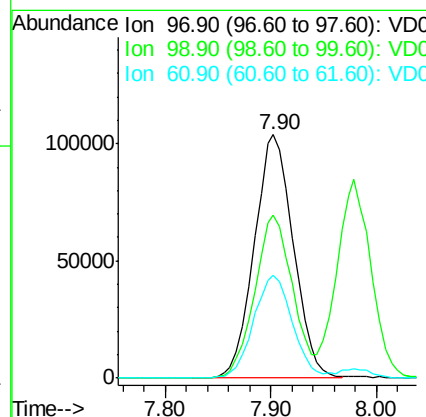
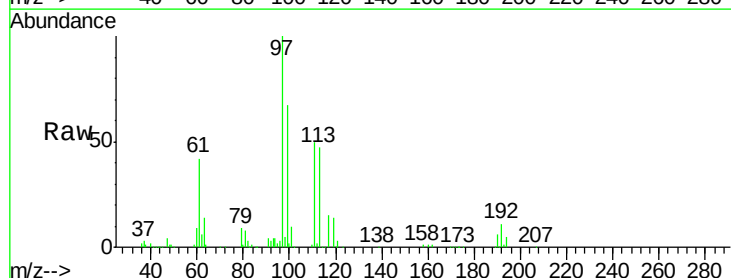
RT: 7.90 min Scan# 1017

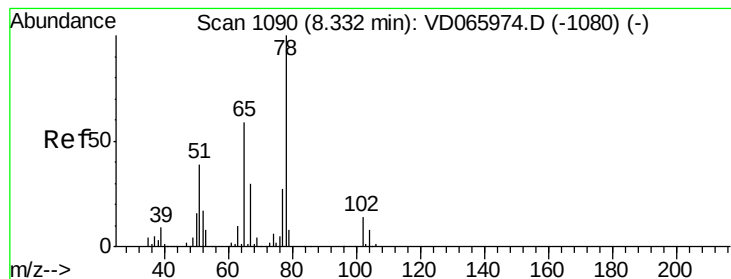
Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	97	Resp:	266801
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	41.8	33.3	49.9





#33

1,2-Dichloroethane-d4

Concen: 50.334 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 153023

Ion Ratio Lower Upper

65 100

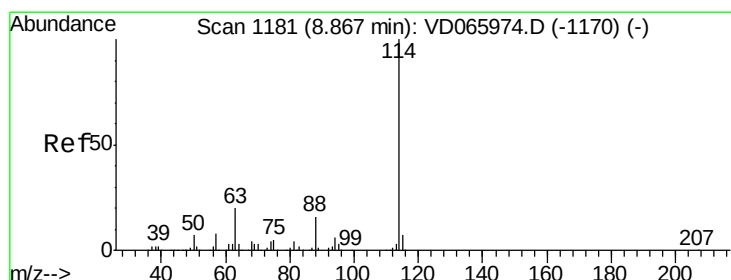
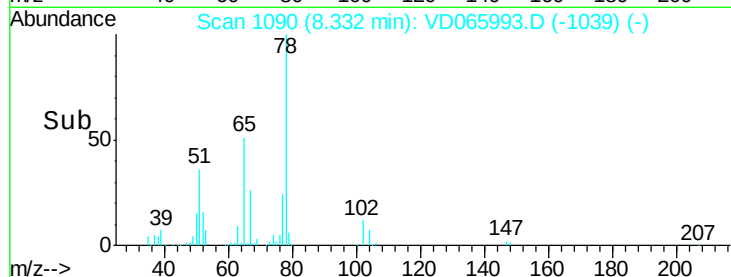
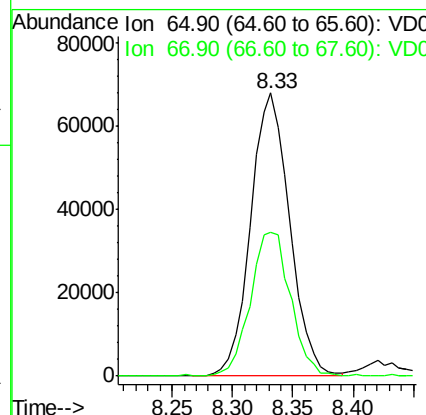
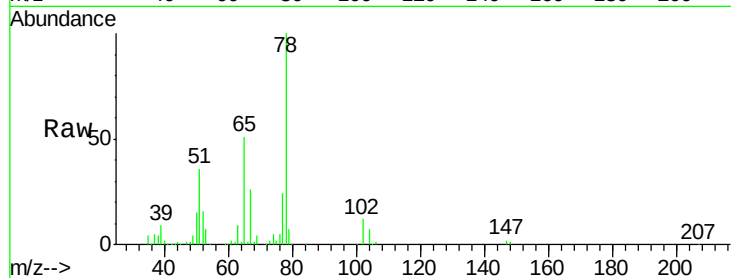
67 52.3 0.0 105.0

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7/23/2020 2:14:29 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

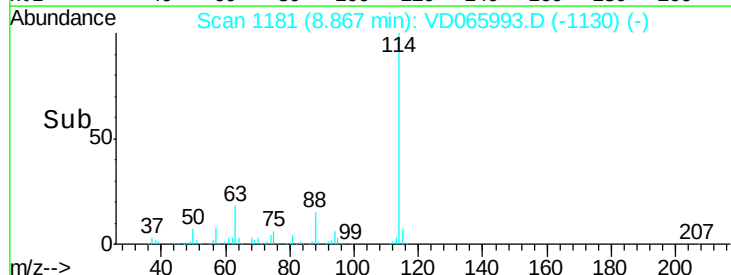
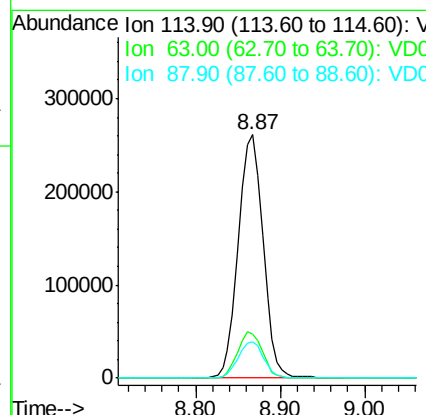
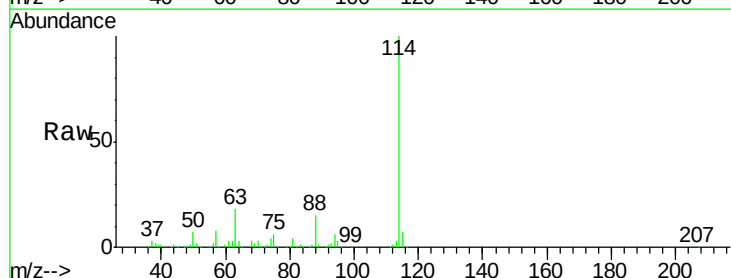
Tgt Ion: 114 Resp: 531565

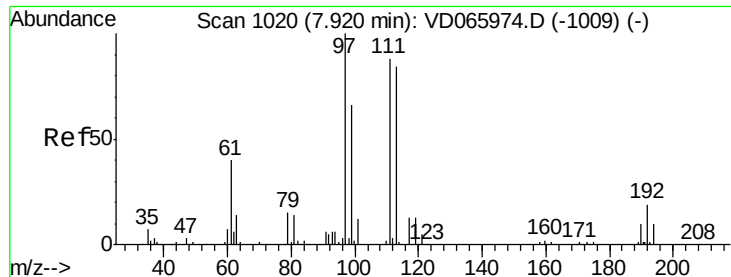
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 14.8 0.0 31.2





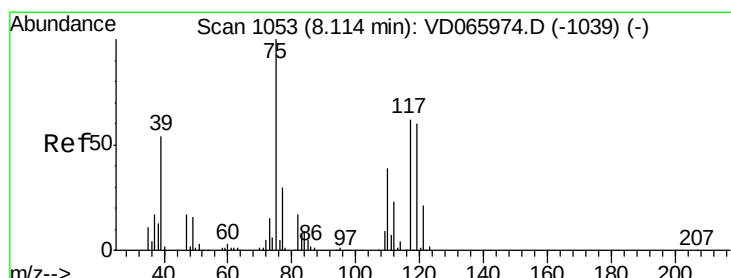
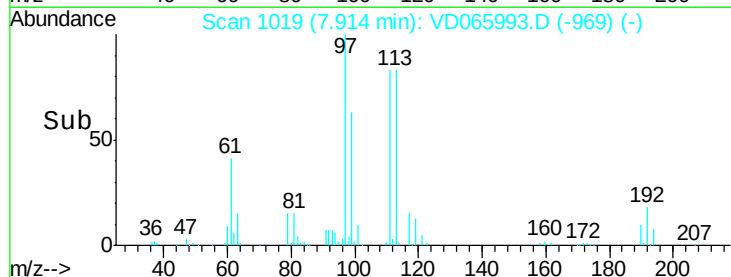
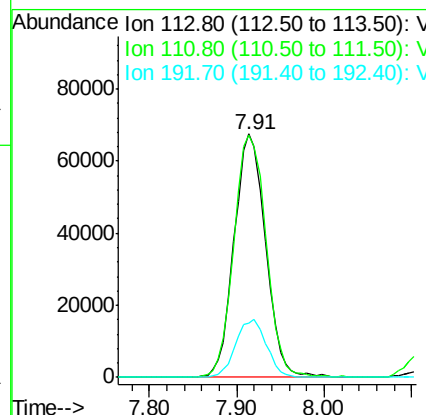
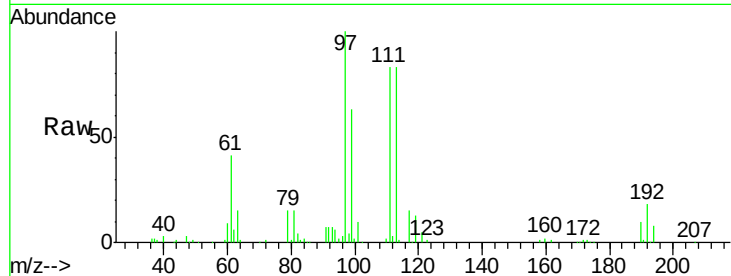
#35
 Dibromofluoromethane
 Concen: 51.250 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165235		
111	101.7	83.2	124.8	
192	22.9	18.7	28.1	

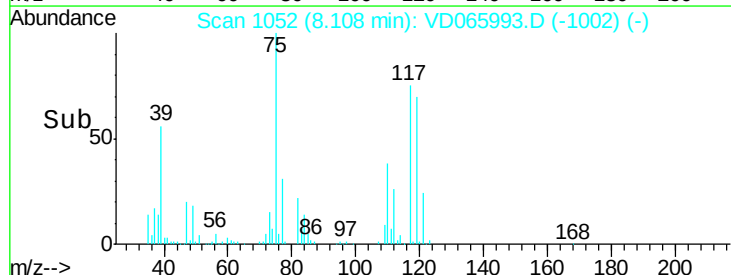
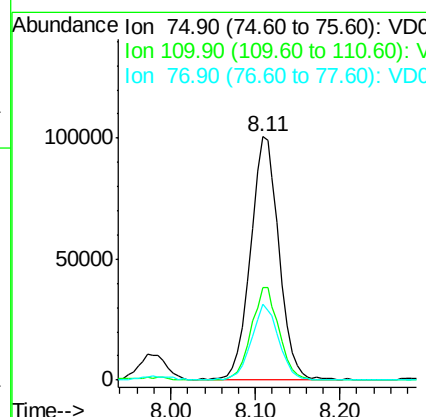
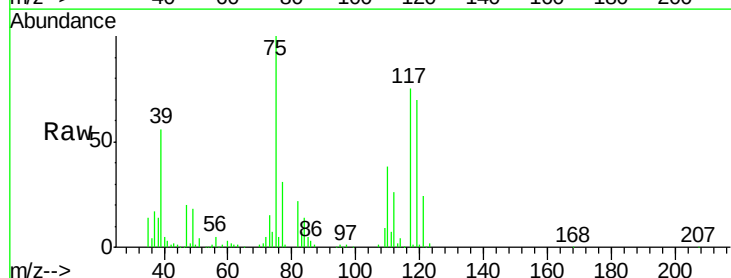
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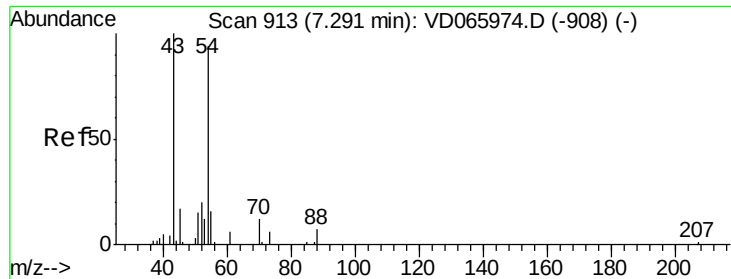
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#36
 1,1-Dichloropropene
 Concen: 51.705 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	234568		
110	37.2	19.5	58.5	
77	30.0	24.7	37.1	





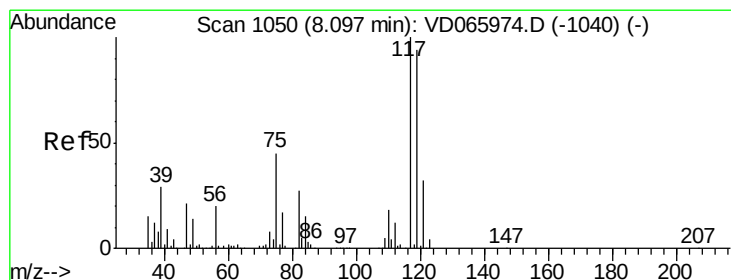
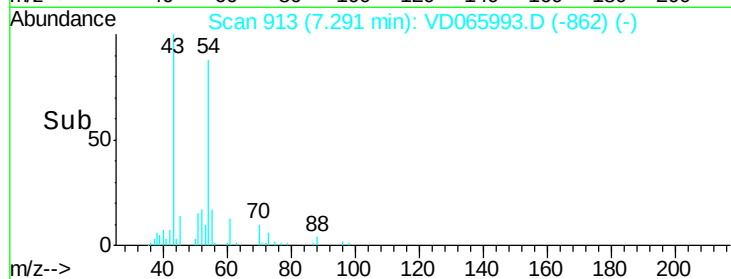
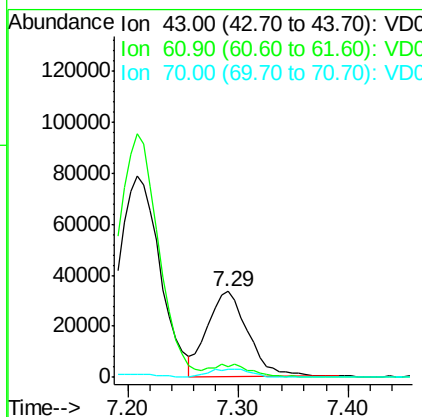
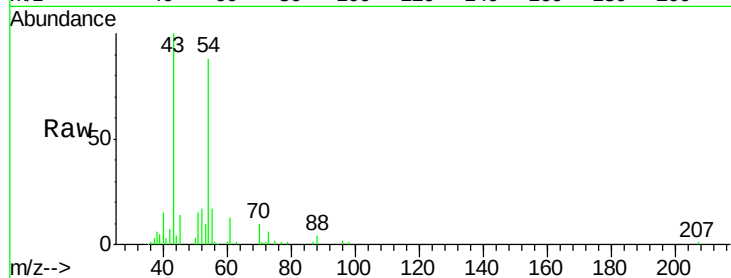
#37
Ethyl Acetate
Concen: 49.353 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.4	17.0
70	10.5	9.3	13.9

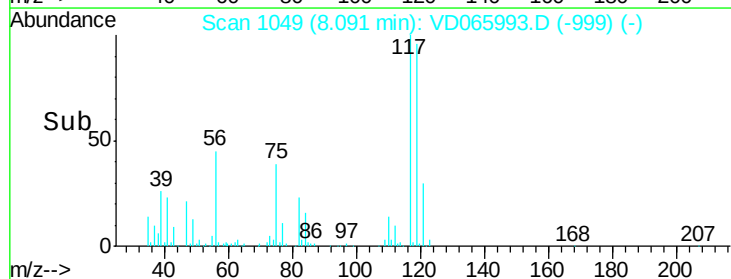
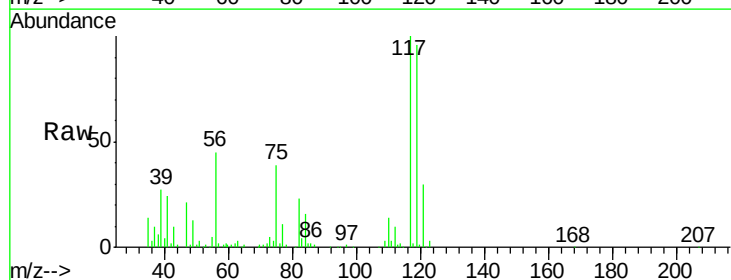
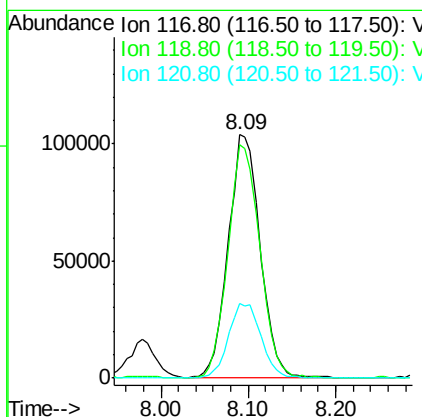
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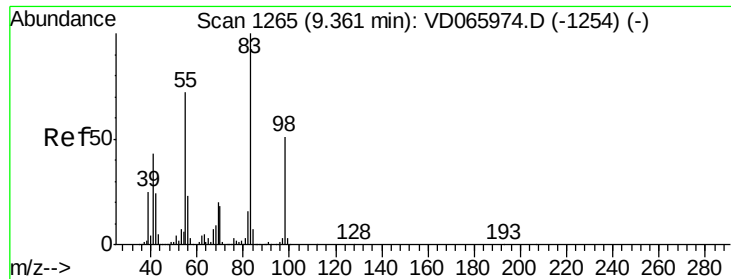
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.562 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
121	30.4	25.5	38.3





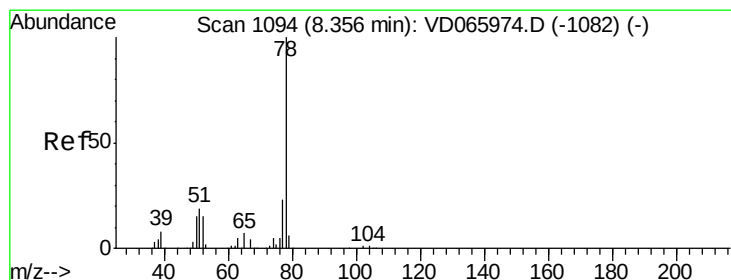
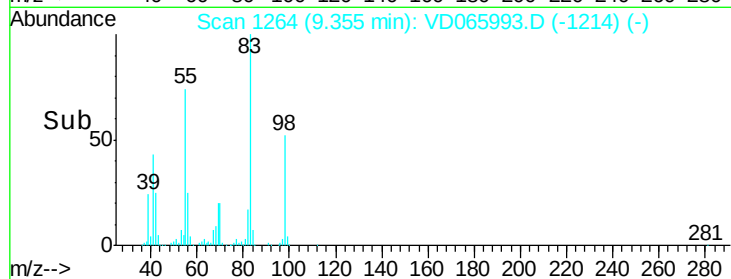
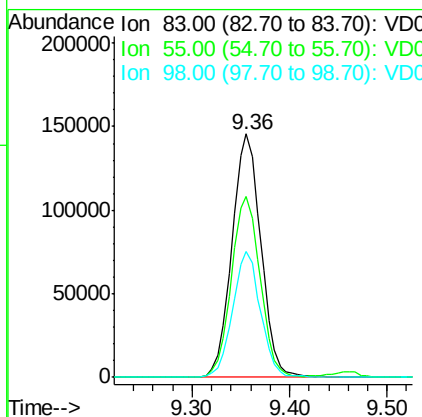
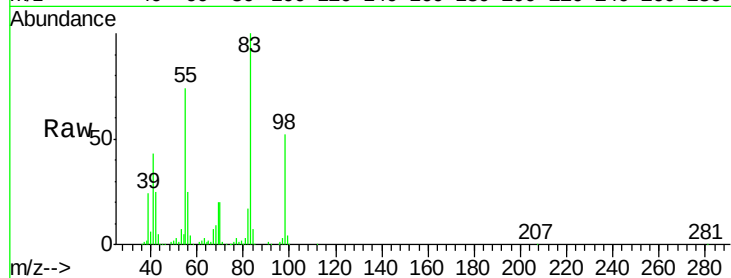
#39
Methylvlcyclohexane
Concen: 54.784 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.3	85.9
98	51.6	41.0	61.6

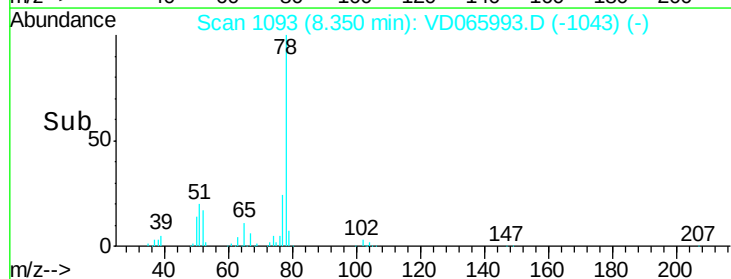
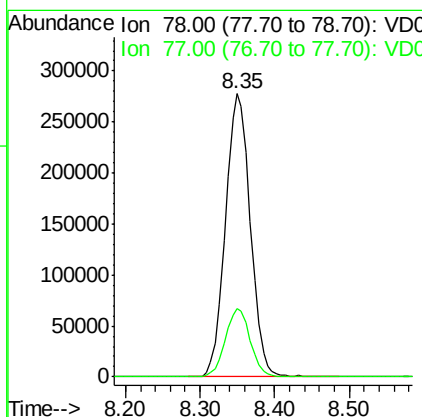
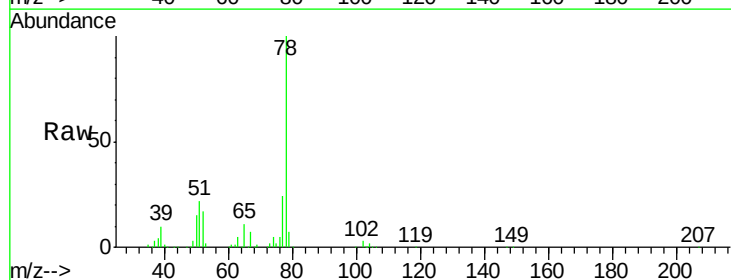
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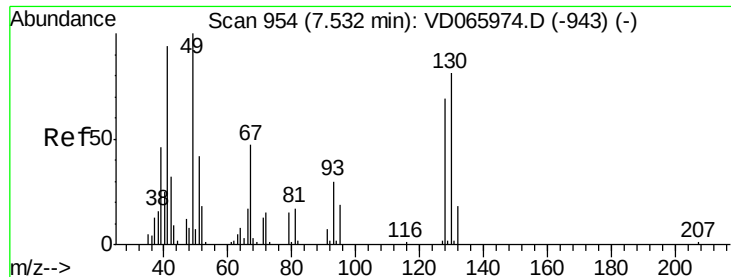
MMDadoda
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#40
Benzene
Concen: 50.764 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





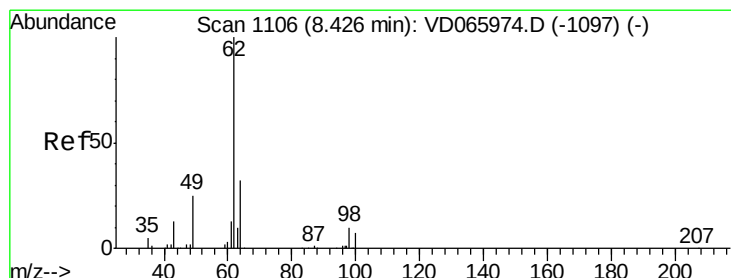
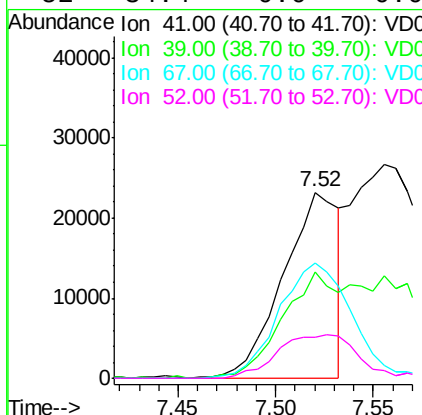
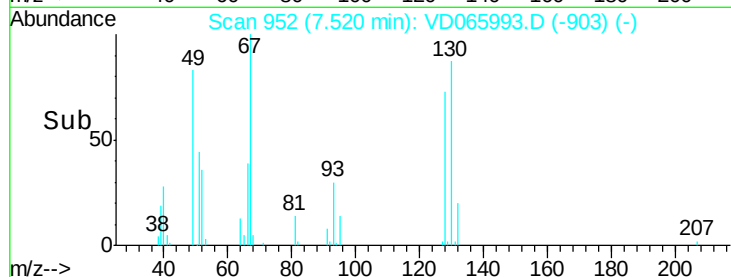
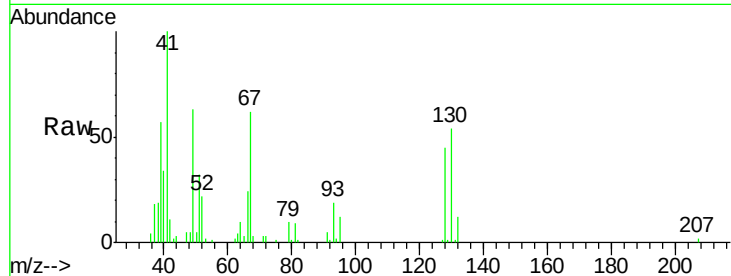
#41
Methacrylonitrile
Concen: 46.292 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.9	0.0	0.0#
67	80.8	0.0	0.0#
52	34.4	0.0	0.0#

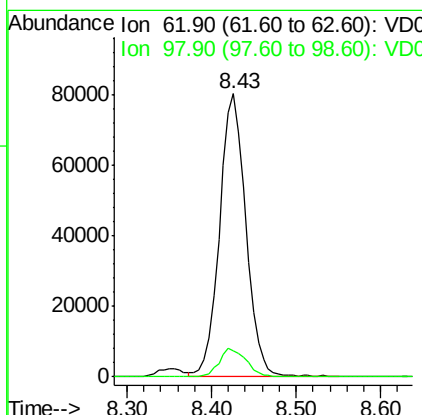
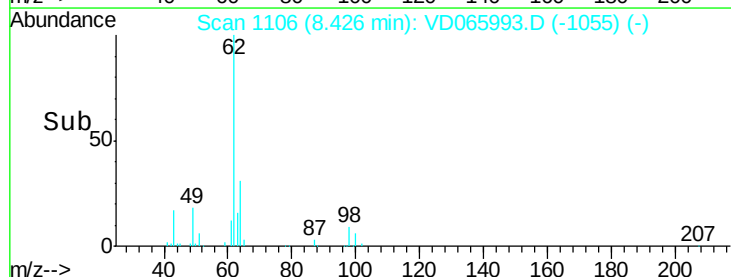
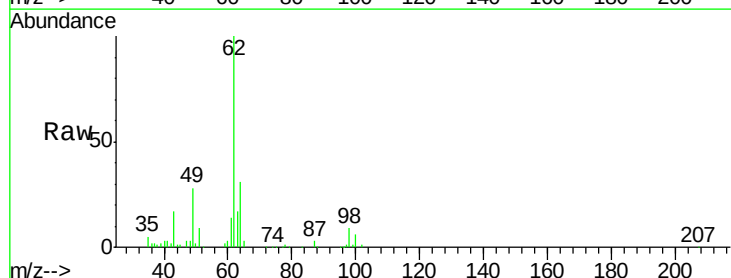
Manual Integrations
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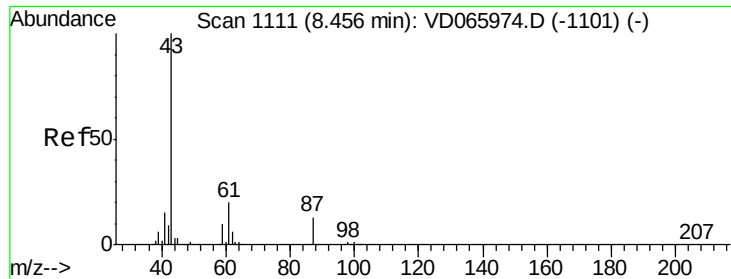
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.871 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 49.093 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

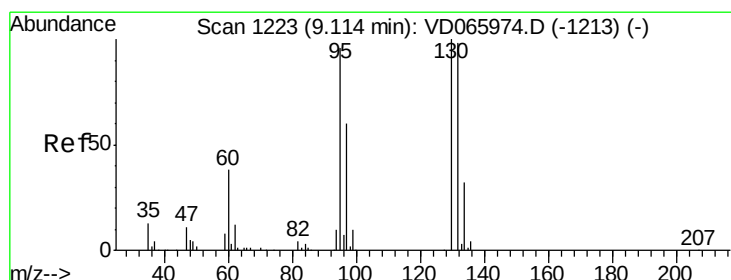
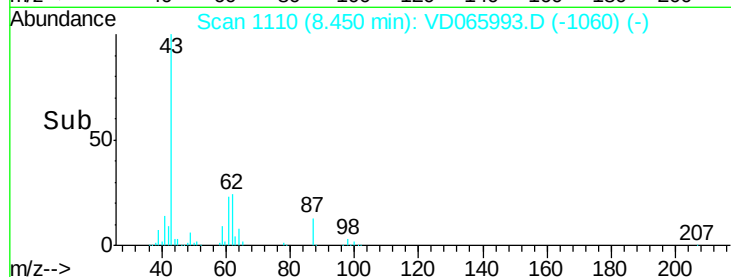
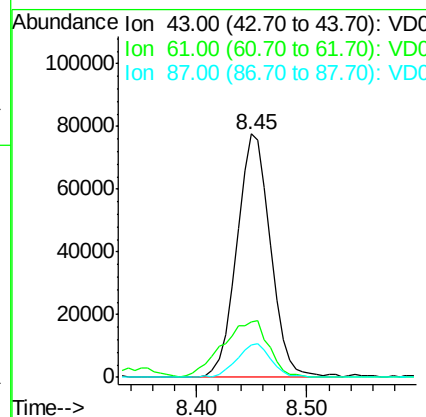
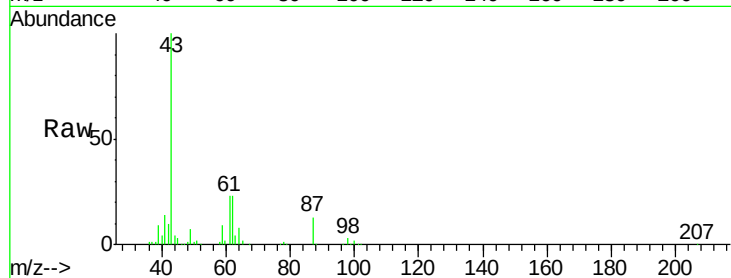
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	166126
Ion	Ratio	Lower	Upper
43	100		
61	32.1	25.8	38.8
87	13.9	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.817 ug/l

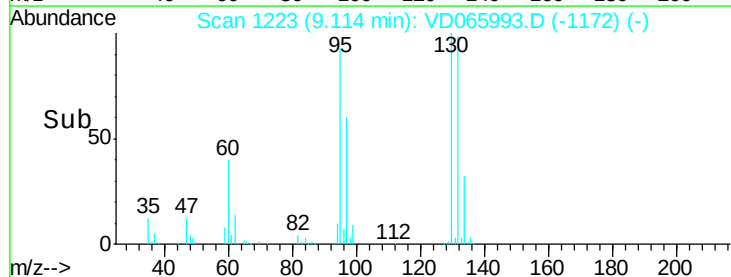
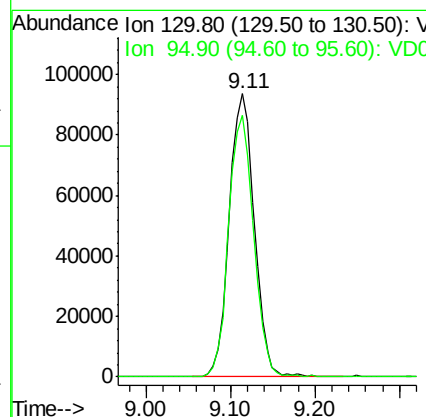
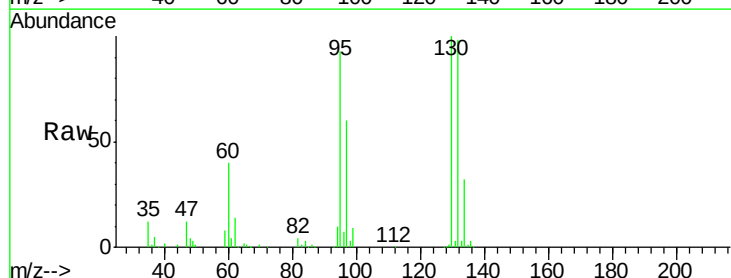
RT: 9.11 min Scan# 1223

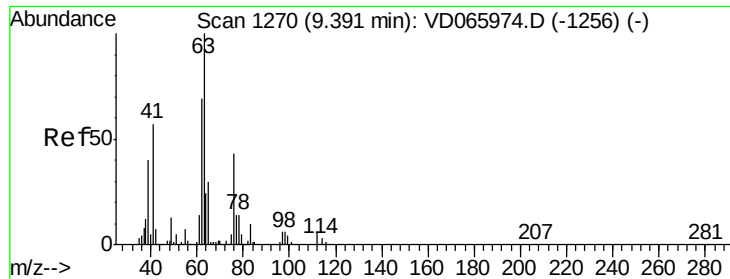
Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	130	Resp:	191336
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	191.6





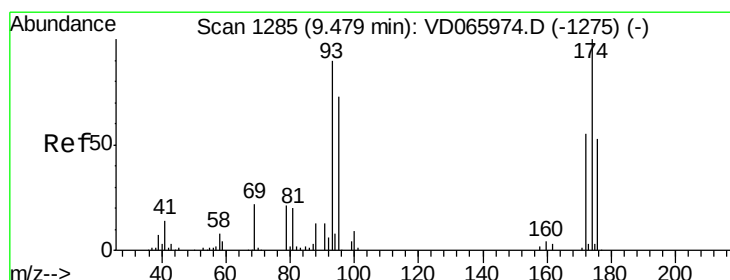
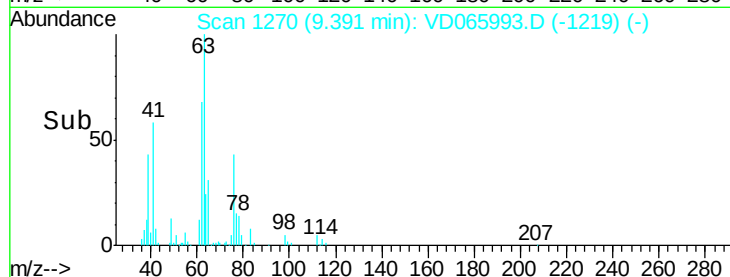
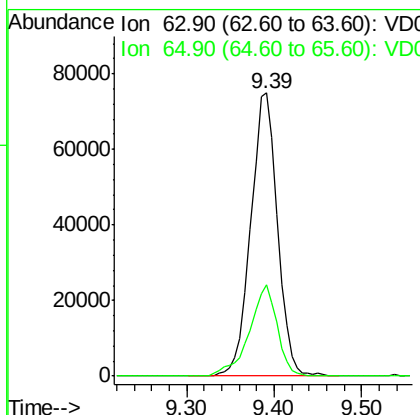
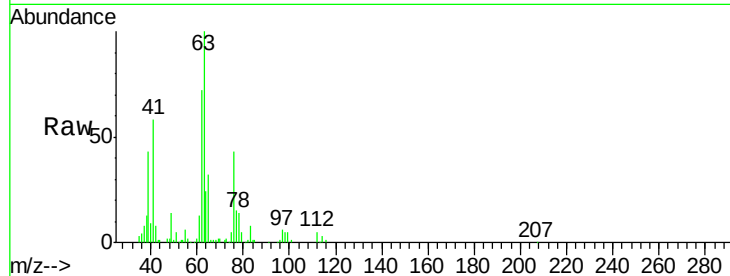
#45
 1,2-Dichloropropane
 Concen: 50.562 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.0	36.0

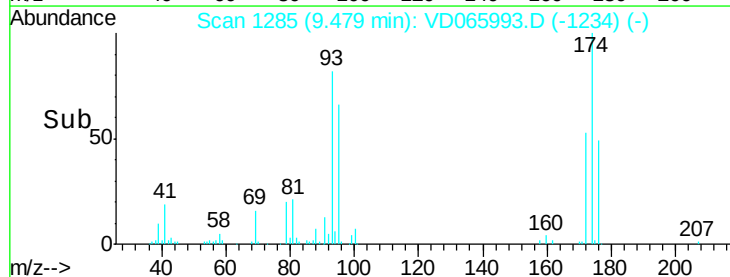
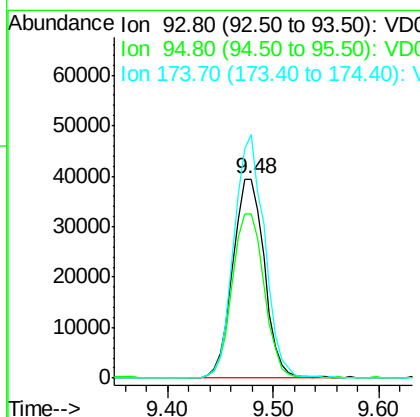
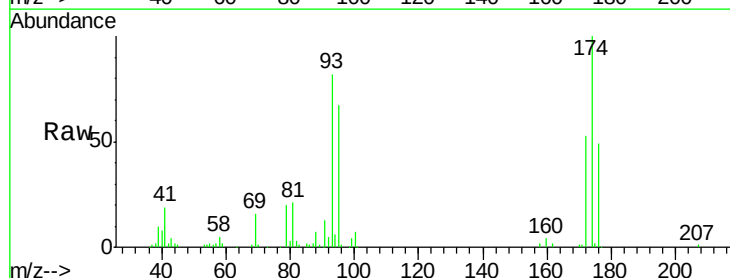
Manual Integrations
 APPROVED

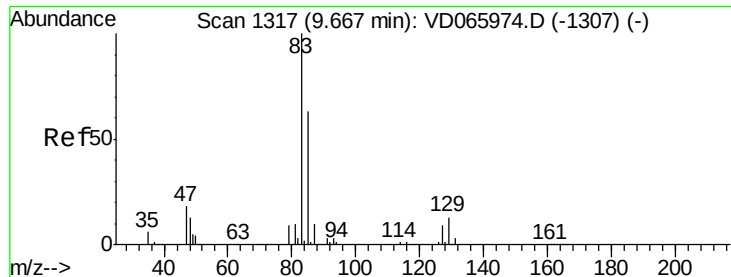
MMDadoda
 7/23/2020 2:14:29 PM



#46
 Dibromomethane
 Concen: 49.408 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.4
174	118.1	91.5	137.3





#47

Bromodichloromethane

Concen: 50.865 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

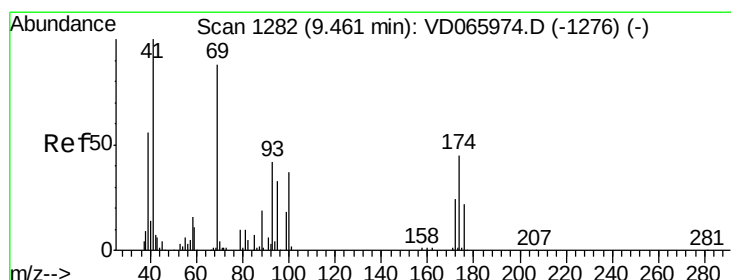
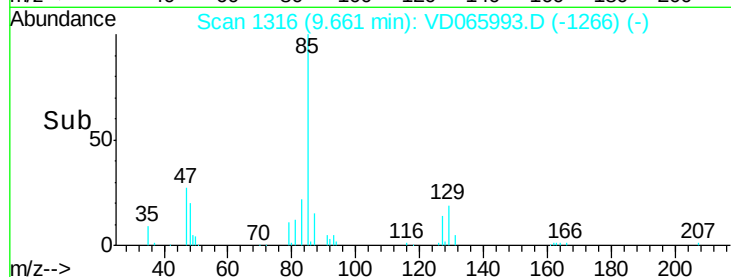
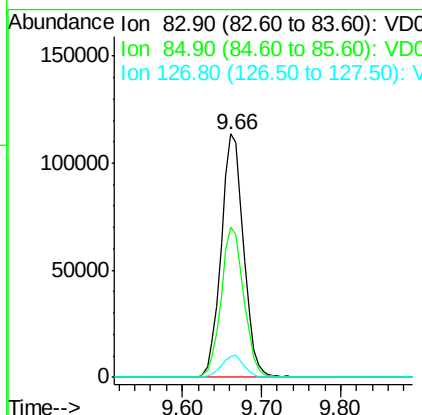
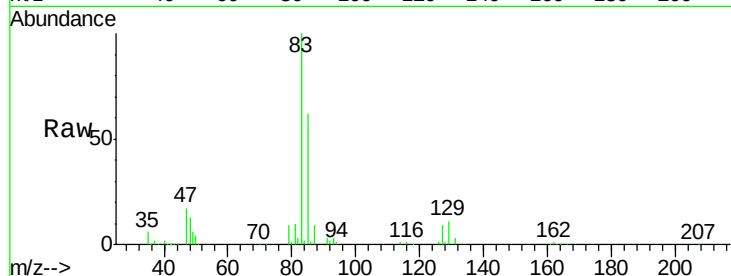
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	222556
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.6	75.8
127	8.6	7.1	10.7

Manual Integrations
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MMDadoda
7/23/2020 2:14:29 PM



#48

Methyl methacrylate

Concen: 52.372 ug/l

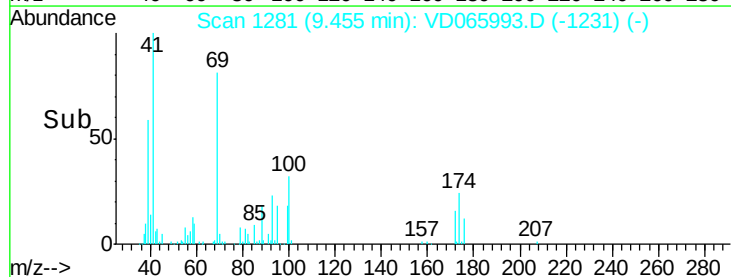
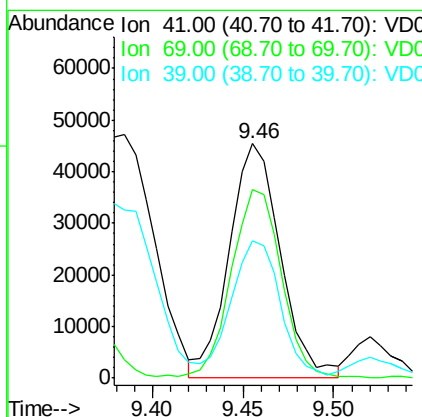
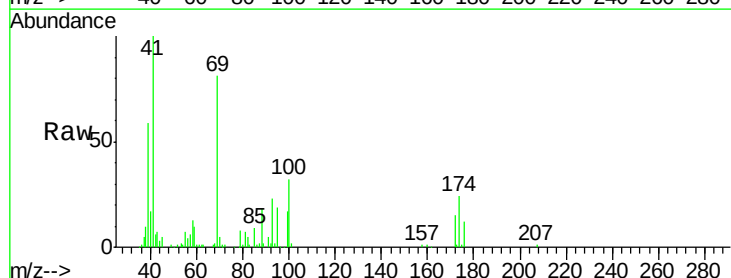
RT: 9.46 min Scan# 1281

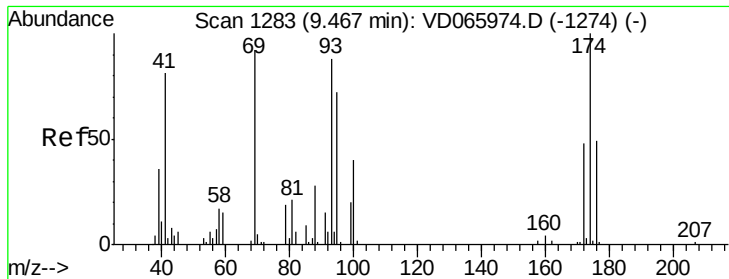
Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	41	Resp:	89396
Ion Ratio	Lower	Upper	
41	100		
69	77.7	65.1	97.7
39	53.2	41.5	62.3





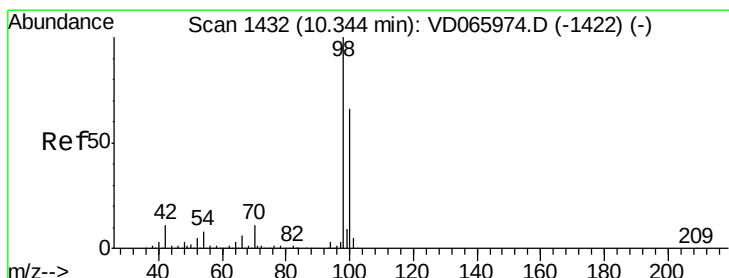
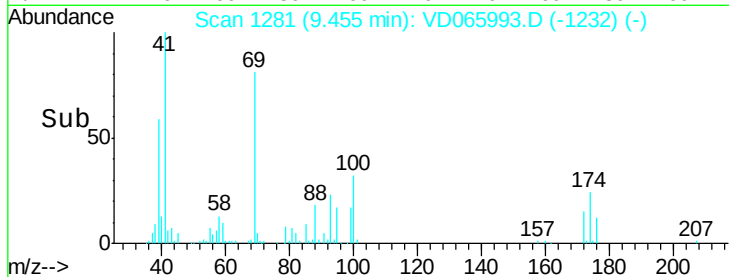
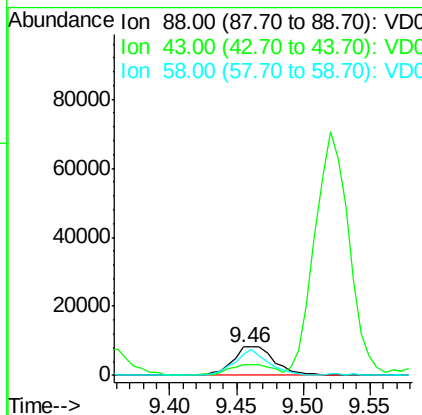
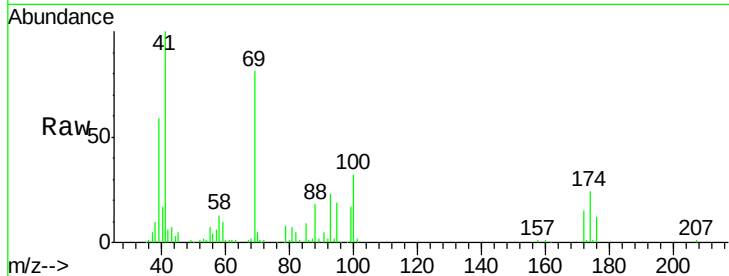
#49
1,4-Dioxane
Concen: 931.228 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	17853
Ion	Ratio	Lower	Upper
88	100		
43	40.5	29.0	43.6
58	75.2	57.0	85.4

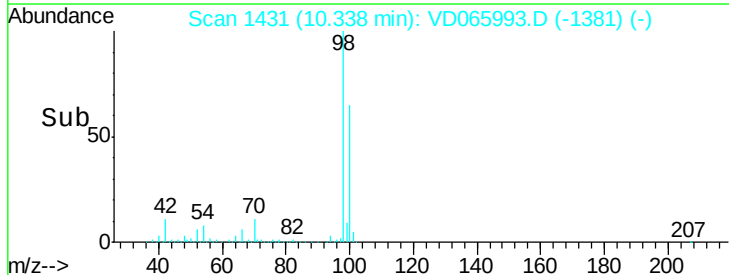
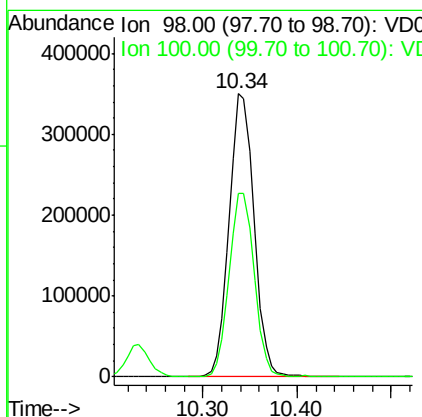
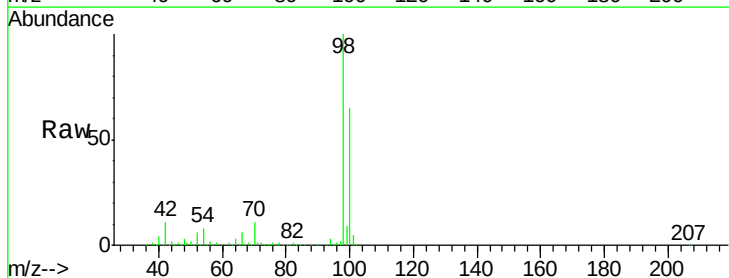
Manual Integrations
APPROVED

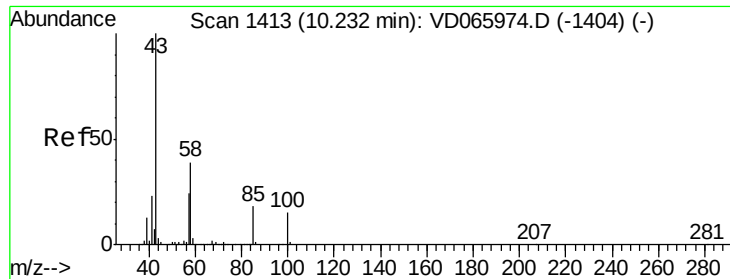
MMDadoda
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#50
Toluene-d8
Concen: 54.025 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	98	Resp	648881
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 250.474 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 427059

Ion Ratio Lower Upper

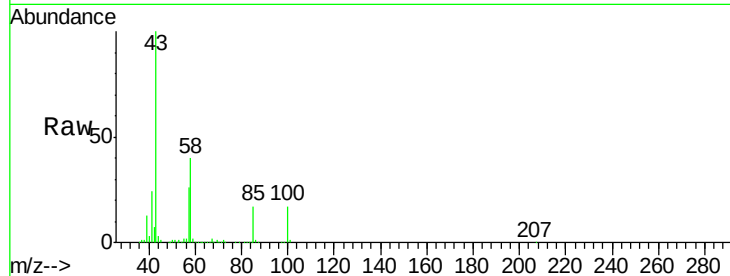
43 100

58 38.2 31.3 46.9

Manual Integrations
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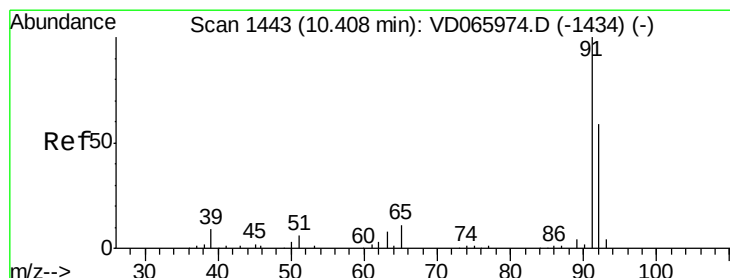
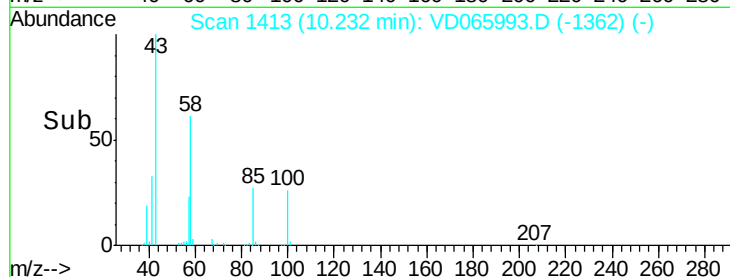
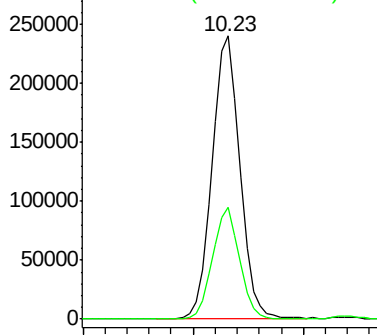
MMDadoda

7/23/2020 2:14:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.317 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD065993.D

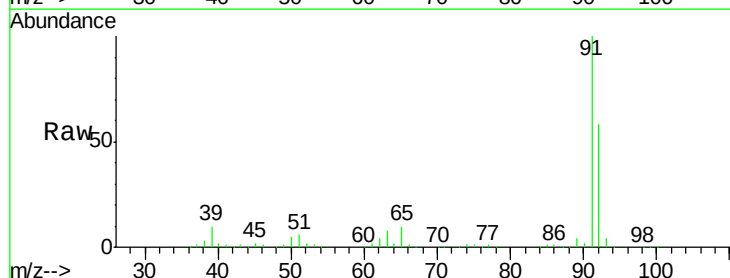
Acq: 22 Jul 2020 10:02

Tgt Ion: 92 Resp: 424748

Ion Ratio Lower Upper

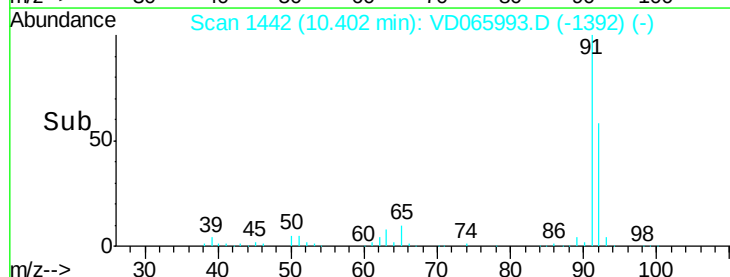
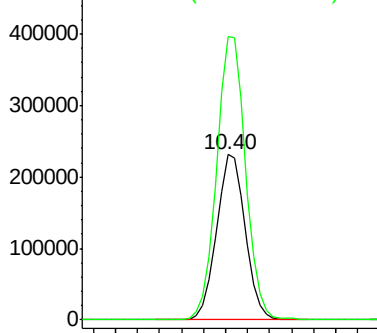
92 100

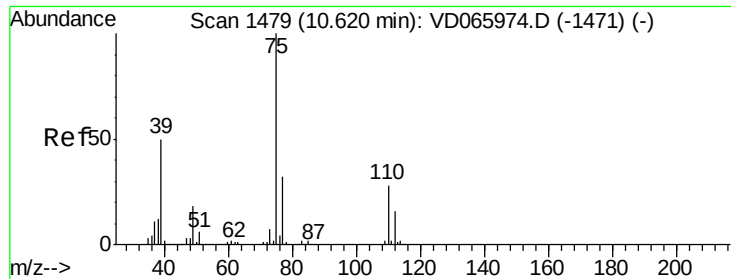
91 172.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





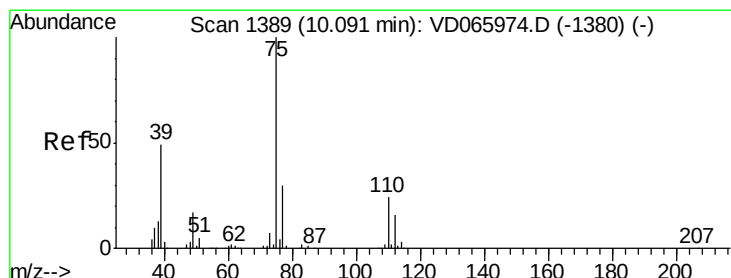
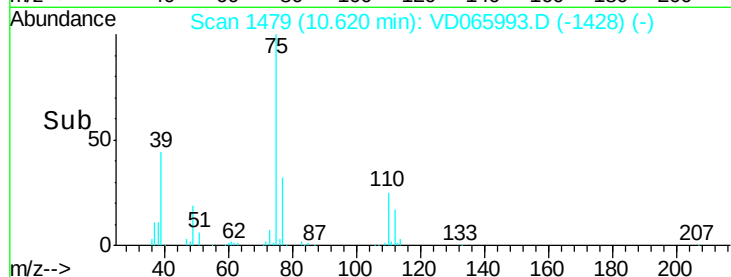
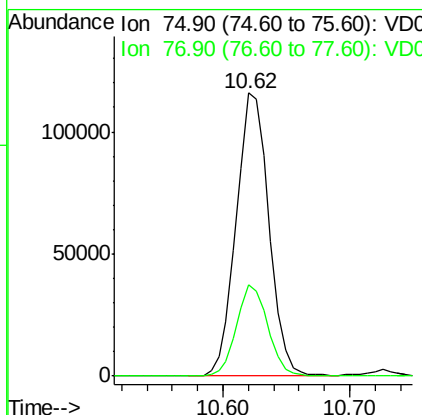
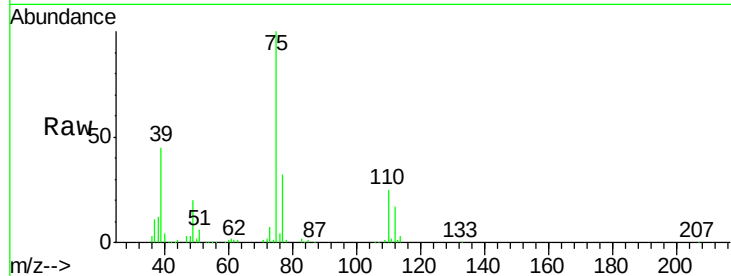
#53
 t-1,3-Dichloropropene
 Concen: 50.945 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 207668
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6

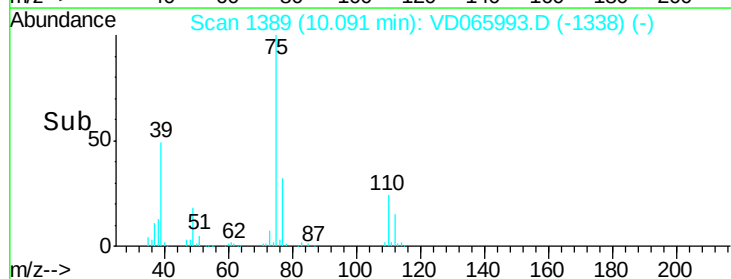
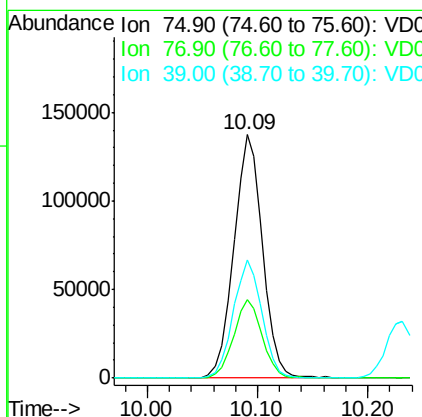
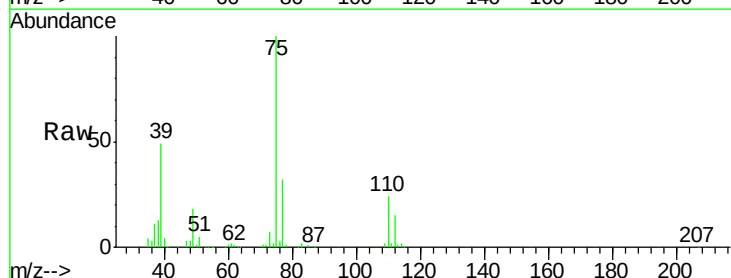
Manual Integrations
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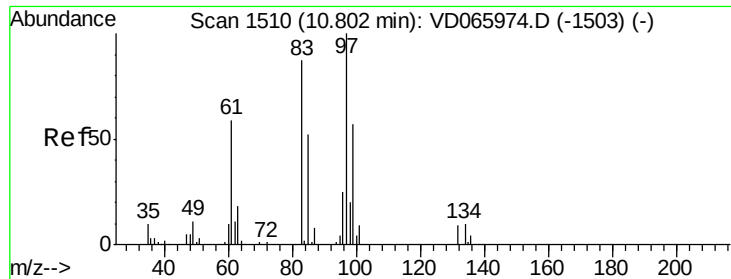
MMDadoda
 7/23/2020 2:14:29 PM



#54
 cis-1,3-Dichloropropene
 Concen: 50.579 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 75 Resp: 249923
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.8 35.8
 39 48.5 38.8 58.2





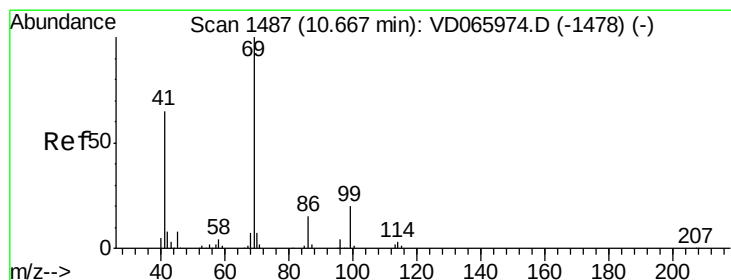
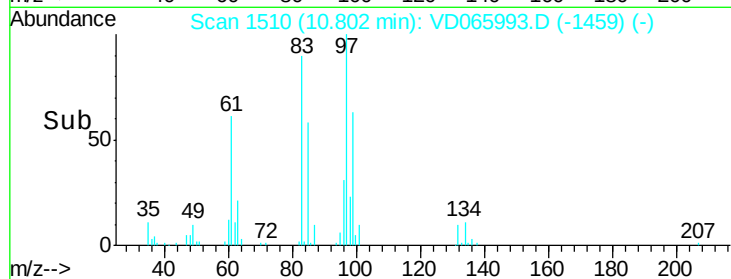
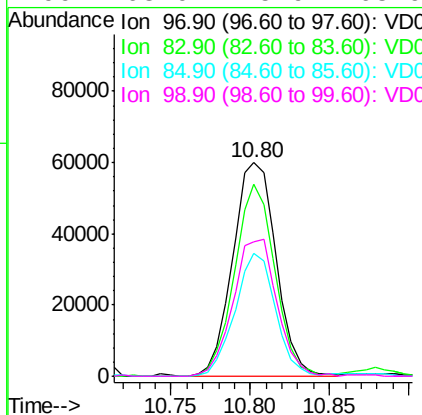
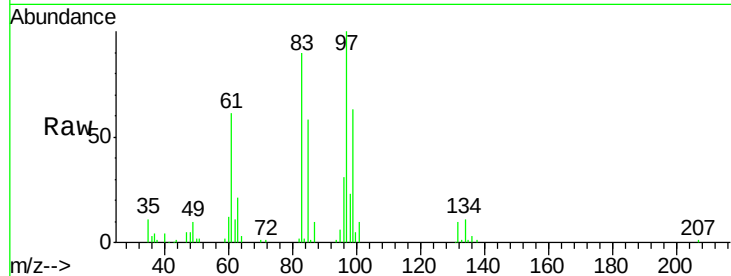
#55
 1,1,2-Trichloroethane
 Concen: 48.639 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	114151
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.7	104.5
85	57.7	41.6	62.4
99	63.0	45.9	68.9

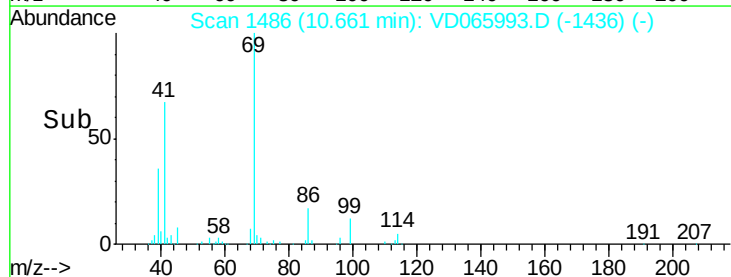
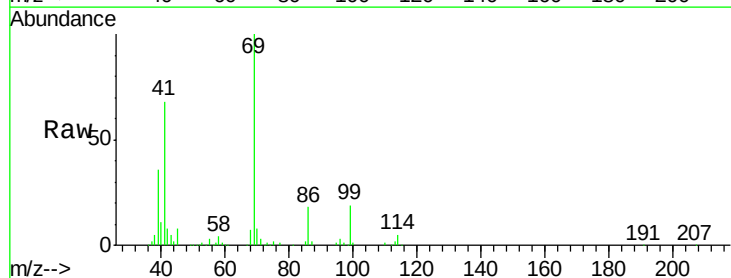
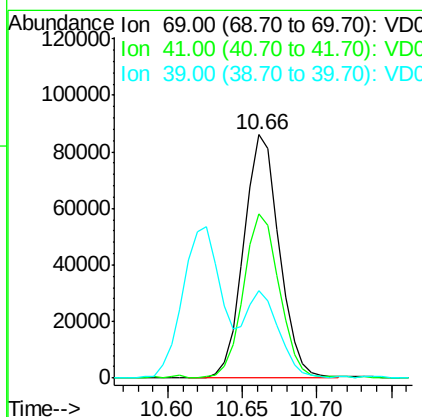
Manual Integrations
 APPROVED

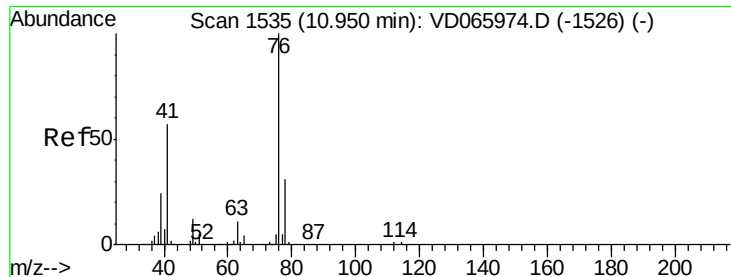
MMDadoda
 7/23/2020 2:14:29 PM



#56
 Ethyl methacrylate
 Concen: 51.940 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion:	69	Resp:	141723
Ion	Ratio	Lower	Upper
69	100		
41	67.5	52.3	78.5
39	34.5	25.2	37.8





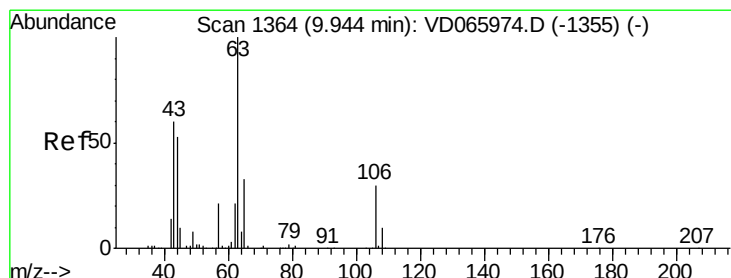
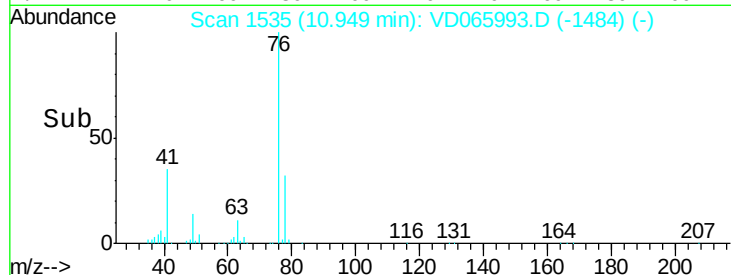
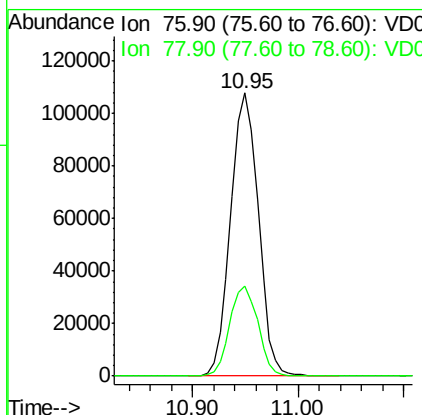
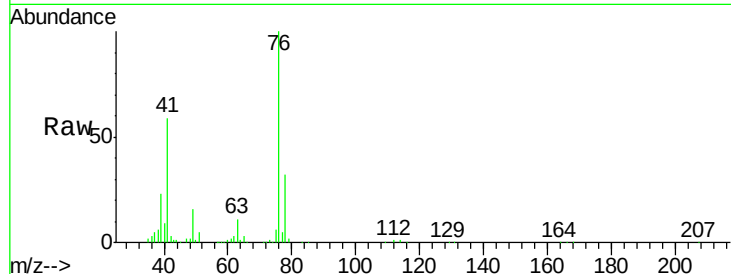
#57
 1,3-Dichloropropane
 Concen: 50.536 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 196340
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

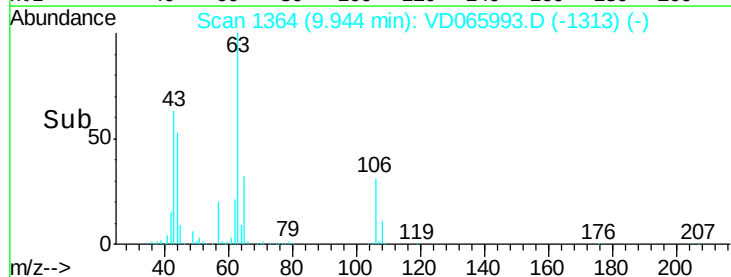
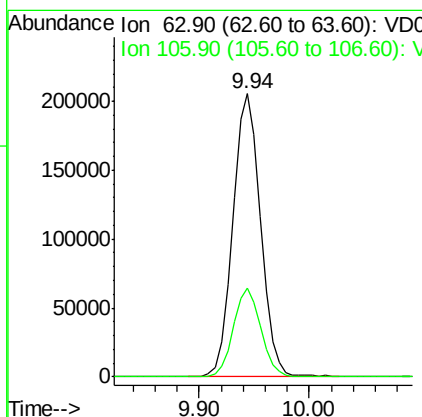
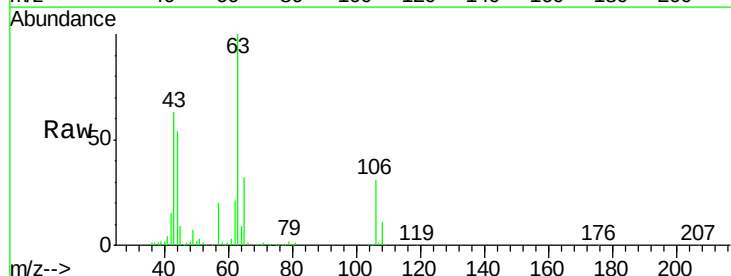
Manual Integrations
 APPROVED

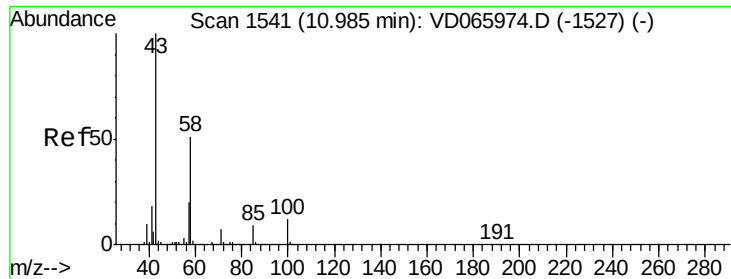
MMDadoda
 7/23/2020 2:14:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.850 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 63 Resp: 362170
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.4 36.6





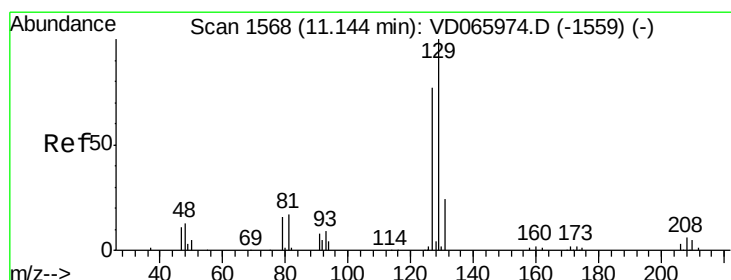
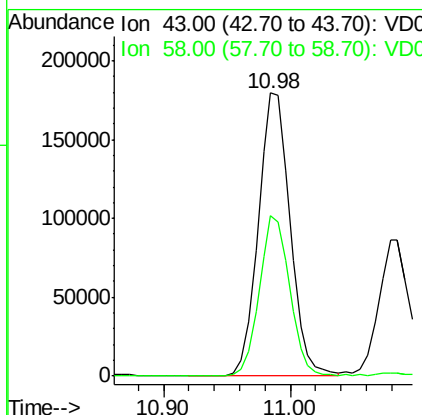
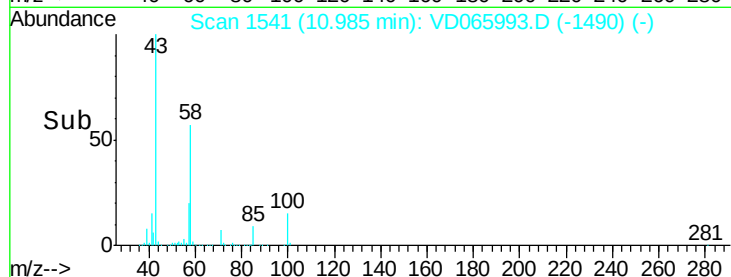
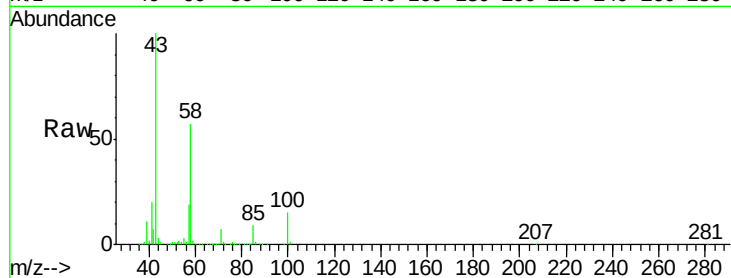
#59
2-Hexanone
Concen: 265.481 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 313678
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.6

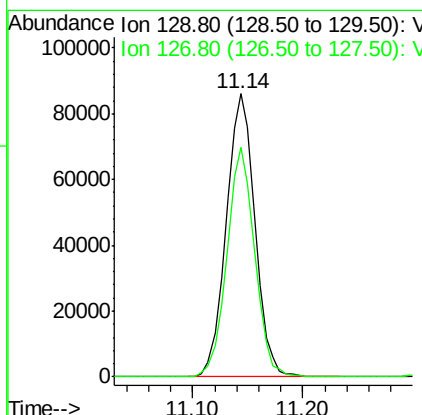
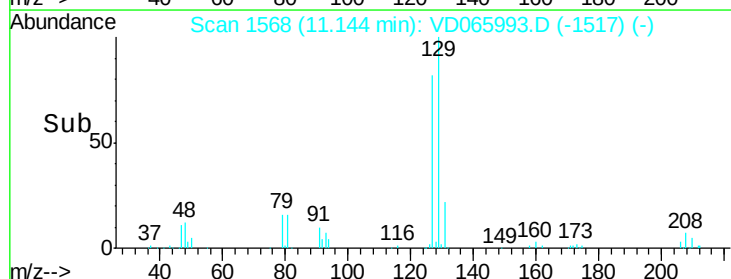
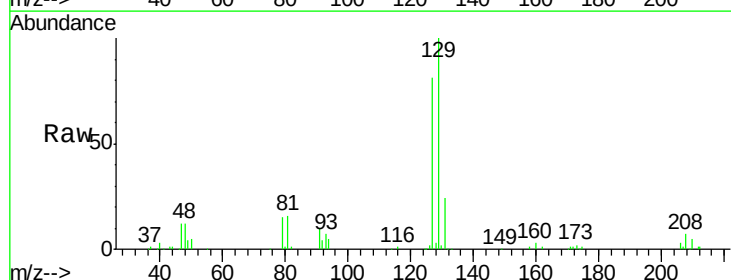
Manual Integrations
APPROVED

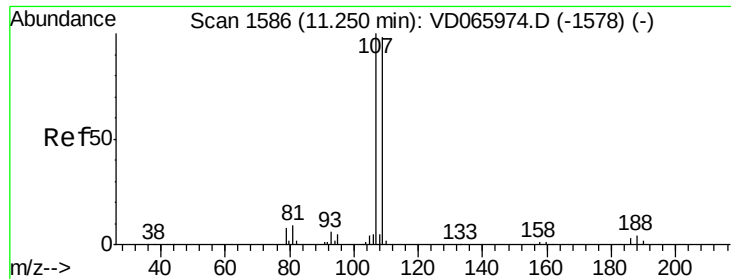
MMDadoda
7/23/2020 2:14:29 PM



#60
Dibromochloromethane
Concen: 49.489 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion:129 Resp: 156600
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





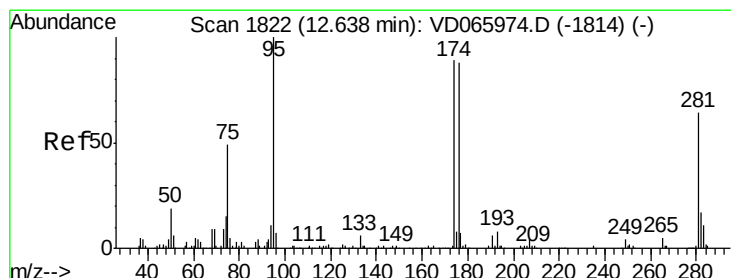
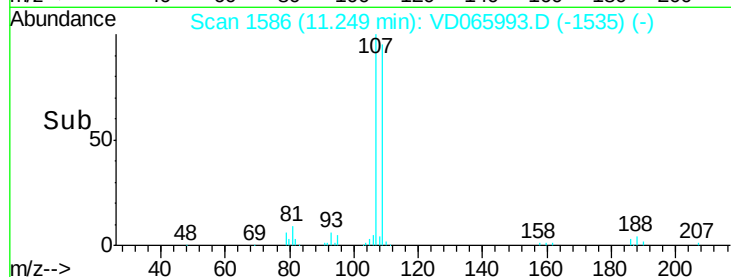
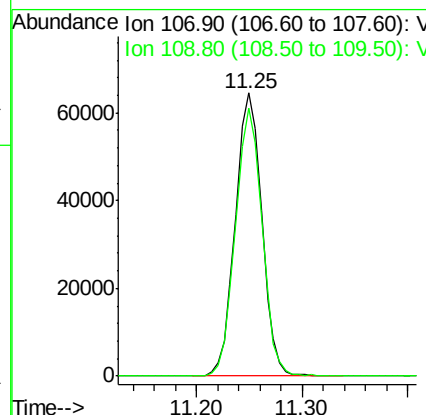
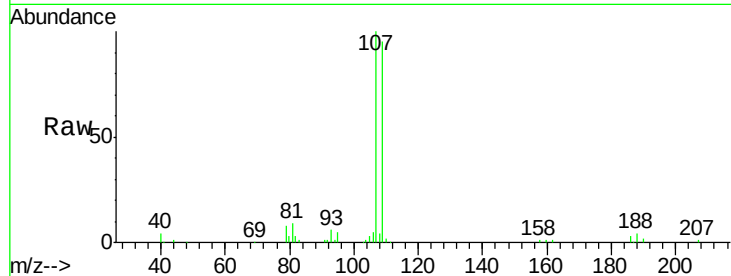
#61
 1,2-Dibromoethane
 Concen: 49.634 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.0	112.4

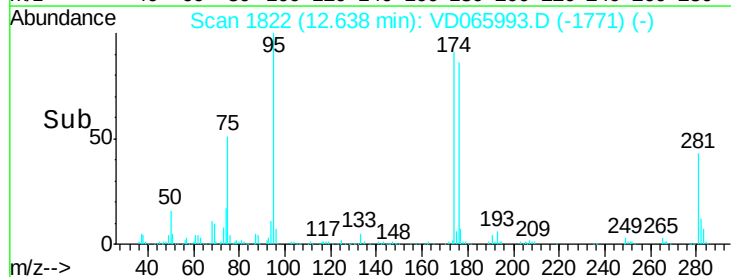
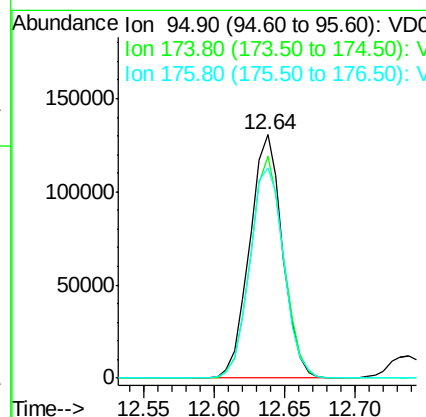
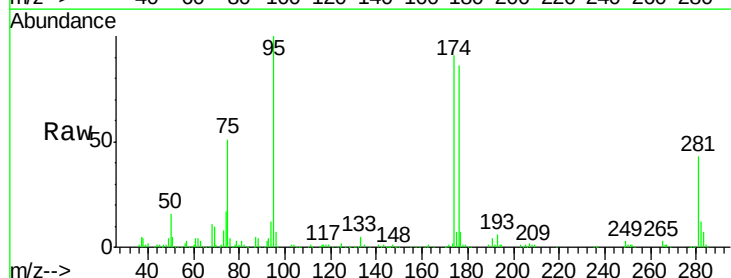
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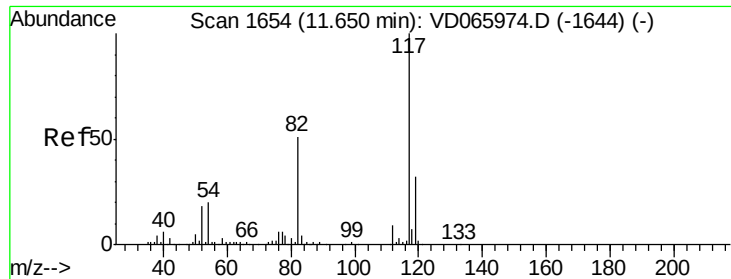
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 51.295 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	178.8
176	89.5	0.0	172.6





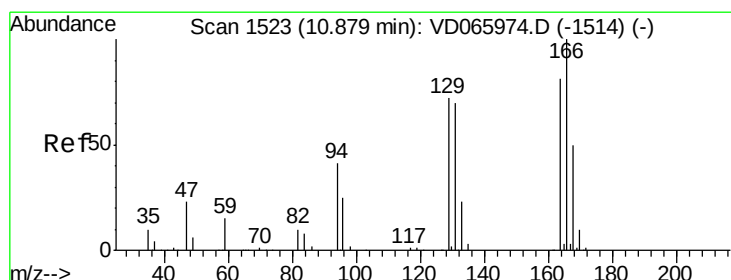
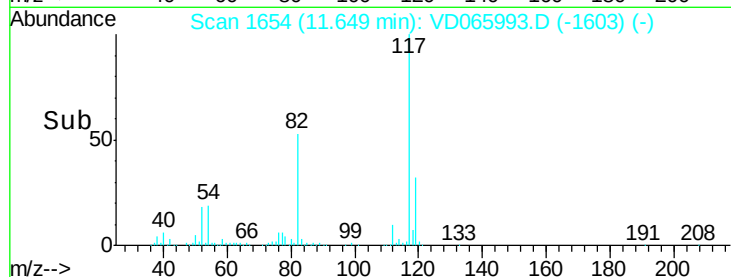
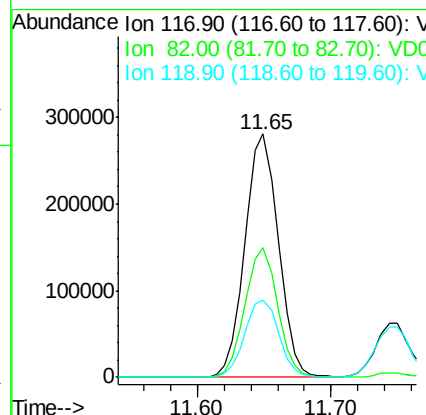
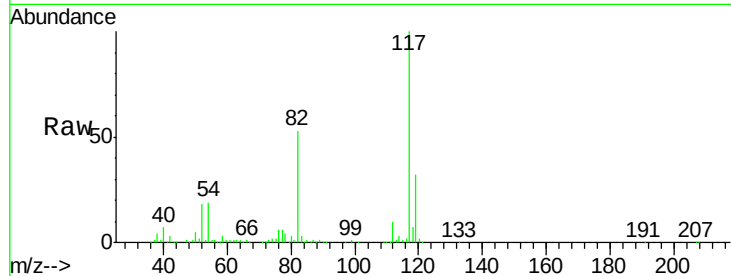
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486025		
82	53.3		41.1	61.7
119	31.6		25.9	38.9

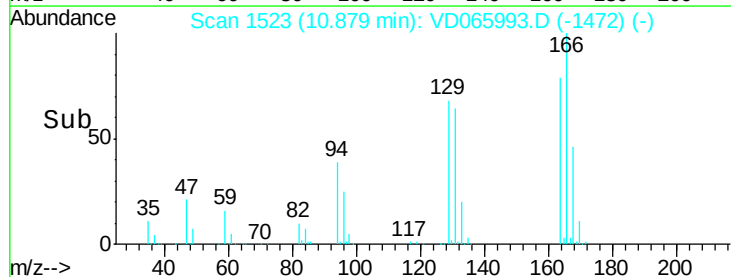
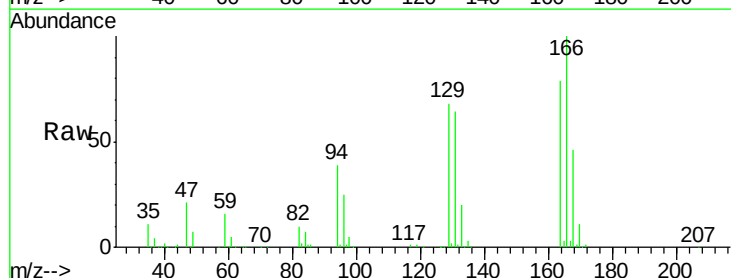
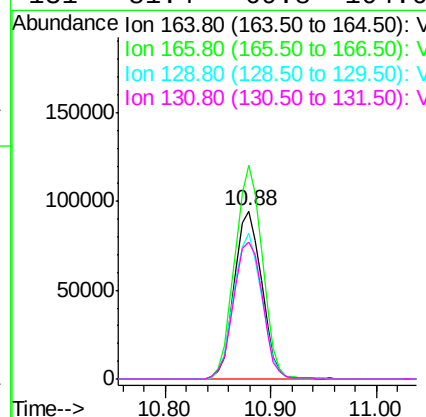
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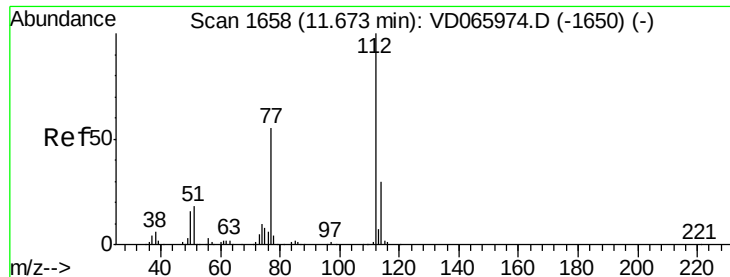
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#64
Tetrachloroethene
Concen: 51.628 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170312		
166	127.2		99.1	148.7
129	86.5		71.5	107.3
131	81.4		69.8	104.6





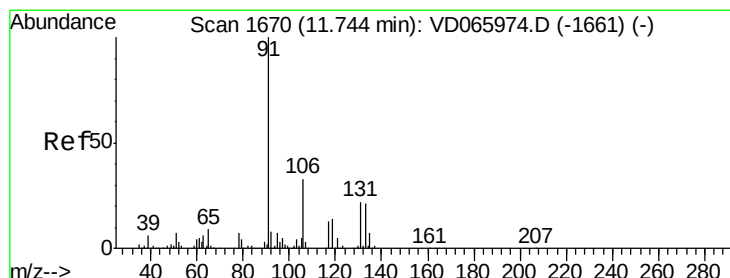
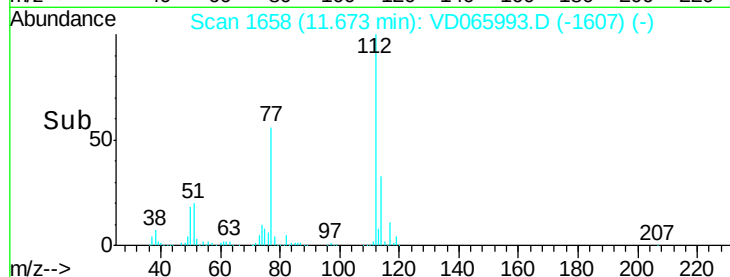
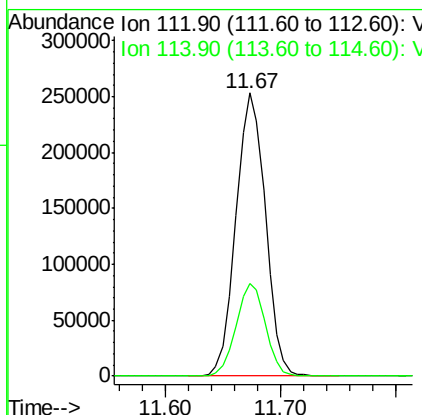
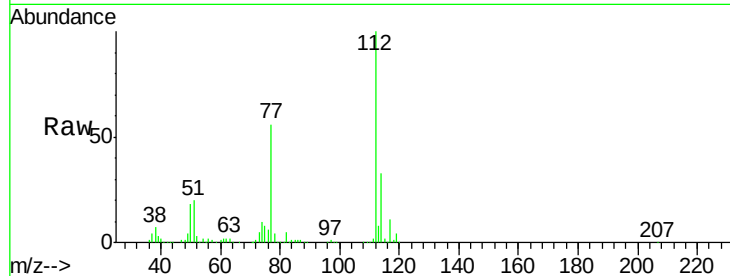
#65
Chlorobenzene
Concen: 50.294 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	24.4	36.6

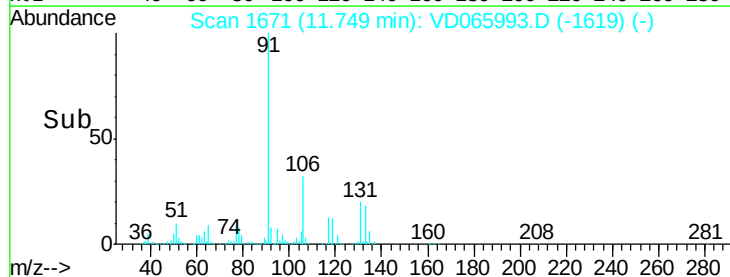
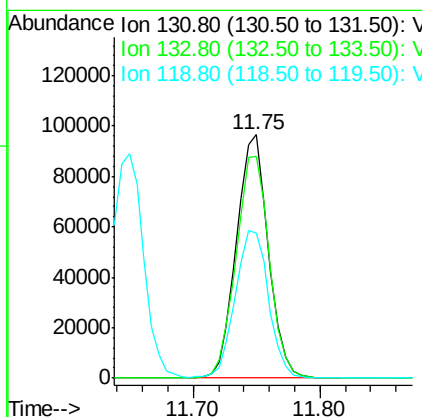
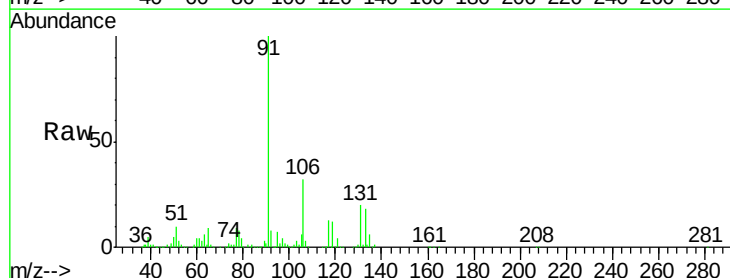
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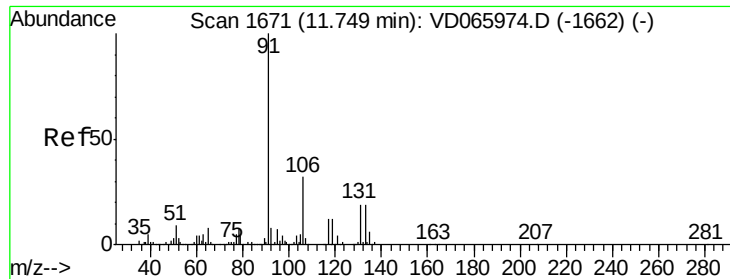
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.200 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	142.0
119	63.5	31.7	95.1





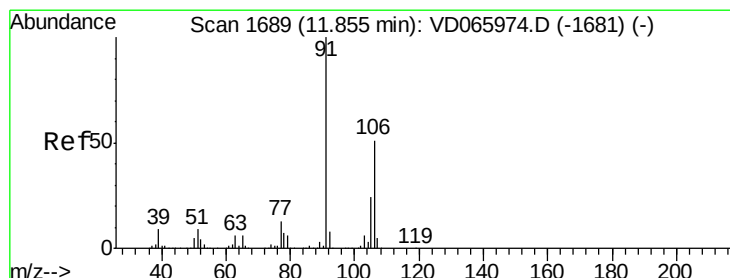
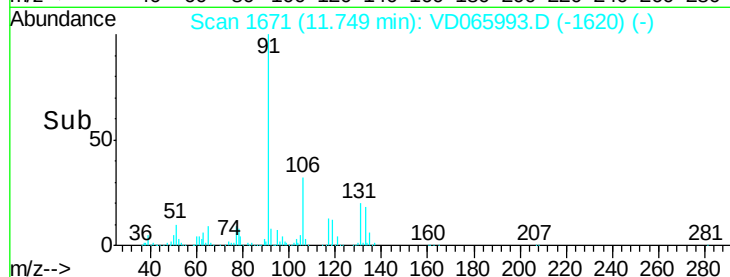
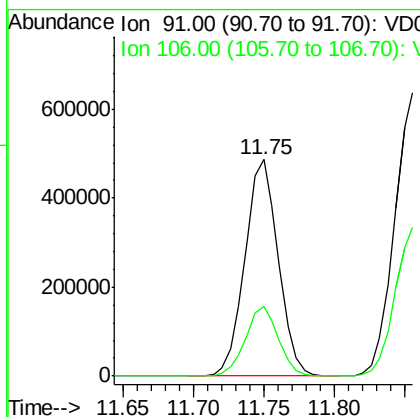
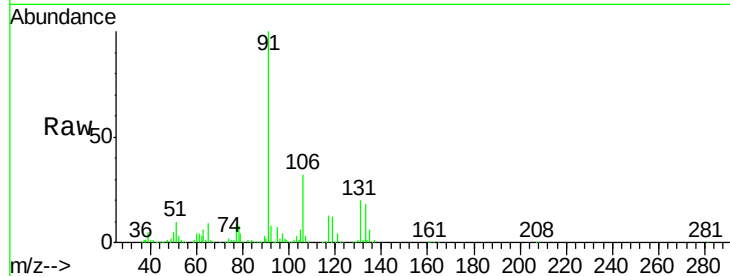
#67
Ethyl Benzene
Concen: 52.583 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 805271
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

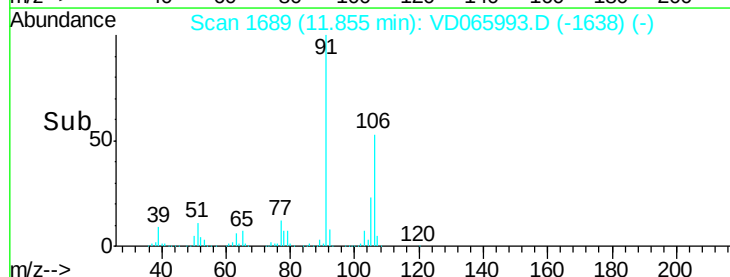
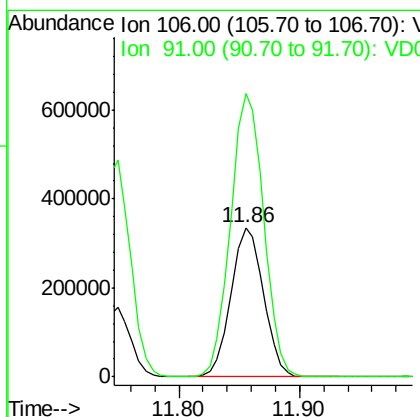
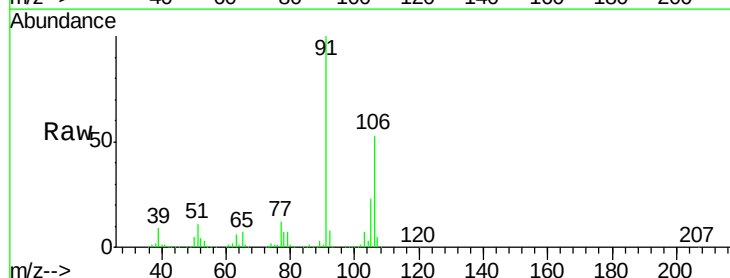
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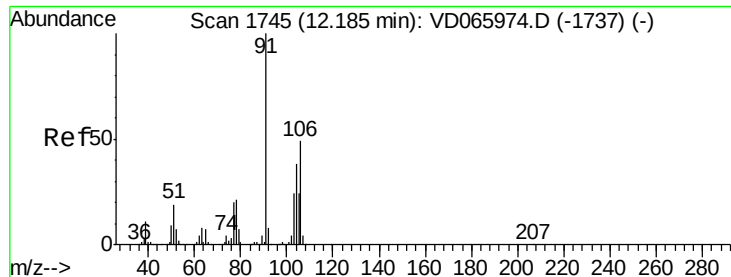
MMDadoda
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#68
m/p-Xylenes
Concen: 106.993 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 106 Resp: 629776
Ion Ratio Lower Upper
106 100
91 193.3 157.0 235.6





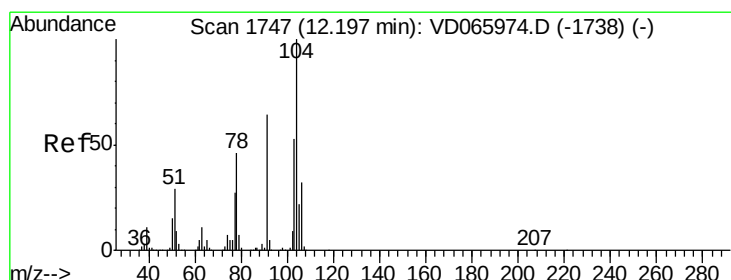
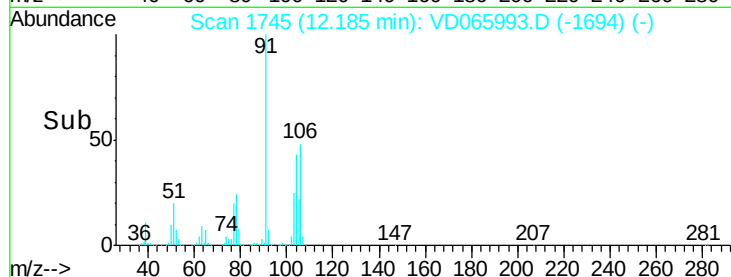
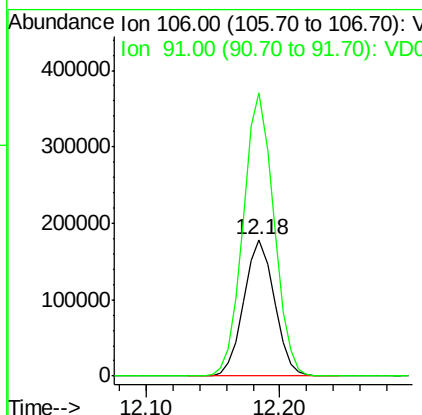
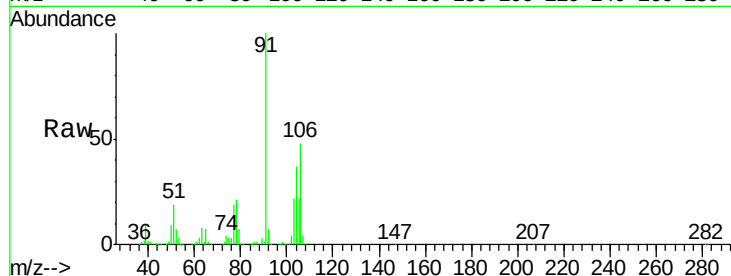
#69
o-Xylene
Concen: 52.960 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
283530	106	100		
	91	207.5	103.1	309.3

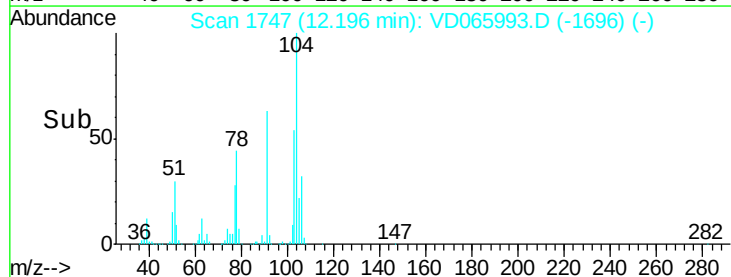
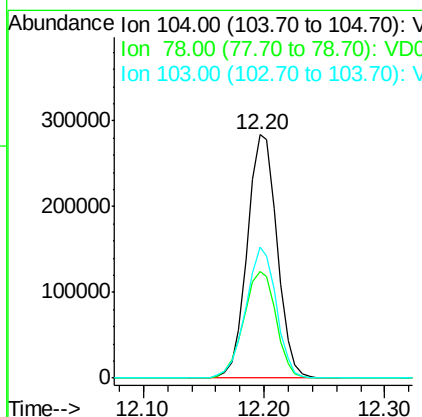
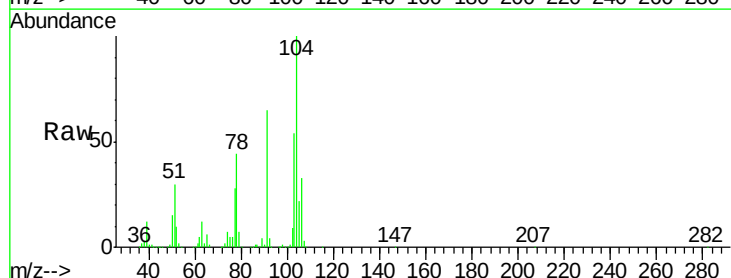
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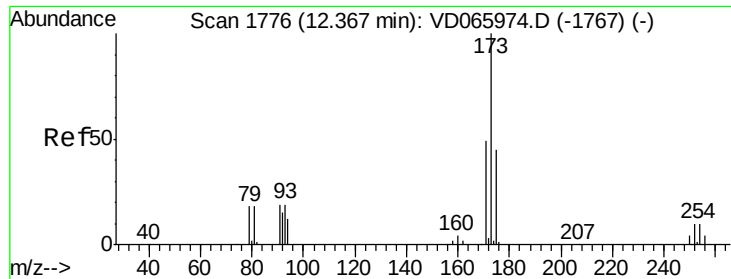
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#70
Styrene
Concen: 53.266 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
489963	104	100		
	78	47.8	38.3	57.5
	103	55.2	43.8	65.8





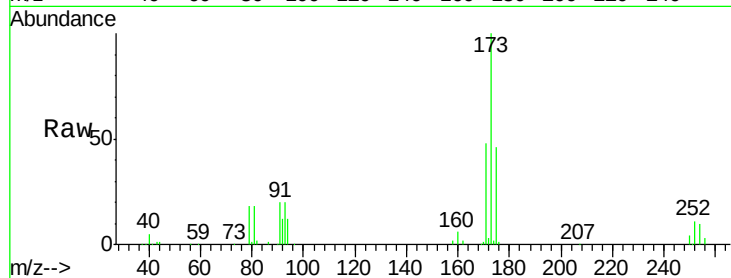
#71
Bromoform
Concen: 49.231 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

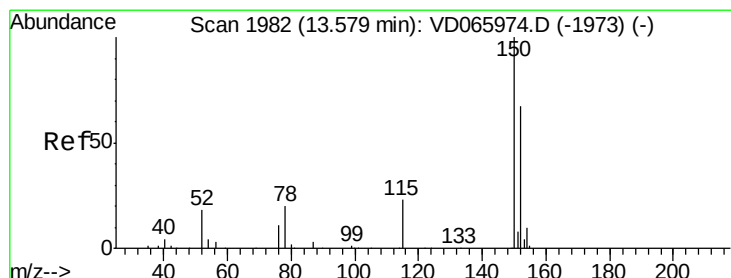
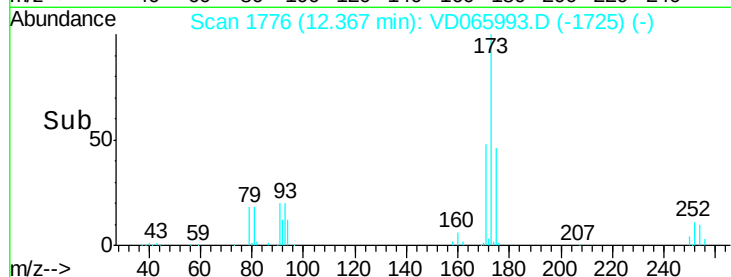
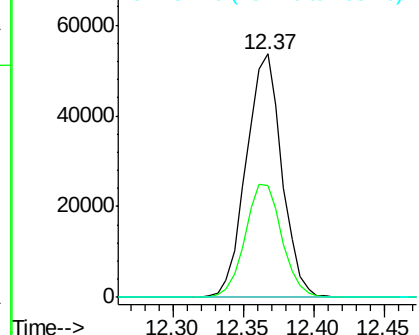
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.3
254	0.0	0.0	0.0

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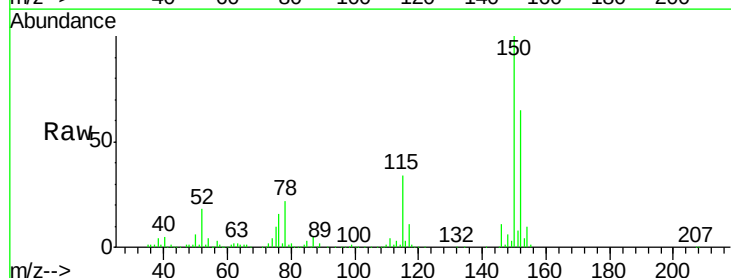


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

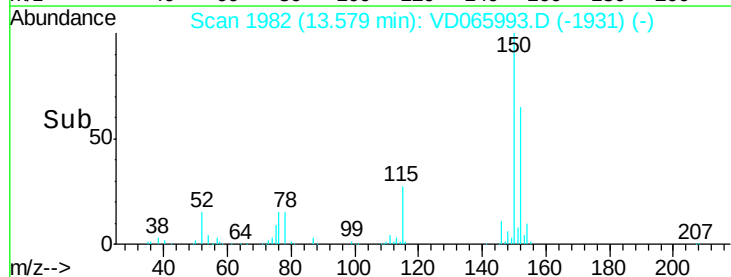
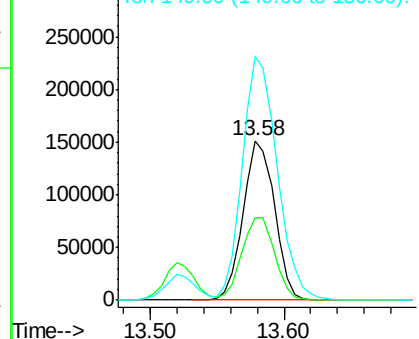


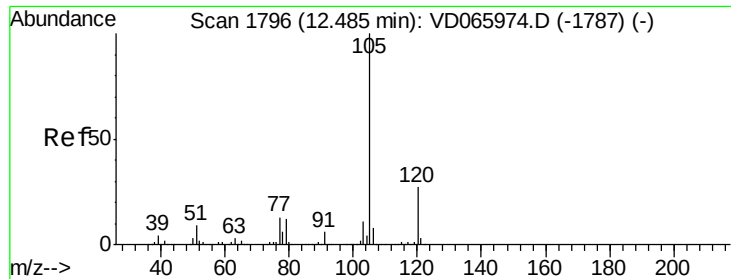
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.9	83.7
150	169.4	0.0	348.2



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





#73

Isopropylbenzene

Concen: 53.164 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 790563

Ion Ratio Lower Upper

105 100

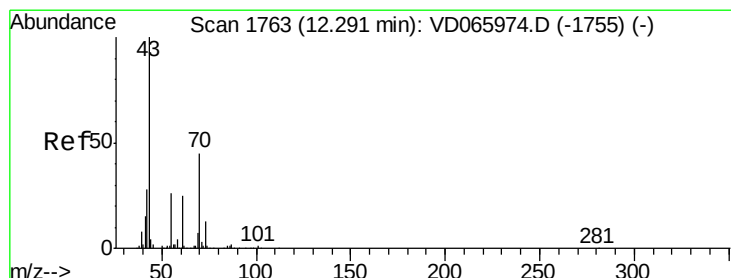
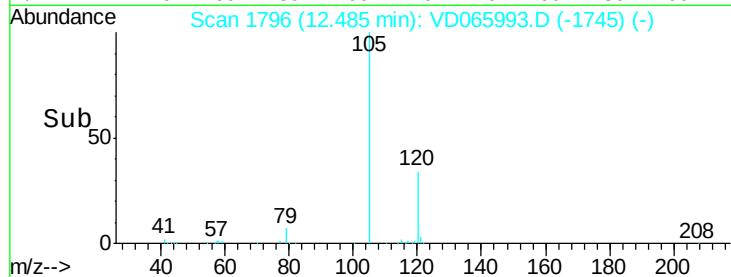
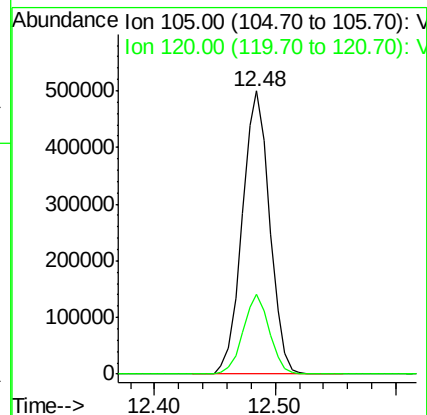
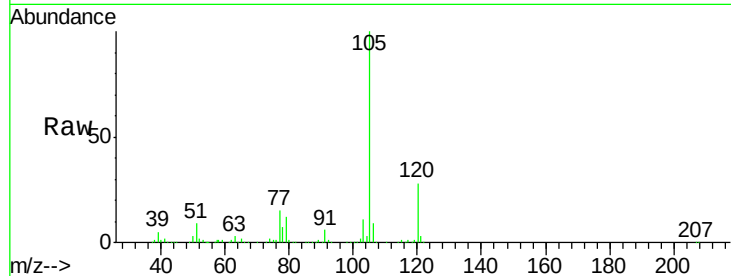
120 27.1 13.6 40.8

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#74

N-ethyl acetate

Concen: 52.039 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion: 43 Resp: 160446

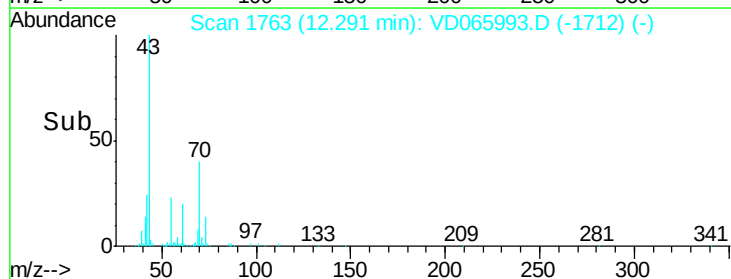
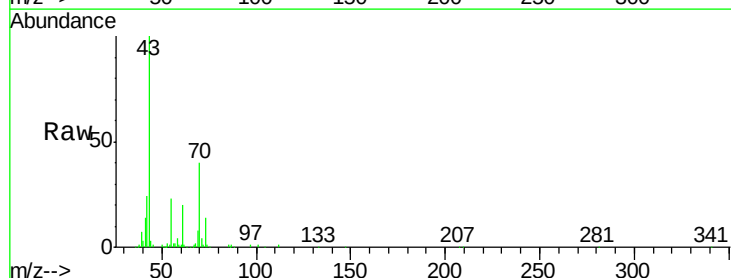
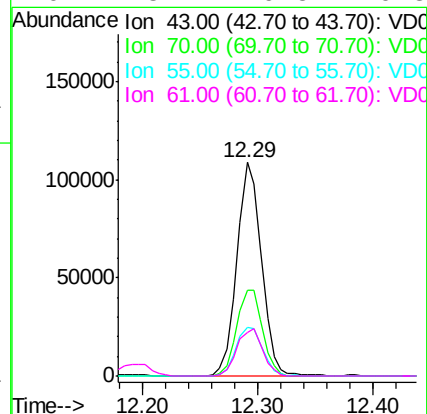
Ion Ratio Lower Upper

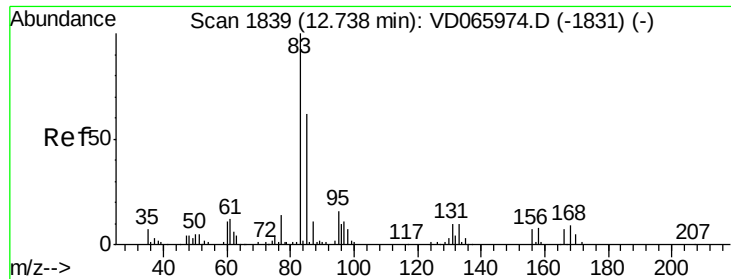
43 100

70 42.1 34.6 51.8

55 25.0 20.3 30.5

61 23.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.834 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

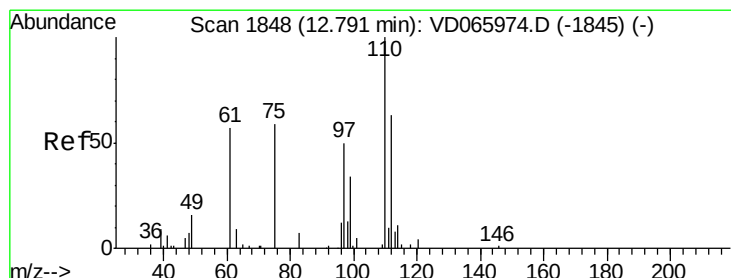
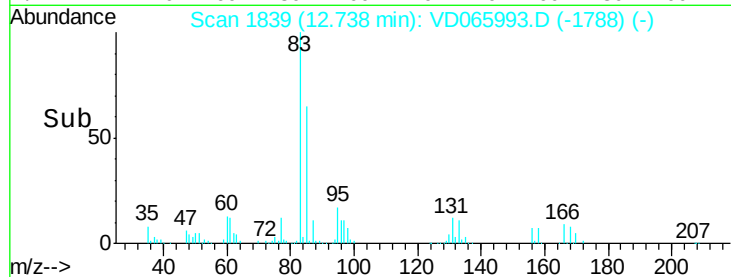
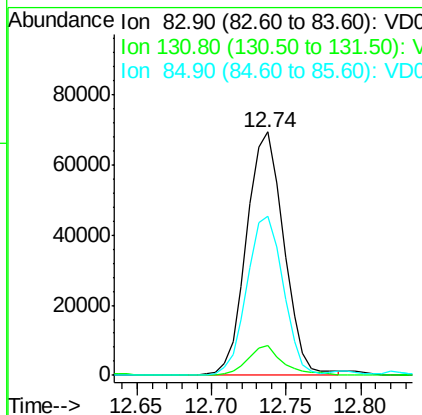
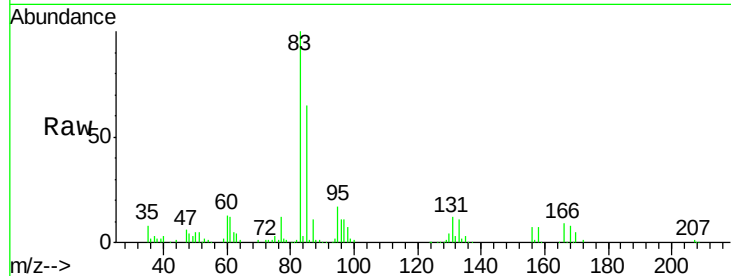
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	120010
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	63.9	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 48.915 ug/l m

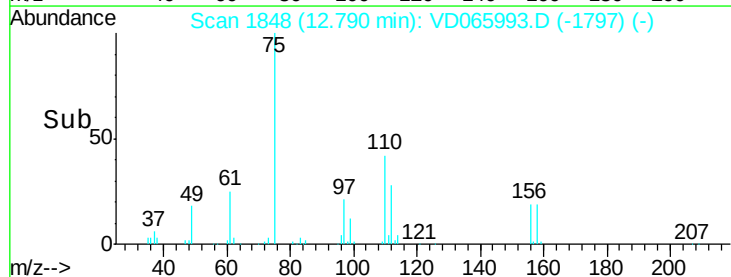
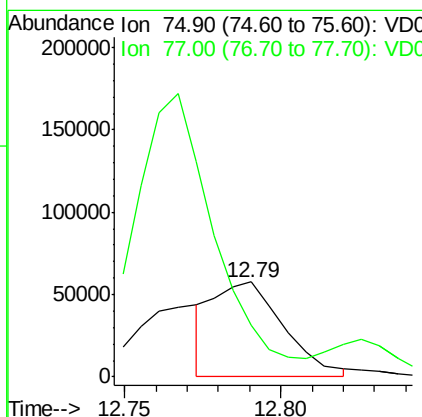
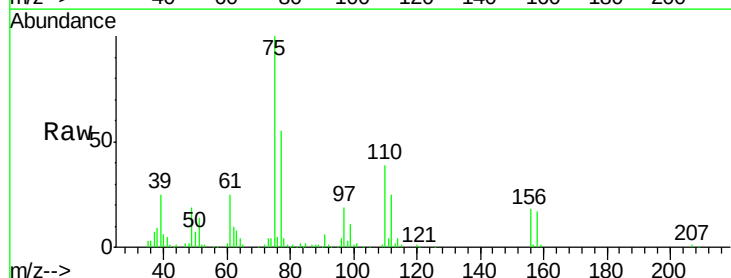
RT: 12.79 min Scan# 1848

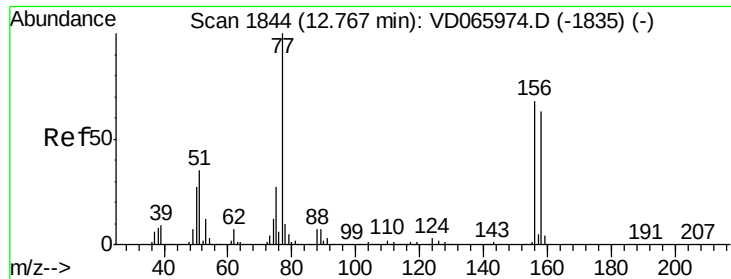
Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	75	Resp:	90509
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.062 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

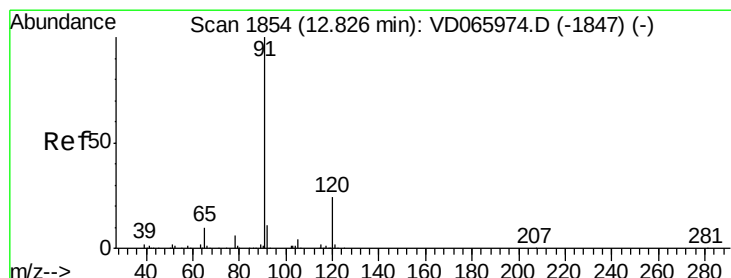
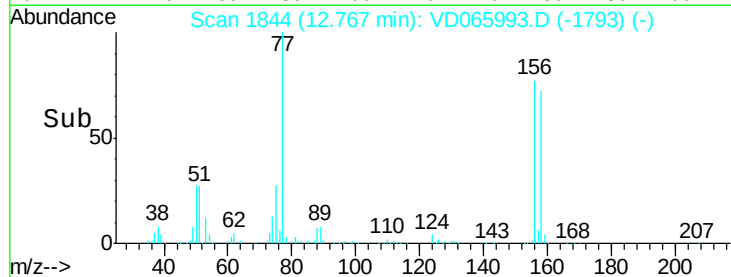
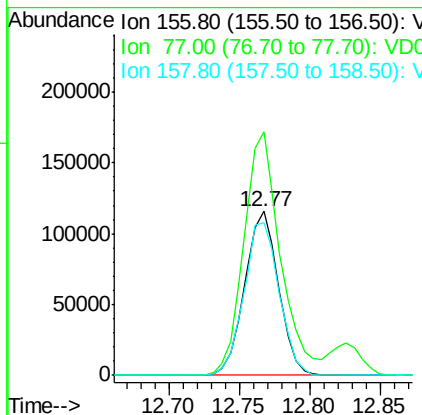
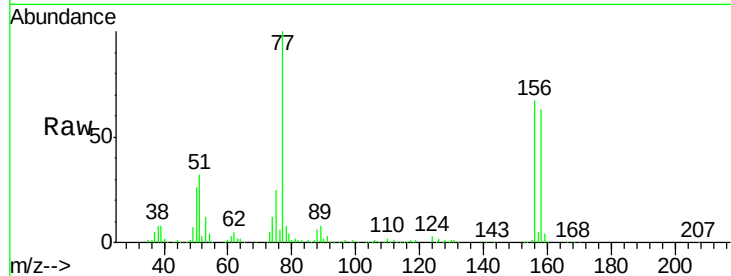
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	194049
Ion Ratio	Lower	Upper	
156	100		
77	161.4	83.0	249.0
158	97.6	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.835 ug/l

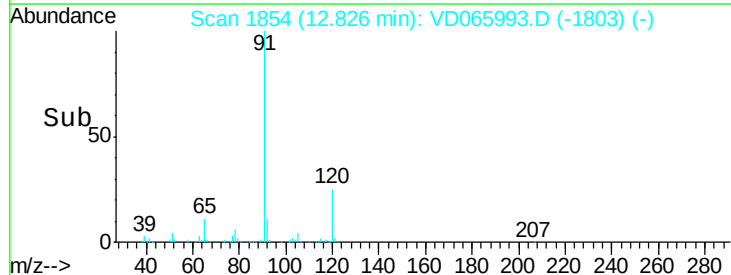
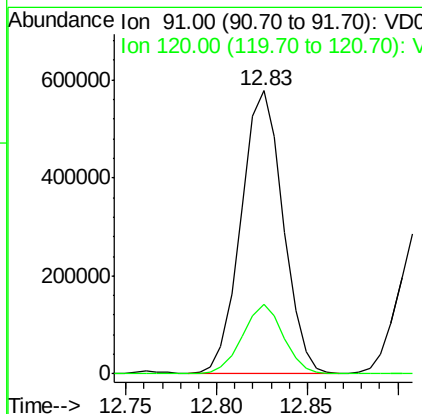
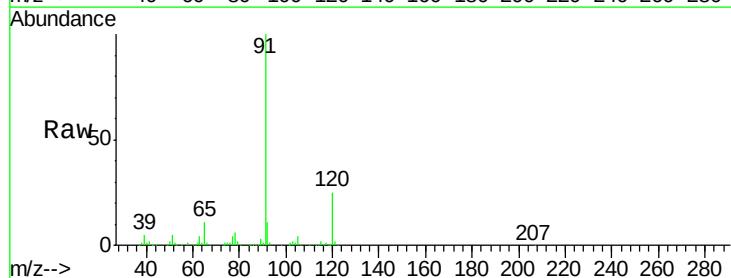
RT: 12.83 min Scan# 1854

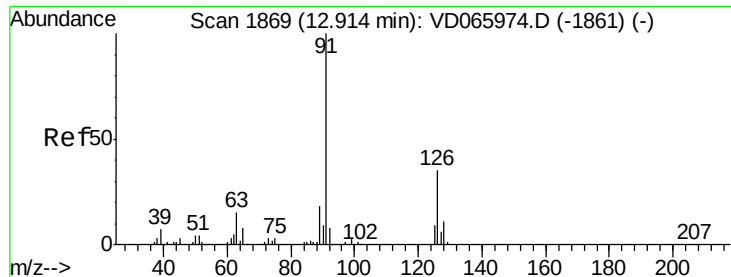
Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion:	91	Resp:	928940
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 51.757 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 510223

Ion Ratio Lower Upper

91 100

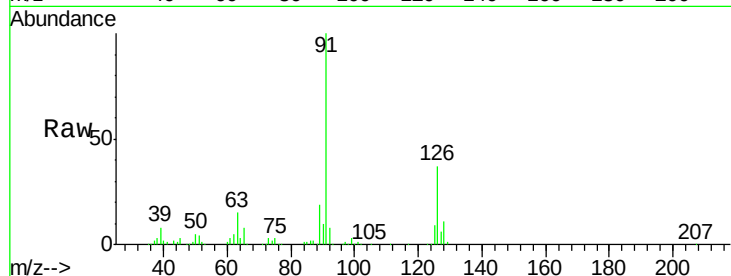
126 36.6 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065974.D (-1861) (-)

600000

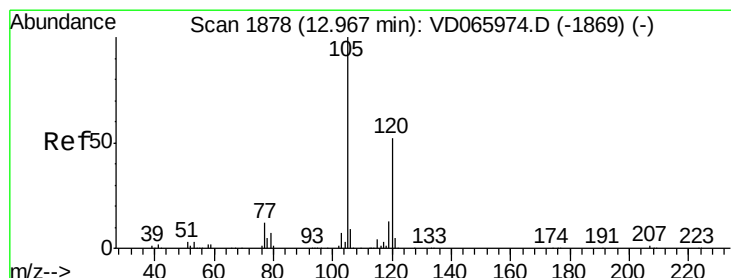
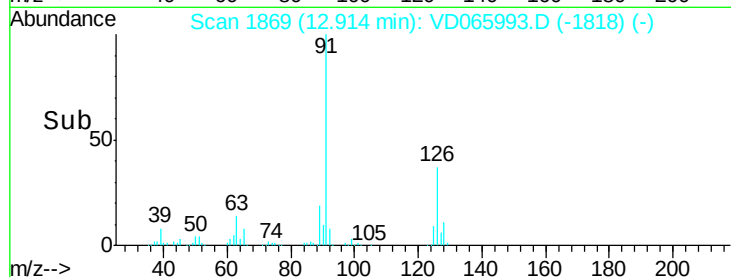
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.362 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065993.D

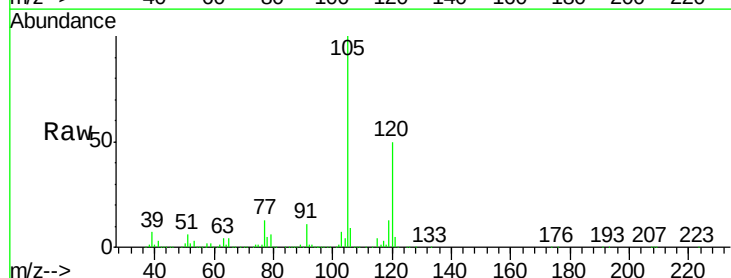
Acq: 22 Jul 2020 10:02

Tgt Ion:105 Resp: 664137

Ion Ratio Lower Upper

105 100

120 51.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065974.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065974.D (-1869) (-)

500000

400000

300000

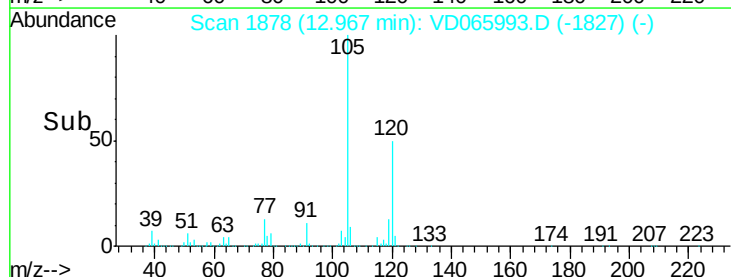
200000

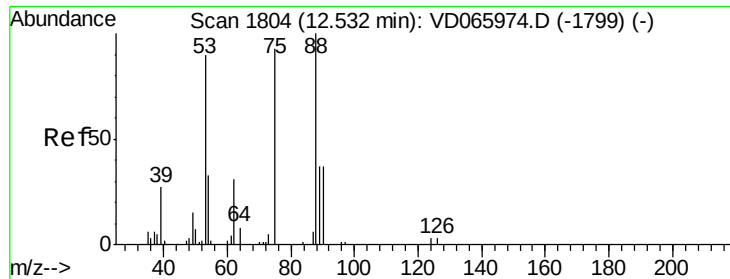
100000

0

12.90 12.95 13.00 13.05

Time-->





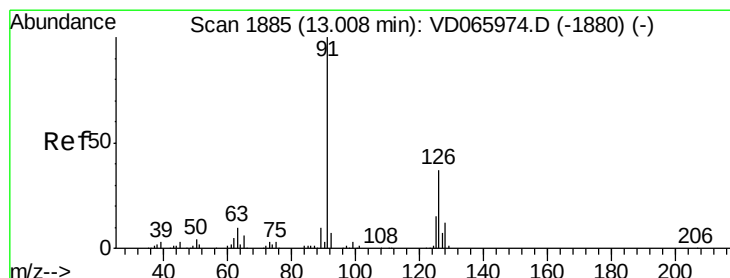
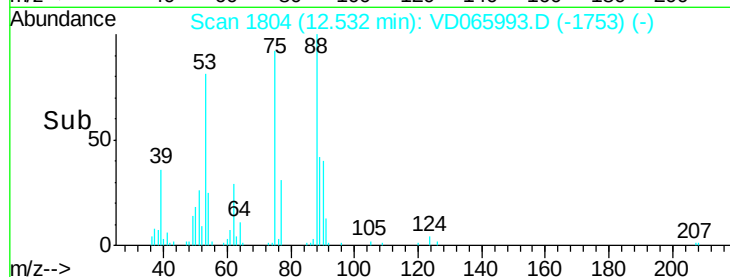
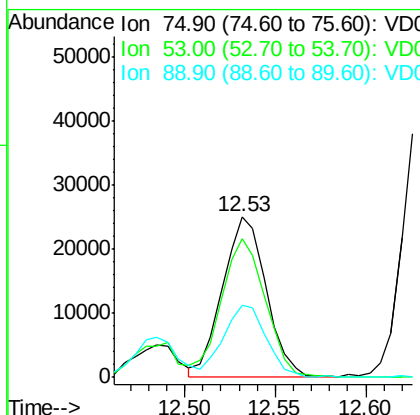
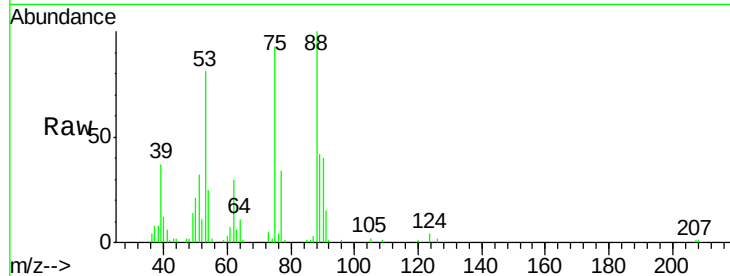
#81
trans-1,4-Dichloro-2-butene
Concen: 51.930 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.5	76.8	115.2
89	43.8	37.0	55.4

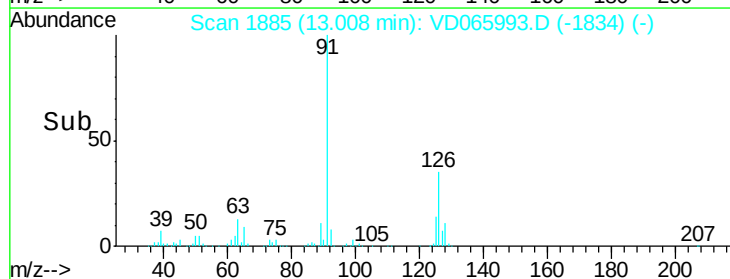
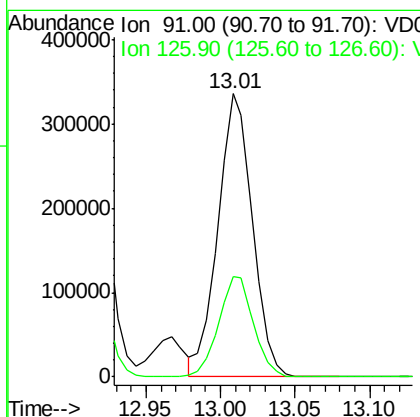
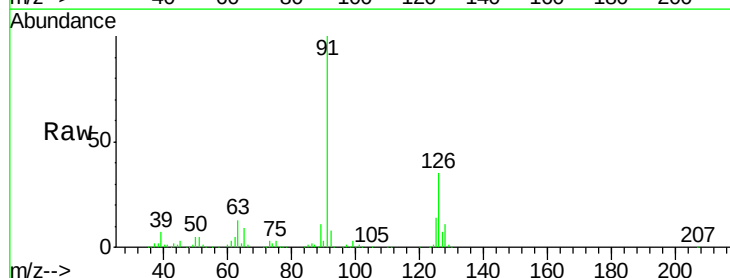
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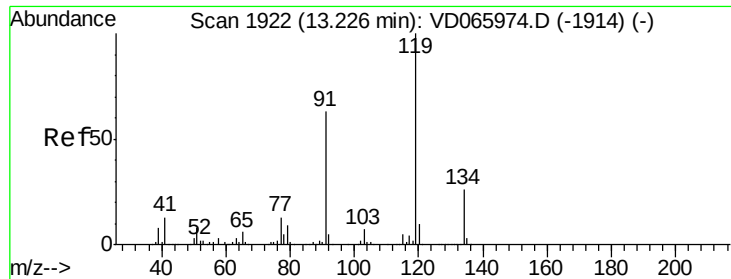
MMDadoda
7/23/2020 2:14:29 PM



#82
4-Chlorotoluene
Concen: 52.049 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.5





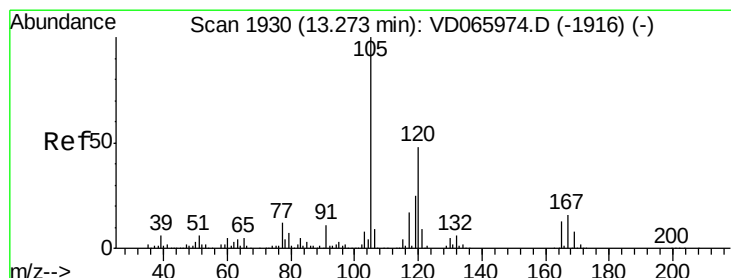
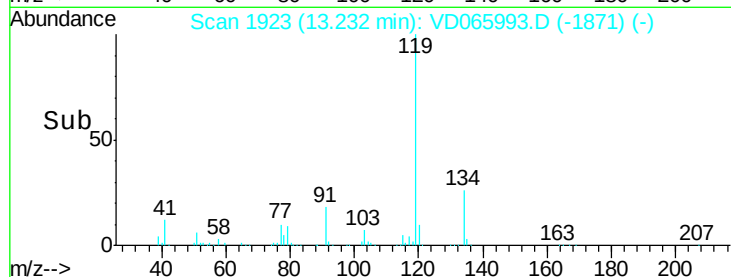
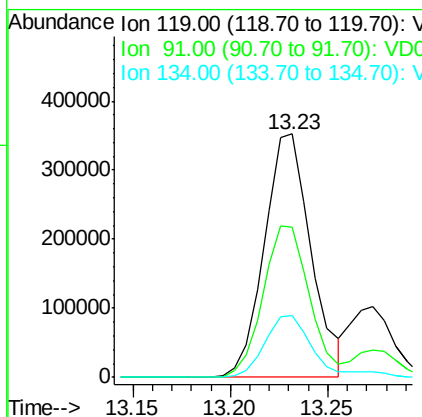
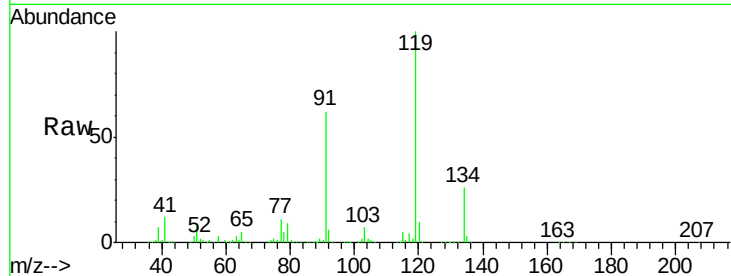
#83
 tert-Butylbenzene
 Concen: 54.679 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	584555		
91	61.7		30.6	91.6
134	26.8		13.9	41.7

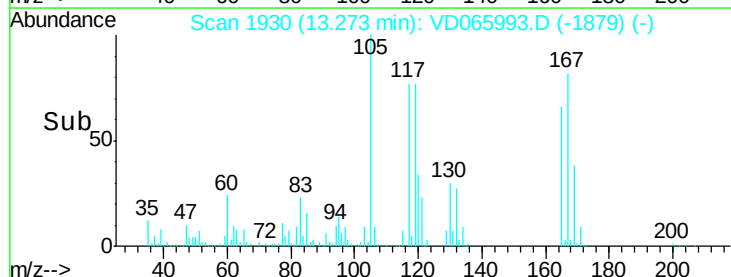
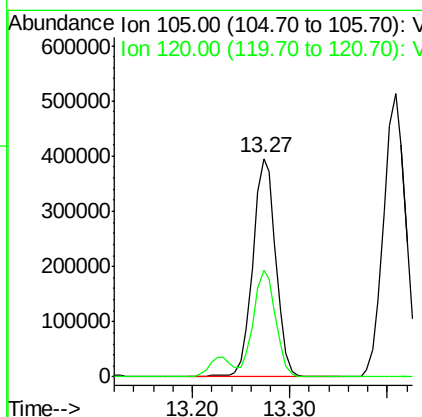
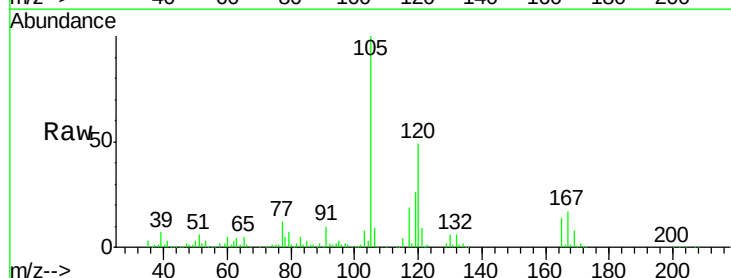
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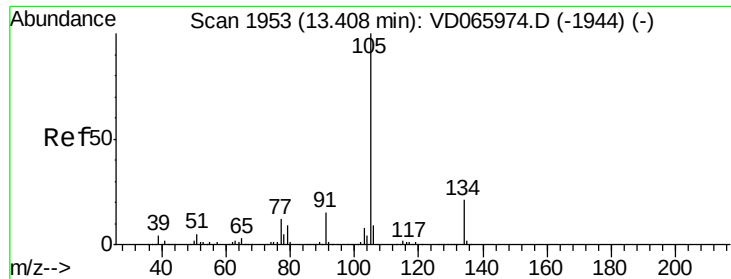
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.315 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	654653		
120	47.7		23.9	71.8





#85

sec-Butylbenzene

Concen: 54.802 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 806974

Ion Ratio Lower Upper

105 100

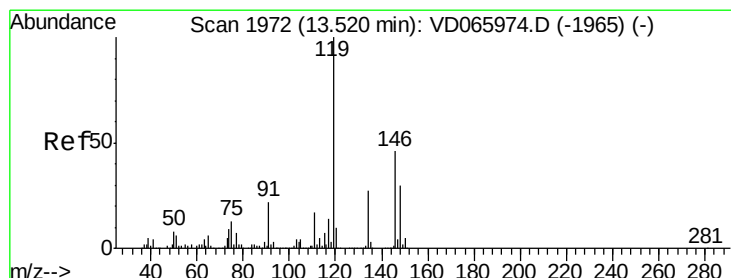
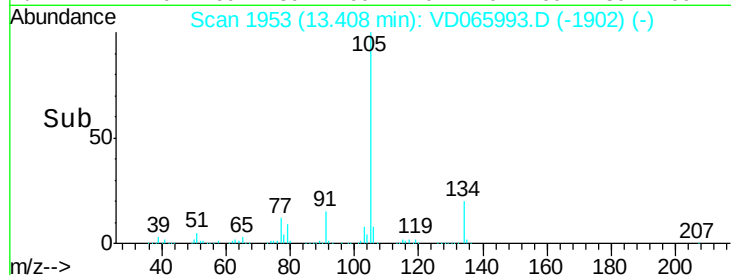
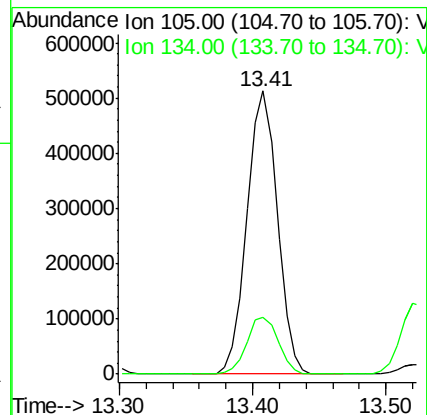
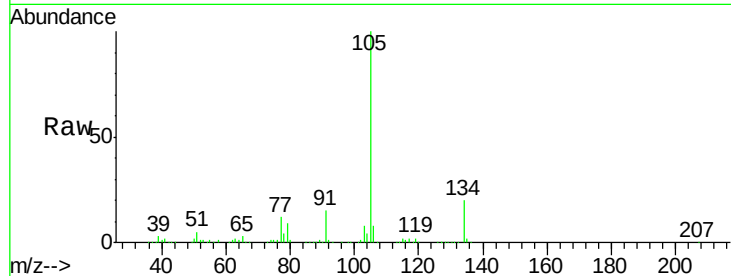
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 55.401 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

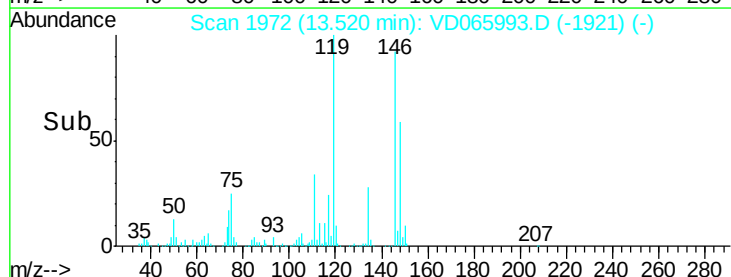
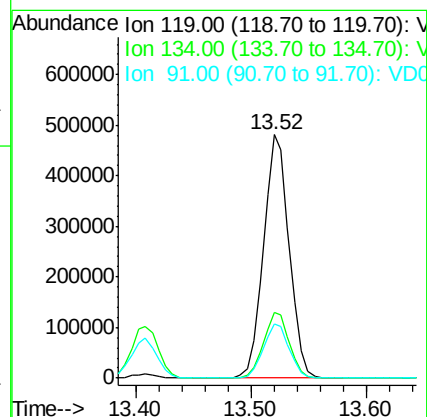
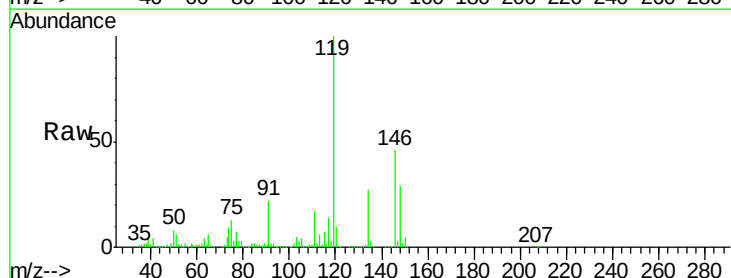
Tgt Ion:119 Resp: 741144

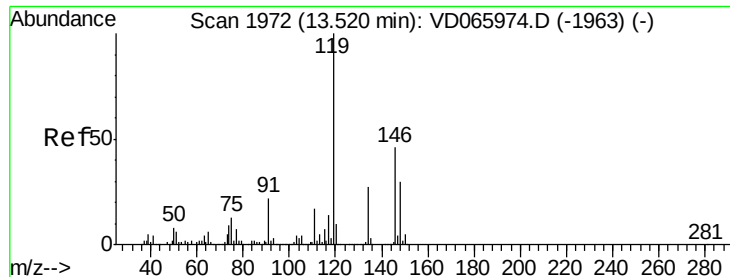
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.5 11.1 33.3





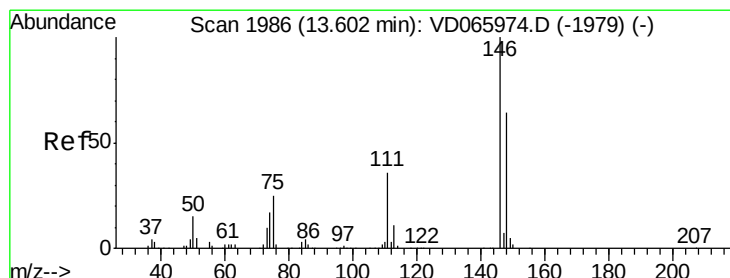
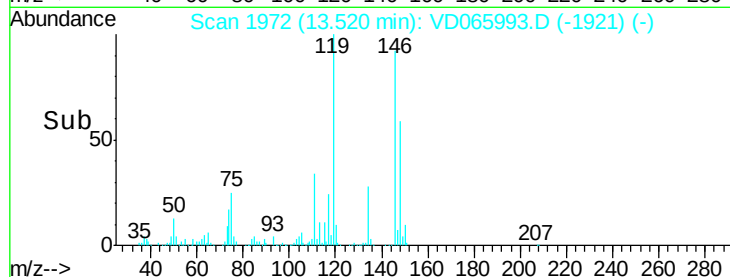
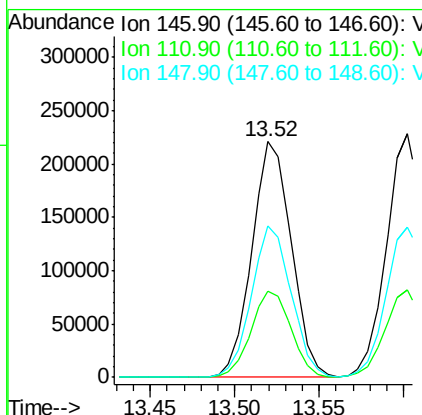
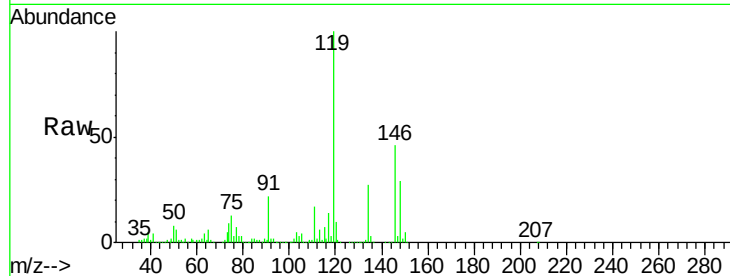
#87
 1,3-Dichlorobenzene
 Concen: 51.135 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	64.4	32.4	97.0

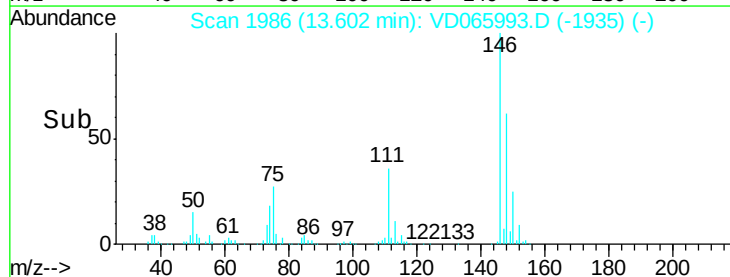
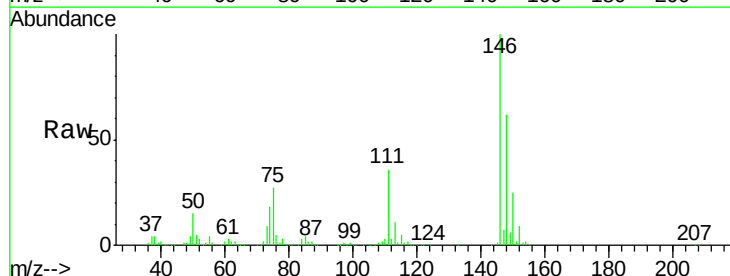
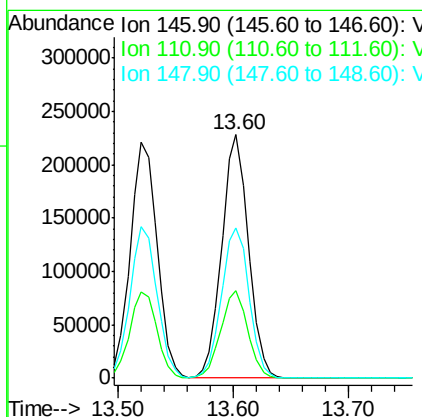
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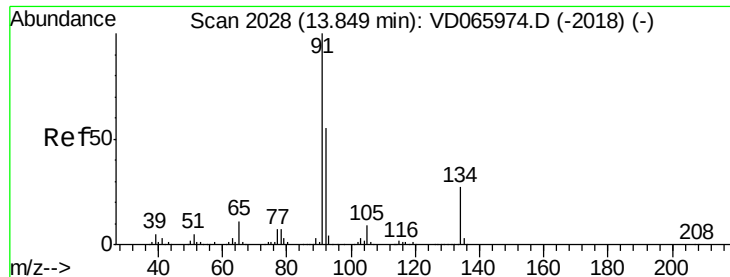
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 7/23/2020 2:14:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.297 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.8	56.4
148	63.8	32.2	96.6





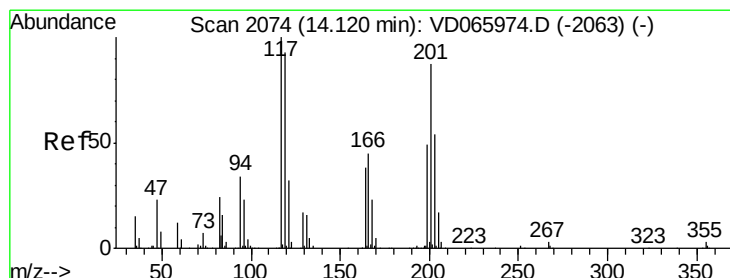
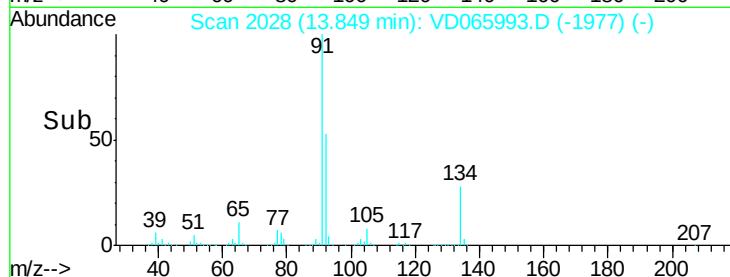
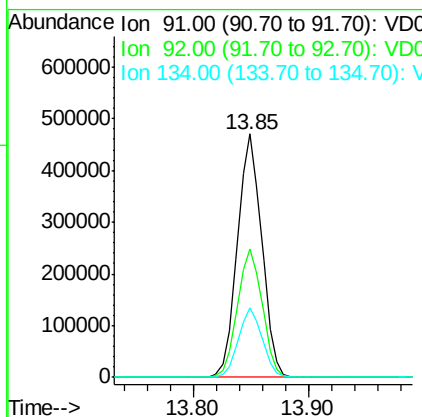
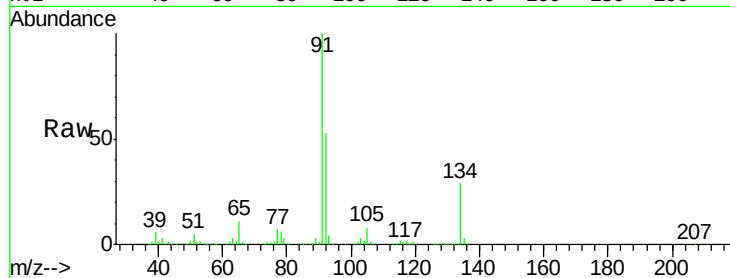
#89
n-Butylbenzene
Concen: 55.311 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	27.9	13.8	41.4

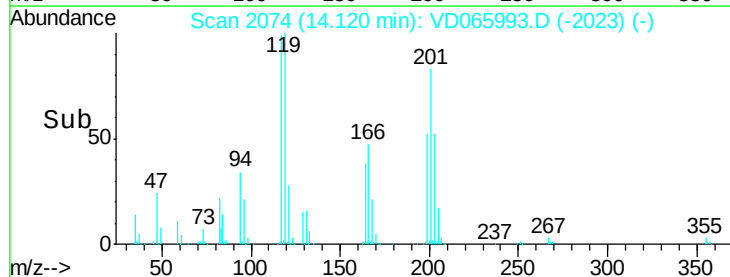
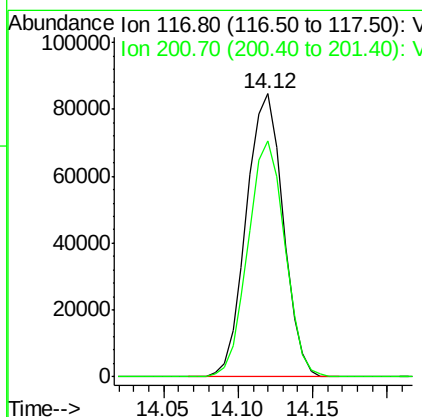
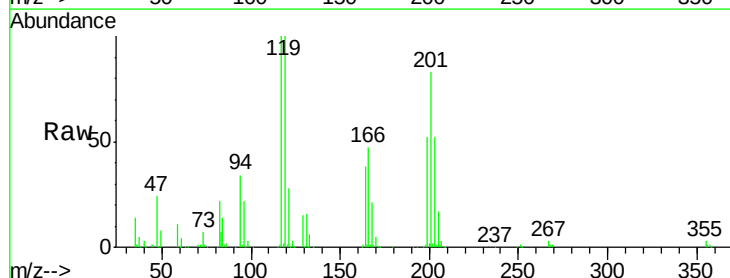
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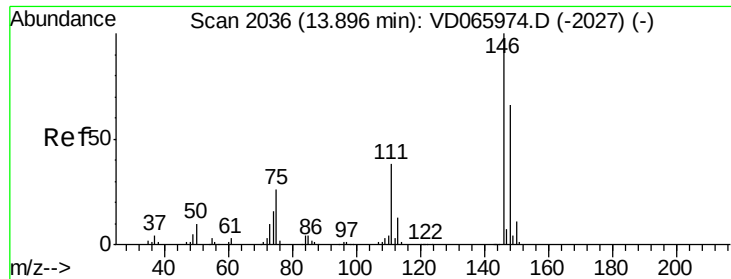
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#90
Hexachloroethane
Concen: 52.198 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	42.0	126.1





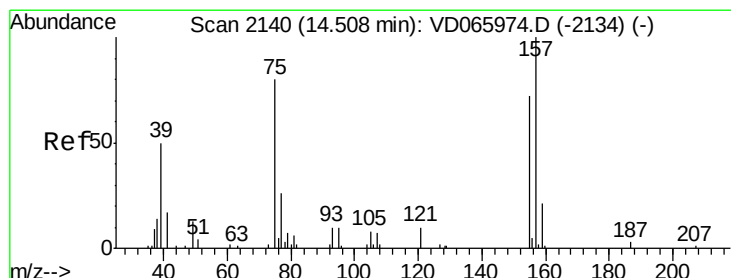
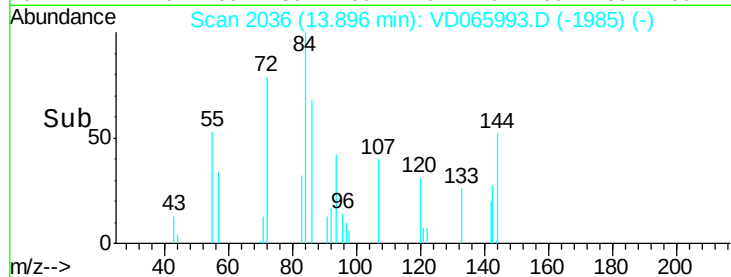
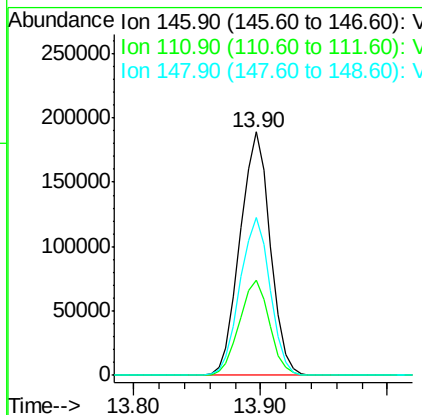
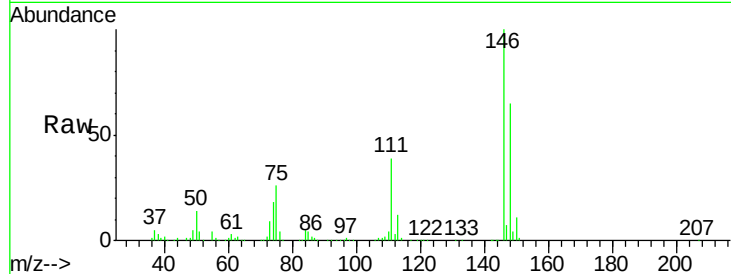
#91
 1,2-Dichlorobenzene
 Concen: 51.121 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	312554		
111	39.1	19.3	57.9	
148	64.8	32.7	98.1	

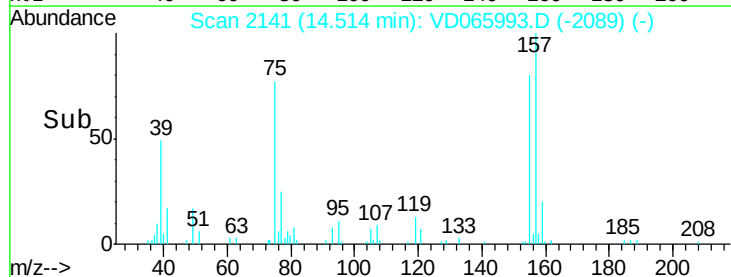
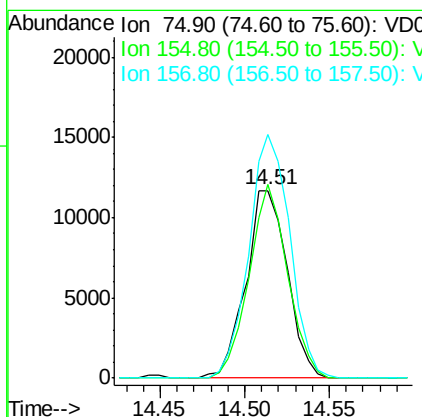
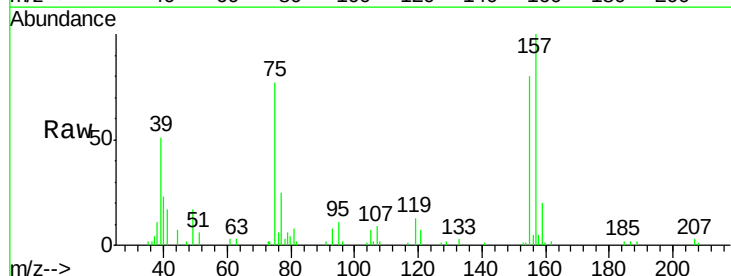
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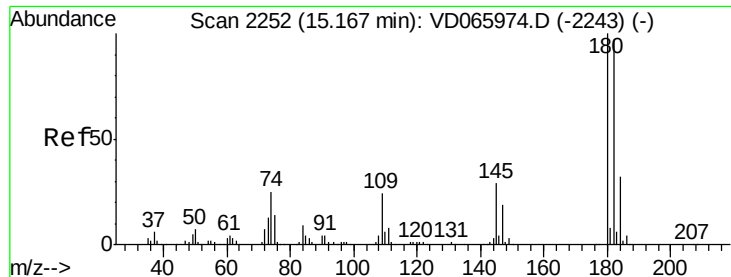
MMDadoda
 7/23/2020 2:14:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.414 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19902		
155	95.8	48.5	145.5	
157	128.5	64.7	194.1	





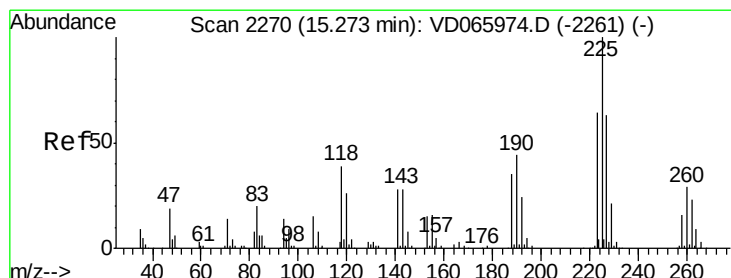
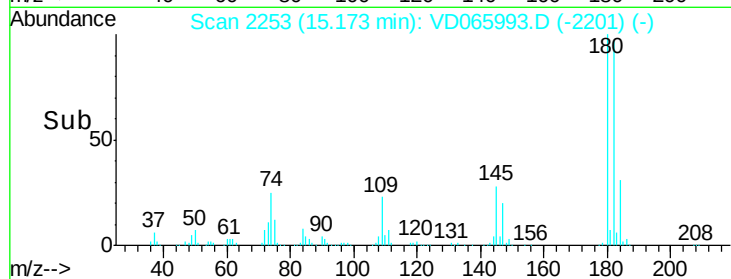
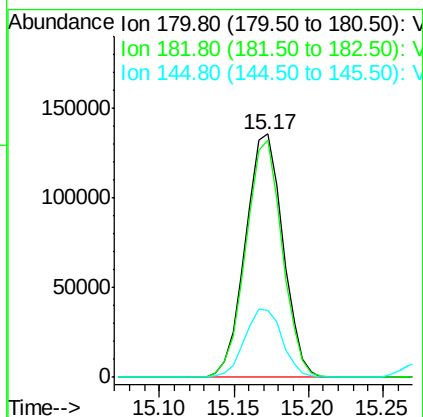
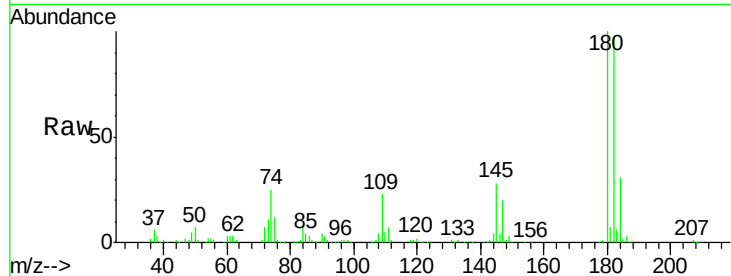
#93
 1,2,4-Trichlorobenzene
 Concen: 53.845 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236303		
182	94.2	48.1	144.3	
145	28.3	14.7	44.1	

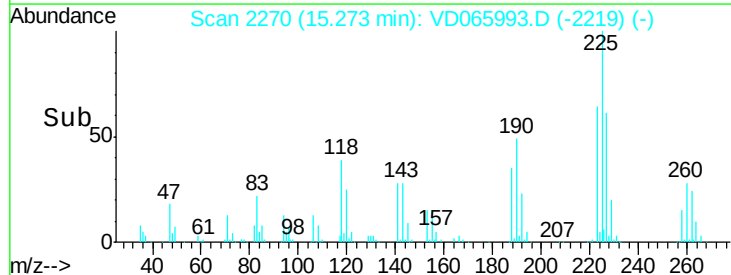
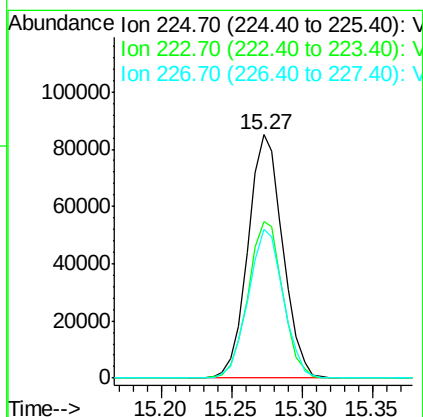
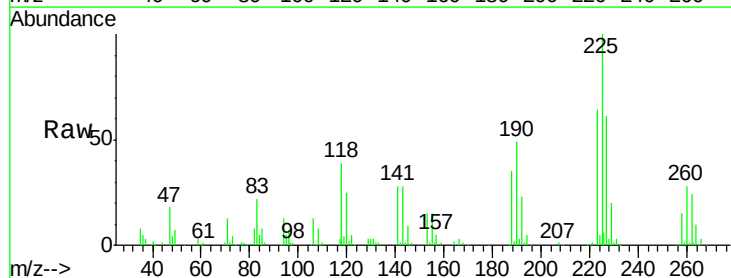
Manual Integrations
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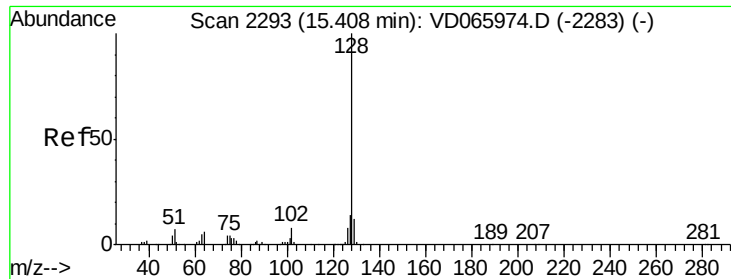
MMDadoda
 7/23/2020 2:14:29 PM



#94
 Hexachlorobutadiene
 Concen: 54.048 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	146641		
223	64.0	31.2	93.6	
227	61.8	31.6	94.8	





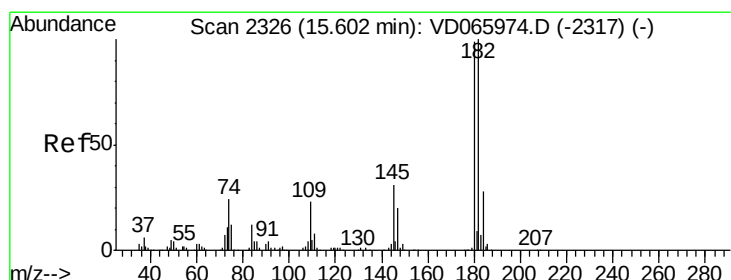
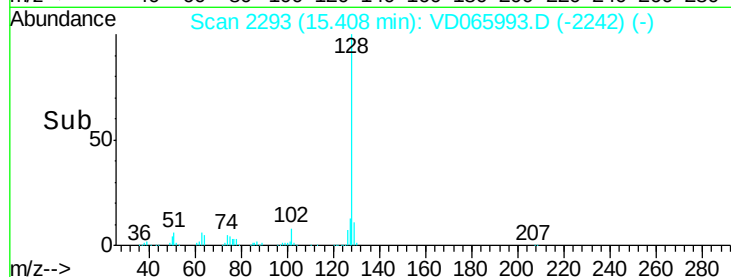
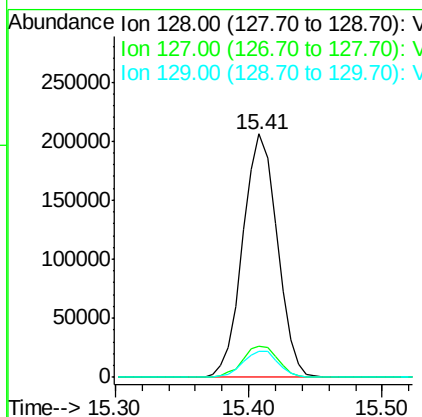
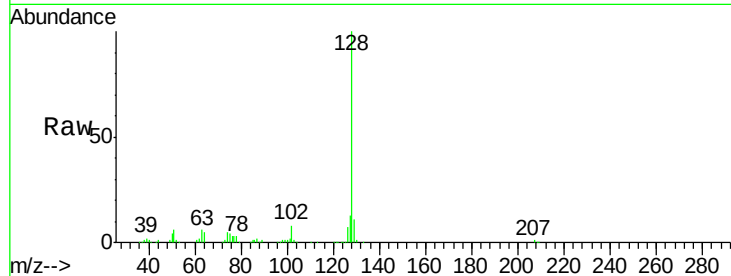
#95
Naphthalene
Concen: 47.340 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/23/2020 2:14:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.840 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	30.1	15.4	46.2

