

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065534.D
 Acq On : 27 Mar 2020 10:07
 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

apatel
 3/30/2020 2:52:13 PM

Quant Time: Mar 30 06:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	722684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	666378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	215060	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.92	113	228877	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.34	98	891427	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	281310	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138630	48.120	ug/l	95
3) Chloromethane	2.21	50	215344	52.426	ug/l	99
4) Vinyl Chloride	2.35	62	220608	45.741	ug/l	99
5) Bromomethane	2.77	94	153177	50.318	ug/l	97
6) Chloroethane	2.93	64	144084	46.231	ug/l	97
7) Trichlorofluoromethane	3.27	101	344700	47.906	ug/l	100
8) Diethyl Ether	3.71	74	103548	45.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	226896	47.812	ug/l	99
10) Methyl Iodide	4.30	142	240804	43.854	ug/l	99
11) Tert butyl alcohol	5.24	59	63367	259.374	ug/l	96
12) 1,1-Dichloroethene	4.06	96	210898	46.774	ug/l	97
13) Acrolein	3.93	56	100763	244.282	ug/l	97
14) Allyl chloride	4.71	41	321109	46.805	ug/l	99
15) Acrylonitrile	5.43	53	224529	238.825	ug/l	100
16) Acetone	4.16	43	221770	270.536	ug/l	96
17) Carbon Disulfide	4.40	76	708819	47.686	ug/l	100
18) Methyl Acetate	4.72	43	97710	45.839	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	430780	47.906	ug/l	100
20) Methylene Chloride	4.97	84	238568	46.637	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	250991	48.384	ug/l	98
22) Diisopropyl ether	6.37	45	665169	49.999	ug/l	97
23) Vinyl Acetate	6.31	43	1850272	255.340	ug/l	100
24) 1,1-Dichloroethane	6.27	63	410473	48.657	ug/l	98
25) 2-Butanone	7.22	43	284858	255.874	ug/l	99
26) 2,2-Dichloropropane	7.21	77	364984	48.857	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258619	48.112	ug/l	99
28) Bromochloromethane	7.54	49	167468	47.744	ug/l	99
29) Tetrahydrofuran	7.57	42	181023	250.888	ug/l	97
30) Chloroform	7.71	83	423244	48.434	ug/l	97
31) Cyclohexane	7.98	56	379923	46.521	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	385350	48.811	ug/l	100
36) 1,1-Dichloropropene	8.11	75	341898	51.780	ug/l	99
37) Ethyl Acetate	7.30	43	128728	50.932	ug/l	99
38) Carbon Tetrachloride	8.10	117	356155	51.212	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	418246	53.727	ug/l	99
40) Benzene	8.35	78	969441	51.453	ug/l	99
41) Methacrylonitrile	7.53	41	75130	51.496	ug/l	95
42) 1,2-Dichloroethane	8.43	62	255008	50.863	ug/l	99
43) Isopropyl Acetate	8.46	43	228999	49.894	ug/l	98
44) Trichloroethene	9.11	130	274506	50.212	ug/l	95
45) 1,2-Dichloropropane	9.39	63	235646	51.486	ug/l	95
46) Dibromomethane	9.48	93	122837	51.147	ug/l	98
47) Bromodichloromethane	9.67	83	319191	50.169	ug/l	98
48) Methyl methacrylate	9.46	41	110591	50.675	ug/l	97
49) 1,4-Dioxane	9.47	88	26653	1020.593	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	623648	269.255	ug/l	99
52) Toluene	10.41	92	625241	52.399	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	299731	51.509	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	367627	51.637	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	172365	50.310	ug/l	97
56) Ethyl methacrylate	10.67	69	195502	46.943	ug/l	98
57) 1,3-Dichloropropane	10.95	76	292650	50.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	502158	258.291	ug/l	100
59) 2-Hexanone	10.99	43	453826	287.370	ug/l	98
60) Dibromochloromethane	11.14	129	230598	50.790	ug/l	100
61) 1,2-Dibromoethane	11.25	107	166135	50.103	ug/l	99
64) Tetrachloroethene	10.88	164	243991	51.114	ug/l	95
65) Chlorobenzene	11.67	112	662140	50.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	252583	51.991	ug/l	100
67) Ethyl Benzene	11.75	91	1168478	53.251	ug/l	100
68) m/p-Xylenes	11.86	106	925931	107.471	ug/l	99
69) o-Xylene	12.18	106	402664	53.366	ug/l	98
70) Styrene	12.20	104	732882	54.992	ug/l	99
71) Bromoform	12.37	173	133513	49.824	ug/l #	98
73) Isopropylbenzene	12.48	105	1104503	51.986	ug/l	100
74) N-amyl acetate	12.30	43	211100	50.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	183677	49.772	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	122782m	46.156	ug/l	
77) Bromobenzene	12.77	156	275300	49.585	ug/l	98
78) n-propylbenzene	12.83	91	1340838	52.945	ug/l	100
79) 2-Chlorotoluene	12.91	91	744779	51.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	939503	53.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	58884	49.410	ug/l	97
82) 4-Chlorotoluene	13.01	91	785077	51.131	ug/l	99
83) tert-Butylbenzene	13.23	119	779273	52.836	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	930793	52.869	ug/l	99
85) sec-Butylbenzene	13.41	105	1119005	53.018	ug/l	99
86) p-Isopropyltoluene	13.53	119	1038709	53.405	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	537153	50.257	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	526089	49.261	ug/l	100
89) n-Butylbenzene	13.86	91	944794	53.490	ug/l	100
90) Hexachloroethane	14.12	117	206593	50.652	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	458551	50.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26932	48.442	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	310755	49.526	ug/l	99
94) Hexachlorobutadiene	15.28	225	204220	49.946	ug/l	99
95) Naphthalene	15.41	128	478428	45.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	268463	49.817	ug/l	99

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

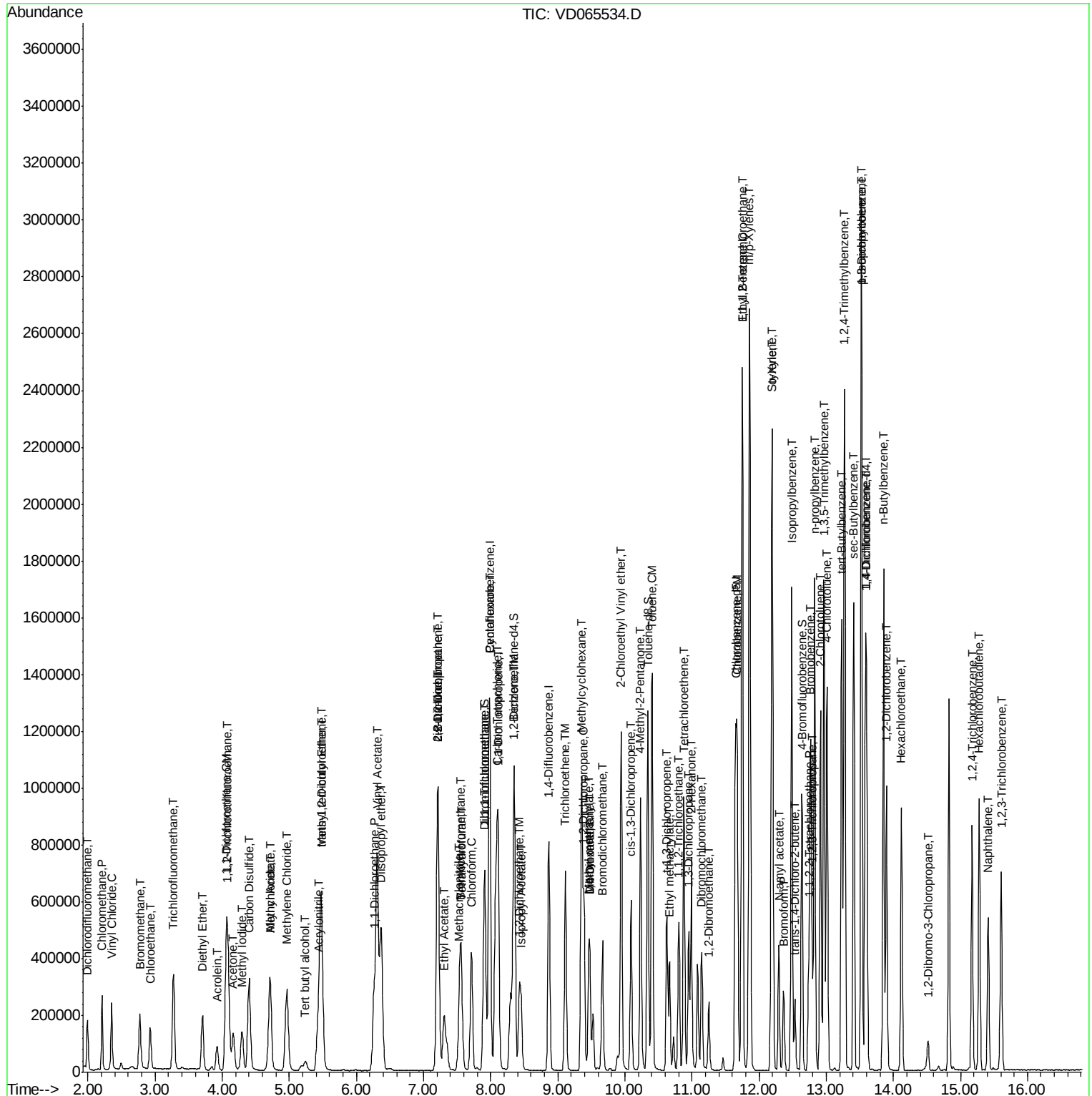
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032720\
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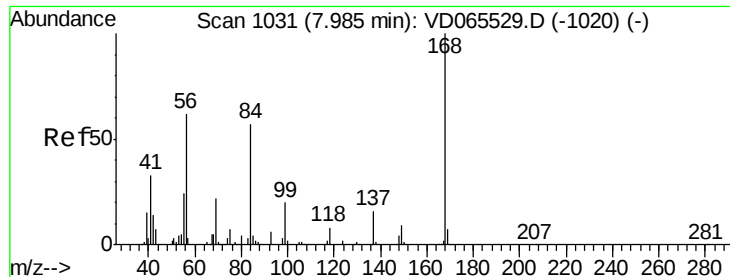
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 521904

Ion Ratio Lower Upper

168 100

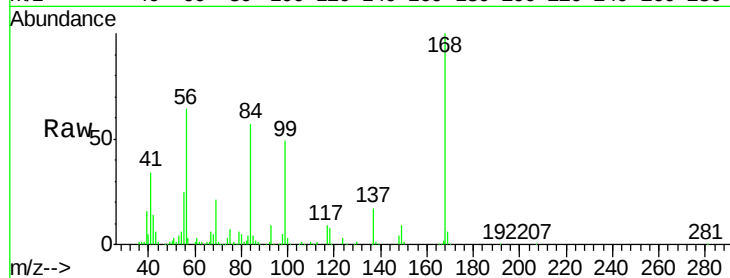
99 49.3 39.1 58.7

Manual Integrations

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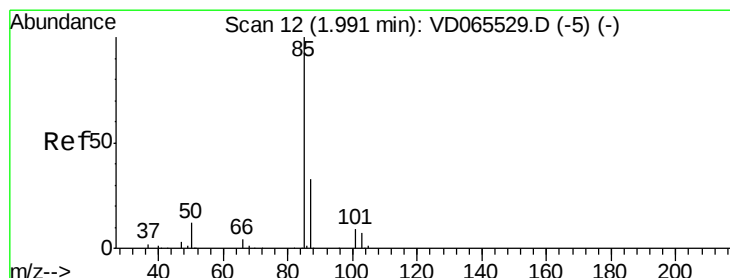
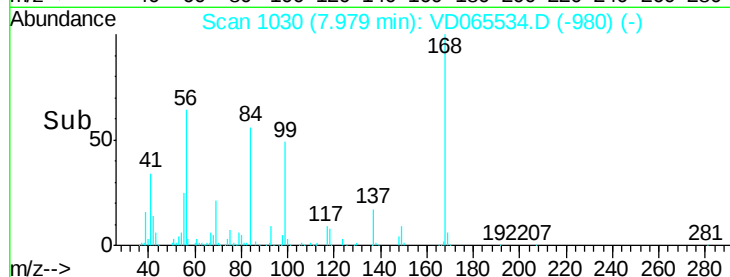
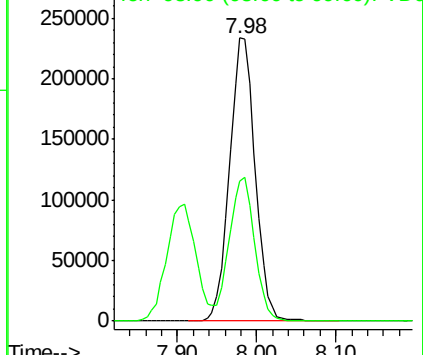
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.120 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065534.D

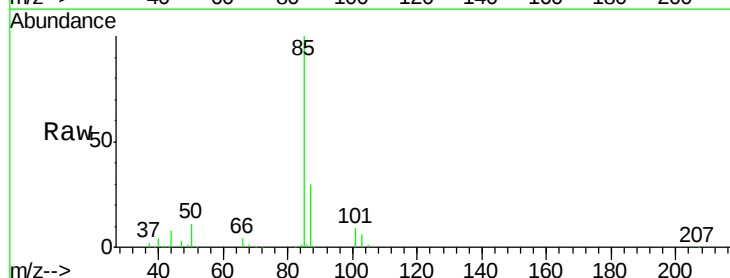
Acq: 27 Mar 2020 10:07

Tgt Ion: 85 Resp: 138630

Ion Ratio Lower Upper

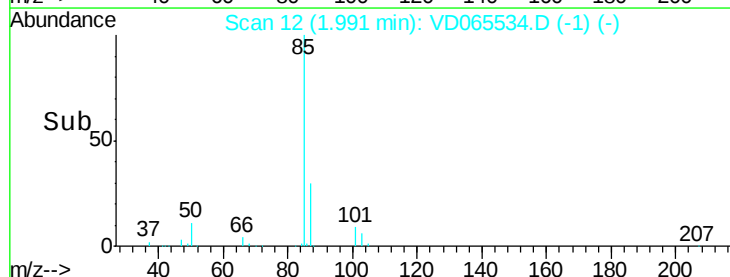
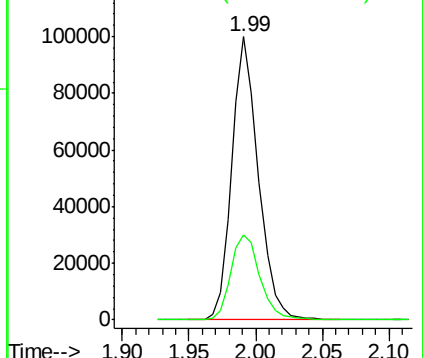
85 100

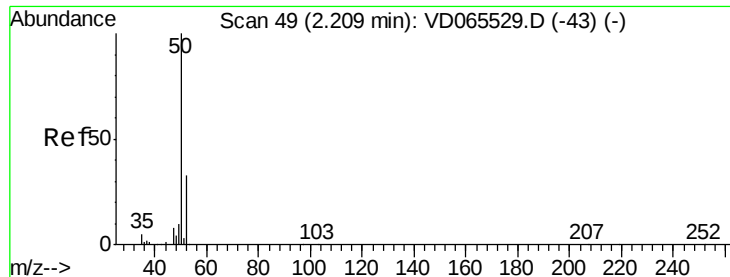
87 29.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.426 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 215344

Ion Ratio Lower Upper

50 100

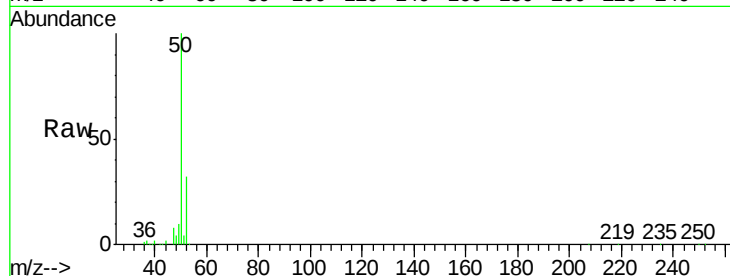
52 32.4 26.3 39.5

Manual Integrations

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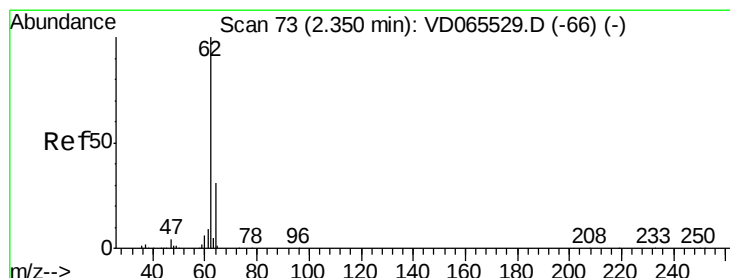
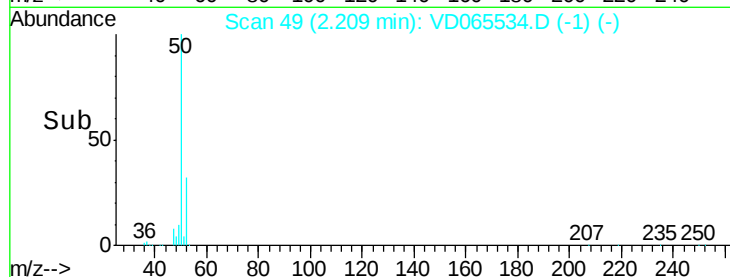
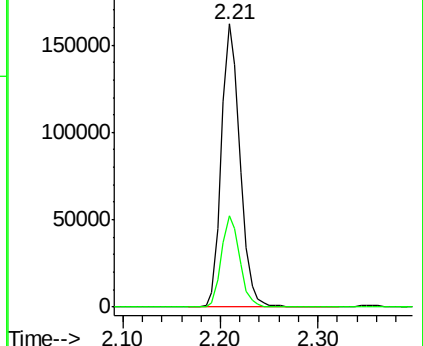
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.741 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065534.D

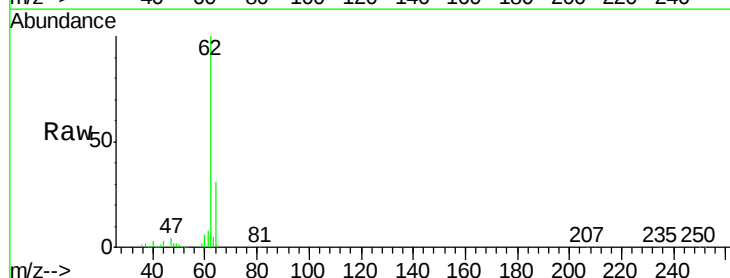
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Tgt Ion: 62 Resp: 220608

Ion Ratio Lower Upper

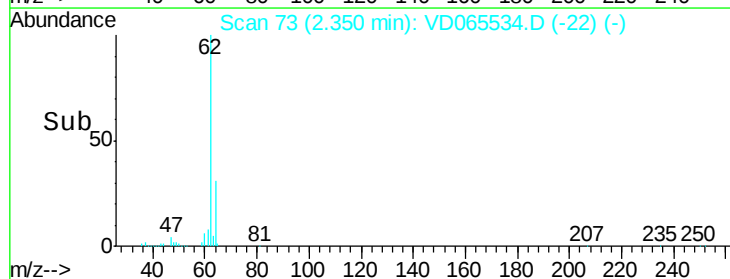
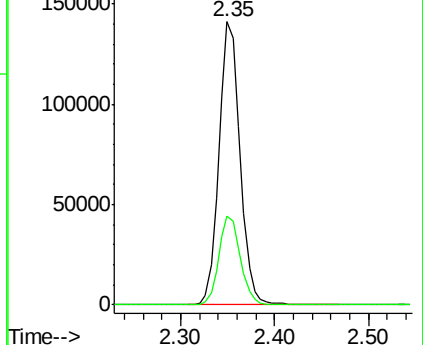
62 100

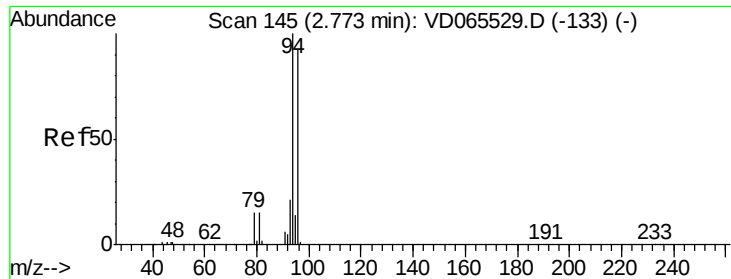
64 31.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.318 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

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Tot Ion: 94 Resp: 153177

Ion Ratio Lower Upper

94 100

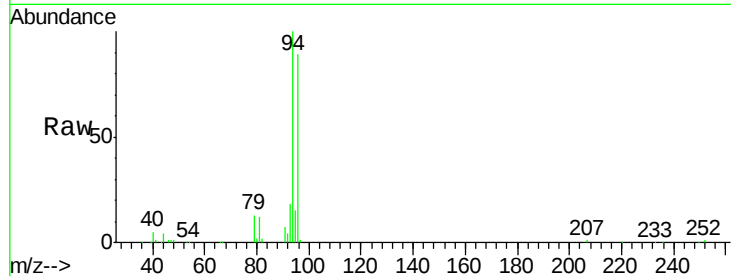
96 89.1 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

80000

60000

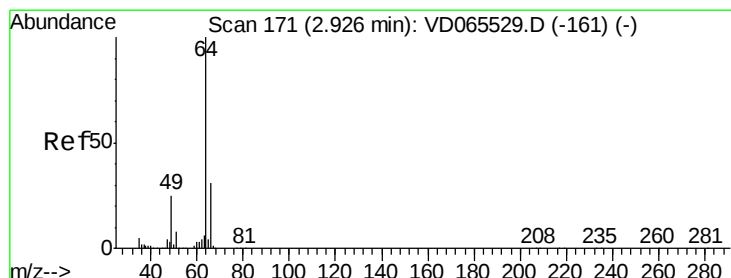
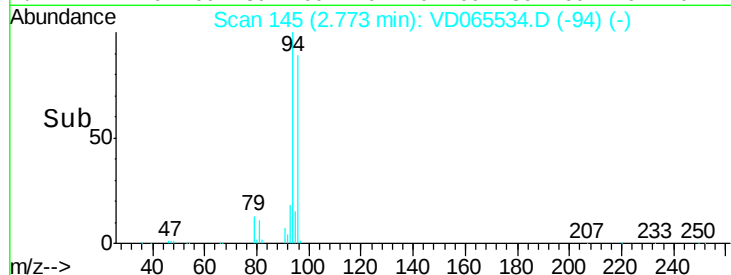
40000

20000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 46.231 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065534.D

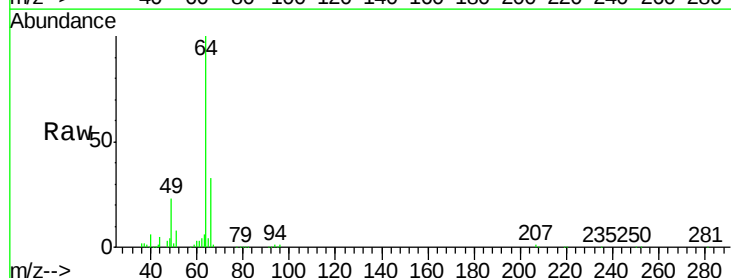
Acq: 27 Mar 2020 10:07

Tgt Ion: 64 Resp: 144084

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

80000

60000

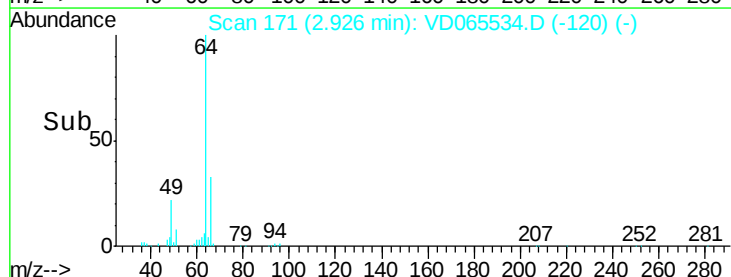
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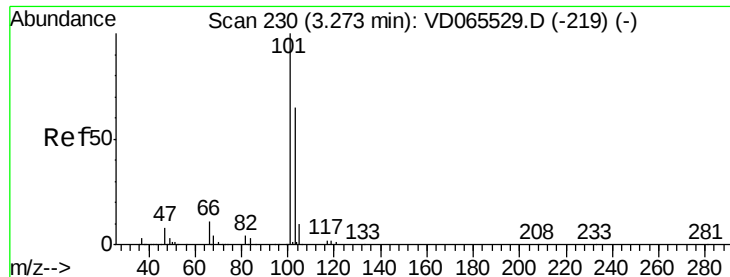
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Time-->

2.85 2.90 2.95 3.00





#7

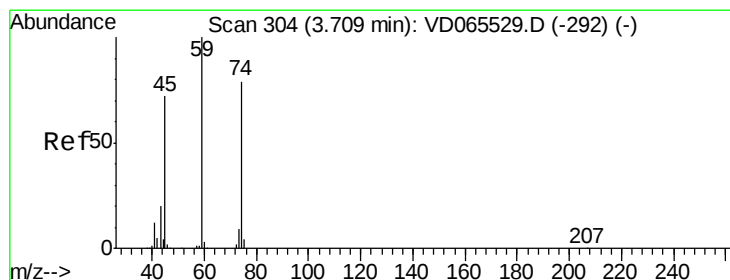
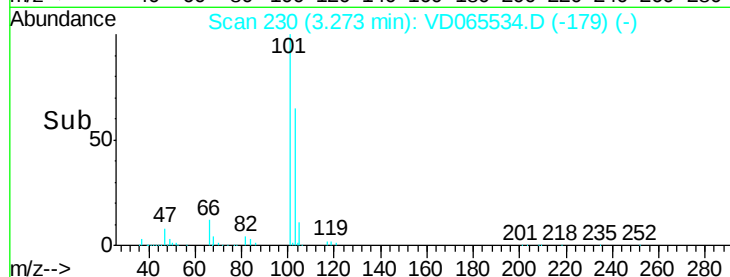
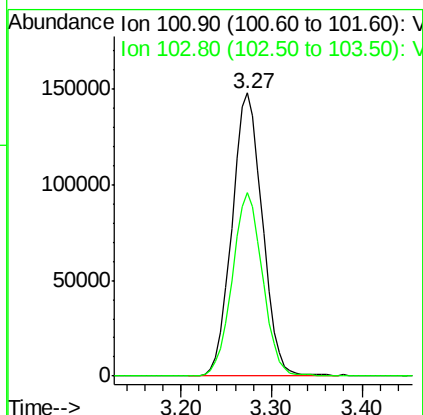
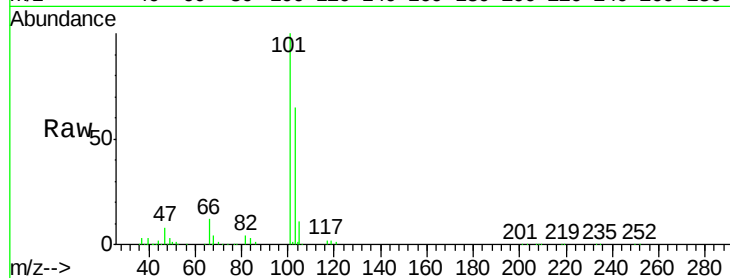
Trichlorofluoromethane
 Concen: 47.906 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.9	77.9

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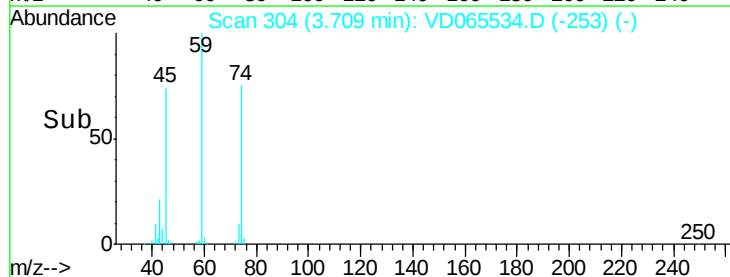
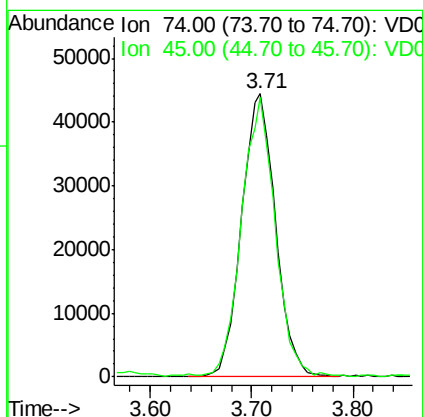
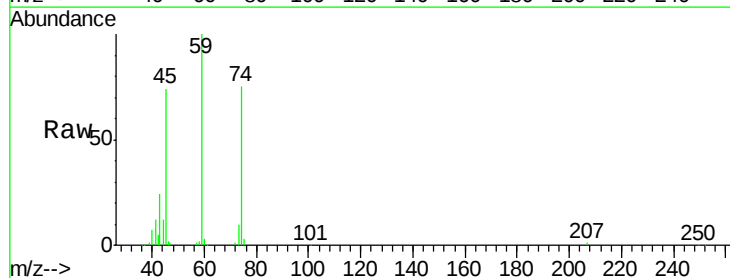
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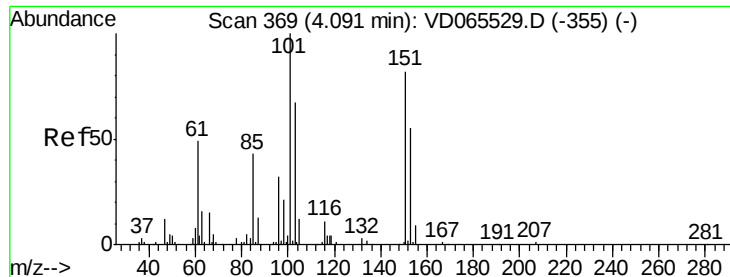


#8

Diethyl Ether
 Concen: 45.354 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.812 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

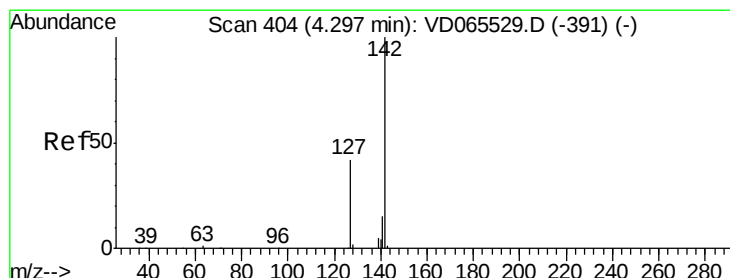
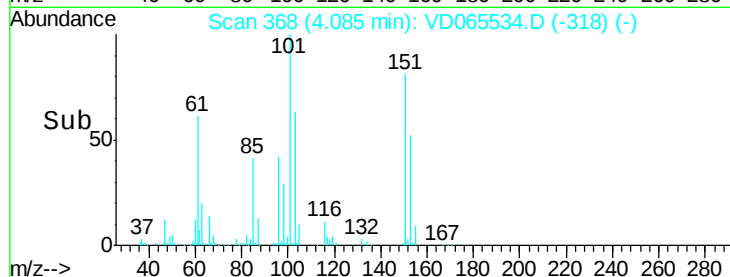
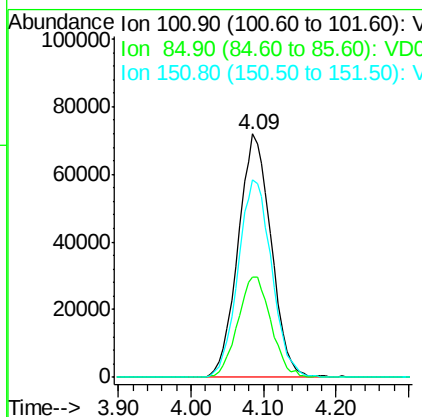
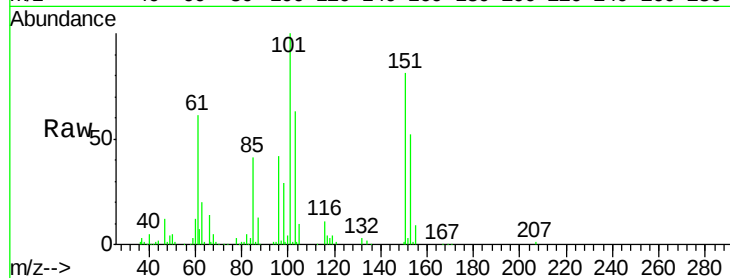
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	226896
Ion Ratio	Lower	Upper	
101	100		
85	41.8	32.6	48.8
151	82.7	65.5	98.3

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#10

Methyl Iodide

Concen: 43.854 ug/l

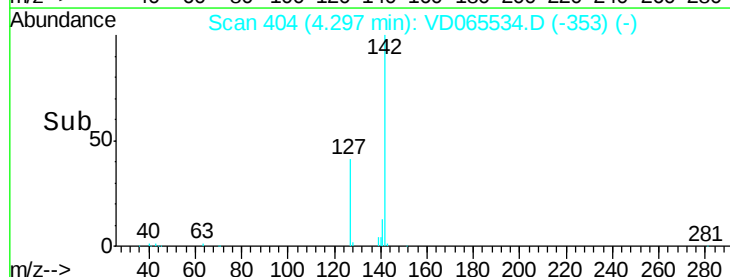
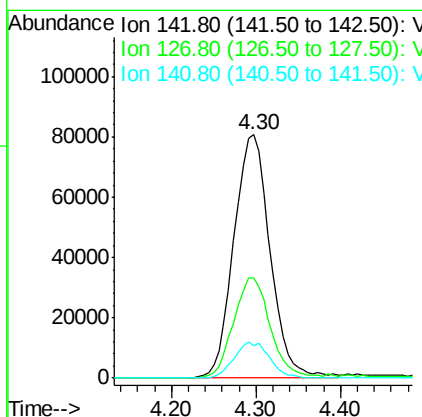
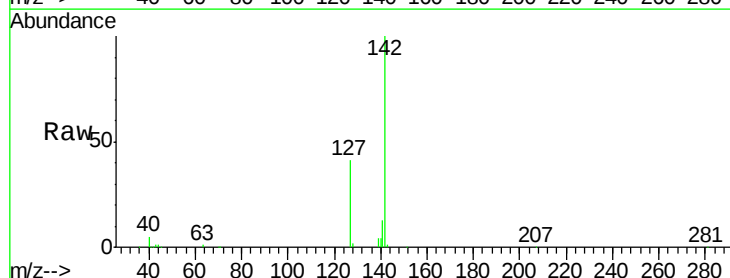
RT: 4.30 min Scan# 404

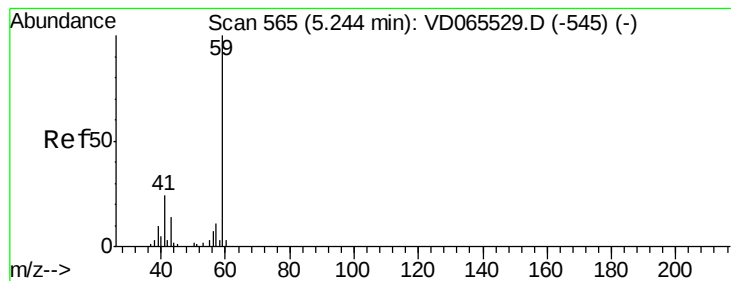
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion:	142	Resp:	240804
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.9	50.9
141	14.4	11.6	17.4





#11

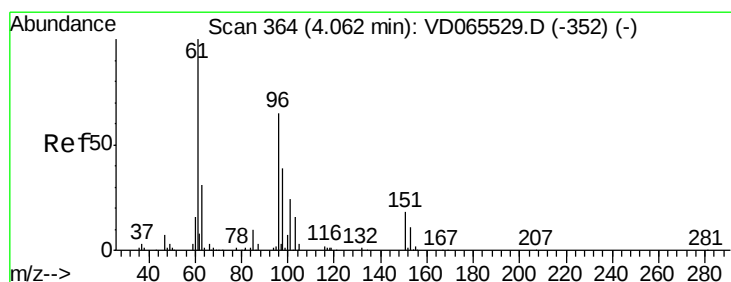
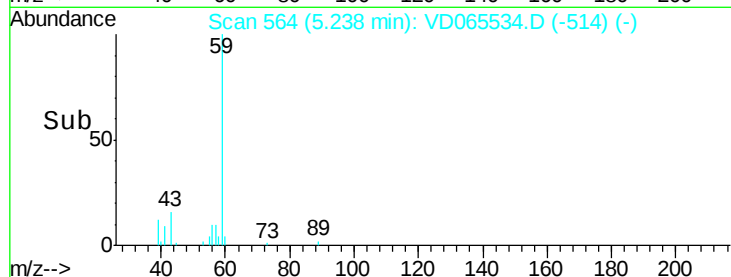
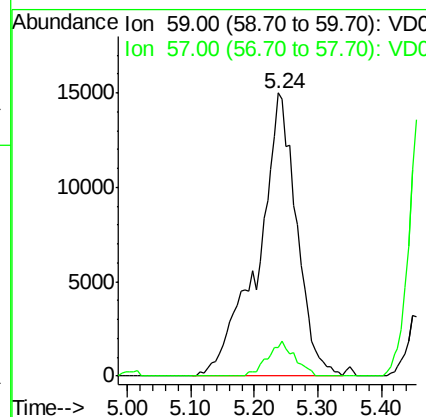
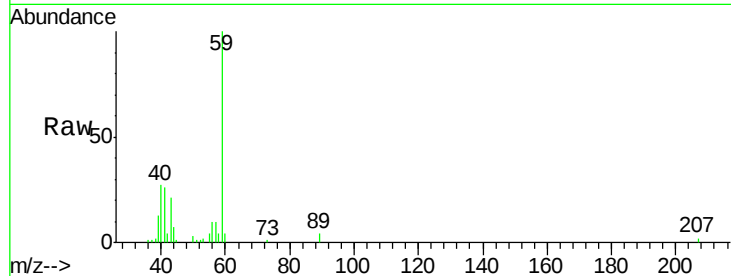
Tert butyl alcohol
Concen: 259.374 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.1	12.1

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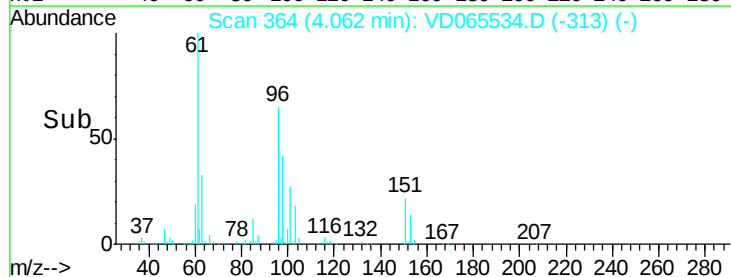
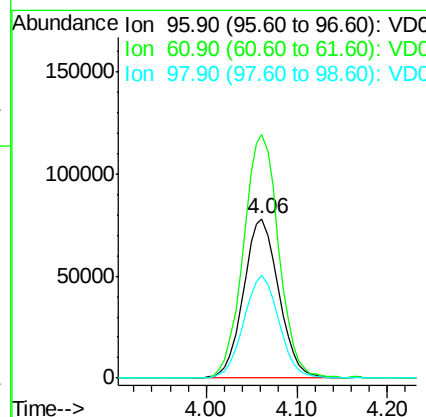
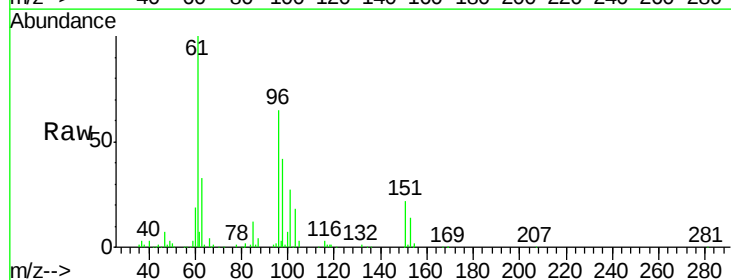
apatel
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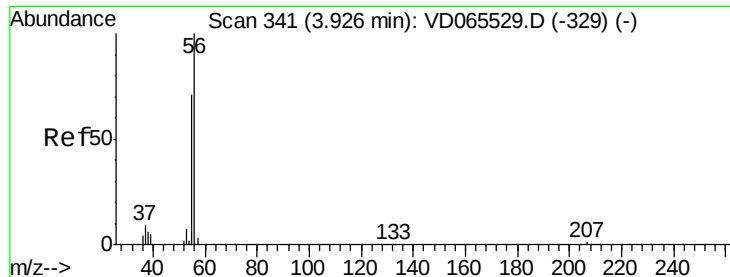


#12

1,1-Dichloroethene
Concen: 46.774 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	124.0	186.0
98	64.2	48.2	72.4





#13

Acrolein

Concen: 244.282 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 100763

Ion Ratio Lower Upper

56 100

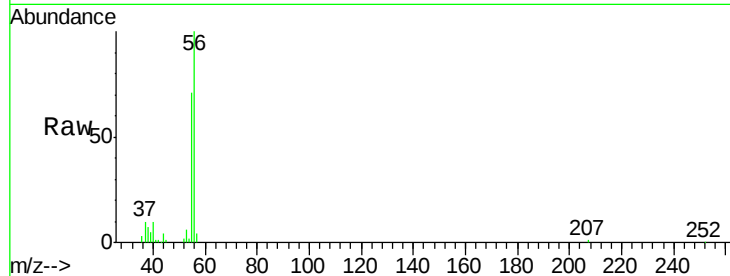
55 72.7 56.2 84.2

Manual Integrations

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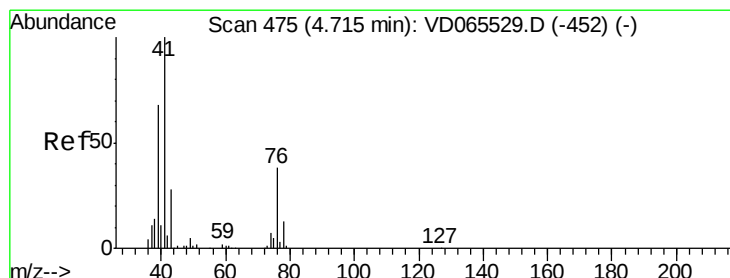
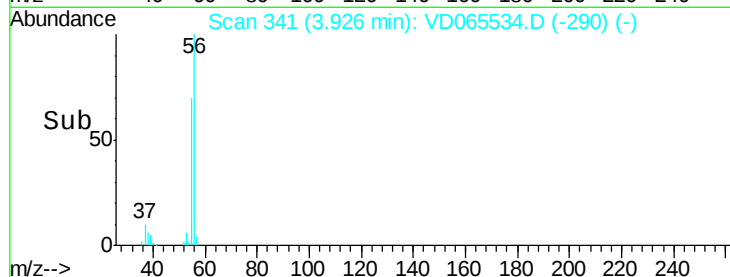
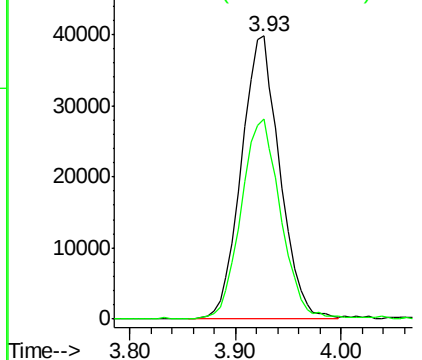
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 46.805 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

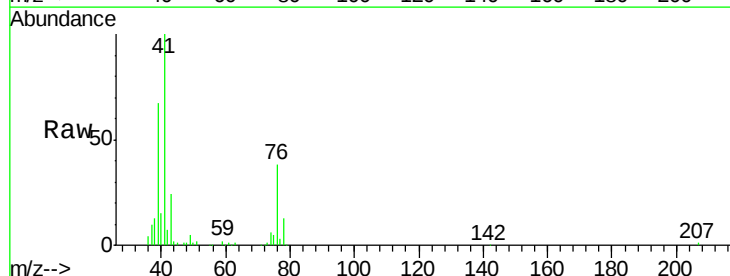
Tgt Ion: 41 Resp: 321109

Ion Ratio Lower Upper

41 100

39 65.5 52.9 79.3

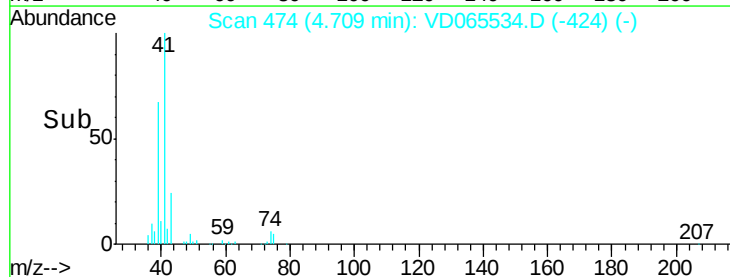
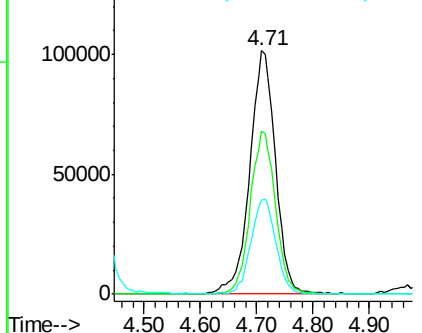
76 37.4 28.9 43.3

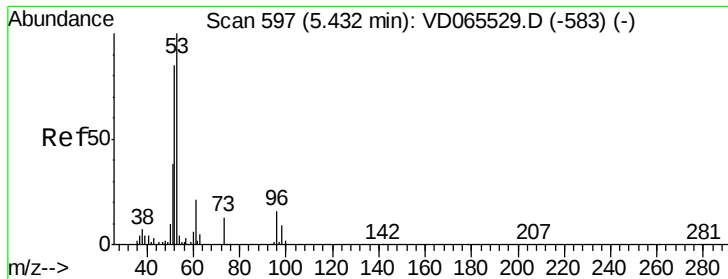


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 238.825 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

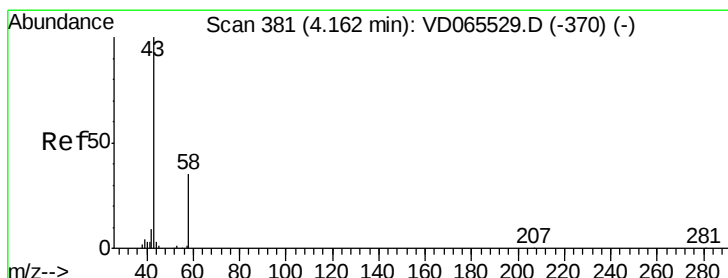
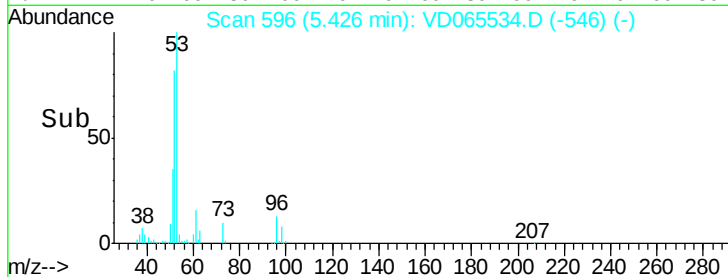
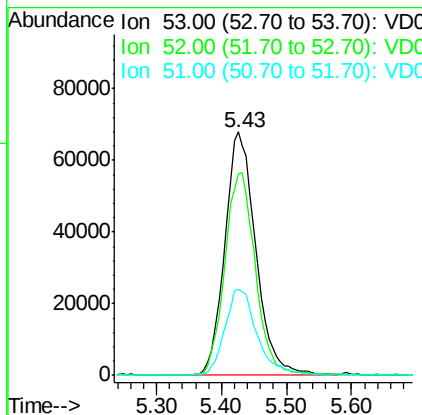
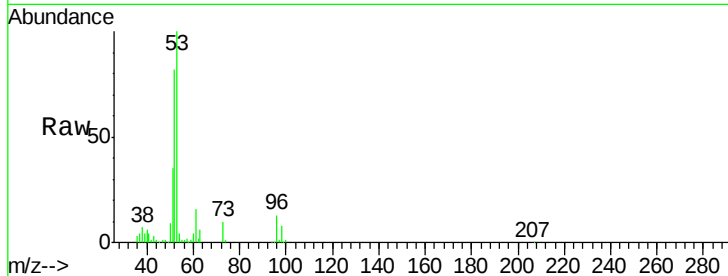
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	224529
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.8	98.6
51	37.0	29.7	44.5

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#16

Acetone

Concen: 270.536 ug/l

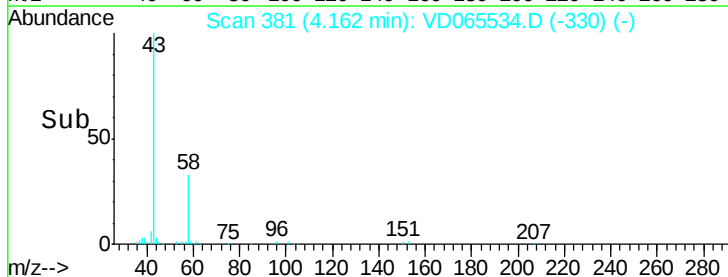
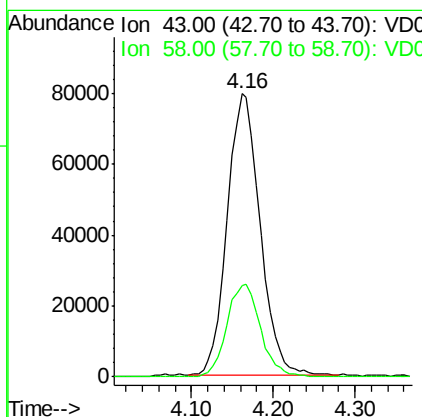
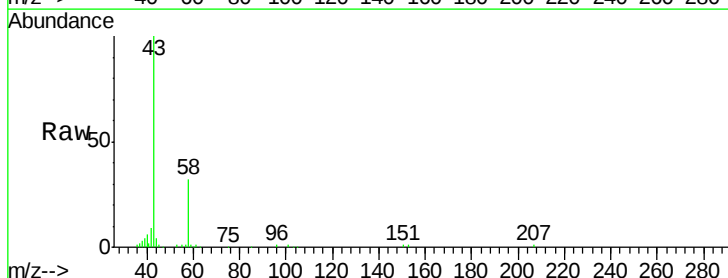
RT: 4.16 min Scan# 381

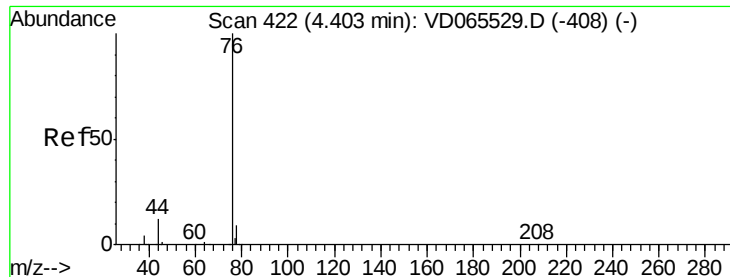
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion:	43	Resp:	221770
Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.9	41.9





#17

Carbon Disulfide

Concen: 47.686 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 708819

Ion Ratio Lower Upper

76 100

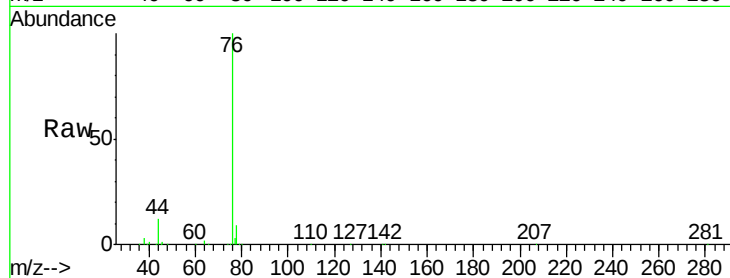
78 9.4 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

250000

200000

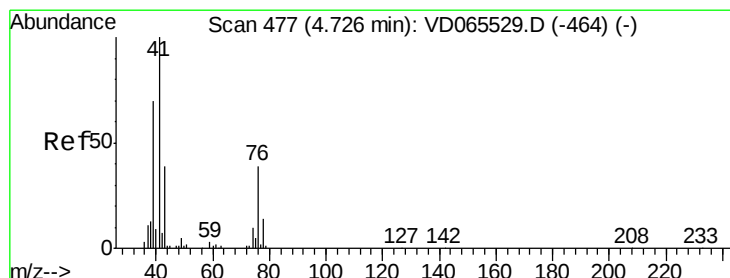
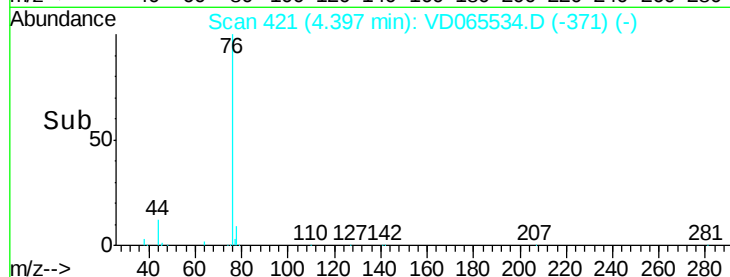
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 45.839 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065534.D

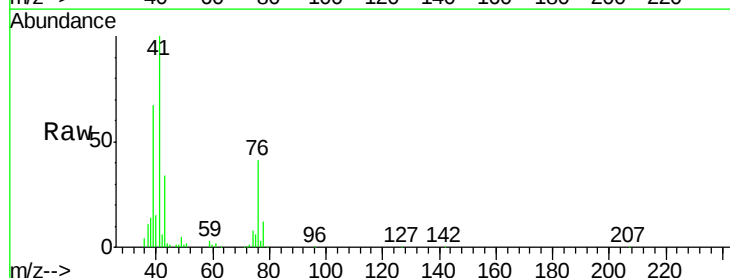
Acq: 27 Mar 2020 10:07

Tgt Ion: 43 Resp: 97710

Ion Ratio Lower Upper

43 100

74 25.2 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

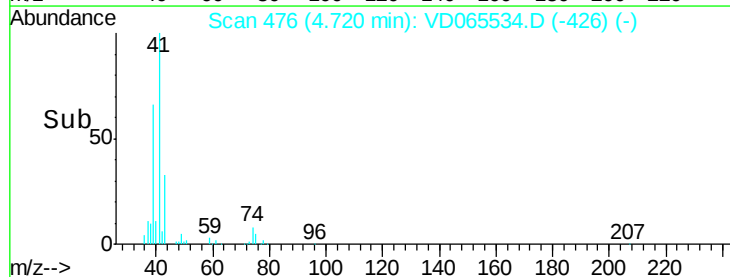
30000

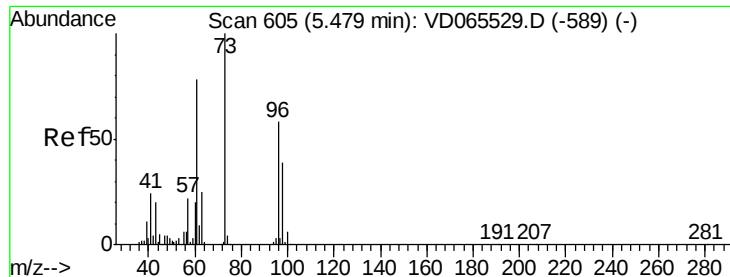
20000

10000

0

Time--> 4.60 4.70 4.80 4.90





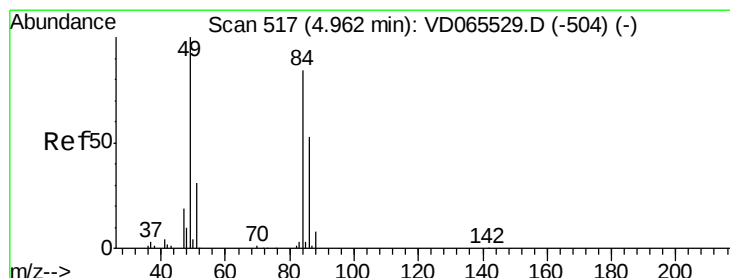
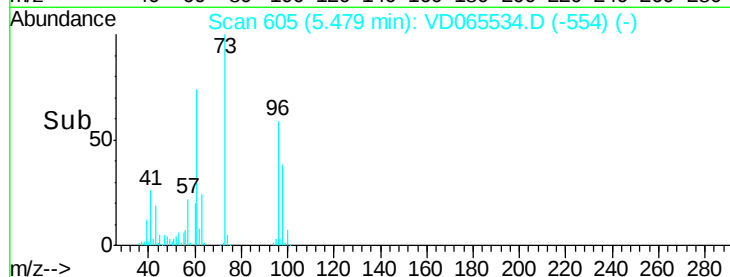
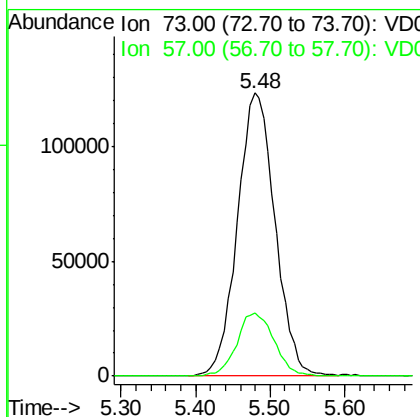
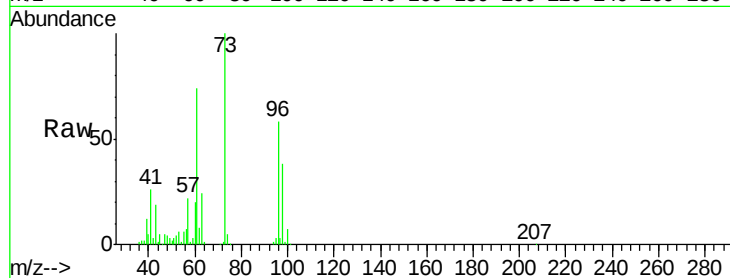
#19
Methyl tert-butyl Ether
Concen: 47.906 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

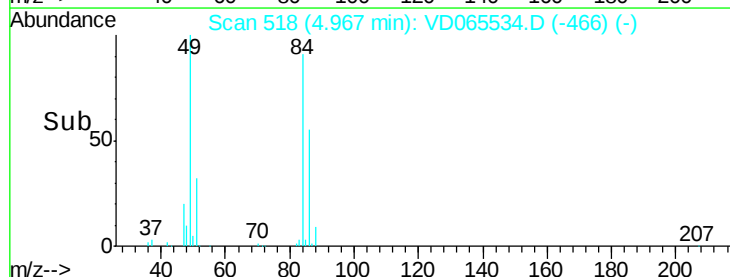
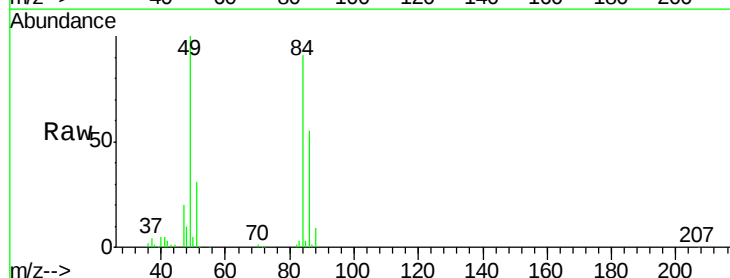
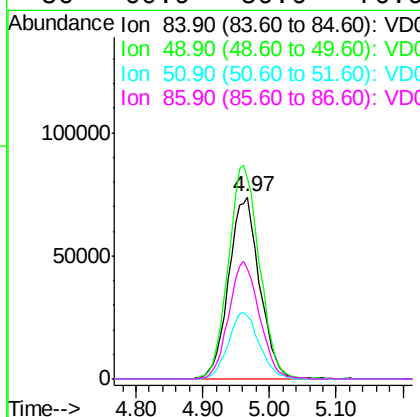
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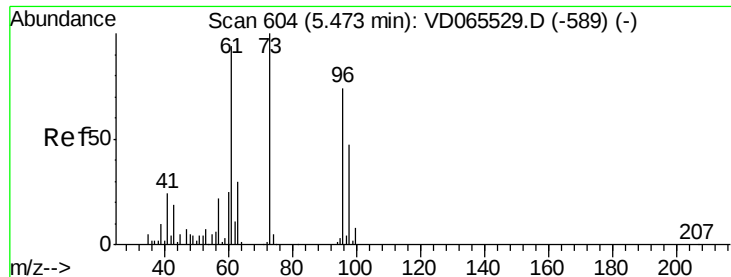
apatel
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#20
Methylene Chloride
Concen: 46.637 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.4	95.6	143.4
51	34.7	29.4	44.2
86	60.9	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 48.384 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

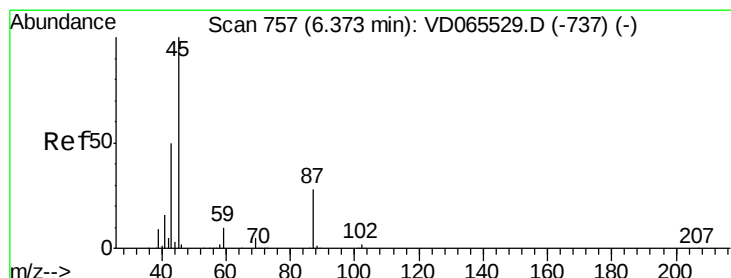
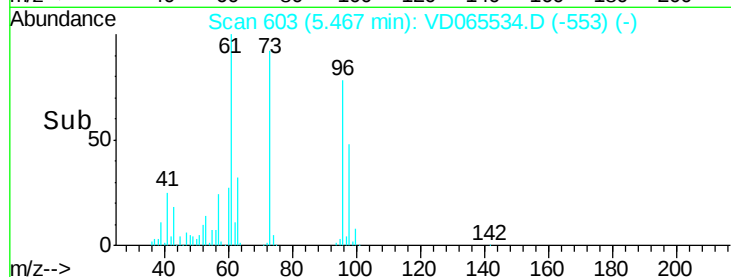
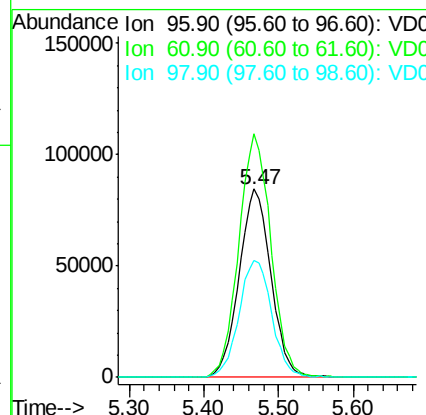
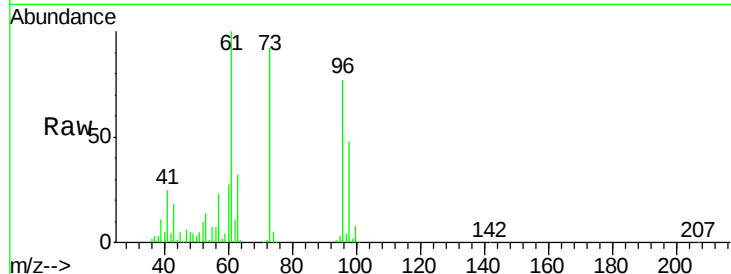
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	250991
Ion	Ratio	Lower	Upper
96	100		
61	129.4	101.8	152.6
98	61.9	51.4	77.2

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#22

Diisopropyl ether

Concen: 49.999 ug/l

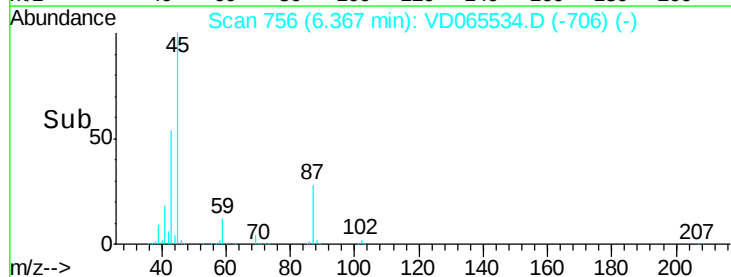
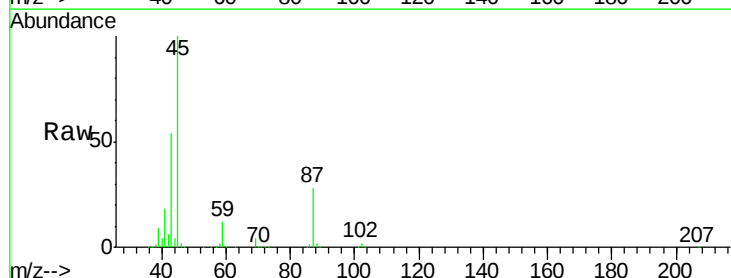
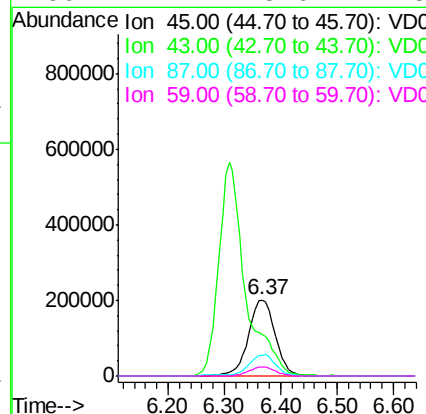
RT: 6.37 min Scan# 756

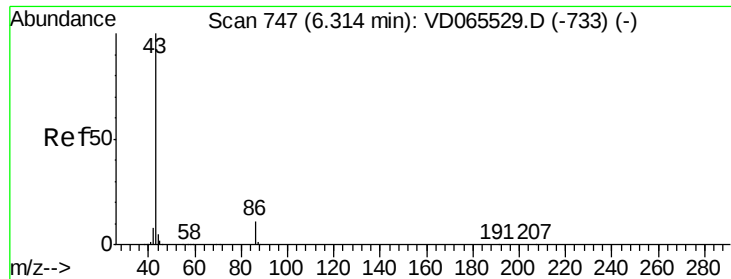
Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion:	45	Resp:	665169
Ion	Ratio	Lower	Upper
45	100		
43	53.4	40.5	60.7
87	27.6	22.5	33.7
59	12.2	8.6	12.8





#23

Vinyl Acetate

Concen: 255.340 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1850272

Ion Ratio Lower Upper

43 100

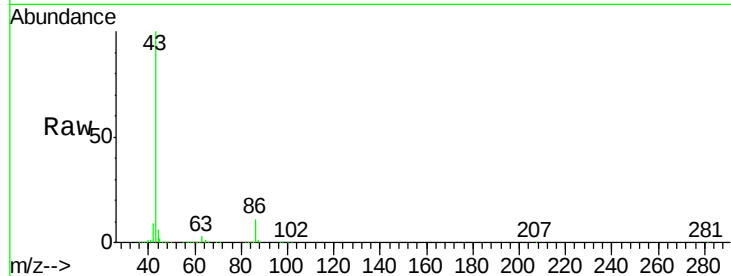
86 11.4 9.0 13.4

Manual Integrations

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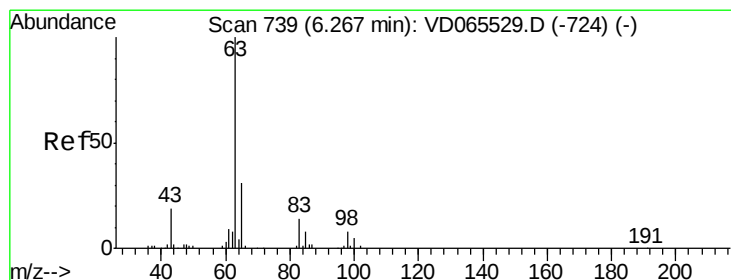
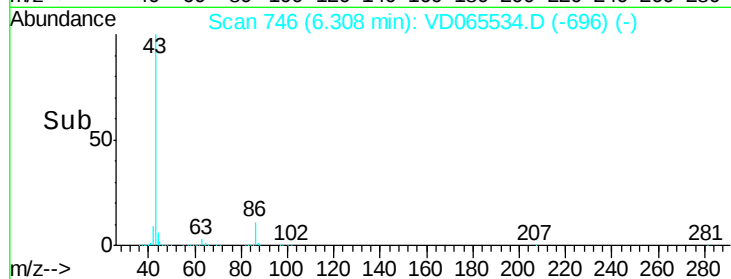
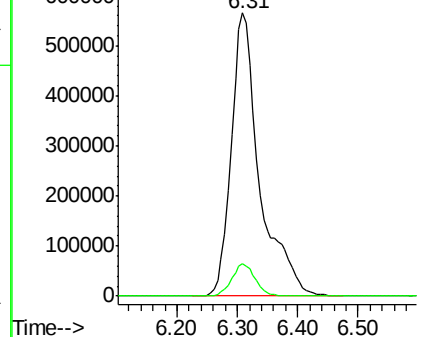
apatel

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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: 48.657 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

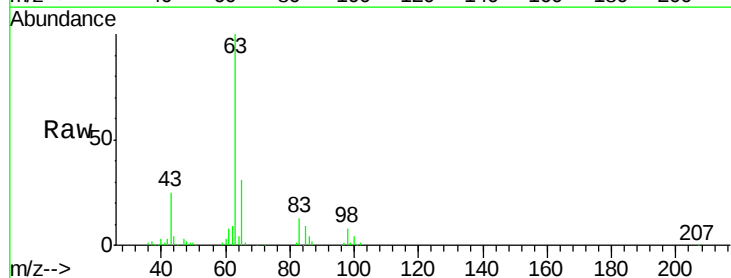
Tgt Ion: 63 Resp: 410473

Ion Ratio Lower Upper

63 100

98 7.6 4.2 12.6

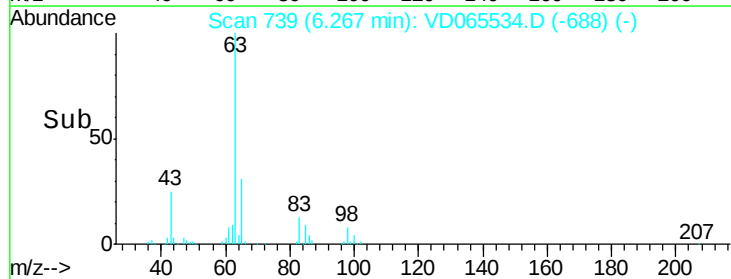
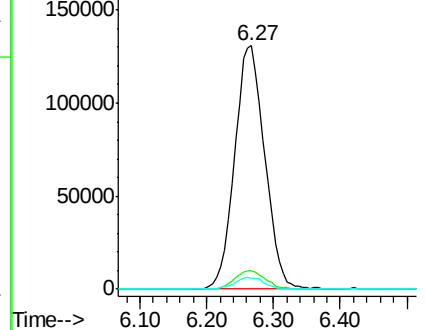
100 4.2 2.5 7.4

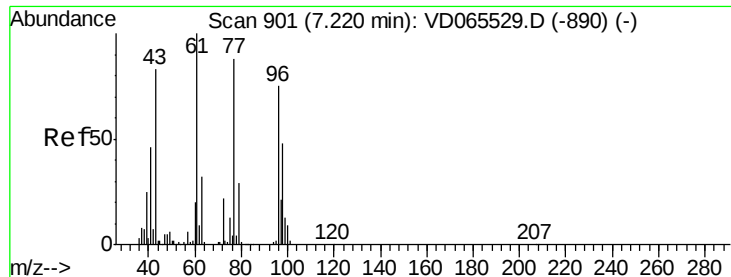


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 255.874 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 284858

Ion Ratio Lower Upper

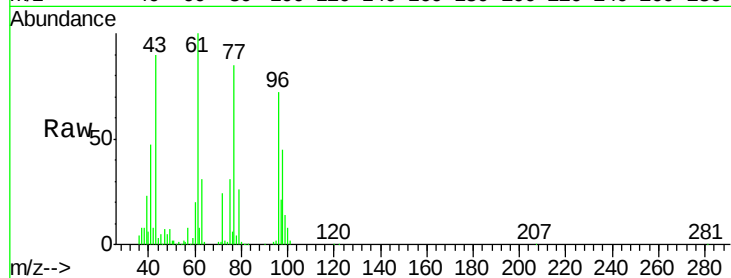
43 100

72 26.4 21.5 32.3

Manual Integrations
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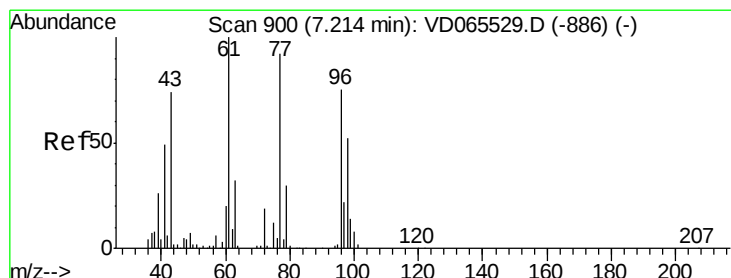
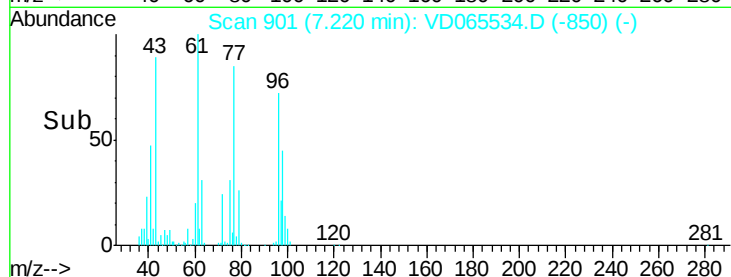
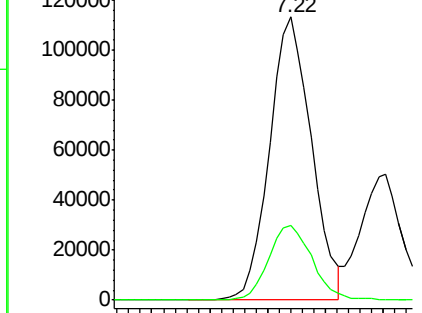
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.857 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065534.D

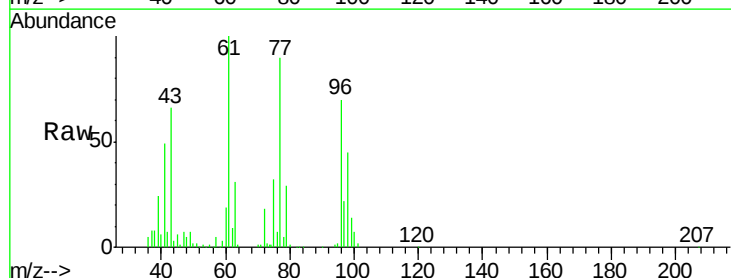
Acq: 27 Mar 2020 10:07

Tgt Ion: 77 Resp: 364984

Ion Ratio Lower Upper

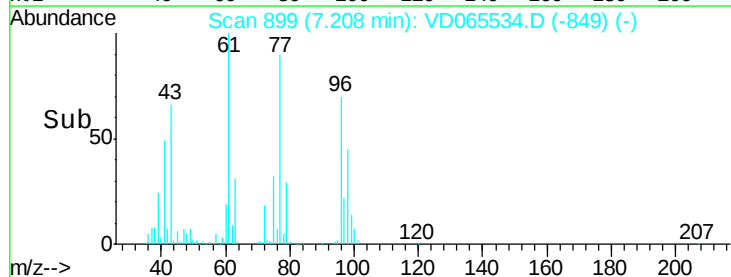
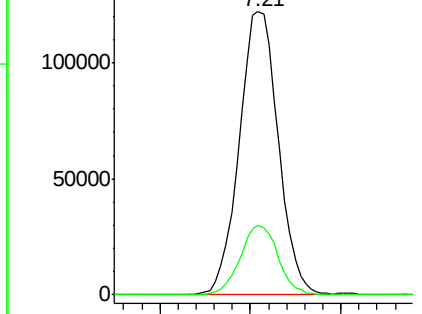
77 100

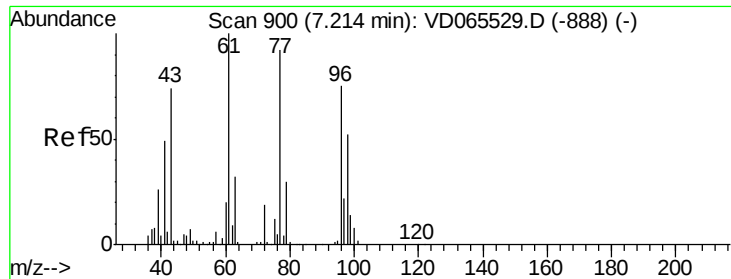
97 23.9 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

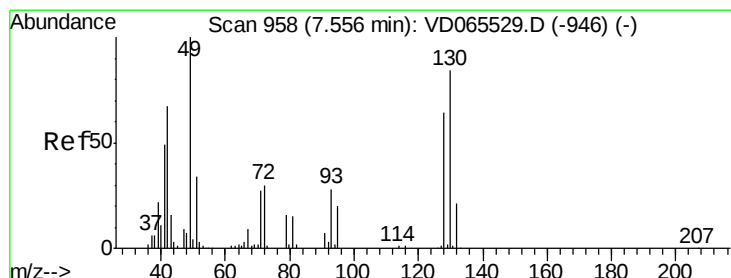
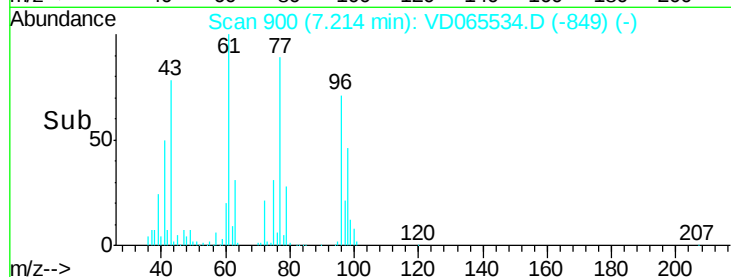
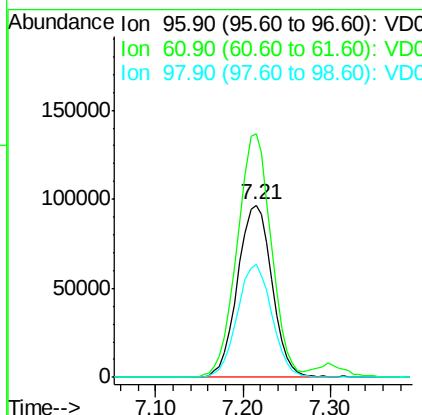
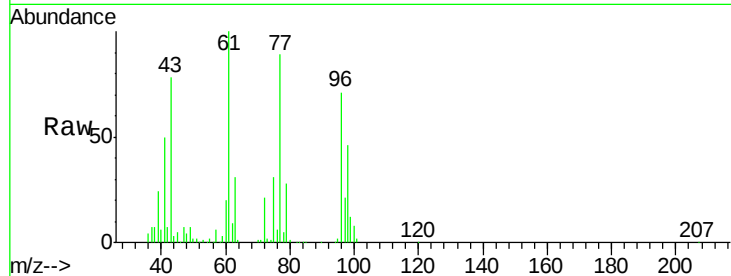
cis-1,2-Dichloroethene
 Concen: 48.112 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258619		
61	139.8	0.0	278.0	
98	65.6	0.0	129.6	

Manual Integrations
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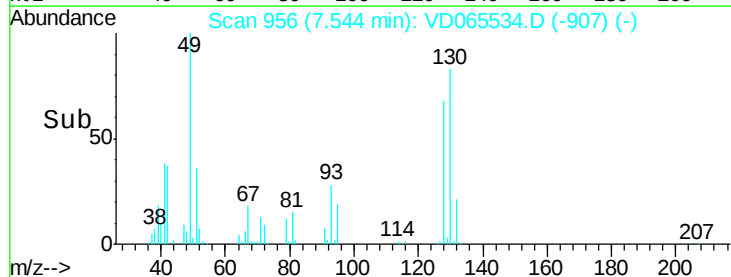
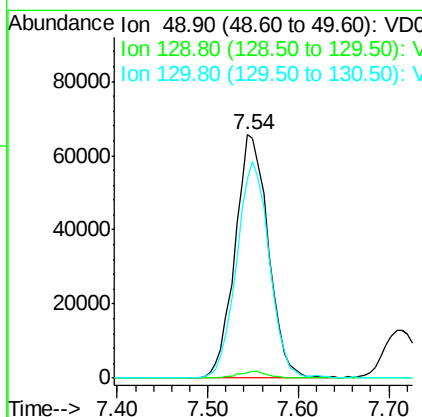
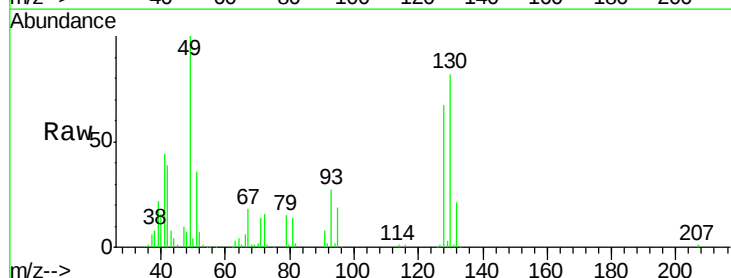
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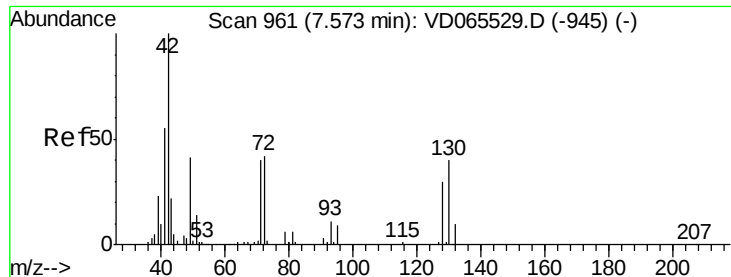


#28

Bromochloromethane
 Concen: 47.744 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167468		
129	2.6	0.0	4.4	
130	87.7	69.7	104.5	





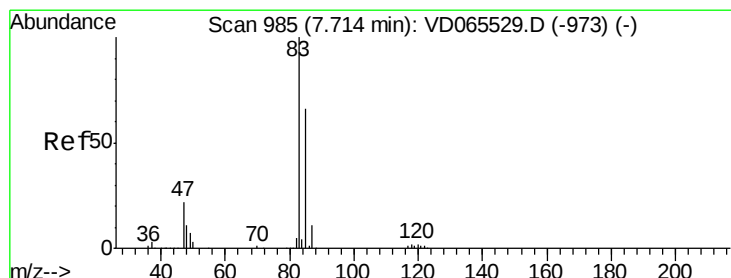
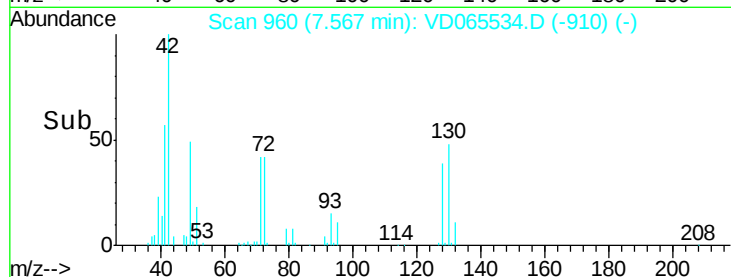
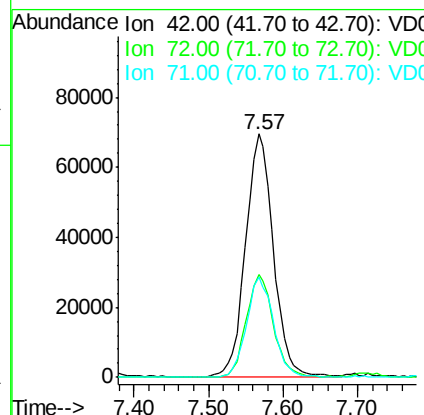
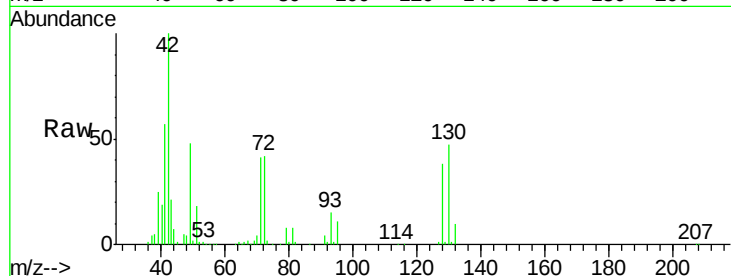
#29
Tetrahydrofuran
Concen: 250.888 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	35.0	52.6
71	39.7	33.0	49.6

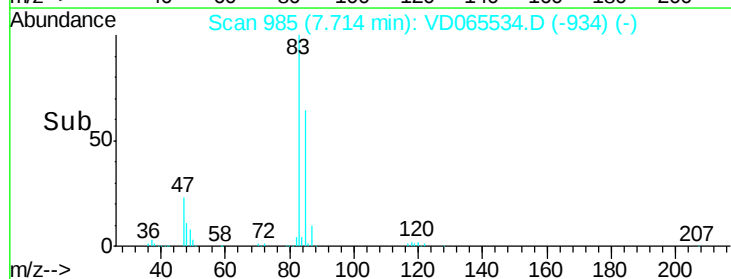
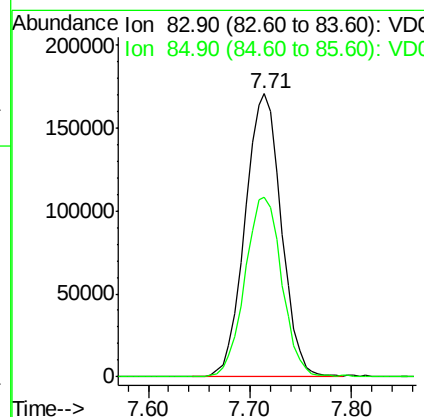
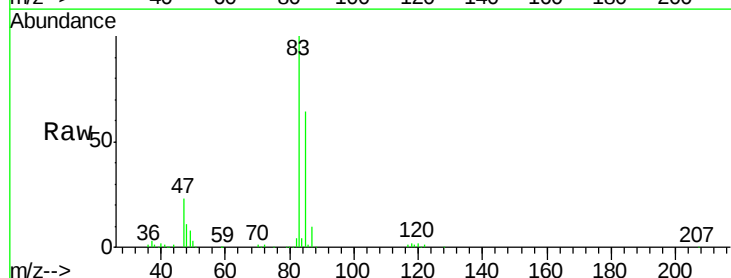
Manual Integrations
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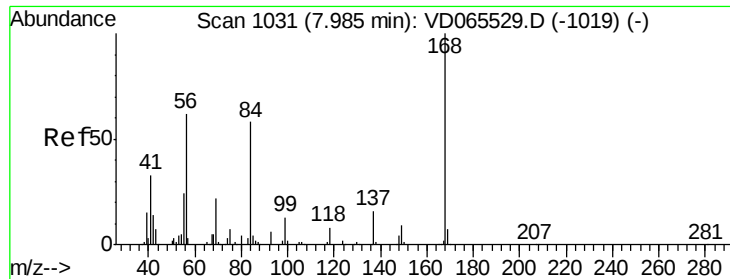
apatel
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#30
Chloroform
Concen: 48.434 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3





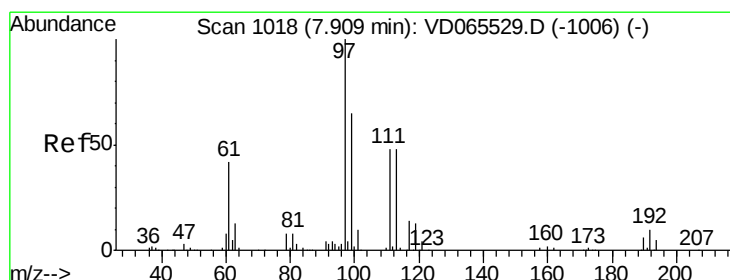
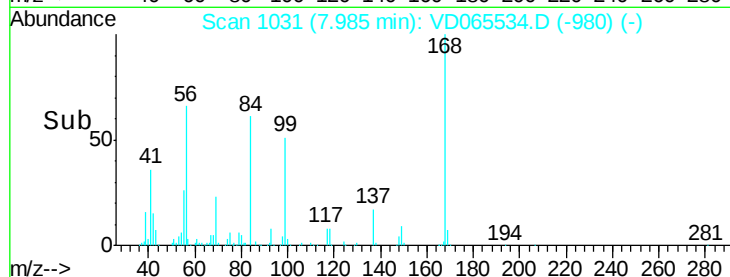
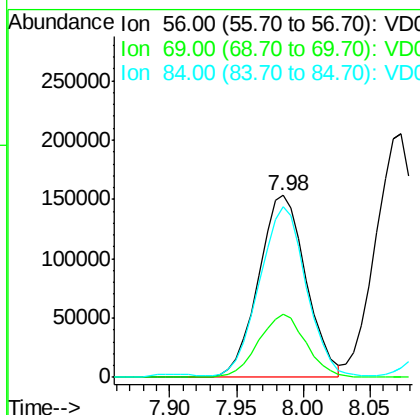
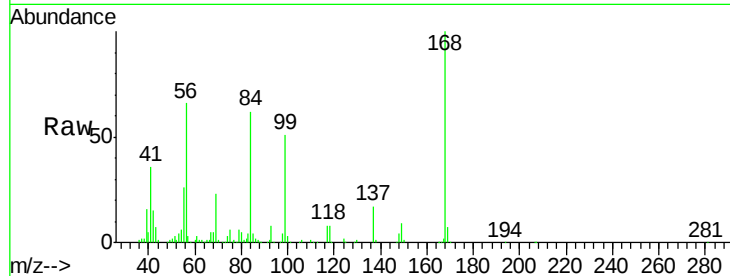
#31
Cyclohexane
Concen: 46.521 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.2	42.4
84	92.5	73.4	110.0

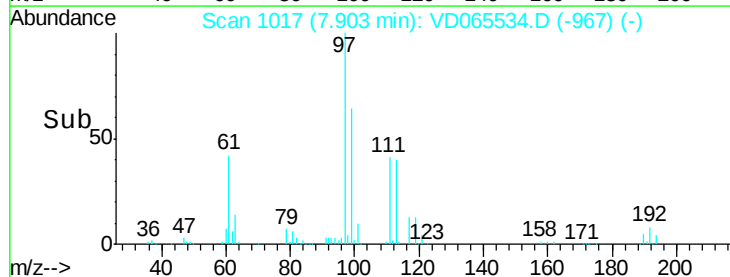
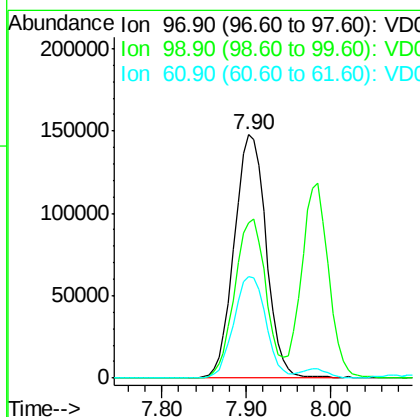
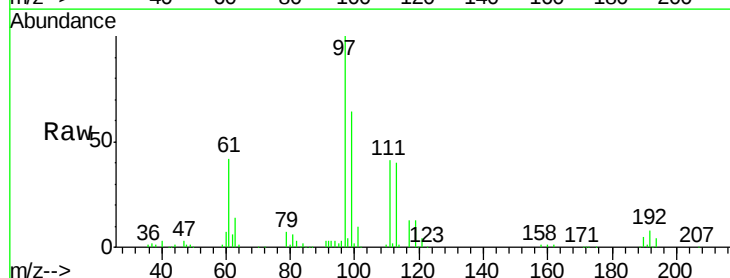
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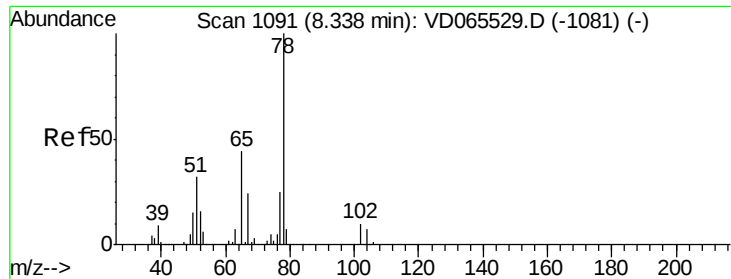
apatel
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#32
1,1,1-Trichloroethane
Concen: 48.811 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	42.1	33.4	50.2





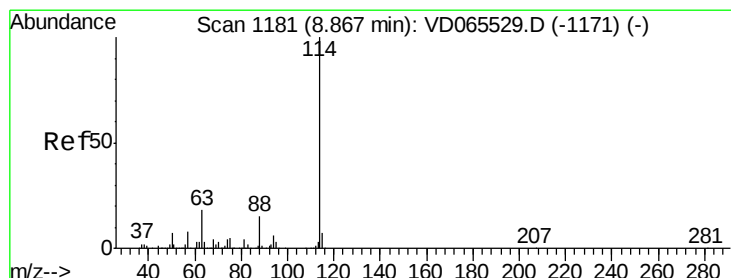
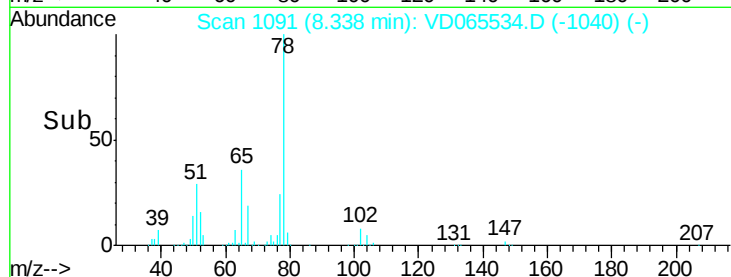
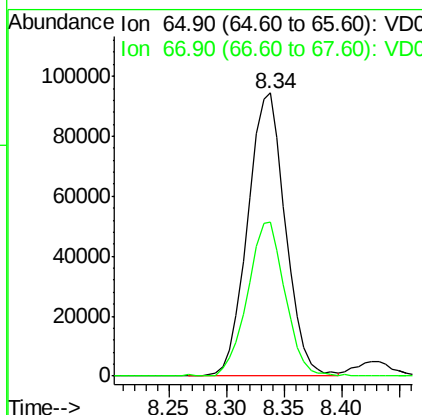
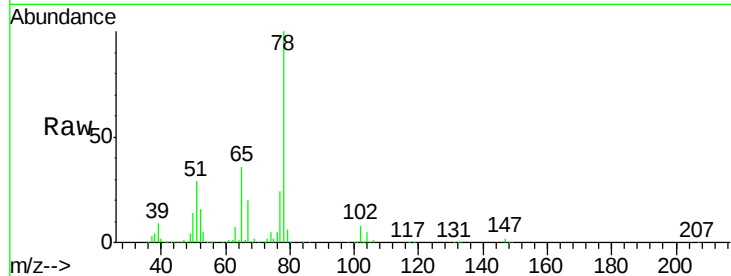
#33
 1,2-Dichloroethane-d4
 Concen: 49.502 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215060		
67	54.2	0.0	107.6	

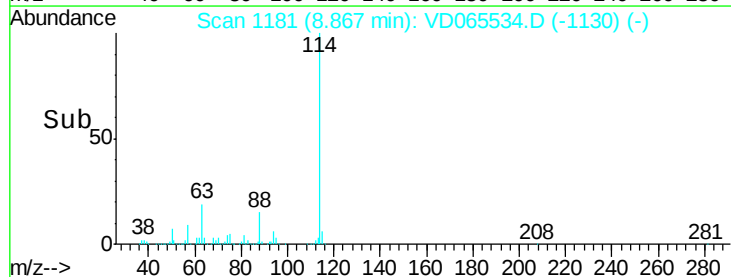
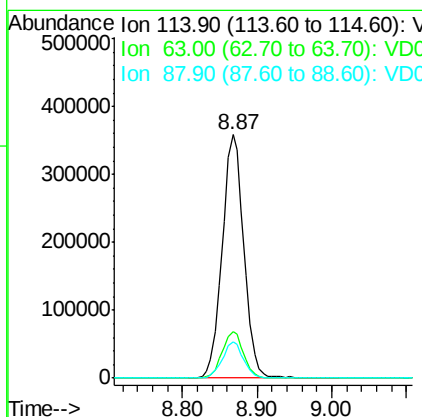
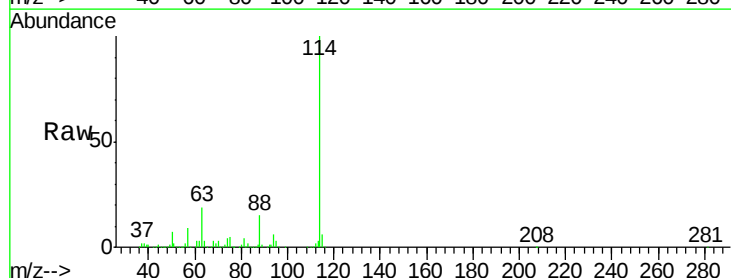
Manual Integrations
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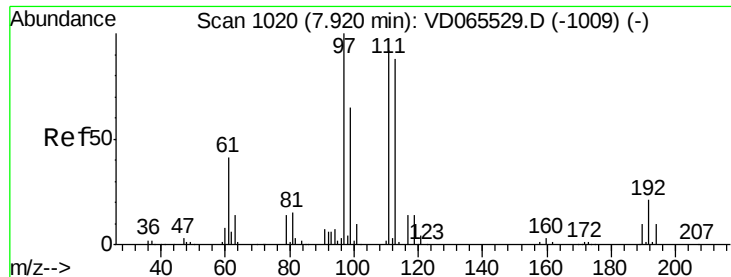
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	722684		
63	18.9	0.0	37.0	
88	14.9	0.0	30.4	





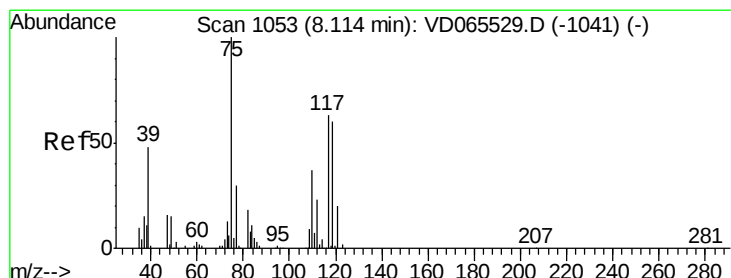
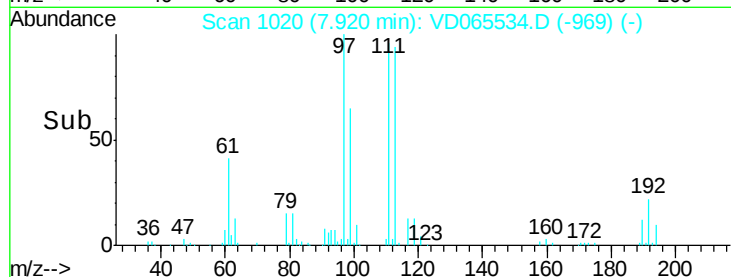
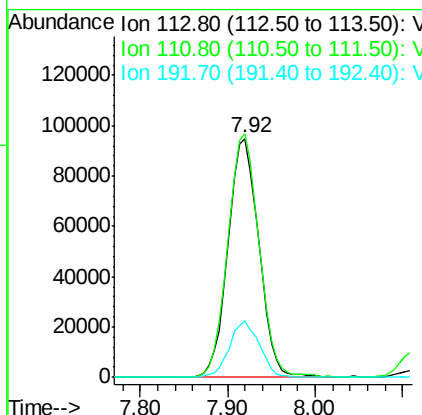
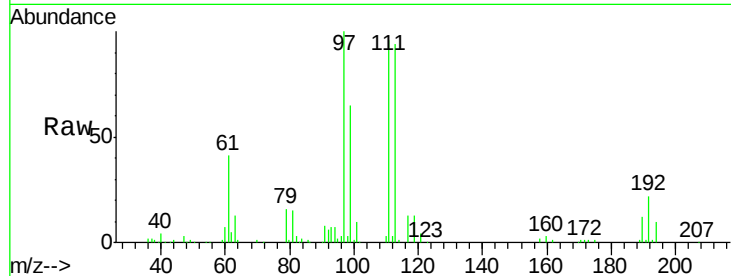
#35
 Dibromofluoromethane
 Concen: 51.309 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228877		
111	102.9	83.3	124.9	
192	22.9	18.5	27.7	

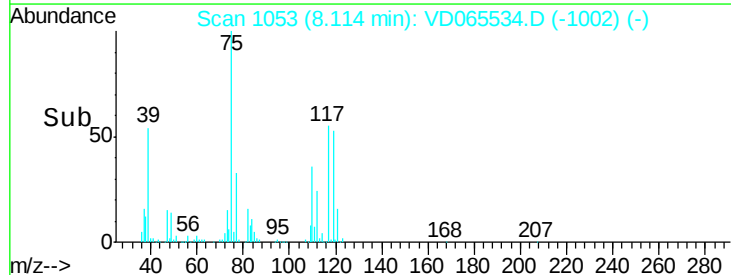
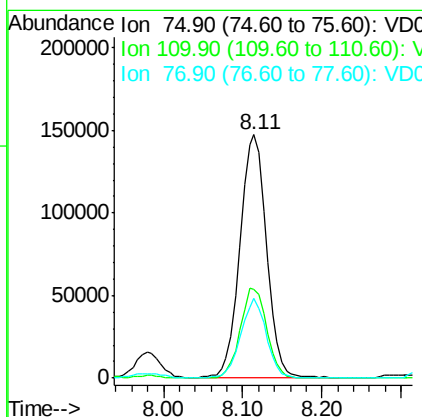
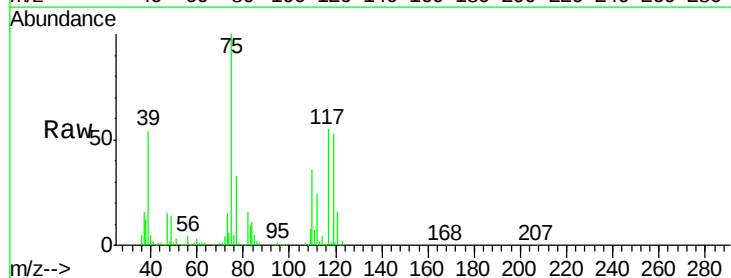
Manual Integrations
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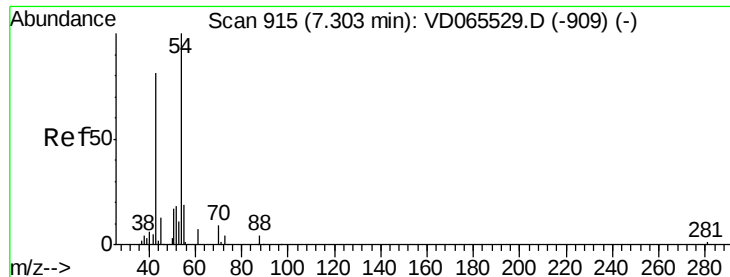
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#36
 1,1-Dichloropropene
 Concen: 51.780 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	341898		
110	36.9	18.8	56.4	
77	31.8	25.1	37.7	





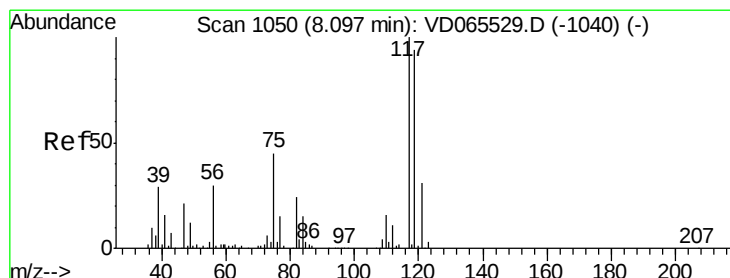
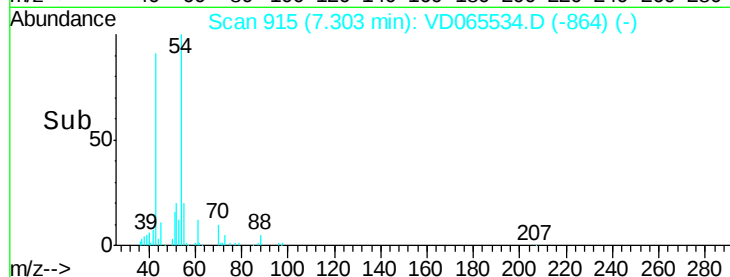
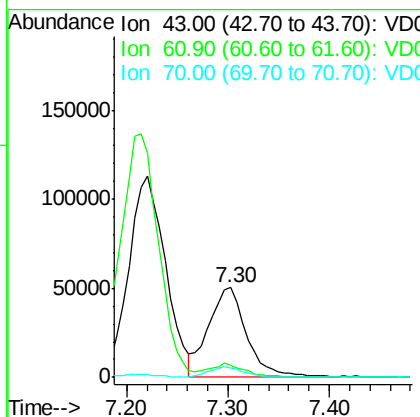
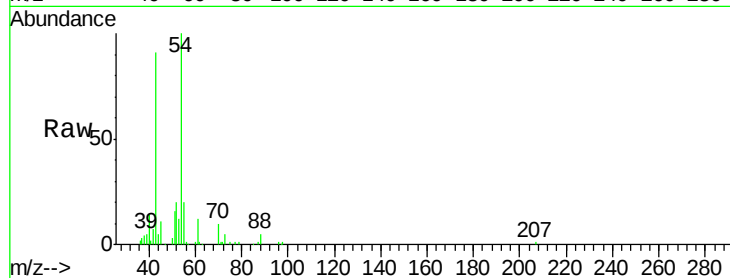
#37
Ethyl Acetate
Concen: 50.932 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.2	18.4
70	10.1	8.4	12.6

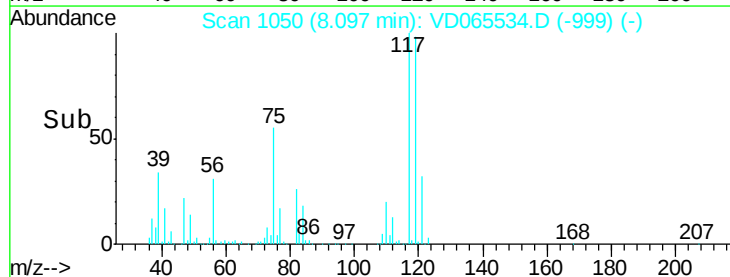
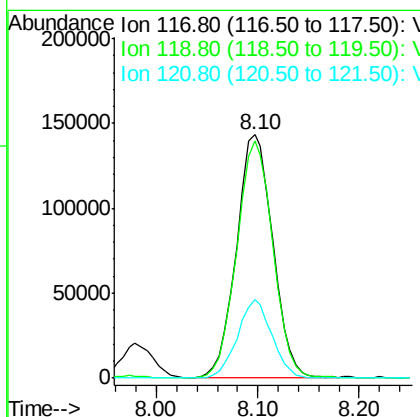
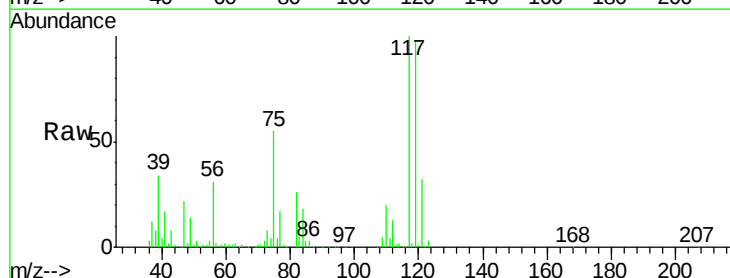
Manual Integrations
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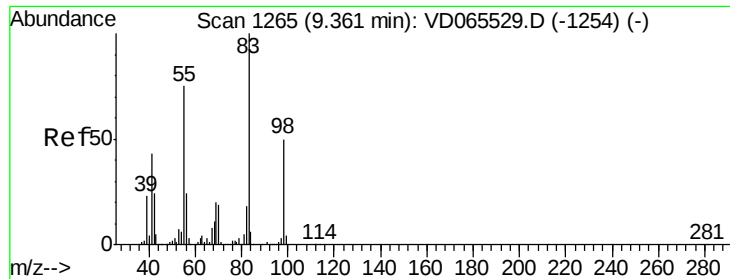
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#38
Carbon Tetrachloride
Concen: 51.212 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.2	112.8
121	32.4	24.5	36.7





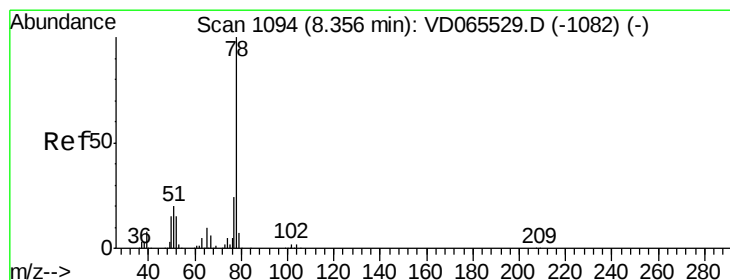
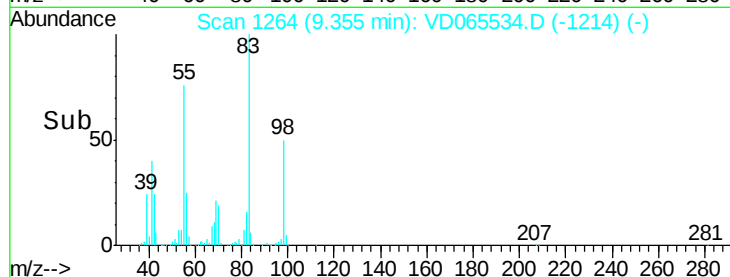
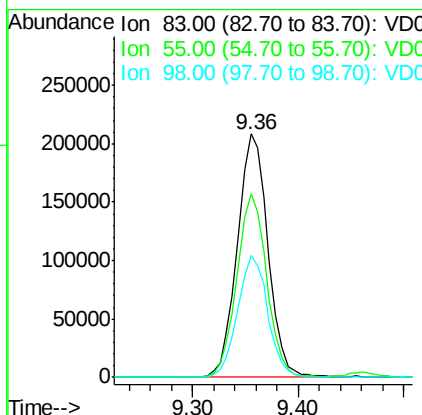
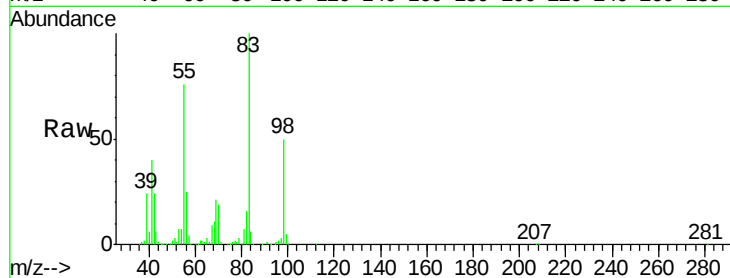
#39
Methvlcvclohexane
Concen: 53.727 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.7	89.5
98	50.1	40.2	60.2

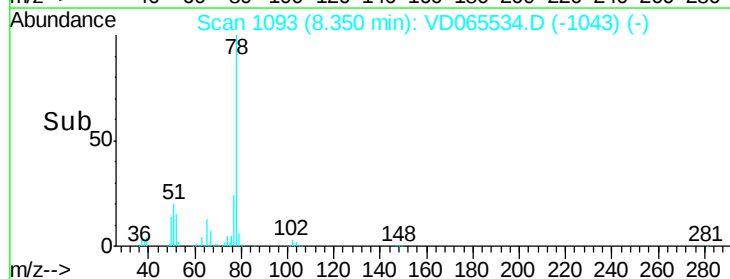
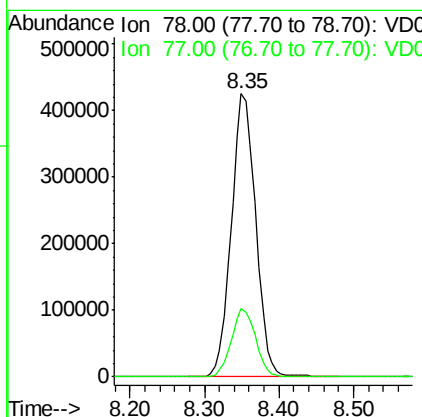
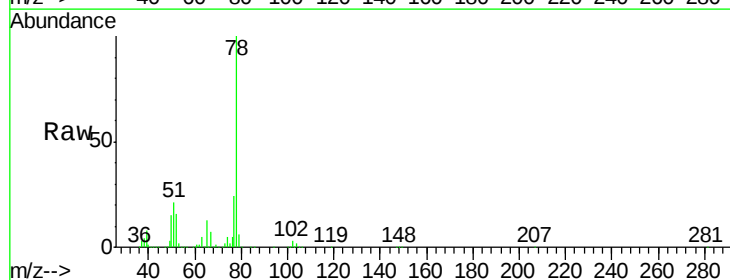
Manual Integrations
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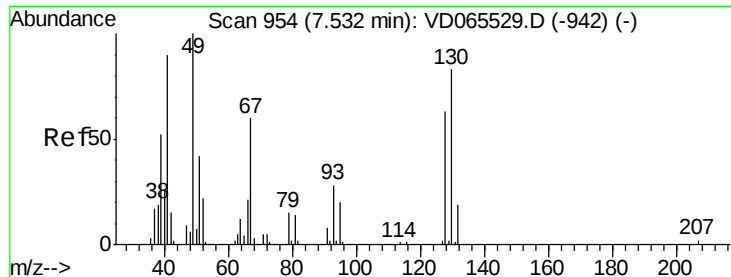
apatel
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#40
Benzene
Concen: 51.453 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





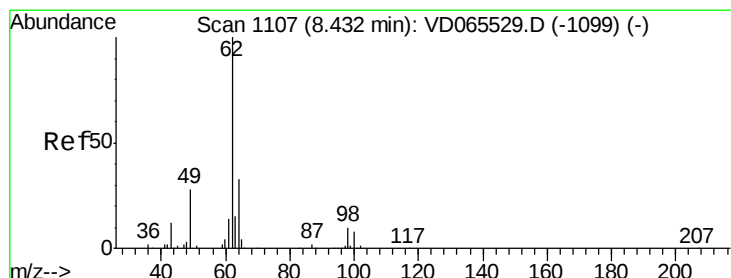
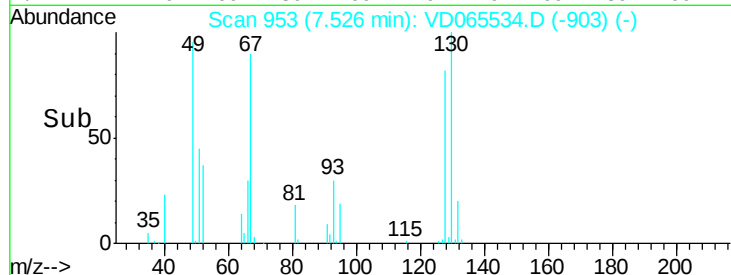
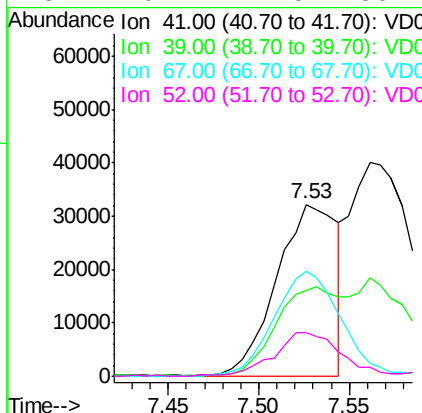
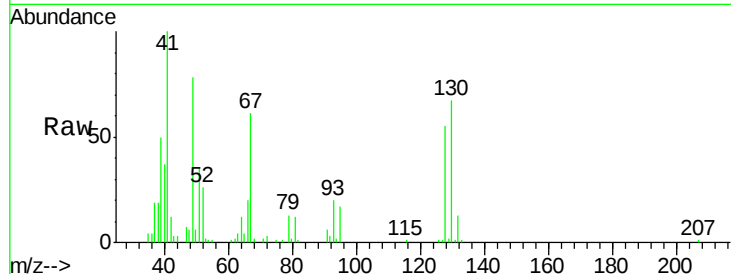
#41
Methacrylonitrile
Concen: 51.496 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	75130
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.9	64.3
67	68.0	60.5	90.7
52	29.1	24.5	36.7

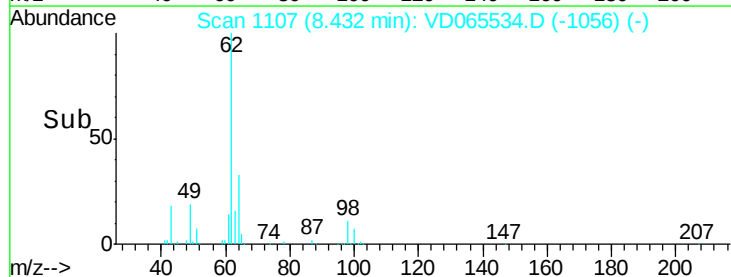
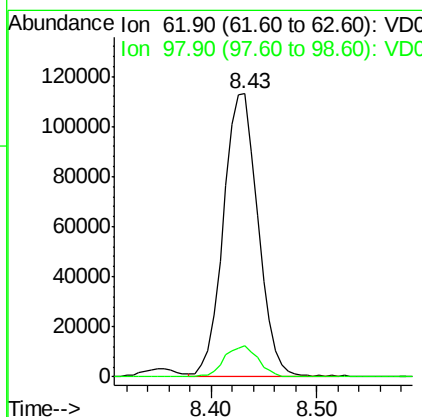
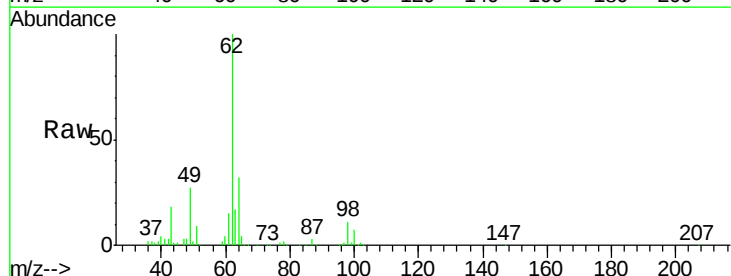
Manual Integrations
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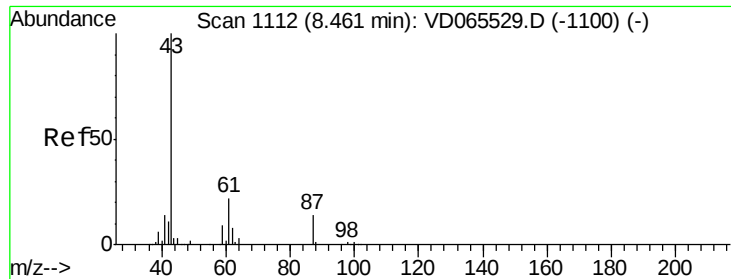
apatel
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#42
1,2-Dichloroethane
Concen: 50.863 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	62	Resp	255008
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8





#43

Isopropyl Acetate

Concen: 49.894 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

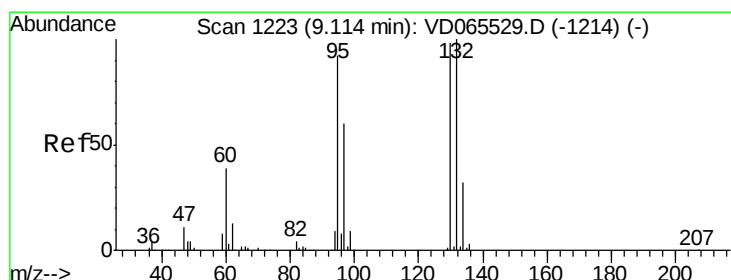
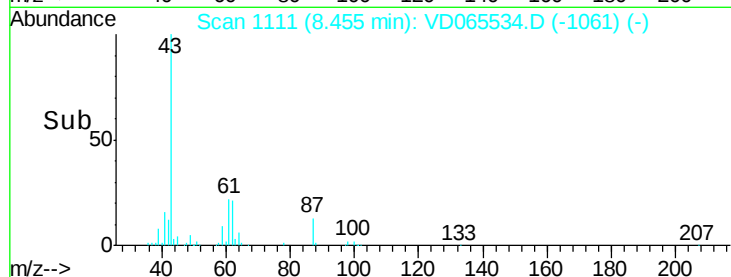
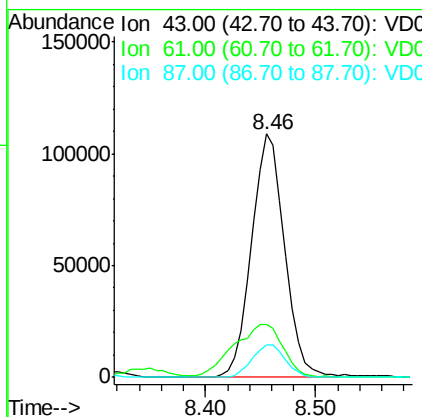
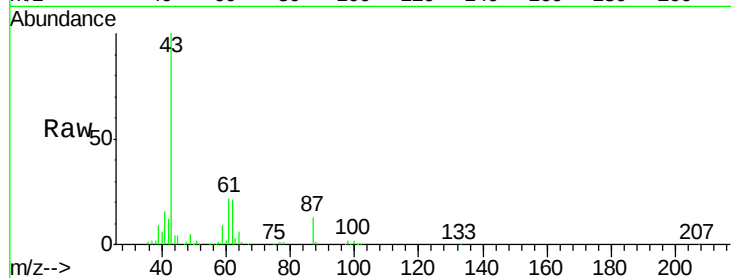
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	228999
Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.0	37.4
87	13.6	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.212 ug/l

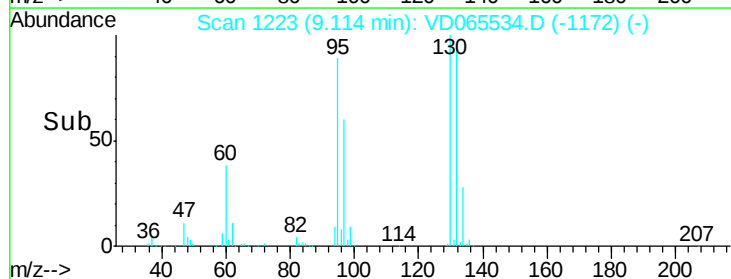
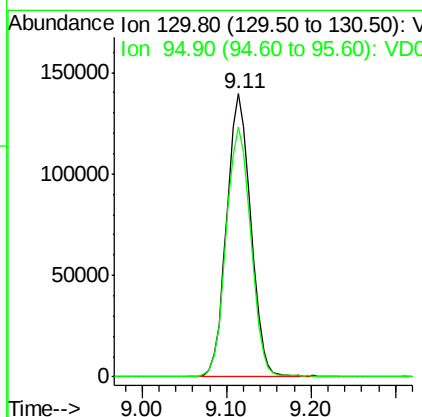
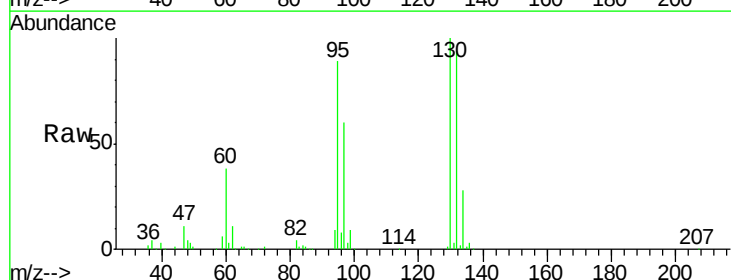
RT: 9.11 min Scan# 1223

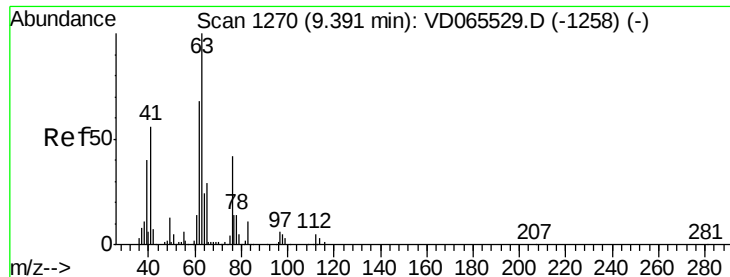
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion:	130	Resp:	274506
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.486 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 235646

Ion Ratio Lower Upper

63 100

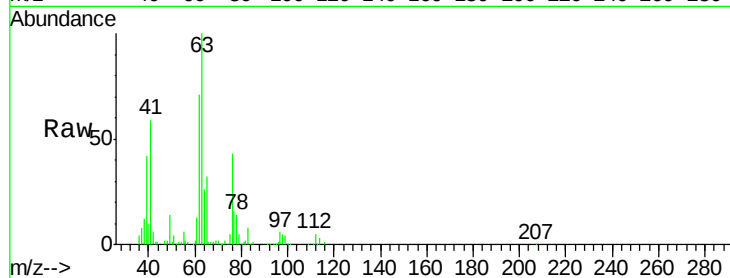
65 32.0 23.5 35.3

Manual Integrations

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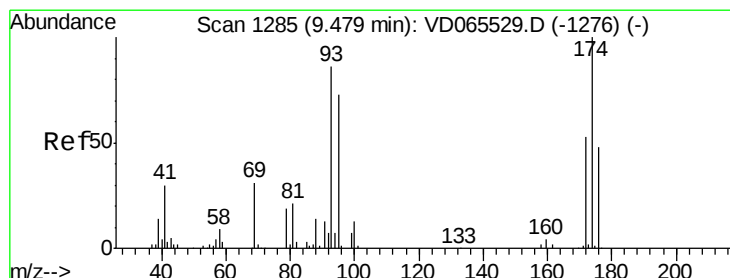
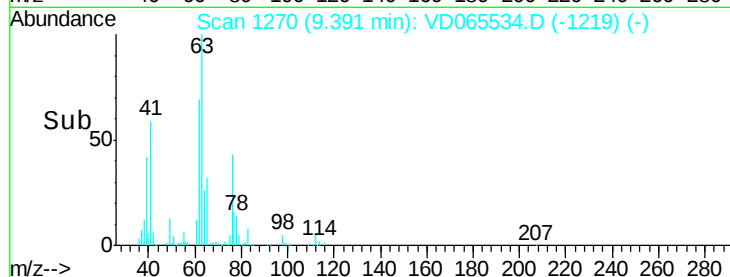
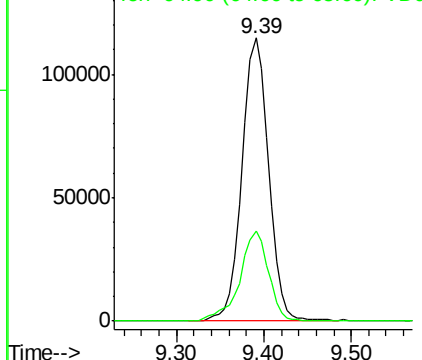
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.147 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

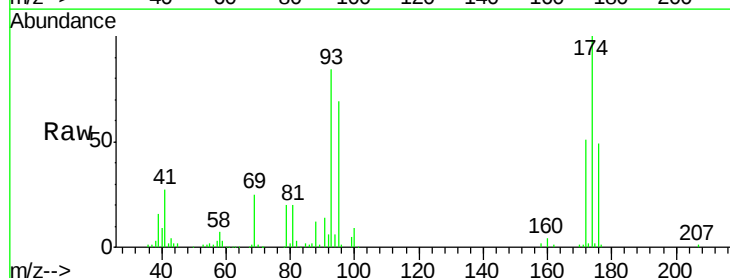
Tgt Ion: 93 Resp: 122837

Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

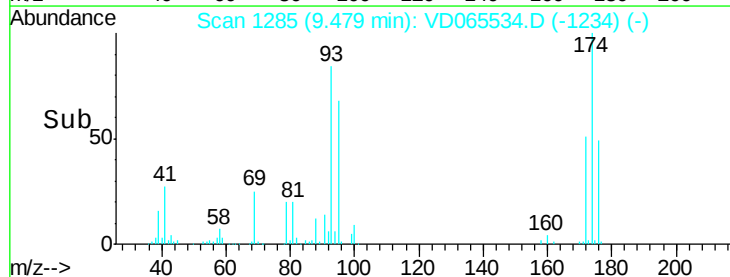
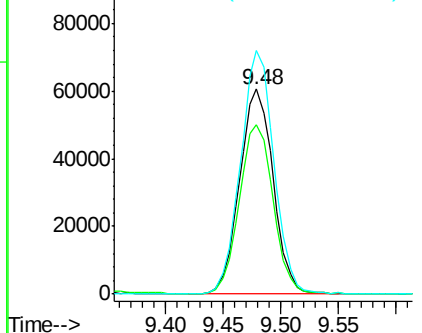
174 118.3 92.5 138.7

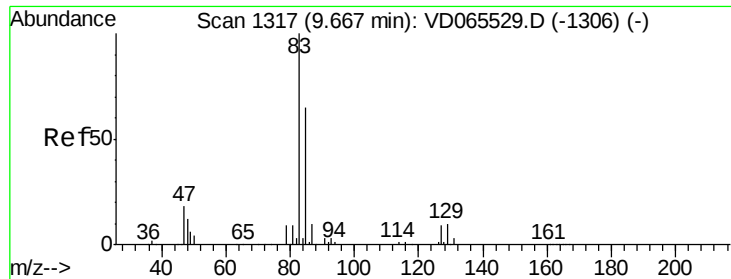


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





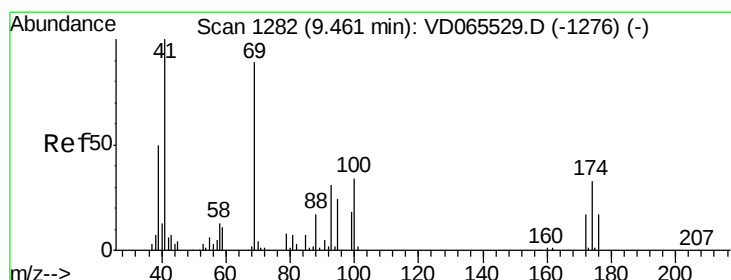
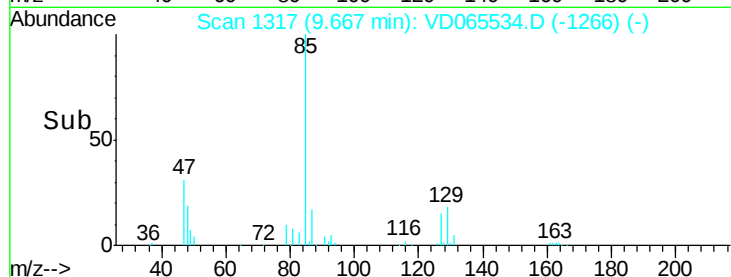
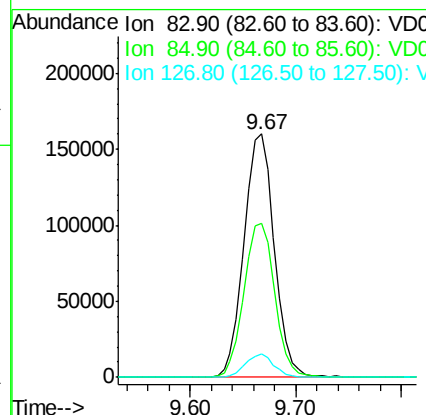
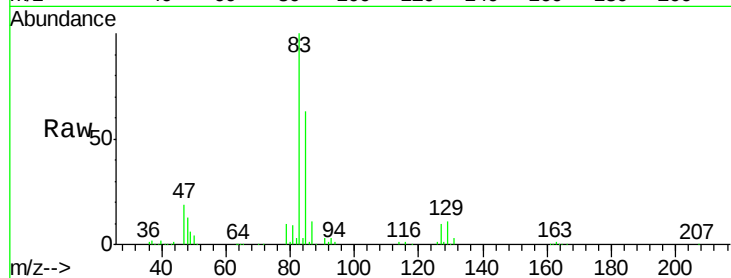
#47
Bromodichloromethane
Concen: 50.169 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2
127	9.6	7.1	10.7

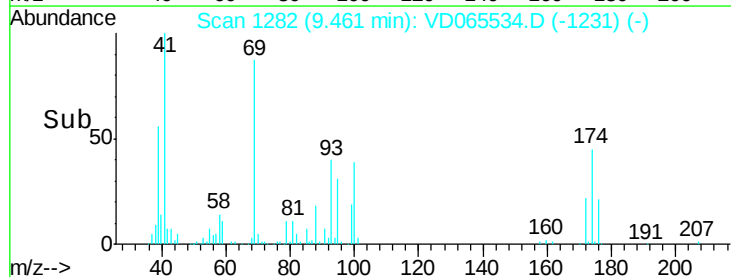
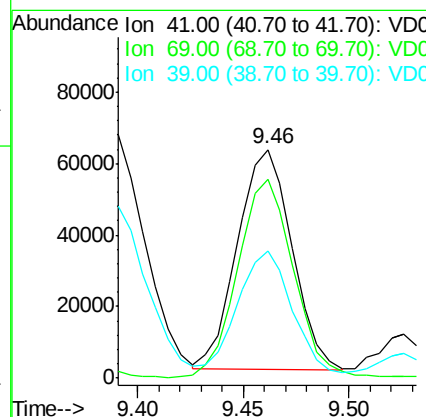
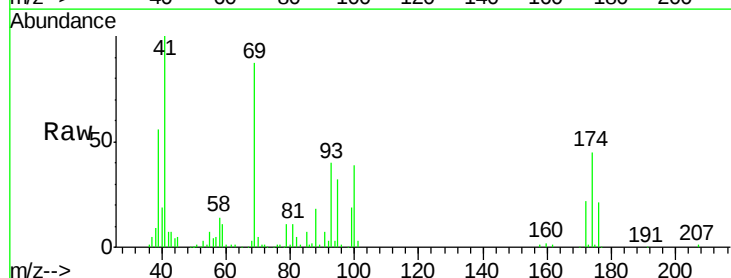
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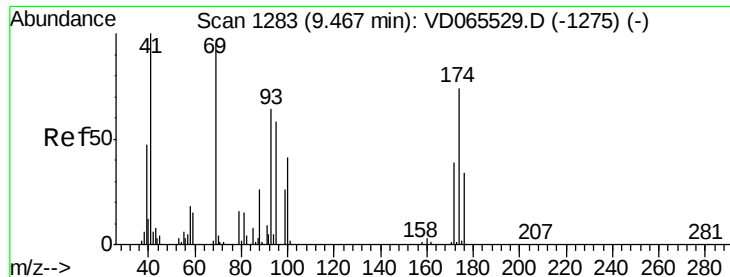
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#48
Methyl methacrylate
Concen: 50.675 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.4	71.8	107.6
39	53.9	42.2	63.4





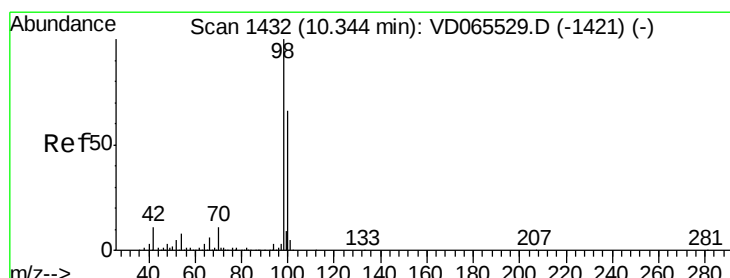
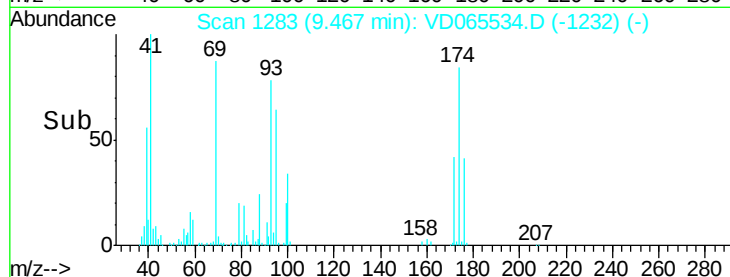
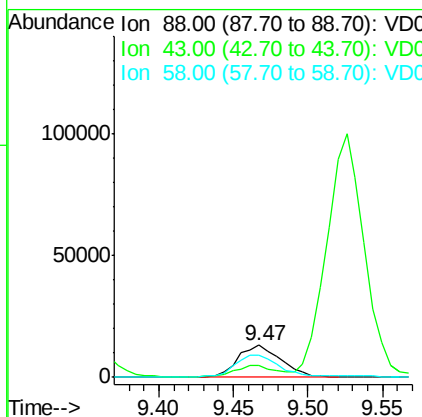
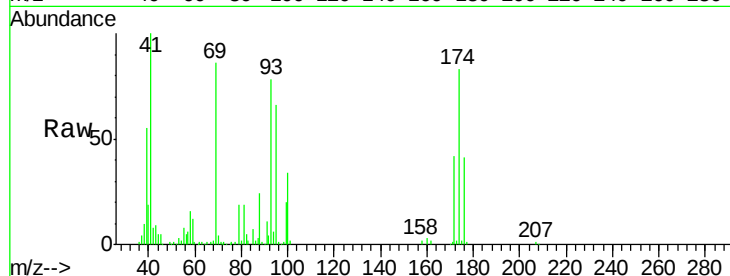
#49
1,4-Dioxane
Concen: 1020.593 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	26.0	39.0
58	71.1	54.6	82.0

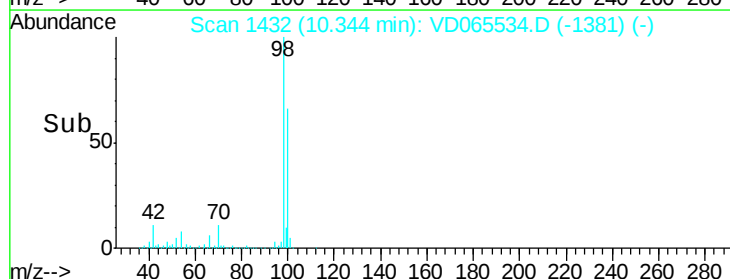
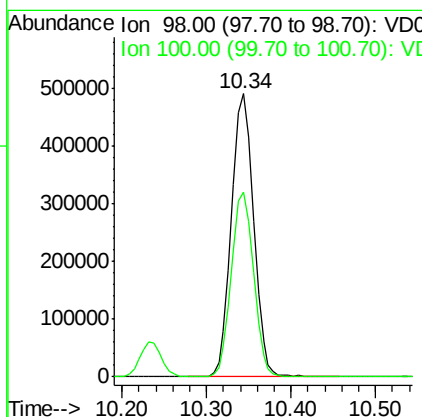
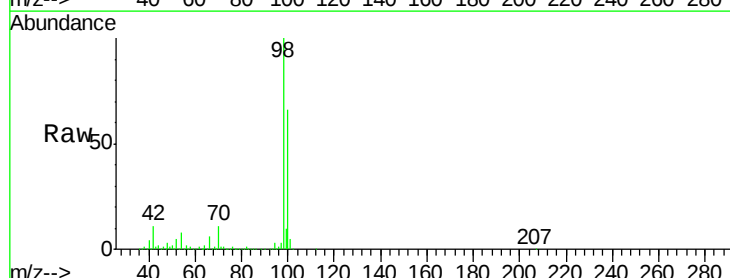
Manual Integrations
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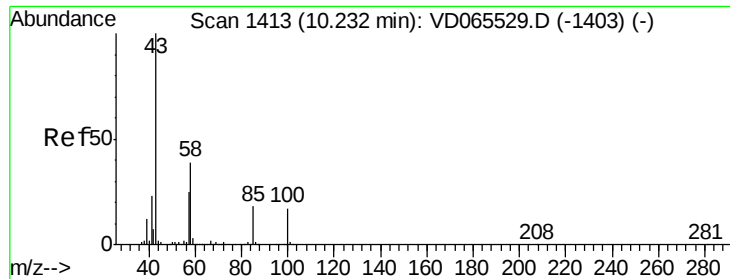
apatel
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#50
Toluene-d8
Concen: 53.229 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





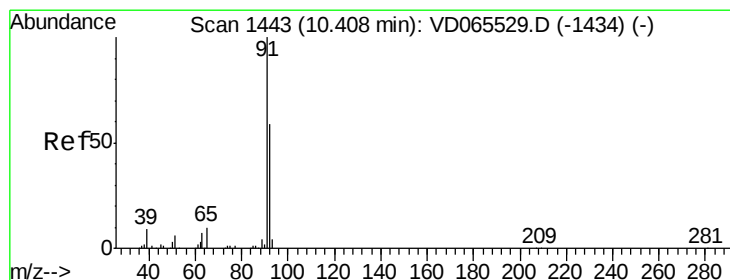
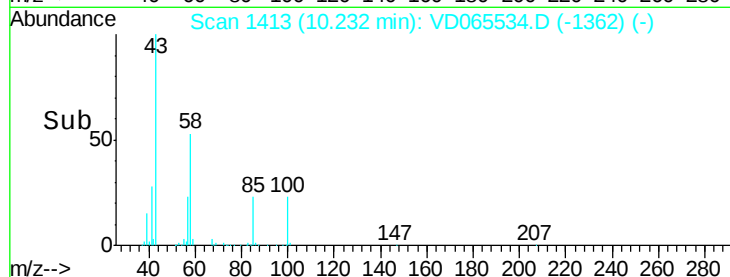
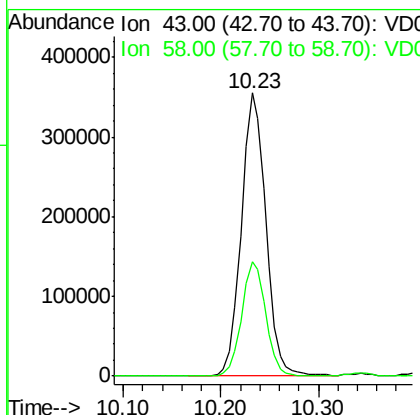
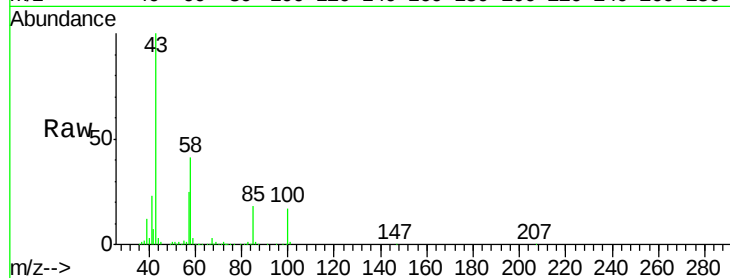
#51
4-Methyl-2-Pentanone
Concen: 269.255 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.4	47.2

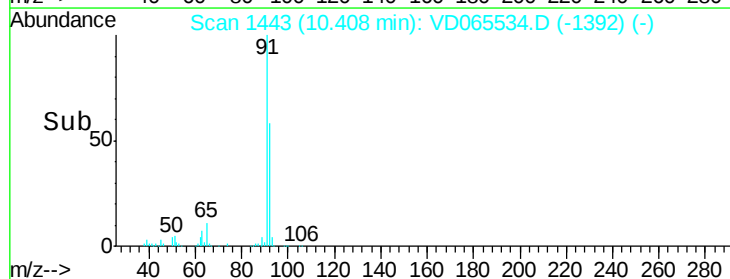
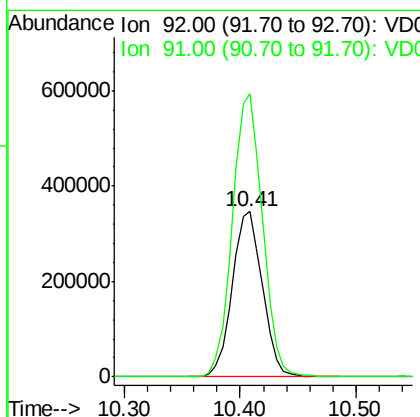
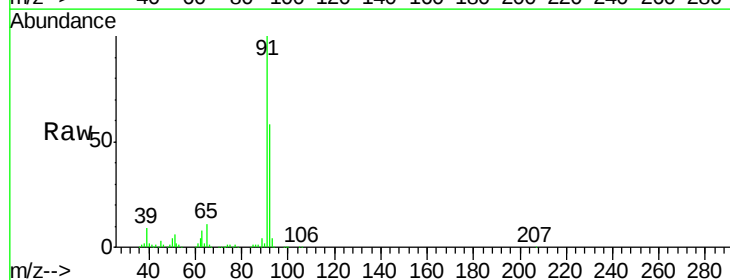
Manual Integrations
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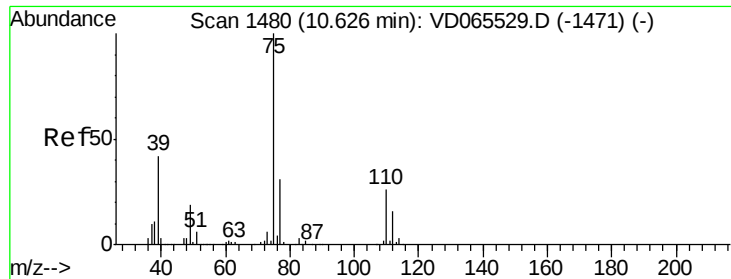
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#52
Toluene
Concen: 52.399 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.3	205.9





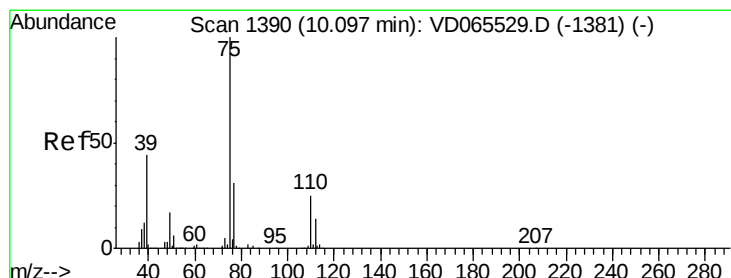
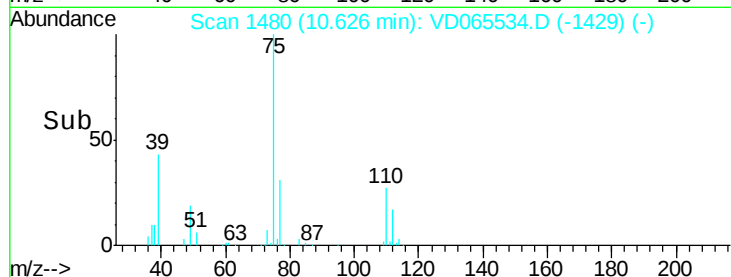
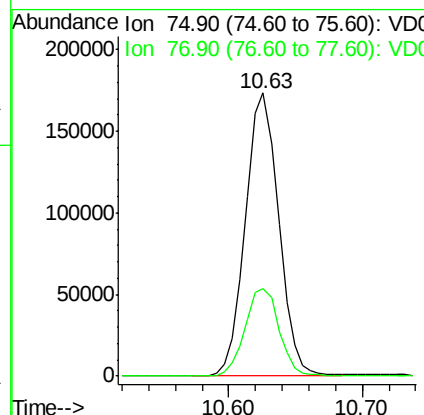
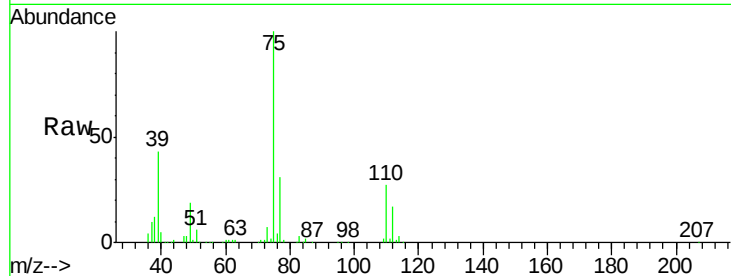
#53
 t-1,3-Dichloropropene
 Concen: 51.509 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 299731
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8

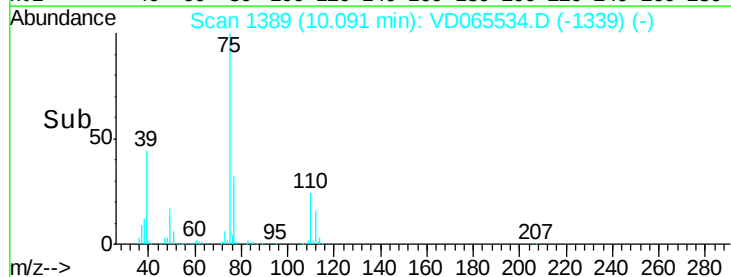
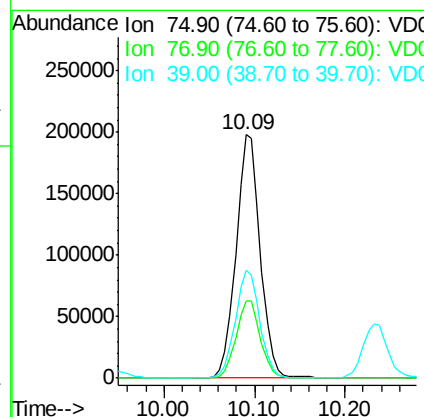
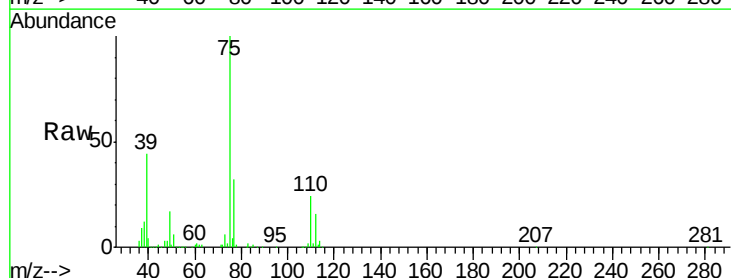
Manual Integrations
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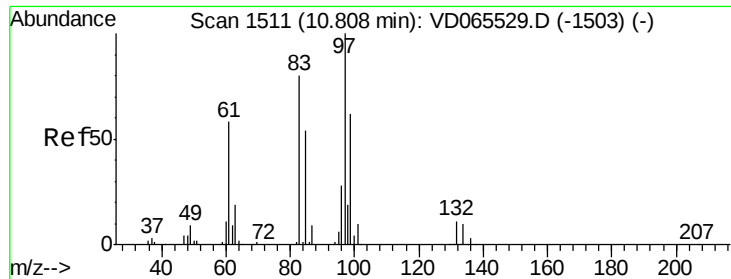
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#54
 cis-1,3-Dichloropropene
 Concen: 51.637 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion: 75 Resp: 367627
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 44.2 35.4 53.2





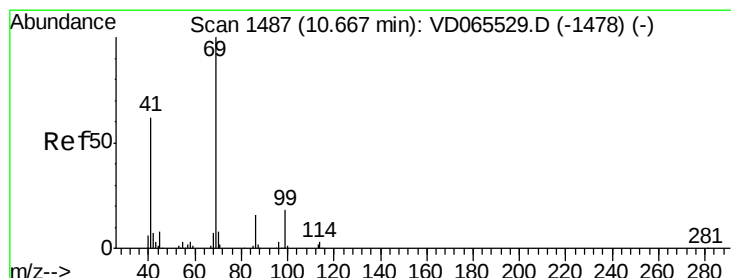
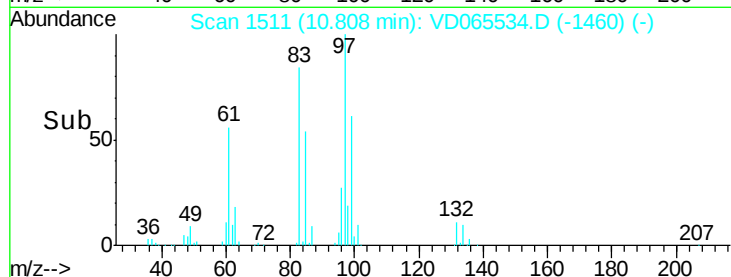
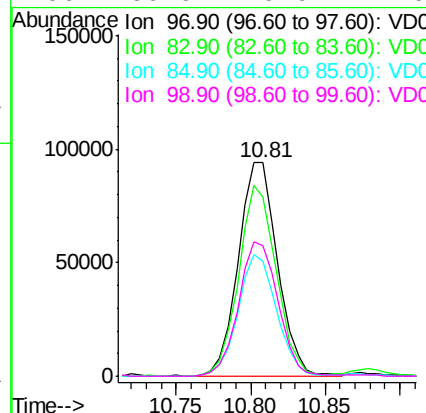
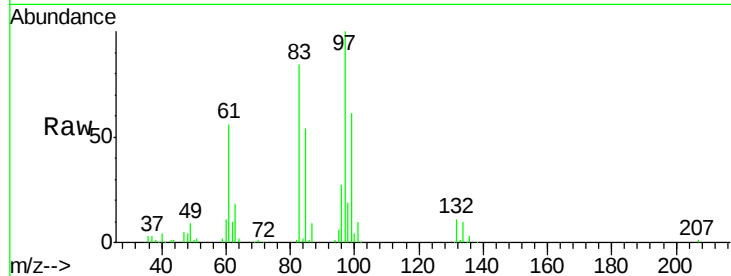
#55
 1,1,2-Trichloroethane
 Concen: 50.310 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	172365		
83	83.6	63.8	95.6	
85	53.8	42.9	64.3	
99	60.9	49.9	74.9	

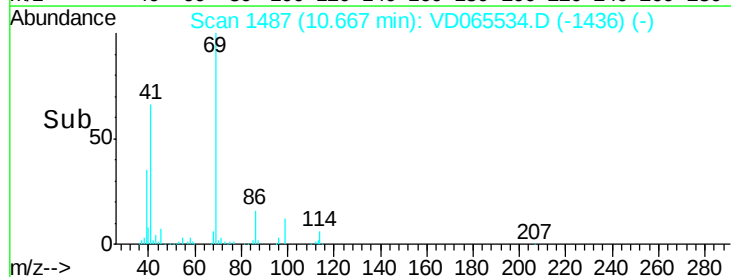
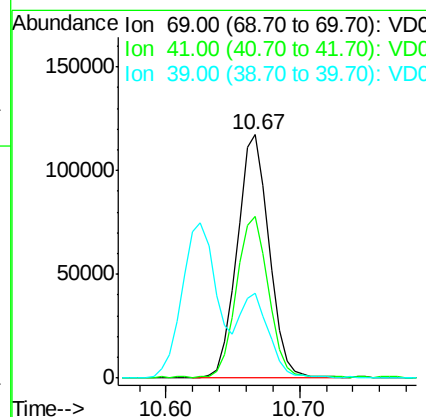
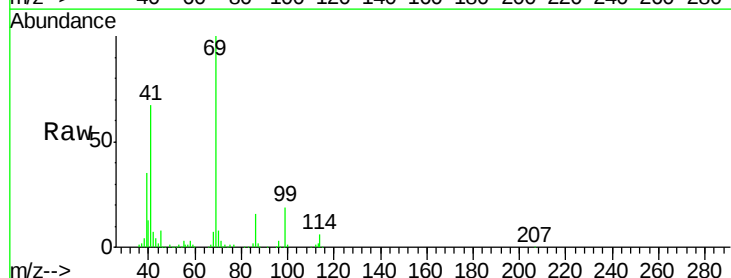
Manual Integrations
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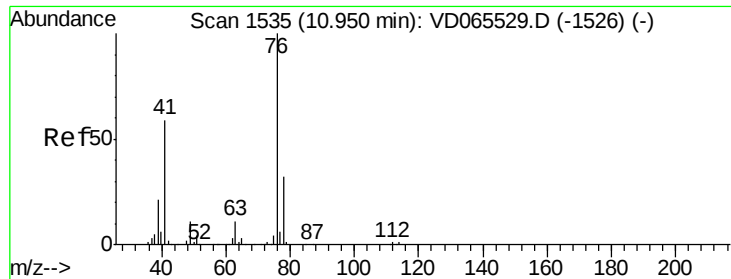
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#56
 Ethyl methacrylate
 Concen: 46.943 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	195502		
41	65.7	51.3	76.9	
39	31.0	25.3	37.9	





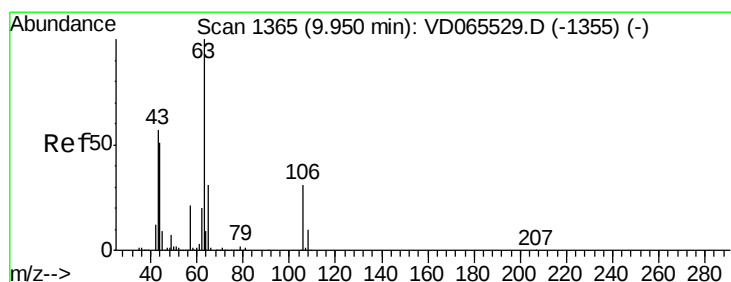
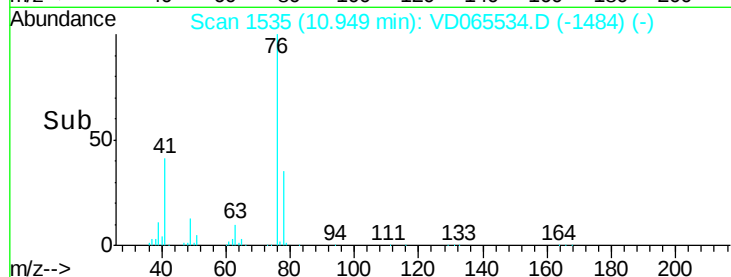
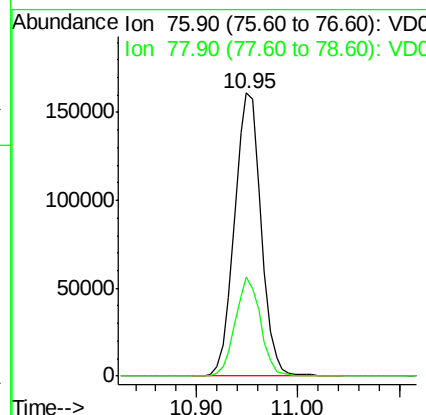
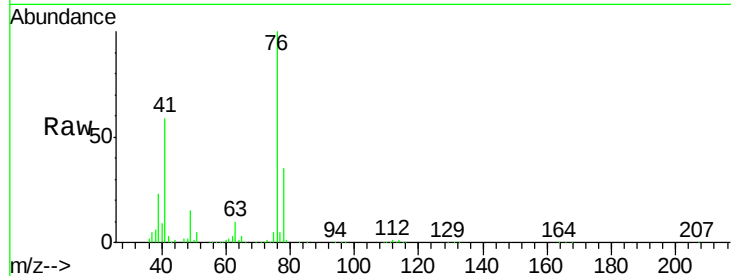
#57
 1,3-Dichloropropane
 Concen: 50.761 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 292650
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.7 38.5

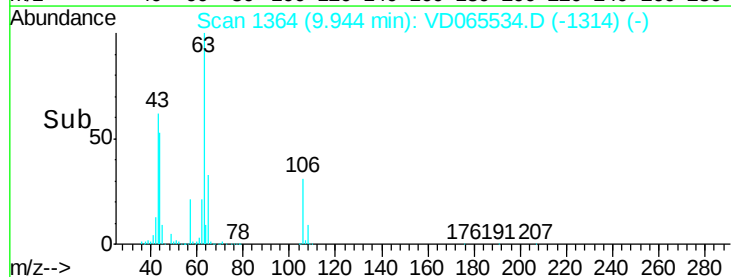
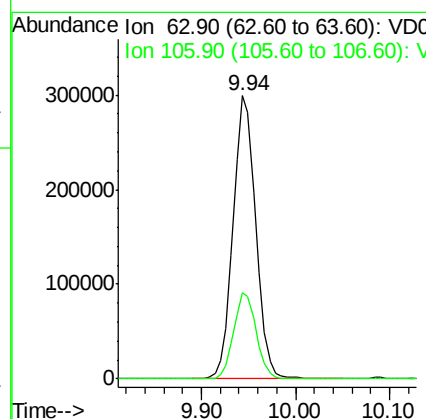
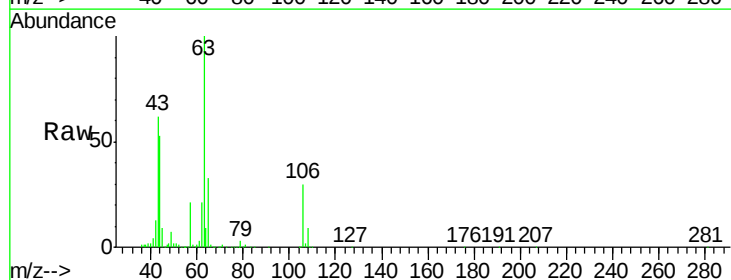
Manual Integrations
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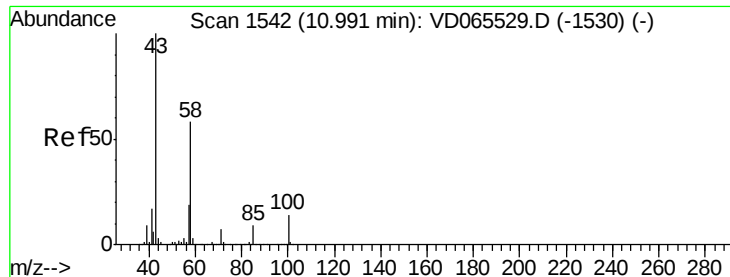
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.291 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion: 63 Resp: 502158
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.3 36.5





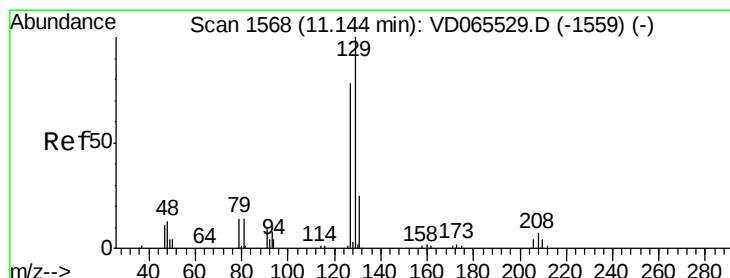
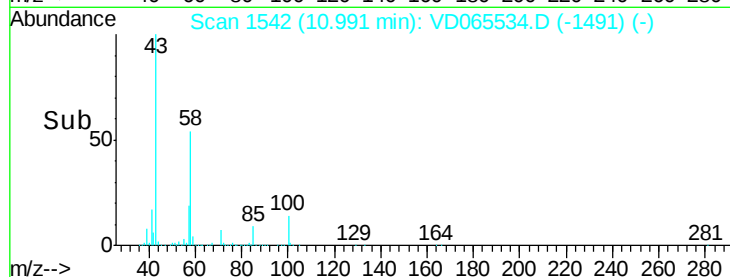
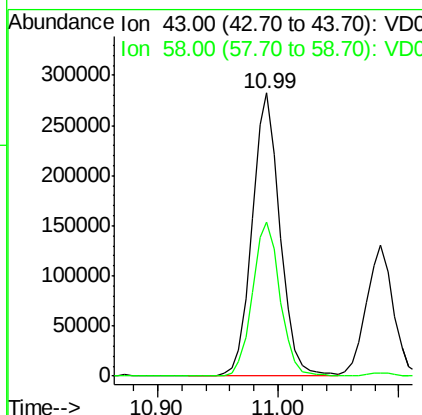
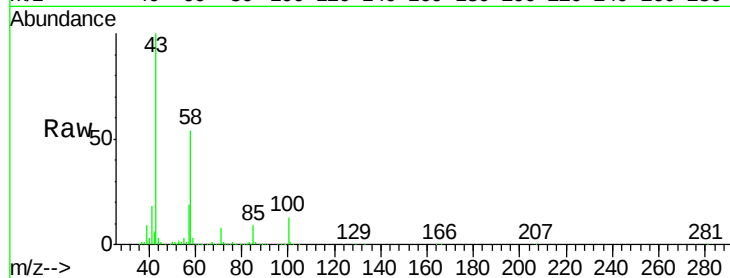
#59
2-Hexanone
Concen: 287.370 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 453826
Ion Ratio Lower Upper
43 100
58 54.2 27.9 83.7

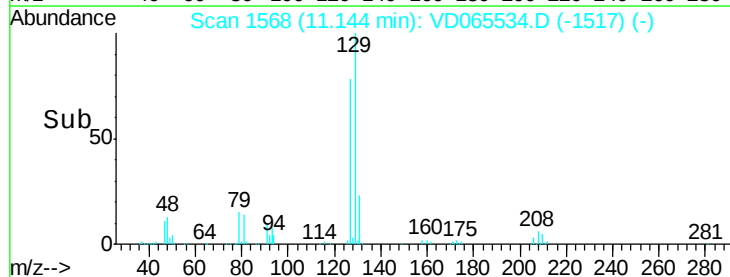
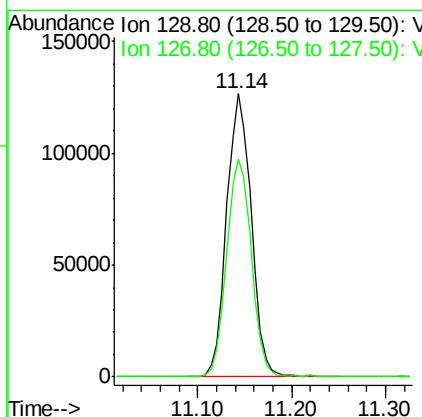
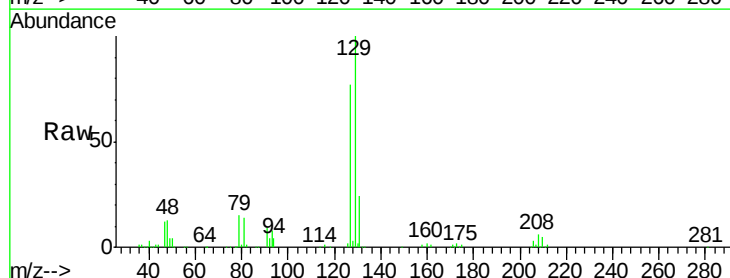
Manual Integrations
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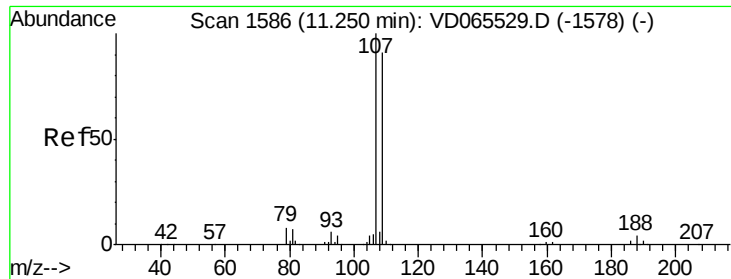
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#60
Dibromochloromethane
Concen: 50.790 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion: 129 Resp: 230598
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





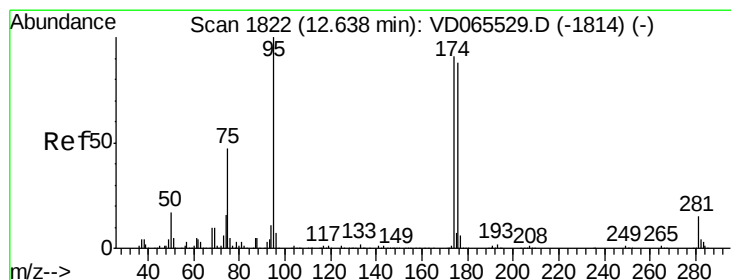
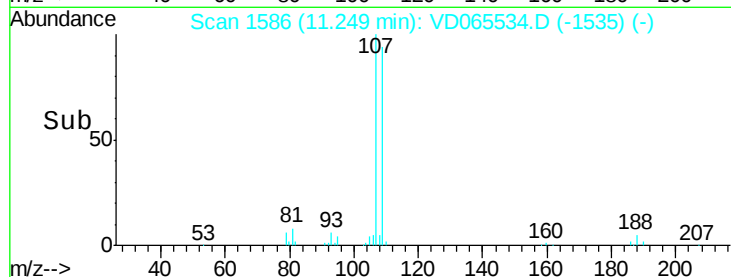
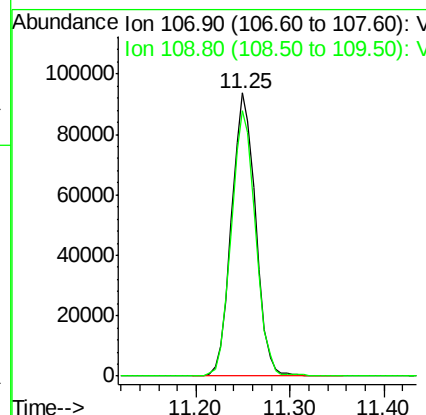
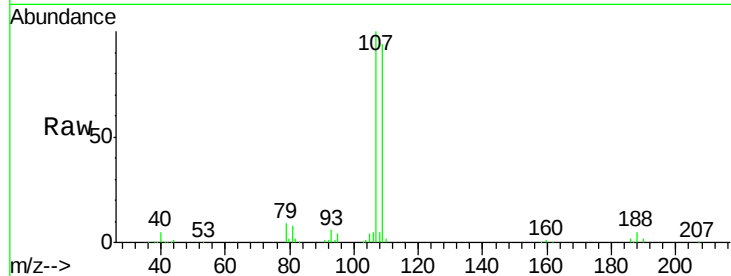
#61
 1,2-Dibromoethane
 Concen: 50.103 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	166135		
109	94.6	74.9	112.3	

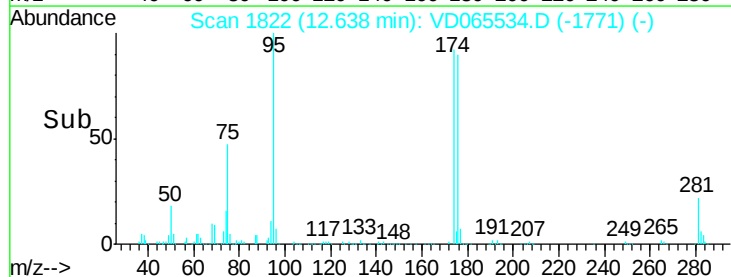
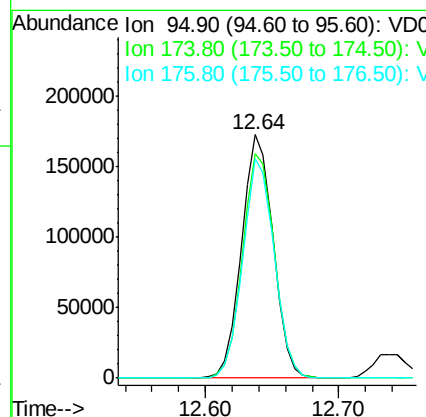
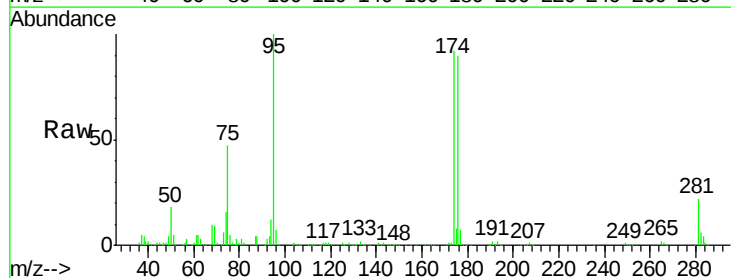
Manual Integrations
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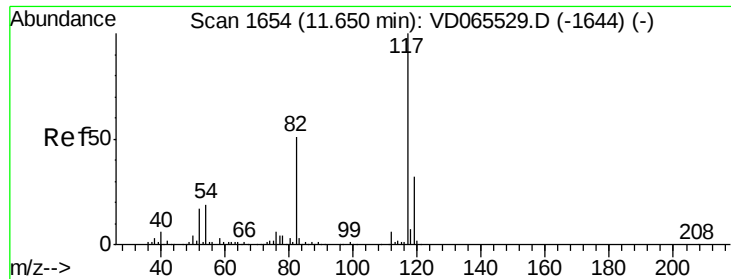
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#62
 4-Bromofluorobenzene
 Concen: 52.925 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	281310		
174	93.6	0.0	183.8	
176	90.1	0.0	178.2	





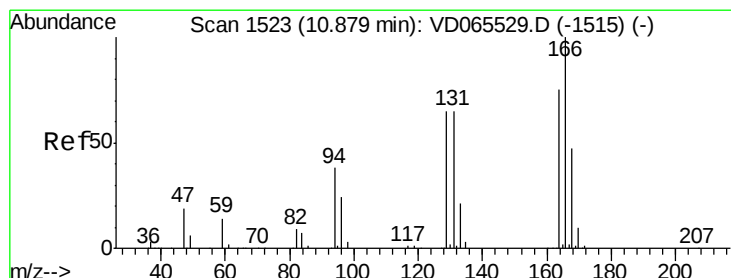
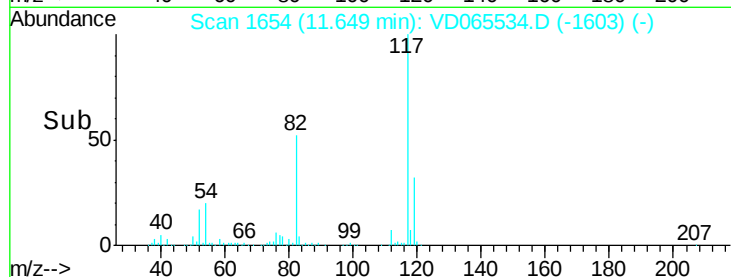
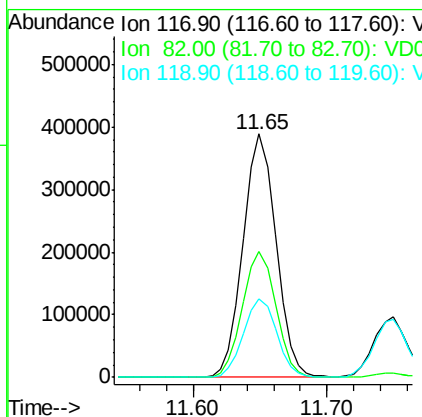
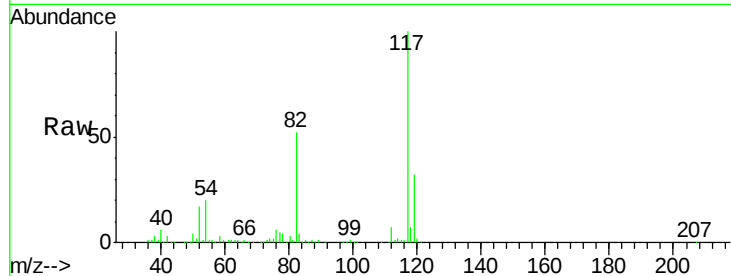
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.0	61.6
119	32.3	25.5	38.3

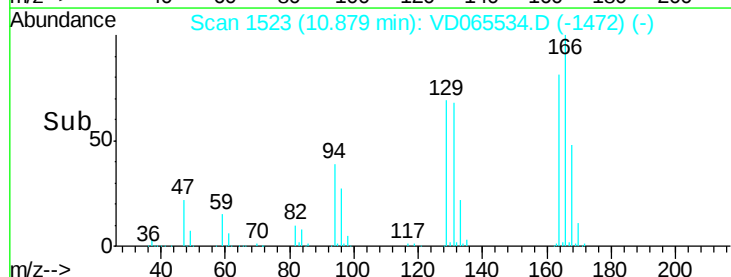
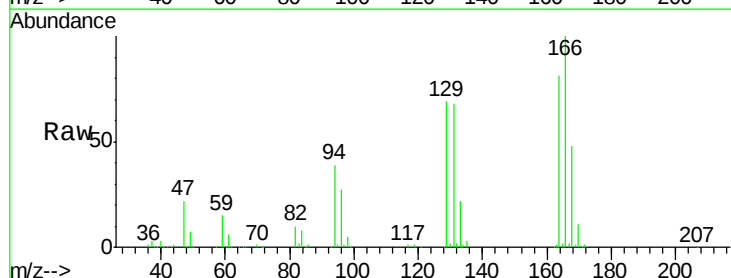
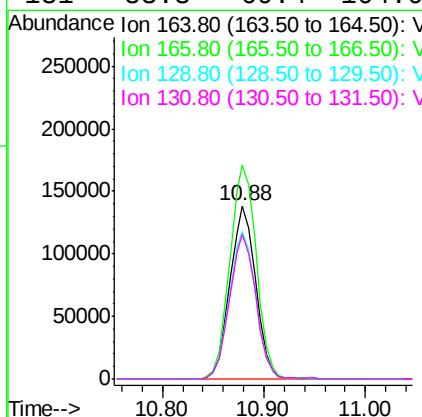
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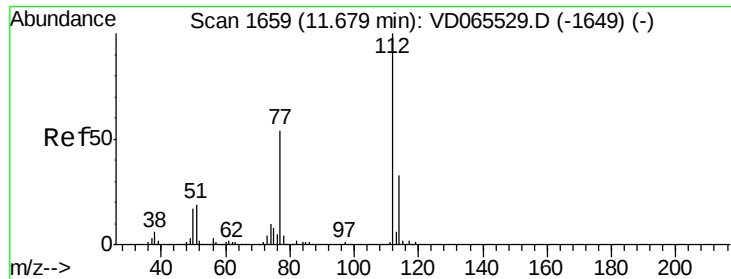
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#64
Tetrachloroethene
Concen: 51.114 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	107.1	160.7
129	85.1	69.2	103.8
131	83.3	69.4	104.0





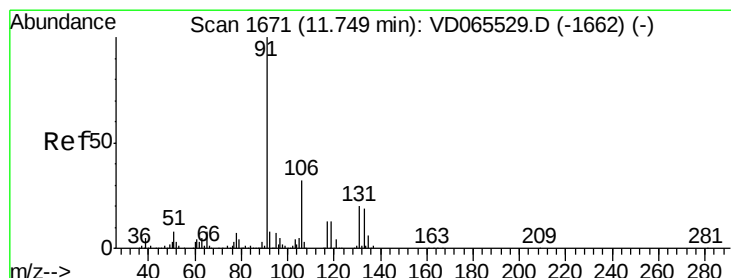
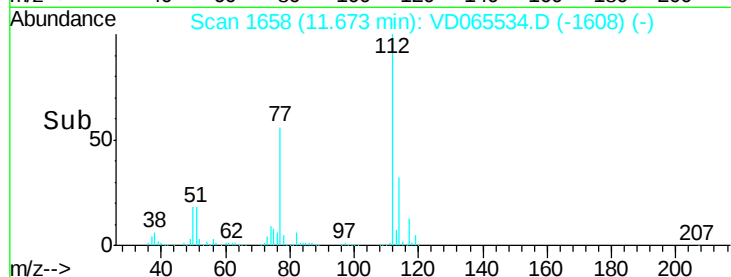
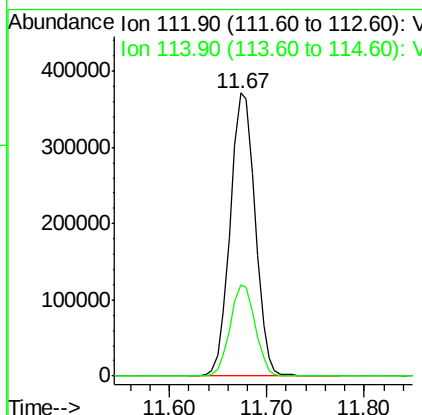
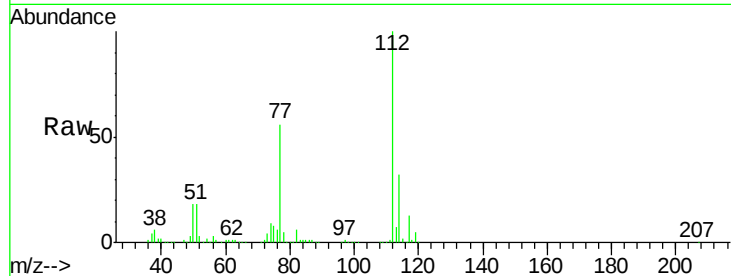
#65
Chlorobenzene
Concen: 50.826 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 662140
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

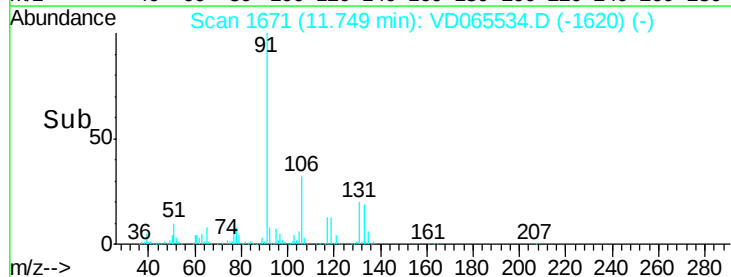
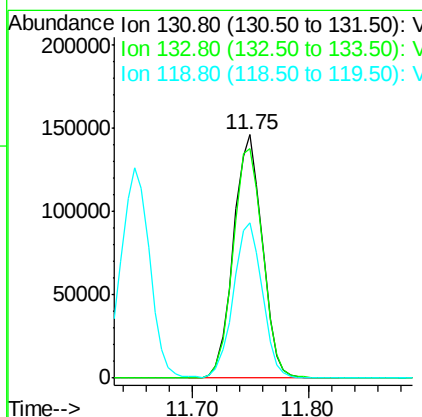
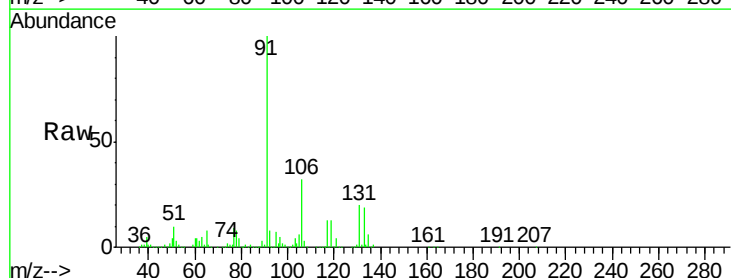
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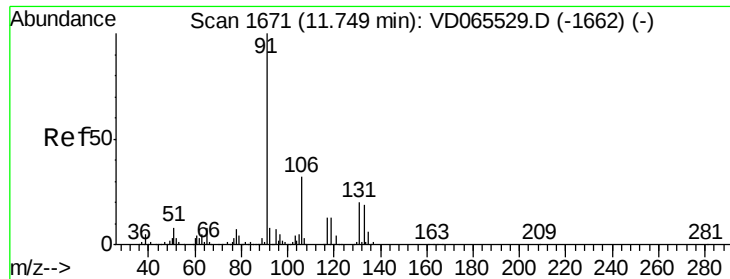
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.991 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion:131 Resp: 252583
Ion Ratio Lower Upper
131 100
133 97.5 48.9 146.7
119 64.3 32.5 97.4





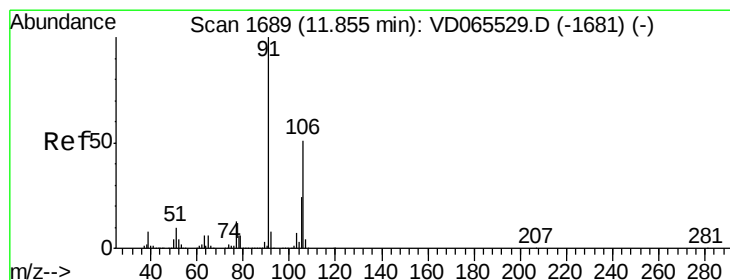
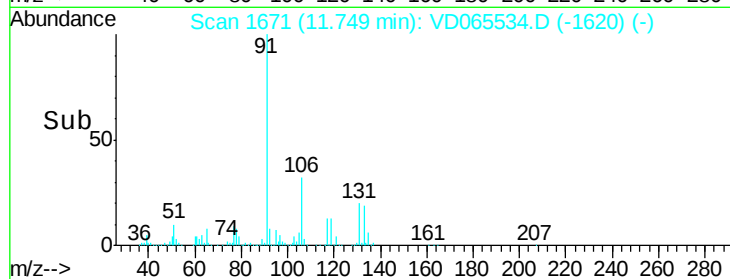
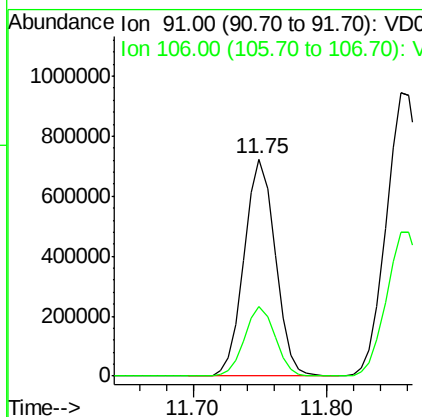
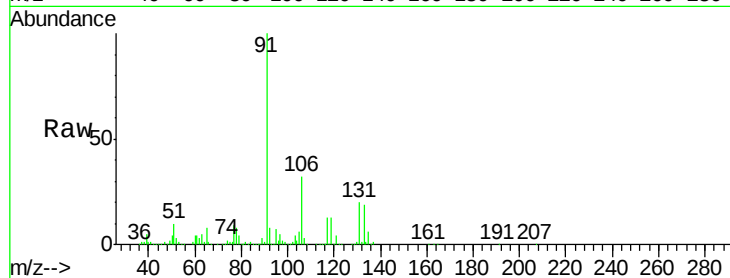
#67
Ethyl Benzene
Concen: 53.251 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1168478
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

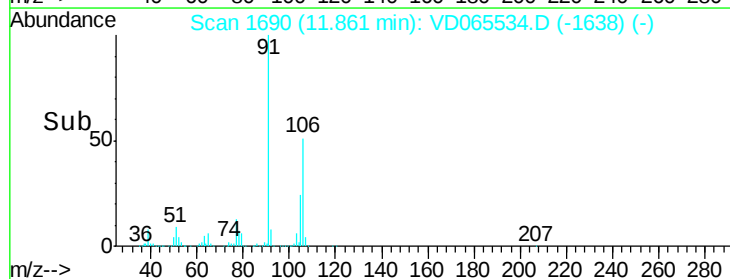
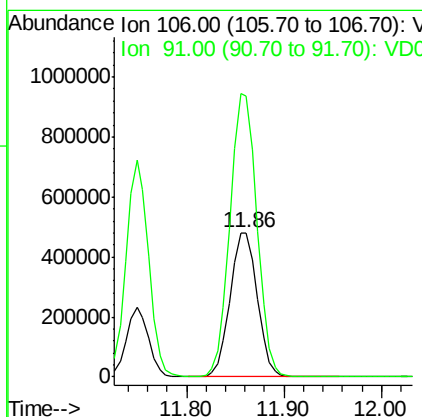
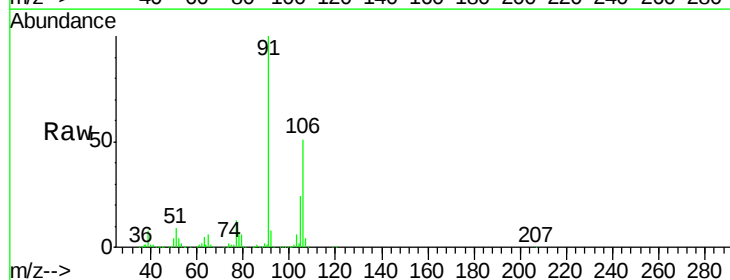
Manual Integrations
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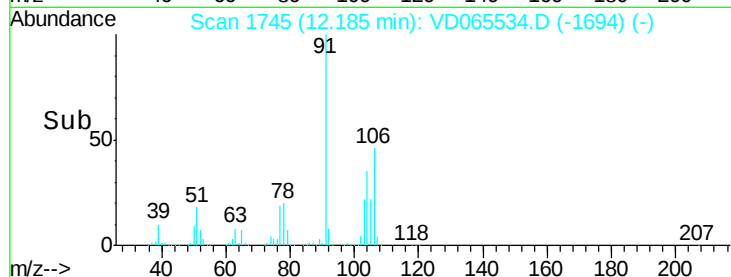
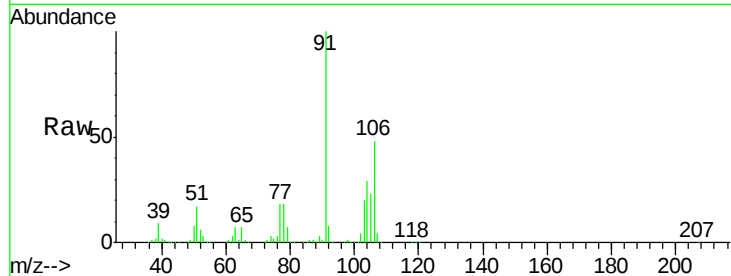
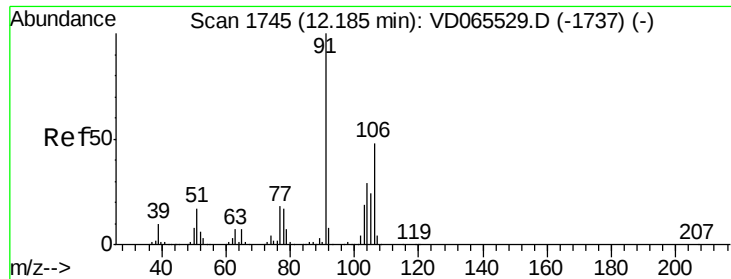
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#68
m/p-Xylenes
Concen: 107.471 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion: 106 Resp: 925931
Ion Ratio Lower Upper
106 100
91 195.9 155.4 233.0





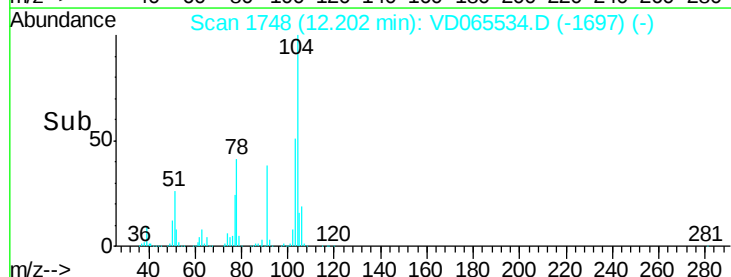
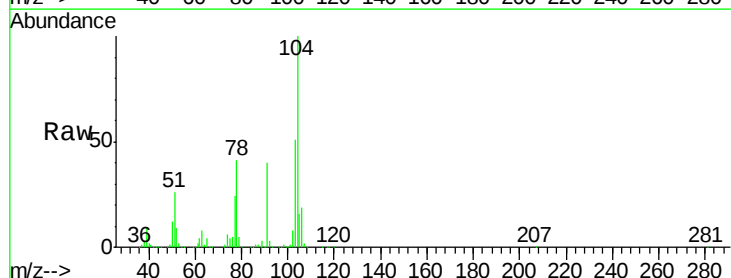
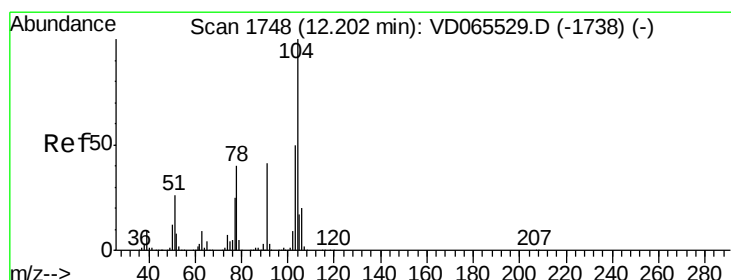
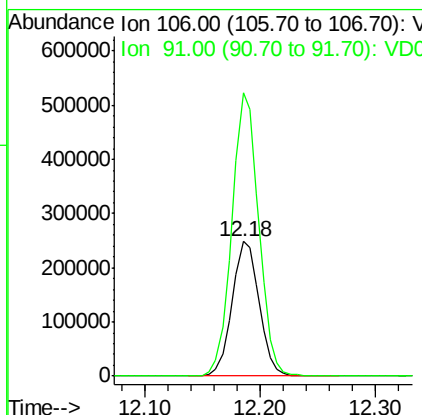
#69
o-Xylene
Concen: 53.366 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	102.8	308.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

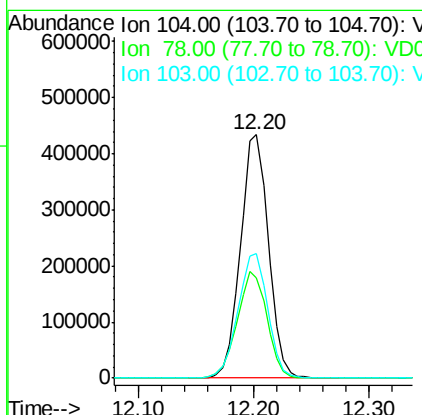
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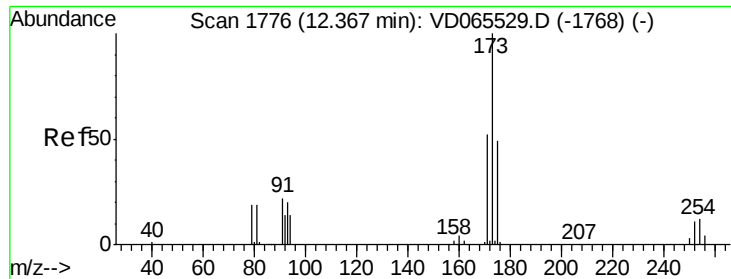
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#70
Styrene
Concen: 54.992 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	36.6	55.0
103	54.2	43.8	65.6





#71

Bromoform

Concen: 49.824 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

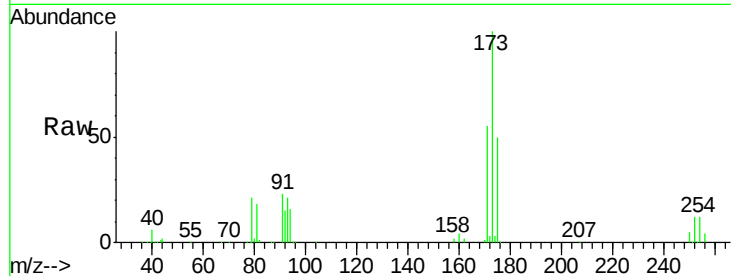
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VSTDCCC050

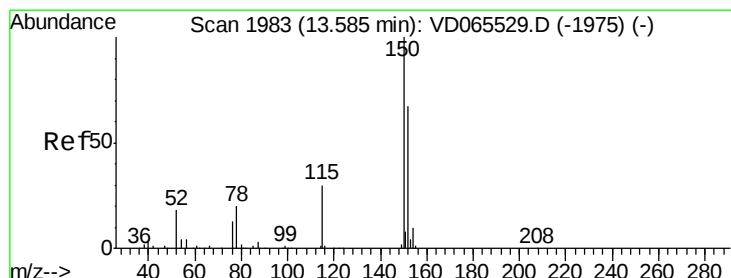
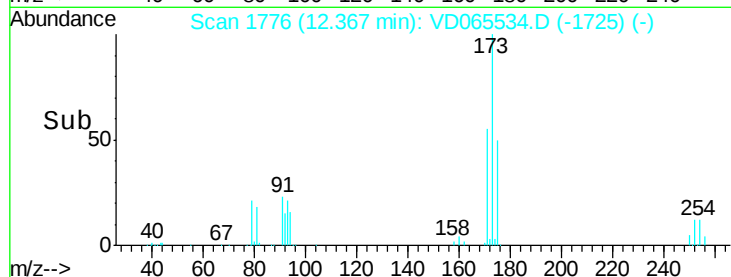
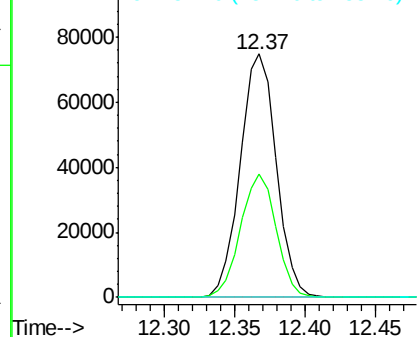
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.3	72.8
254	0.1	0.0	0.0

Manual Integrations
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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

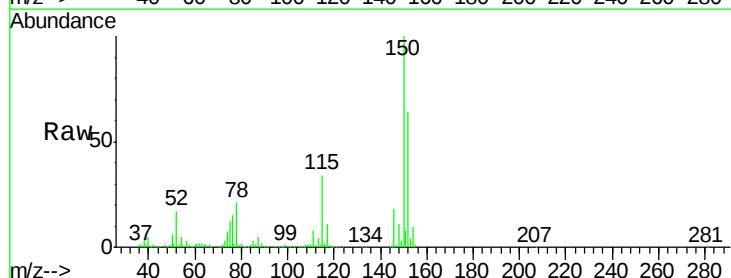
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

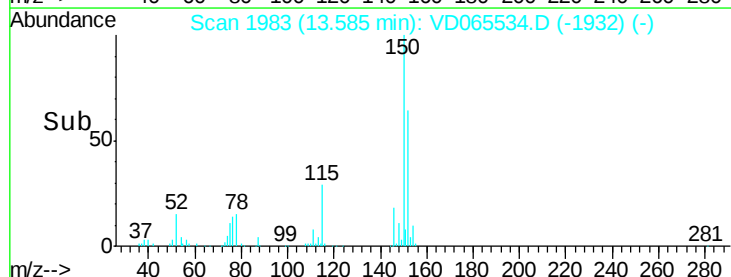
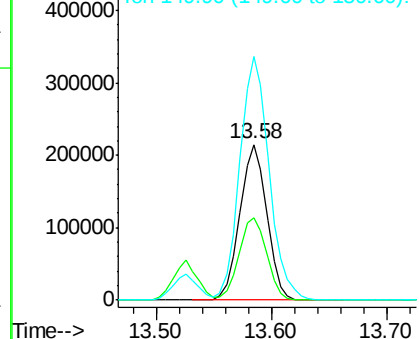
Lab File: VD065534.D

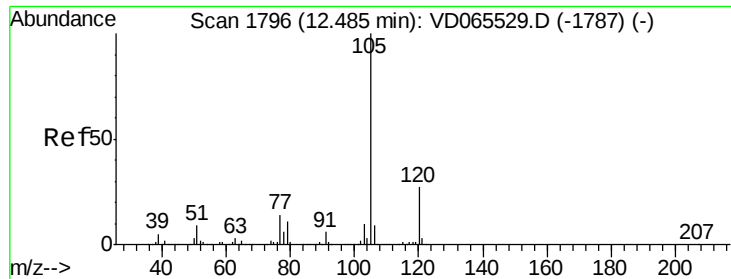
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.6
150	170.4	0.0	340.2



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





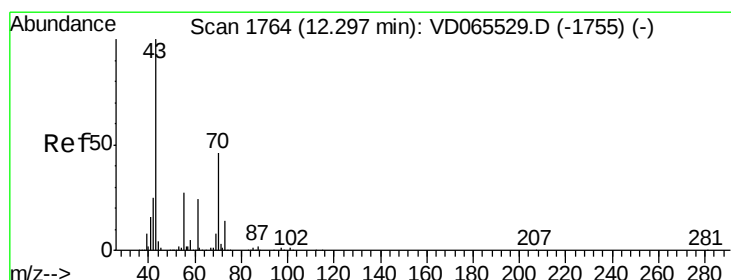
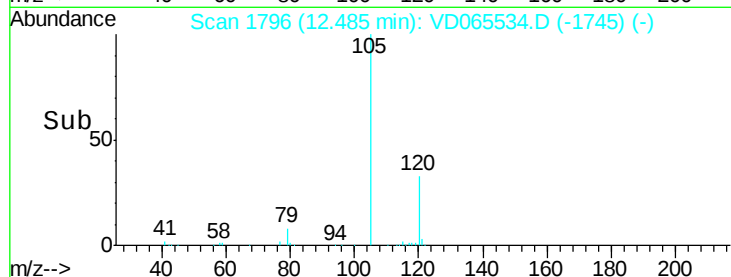
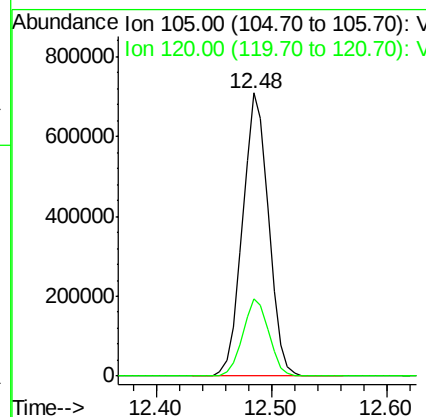
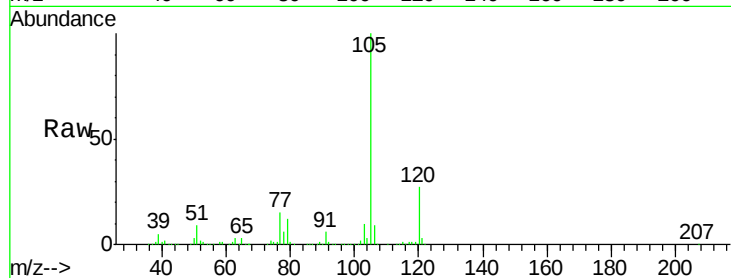
#73
Isopropylbenzene
Concen: 51.986 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1104503
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0

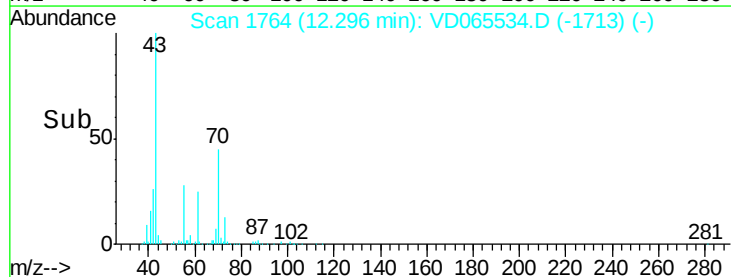
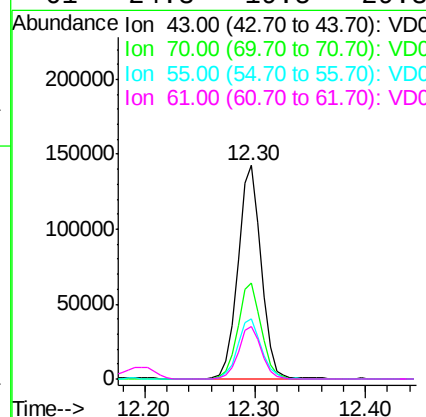
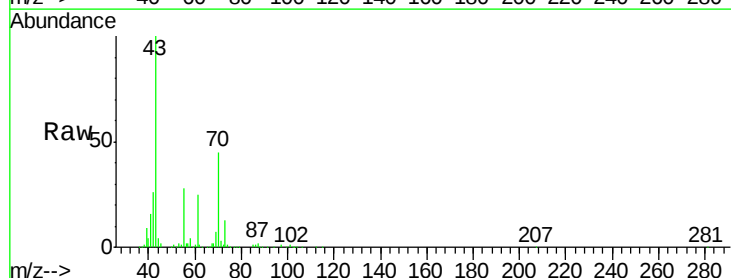
Manual Integrations
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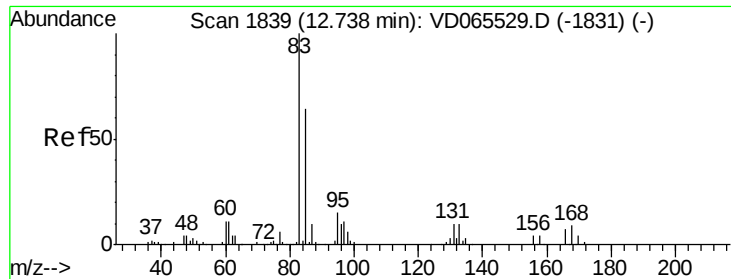
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#74
N-ethyl acetate
Concen: 50.346 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion: 43 Resp: 211100
Ion Ratio Lower Upper
43 100
70 45.0 36.2 54.2
55 29.2 22.2 33.4
61 24.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.772 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

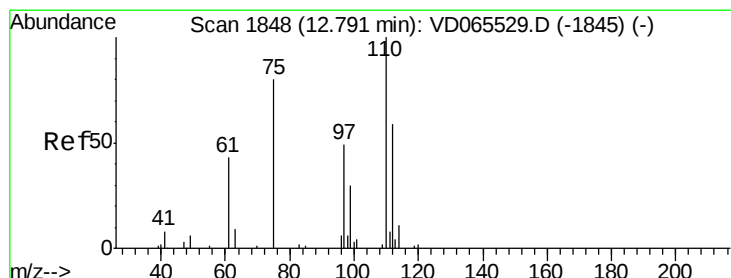
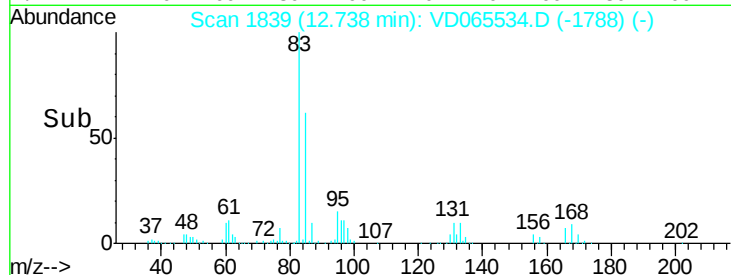
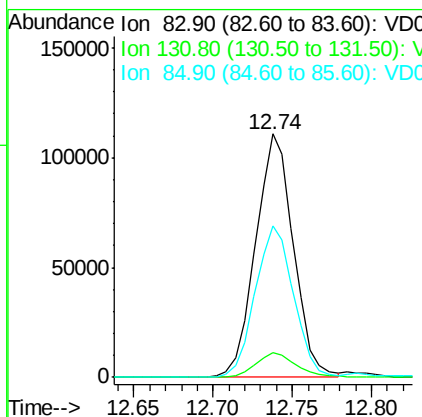
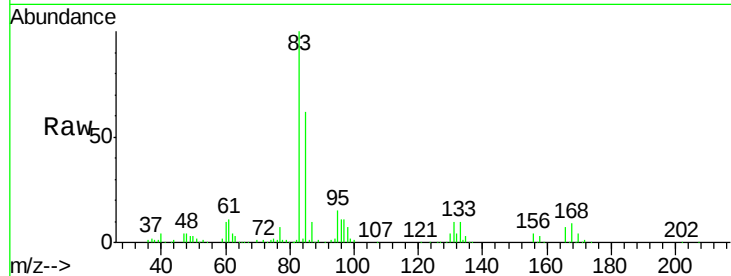
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183677
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	63.2	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 46.156 ug/l m

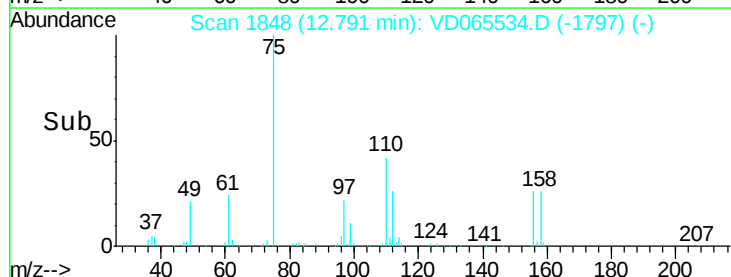
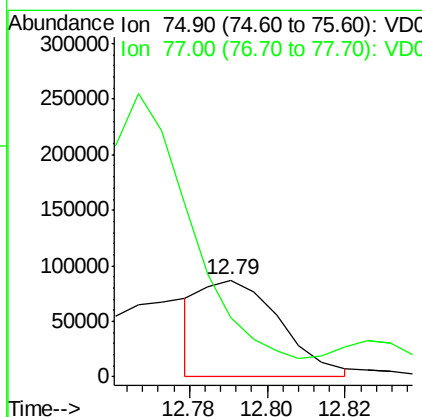
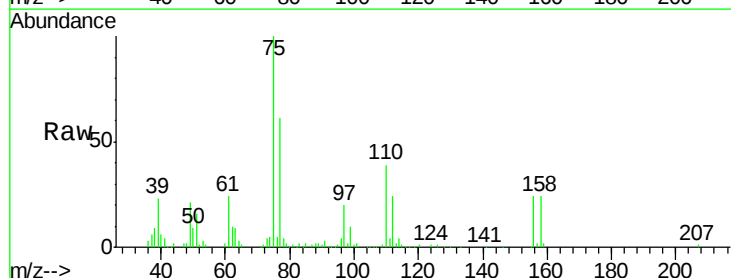
RT: 12.79 min Scan# 1848

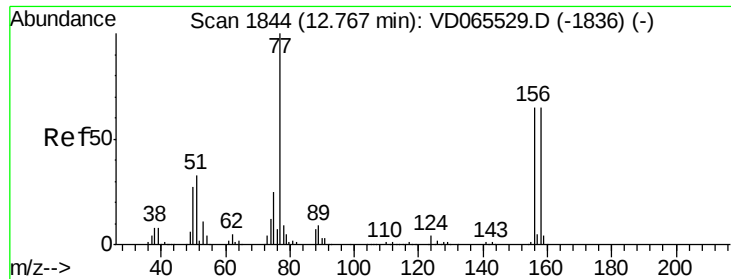
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion:	75	Resp:	122782
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.585 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

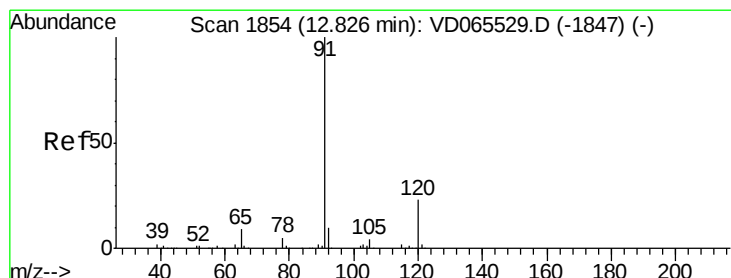
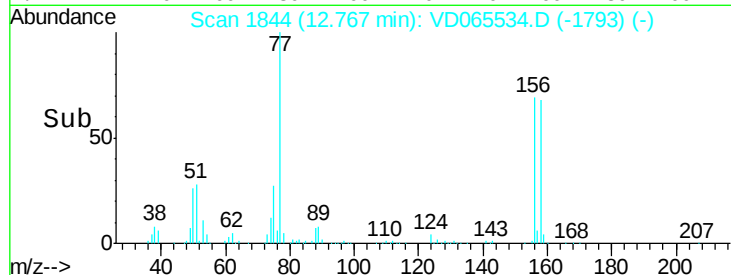
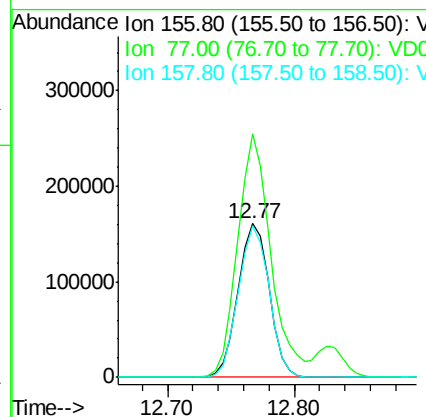
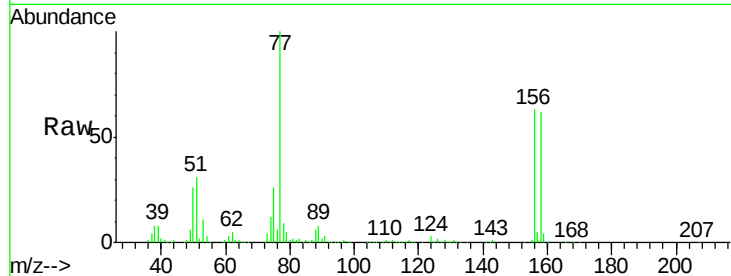
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.3	81.8	245.3
158	97.5	49.1	147.4

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#78

n-propylbenzene

Concen: 52.945 ug/l

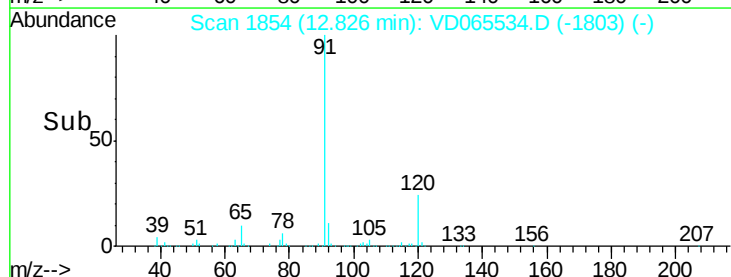
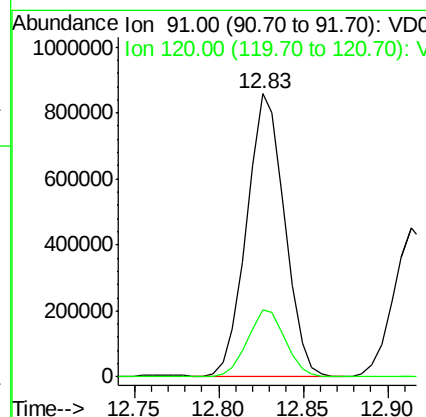
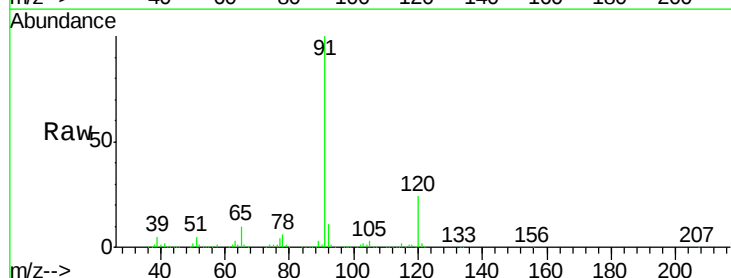
RT: 12.83 min Scan# 1854

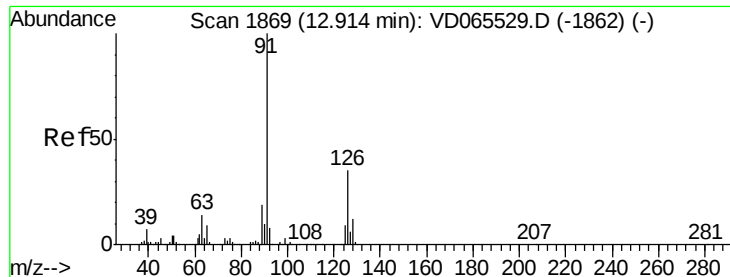
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 51.549 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 744779

Ion Ratio Lower Upper

91 100

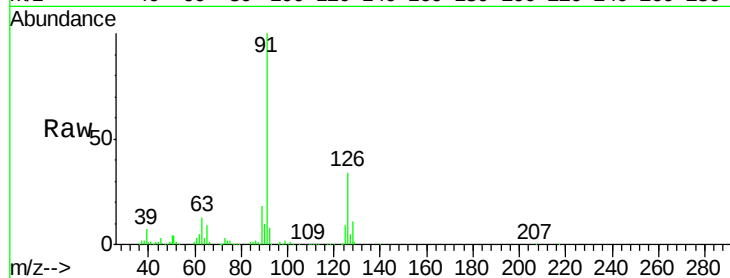
126 35.4 17.8 53.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD065529.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065529.D (-1862) (-)

800000

600000

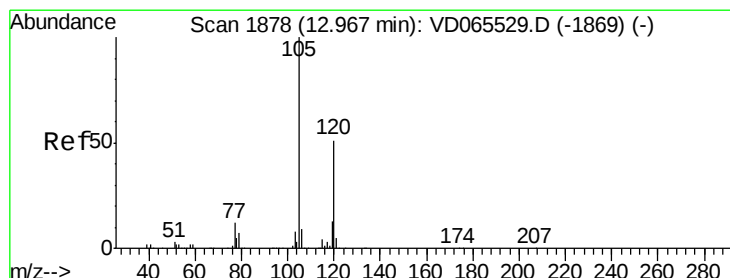
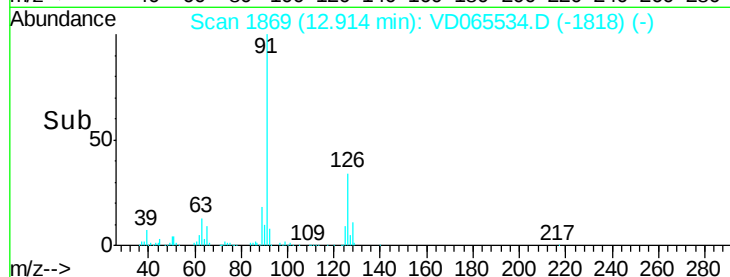
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.350 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065534.D

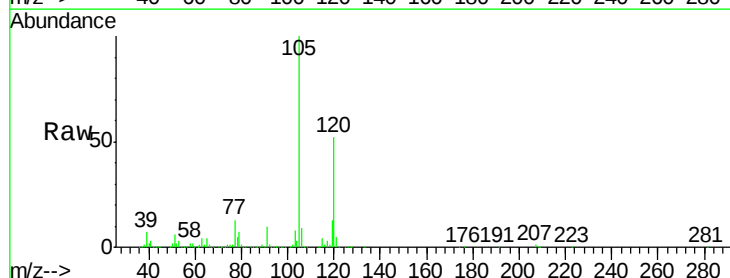
Acq: 27 Mar 2020 10:07

Tgt Ion: 105 Resp: 939503

Ion Ratio Lower Upper

105 100

120 51.6 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065529.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065529.D (-1869) (-)

600000

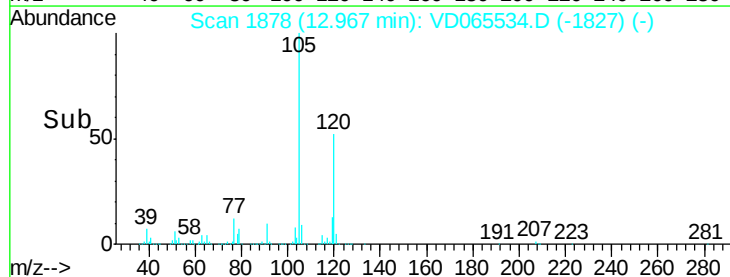
400000

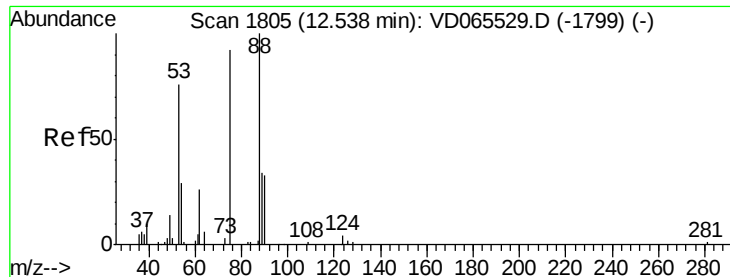
200000

0

12.90 12.95 13.00

Time-->





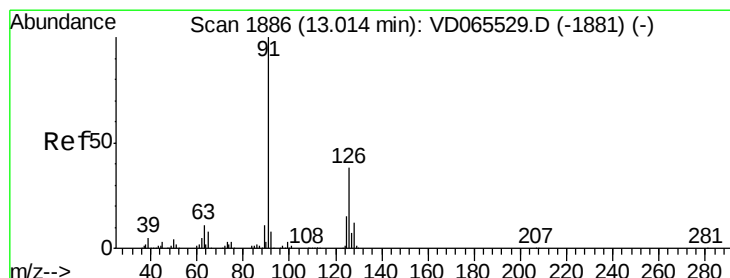
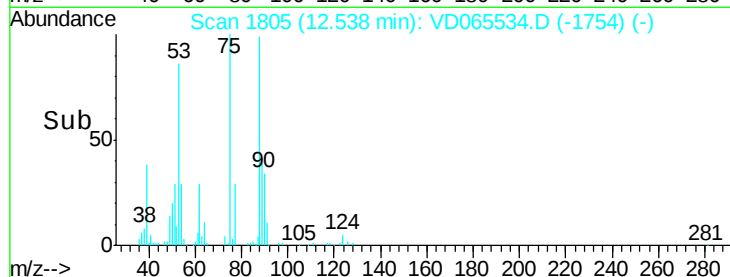
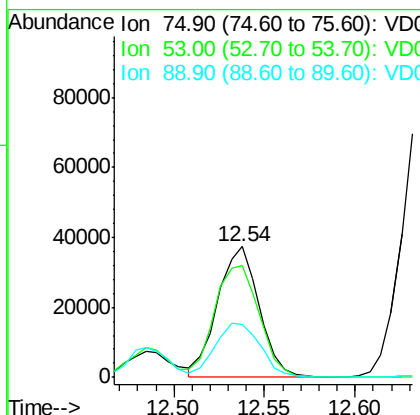
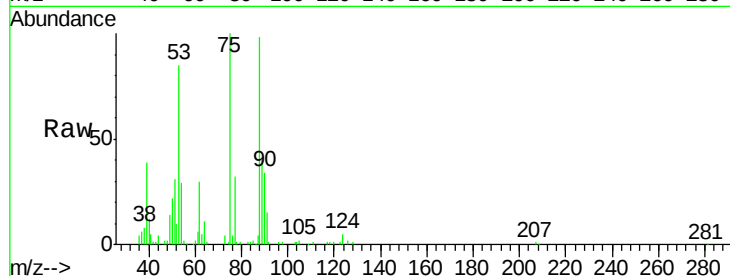
#81
trans-1,4-Dichloro-2-butene
Concen: 49.410 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.7	72.4	108.6
89	45.5	36.9	55.3

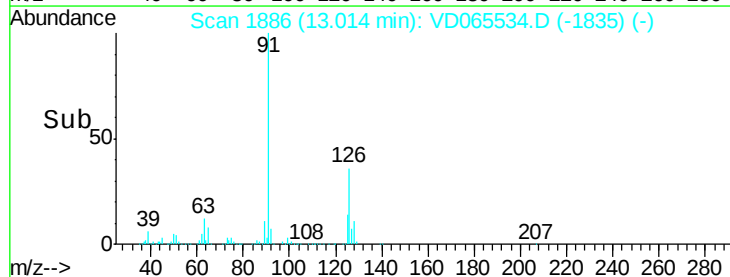
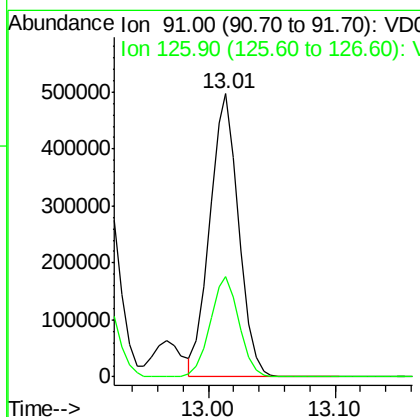
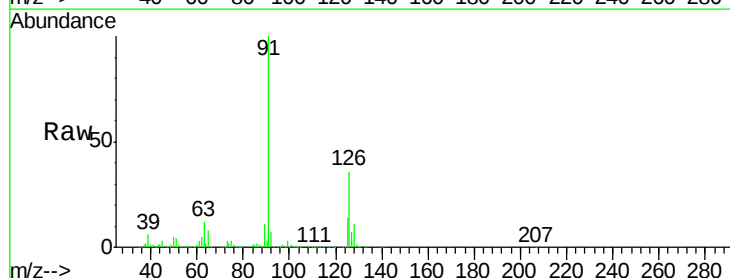
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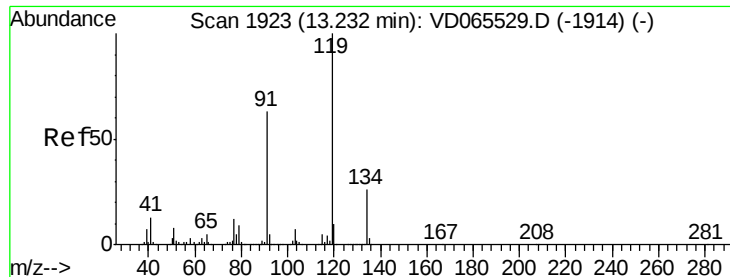
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#82
4-Chlorotoluene
Concen: 51.131 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





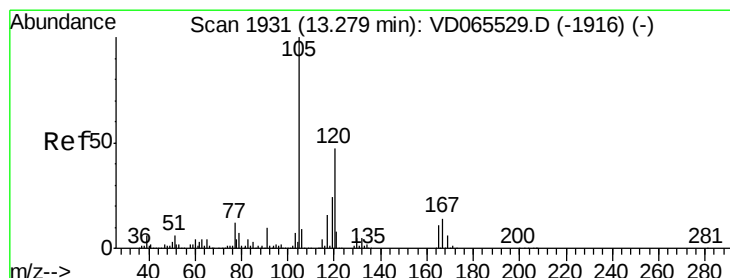
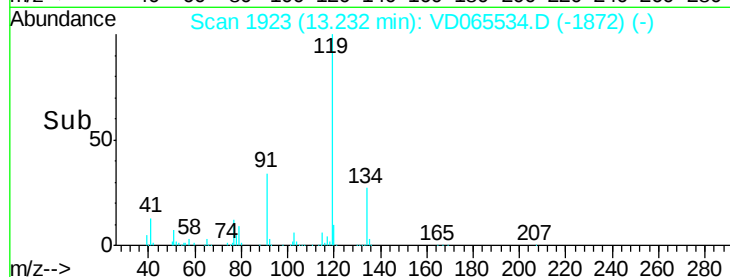
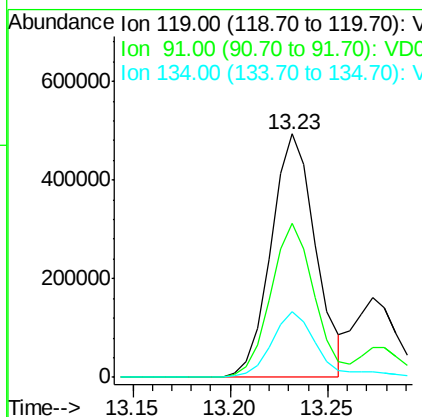
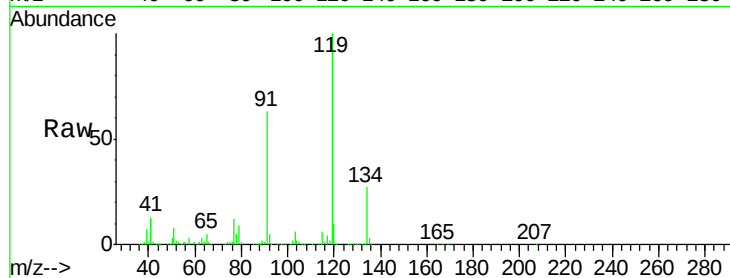
#83
tert-Butylbenzene
Concen: 52.836 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.4	94.0
134	28.2	13.9	41.6

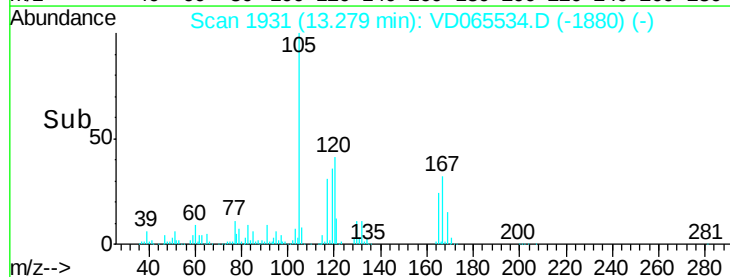
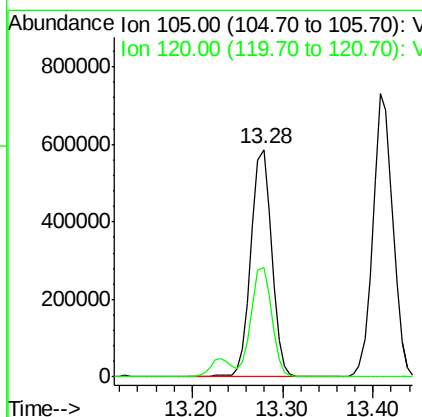
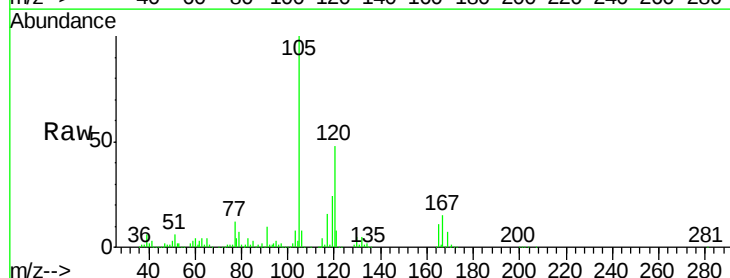
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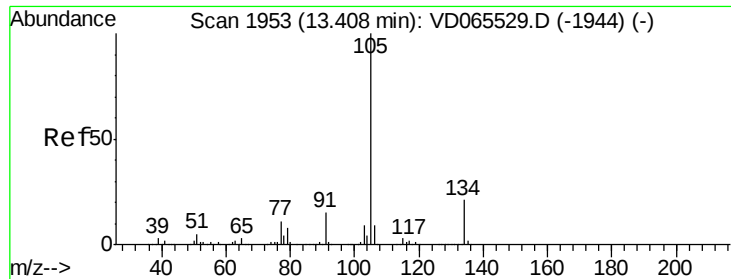
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#84
1,2,4-Trimethylbenzene
Concen: 52.869 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.5	70.5





#85

sec-Butylbenzene

Concen: 53.018 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1119005

Ion Ratio Lower Upper

105 100

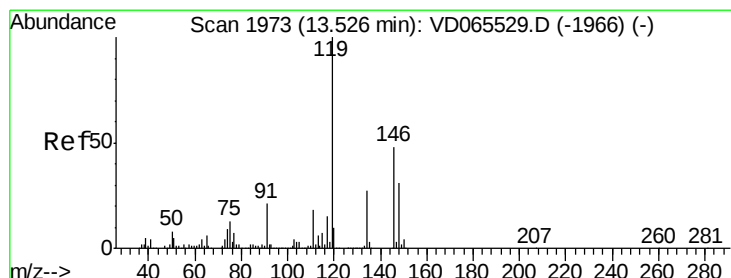
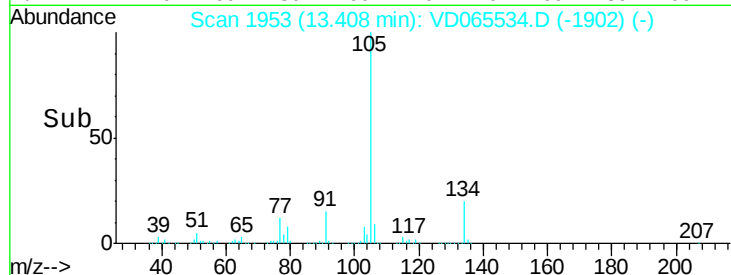
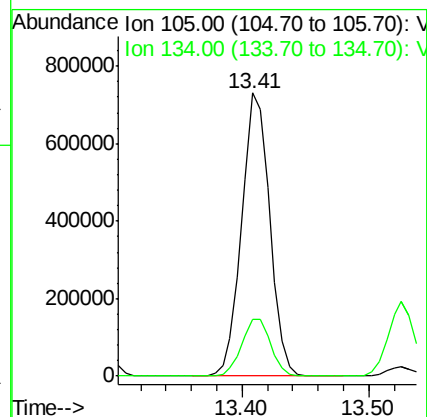
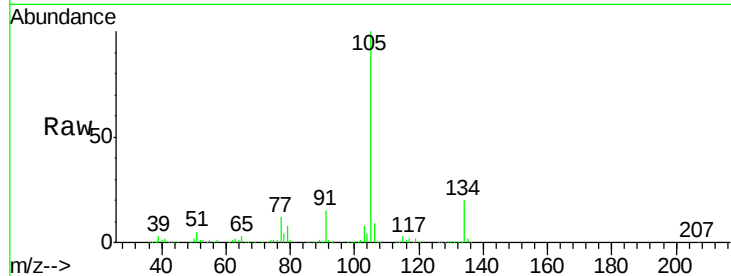
134 20.9 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 53.405 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

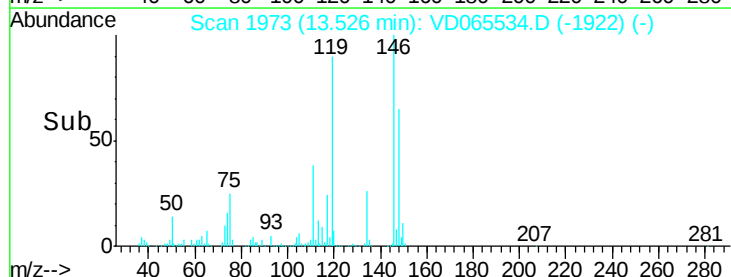
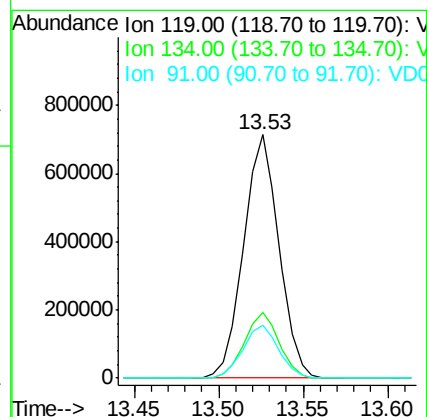
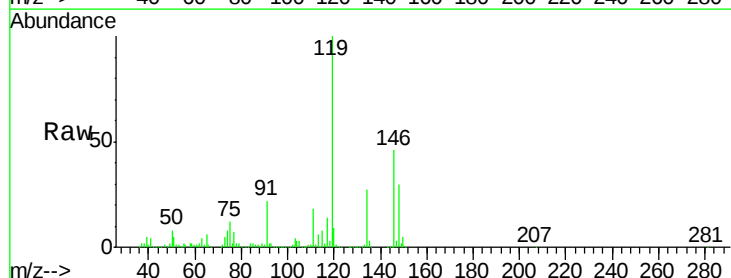
Tgt Ion:119 Resp: 1038709

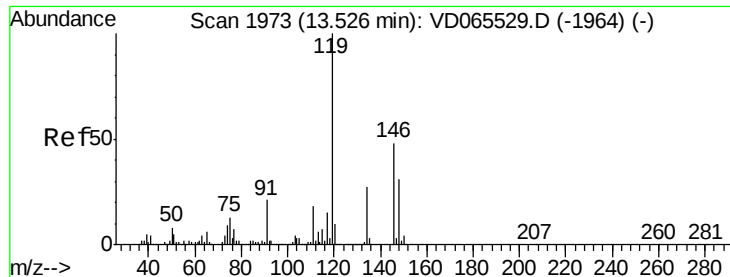
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 21.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 50.257 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

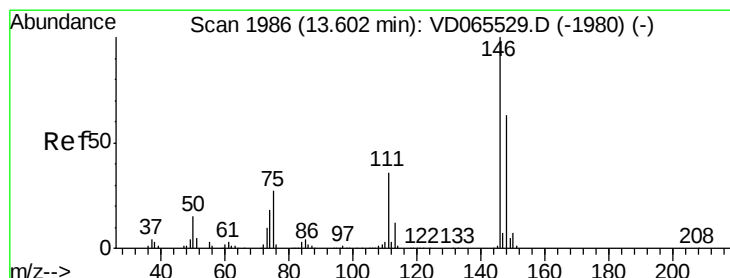
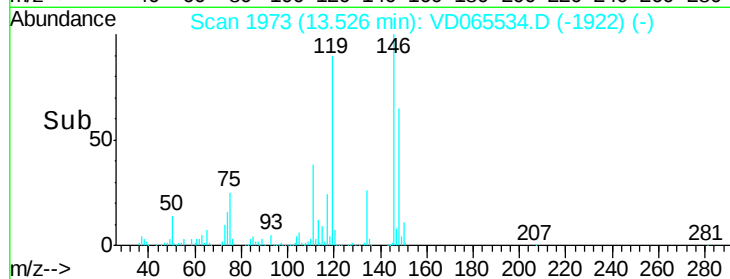
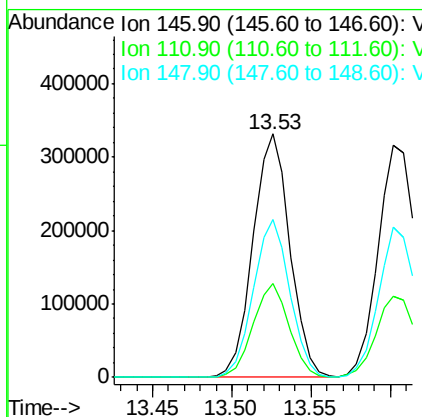
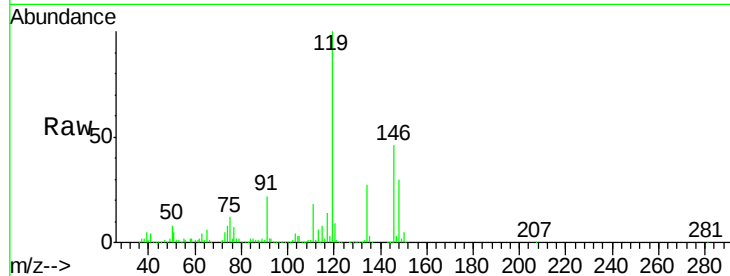
Instrument :
MSVOA_D

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.5	55.5
148	64.1	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.261 ug/l

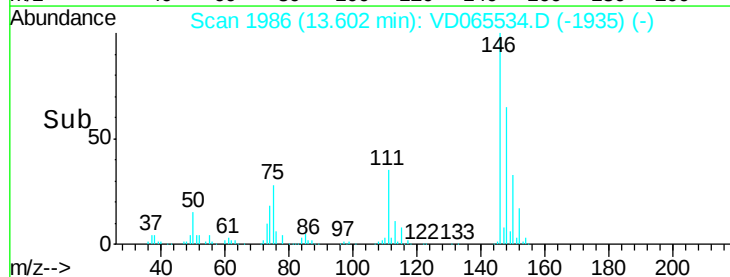
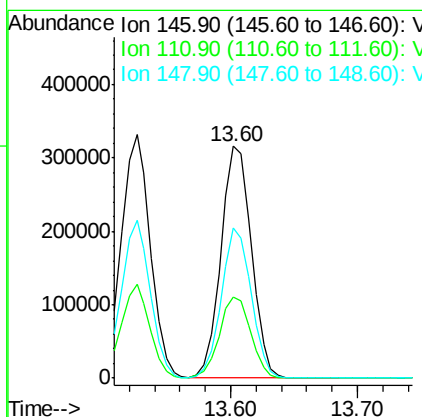
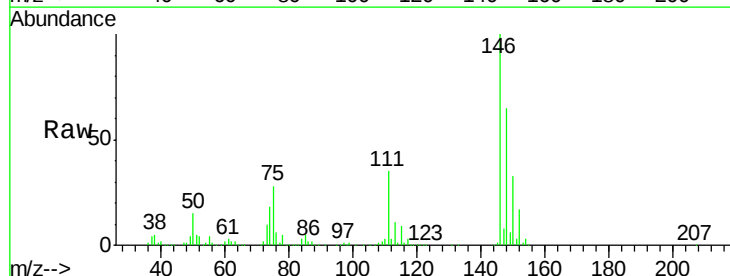
RT: 13.60 min Scan# 1986

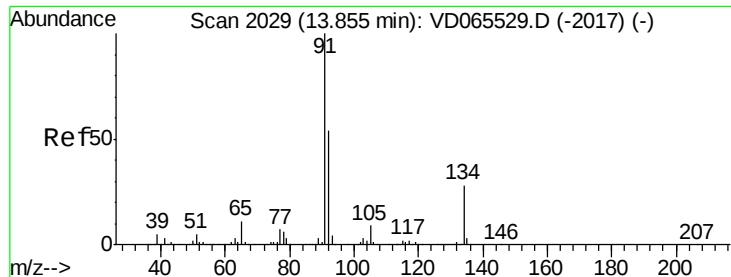
Delta R.T. -0.00 min

Lab File: VD065534.D

Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.4	31.6	94.8





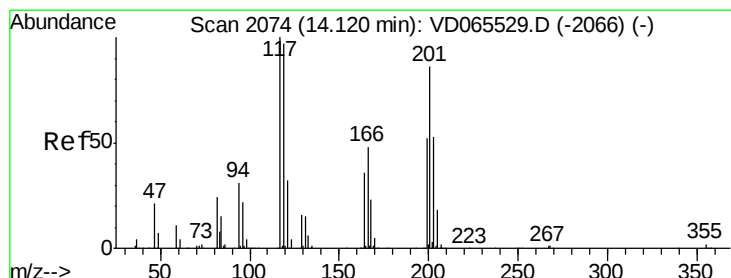
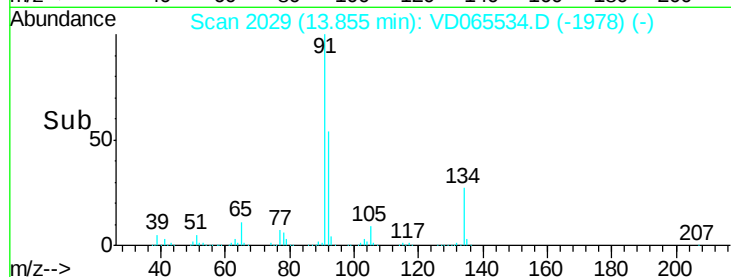
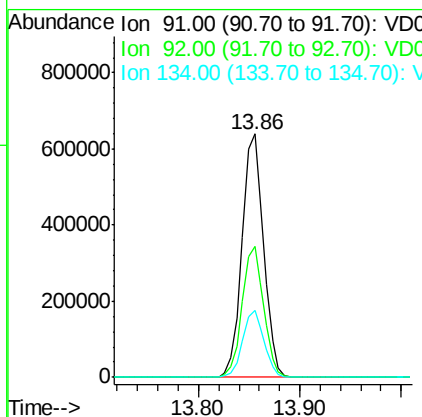
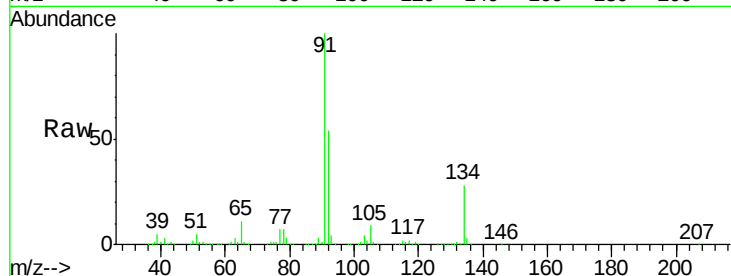
#89
n-Butylbenzene
Concen: 53.490 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	26.8	80.4	
134	27.3	13.7	41.0	

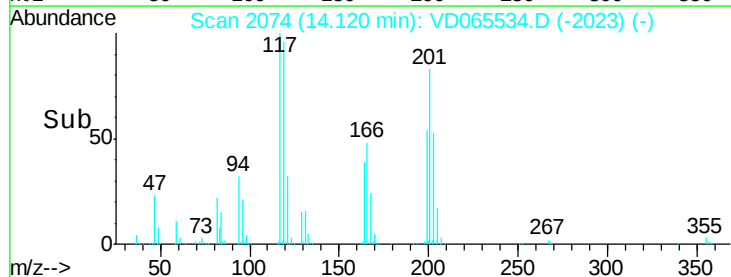
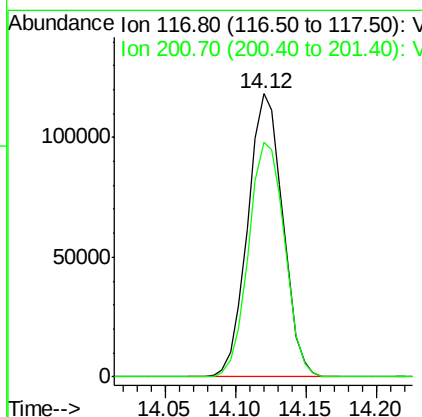
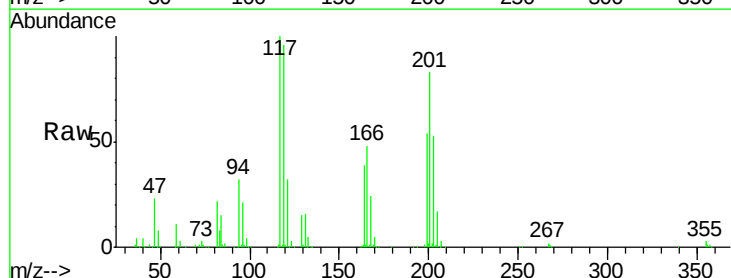
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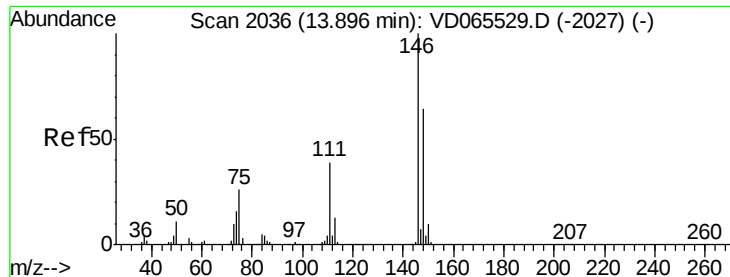
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#90
Hexachloroethane
Concen: 50.652 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.0	43.9	131.6	





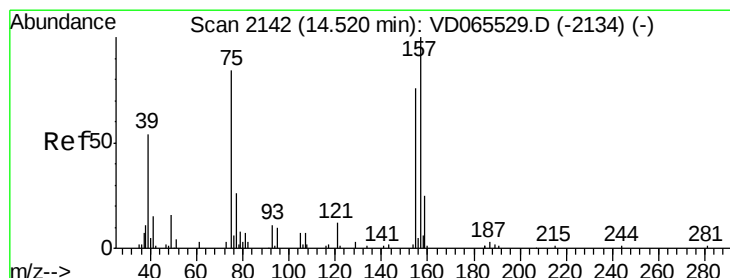
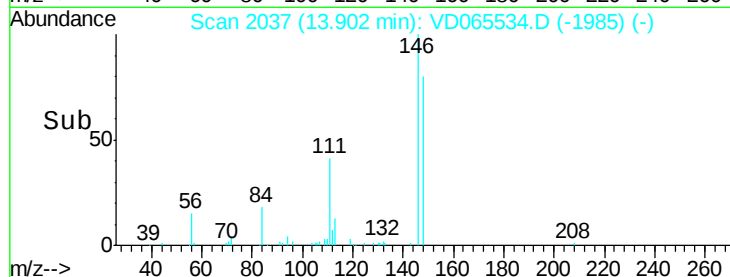
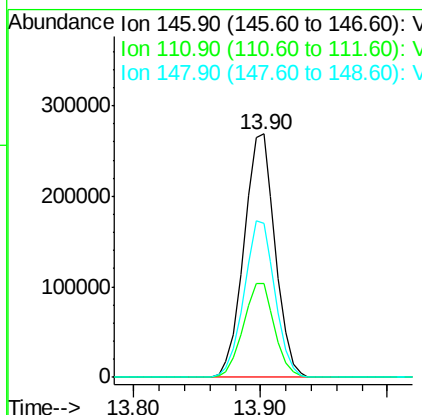
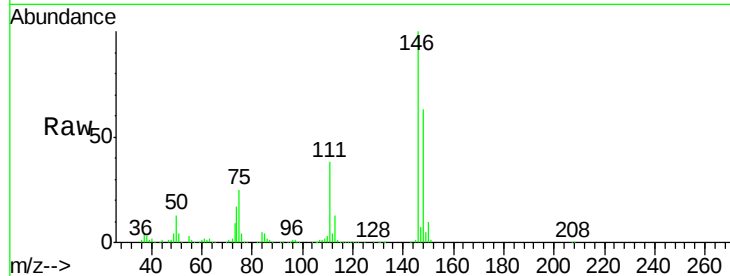
#91
 1,2-Dichlorobenzene
 Concen: 50.540 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	458551		
111	38.7	19.4	58.4	
148	63.7	32.1	96.5	

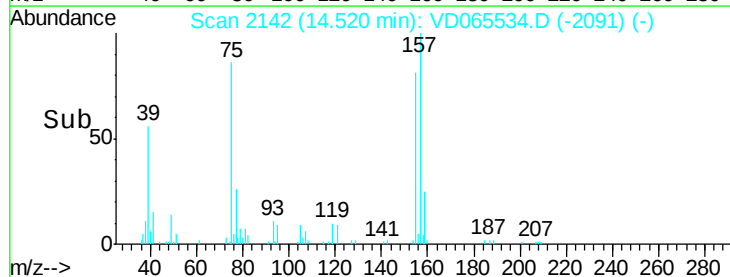
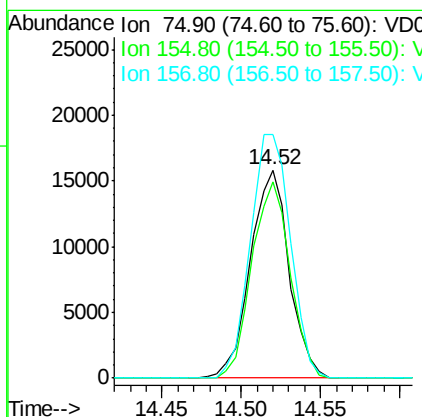
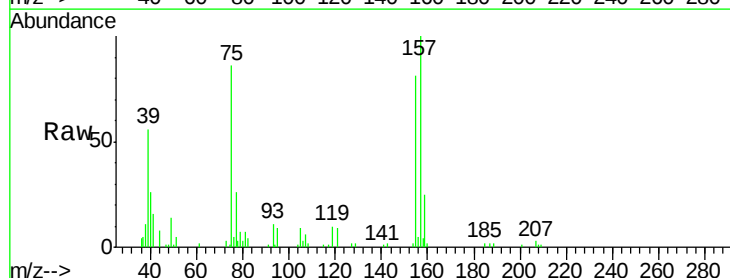
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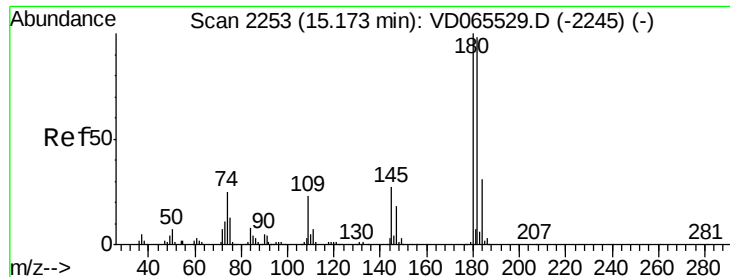
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.442 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26932		
155	93.0	46.2	138.6	
157	121.3	57.9	173.7	





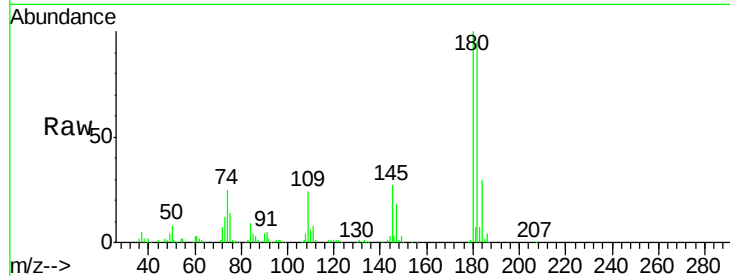
#93
 1,2,4-Trichlorobenzene
 Concen: 49.526 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

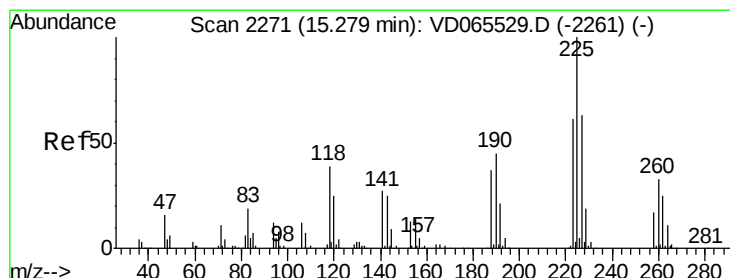
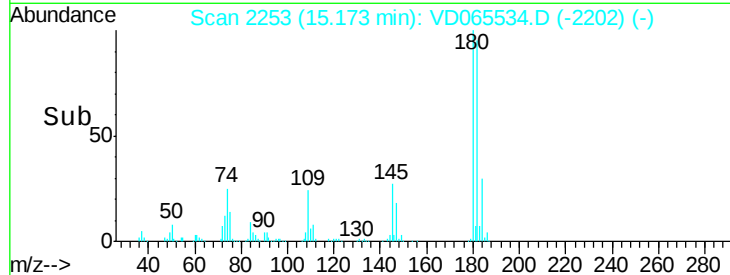
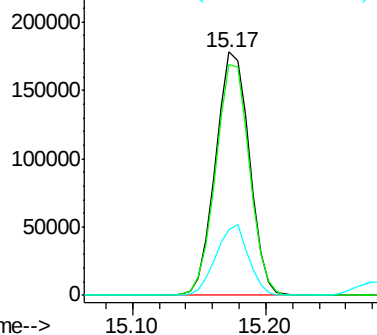
Tot Ion:	180	Resp:	310755
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.1	144.3
145	27.9	13.9	41.6

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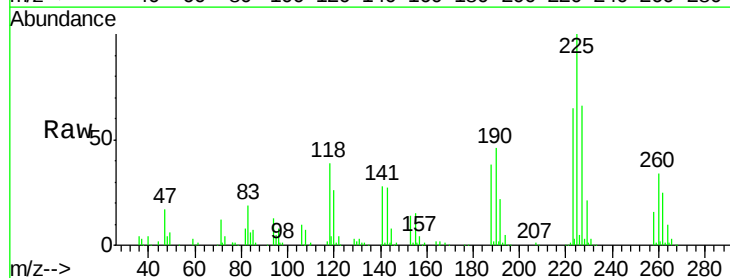


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

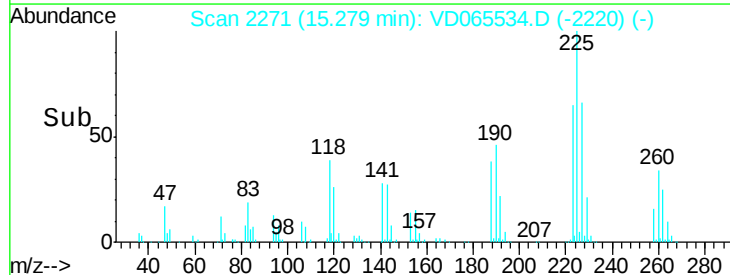
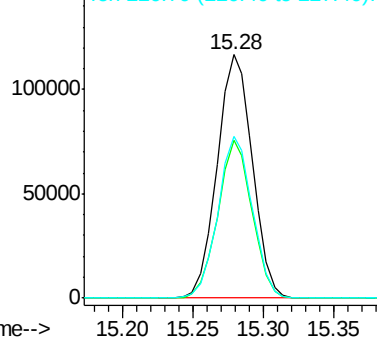


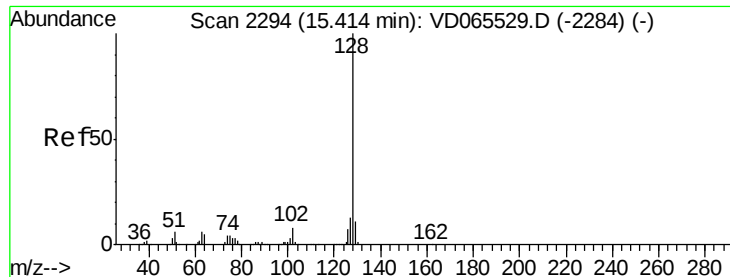
#94
 Hexachlorobutadiene
 Concen: 49.946 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065534.D
 Acq: 27 Mar 2020 10:07

Tgt Ion:	225	Resp:	204220
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.2	93.6
227	65.1	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





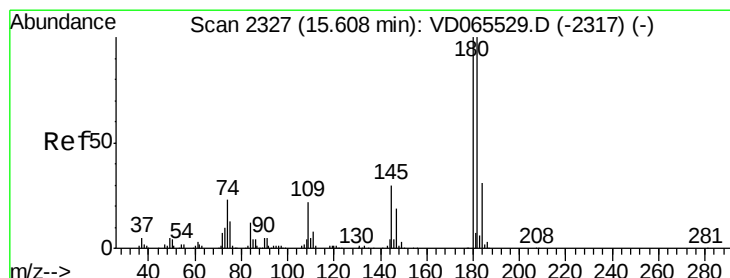
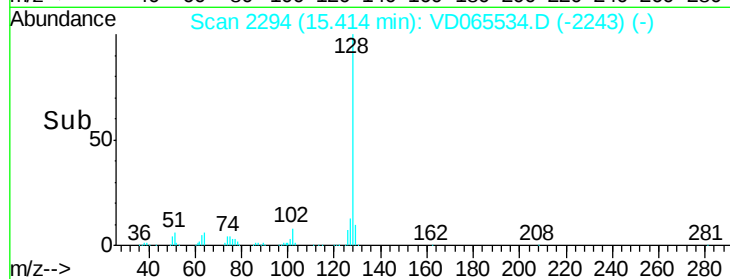
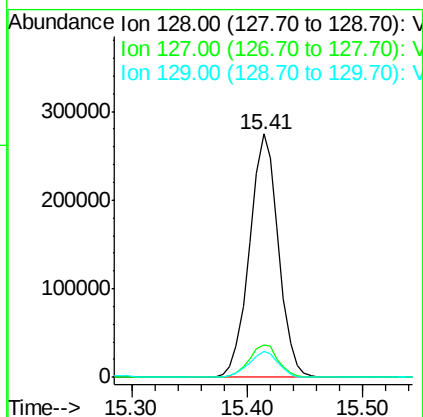
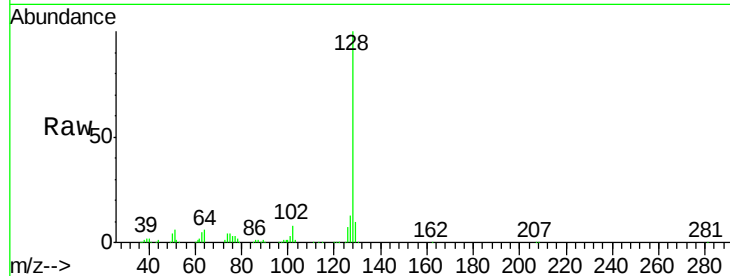
#95
Naphthalene
Concen: 45.218 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 49.817 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065534.D
Acq: 27 Mar 2020 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.3
145	30.1	15.0	45.0

