

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064786.D
 Acq On : 06 Jan 2020 21:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:25:32 AM

Quant Time: Jan 07 03:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	351323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	529840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	481021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	179562	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	
35) Dibromofluoromethane	7.92	113	173206	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.34	98	662691	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	209730	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122796	44.975	ug/l	98
3) Chloromethane	2.21	50	186116	48.741	ug/l	99
4) Vinyl Chloride	2.35	62	223925	48.096	ug/l	98
5) Bromomethane	2.77	94	156022	46.089	ug/l	98
6) Chloroethane	2.92	64	154642	49.571	ug/l	99
7) Trichlorofluoromethane	3.27	101	378108	48.233	ug/l	96
8) Diethyl Ether	3.70	74	80818	51.916	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	158017	48.672	ug/l	98
10) Methyl Iodide	4.29	142	171242	49.104	ug/l	100
11) Tert butyl alcohol	5.26	59	52239	294.232	ug/l	96
12) 1,1-Dichloroethene	4.06	96	147318	47.662	ug/l	96
13) Acrolein	3.93	56	80634	325.881	ug/l	100
14) Allyl chloride	4.71	41	250367	51.953	ug/l	100
15) Acrylonitrile	5.43	53	182958	282.160	ug/l	99
16) Acetone	4.17	43	166519	255.942	ug/l	96
17) Carbon Disulfide	4.40	76	450469	45.073	ug/l	100
18) Methyl Acetate	4.72	43	96752	55.474	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	380242	55.386	ug/l	95
20) Methylene Chloride	4.96	84	180395	57.688	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	175334	49.810	ug/l	99
22) Diisopropyl ether	6.37	45	526767	54.803	ug/l	97
23) Vinyl Acetate	6.31	43	1530867	280.761	ug/l	98
24) 1,1-Dichloroethane	6.27	63	306574	53.128	ug/l	98
25) 2-Butanone	7.23	43	236925	278.229	ug/l	97
26) 2,2-Dichloropropane	7.21	77	266563	49.685	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	200990	52.907	ug/l	99
28) Bromochloromethane	7.55	49	134941	60.157	ug/l	99
29) Tetrahydrofuran	7.57	42	150440	284.087	ug/l	98
30) Chloroform	7.71	83	327730	54.133	ug/l	98
31) Cyclohexane	7.98	56	263258	45.576	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	296695	52.176	ug/l	99
36) 1,1-Dichloropropene	8.11	75	244929	48.028	ug/l	100
37) Ethyl Acetate	7.30	43	108197	54.006	ug/l	98
38) Carbon Tetrachloride	8.10	117	270484	49.742	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	284286	46.026	ug/l	92
40) Benzene	8.36	78	708328	50.880	ug/l	99
41) Methacrylonitrile	7.53	41	60535	52.078	ug/l	93
42) 1,2-Dichloroethane	8.43	62	211526	52.579	ug/l	100
43) Isopropyl Acetate	8.46	43	212488	53.287	ug/l	100
44) Trichloroethene	9.11	130	199011	48.661	ug/l	99
45) 1,2-Dichloropropane	9.39	63	173675	52.249	ug/l	97
46) Dibromomethane	9.48	93	95435	51.497	ug/l	96
47) Bromodichloromethane	9.67	83	259287	52.579	ug/l	98
48) Methyl methacrylate	9.46	41	102711	54.703	ug/l	95
49) 1,4-Dioxane	9.47	88	22399	1048.203	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	545393	276.708	ug/l	100
52) Toluene	10.41	92	461749	50.555	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	245751	53.452	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	283255	52.249	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	134316	53.779	ug/l	96
56) Ethyl methacrylate	10.66	69	170172	54.558	ug/l	97
57) 1,3-Dichloropropane	10.95	76	228159	53.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	315436	265.440	ug/l	99
59) 2-Hexanone	10.99	43	375209	280.475	ug/l	99
60) Dibromochloromethane	11.14	129	180591	52.288	ug/l	100
61) 1,2-Dibromoethane	11.25	107	131387	53.336	ug/l	98
64) Tetrachloroethene	10.88	164	173268	46.952	ug/l	95
65) Chlorobenzene	11.67	112	492459	49.327	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	192733	51.209	ug/l	98
67) Ethyl Benzene	11.75	91	885582	48.871	ug/l	97
68) m/p-Xylenes	11.86	106	689074	98.521	ug/l	99
69) o-Xylene	12.18	106	311789	49.353	ug/l	98
70) Styrene	12.20	104	568789	51.293	ug/l	99
71) Bromoform	12.37	173	111510	51.954	ug/l #	98
73) Isopropylbenzene	12.48	105	836456	47.901	ug/l	100
74) N-amyl acetate	12.30	43	191506	51.303	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	142333	51.886	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	95862m	49.680	ug/l	
77) Bromobenzene	12.77	156	211846	49.373	ug/l	99
78) n-propylbenzene	12.83	91	988313	48.513	ug/l	99
79) 2-Chlorotoluene	12.91	91	550298	49.173	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	696459	48.552	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	48187	52.229	ug/l	97
82) 4-Chlorotoluene	13.01	91	583845	49.023	ug/l	100
83) tert-Butylbenzene	13.23	119	591069	47.458	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	703279	49.228	ug/l	98
85) sec-Butylbenzene	13.41	105	824402	48.282	ug/l	99
86) p-Isopropyltoluene	13.53	119	776860	47.583	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	398686	48.741	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	391230	48.688	ug/l	99
89) n-Butylbenzene	13.85	91	702601	47.787	ug/l	99
90) Hexachloroethane	14.12	117	150365	48.214	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	340306	48.791	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	22776	51.217	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	246823	48.061	ug/l	98
94) Hexachlorobutadiene	15.28	225	144990	44.865	ug/l	98
95) Naphthalene	15.41	128	410608	50.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	210048	47.909	ug/l	99

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

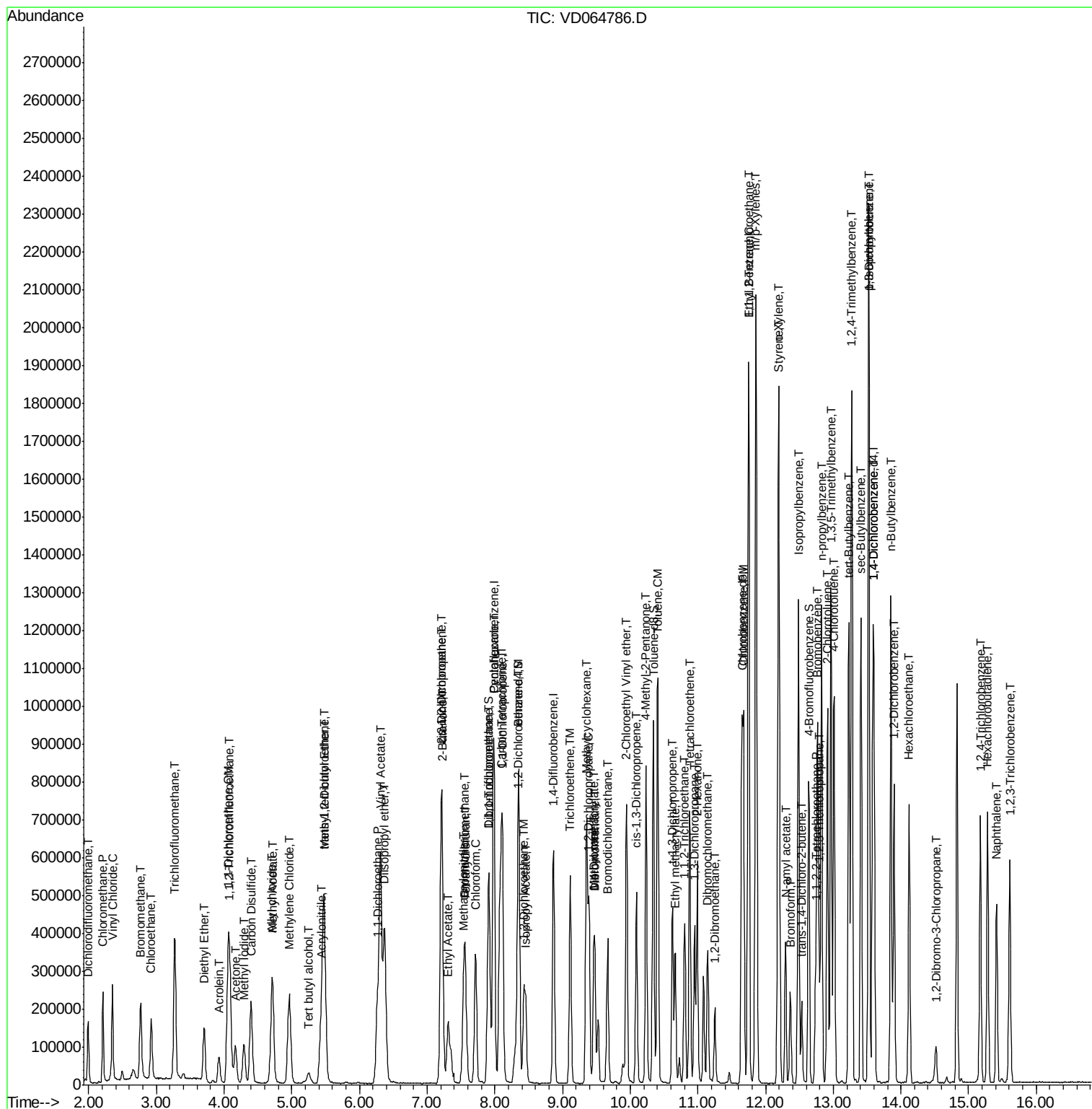
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Data File : VD064786.D
Acq On : 06 Jan 2020 21:29
Operator : VA/SY
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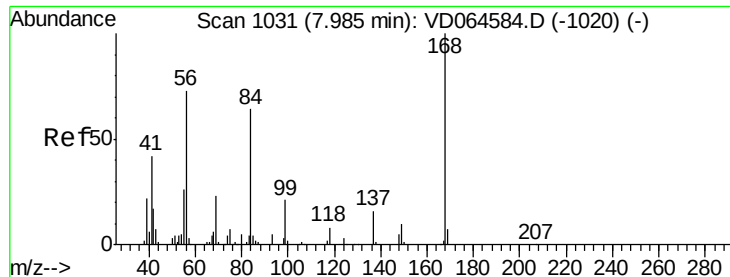
Instrument :
MSVOA_D
Client Sampled :
VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 351323

Ion Ratio Lower Upper

168 100

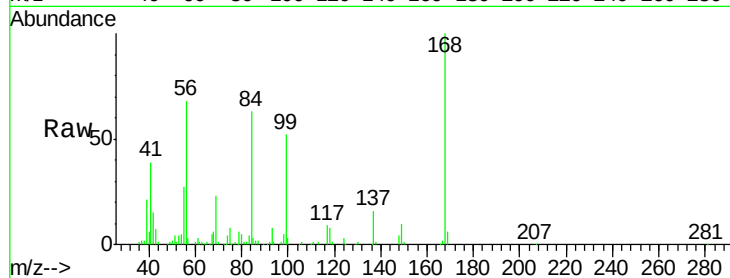
99 52.1 41.8 62.6

Manual Integrations

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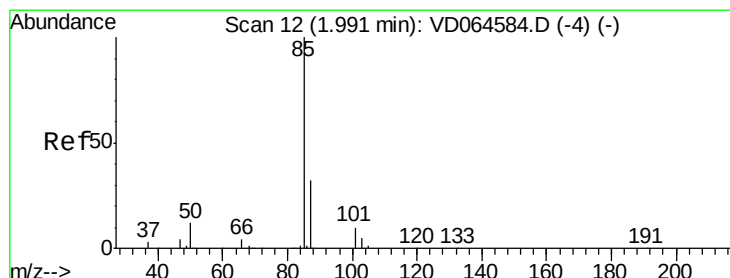
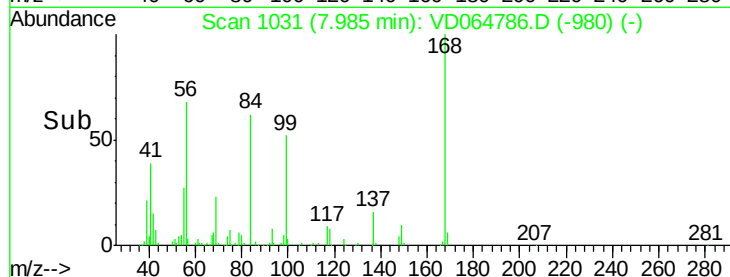
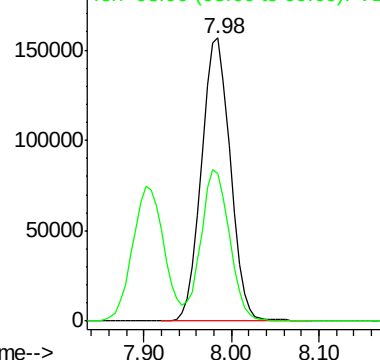
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.975 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064786.D

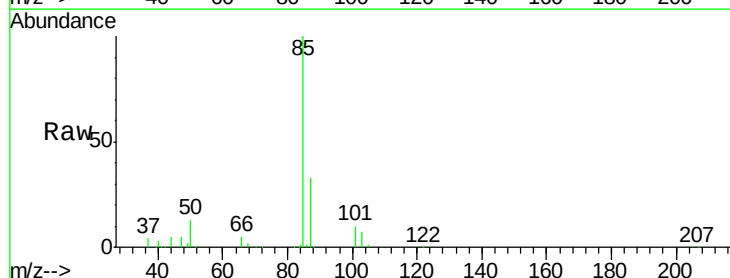
Acq: 06 Jan 2020 21:29

Tgt Ion: 85 Resp: 122796

Ion Ratio Lower Upper

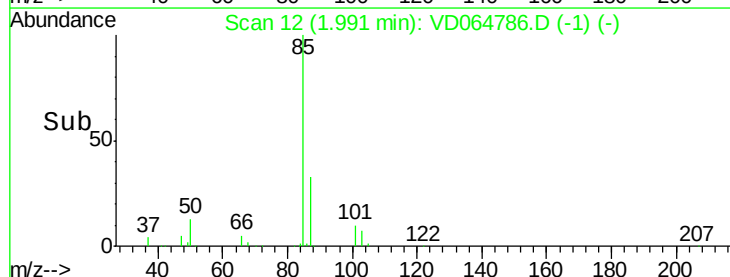
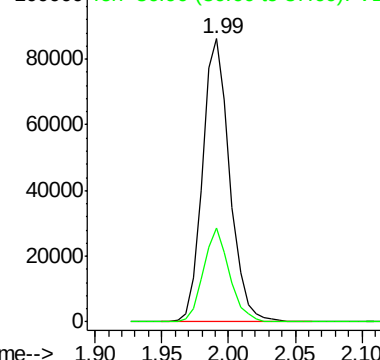
85 100

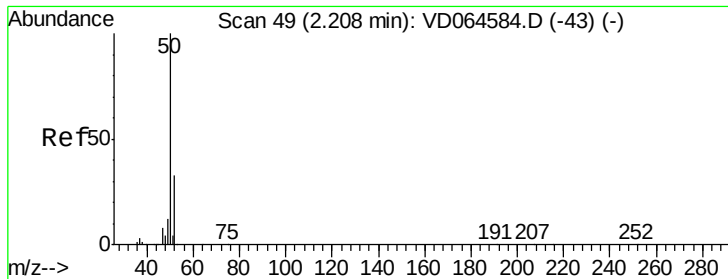
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.741 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 186116

Ion Ratio Lower Upper

50 100

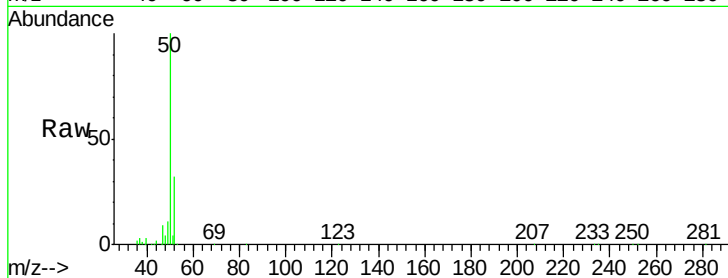
52 32.4 26.5 39.7

Manual Integrations

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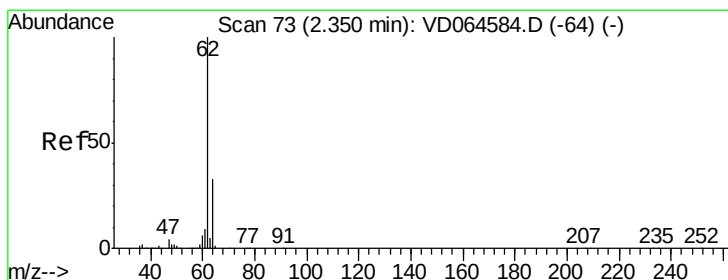
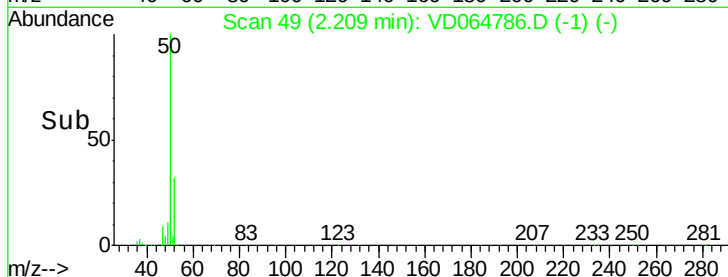
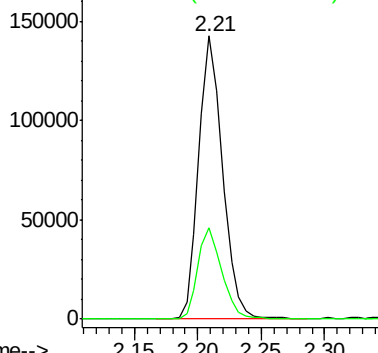
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.096 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064786.D

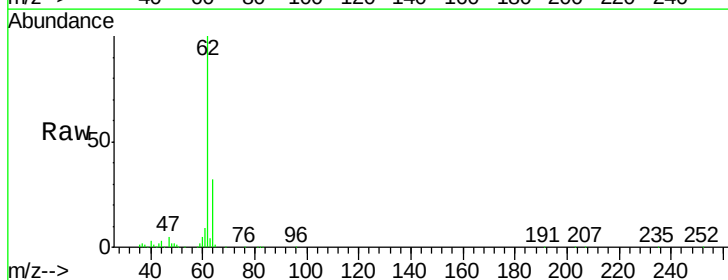
Acq: 06 Jan 2020 21:29

Tgt Ion: 62 Resp: 223925

Ion Ratio Lower Upper

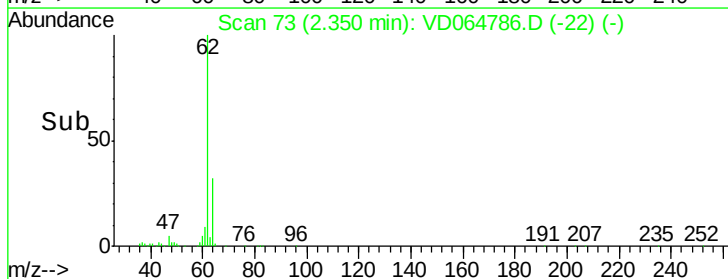
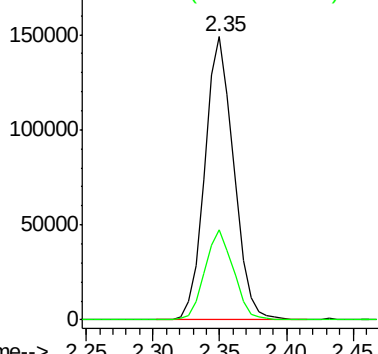
62 100

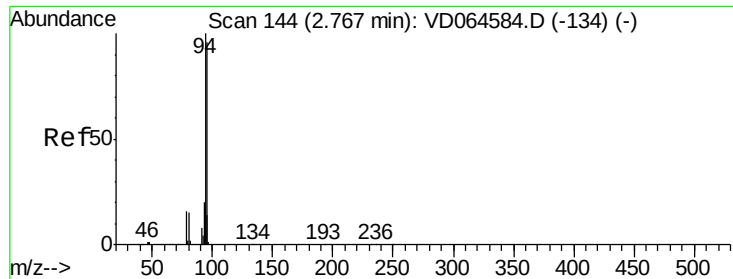
64 32.0 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 46.089 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 156022

Ion Ratio Lower Upper

94 100

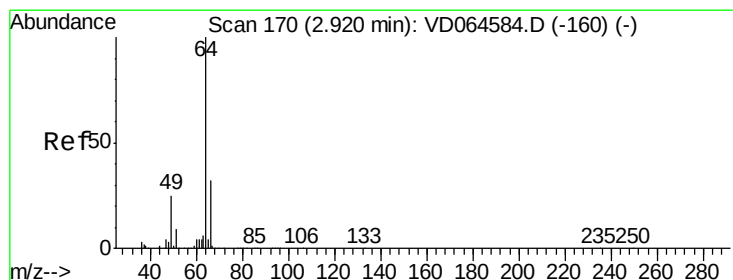
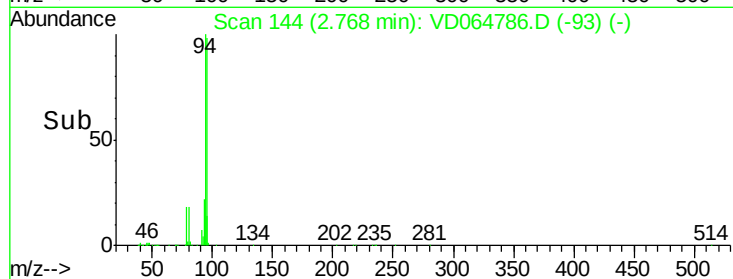
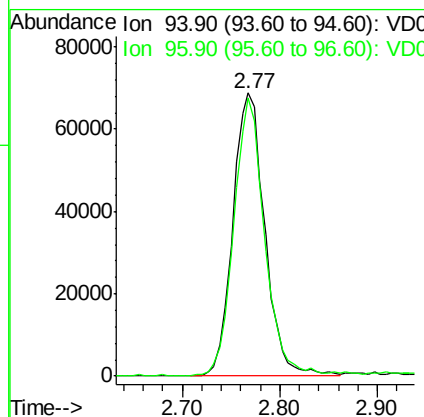
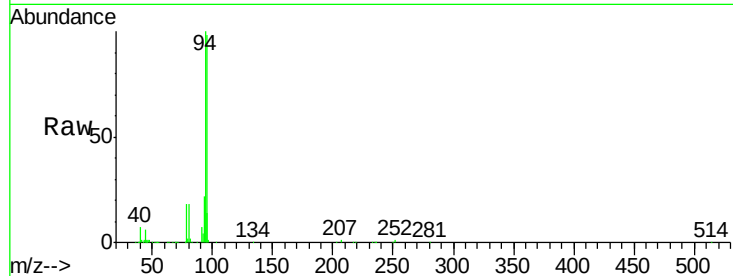
96 98.4 77.2 115.8

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#6

Chloroethane

Concen: 49.571 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064786.D

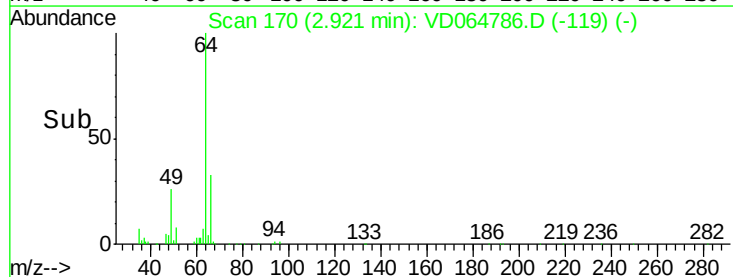
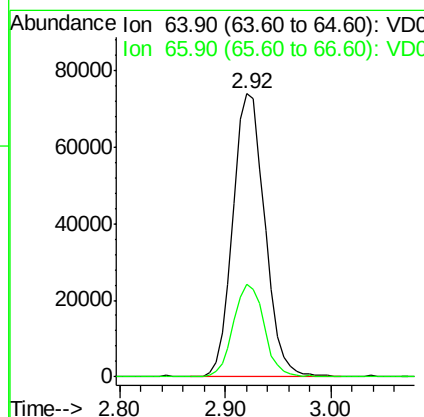
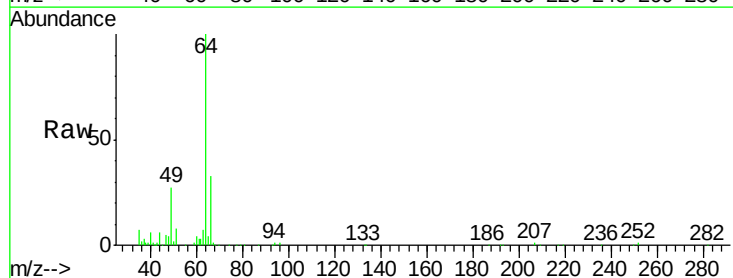
Acq: 06 Jan 2020 21:29

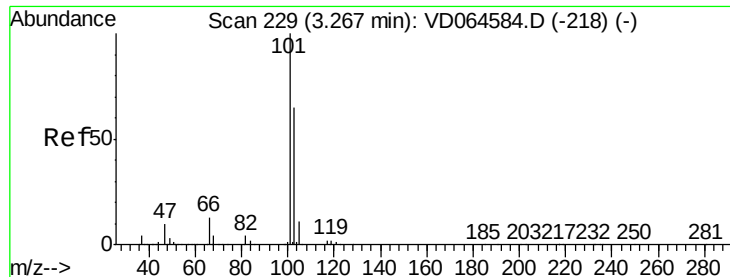
Tgt Ion: 64 Resp: 154642

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9





#7

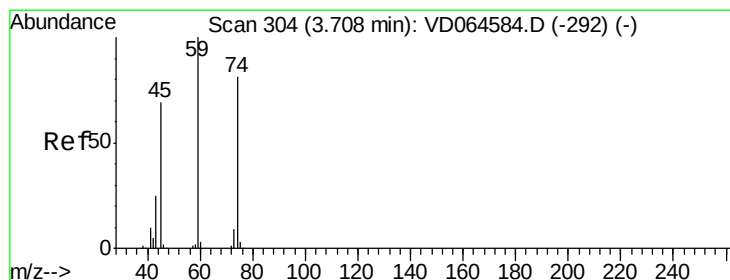
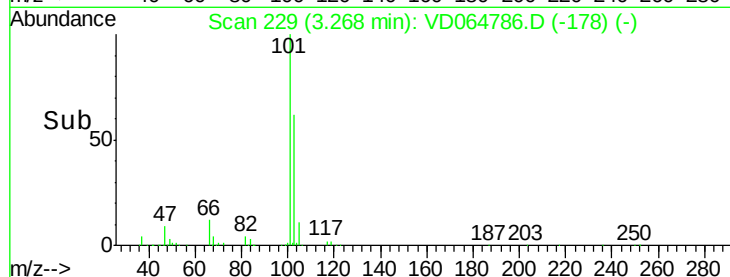
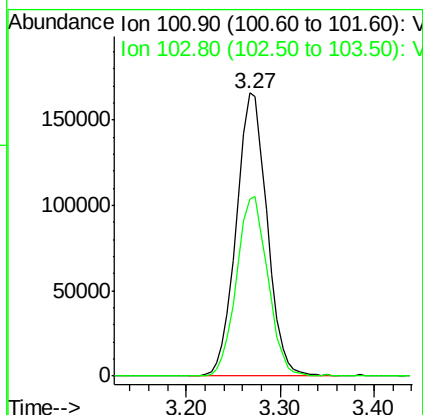
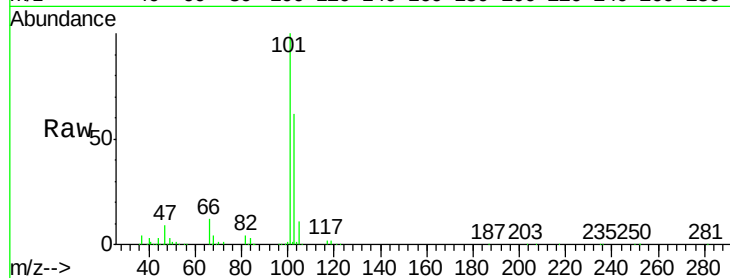
Trichlorofluoromethane
Concen: 48.233 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.4

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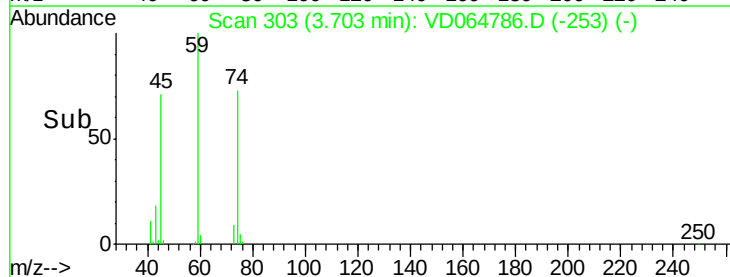
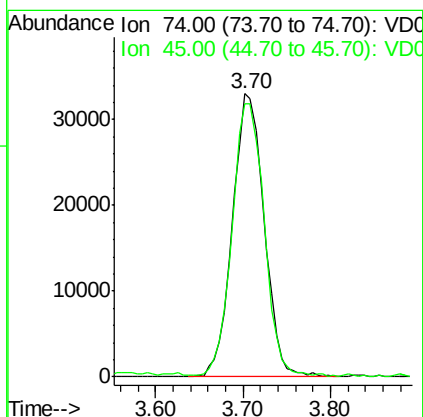
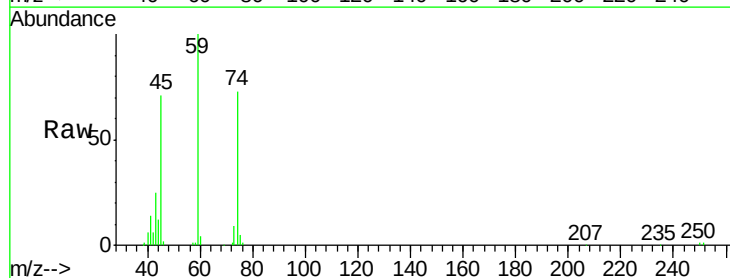
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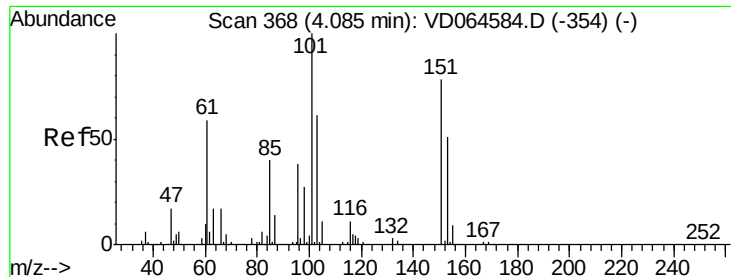


#8

Diethyl Ether
Concen: 51.916 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.672 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

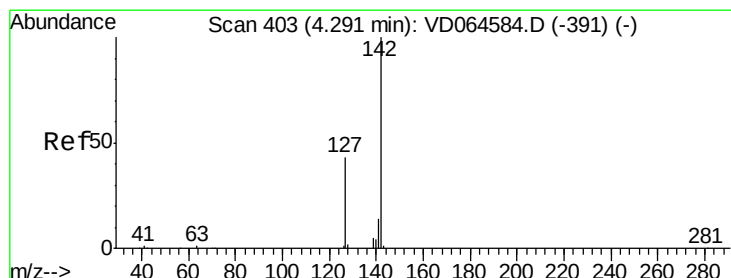
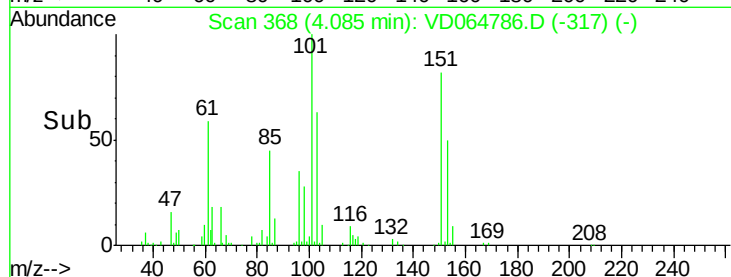
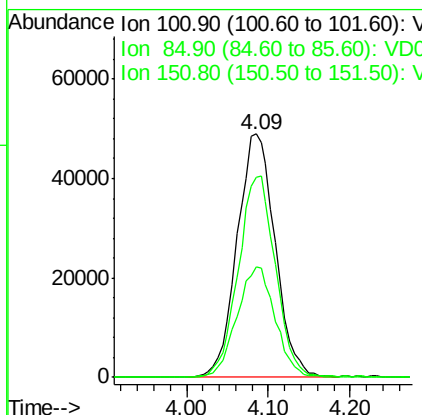
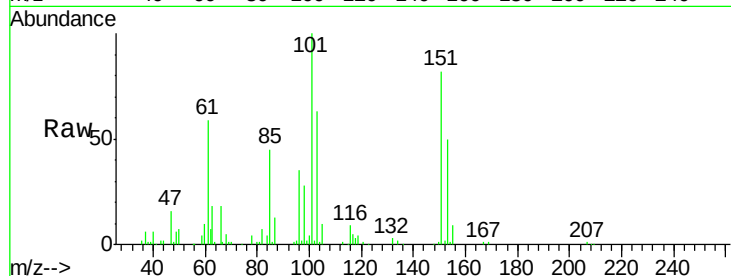
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	158017
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.2	52.8
151	81.1	66.2	99.4

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#10

Methyl Iodide

Concen: 49.104 ug/l

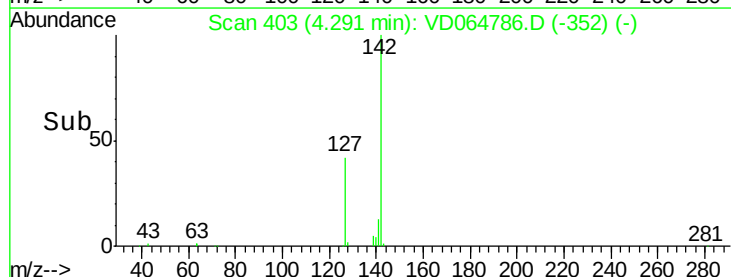
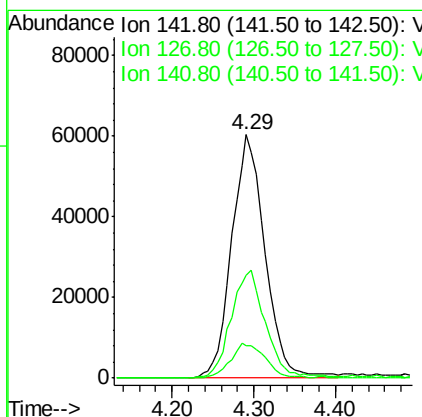
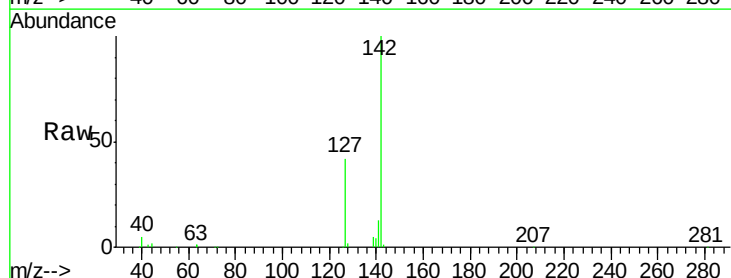
RT: 4.29 min Scan# 403

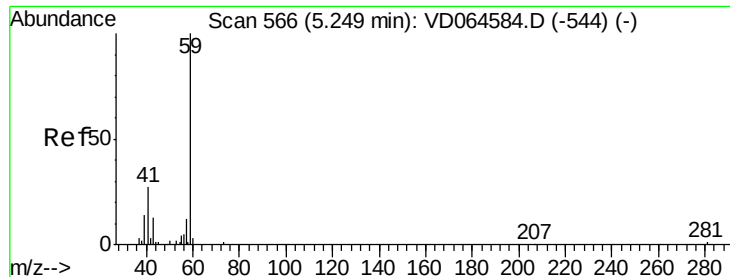
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	142	Resp:	171242
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.2	54.4
141	14.8	11.8	17.8





#11

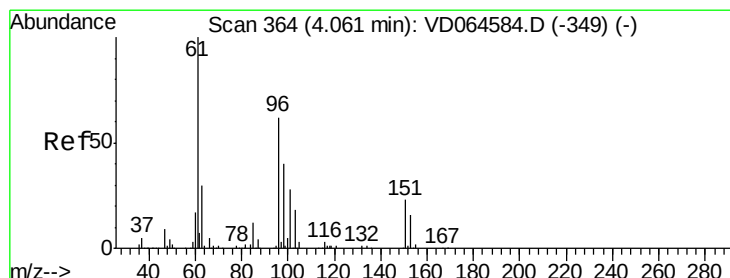
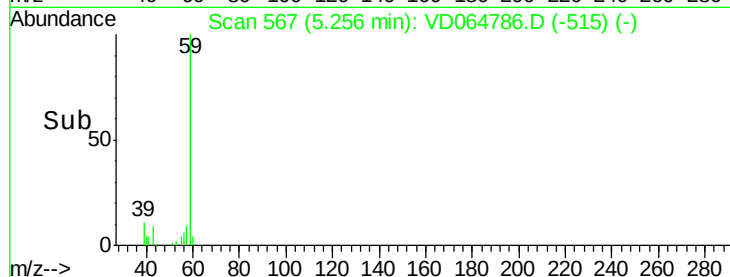
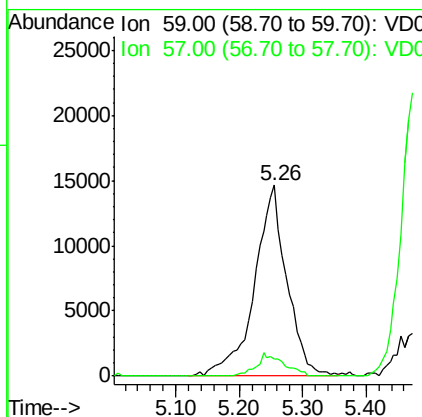
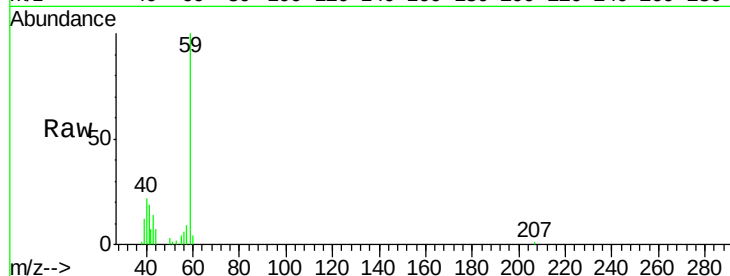
Tert butyl alcohol
 Concen: 294.232 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.3	13.9

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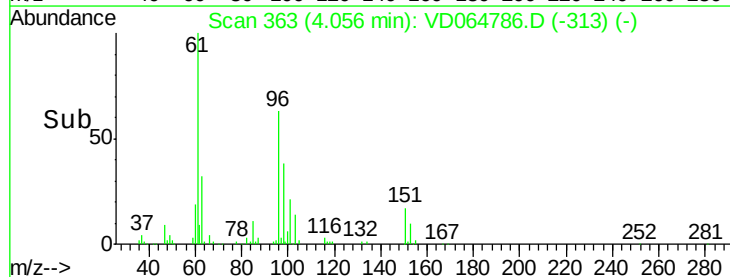
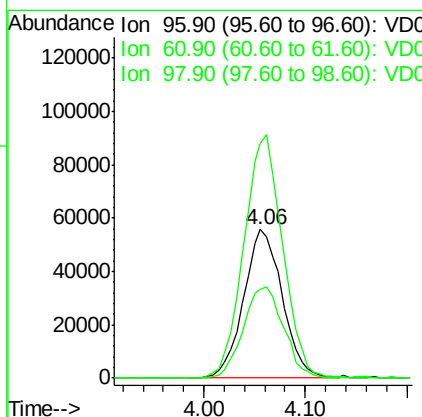
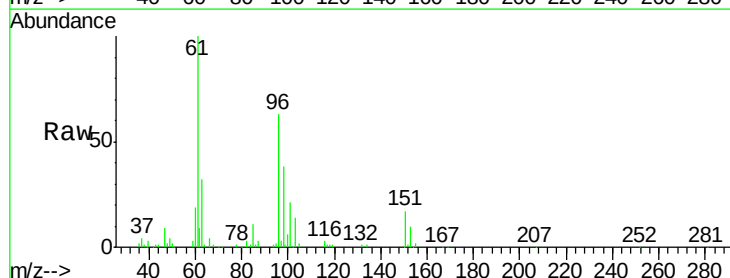
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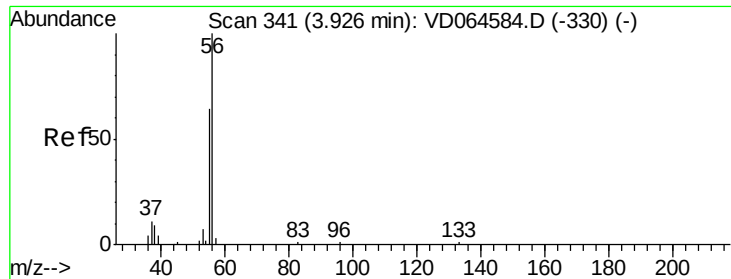


#12

1,1-Dichloroethene
 Concen: 47.662 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	129.4	194.0
98	60.1	51.4	77.0





#13

Acrolein

Concen: 325.881 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 80634

Ion Ratio Lower Upper

56 100

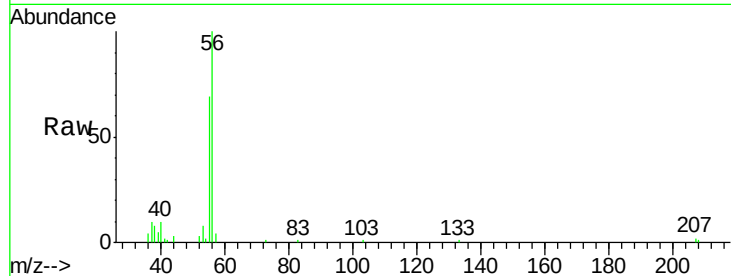
55 70.9 56.7 85.1

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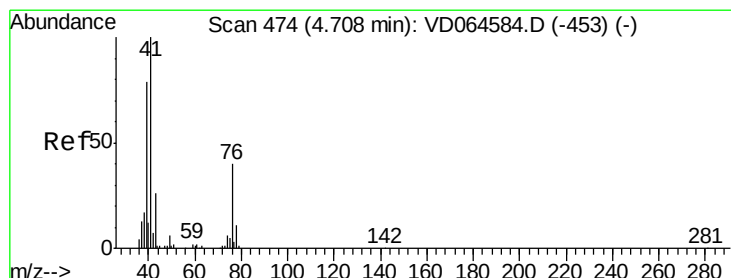
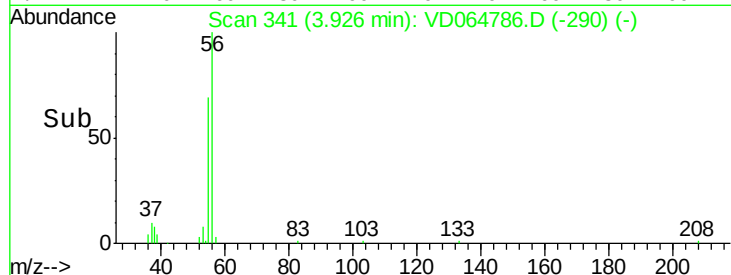
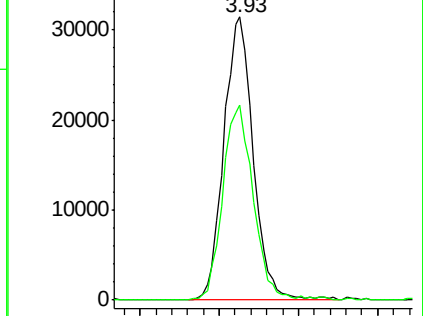
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.953 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

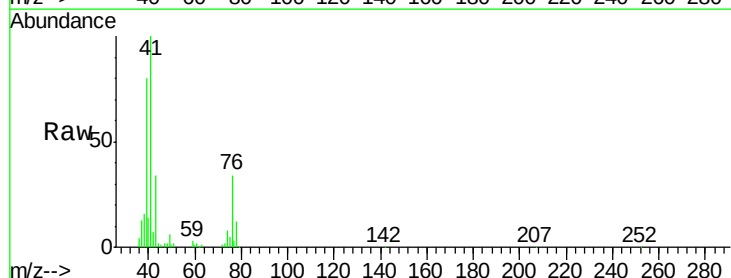
Tgt Ion: 41 Resp: 250367

Ion Ratio Lower Upper

41 100

39 78.0 62.3 93.5

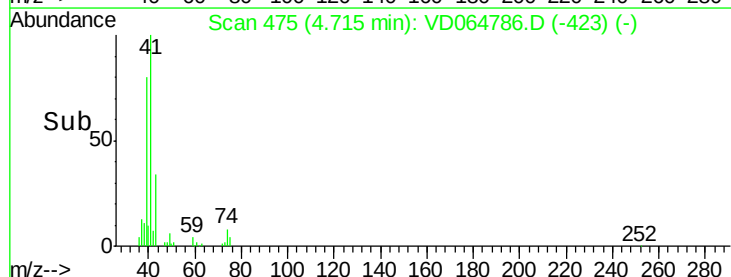
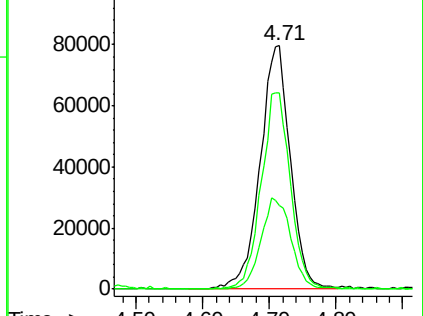
76 37.2 29.7 44.5

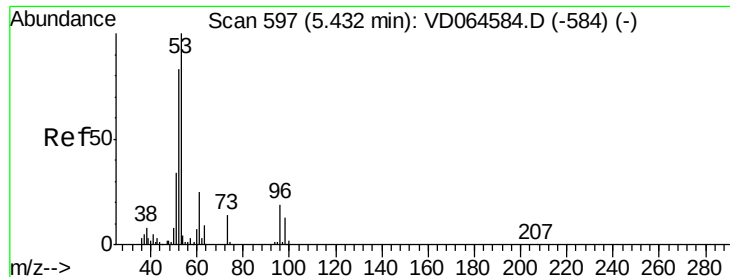


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 282.160 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

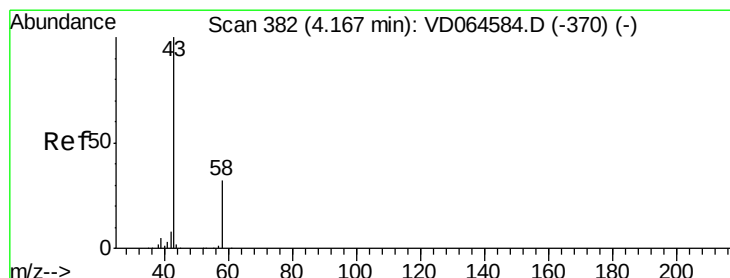
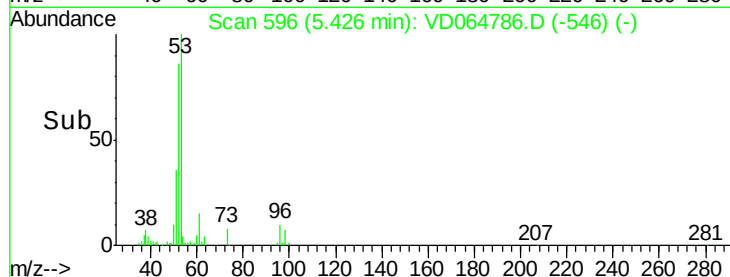
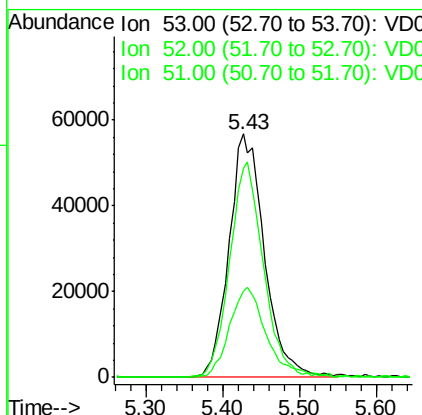
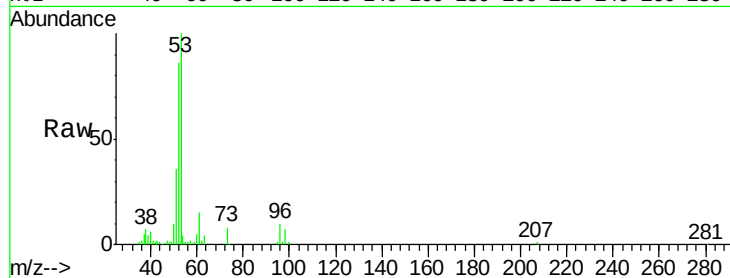
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	182958
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.2	99.2
51	38.2	30.1	45.1

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#16

Acetone

Concen: 255.942 ug/l

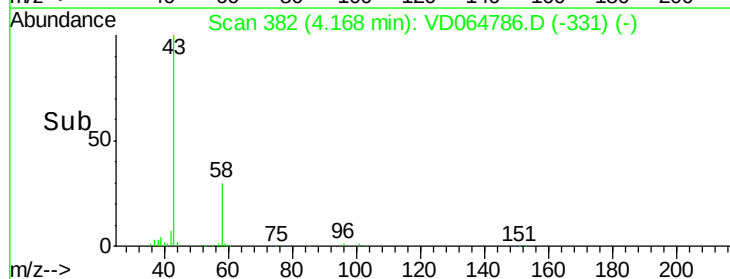
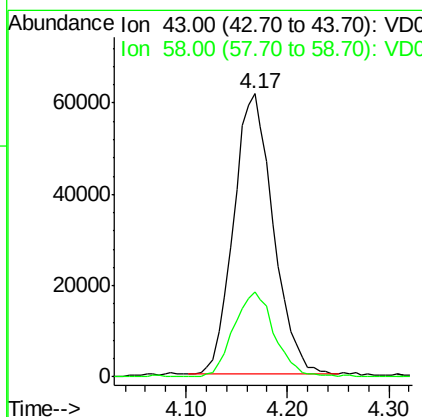
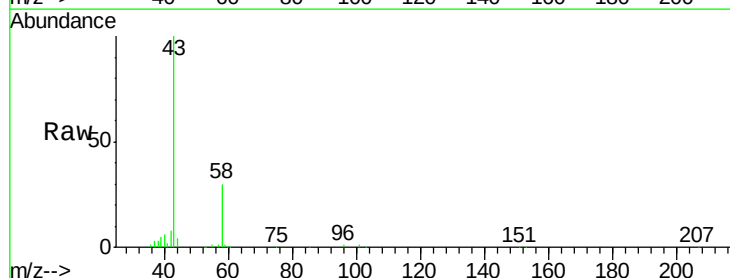
RT: 4.17 min Scan# 382

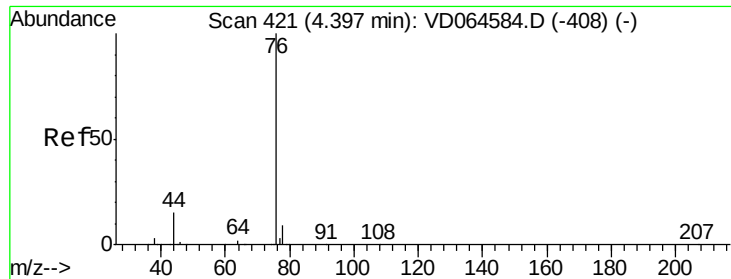
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	43	Resp:	166519
Ion Ratio	Lower	Upper	
43	100		
58	29.8	25.8	38.6





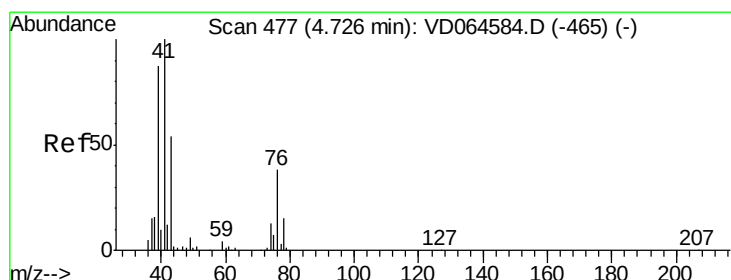
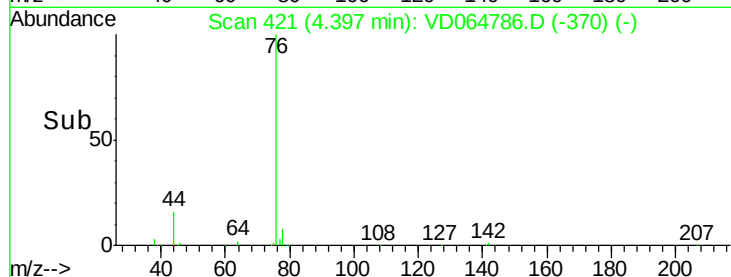
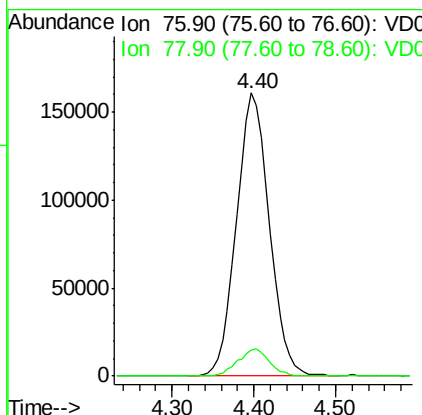
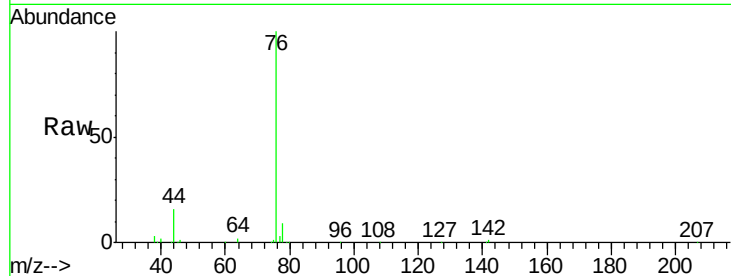
#17
Carbon Disulfide
Concen: 45.073 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 450469
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

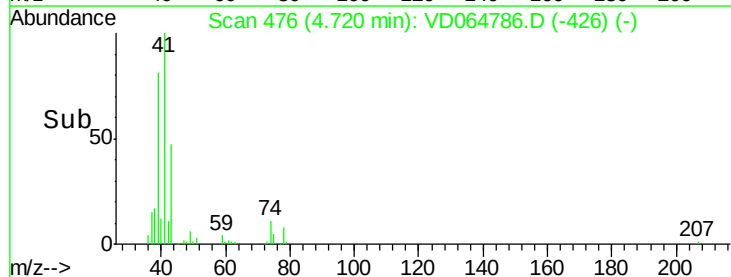
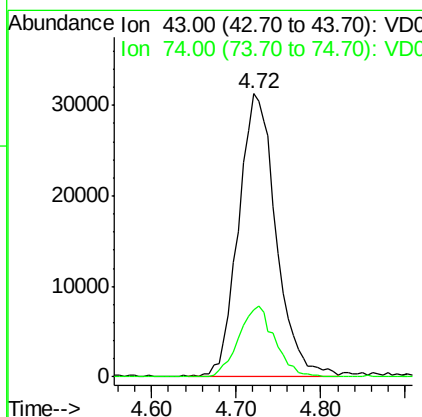
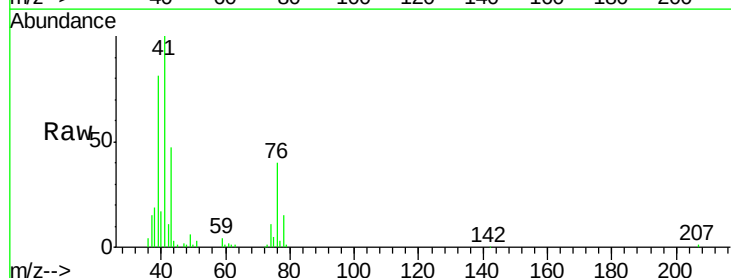
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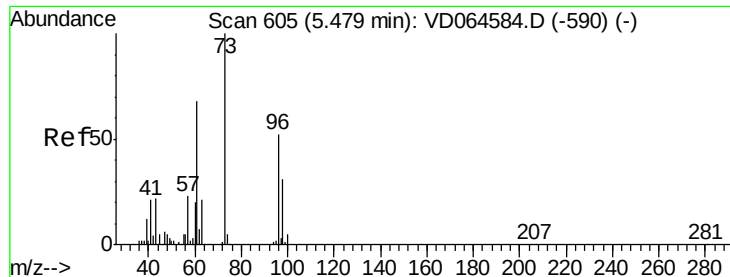
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#18
Methyl Acetate
Concen: 55.474 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion: 43 Resp: 96752
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





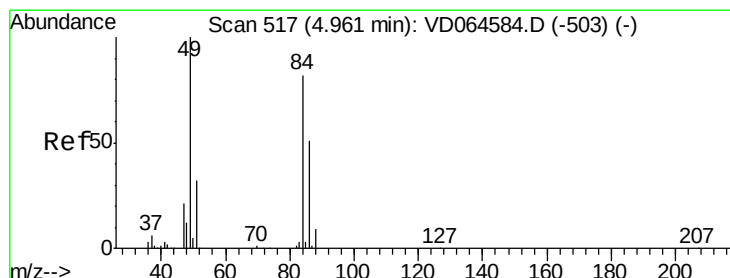
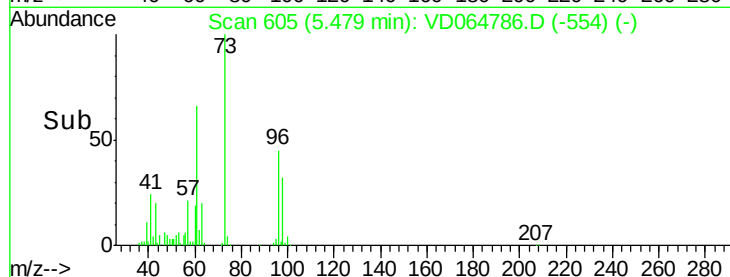
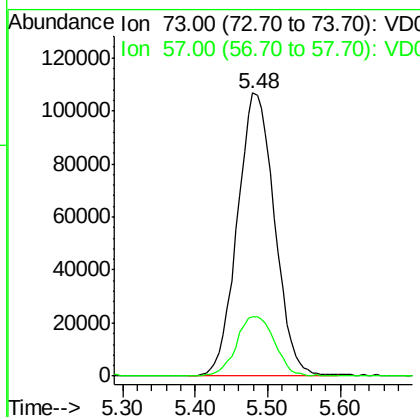
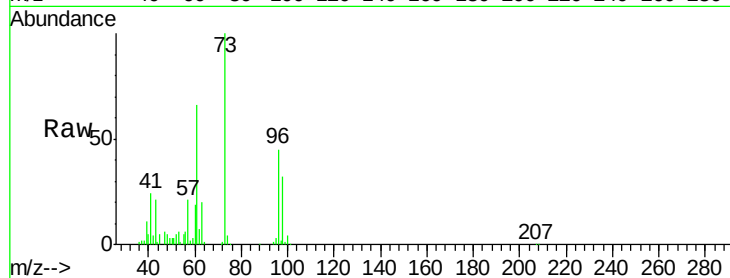
#19
Methyl tert-butyl Ether
Concen: 55.386 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 380242
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8

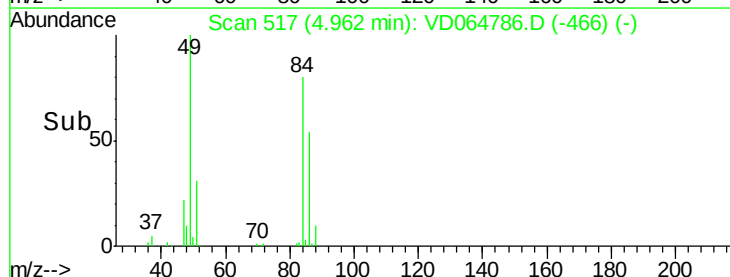
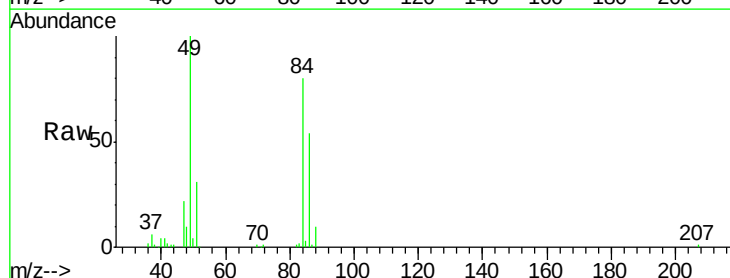
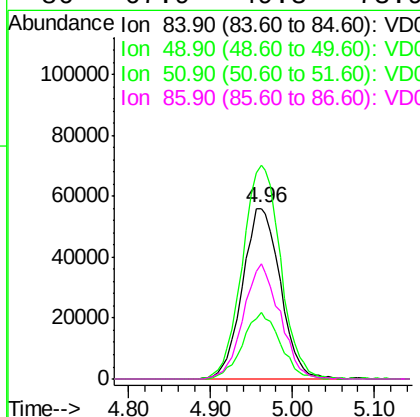
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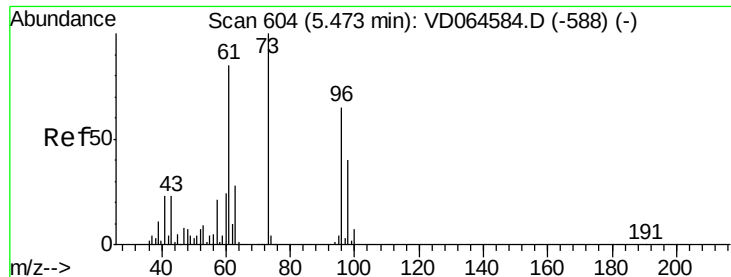
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#20
Methylene Chloride
Concen: 57.688 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion: 84 Resp: 180395
Ion Ratio Lower Upper
84 100
49 125.3 97.2 145.8
51 38.9 31.4 47.0
86 67.9 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 49.810 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

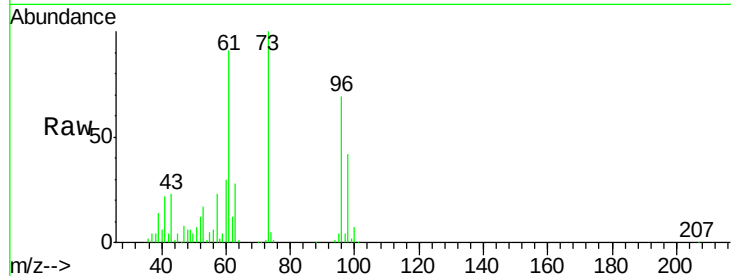
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	175334
Ion	Ratio	Lower	Upper
96	100		
61	131.8	104.7	157.1
98	61.8	49.4	74.2

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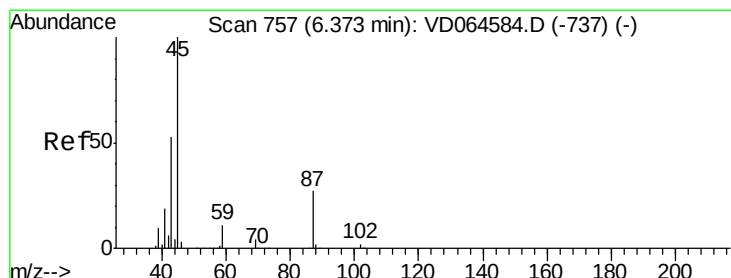
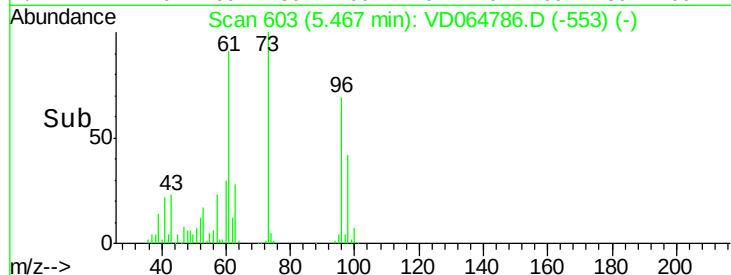
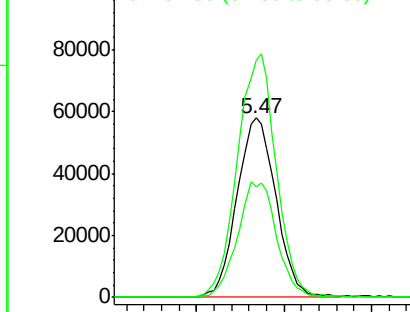


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 54.803 ug/l

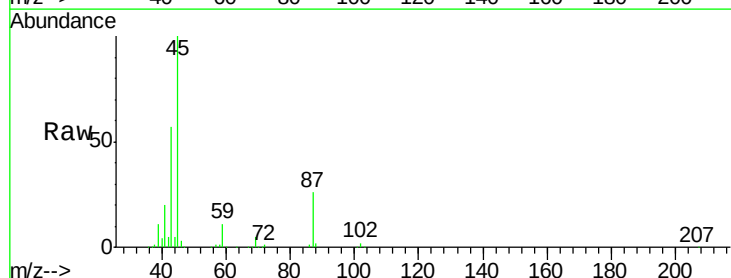
RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	45	Resp:	526767
Ion	Ratio	Lower	Upper
45	100		
43	56.3	43.2	64.8
87	25.4	21.9	32.9
59	11.1	9.0	13.4



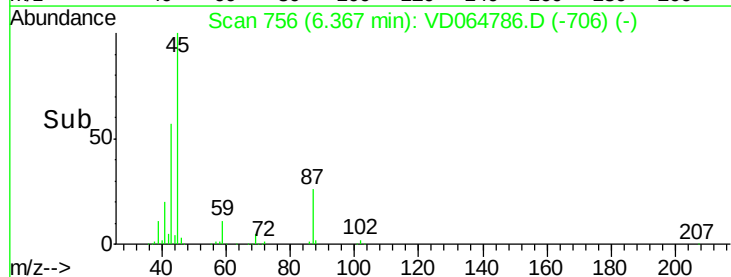
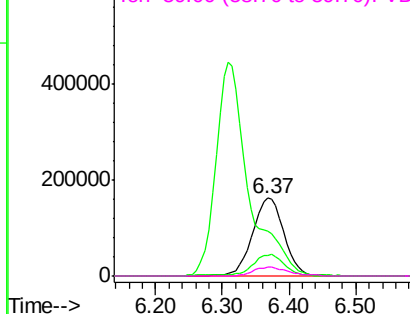
Abundance

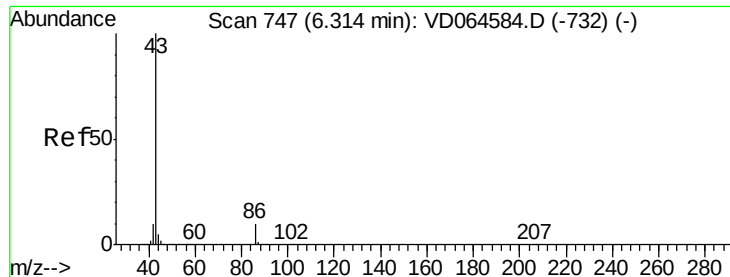
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 280.761 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1530867

Ion Ratio Lower Upper

43 100

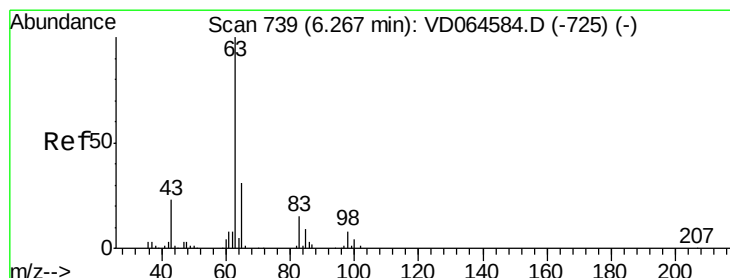
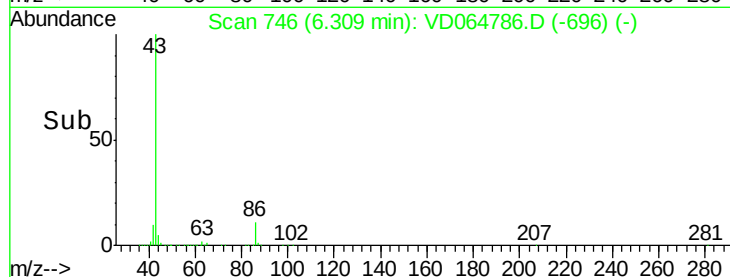
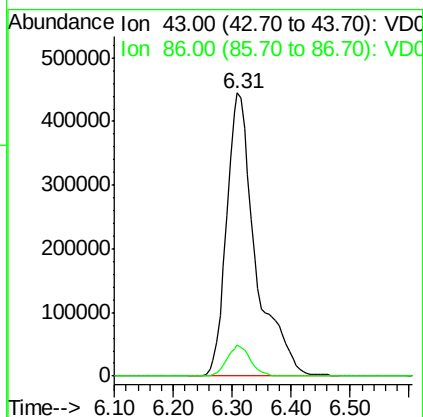
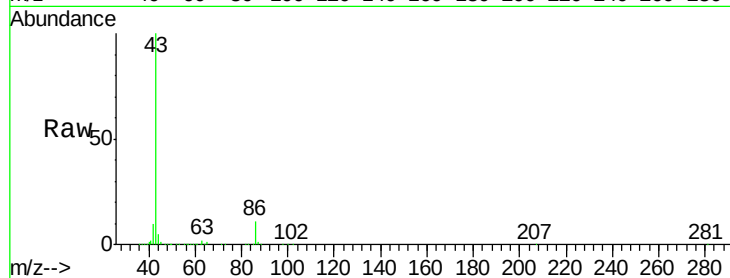
86 11.2 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 53.128 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

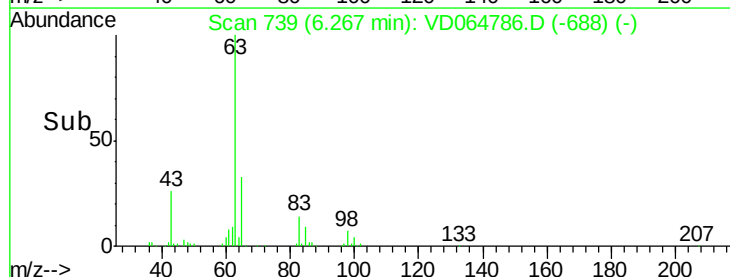
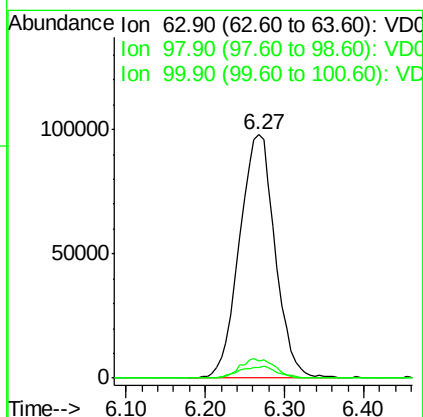
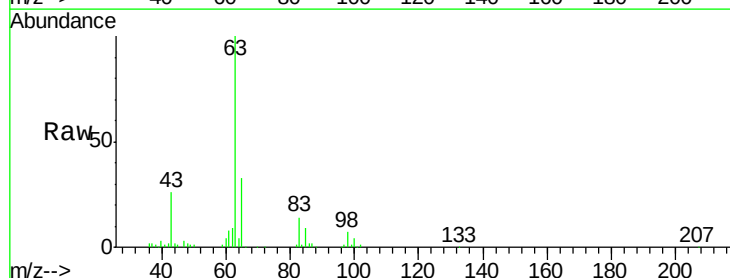
Tgt Ion: 63 Resp: 306574

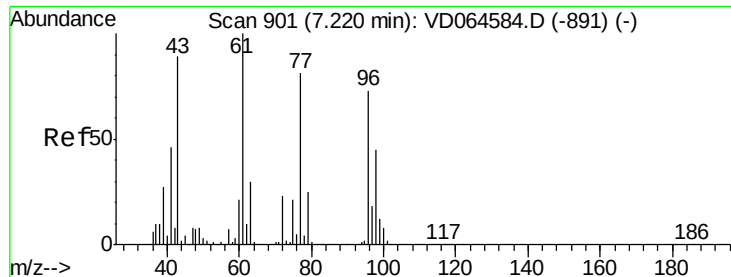
Ion Ratio Lower Upper

63 100

98 7.1 4.1 12.3

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 278.229 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 236925

Ion Ratio Lower Upper

43 100

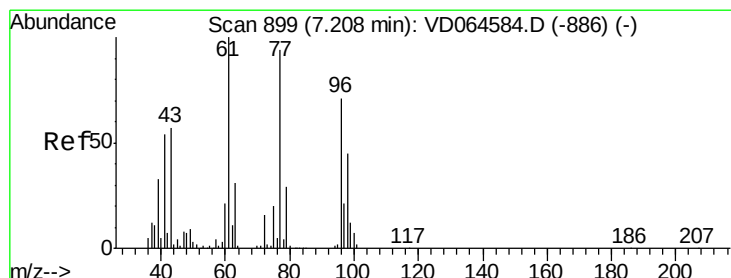
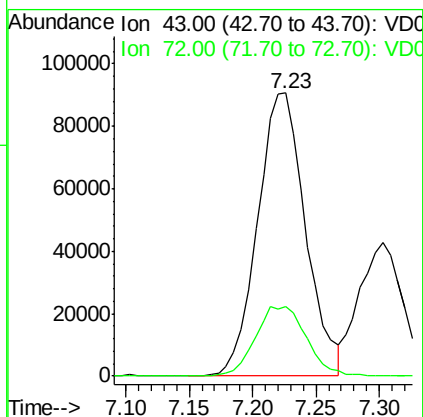
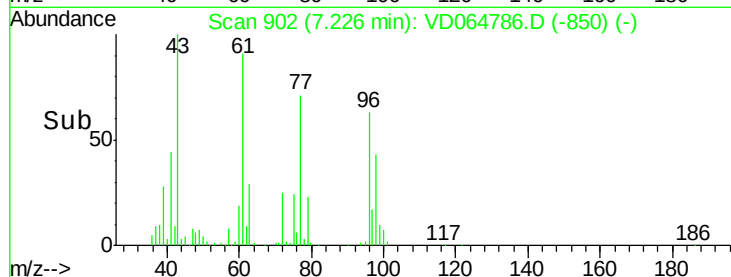
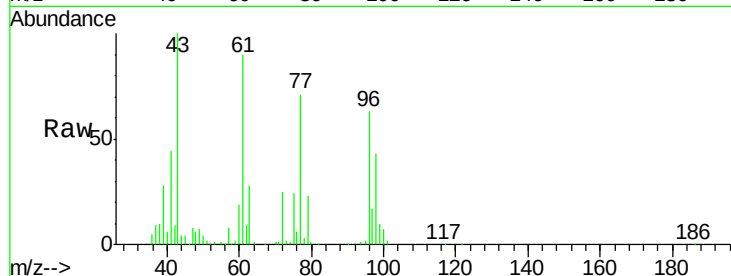
72 24.6 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 49.685 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064786.D

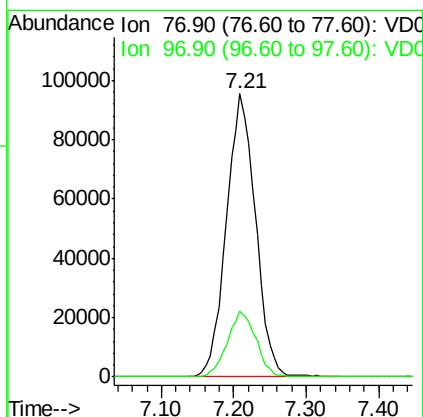
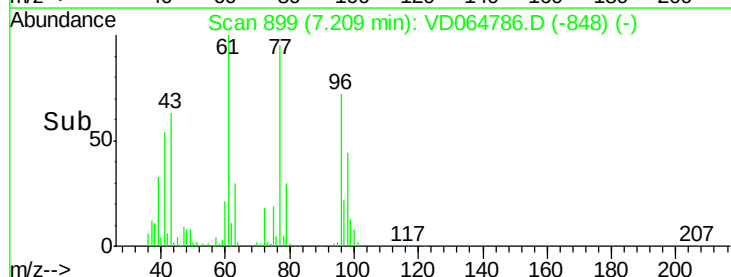
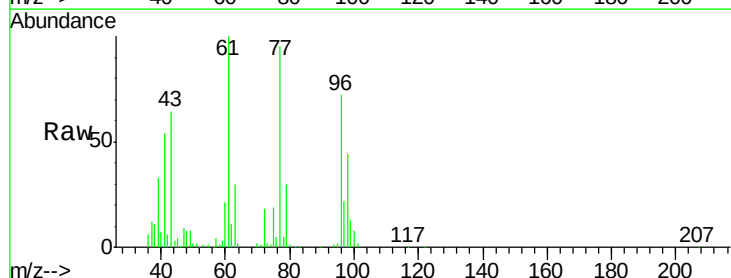
Acq: 06 Jan 2020 21:29

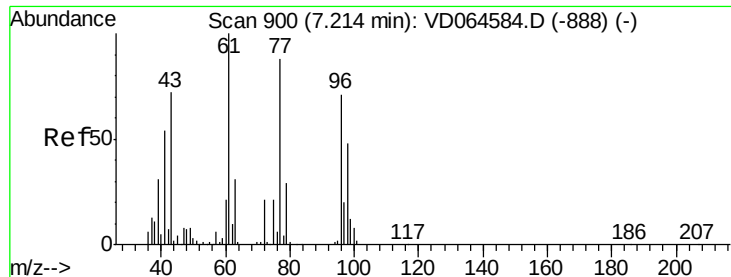
Tgt Ion: 77 Resp: 266563

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

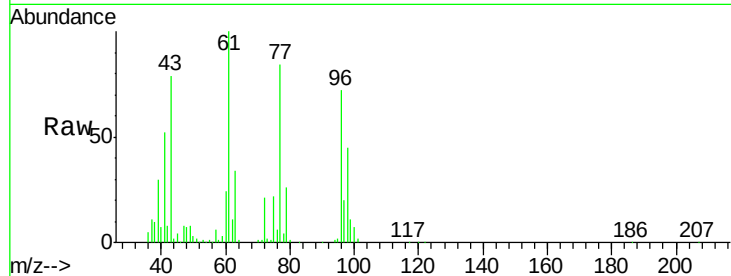
cis-1,2-Dichloroethene
Concen: 52.907 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

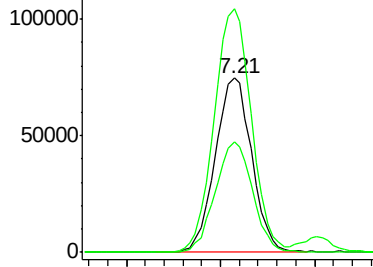
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	200990		
61	142.1	0.0	282.6	
98	64.4	0.0	130.8	

Manual Integrations
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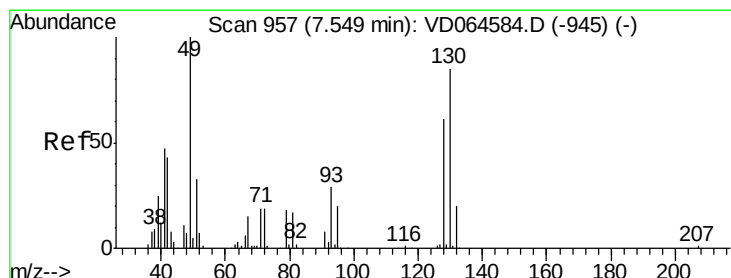
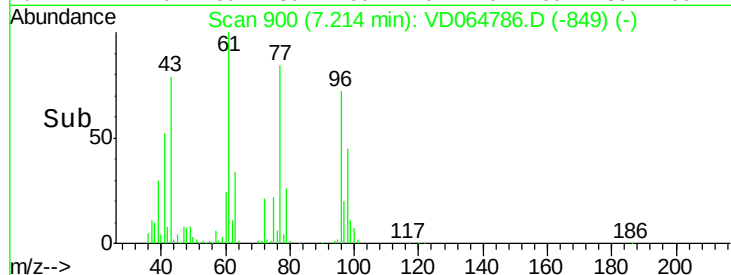
apatel
1/7/2020 10:25:32 AM



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



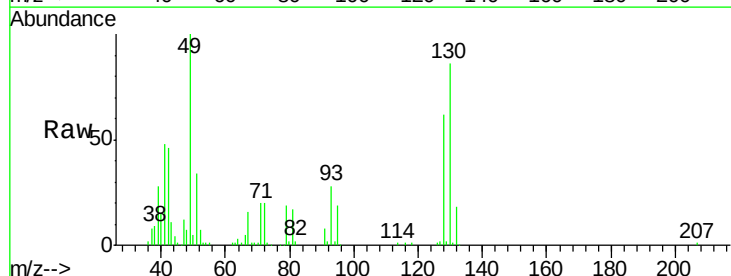
Time-->



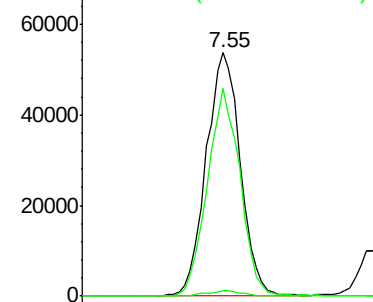
#28

Bromochloromethane
Concen: 60.157 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

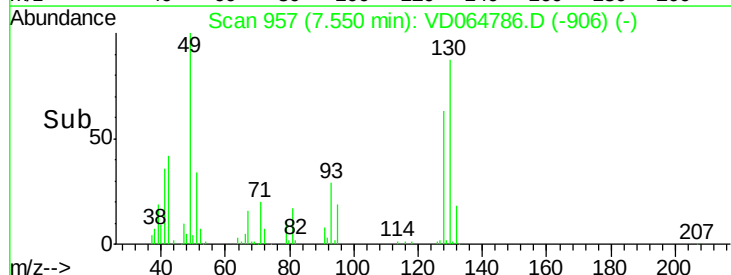
Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134941		
129	2.3	0.0	4.8	
130	82.2	65.0	97.6	

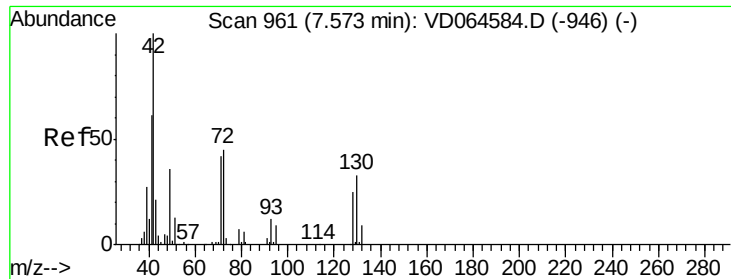


Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC



Time-->





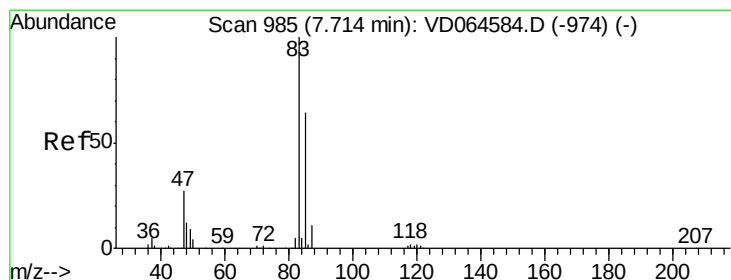
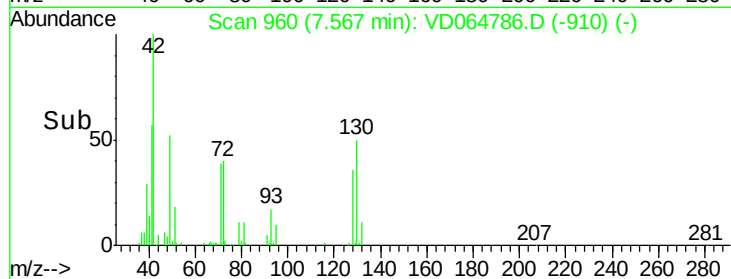
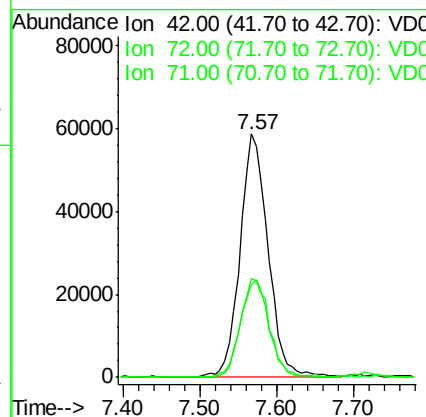
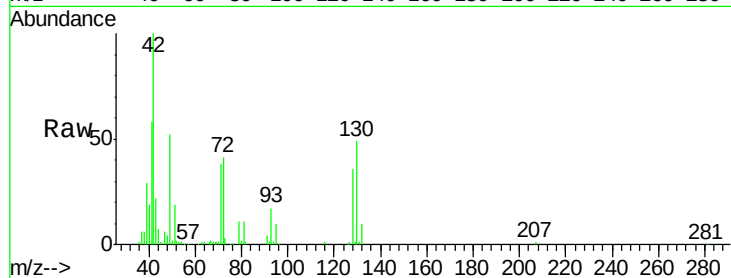
#29
Tetrahydrofuran
Concen: 284.087 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.0	52.4
71	40.7	32.9	49.3

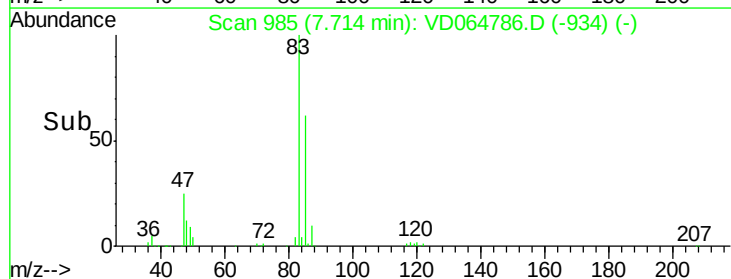
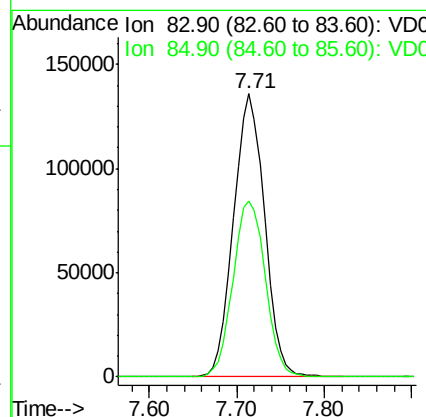
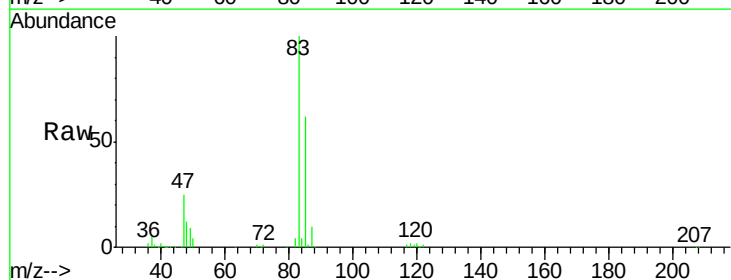
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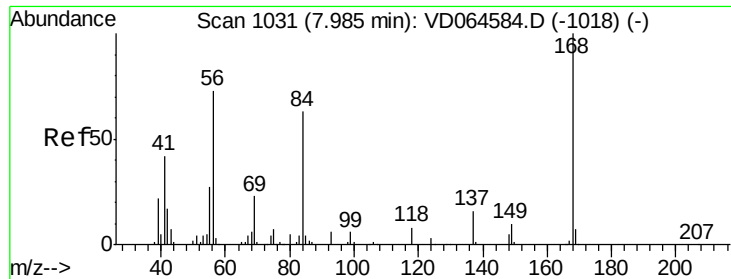
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#30
Chloroform
Concen: 54.133 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.1	76.7





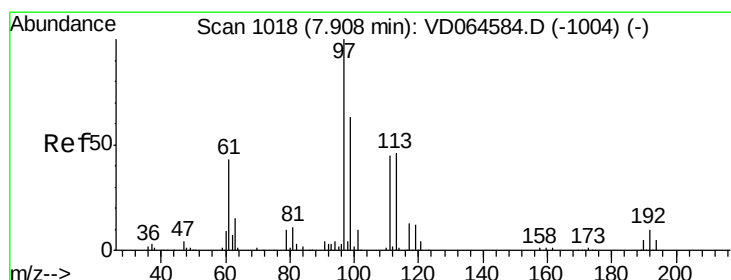
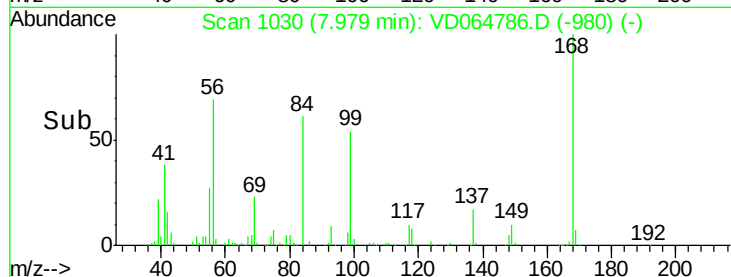
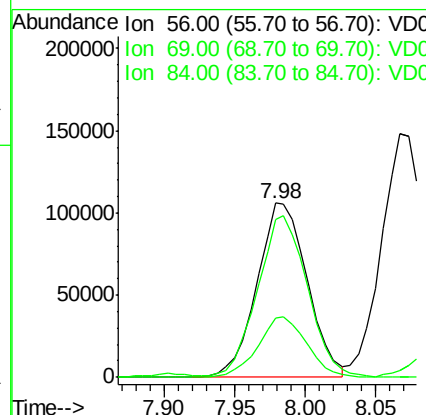
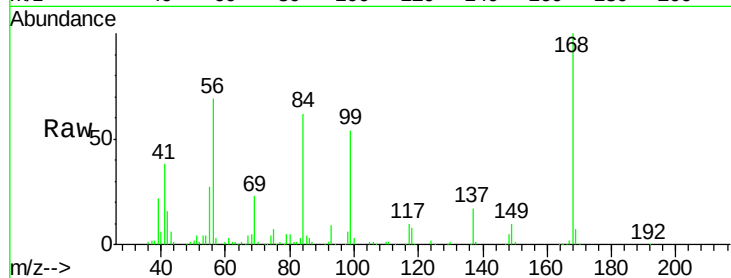
#31
Cyclohexane
Concen: 45.576 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.7	37.1
84	89.5	69.4	104.2

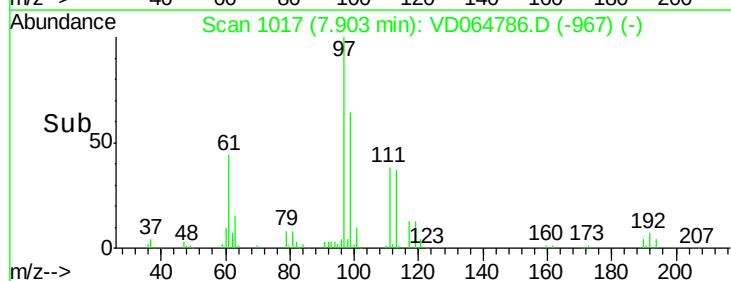
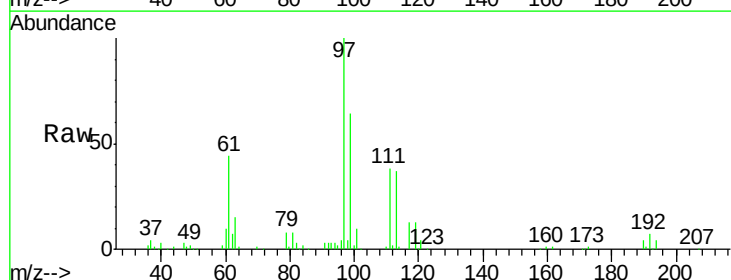
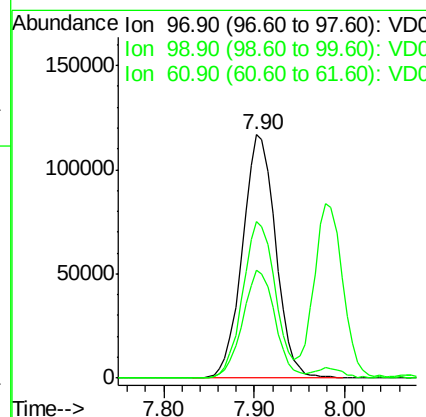
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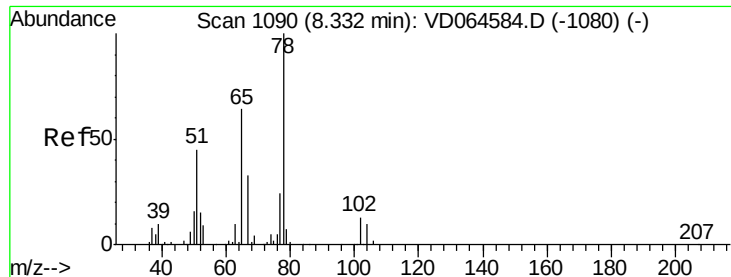
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#32
1,1,1-Trichloroethane
Concen: 52.176 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.6
61	43.5	35.4	53.0





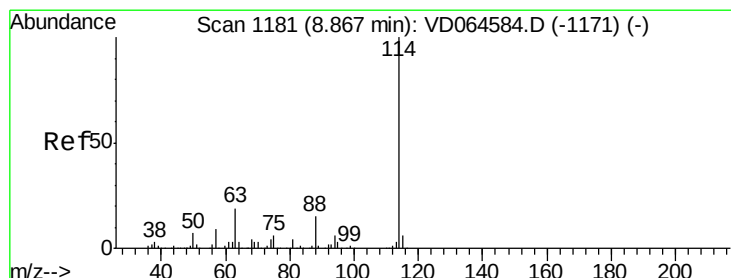
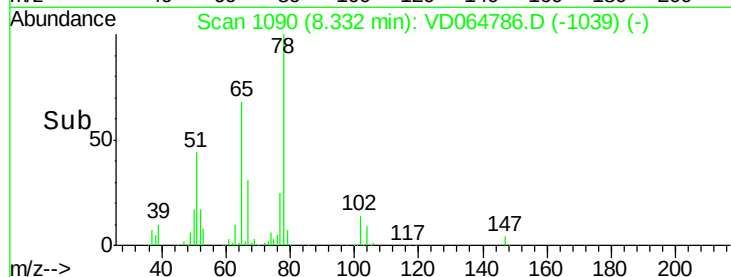
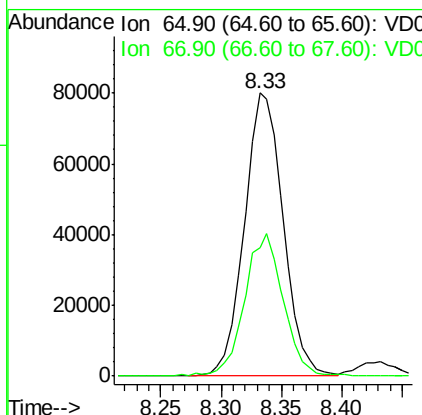
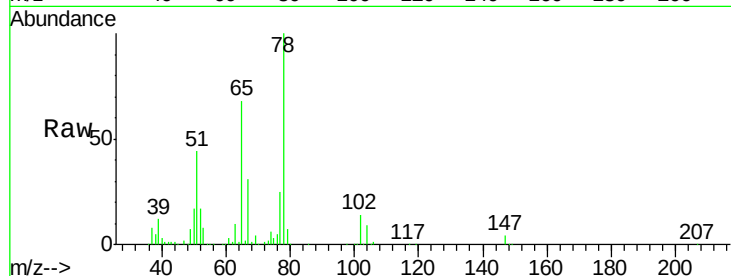
#33
 1,2-Dichloroethane-d4
 Concen: 57.962 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	179562		
67	50.2	0.0	106.2	

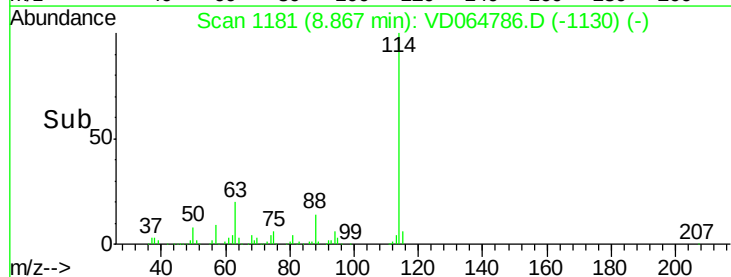
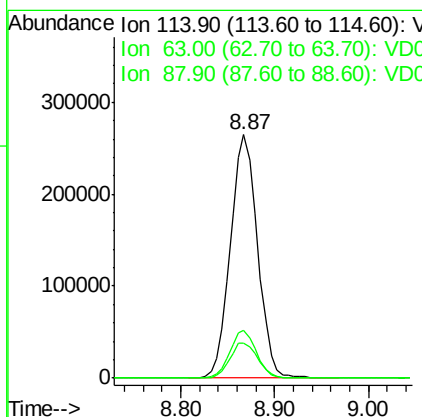
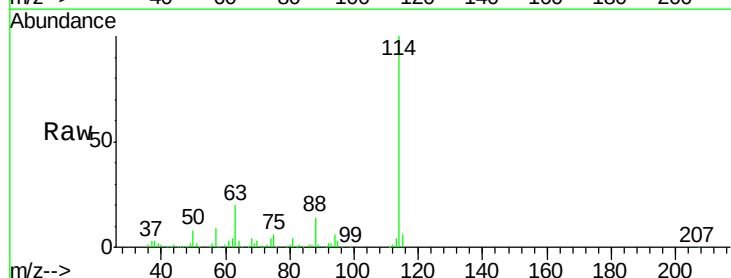
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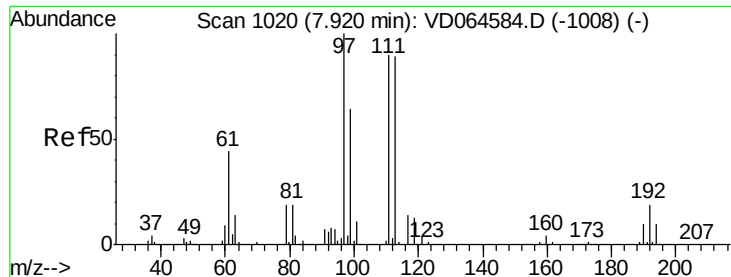
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	529840		
63	19.7	0.0	38.0	
88	14.4	0.0	29.2	





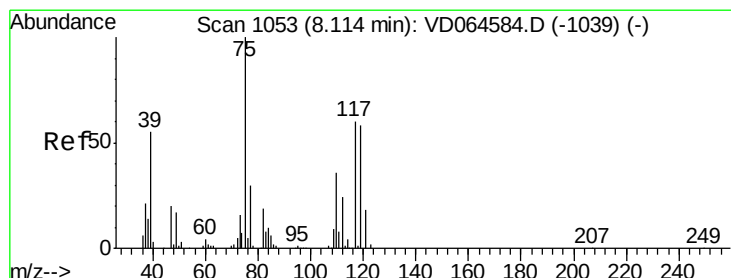
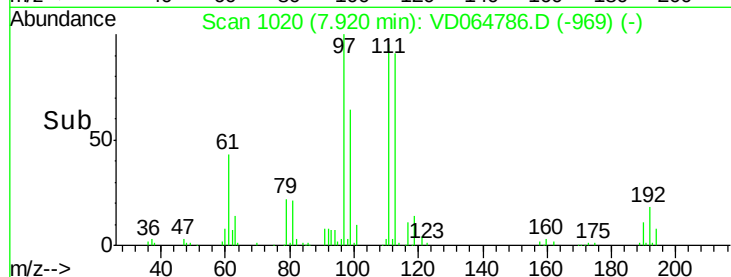
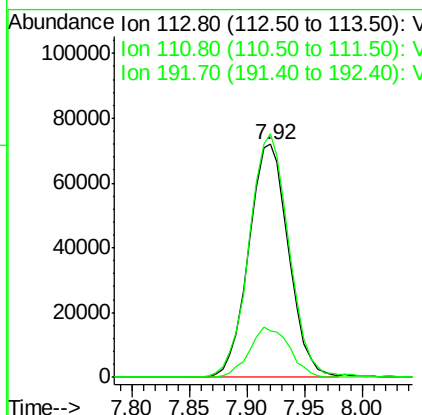
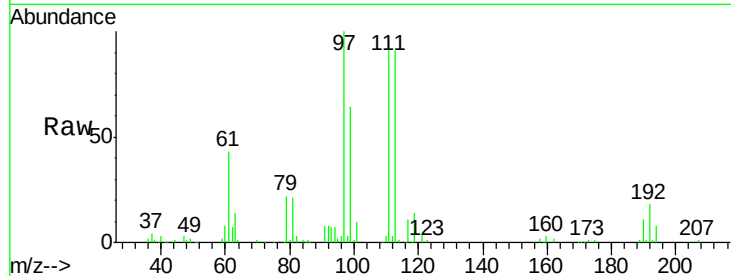
#35
 Dibromofluoromethane
 Concen: 53.283 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	173206		
111	104.8	80.6	121.0	
192	21.8	17.9	26.9	

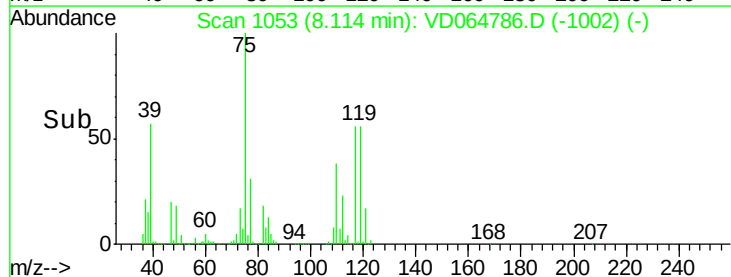
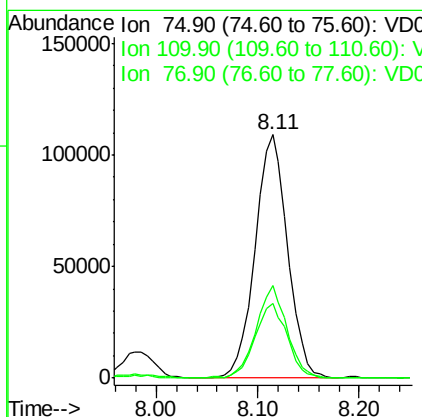
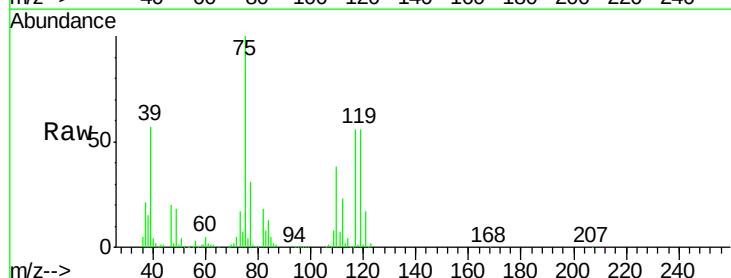
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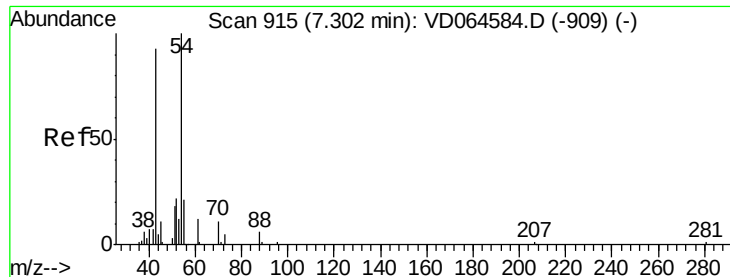
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#36
 1,1-Dichloropropene
 Concen: 48.028 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	244929		
110	35.9	18.1	54.1	
77	30.5	24.2	36.4	





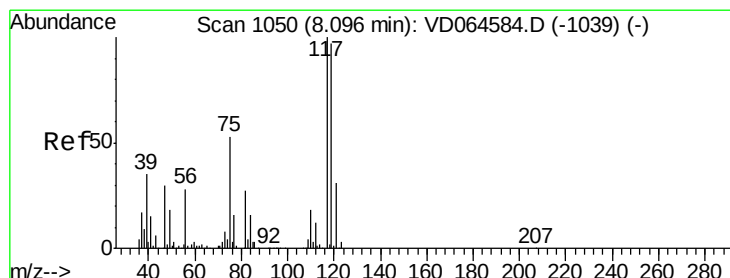
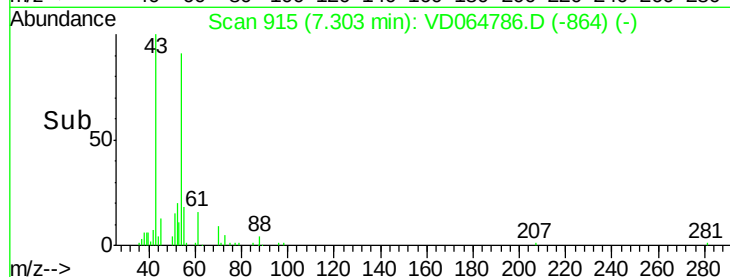
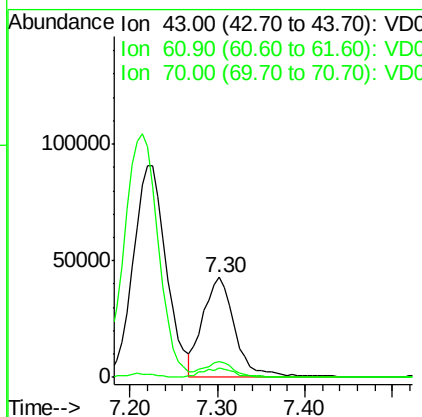
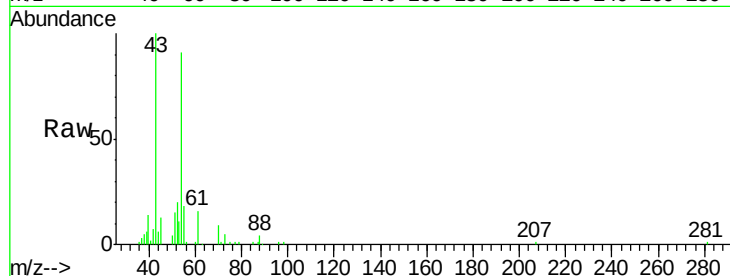
#37
Ethyl Acetate
Concen: 54.006 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.3	15.5
70	9.1	7.6	11.4

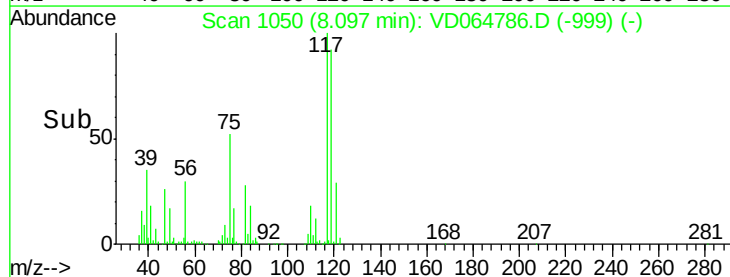
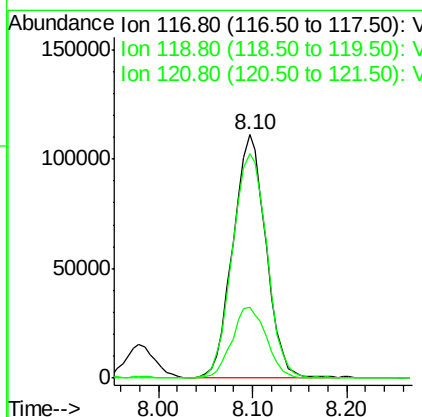
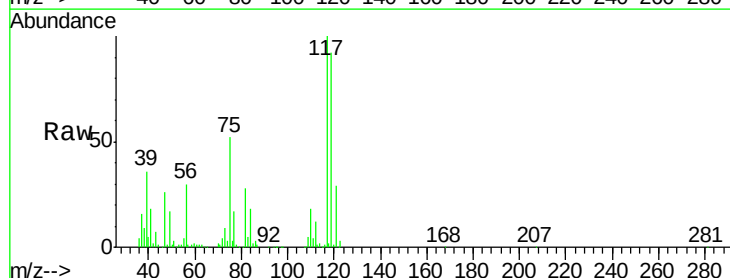
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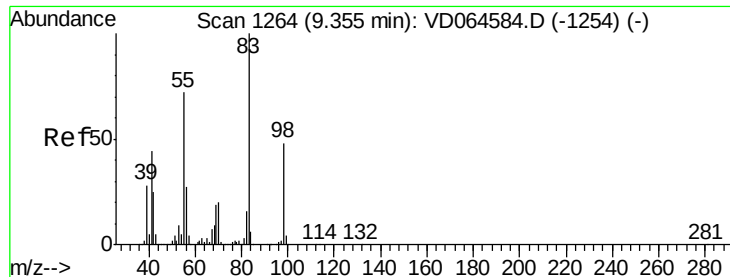
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#38
Carbon Tetrachloride
Concen: 49.742 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.3	115.9
121	29.2	25.0	37.6





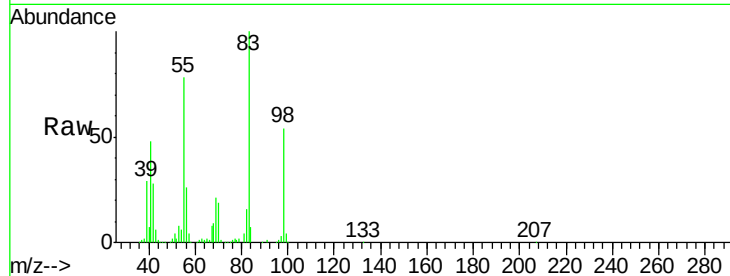
#39
Methylcyclohexane
Concen: 46.026 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

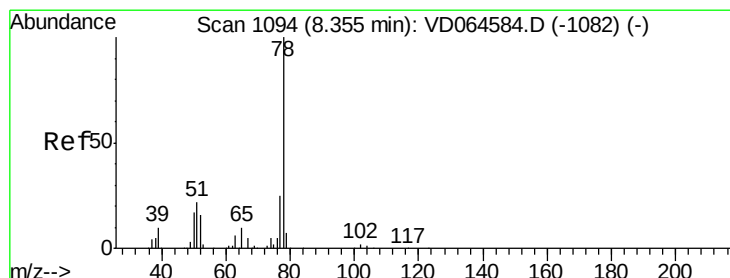
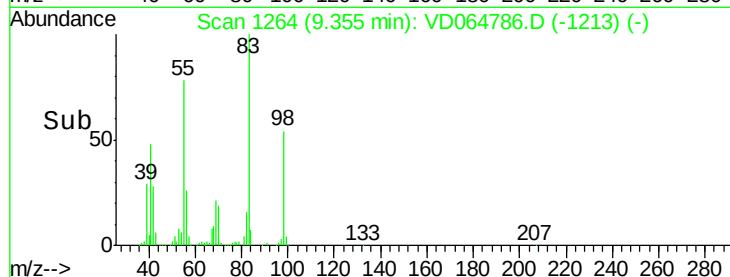
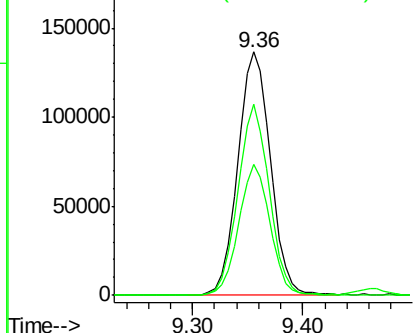
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.4	57.8	86.6
98	53.7	38.7	58.1

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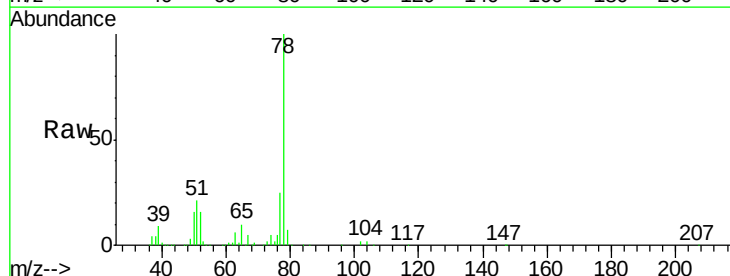


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

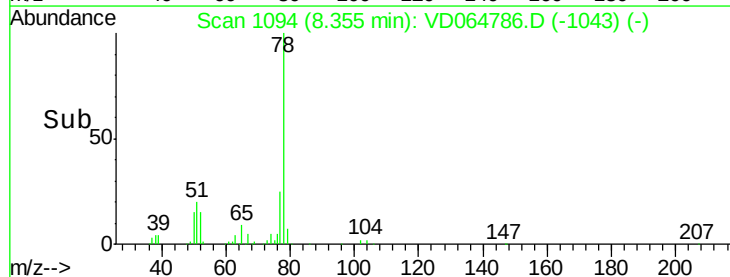
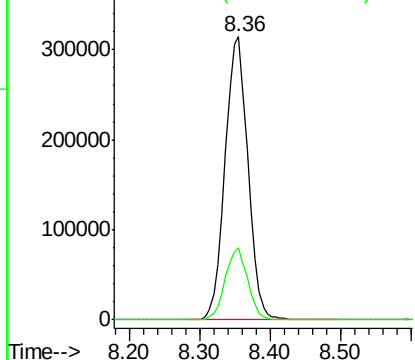


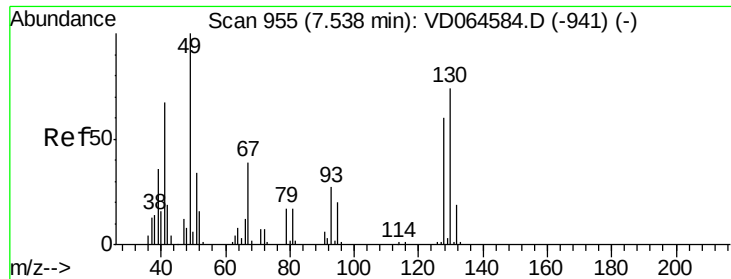
#40
Benzene
Concen: 50.880 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.9	29.9



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





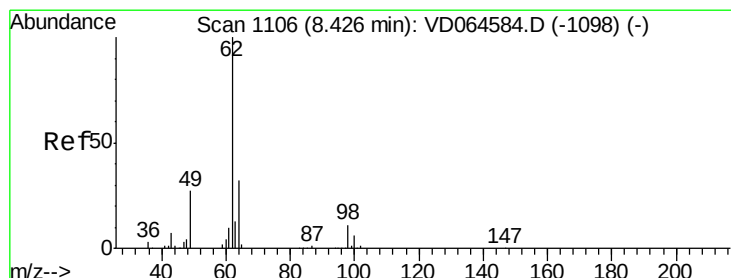
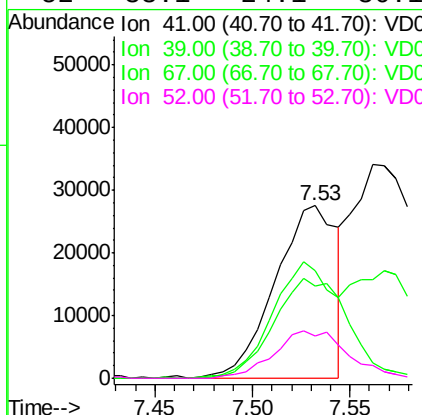
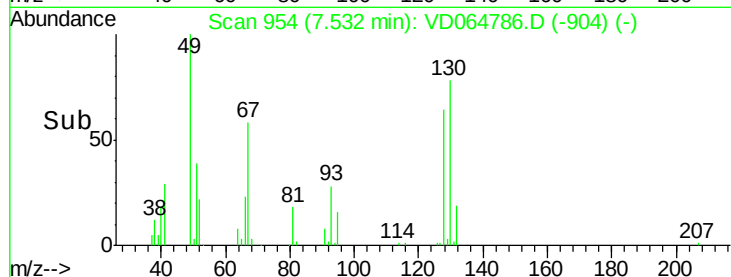
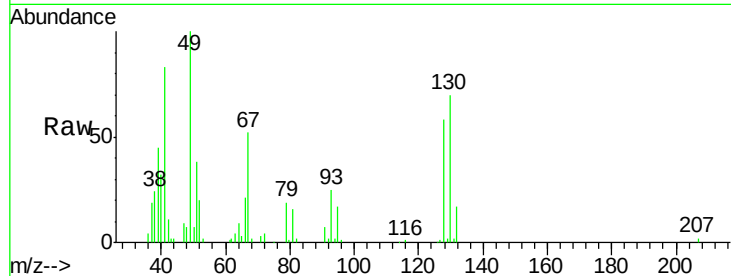
#41
Methacrylonitrile
Concen: 52.078 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	60535
Ion	Ratio	Lower	Upper
41	100		
39	58.1	46.7	70.1
67	76.8	52.5	78.7
52	33.1	24.1	36.1

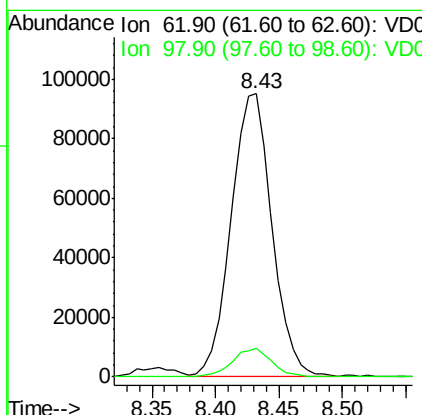
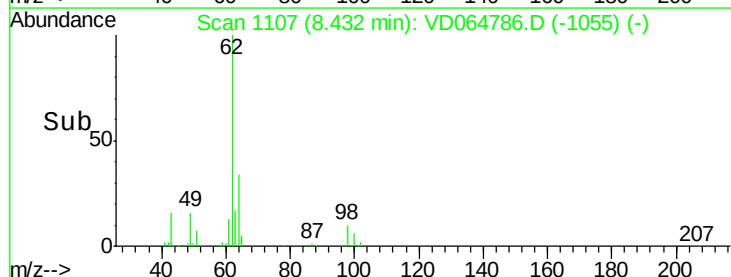
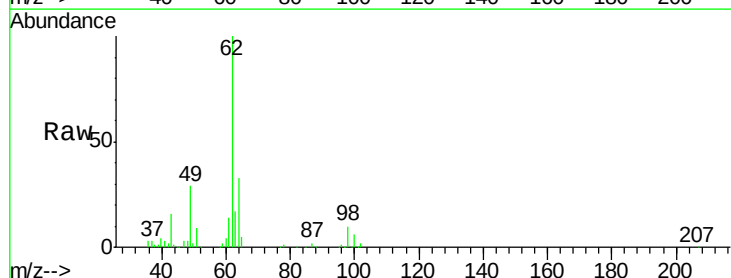
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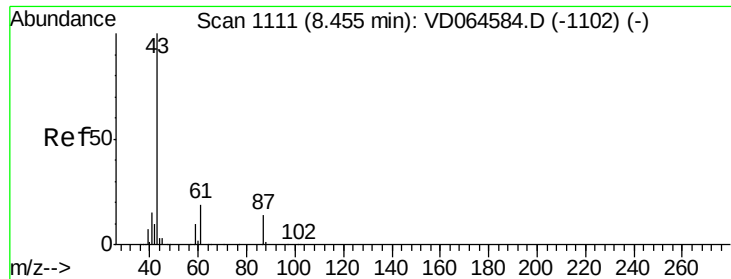
apatel
1/7/2020 10:25:32 AM



#42
1,2-Dichloroethane
Concen: 52.579 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion:	62	Resp:	211526
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 53.287 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

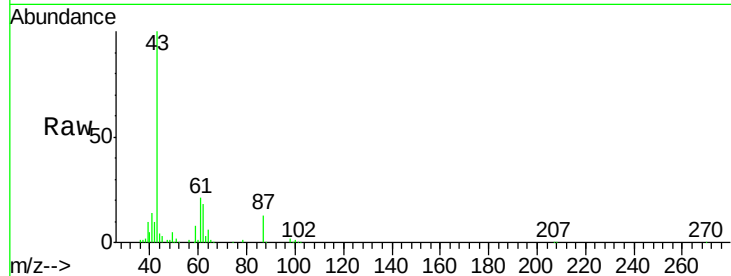
ClientSampleId :

VSTDCCC050EC

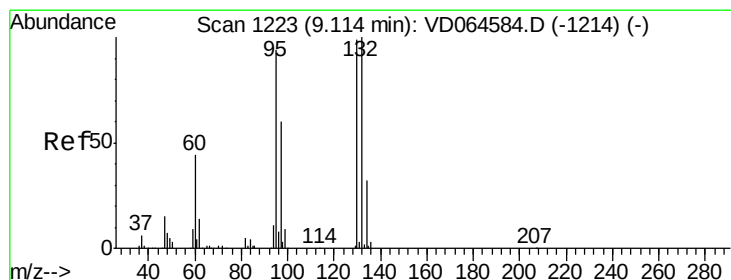
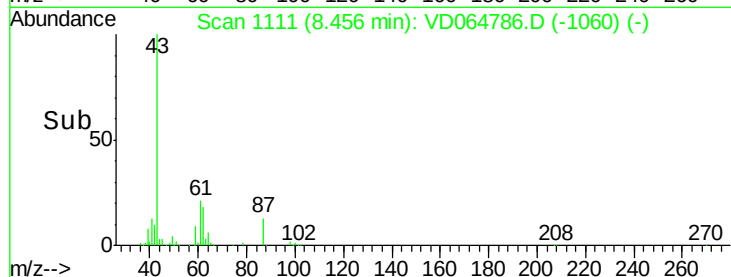
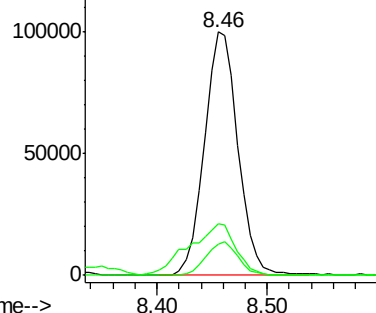
Tgt Ion:	43	Resp:	212488
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.7	35.5
87	13.1	10.5	15.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.661 ug/l

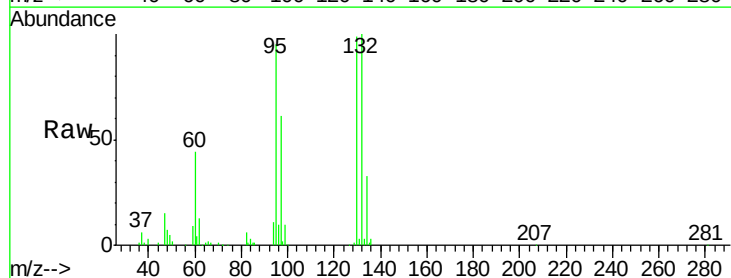
RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

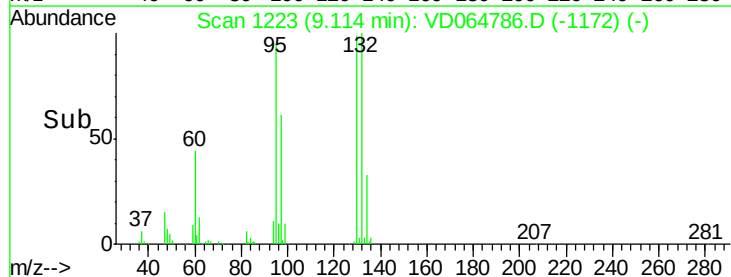
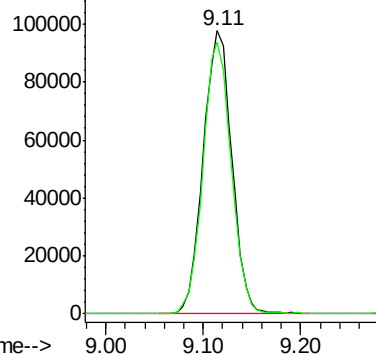
Lab File: VD064786.D

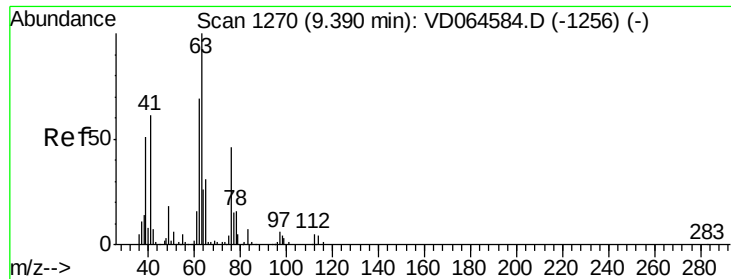
Acq: 06 Jan 2020 21:29

Tgt Ion:	130	Resp:	199011
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	190.2



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





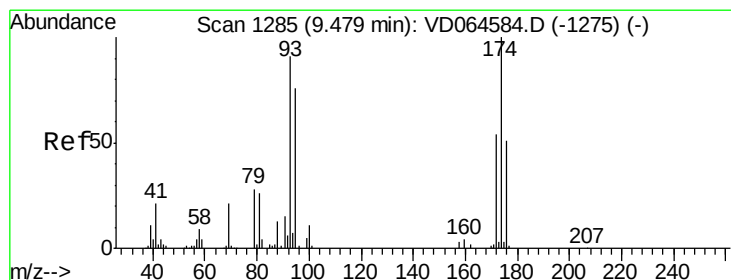
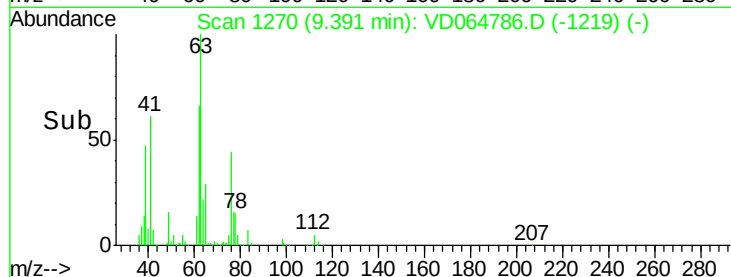
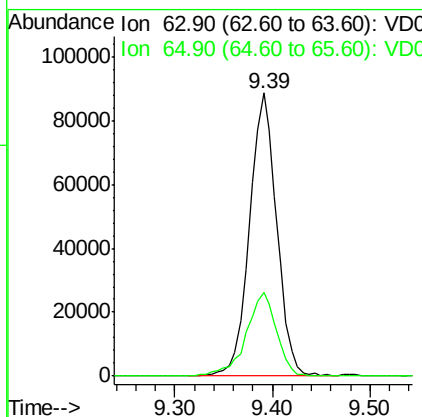
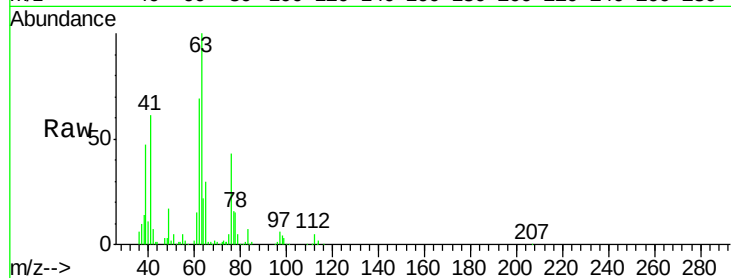
#45
 1,2-Dichloropropane
 Concen: 52.249 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 173675
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.2 37.8

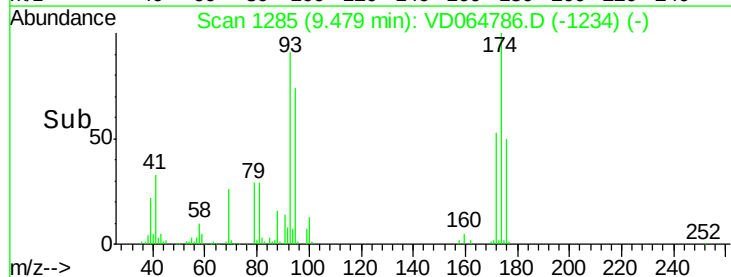
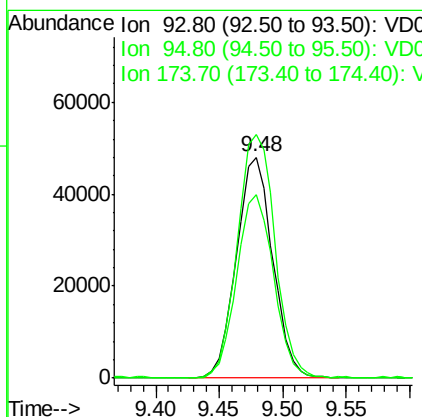
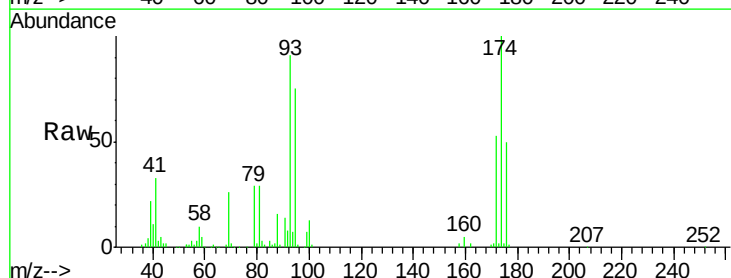
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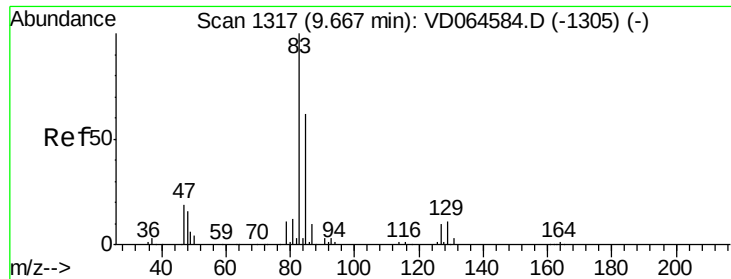
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#46
 Dibromomethane
 Concen: 51.497 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion: 93 Resp: 95435
 Ion Ratio Lower Upper
 93 100
 95 84.6 64.6 97.0
 174 114.9 88.1 132.1





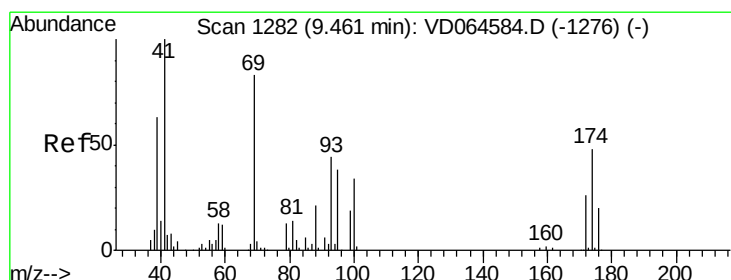
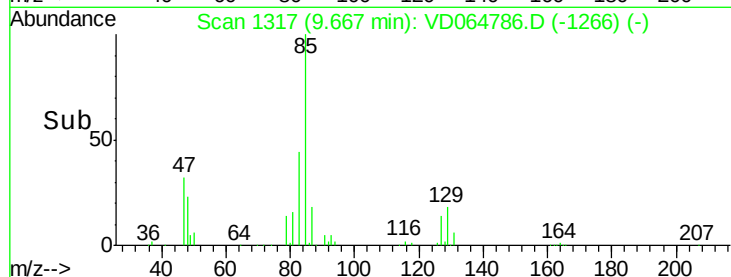
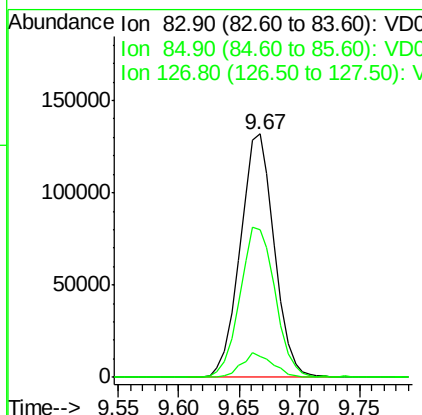
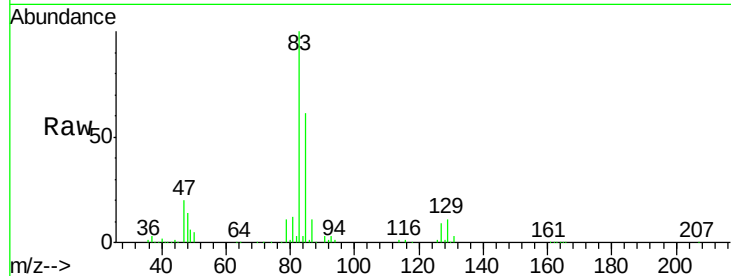
#47
Bromodichloromethane
Concen: 52.579 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	259287		
85	60.6	49.5	74.3	
127	8.5	7.8	11.6	

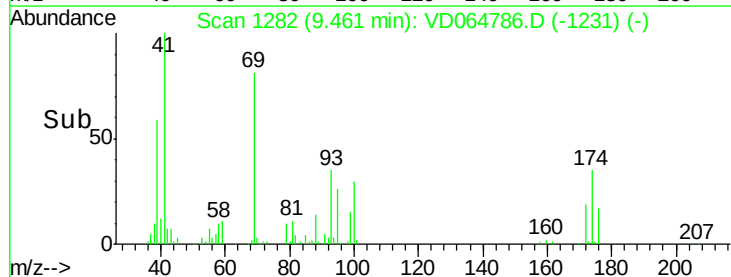
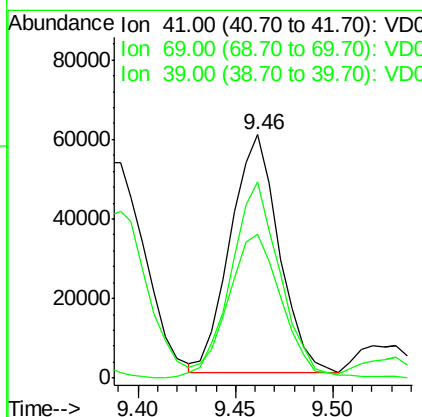
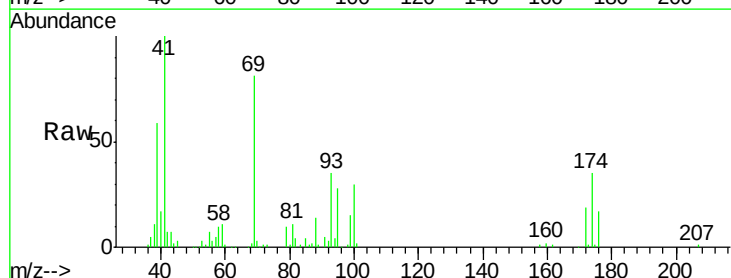
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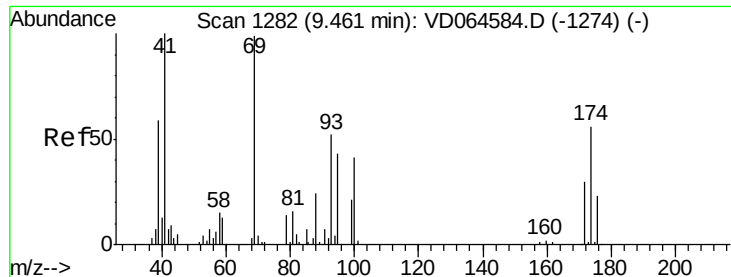
apatel
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#48
Methyl methacrylate
Concen: 54.703 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	102711		
69	84.3	63.0	94.6	
39	61.6	47.4	71.2	





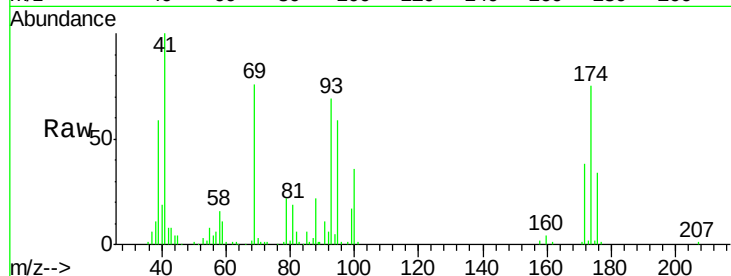
#49
1,4-Dioxane
Concen: 1048.203 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	22399		
43	41.8	27.7	41.5#	
58	69.5	53.8	80.6	

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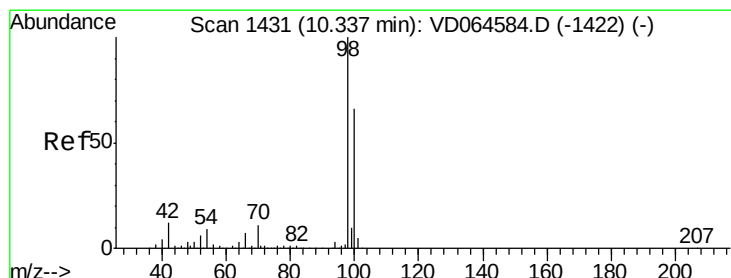
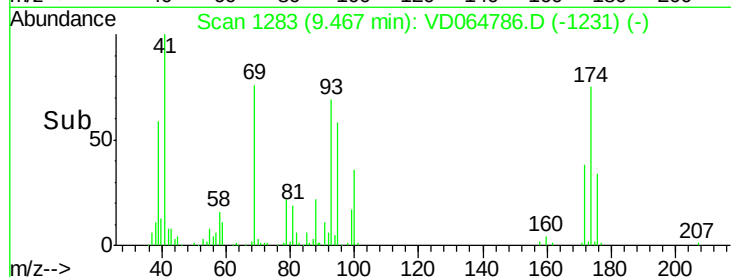
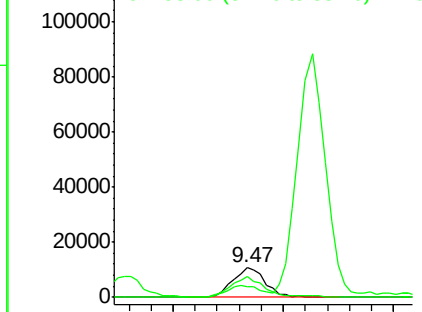


Abundance

Ion 88.00 (87.70 to 88.70): VDC

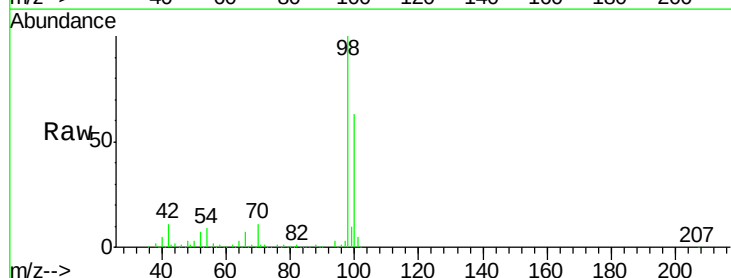
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 53.230 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

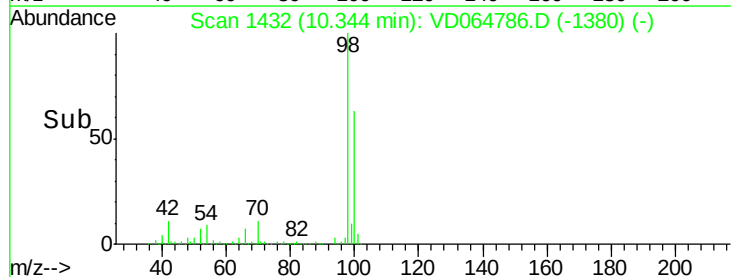
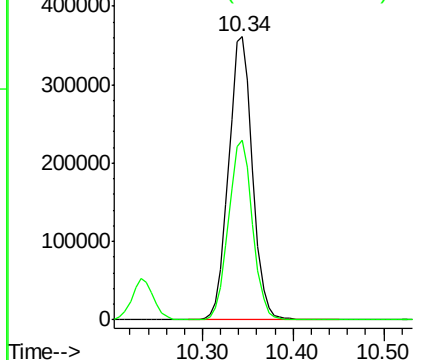
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	662691		
100	63.7	51.7	77.5	

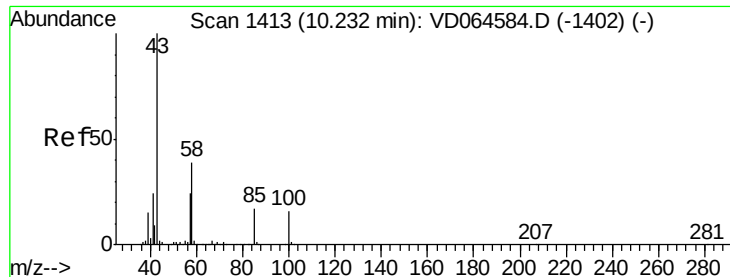


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





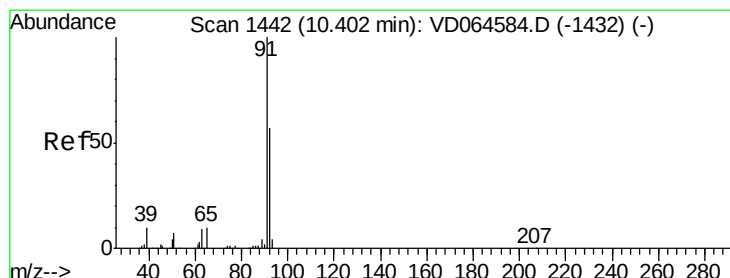
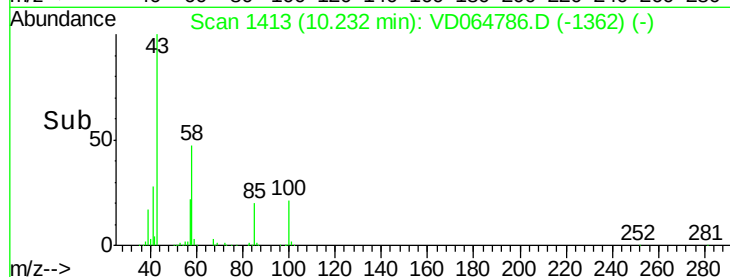
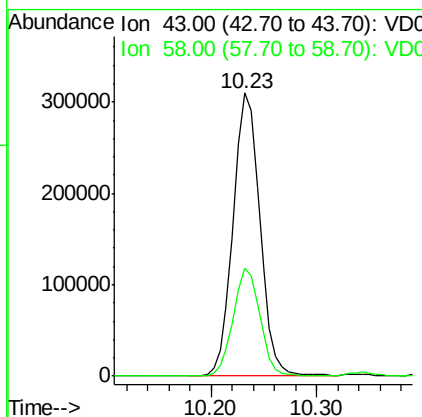
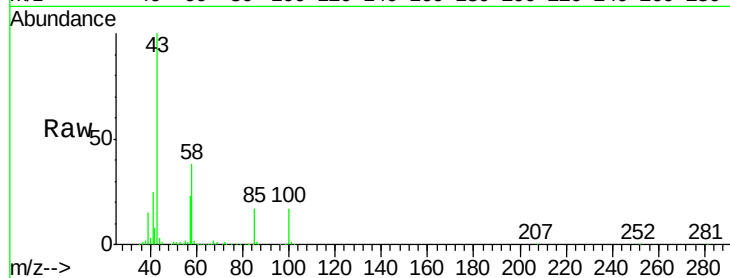
#51
4-Methyl-2-Pentanone
Concen: 276.708 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 545393
Ion Ratio Lower Upper
43 100
58 38.0 30.2 45.2

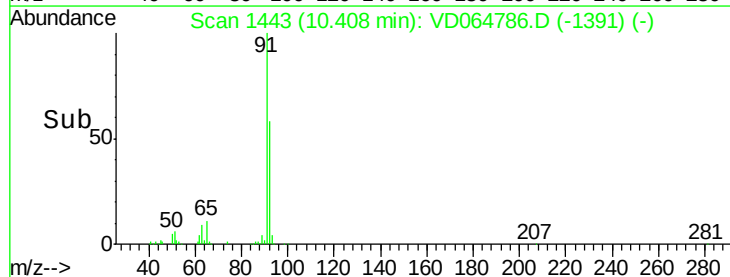
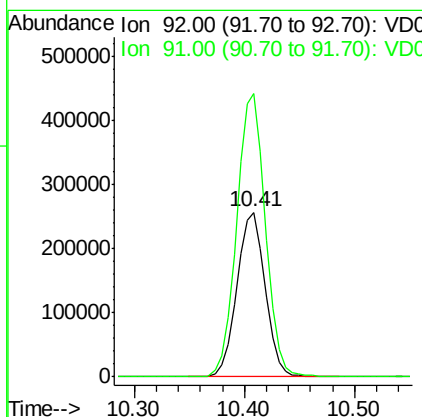
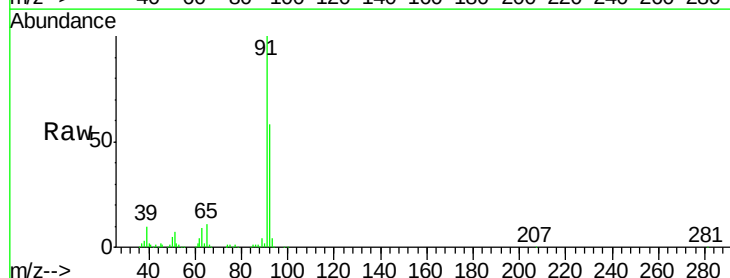
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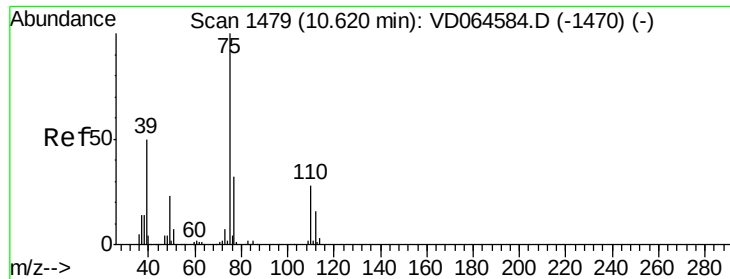
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#52
Toluene
Concen: 50.555 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion: 92 Resp: 461749
Ion Ratio Lower Upper
92 100
91 174.4 138.7 208.1





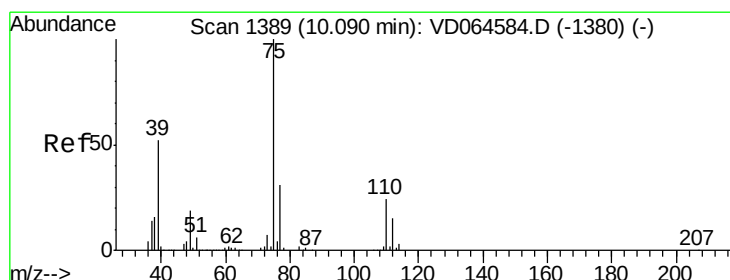
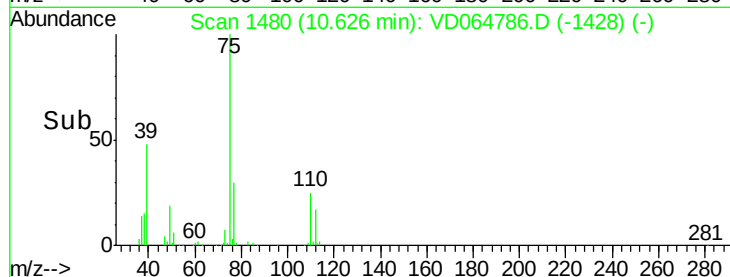
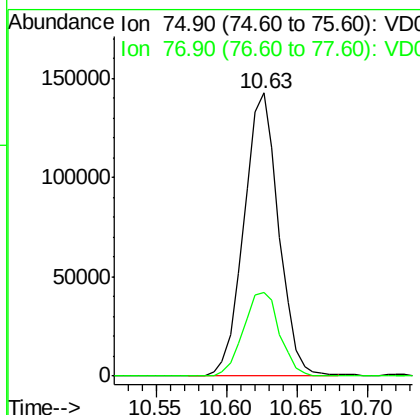
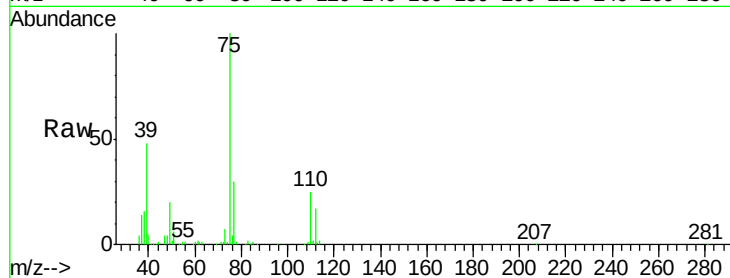
#53
t-1,3-Dichloropropene
Concen: 53.452 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 245751
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2

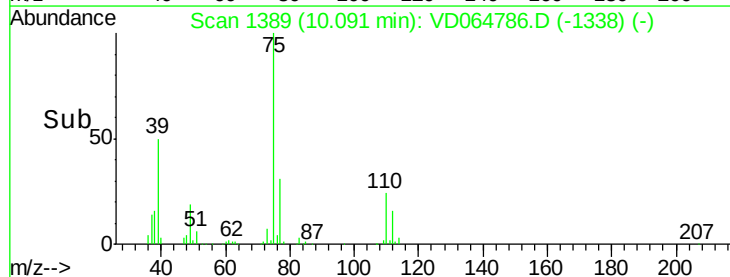
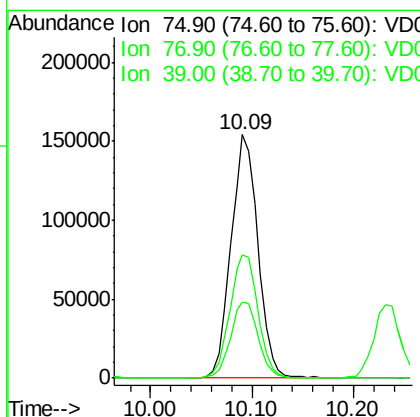
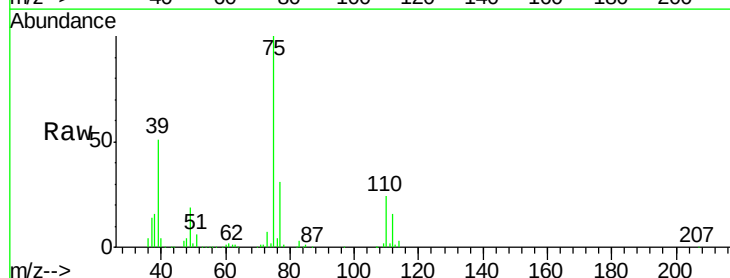
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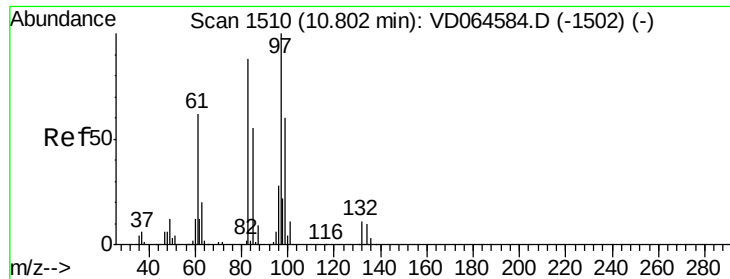
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#54
cis-1,3-Dichloropropene
Concen: 52.249 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion: 75 Resp: 283255
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 50.5 41.4 62.2





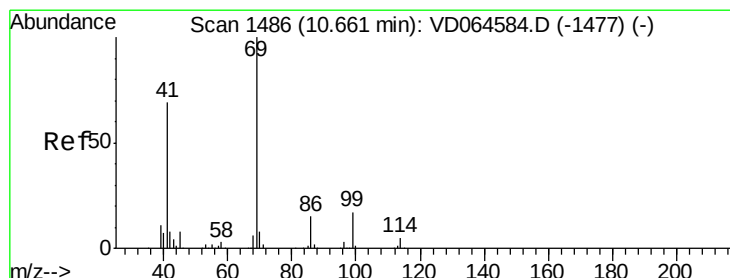
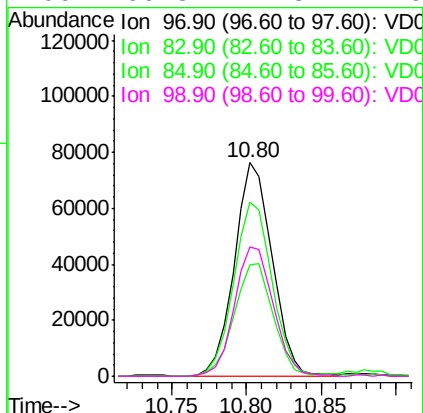
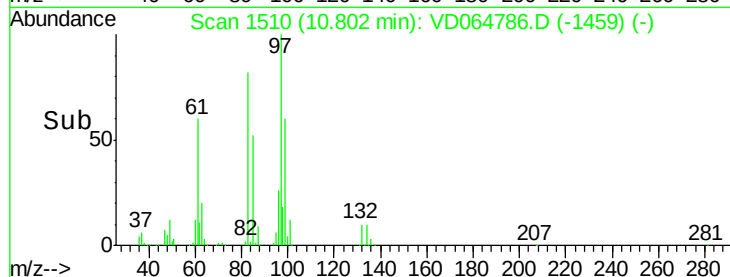
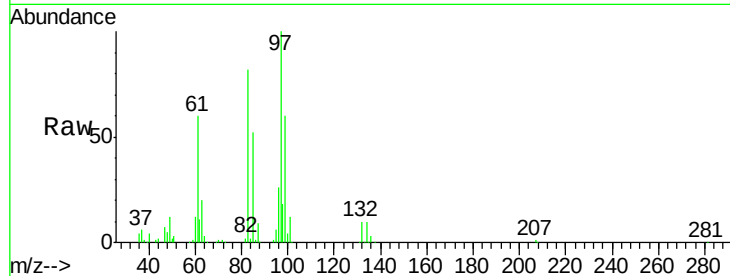
#55
 1,1,2-Trichloroethane
 Concen: 53.779 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	70.2	105.4
85	52.0	44.0	66.0
99	60.3	47.8	71.6

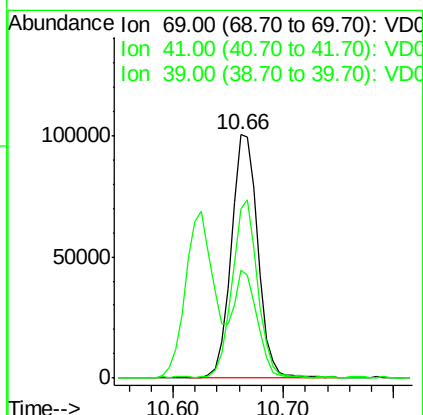
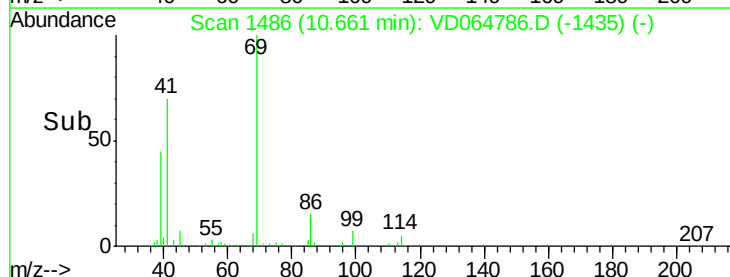
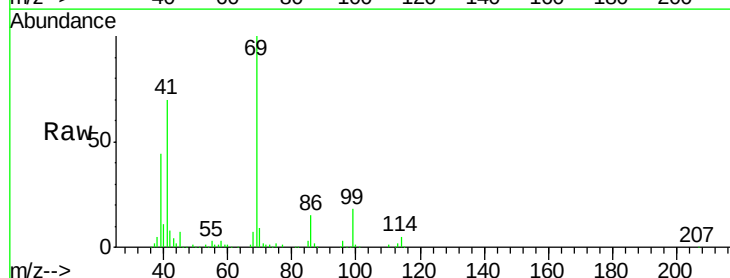
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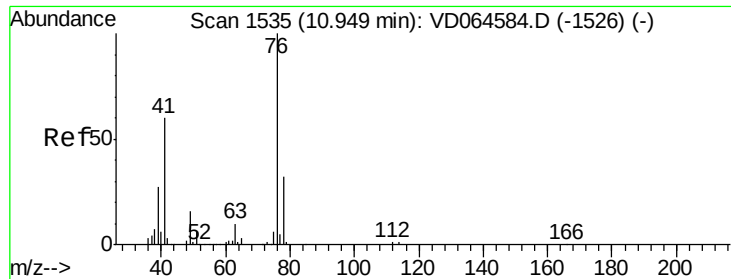
apatel
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#56
 Ethyl methacrylate
 Concen: 54.558 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.3	82.9
39	37.4	33.8	50.8





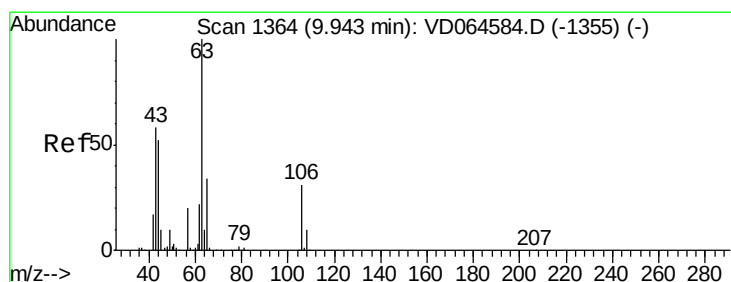
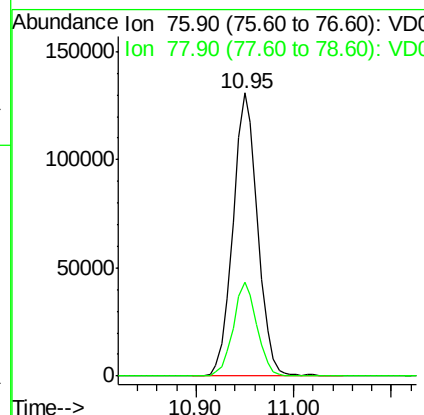
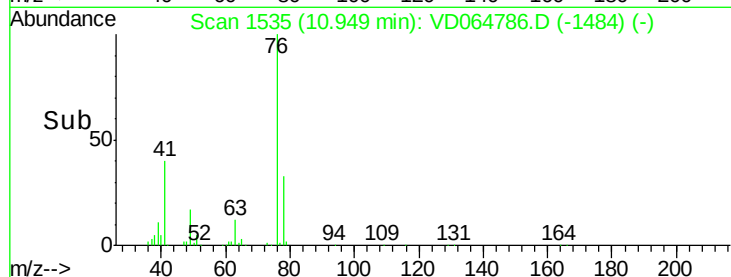
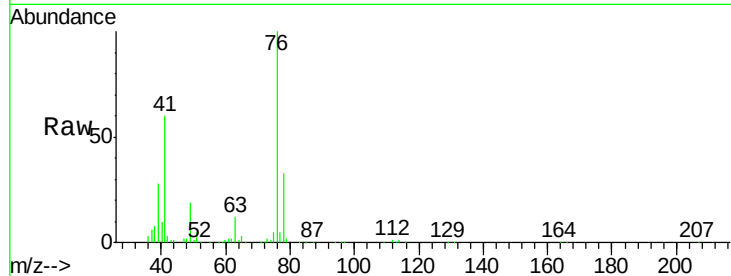
#57
 1,3-Dichloropropane
 Concen: 53.057 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 228159
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4

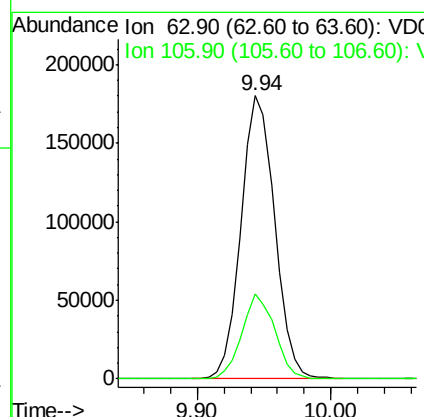
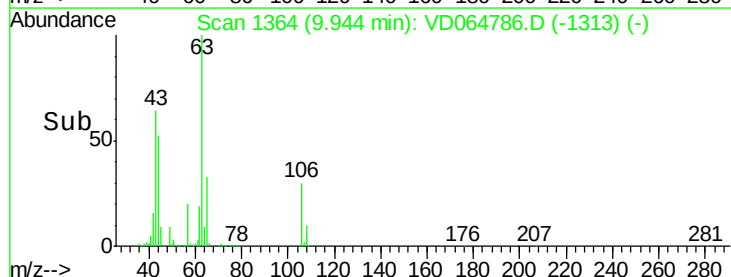
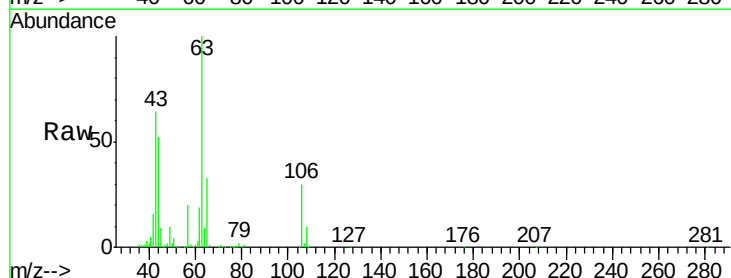
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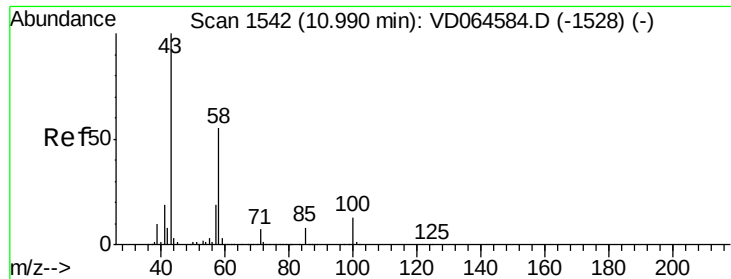
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.440 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion: 63 Resp: 315436
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.8





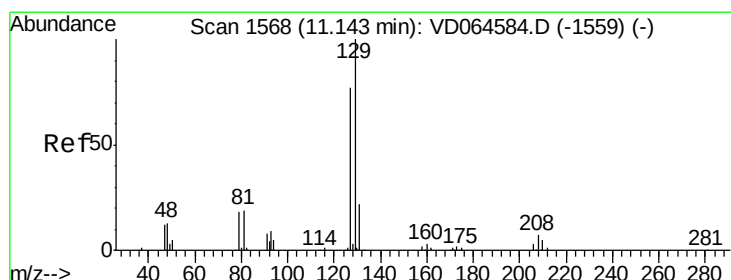
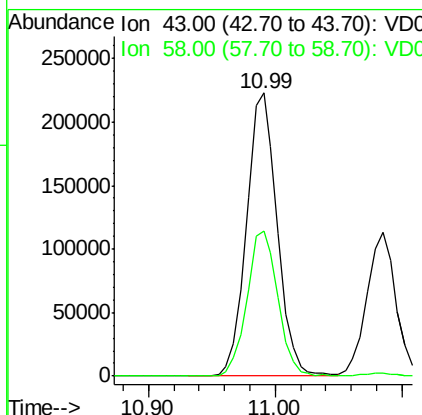
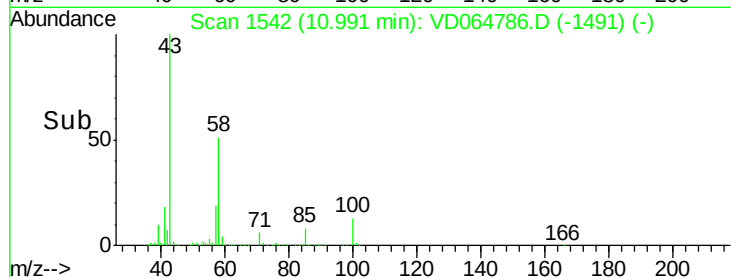
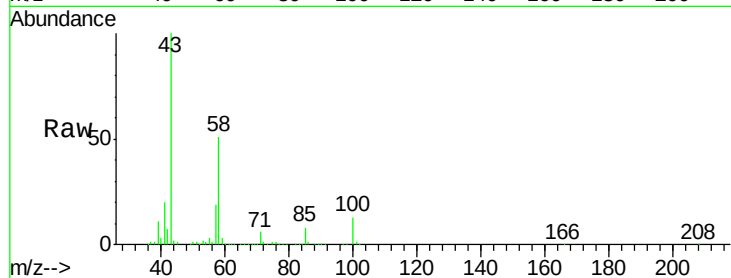
#59
2-Hexanone
Concen: 280.475 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 375209
Ion Ratio Lower Upper
43 100
58 51.7 26.4 79.0

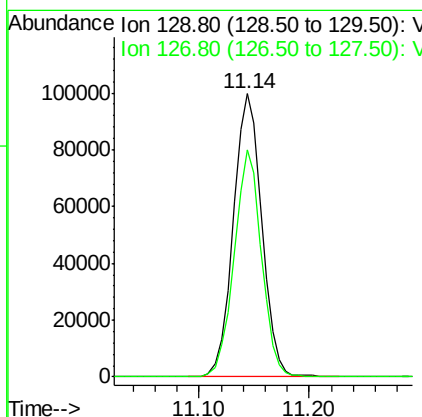
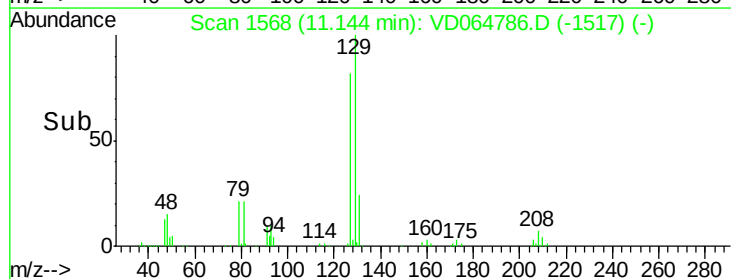
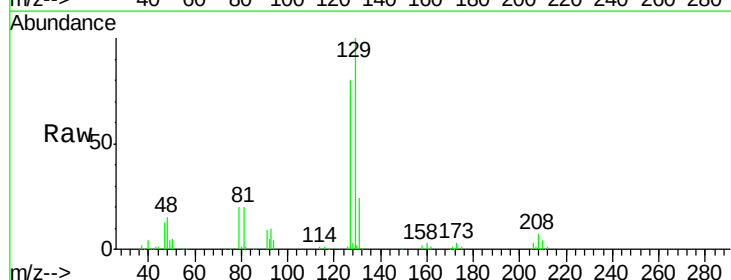
Manual Integrations
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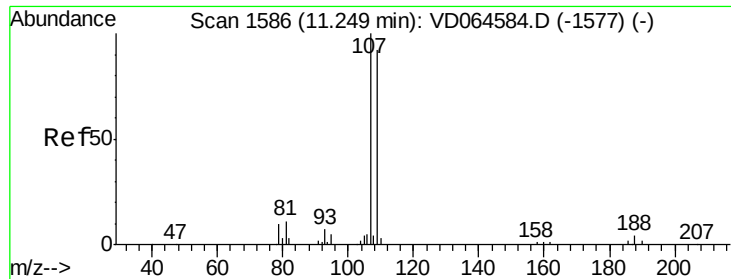
apatel
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#60
Dibromochloromethane
Concen: 52.288 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion: 129 Resp: 180591
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





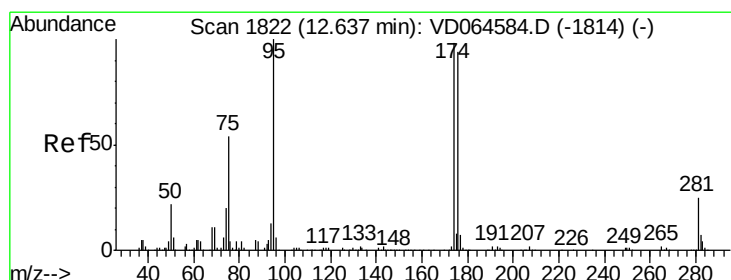
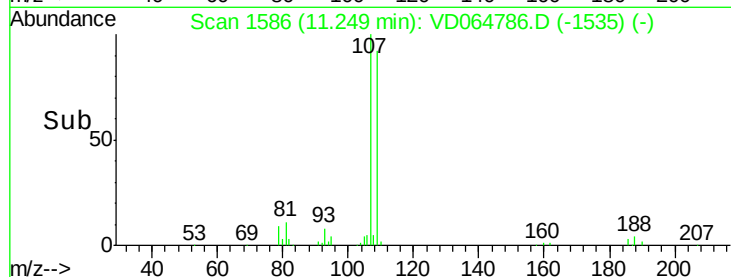
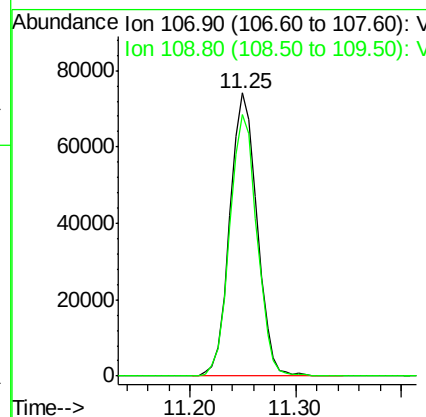
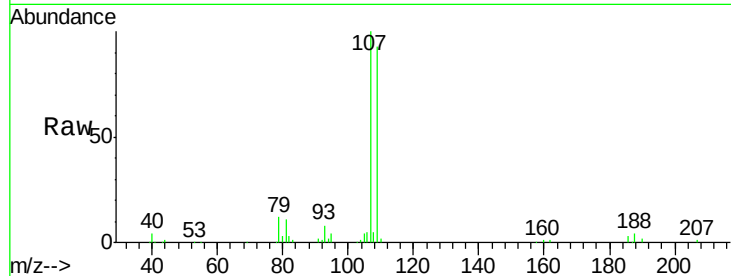
#61
 1,2-Dibromoethane
 Concen: 53.336 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 131387
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.6 113.4

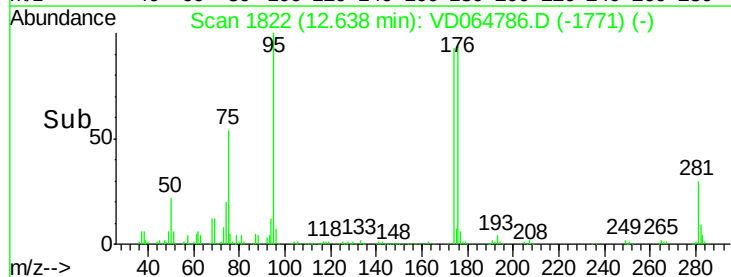
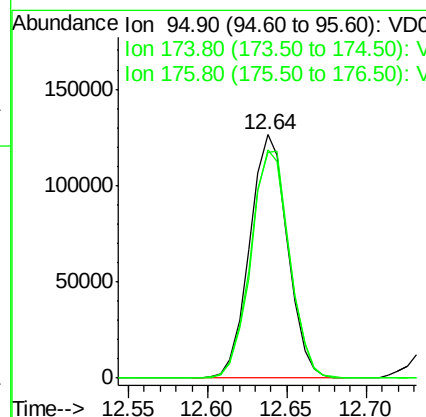
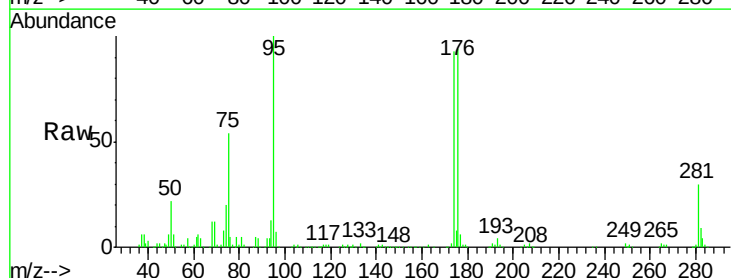
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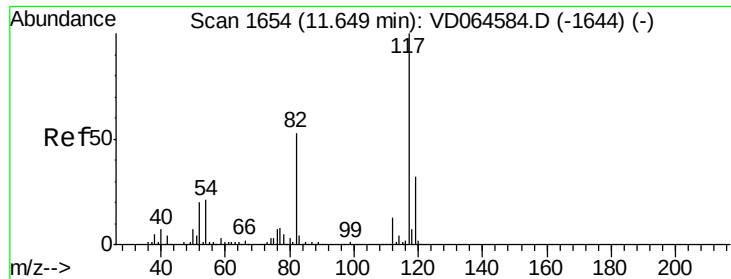
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#62
 4-Bromofluorobenzene
 Concen: 53.275 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion: 95 Resp: 209730
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 193.2
 176 94.5 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

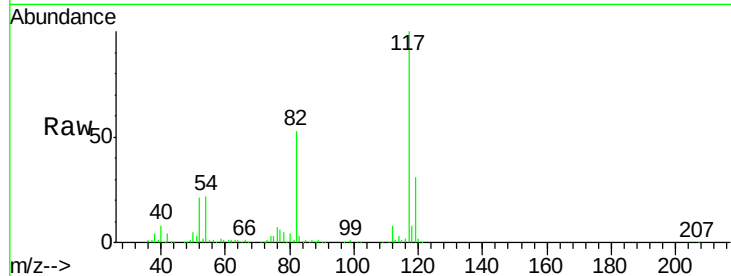
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	117	Resp:	481021
Ion Ratio	Lower	Upper	
117	100		
82	53.4	42.2	63.4
119	31.5	26.0	39.0

Manual Integrations
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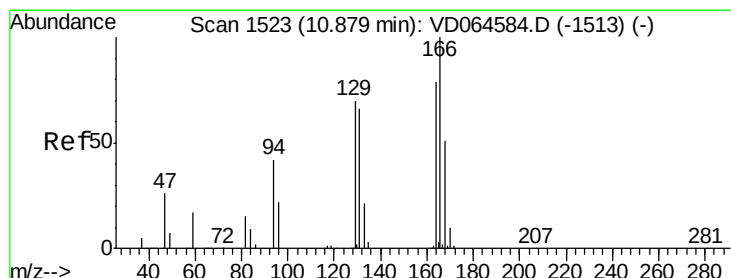
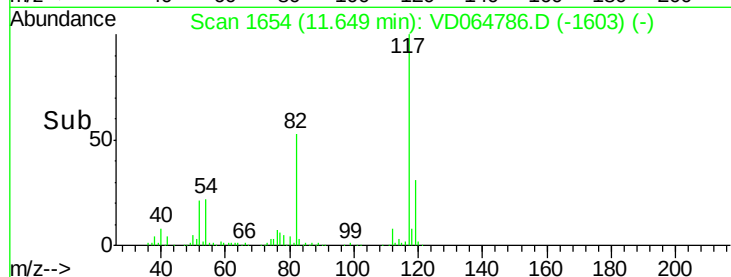
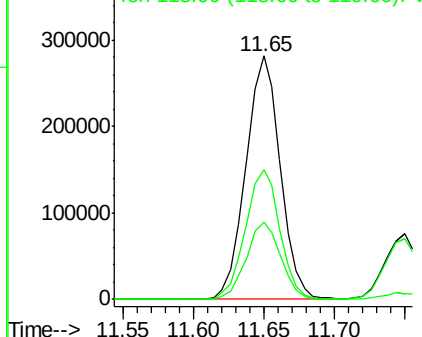
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.952 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

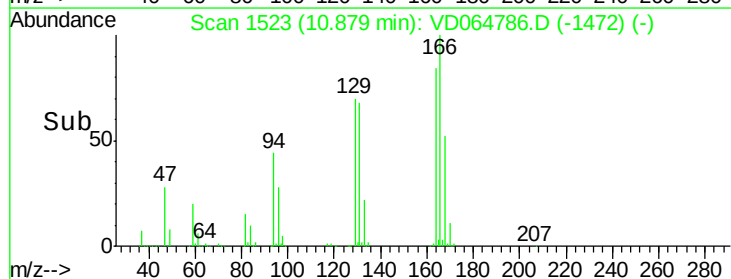
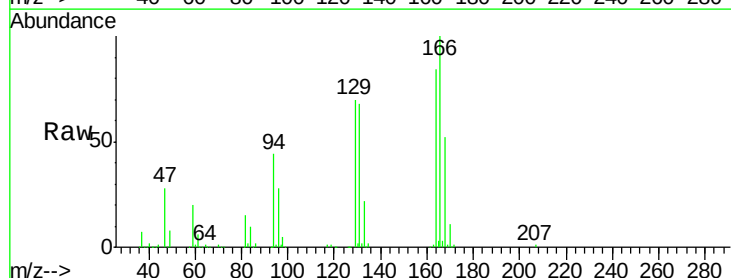
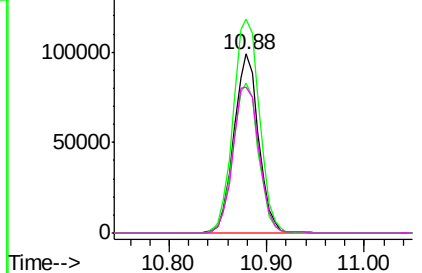
Tgt Ion:	164	Resp:	173268
Ion Ratio	Lower	Upper	
164	100		
166	119.2	101.3	151.9
129	83.7	70.5	105.7
131	81.6	66.6	99.8

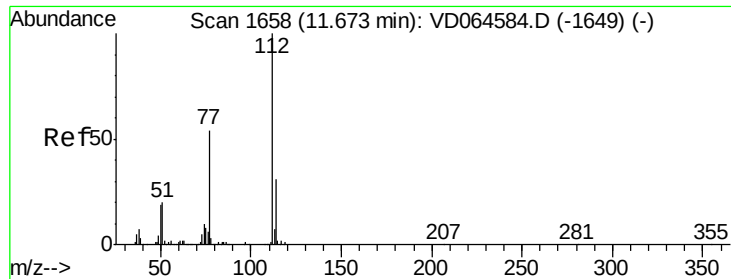
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





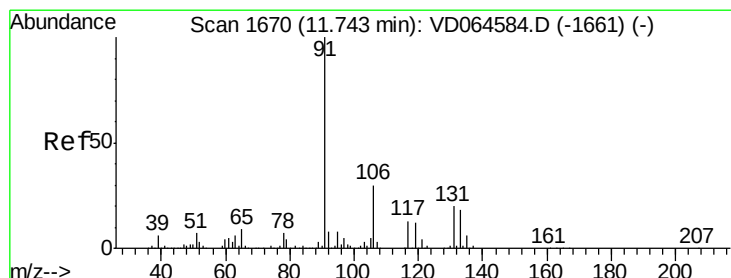
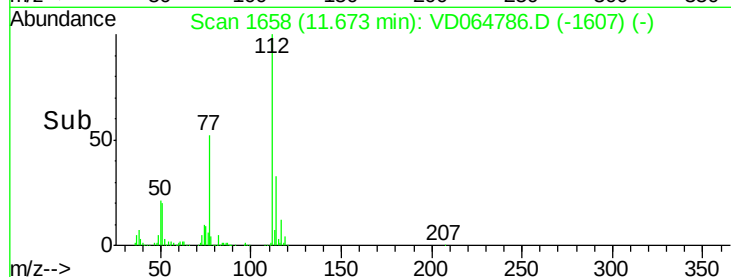
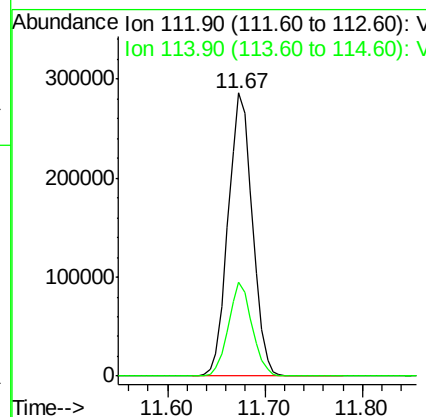
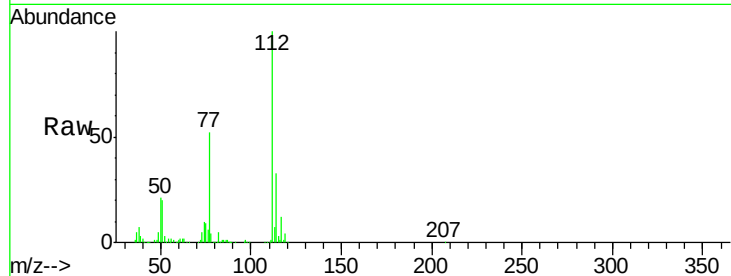
#65
Chlorobenzene
Concen: 49.327 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	492459		
114	33.2	24.8	37.2	

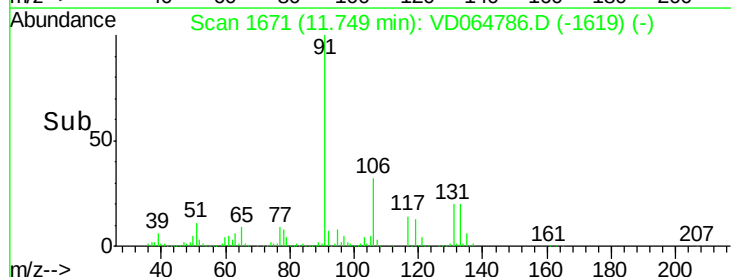
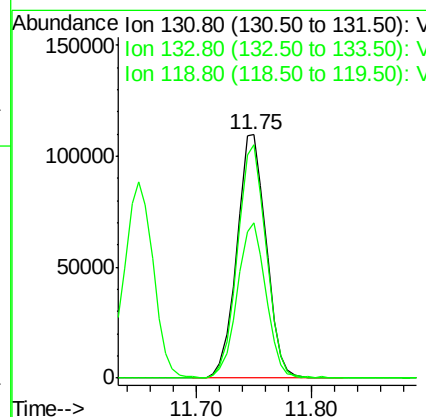
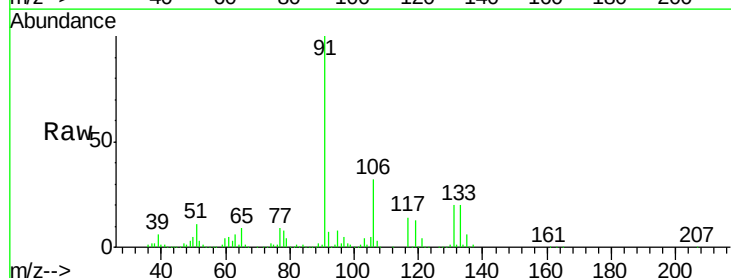
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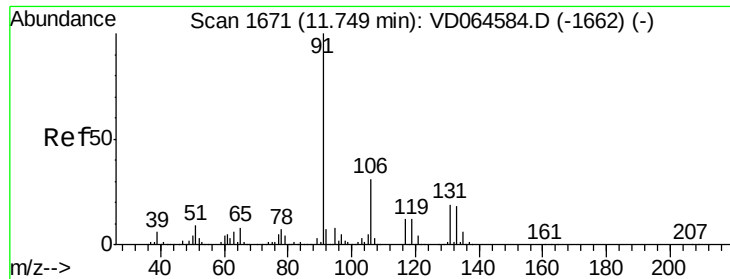
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.209 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	192733		
133	94.0	48.3	144.8	
119	62.9	32.1	96.3	





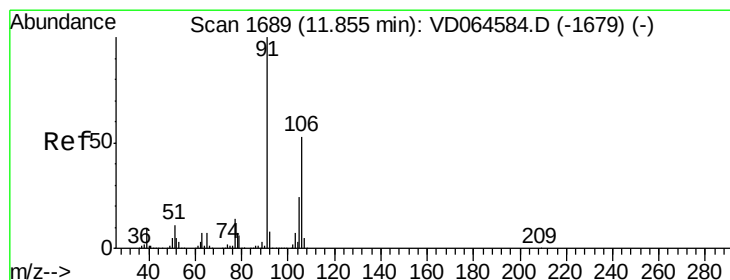
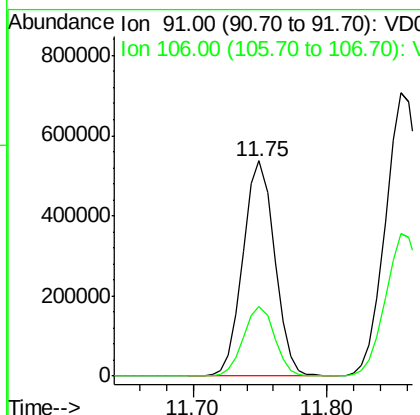
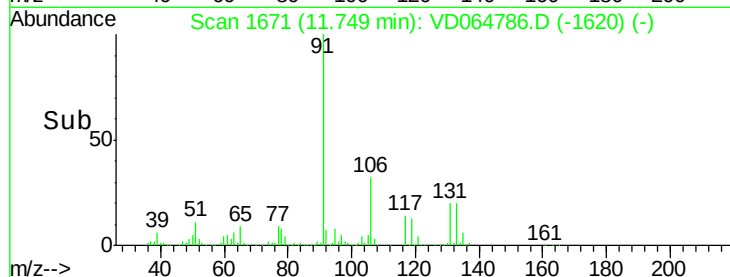
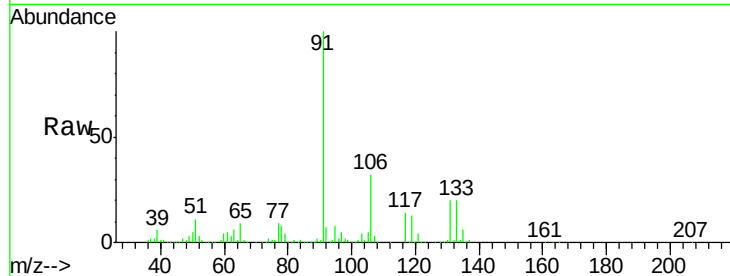
#67
Ethyl Benzene
 Concen: 48.871 ug/l
 RT: 11.75 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 885582
 Ion Ratio Lower Upper
 91 100
 106 32.4 24.6 36.8

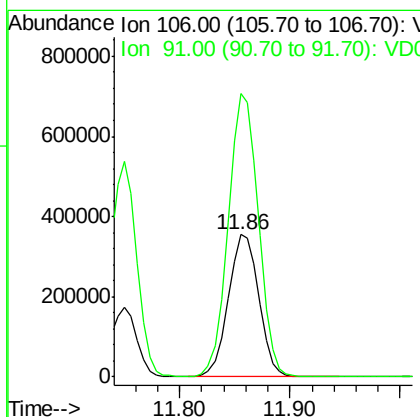
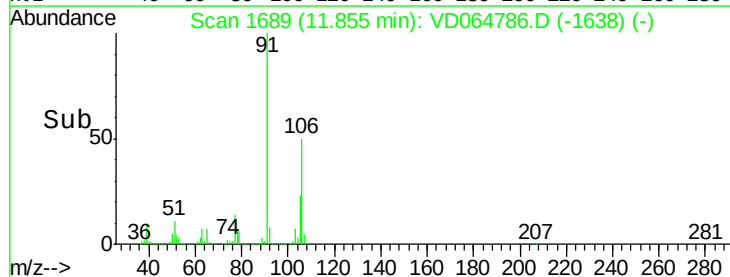
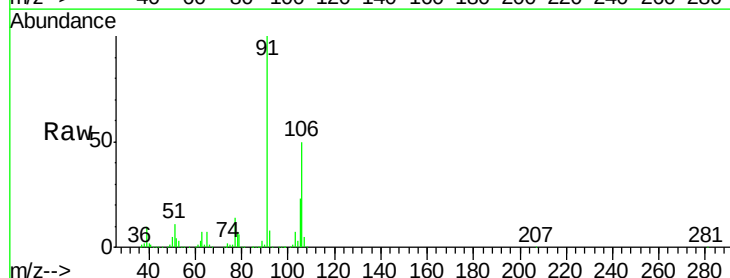
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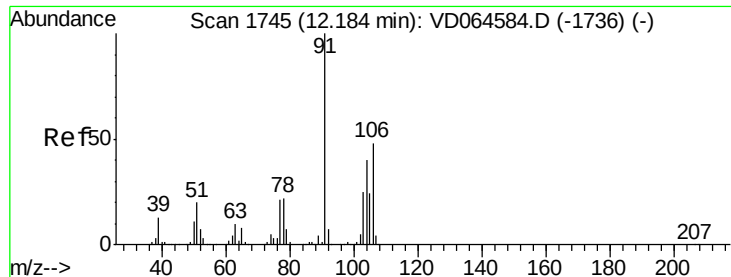
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#68
m/p-Xylenes
 Concen: 98.521 ug/l
 RT: 11.86 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion: 106 Resp: 689074
 Ion Ratio Lower Upper
 106 100
 91 196.7 156.3 234.5





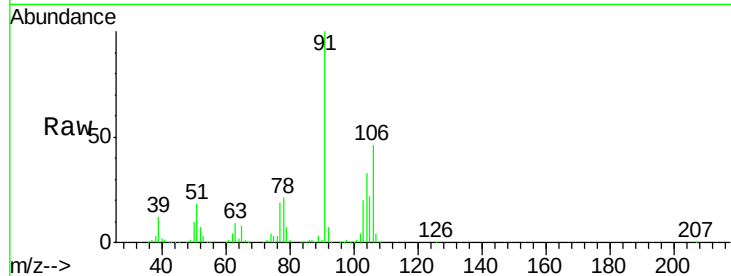
#69
o-Xylene
Concen: 49.353 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

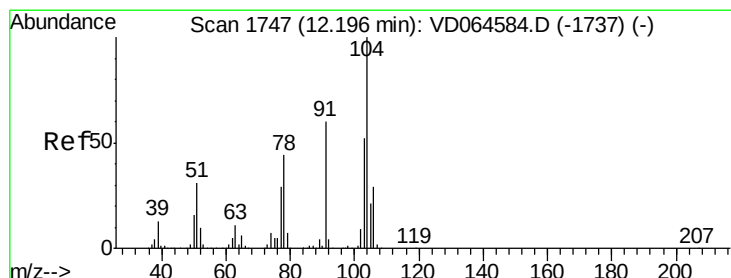
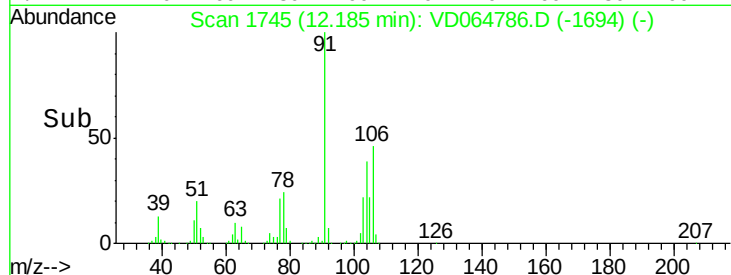
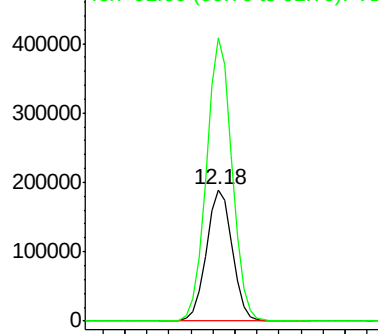
Tgt Ion:106 Resp: 311789
Ion Ratio Lower Upper
106 100
91 213.0 104.8 314.4

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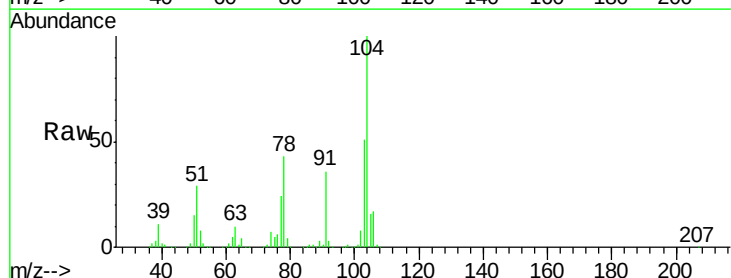


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

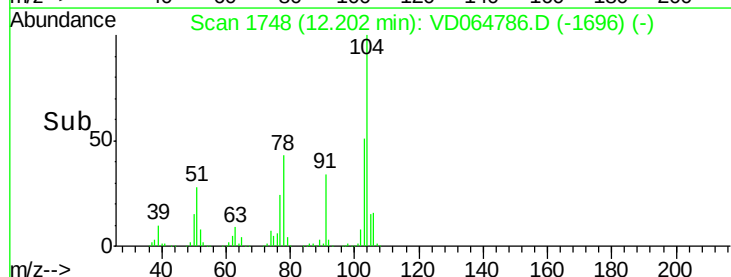
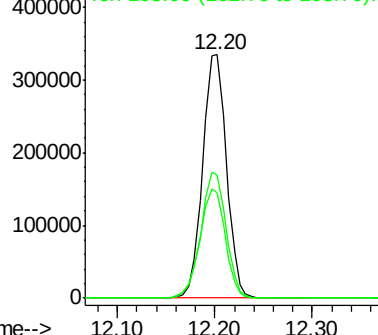


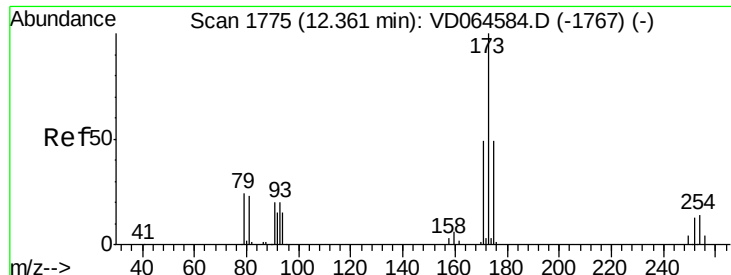
#70
Styrene
Concen: 51.293 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion:104 Resp: 568789
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.2
103 54.3 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.954 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 111510

Ion Ratio Lower Upper

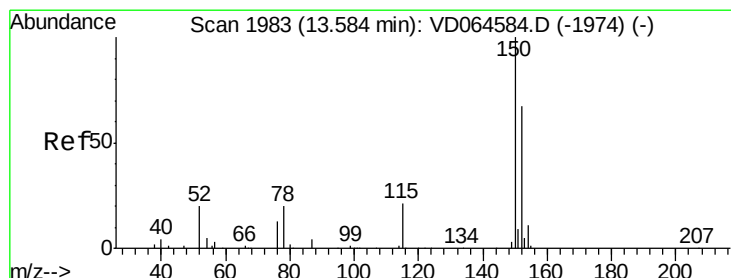
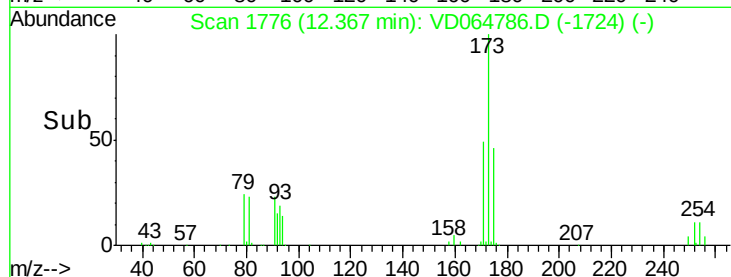
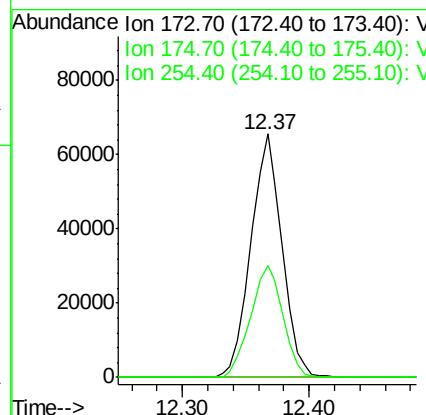
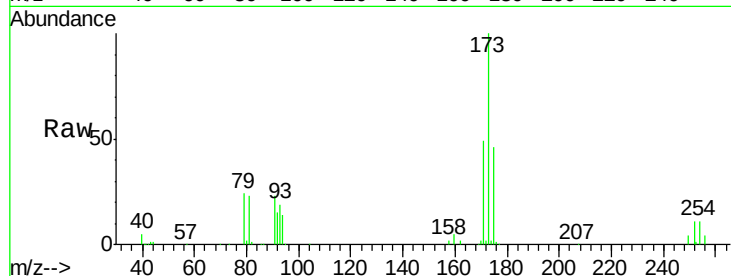
173 100

175 47.9 24.6 73.8

254 0.1 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

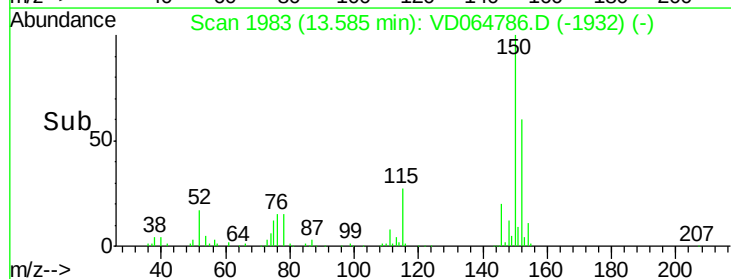
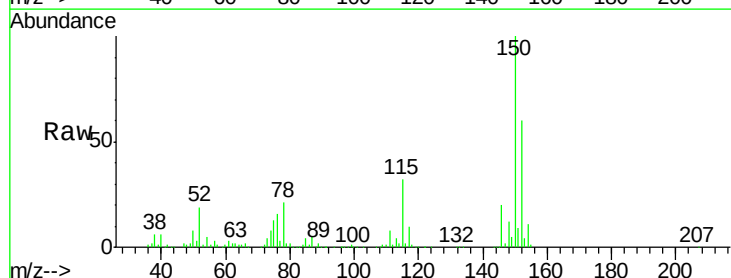
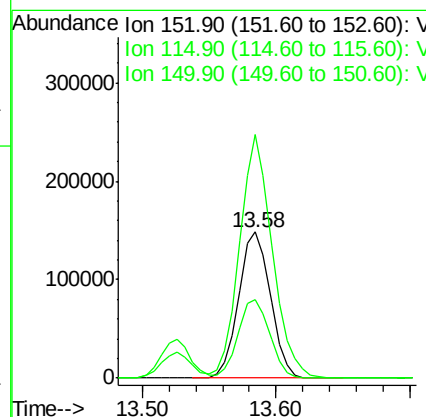
Tgt Ion:152 Resp: 244358

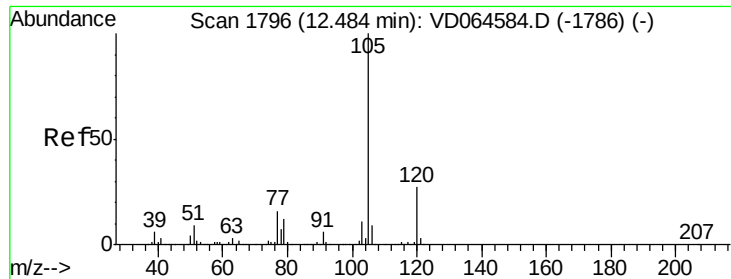
Ion Ratio Lower Upper

152 100

115 53.5 27.8 83.4

150 171.4 0.0 351.4





#73

Isopropylbenzene

Concen: 47.901 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 836456

Ion Ratio Lower Upper

105 100

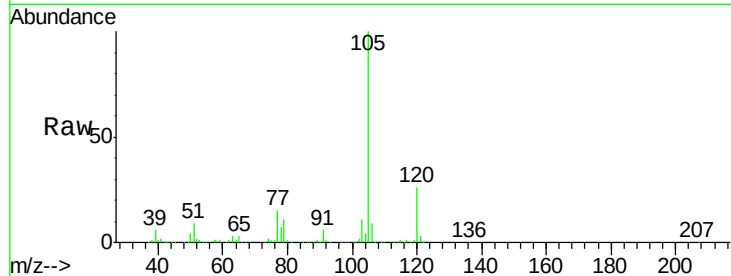
120 26.8 13.5 40.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

500000

400000

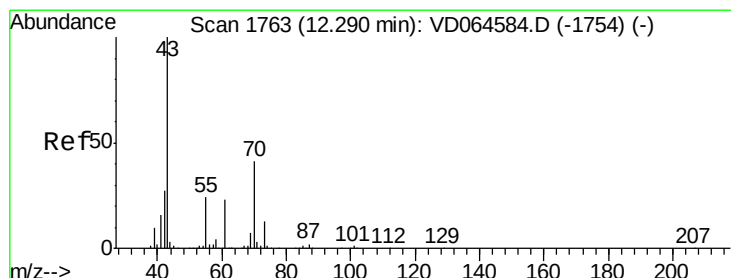
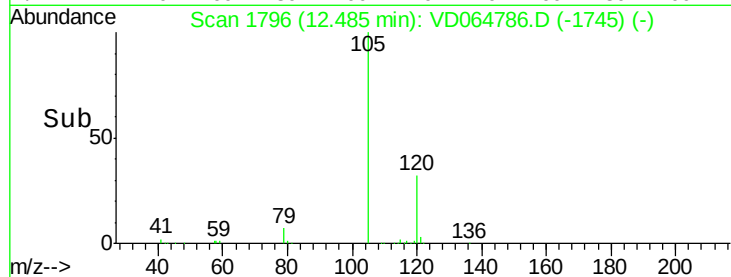
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.303 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion: 43 Resp: 191506

Ion Ratio Lower Upper

43 100

70 41.4 33.4 50.0

55 24.3 19.4 29.0

61 22.9 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

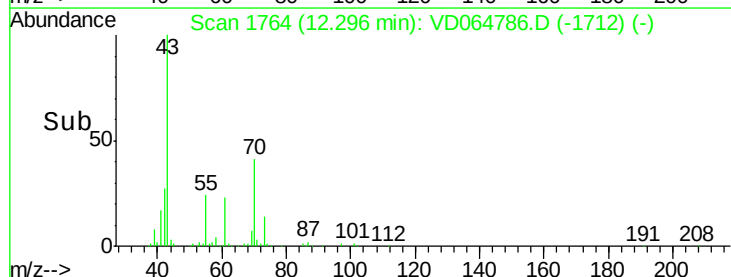
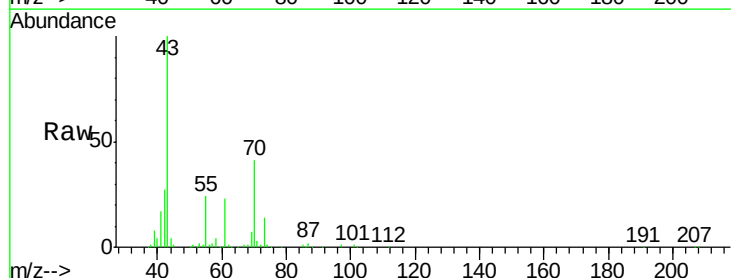
150000

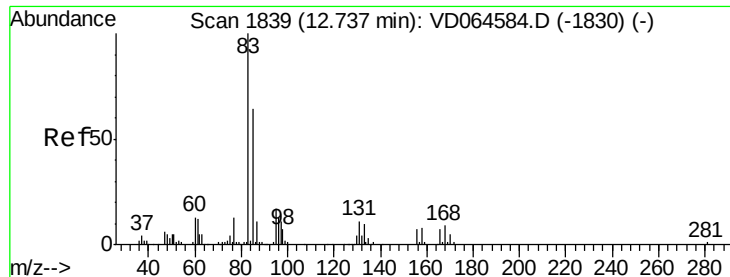
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.886 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

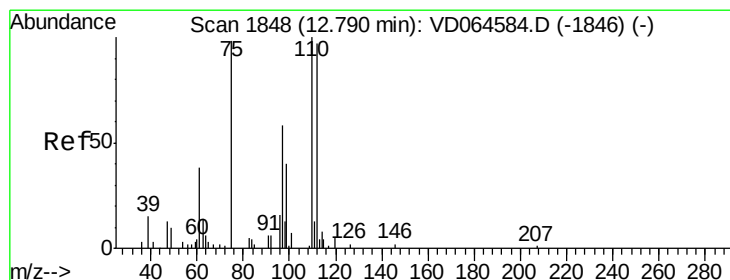
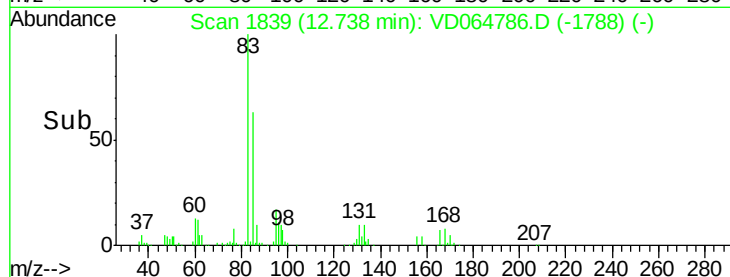
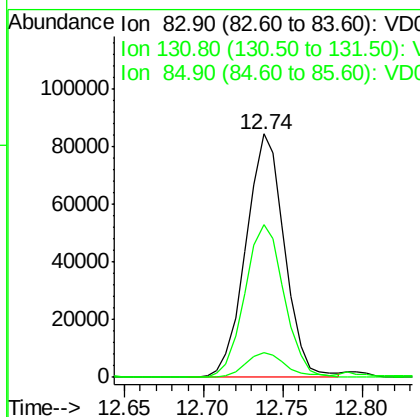
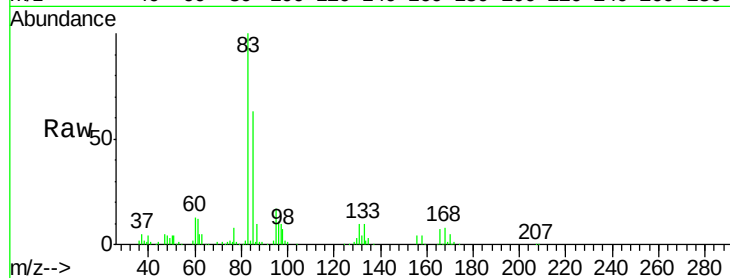
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	142333
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.8	17.4
85	63.9	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 49.680 ug/l m

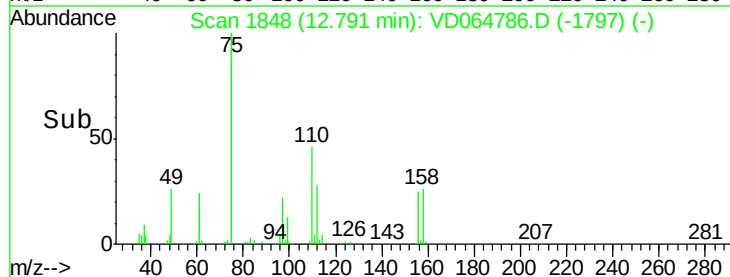
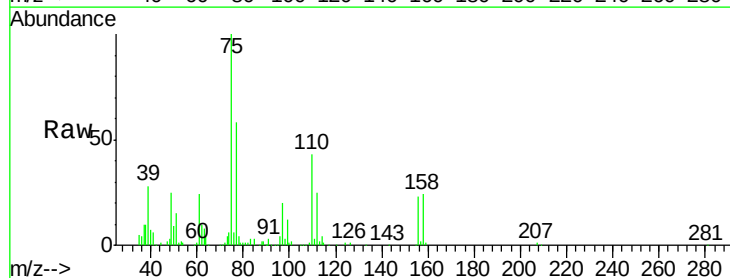
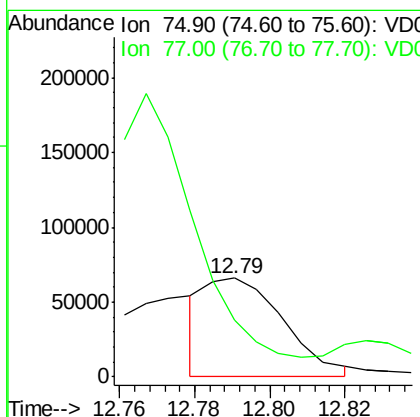
RT: 12.79 min Scan# 1848

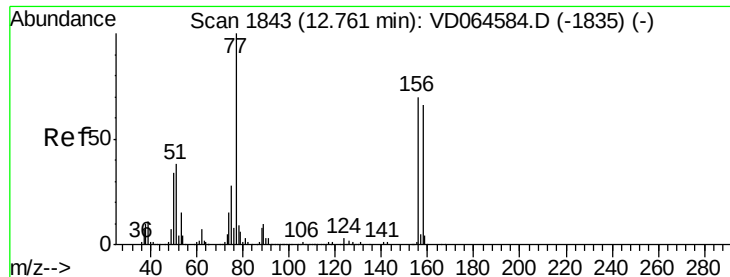
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	75	Resp:	95862
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.373 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

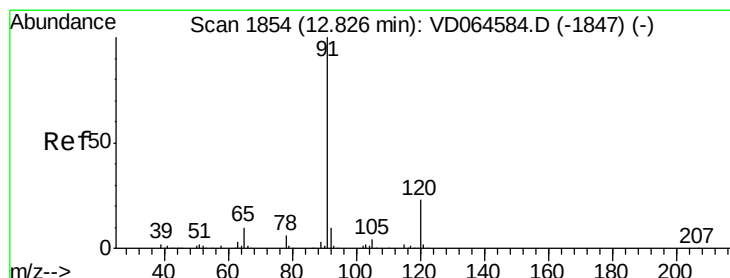
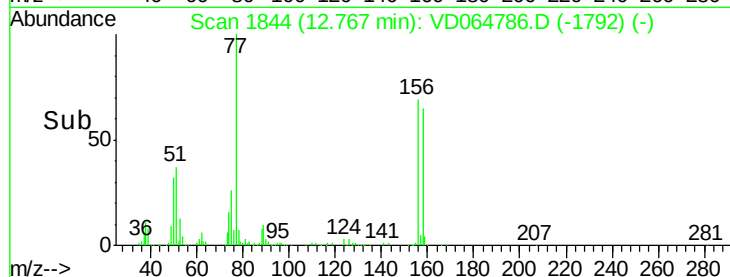
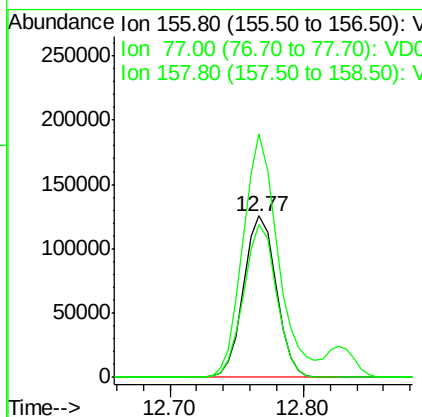
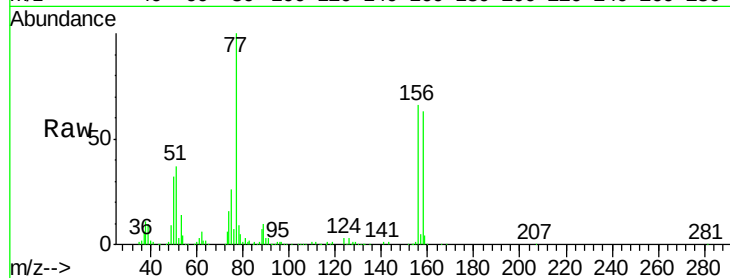
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	162.4	80.9	242.7
158	95.1	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 48.513 ug/l

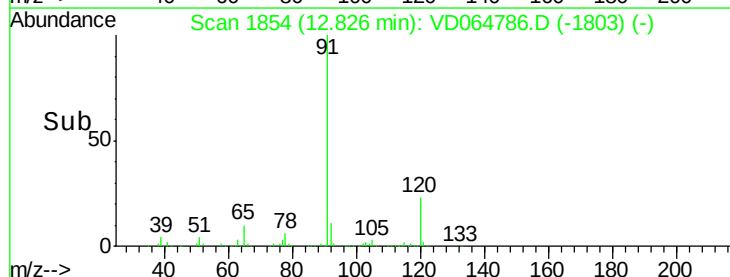
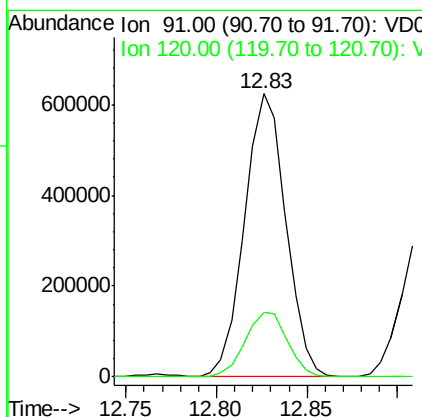
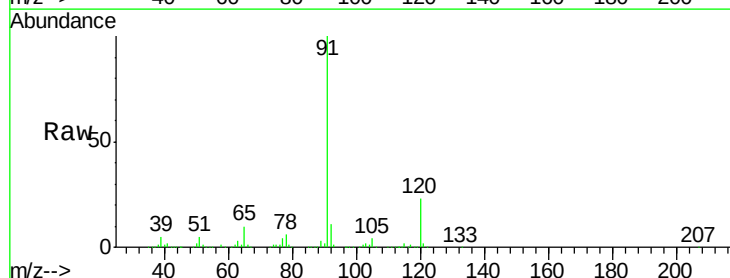
RT: 12.83 min Scan# 1854

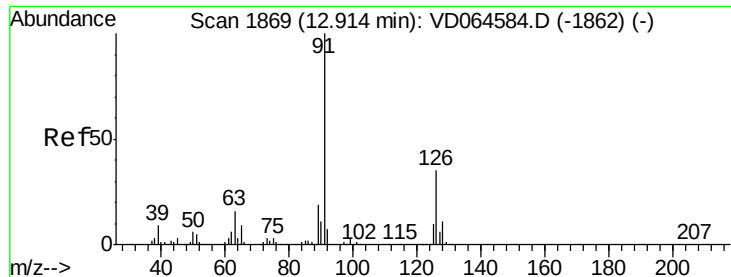
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.9





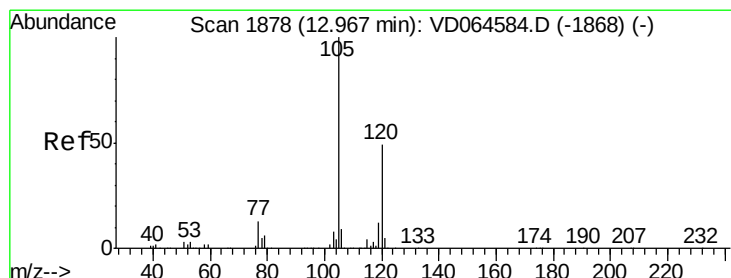
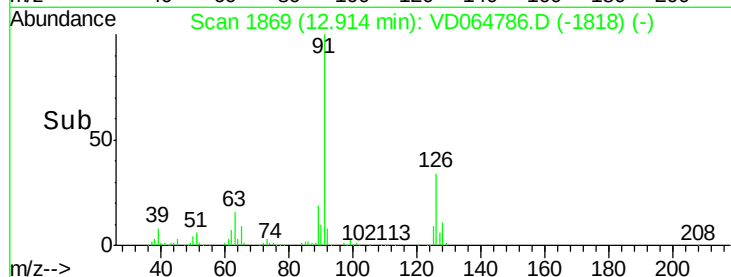
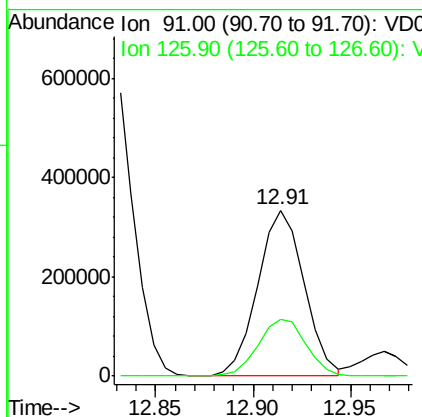
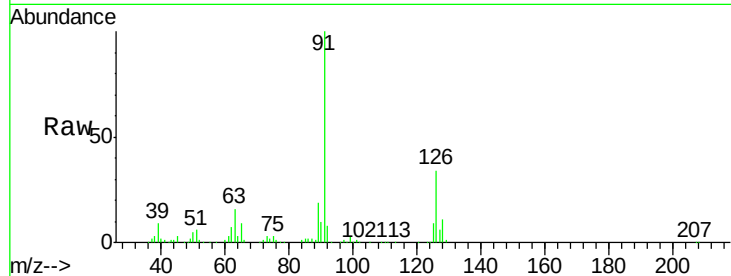
#79
 2-Chlorotoluene
 Concen: 49.173 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 550298
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.8 53.5

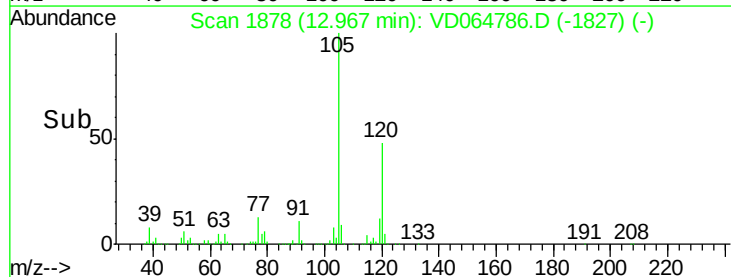
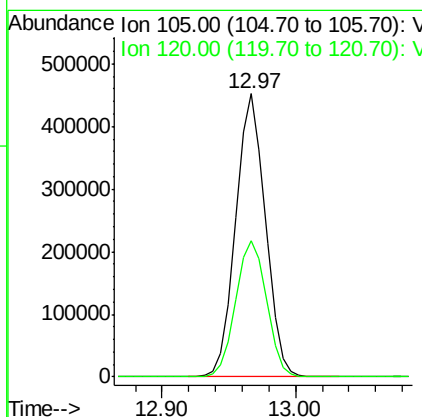
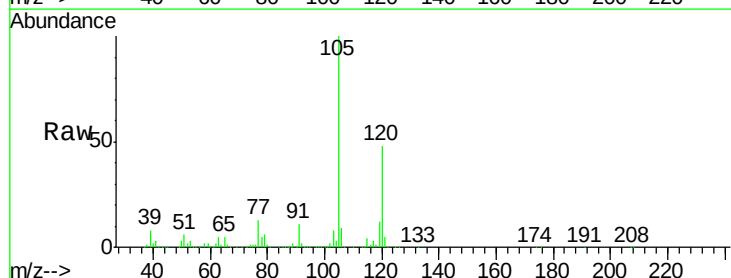
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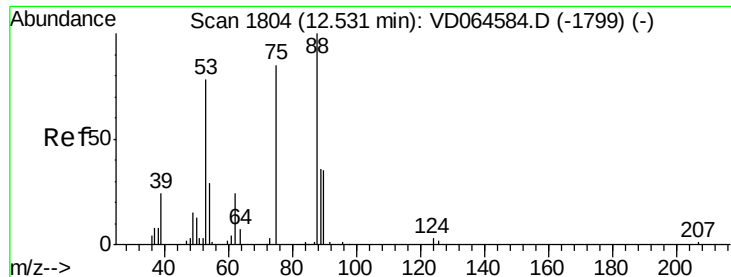
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.552 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion: 105 Resp: 696459
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.229 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

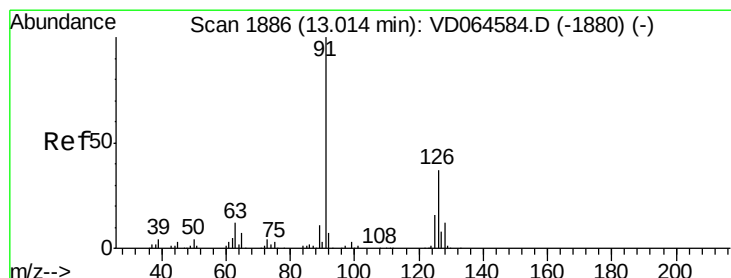
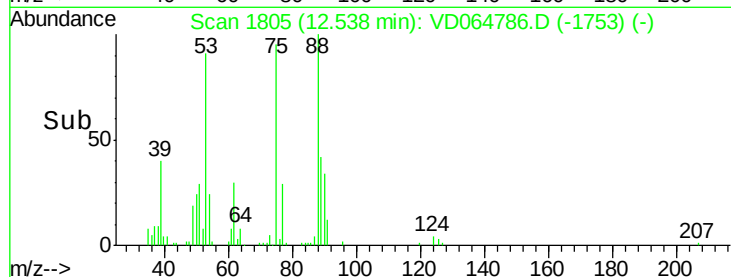
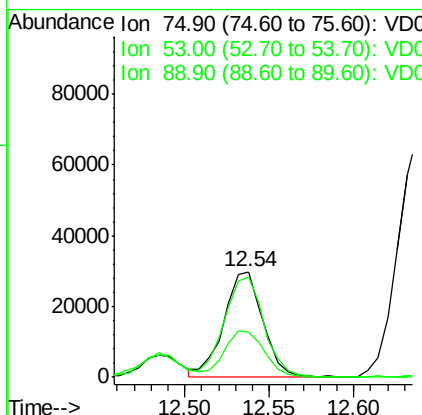
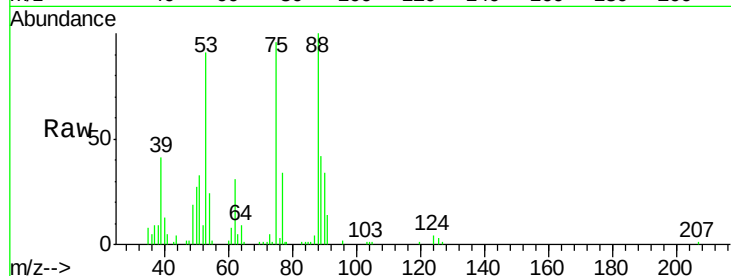
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	48187
Ion	Ratio	Lower	Upper
75	100		
53	96.3	78.8	118.2
89	45.3	38.3	57.5

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#82

4-Chlorotoluene

Concen: 49.023 ug/l

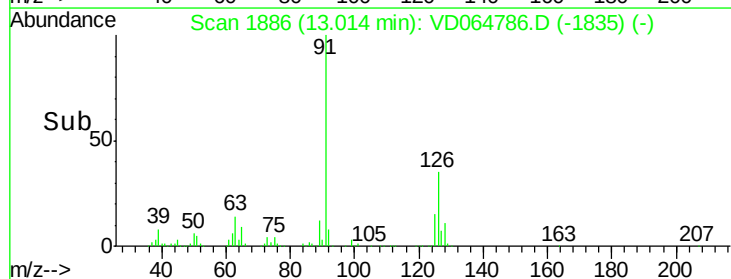
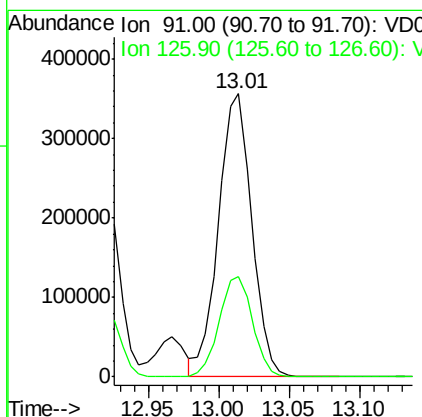
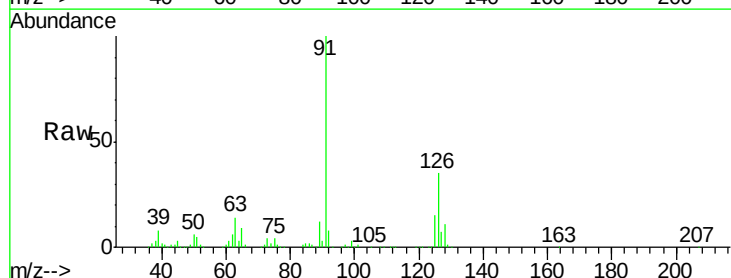
RT: 13.01 min Scan# 1886

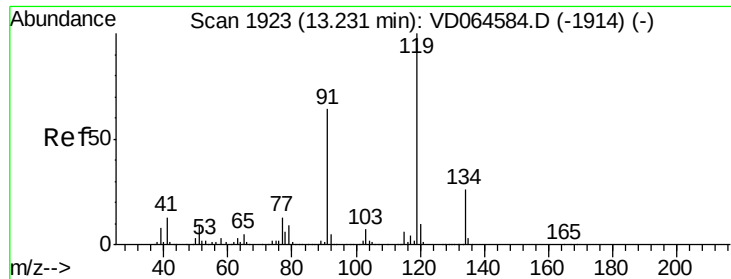
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	91	Resp:	583845
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.5





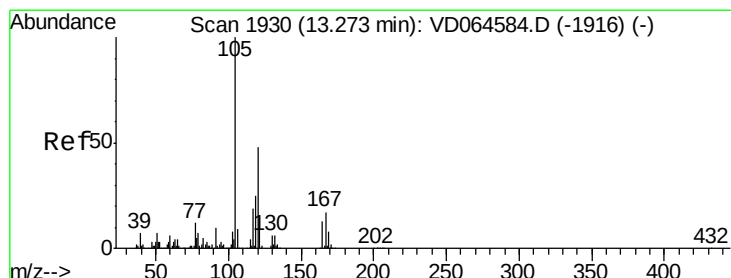
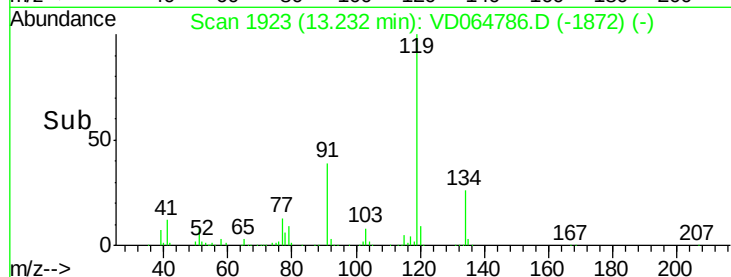
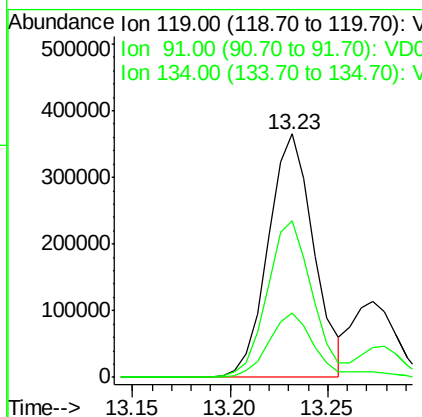
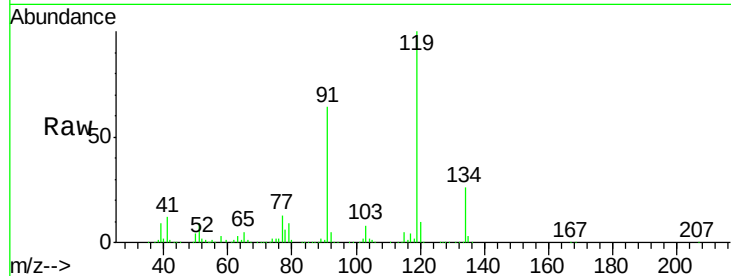
#83
 tert-Butylbenzene
 Concen: 47.458 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.4	30.8	92.4
134	27.6	12.8	38.3

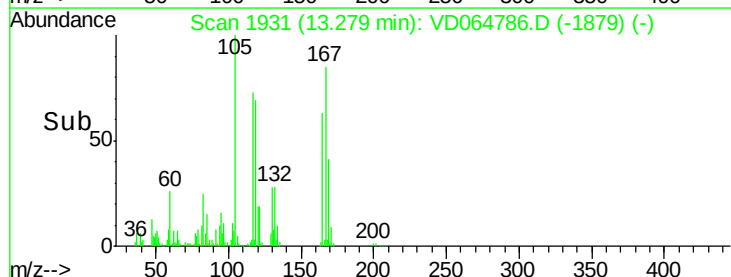
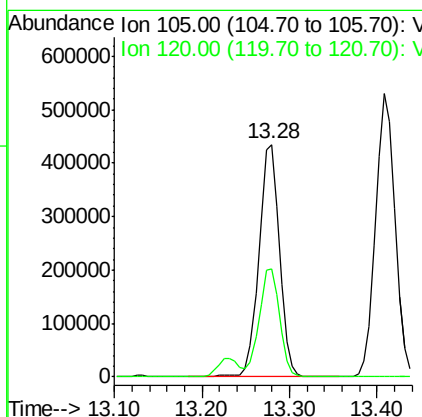
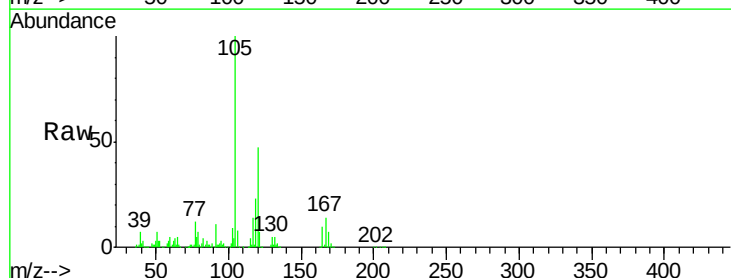
Manual Integrations
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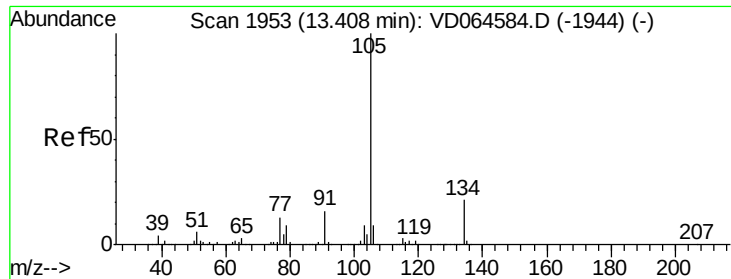
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.228 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.8	71.2





#85

sec-Butylbenzene

Concen: 48.282 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 824402

Ion Ratio Lower Upper

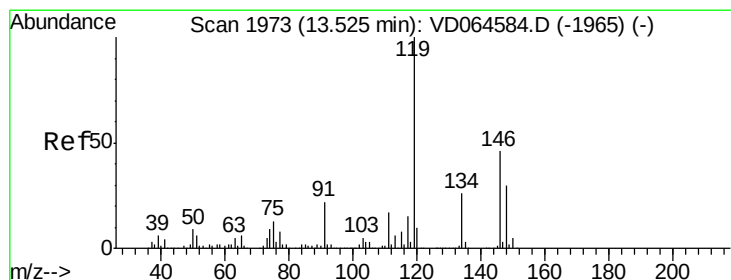
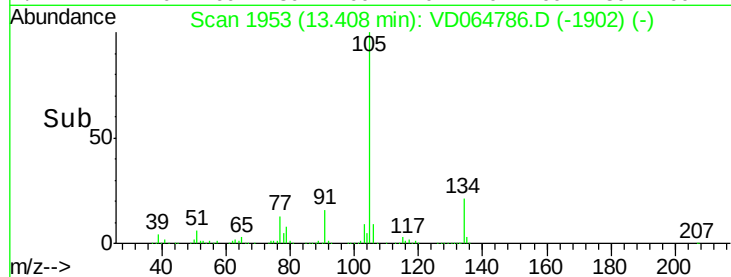
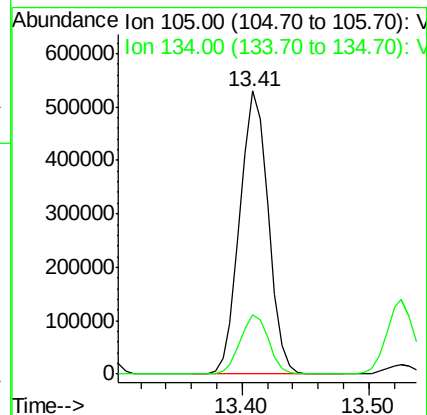
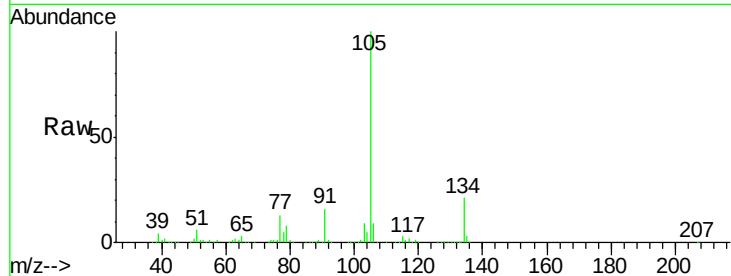
105 100

134 20.8 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 47.583 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

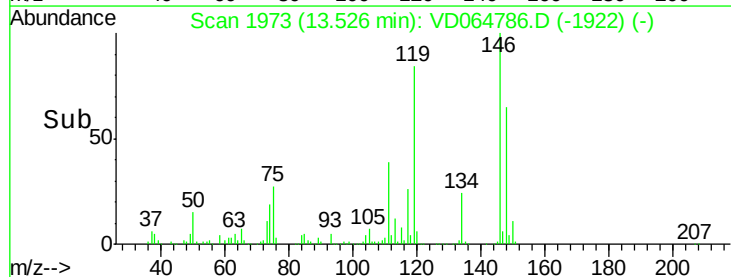
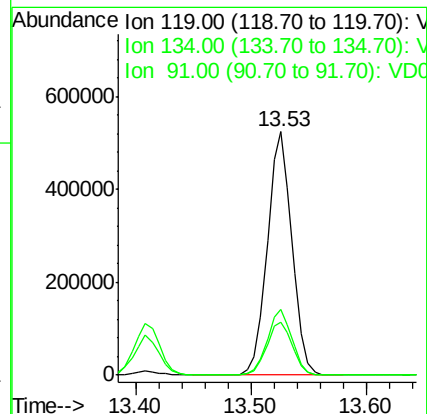
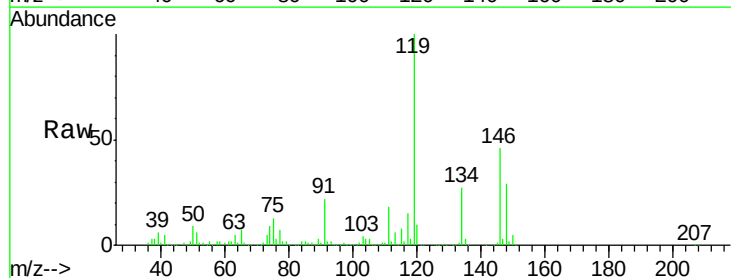
Tgt Ion:119 Resp: 776860

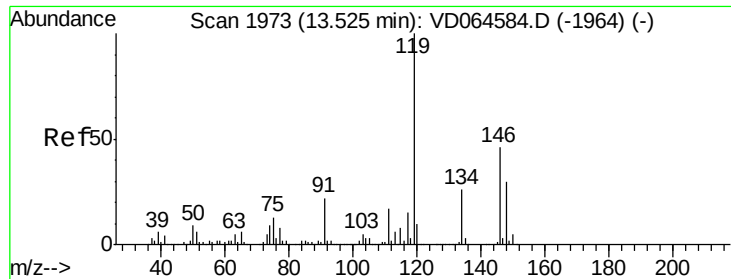
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.741 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Instrument :

MSVOA_D

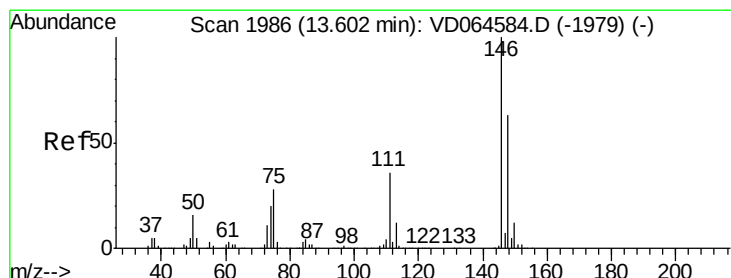
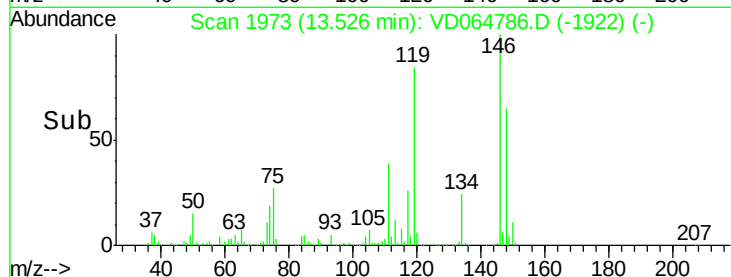
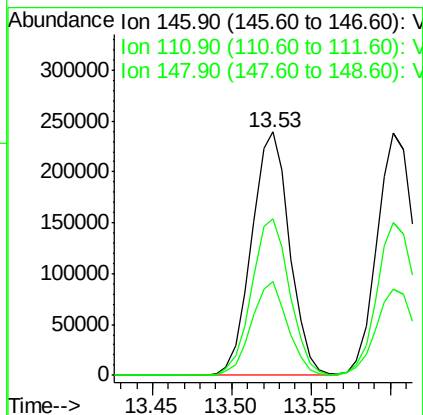
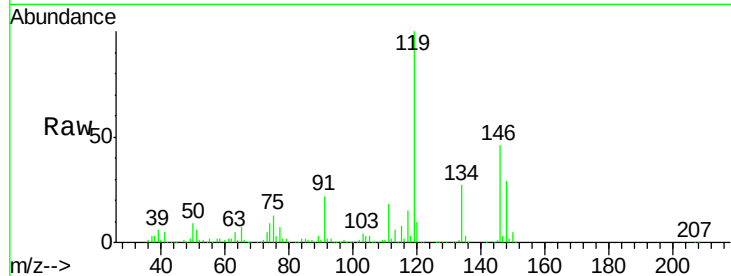
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	398686
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.8	56.4
148	64.4	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.688 ug/l

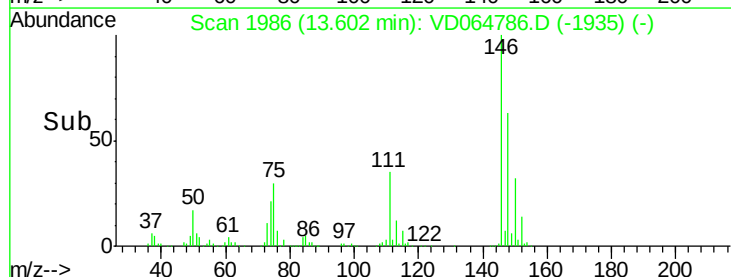
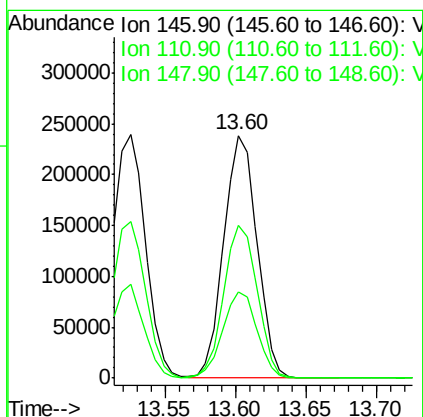
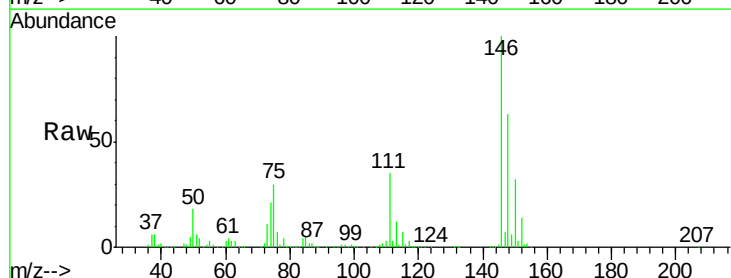
RT: 13.60 min Scan# 1986

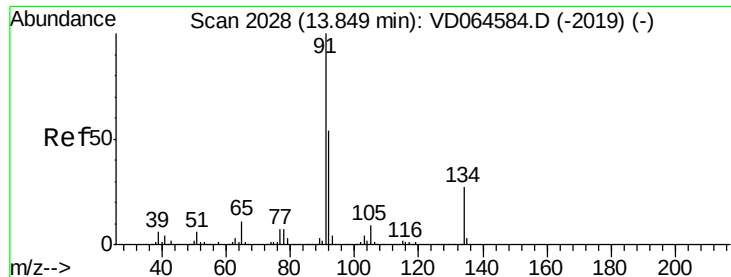
Delta R.T. 0.00 min

Lab File: VD064786.D

Acq: 06 Jan 2020 21:29

Tgt Ion:	146	Resp:	391230
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.1	54.1
148	63.7	32.3	96.9





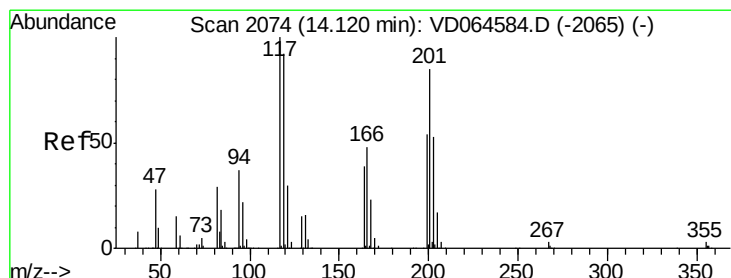
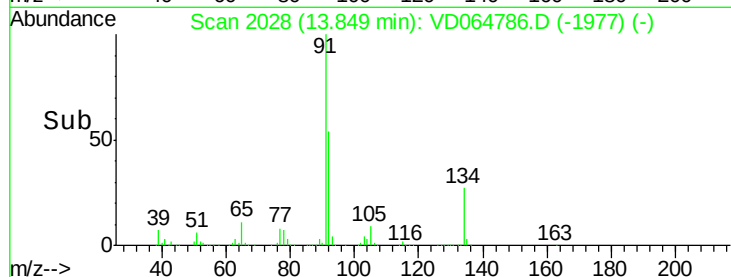
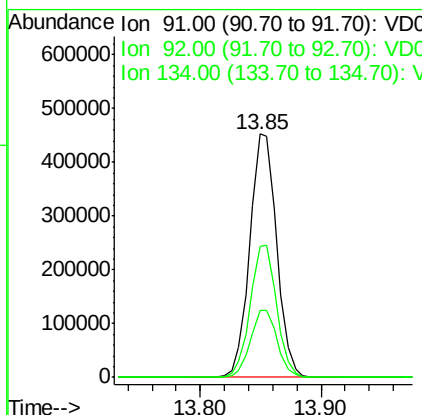
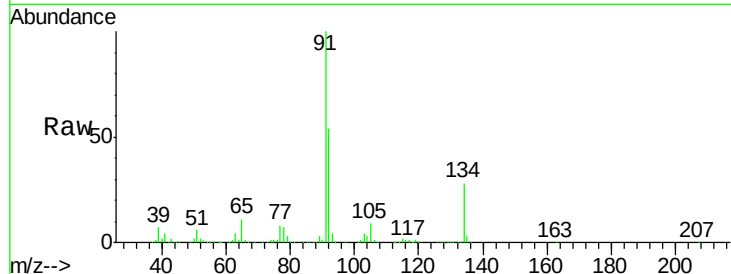
#89
n-Butylbenzene
Concen: 47.787 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	702601		
92	53.2	26.8	80.4	
134	27.3	14.0	41.9	

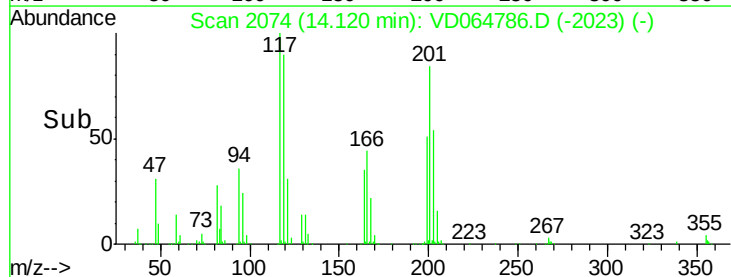
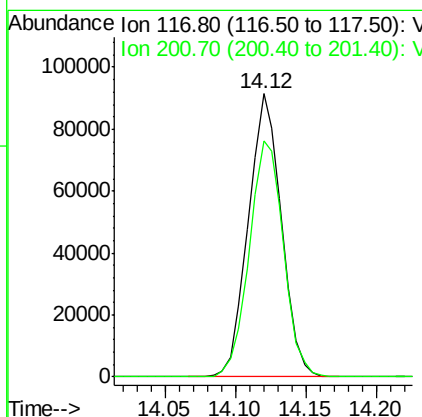
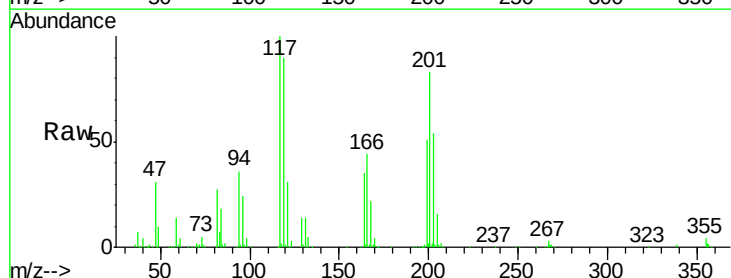
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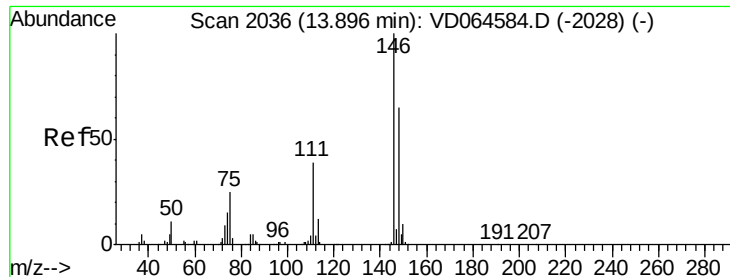
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#90
Hexachloroethane
Concen: 48.214 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150365		
201	86.1	44.0	131.8	





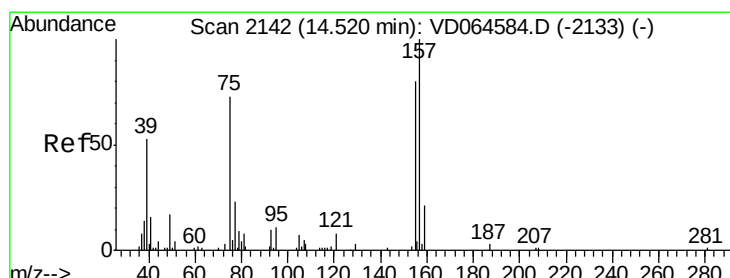
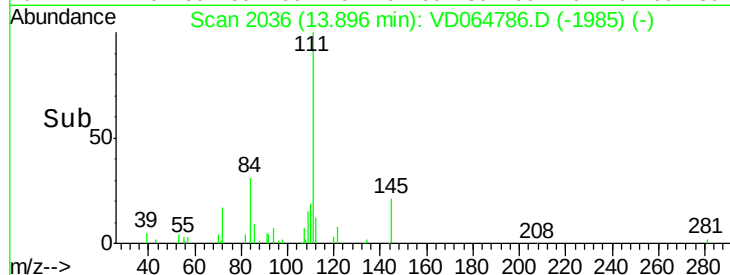
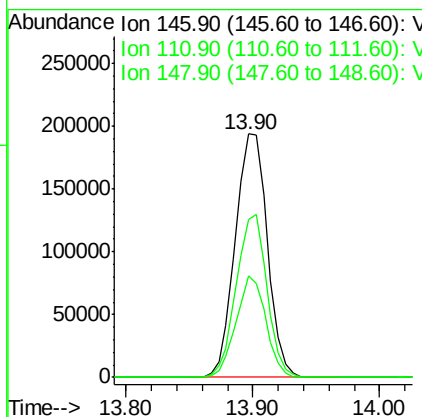
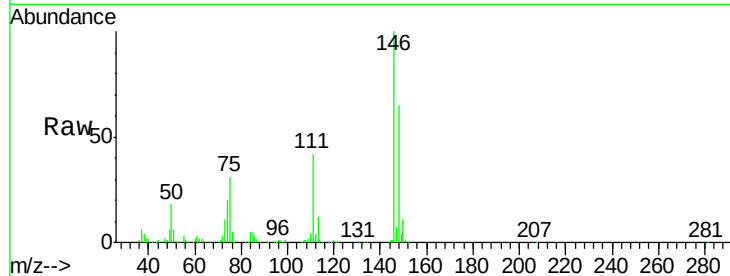
#91
 1,2-Dichlorobenzene
 Concen: 48.791 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340306		
111	38.7	19.3	57.9	
148	64.1	31.9	95.5	

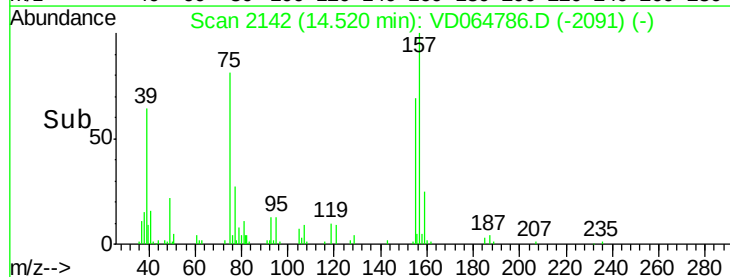
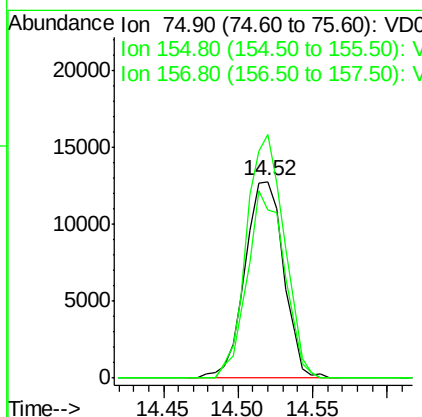
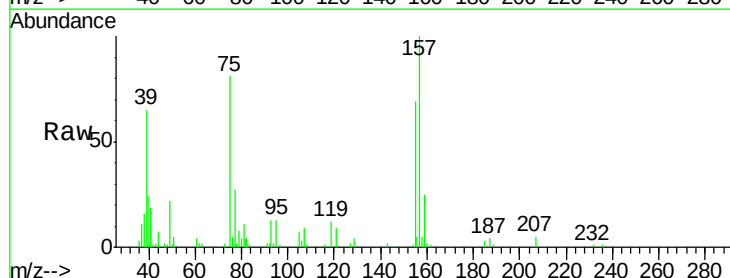
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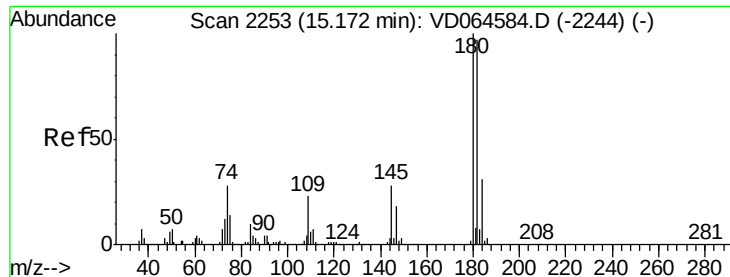
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.217 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22776		
155	91.7	48.0	144.0	
157	120.7	64.1	192.3	





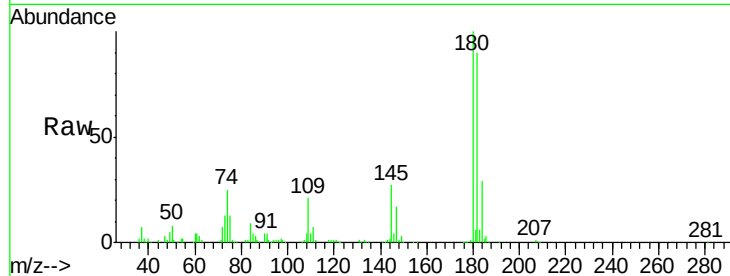
#93
 1,2,4-Trichlorobenzene
 Concen: 48.061 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

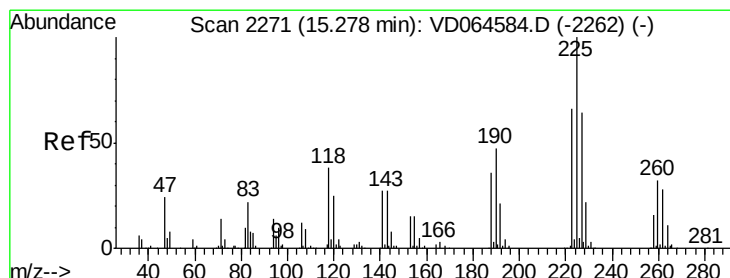
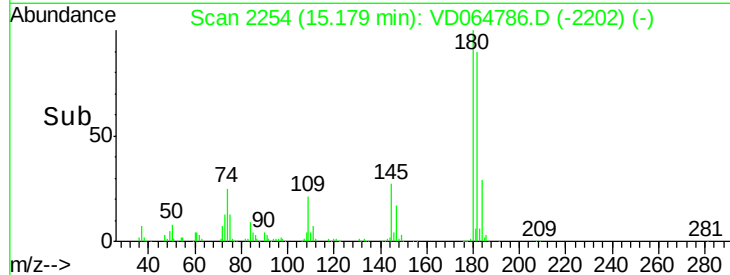
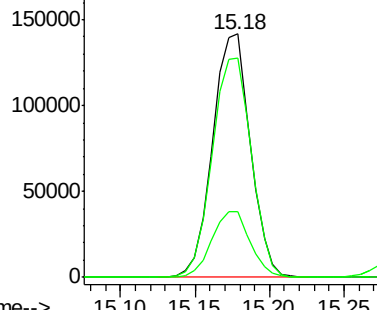
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246823		
182	93.8	48.0	144.2	
145	27.6	13.8	41.4	

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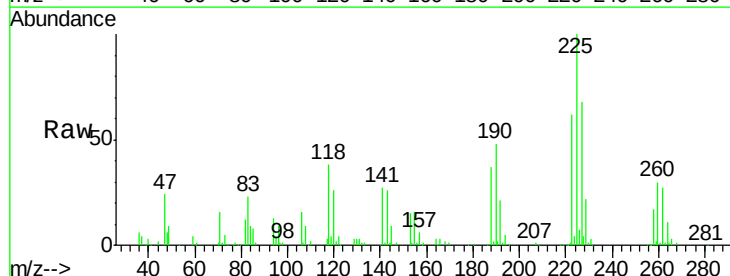


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

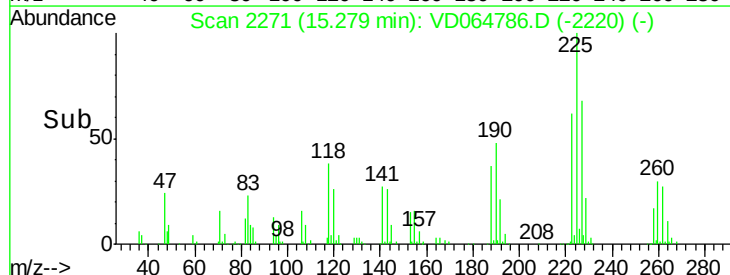
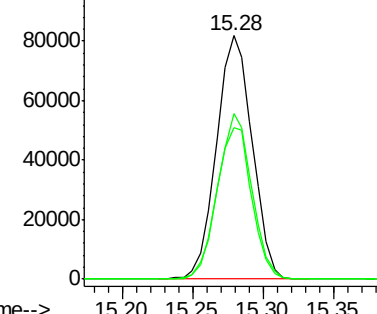


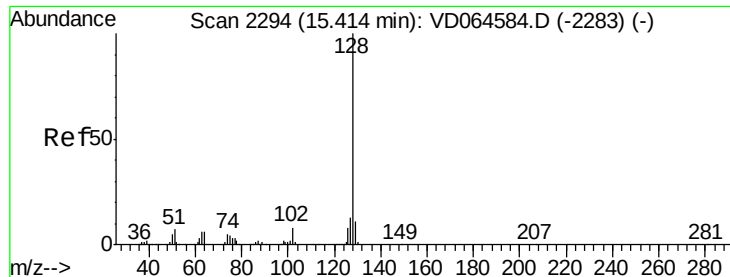
#94
 Hexachlorobutadiene
 Concen: 44.865 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064786.D
 Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144990		
223	61.7	31.1	93.2	
227	64.7	30.9	92.7	



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





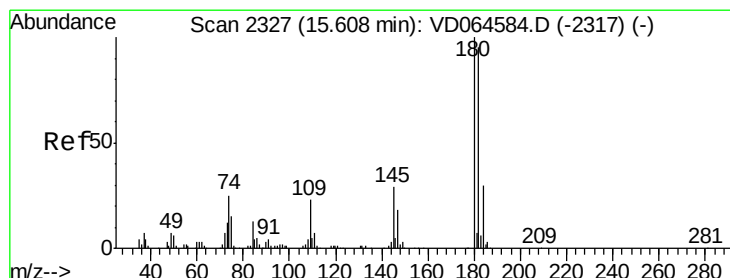
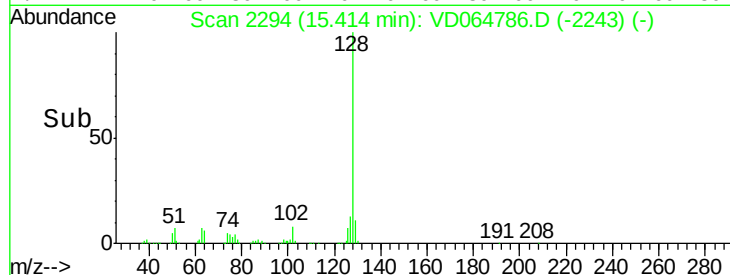
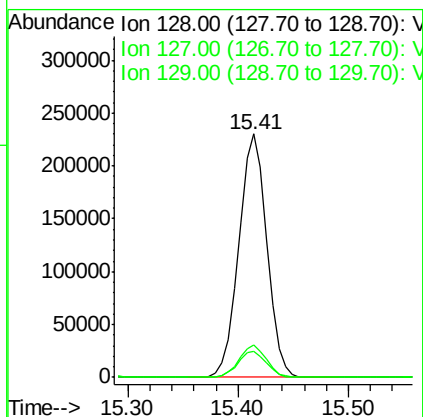
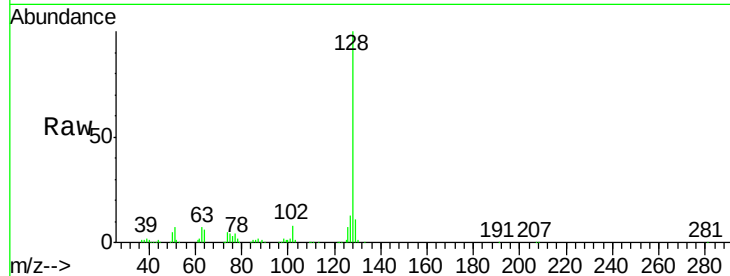
#95
Naphthalene
Concen: 50.539 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	410608		
127	13.0	10.3	15.5	
129	10.9	8.5	12.7	

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#96
1,2,3-Trichlorobenzene
Concen: 47.909 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064786.D
Acq: 06 Jan 2020 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210048		
182	95.1	47.9	143.7	
145	30.2	14.9	44.7	

