

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064788.D
 Acq On : 07 Jan 2020 12:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:23 AM

Quant Time: Jan 08 07:48:22 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	360344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	464013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173478	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.91	113	172871	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.34	98	661460	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	208908	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	124385	44.417	ug/l	98
3) Chloromethane	2.21	50	188843	48.217	ug/l	100
4) Vinyl Chloride	2.35	62	224933	47.103	ug/l	98
5) Bromomethane	2.77	94	159467	45.928	ug/l	97
6) Chloroethane	2.92	64	155819	48.698	ug/l	98
7) Trichlorofluoromethane	3.27	101	370851	46.123	ug/l	98
8) Diethyl Ether	3.70	74	77662	48.640	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	157090	47.175	ug/l	99
10) Methyl Iodide	4.29	142	188087	52.584	ug/l	98
11) Tert butyl alcohol	5.24	59	48682	267.334	ug/l	96
12) 1,1-Dichloroethene	4.06	96	153569	48.441	ug/l	99
13) Acrolein	3.92	56	55779	219.787	ug/l	99
14) Allyl chloride	4.70	41	258146	52.226	ug/l	99
15) Acrylonitrile	5.43	53	169971	255.569	ug/l	99
16) Acetone	4.16	43	195967	299.365	ug/l	94
17) Carbon Disulfide	4.40	76	470365	45.885	ug/l	97
18) Methyl Acetate	4.72	43	87389	48.851	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	362355	51.459	ug/l	94
20) Methylene Chloride	4.96	84	177376	55.079	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	183176	50.735	ug/l	98
22) Diisopropyl ether	6.36	45	523530	53.102	ug/l	98
23) Vinyl Acetate	6.30	43	1474510	263.655	ug/l	100
24) 1,1-Dichloroethane	6.26	63	313287	52.933	ug/l	98
25) 2-Butanone	7.21	43	235302	269.406	ug/l	100
26) 2,2-Dichloropropane	7.20	77	287689	52.280	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	203898	52.329	ug/l	99
28) Bromochloromethane	7.54	49	123559	53.704	ug/l	99
29) Tetrahydrofuran	7.57	42	134735	248.061	ug/l	98
30) Chloroform	7.71	83	332526	53.550	ug/l	95
31) Cyclohexane	7.98	56	264169	44.589	ug/l	89
32) 1,1,1-Trichloroethane	7.90	97	298629	51.201	ug/l	98
36) 1,1-Dichloropropene	8.11	75	249940	49.456	ug/l	99
37) Ethyl Acetate	7.29	43	95065	47.882	ug/l	98
38) Carbon Tetrachloride	8.09	117	275110	51.052	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	285739	46.681	ug/l	97
40) Benzene	8.35	78	708002	51.318	ug/l	97
41) Methacrylonitrile	7.53	41	61809m	53.657	ug/l	
42) 1,2-Dichloroethane	8.43	62	208457	52.287	ug/l	99
43) Isopropyl Acetate	8.46	43	191767	48.527	ug/l	98
44) Trichloroethene	9.11	130	201369	49.685	ug/l	98
45) 1,2-Dichloropropane	9.38	63	172482	52.362	ug/l	97
46) Dibromomethane	9.48	93	92872	50.569	ug/l	100
47) Bromodichloromethane	9.66	83	253668	51.907	ug/l	98
48) Methyl methacrylate	9.46	41	90009	48.374	ug/l	92
49) 1,4-Dioxane	9.47	88	19821	935.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	486985	249.318	ug/l	100
52) Toluene	10.40	92	462969	51.149	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	238137	52.266	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	280999	52.304	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	124947	50.483	ug/l	95
56) Ethyl methacrylate	10.66	69	155320	50.248	ug/l	99
57) 1,3-Dichloropropane	10.95	76	219240	51.446	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	258318	219.349	ug/l	98
59) 2-Hexanone	10.98	43	354999	267.778	ug/l	99
60) Dibromochloromethane	11.14	129	173544	50.704	ug/l	99
61) 1,2-Dibromoethane	11.25	107	122441	50.156	ug/l	99
64) Tetrachloroethene	10.87	164	172446	48.442	ug/l	98
65) Chlorobenzene	11.67	112	491972	51.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	187321	51.596	ug/l	99
67) Ethyl Benzene	11.75	91	885612	50.664	ug/l	95
68) m/p-Xylenes	11.85	106	693868	102.842	ug/l	99
69) o-Xylene	12.18	106	308280	50.586	ug/l	99
70) Styrene	12.20	104	552049	51.608	ug/l	99
71) Bromoform	12.37	173	101682	49.112	ug/l	98
73) Isopropylbenzene	12.48	105	848909	51.546	ug/l	100
74) N-amyl acetate	12.29	43	173535	49.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	127982	49.469	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	81594m	44.836	ug/l	
77) Bromobenzene	12.77	156	208107	51.427	ug/l	98
78) n-propylbenzene	12.83	91	991626	51.612	ug/l	100
79) 2-Chlorotoluene	12.91	91	542160	51.368	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	703612	52.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	45029	51.751	ug/l	97
82) 4-Chlorotoluene	13.01	91	571273	50.861	ug/l	100
83) tert-Butylbenzene	13.23	119	598049	50.915	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	702751	52.159	ug/l	98
85) sec-Butylbenzene	13.41	105	824260	51.186	ug/l	99
86) p-Isopropyltoluene	13.53	119	788137	51.186	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	391832	50.793	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	383138	50.558	ug/l	99
89) n-Butylbenzene	13.85	91	714025	51.494	ug/l	99
90) Hexachloroethane	14.12	117	152328	51.790	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	326331	49.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19668	46.896	ug/l	98

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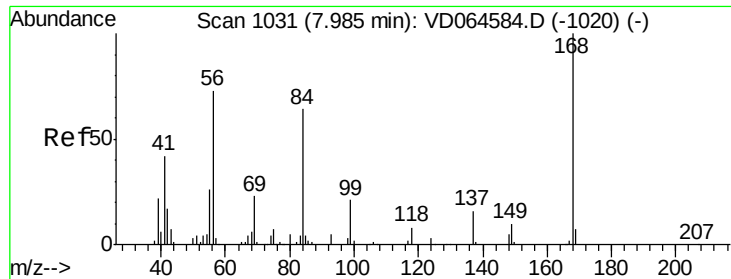
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	237567	49.049	ug/l	100
94) Hexachlorobutadiene	15.28	225	144391	47.375	ug/l	98
95) Naphthalene	15.41	128	379736	49.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	204441	49.443	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 360344

Ion Ratio Lower Upper

168 100

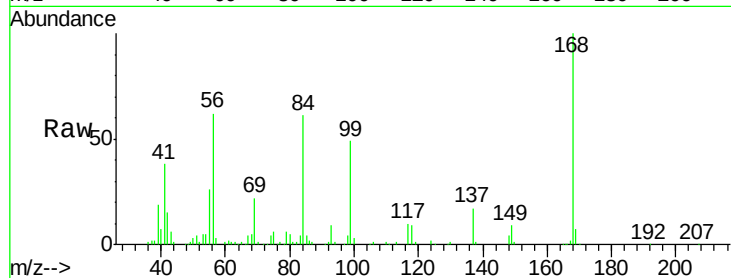
99 49.2 41.8 62.6

Manual Integrations

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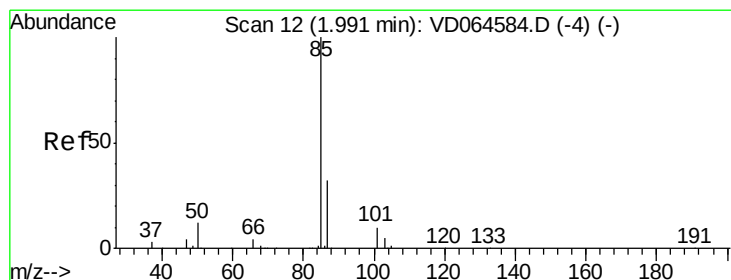
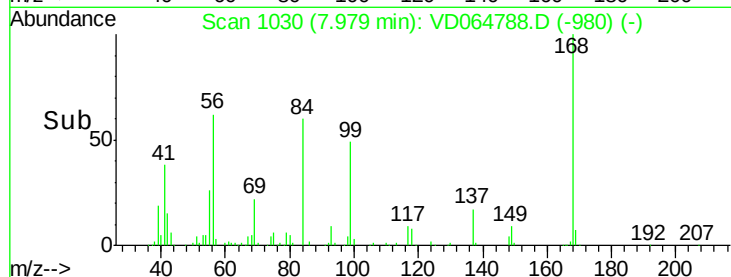
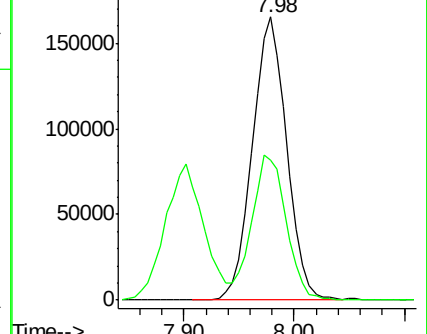
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.417 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064788.D

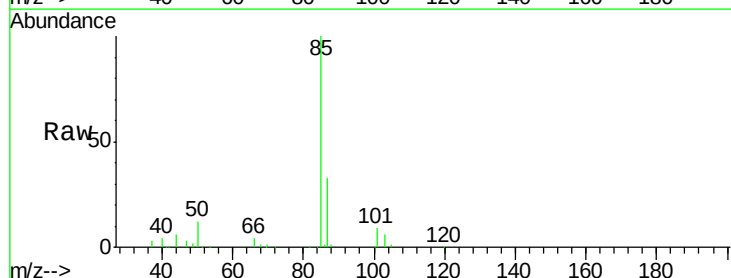
Acq: 07 Jan 2020 12:08

Tgt Ion: 85 Resp: 124385

Ion Ratio Lower Upper

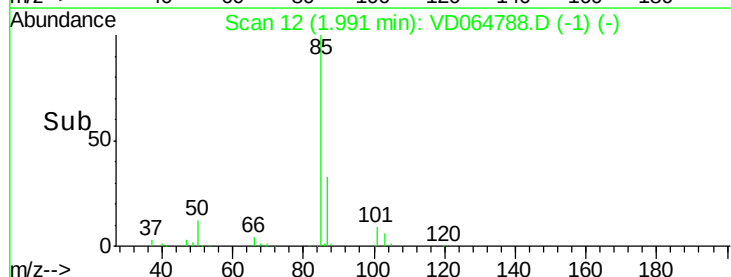
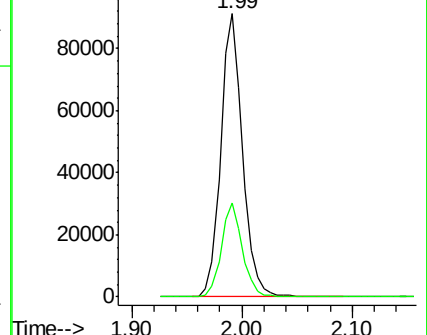
85 100

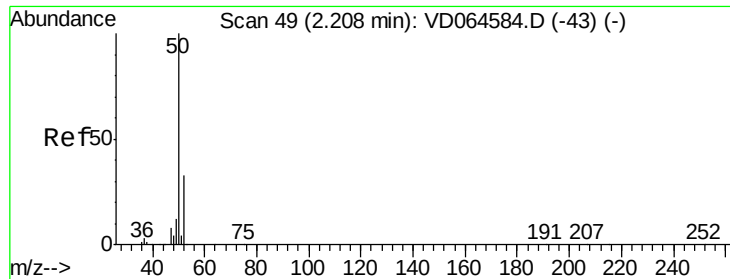
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.217 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 188843

Ion Ratio Lower Upper

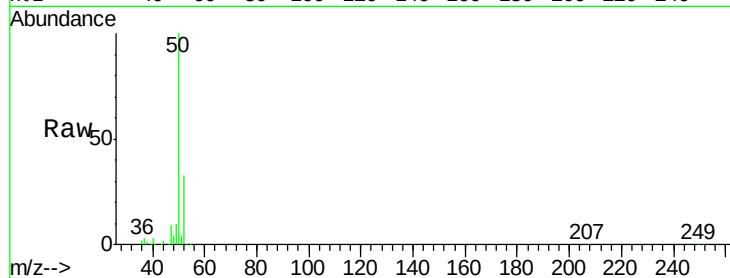
50 100

52 33.1 26.5 39.7

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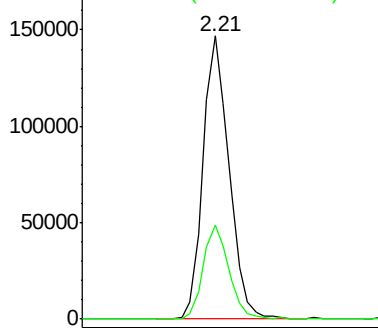
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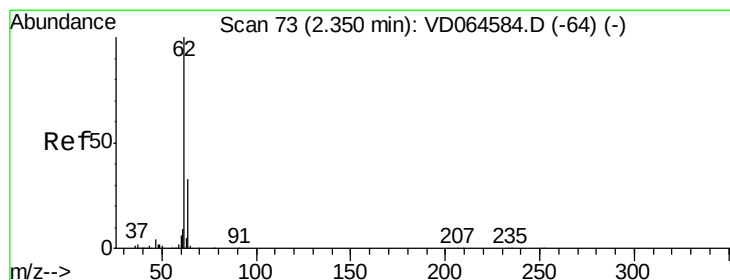
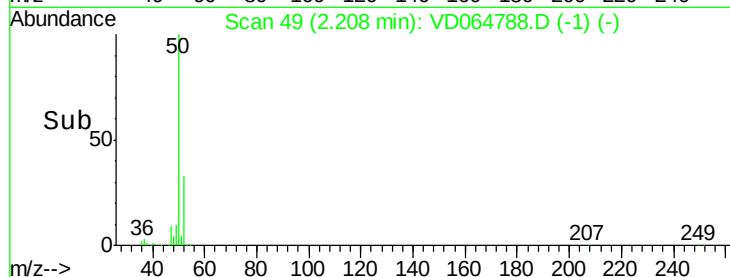


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 47.103 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064788.D

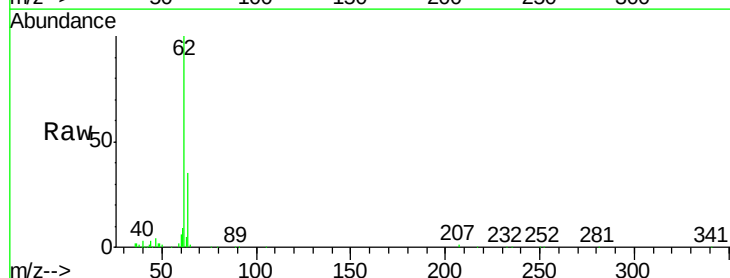
Acq: 07 Jan 2020 12:08

Tgt Ion: 62 Resp: 224933

Ion Ratio Lower Upper

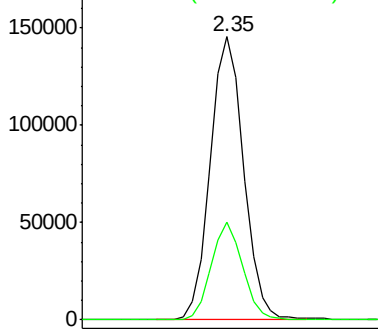
62 100

64 34.5 26.6 40.0

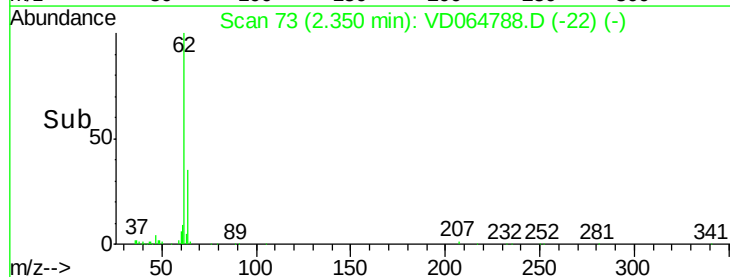


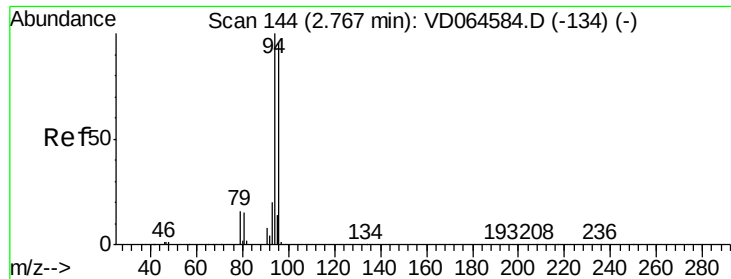
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 45.928 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 159467

Ion Ratio Lower Upper

94 100

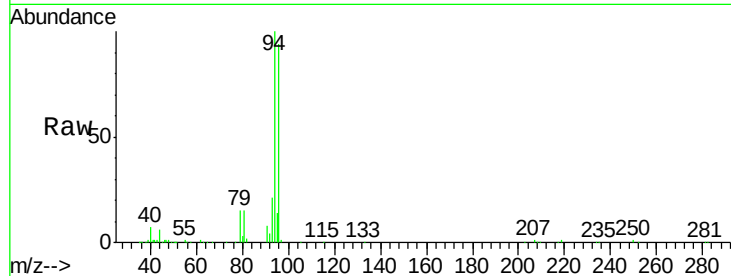
96 93.8 77.2 115.8

Manual Integrations

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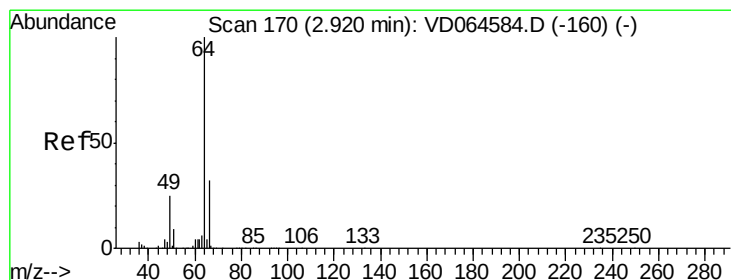
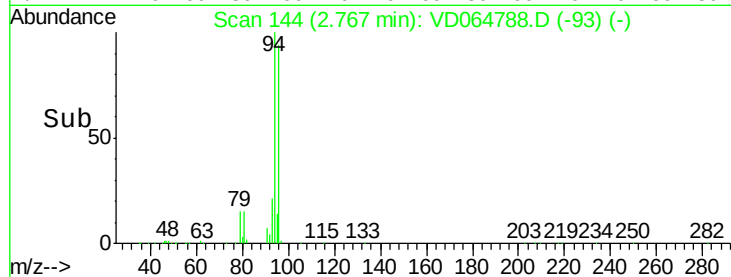
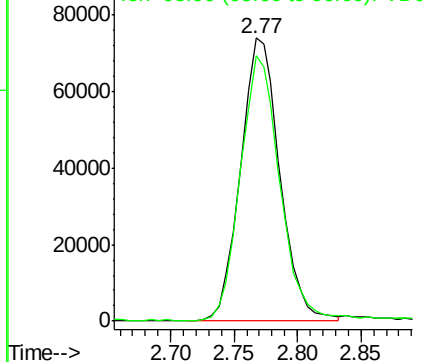
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.698 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD064788.D

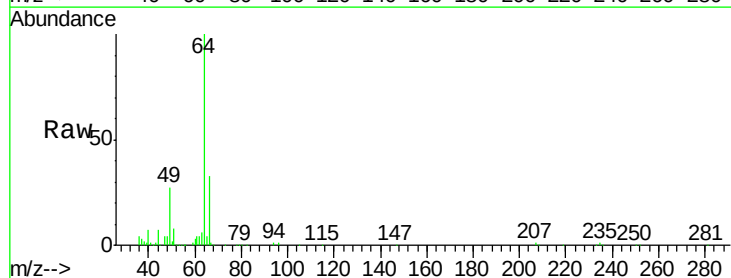
Acq: 07 Jan 2020 12:08

Tgt Ion: 64 Resp: 155819

Ion Ratio Lower Upper

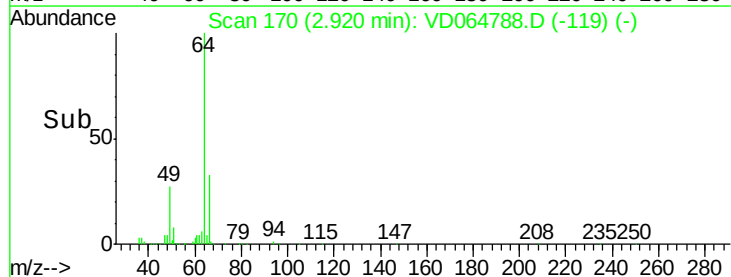
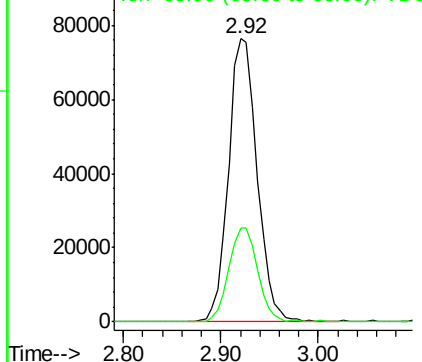
64 100

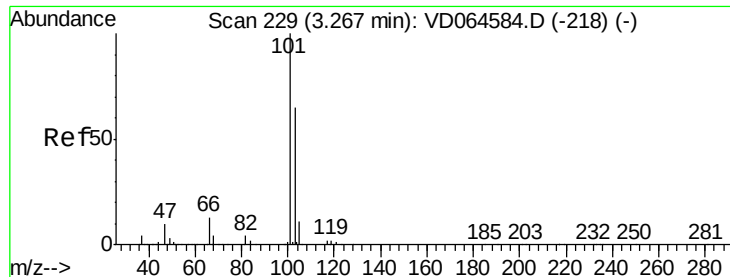
66 33.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

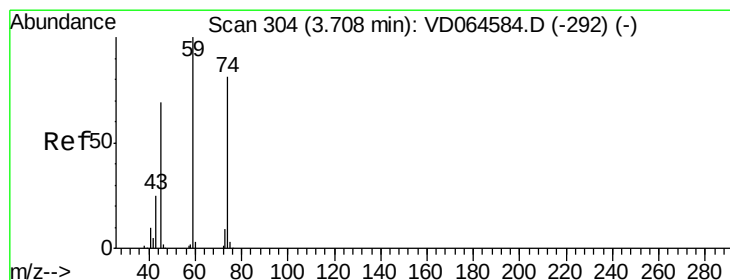
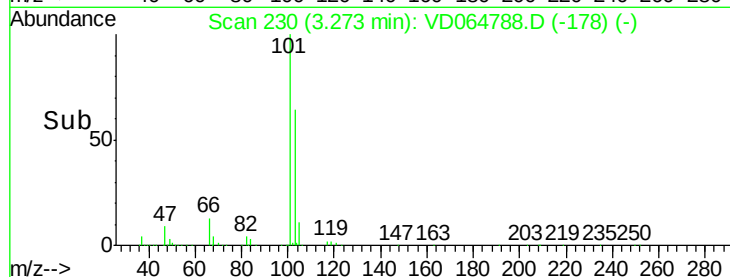
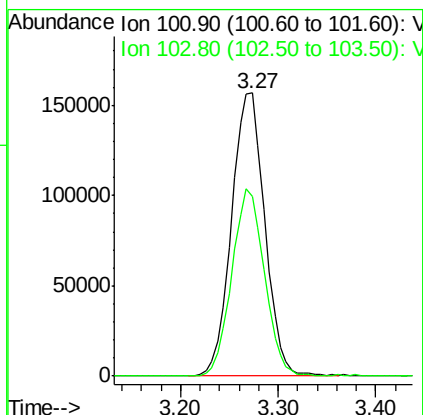
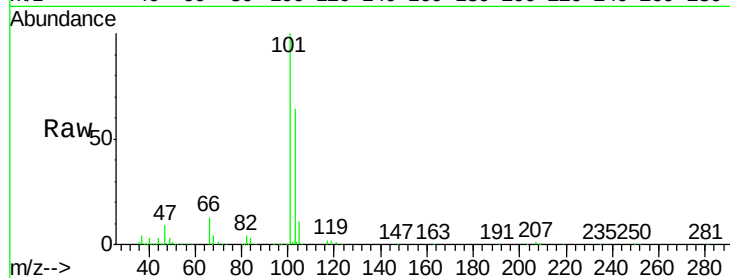
Trichlorofluoromethane
Concen: 46.123 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

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VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	370851		
103	63.4	52.2	78.4	

Manual Integrations
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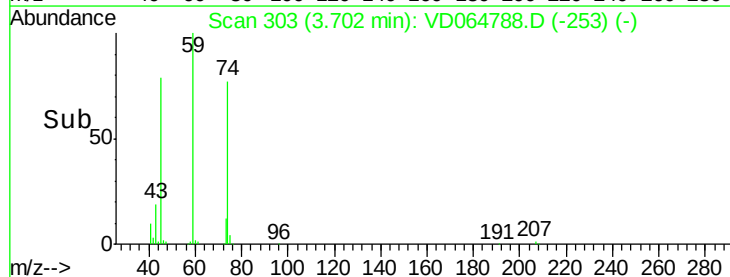
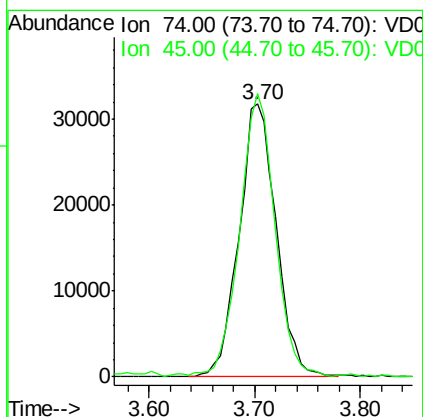
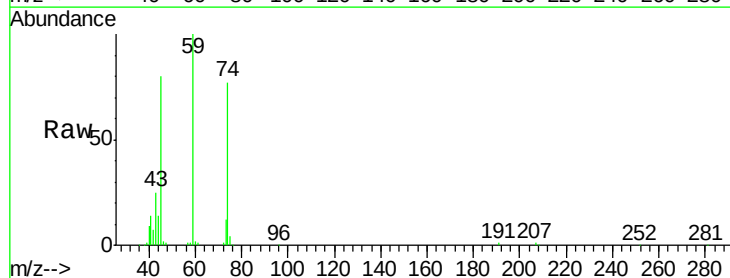
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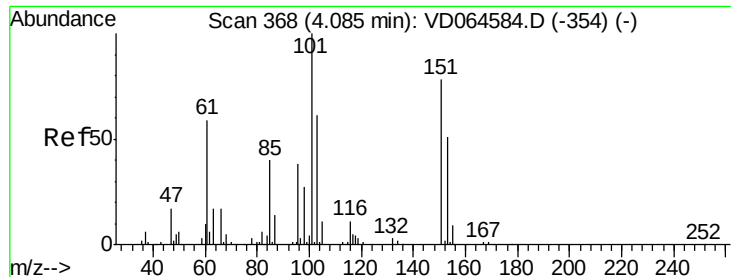


#8

Diethyl Ether
Concen: 48.640 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	77662		
45	99.1	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.175 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

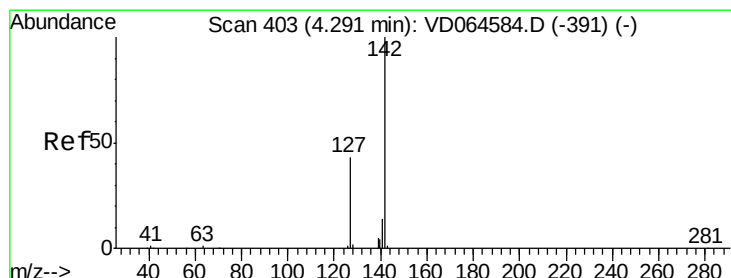
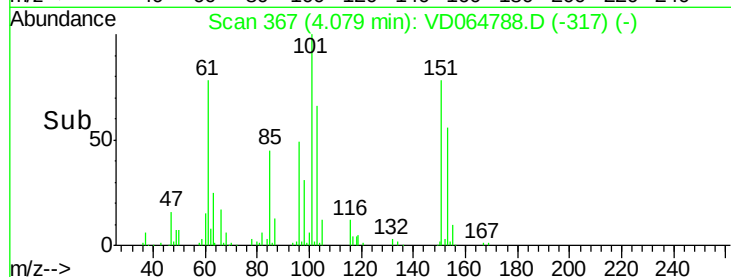
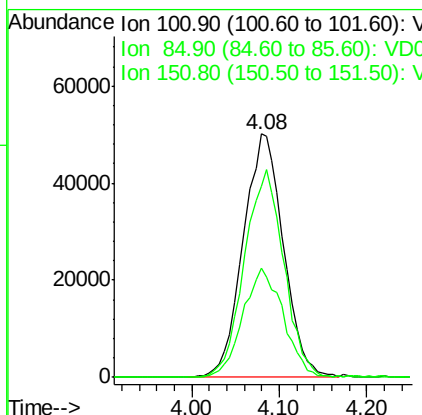
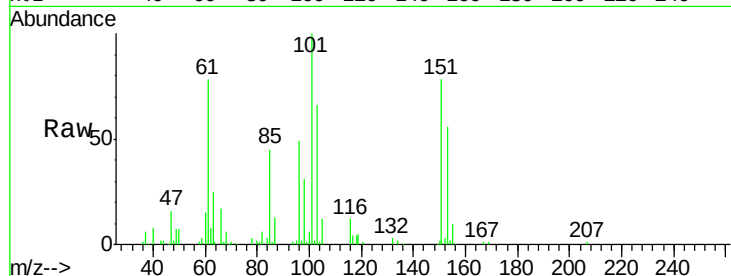
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	157090
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.2	52.8
151	83.4	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.584 ug/l

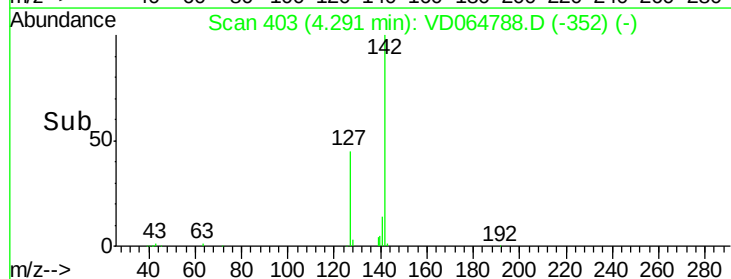
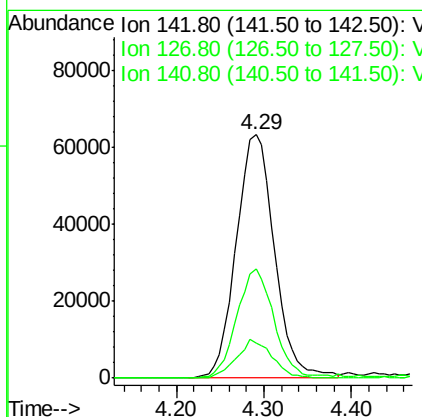
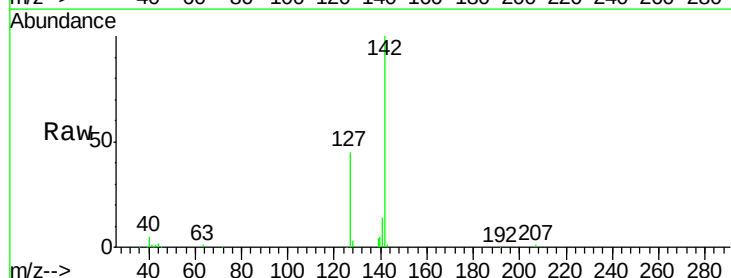
RT: 4.29 min Scan# 403

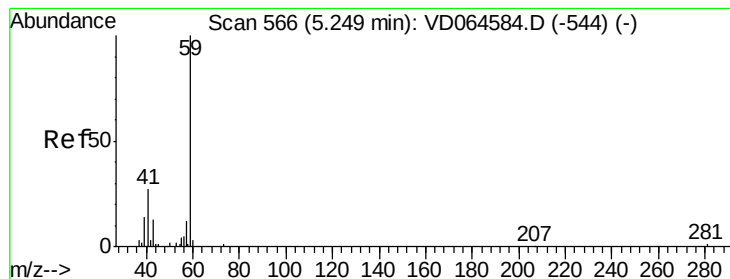
Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	142	Resp:	188087
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.2	54.4
141	14.7	11.8	17.8





#11

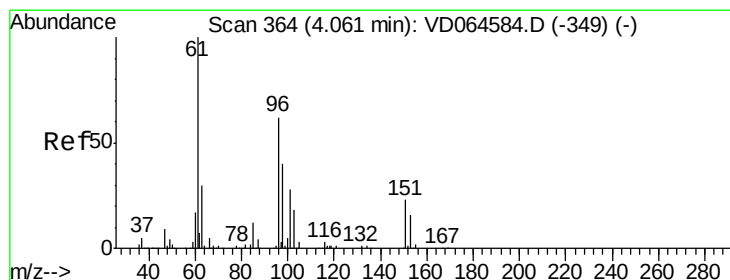
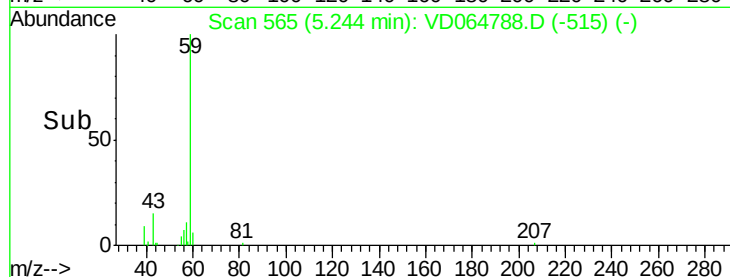
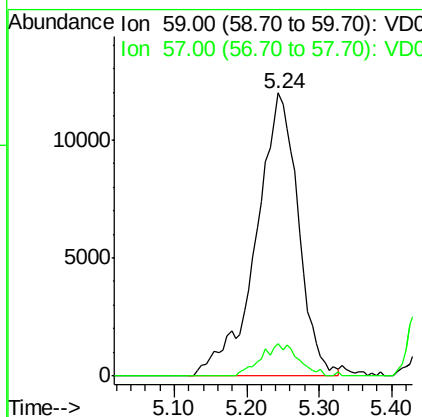
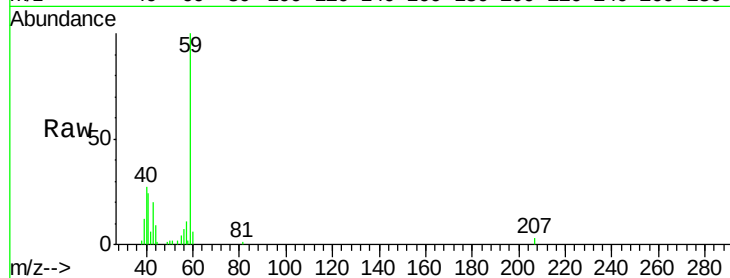
Tert butyl alcohol
Concen: 267.334 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.3	13.9

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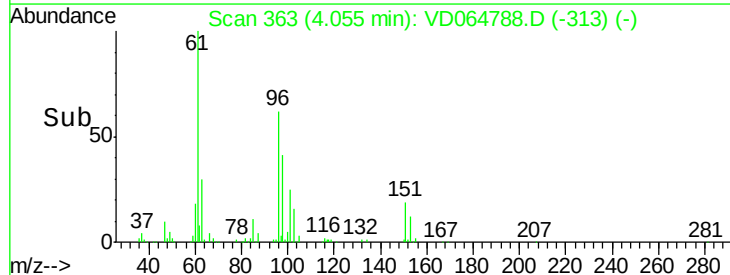
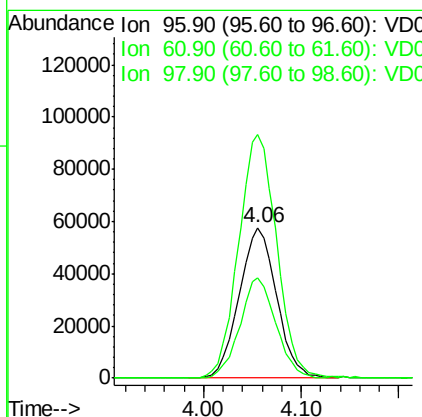
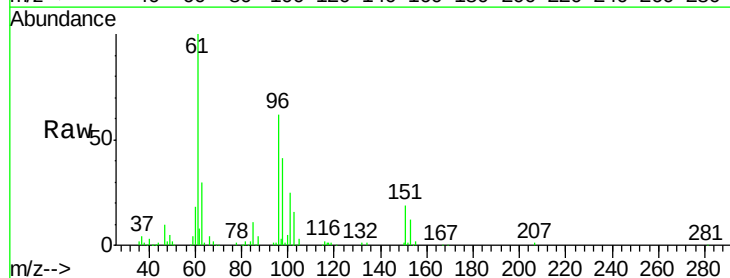
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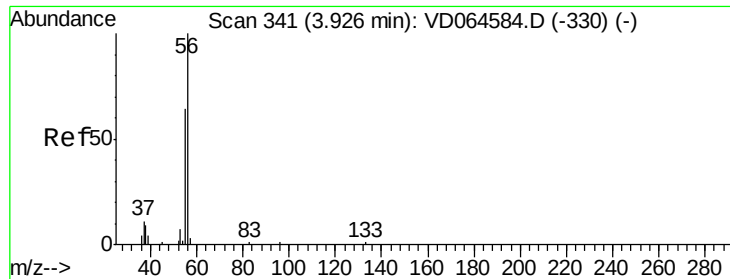


#12

1,1-Dichloroethene
Concen: 48.441 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	129.4	194.0
98	66.8	51.4	77.0





#13

Acrolein

Concen: 219.787 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 55779

Ion Ratio Lower Upper

56 100

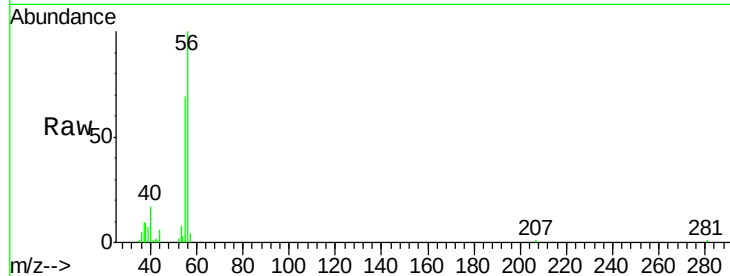
55 69.9 56.7 85.1

Manual Integrations

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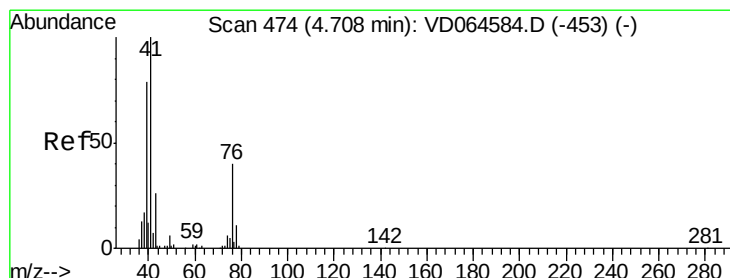
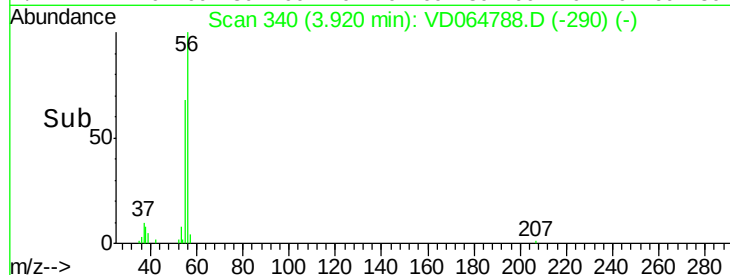
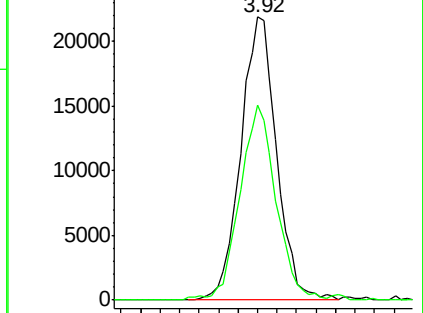
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 52.226 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

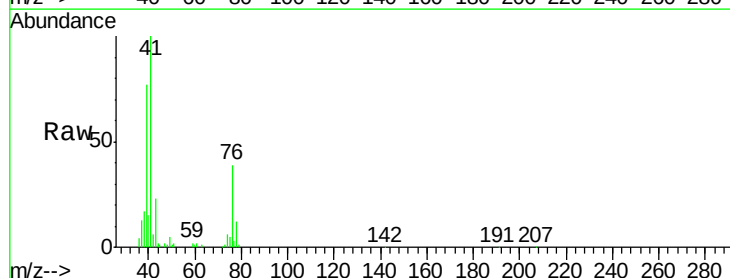
Tgt Ion: 41 Resp: 258146

Ion Ratio Lower Upper

41 100

39 77.3 62.3 93.5

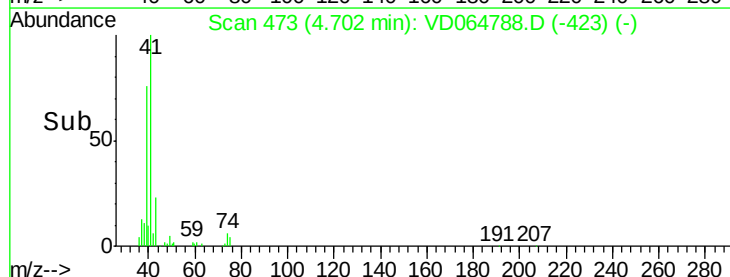
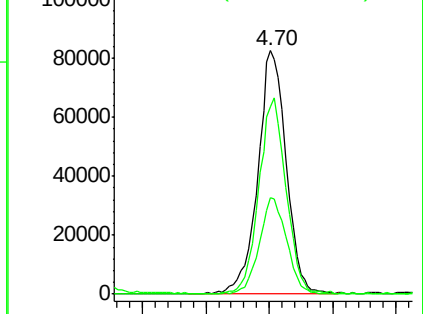
76 37.5 29.7 44.5

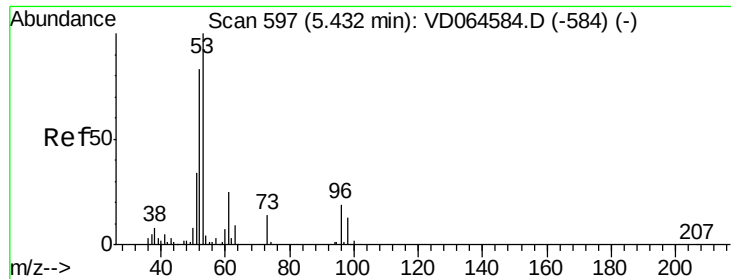


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 255.569 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

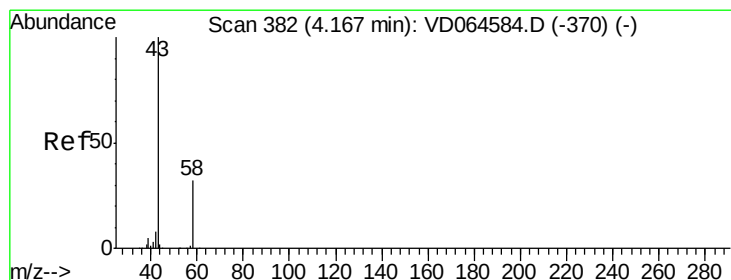
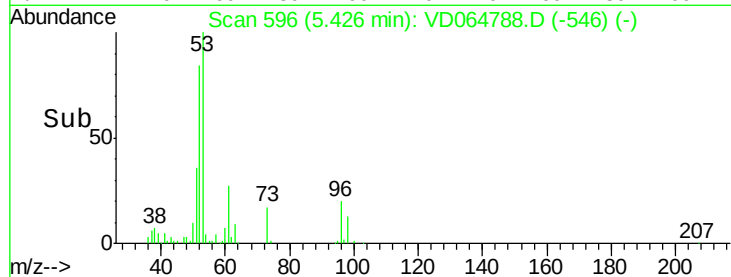
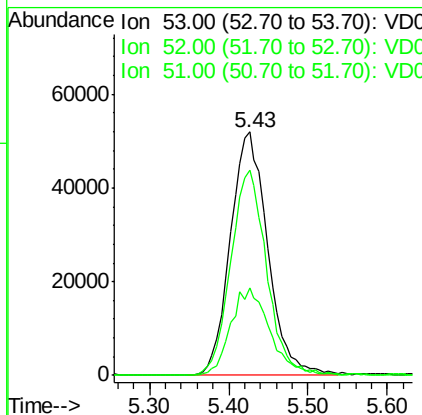
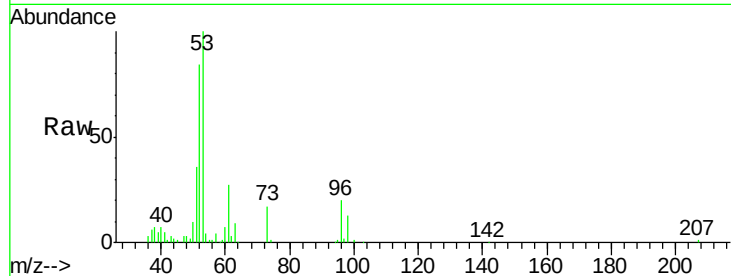
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	169971
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.2	99.2
51	37.6	30.1	45.1

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#16

Acetone

Concen: 299.365 ug/l

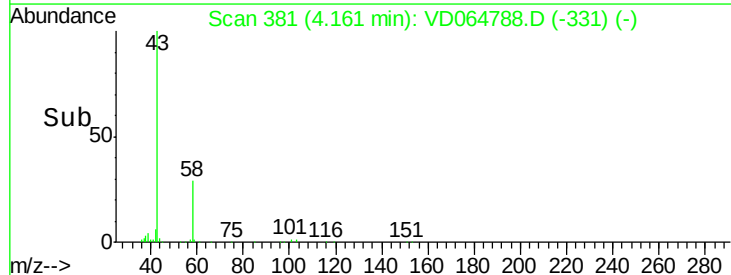
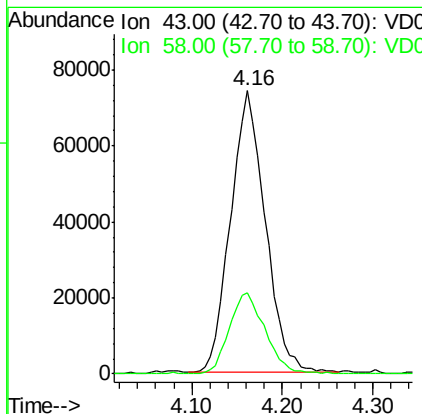
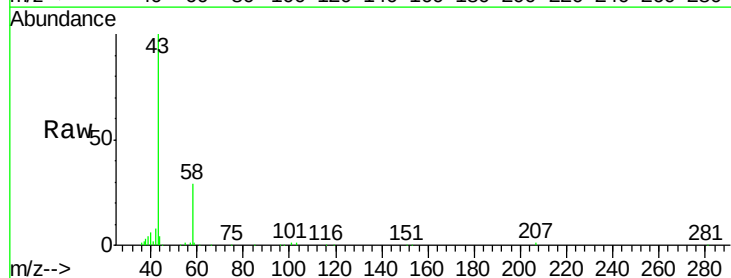
RT: 4.16 min Scan# 381

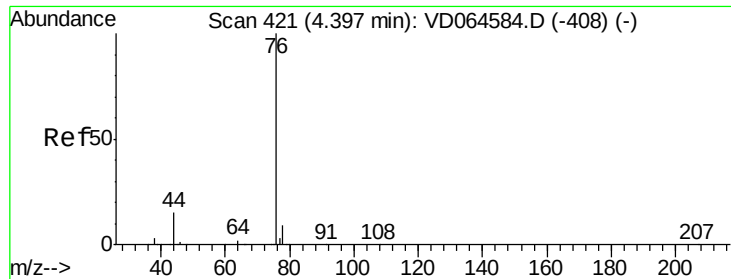
Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	43	Resp:	195967
Ion	Ratio	Lower	Upper
43	100		
58	28.7	25.8	38.6





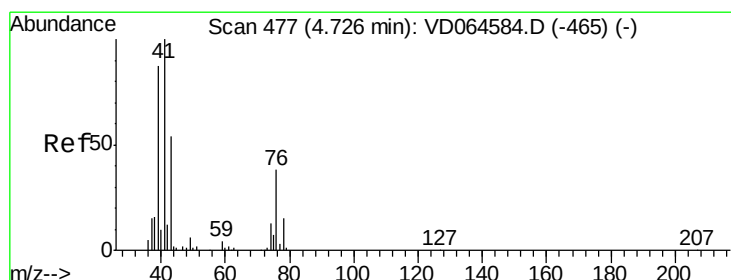
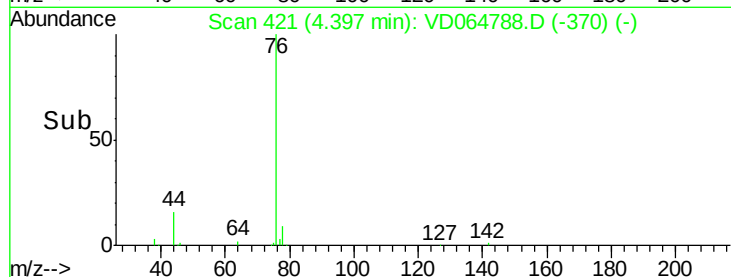
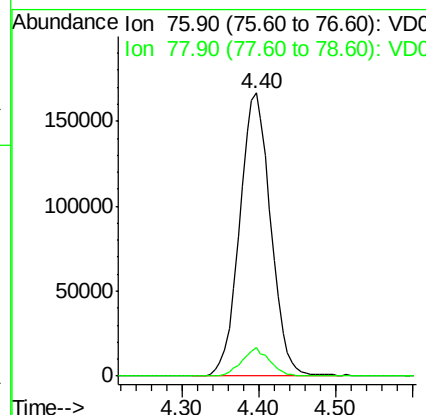
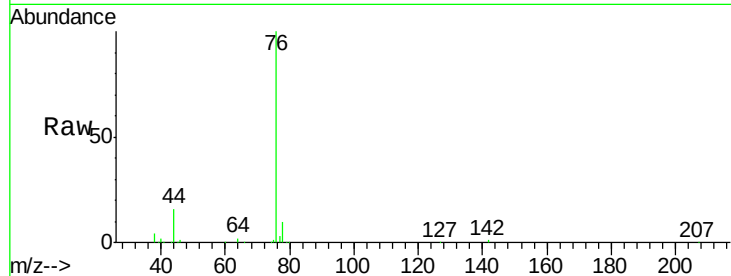
#17
Carbon Disulfide
Concen: 45.885 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 470365
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

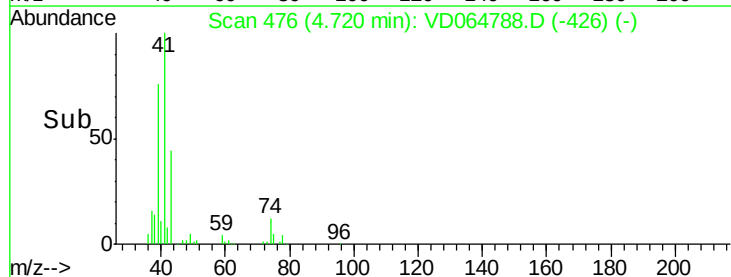
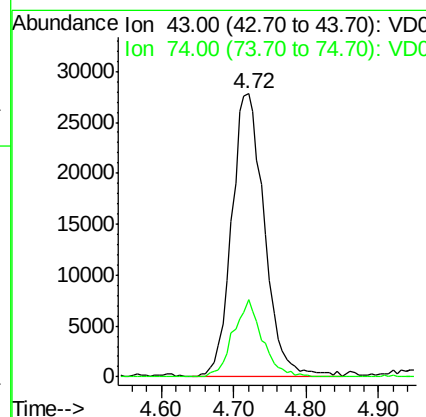
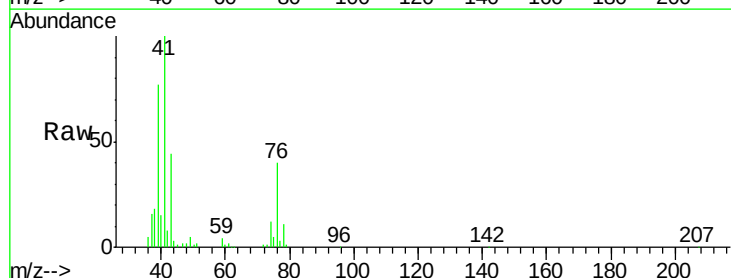
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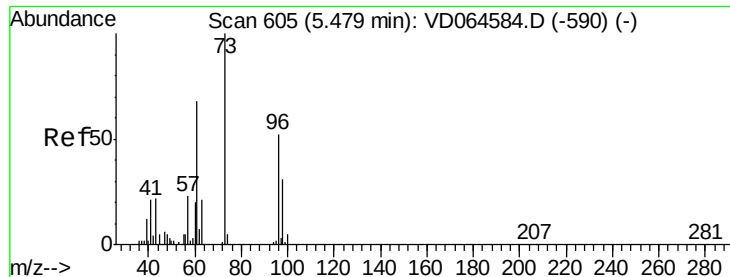
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#18
Methyl Acetate
Concen: 48.851 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion: 43 Resp: 87389
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





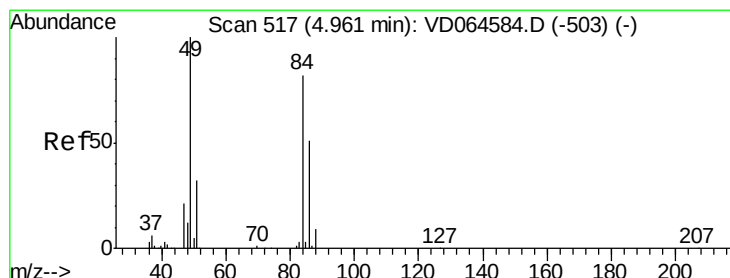
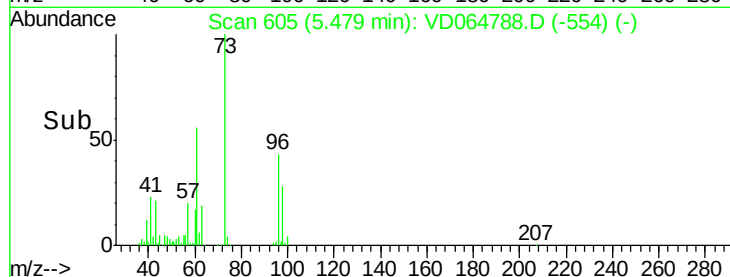
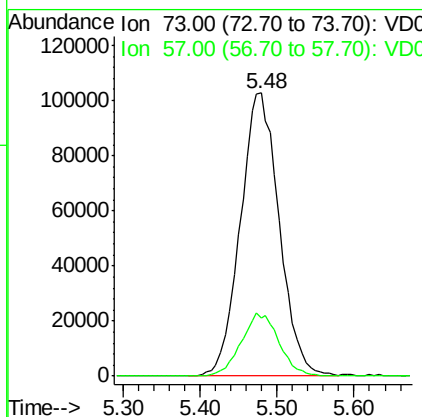
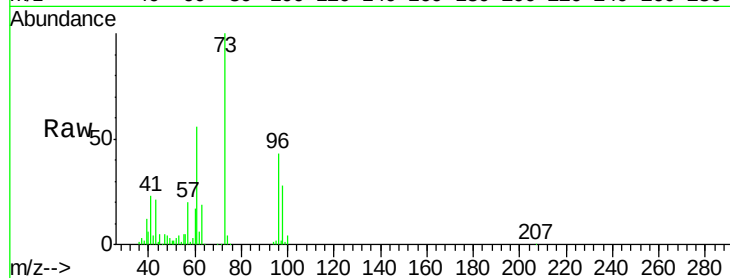
#19
Methyl tert-butyl Ether
Concen: 51.459 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 362355
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8

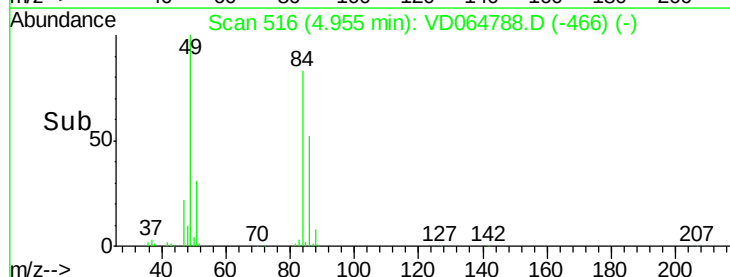
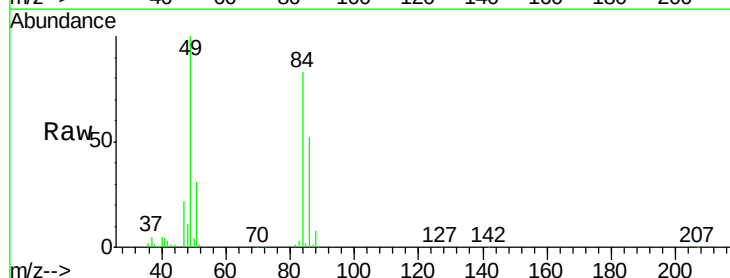
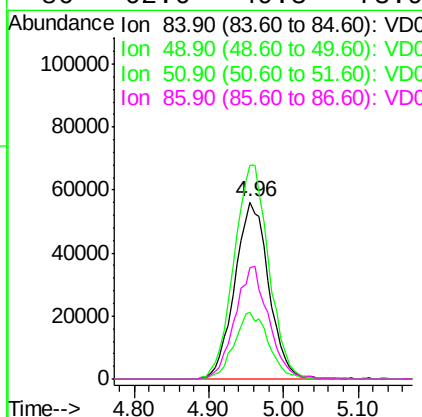
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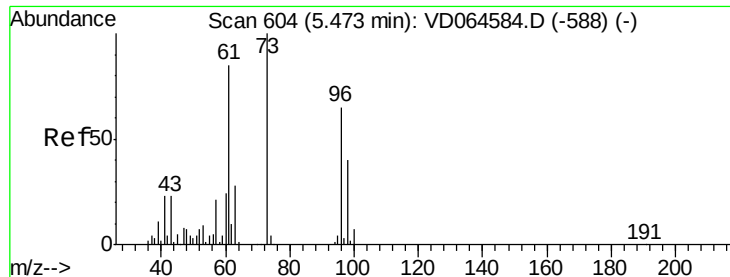
apatel
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#20
Methylene Chloride
Concen: 55.079 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion: 84 Resp: 177376
Ion Ratio Lower Upper
84 100
49 120.7 97.2 145.8
51 37.9 31.4 47.0
86 62.6 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 50.735 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 183176

Ion Ratio Lower Upper

96 100

61 132.6 104.7 157.1

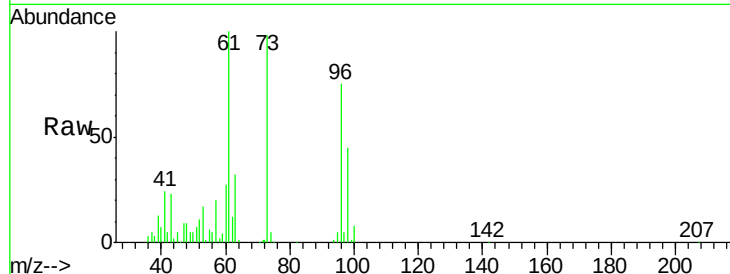
98 60.0 49.4 74.2

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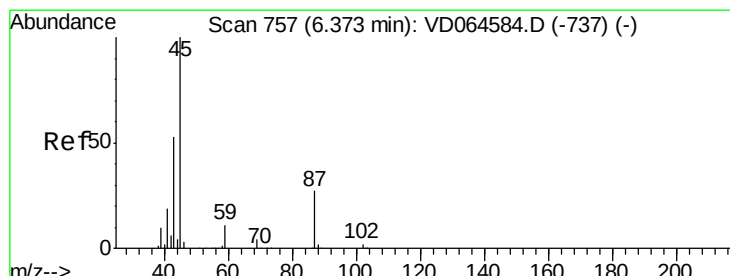
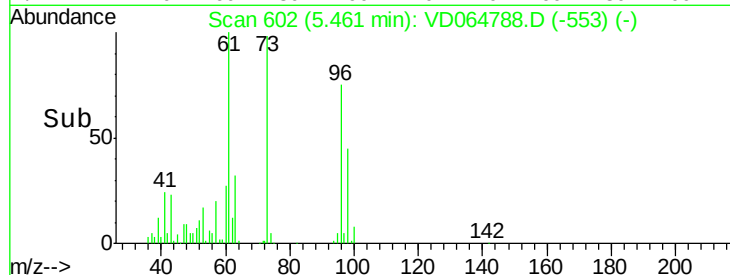
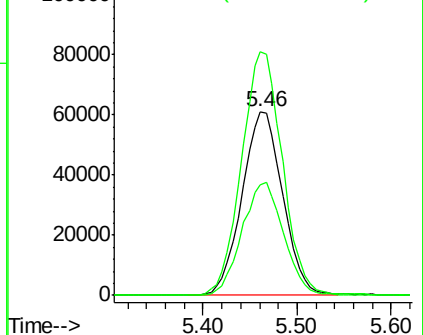
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Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 53.102 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion: 45 Resp: 523530

Ion Ratio Lower Upper

45 100

43 56.1 43.2 64.8

87 26.6 21.9 32.9

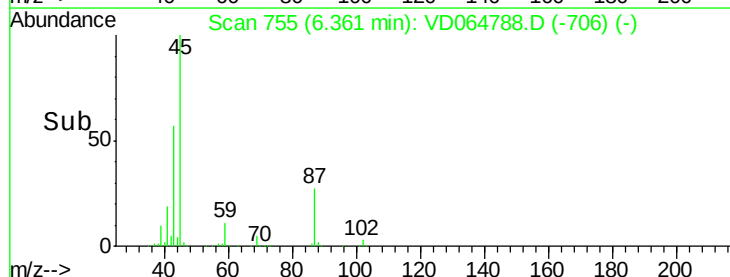
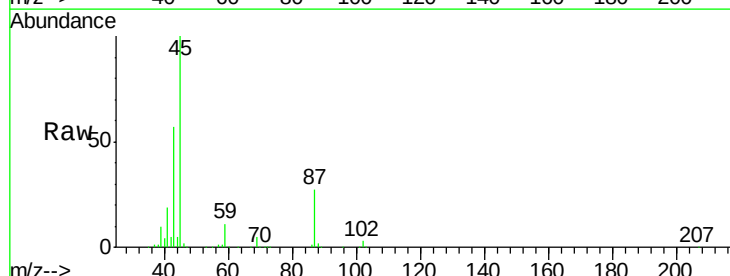
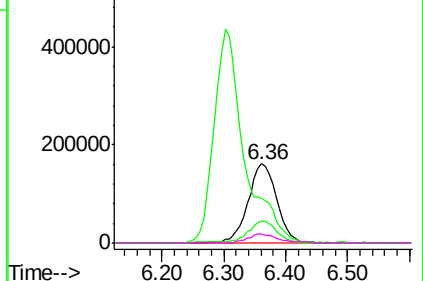
59 10.5 9.0 13.4

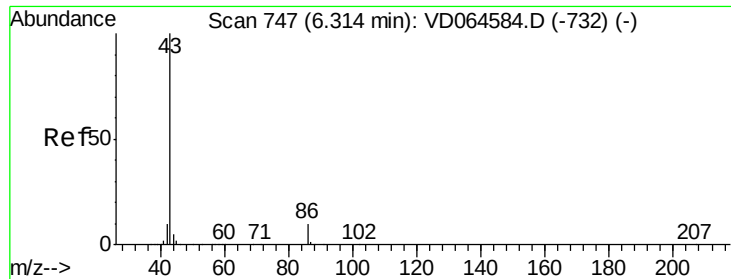
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 263.655 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1474510

Ion Ratio Lower Upper

43 100

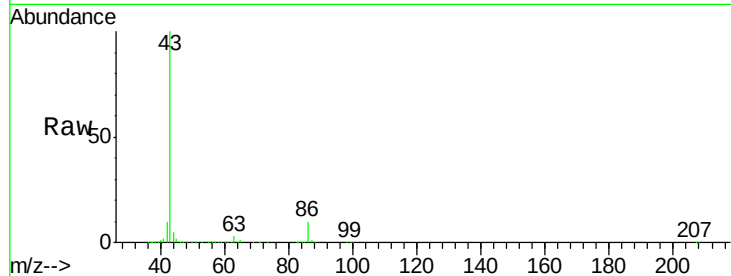
86 10.4 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

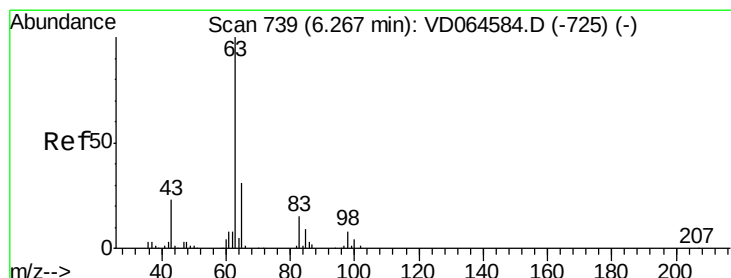
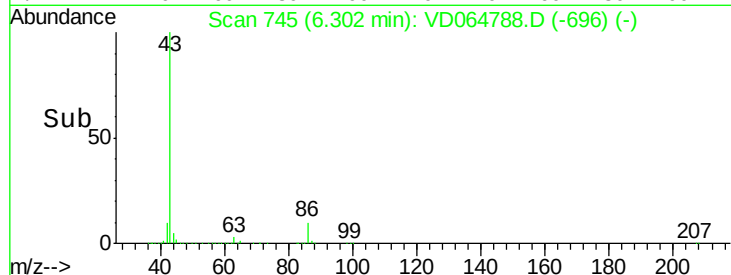
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.933 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

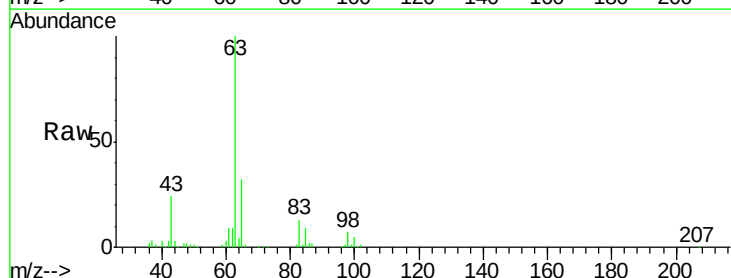
Tgt Ion: 63 Resp: 313287

Ion Ratio Lower Upper

63 100

98 7.3 4.1 12.3

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

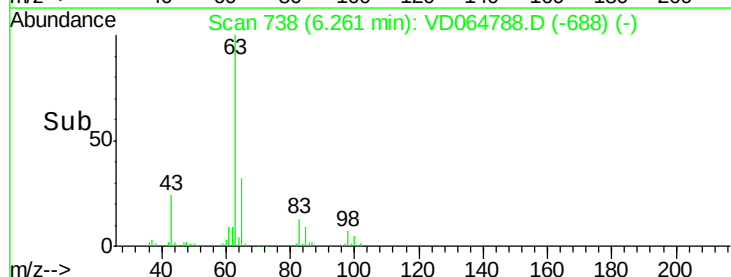
6.26

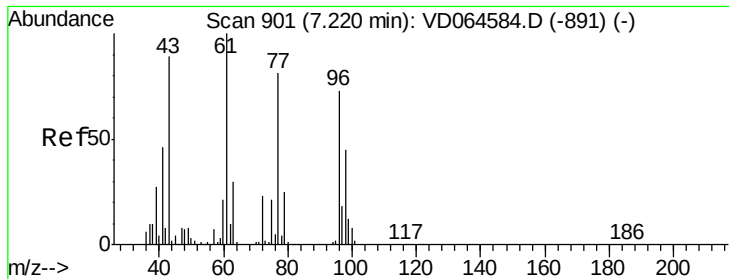
100000

50000

0

Time-->





#25

2-Butanone

Concen: 269.406 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 235302

Ion Ratio Lower Upper

43 100

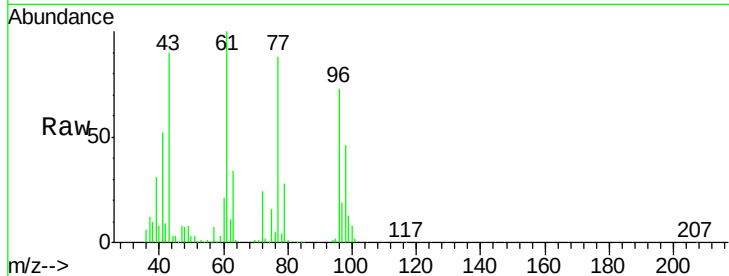
72 26.1 20.7 31.1

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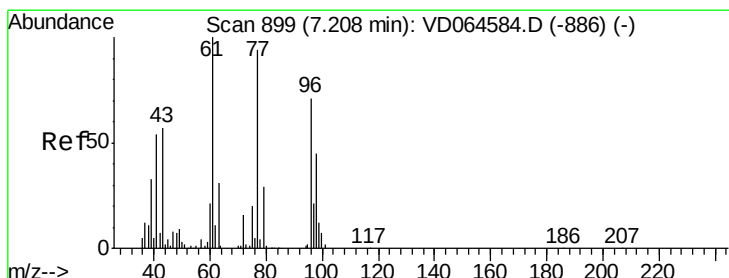
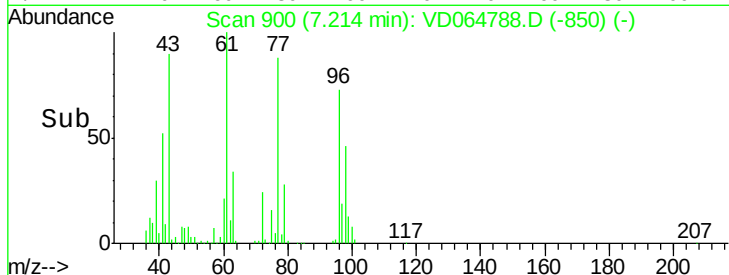
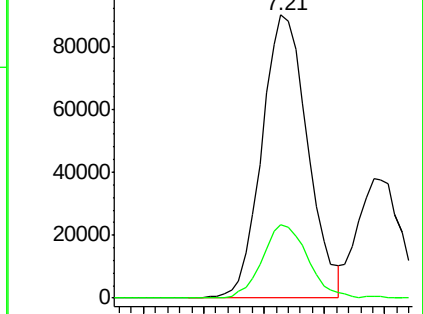
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 52.280 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064788.D

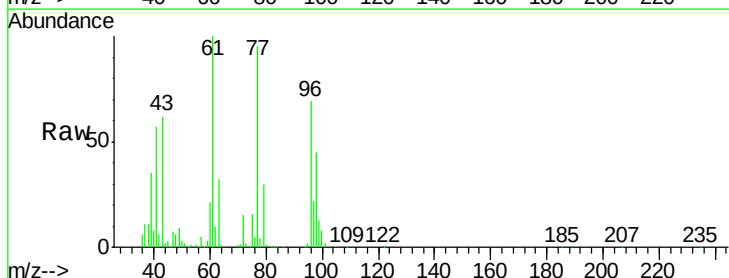
Acq: 07 Jan 2020 12:08

Tgt Ion: 77 Resp: 287689

Ion Ratio Lower Upper

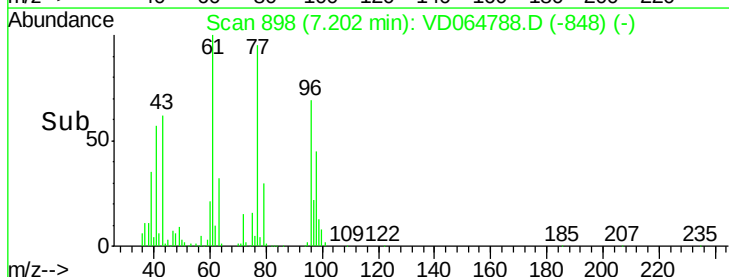
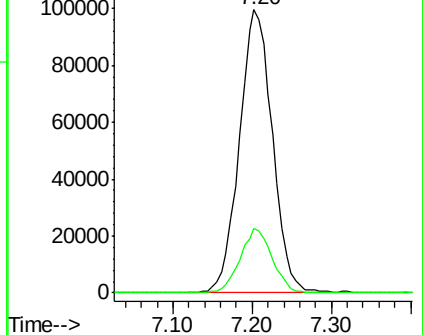
77 100

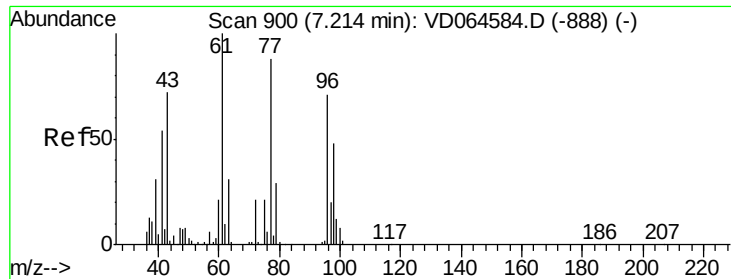
97 22.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 52.329 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

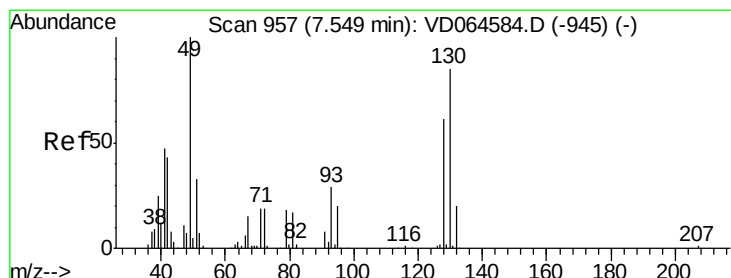
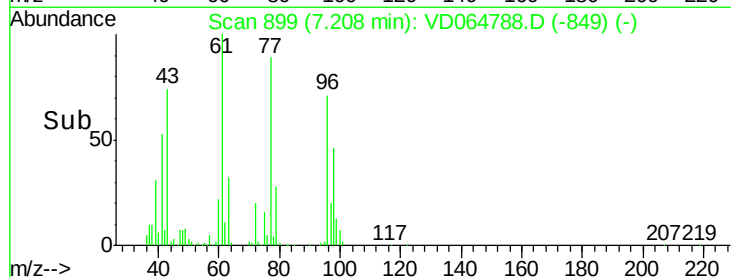
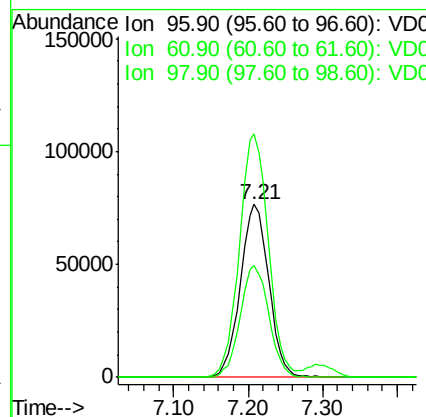
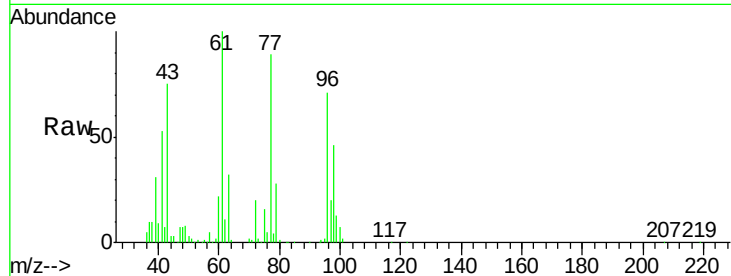
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	203898		
61	142.6	0.0	282.6	
98	64.7	0.0	130.8	

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#28

Bromochloromethane

Concen: 53.704 ug/l

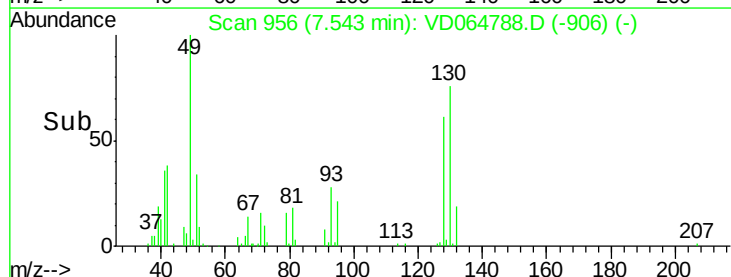
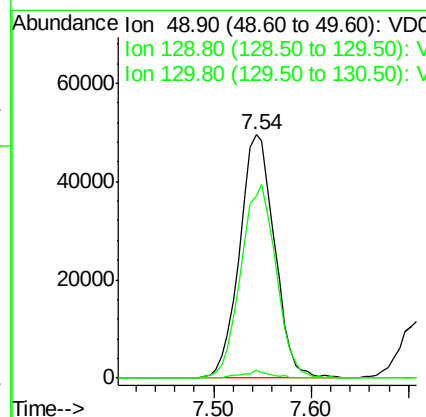
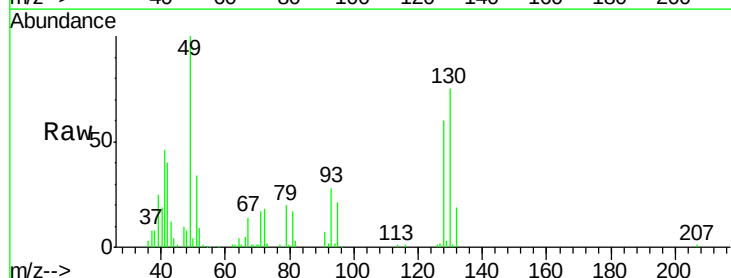
RT: 7.54 min Scan# 956

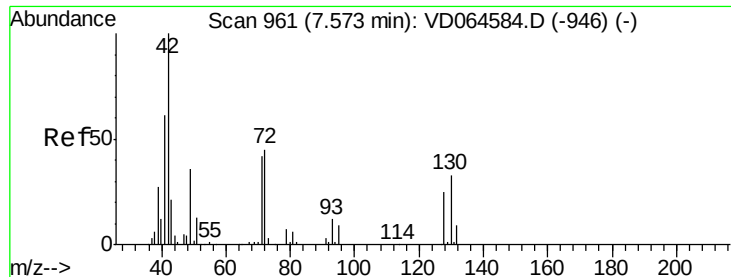
Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123559		
129	2.5	0.0	4.8	
130	80.3	65.0	97.6	





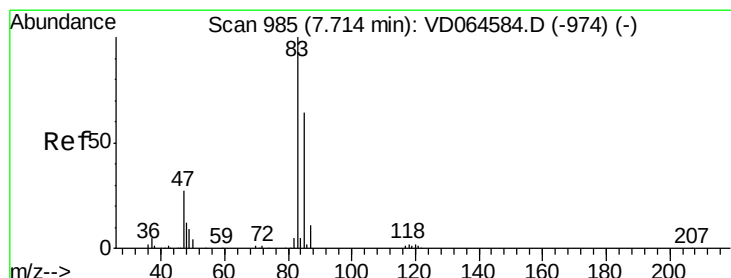
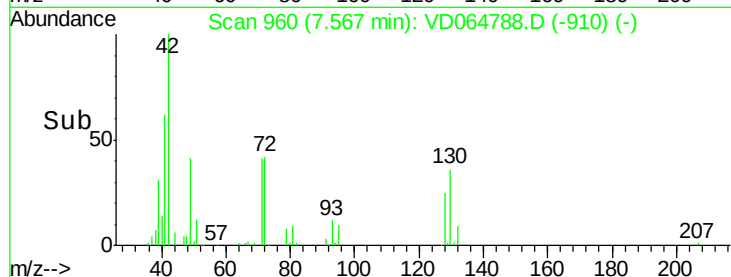
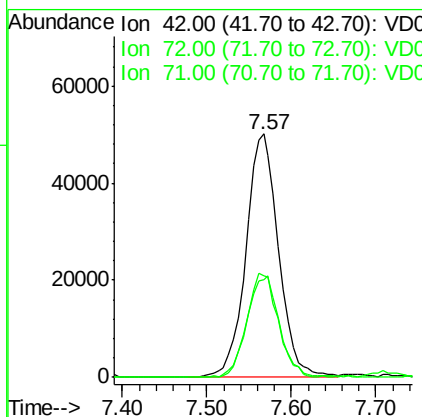
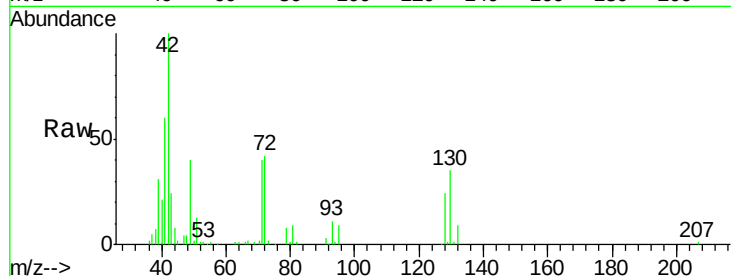
#29
Tetrahydrofuran
Concen: 248.061 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	35.0	52.4
71	40.3	32.9	49.3

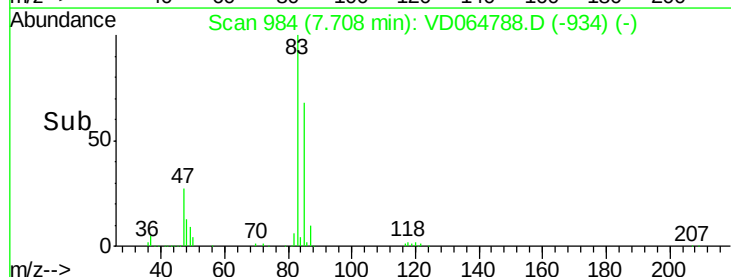
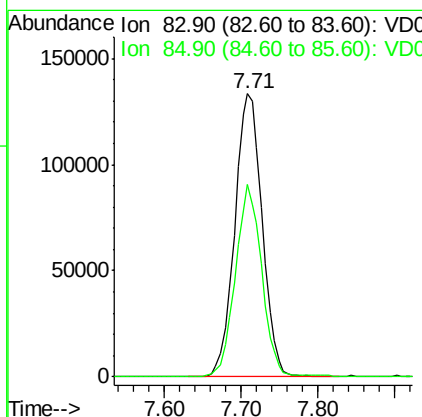
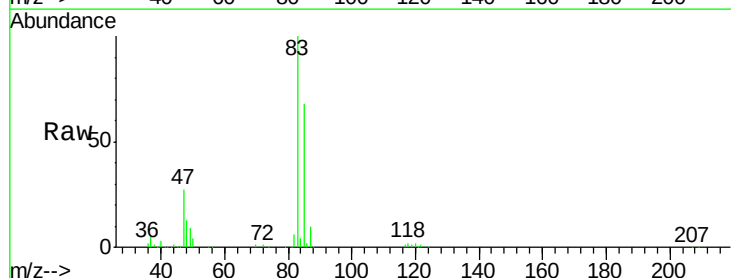
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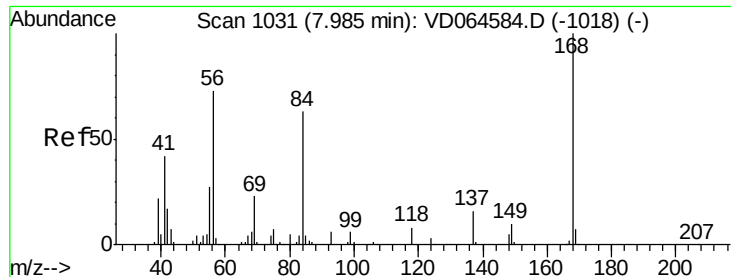
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#30
Chloroform
Concen: 53.550 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.1	76.7





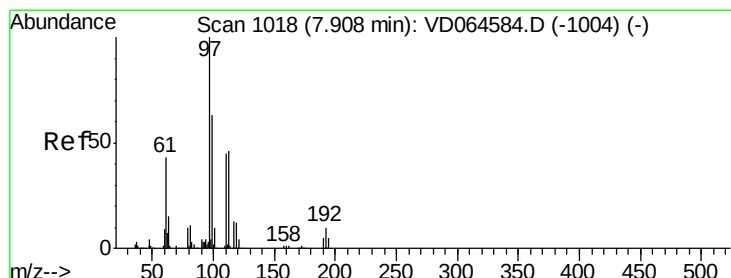
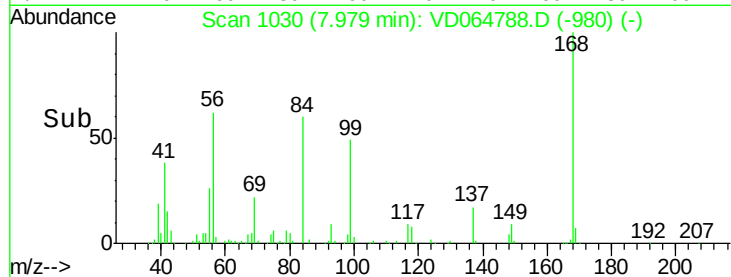
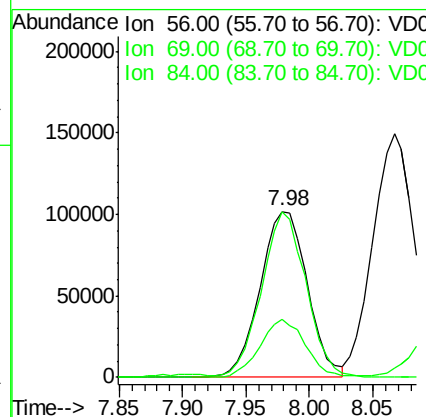
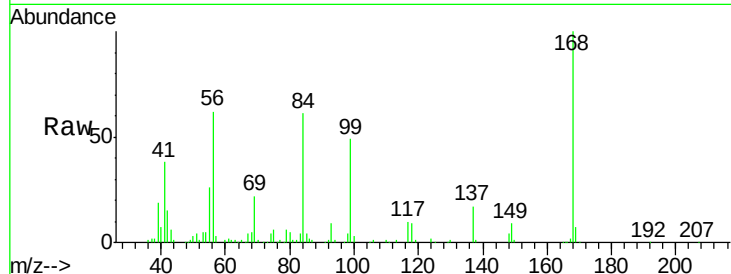
#31
Cyclohexane
Concen: 44.589 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.2	24.7	37.1
84	97.5	69.4	104.2

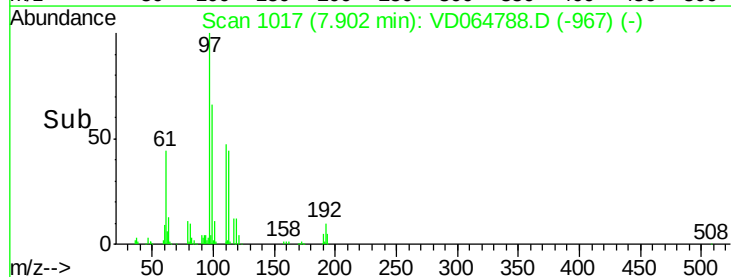
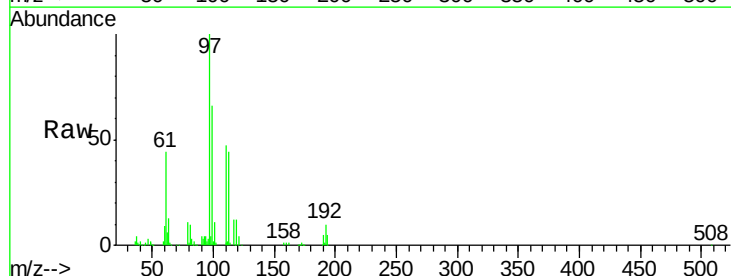
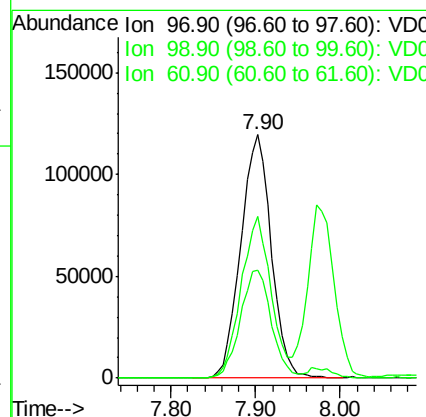
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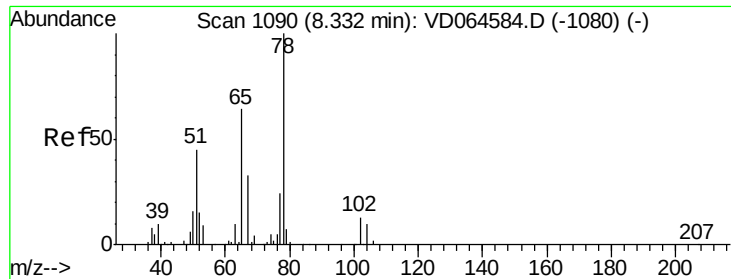
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#32
1,1,1-Trichloroethane
Concen: 51.201 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.0	76.6
61	44.7	35.4	53.0





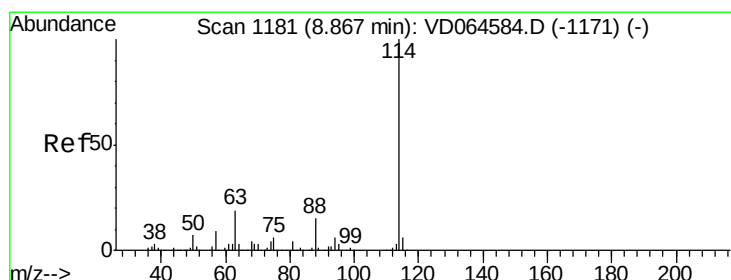
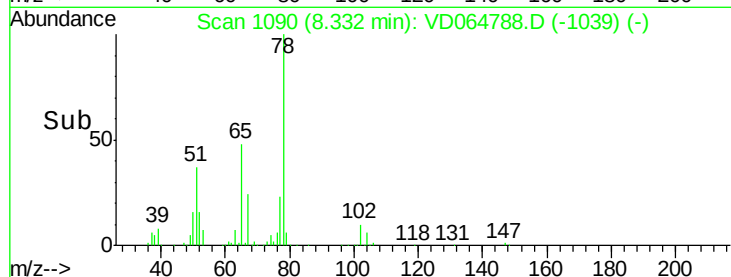
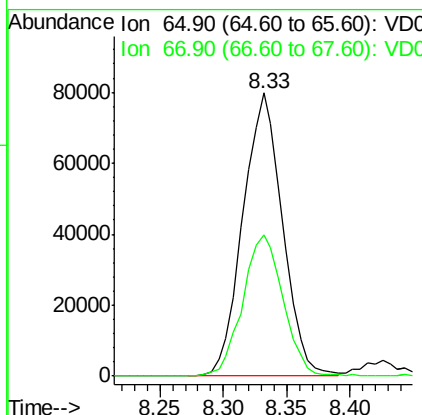
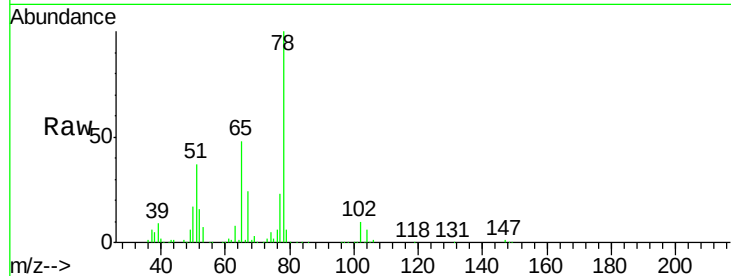
#33
 1,2-Dichloroethane-d4
 Concen: 54.596 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	173478		
67	51.1	0.0	106.2	

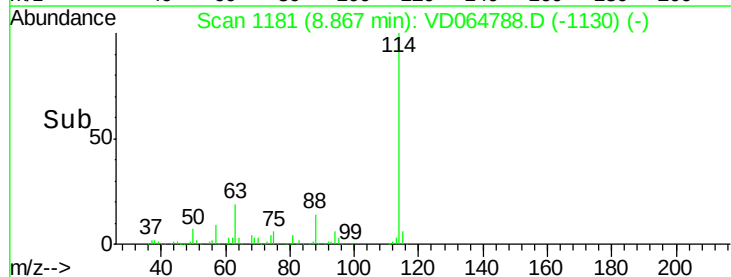
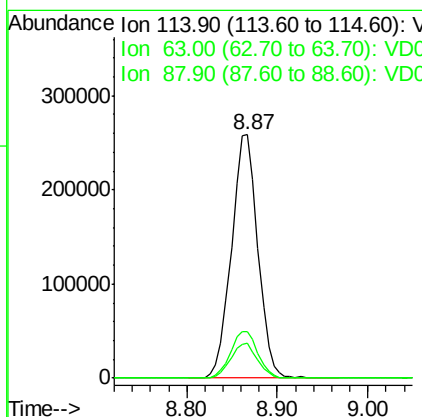
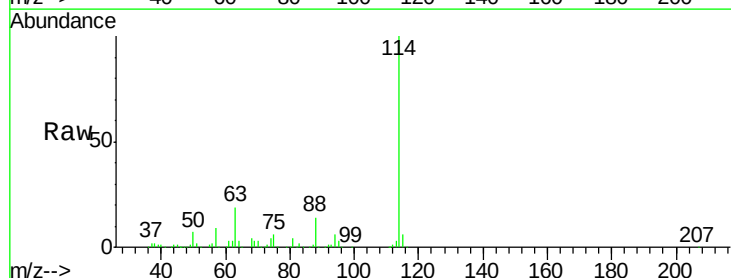
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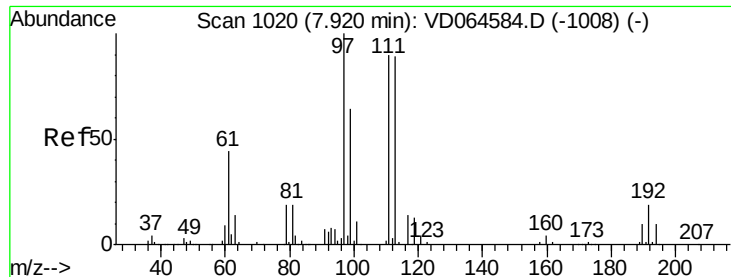
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	525071		
63	18.9	0.0	38.0	
88	14.4	0.0	29.2	





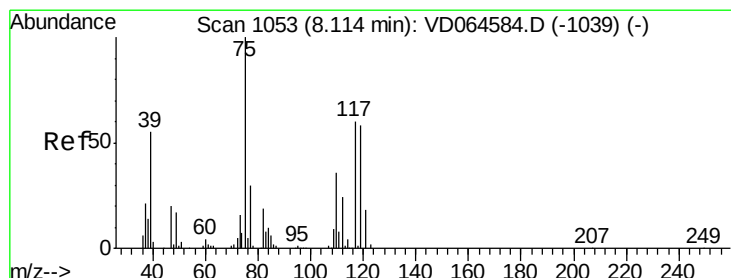
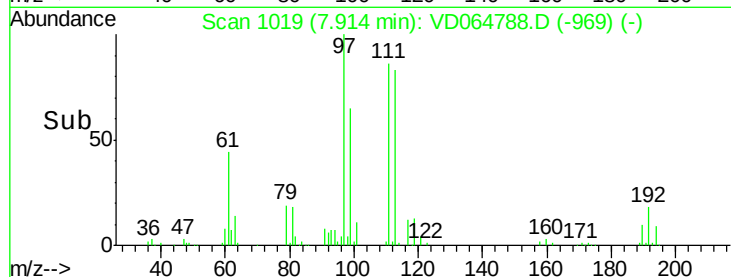
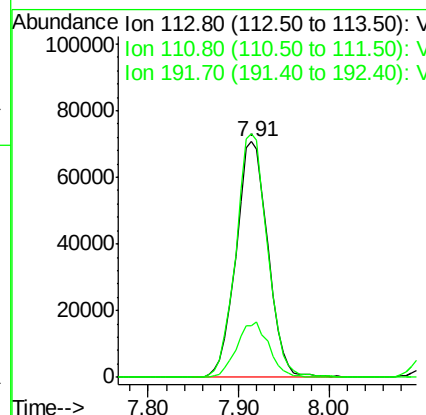
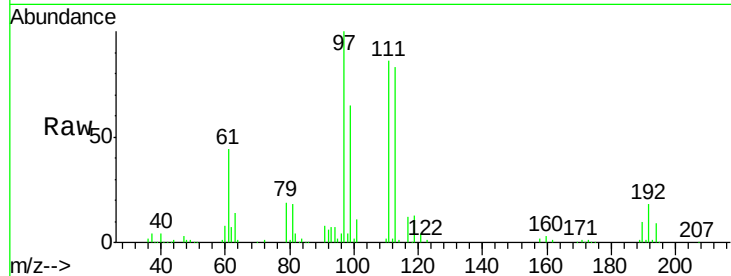
#35
 Dibromofluoromethane
 Concen: 53.663 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	172871		
111	102.3	80.6	121.0	
192	23.6	17.9	26.9	

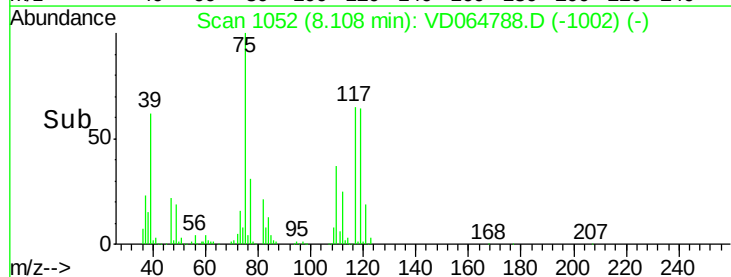
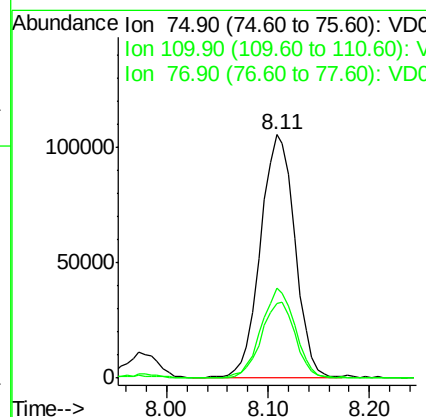
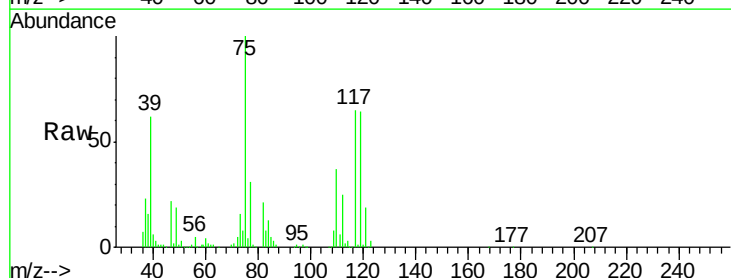
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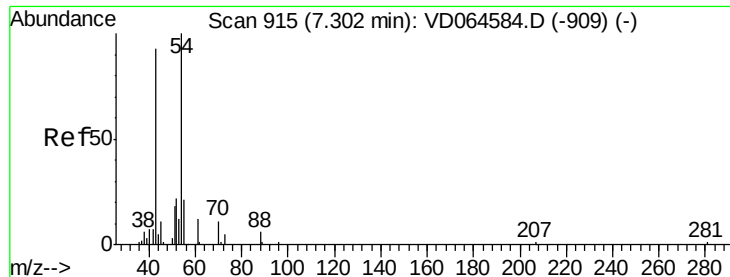
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#36
 1,1-Dichloropropene
 Concen: 49.456 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249940		
110	36.3	18.1	54.1	
77	31.0	24.2	36.4	





#37

Ethyl Acetate

Concen: 47.882 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

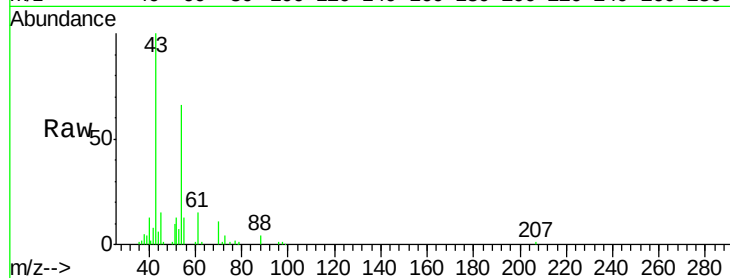
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	95065
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.3	15.5
70	10.3	7.6	11.4

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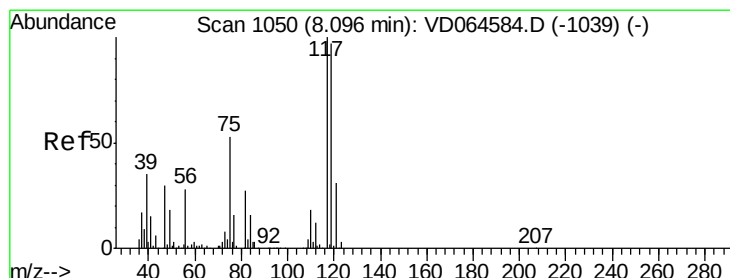
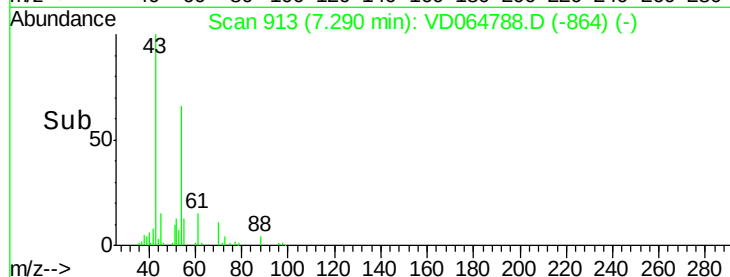
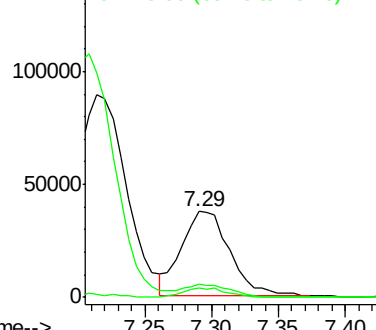


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 51.052 ug/l

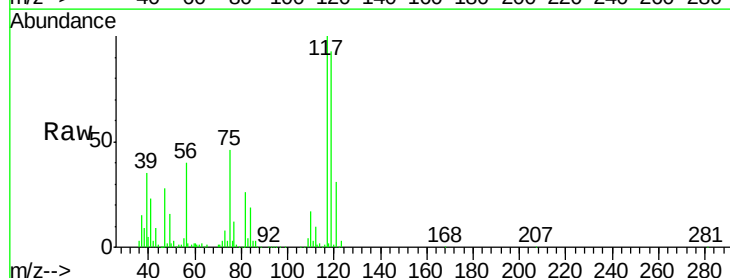
RT: 8.09 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	117	Resp:	275110
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.3	115.9
121	31.4	25.0	37.6

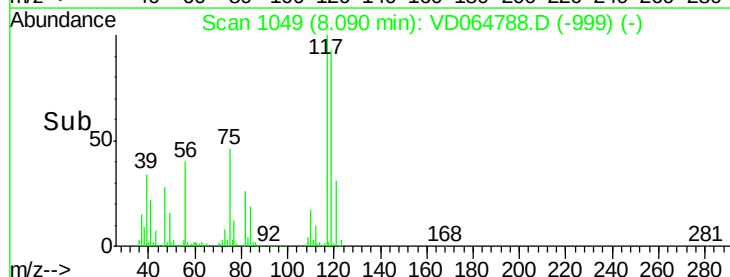
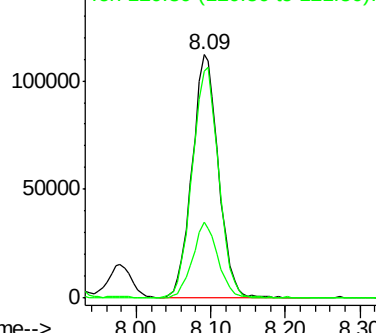


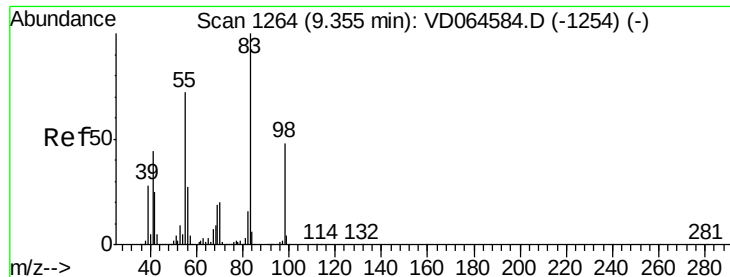
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





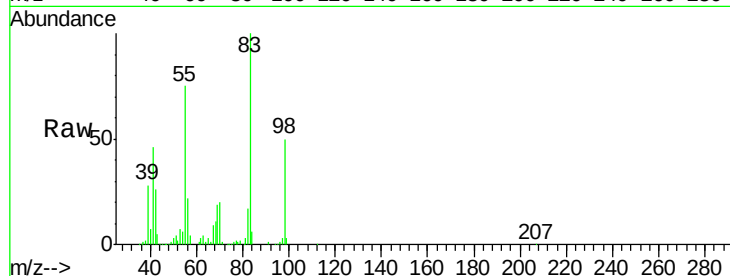
#39
Methylcyclohexane
Concen: 46.681 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

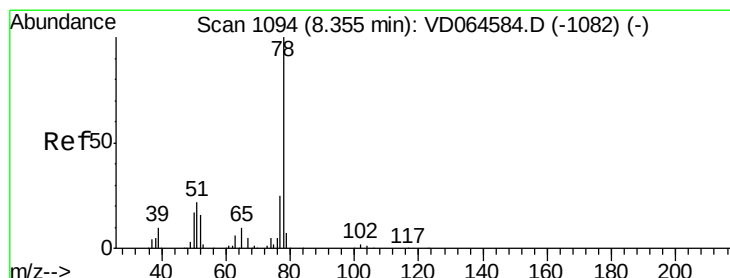
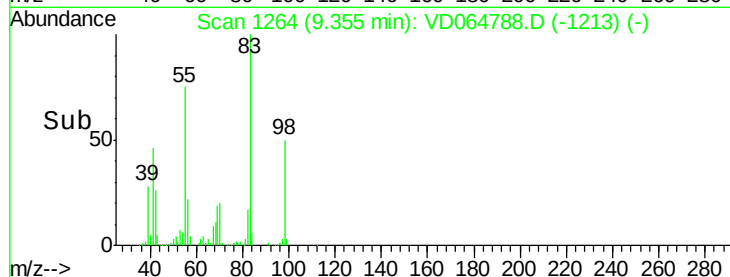
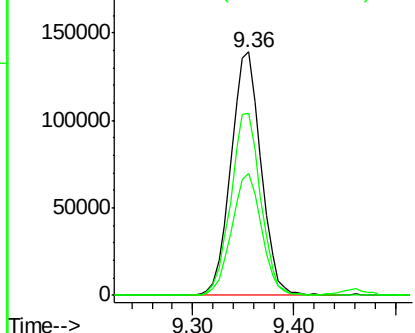
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	285739		
55	74.9		57.8	86.6
98	50.1		38.7	58.1

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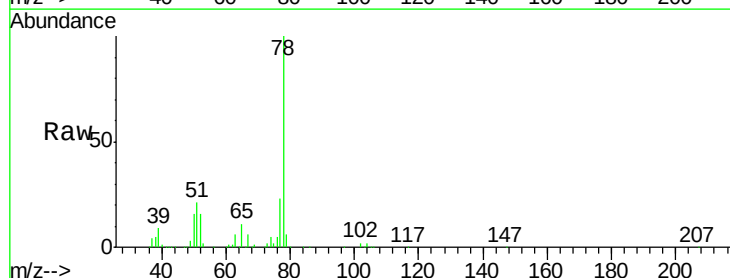


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

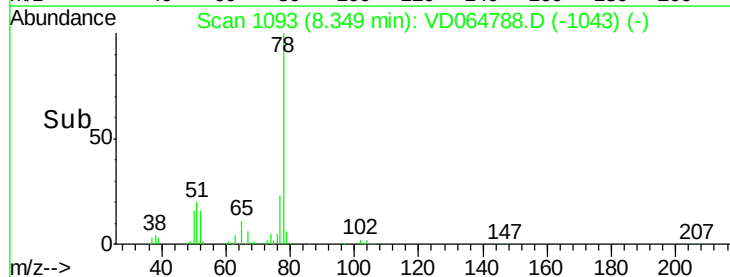
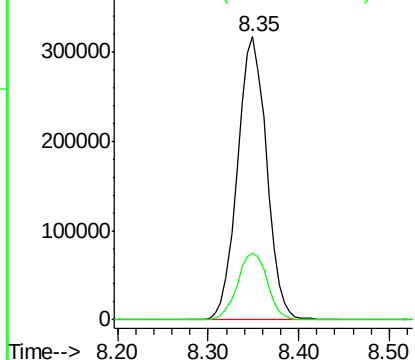


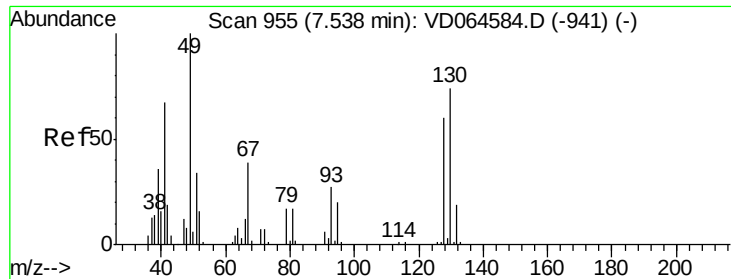
#40
Benzene
Concen: 51.318 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	708002		
77	23.5		19.9	29.9



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





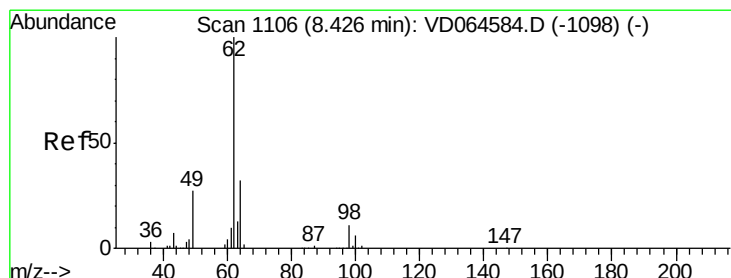
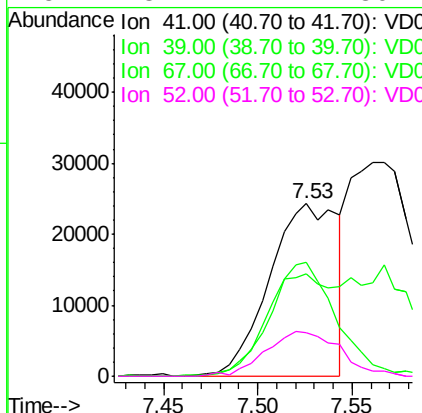
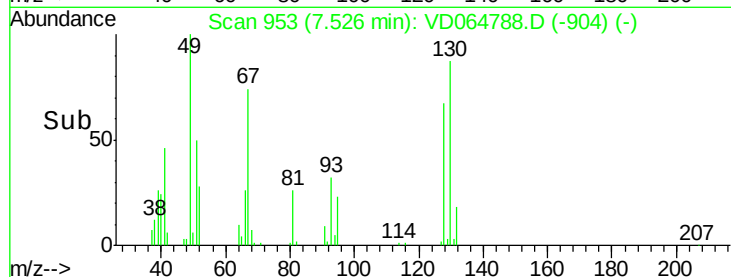
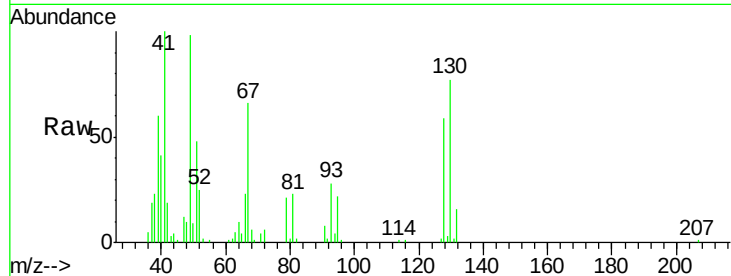
#41
Methacrylonitrile
Concen: 53.657 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	61809
Ion	Ratio	Lower	Upper
41	100		
39	51.5	46.7	70.1
67	65.2	52.5	78.7
52	28.1	24.1	36.1

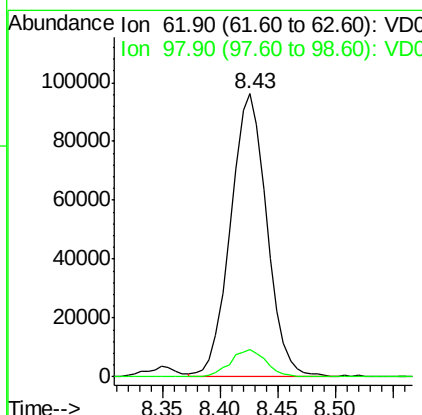
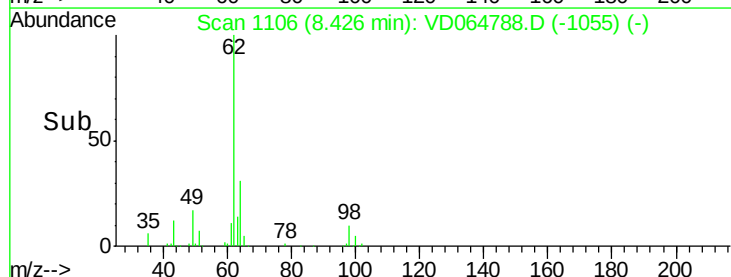
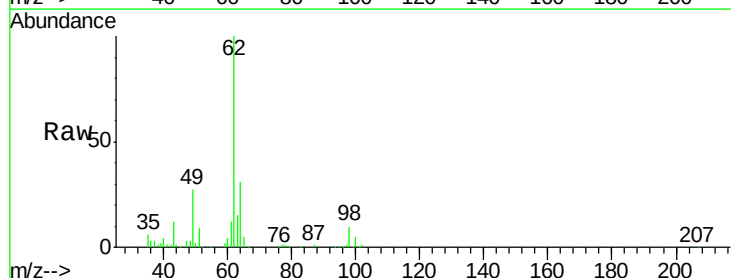
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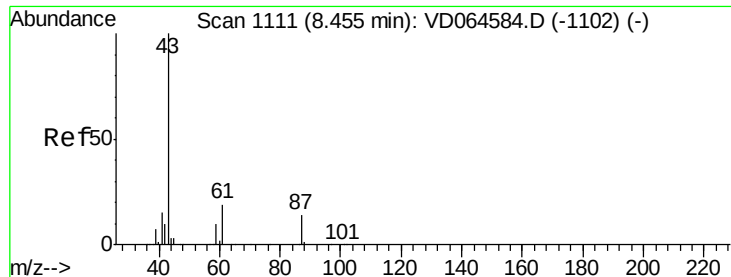
apatel
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#42
1,2-Dichloroethane
Concen: 52.287 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion:	62	Resp:	208457
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 48.527 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

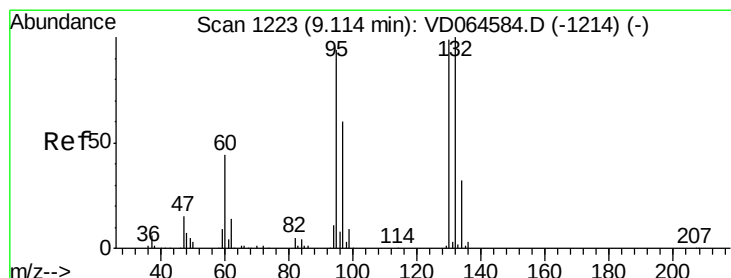
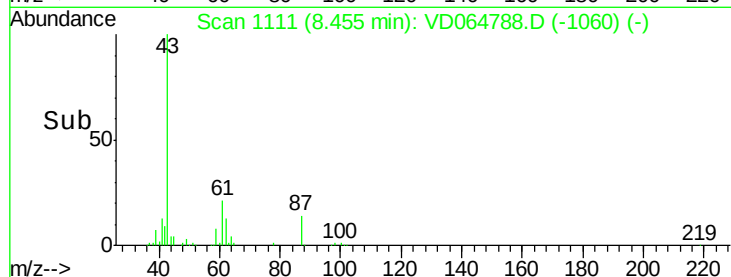
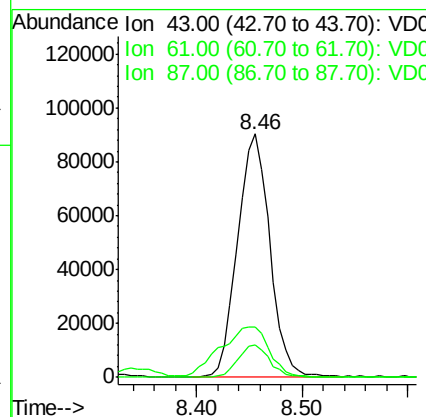
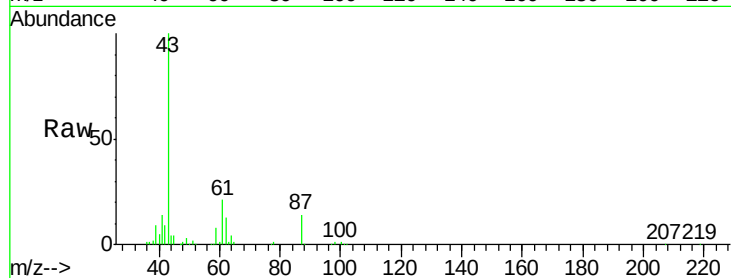
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	191767
Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.7	35.5
87	13.0	10.5	15.7

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#44

Trichloroethene

Concen: 49.685 ug/l

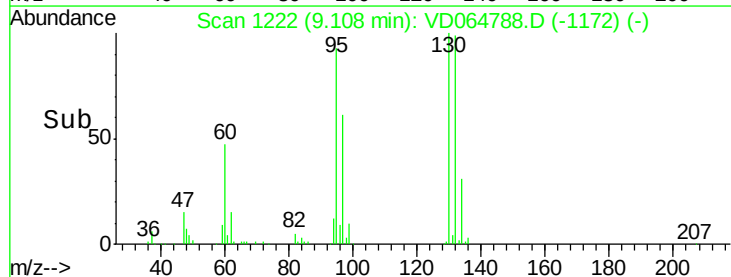
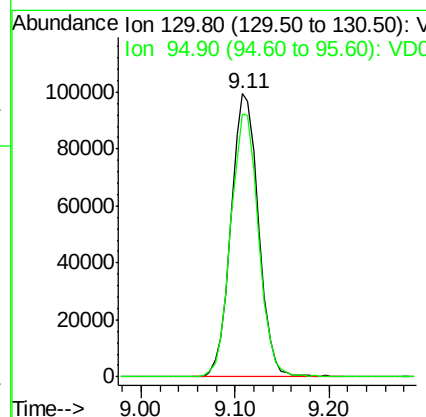
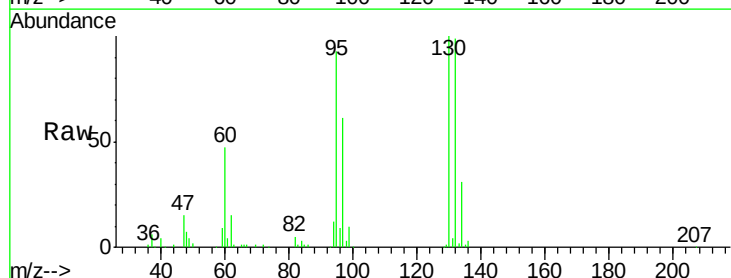
RT: 9.11 min Scan# 1222

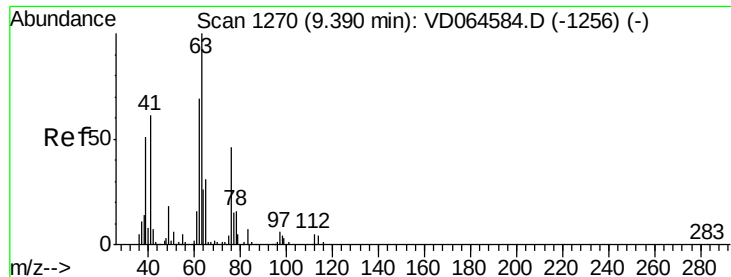
Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	130	Resp:	201369
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	190.2





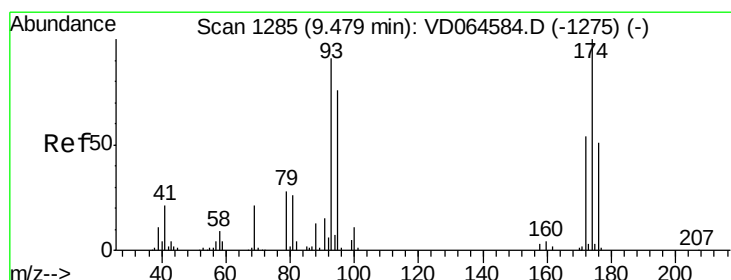
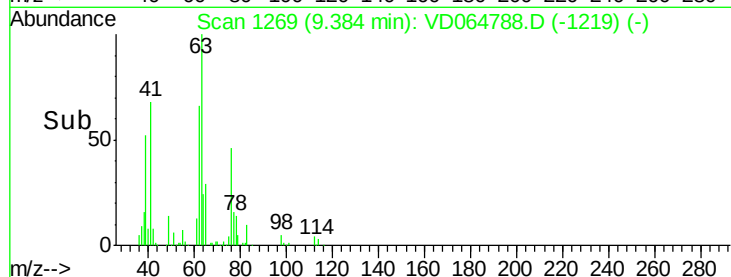
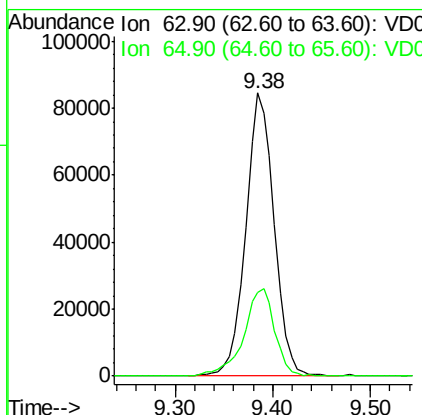
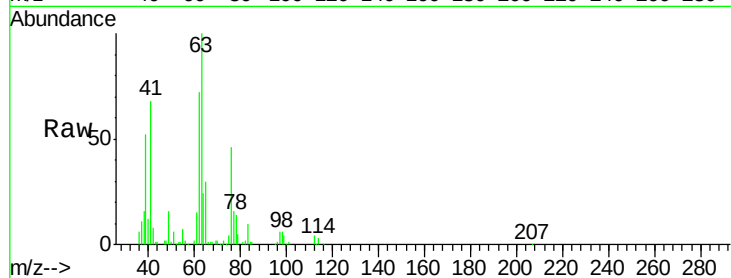
#45
 1,2-Dichloropropane
 Concen: 52.362 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 172482
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.2 37.8

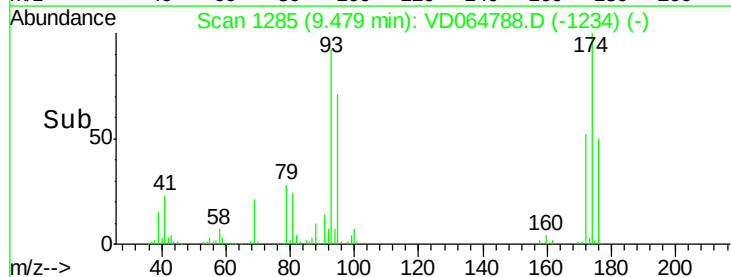
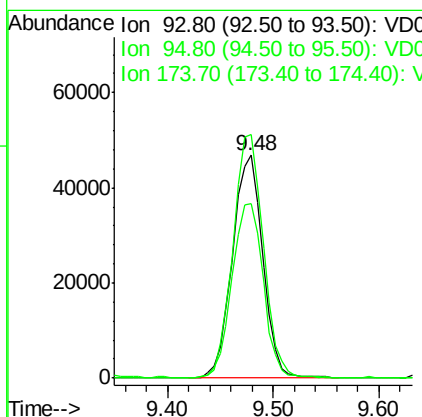
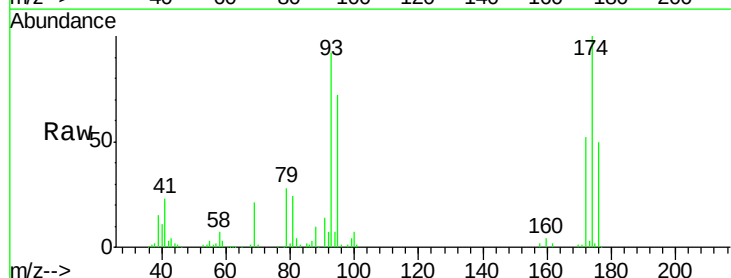
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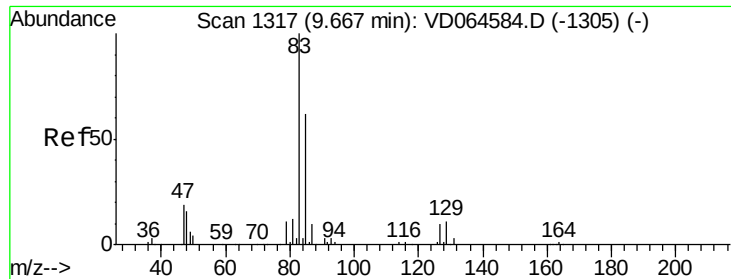
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#46
 Dibromomethane
 Concen: 50.569 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion: 93 Resp: 92872
 Ion Ratio Lower Upper
 93 100
 95 81.1 64.6 97.0
 174 109.9 88.1 132.1





#47

Bromodichloromethane

Concen: 51.907 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

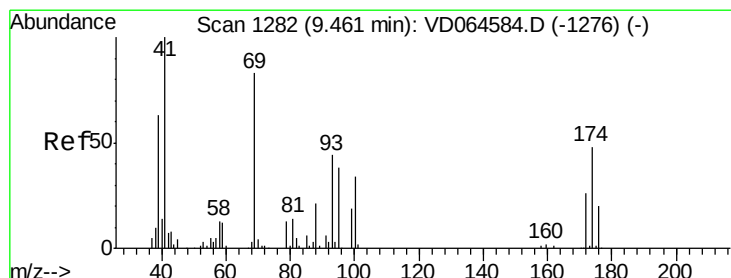
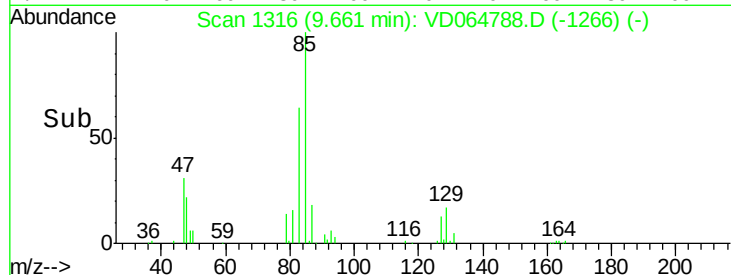
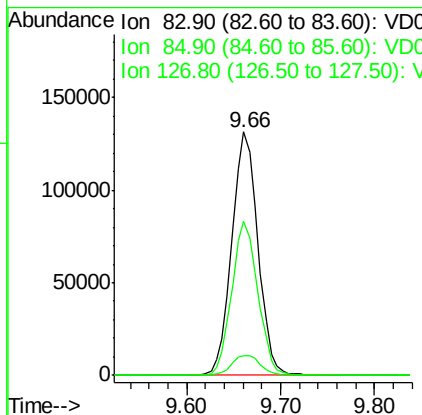
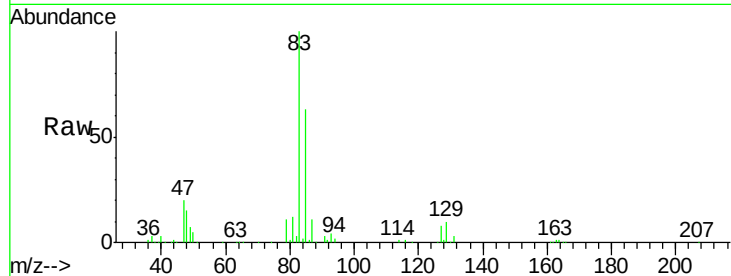
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	253668
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.5	74.3
127	8.2	7.8	11.6

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#48

Methyl methacrylate

Concen: 48.374 ug/l

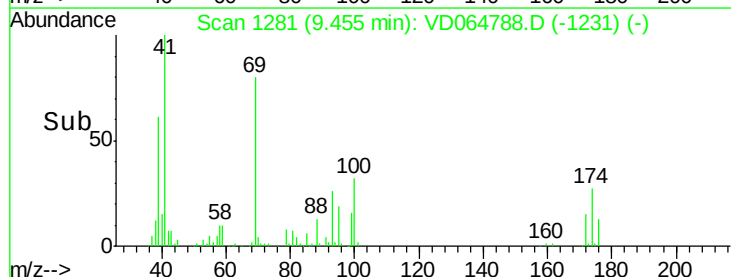
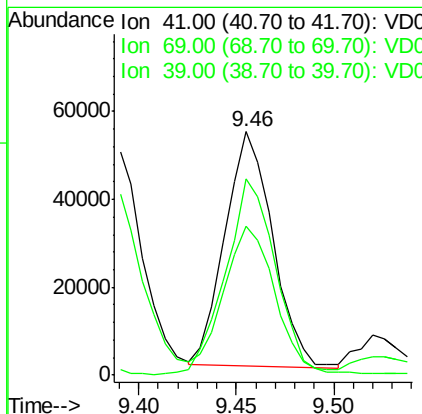
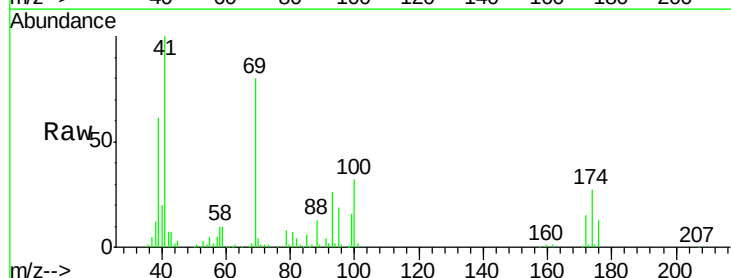
RT: 9.46 min Scan# 1281

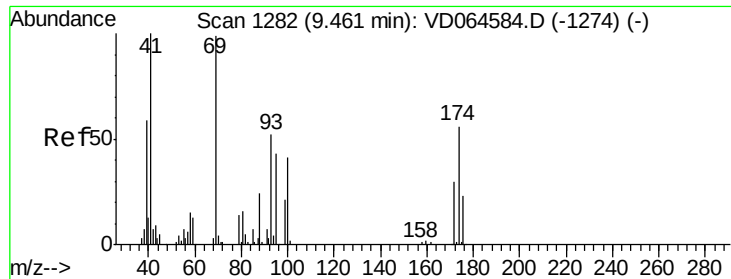
Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	41	Resp:	90009
Ion	Ratio	Lower	Upper
41	100		
69	88.5	63.0	94.6
39	62.6	47.4	71.2





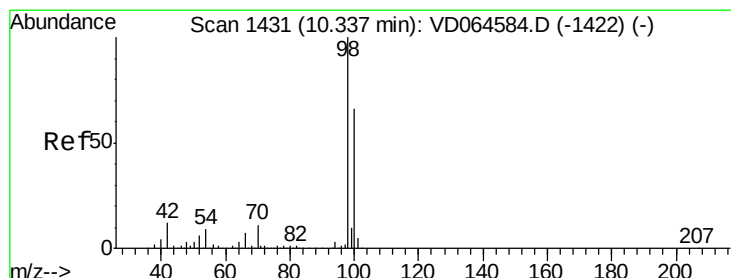
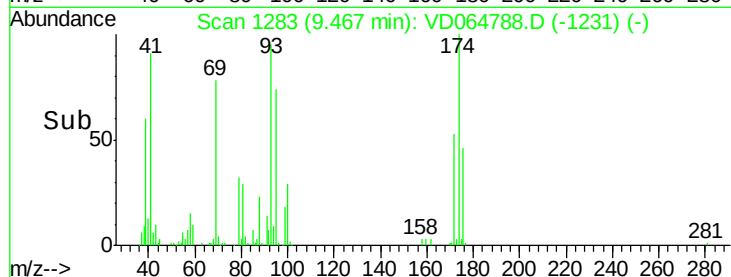
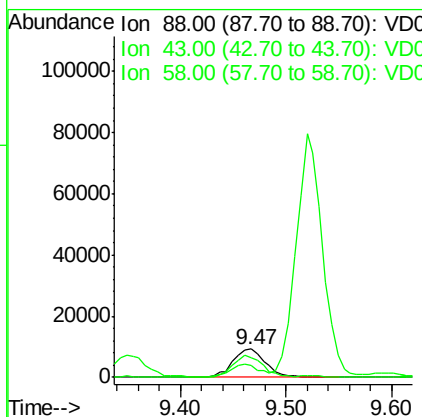
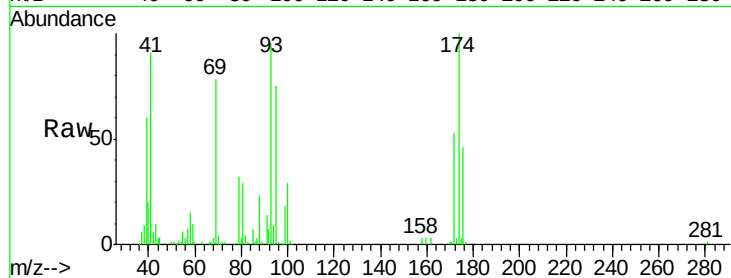
#49
1,4-Dioxane
Concen: 935.986 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.7	27.7	41.5
58	71.9	53.8	80.6

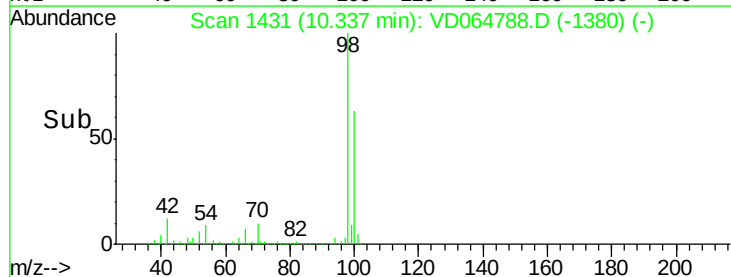
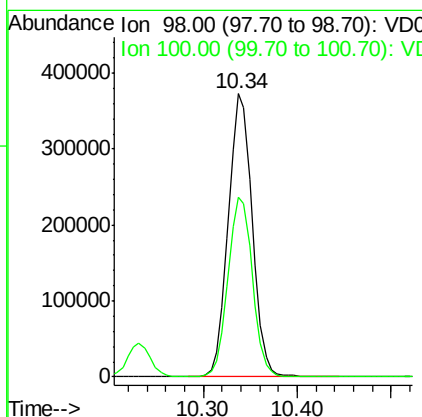
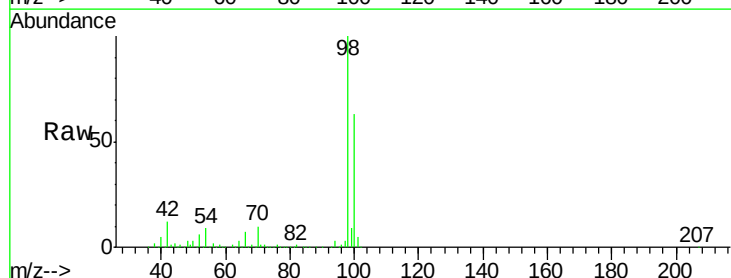
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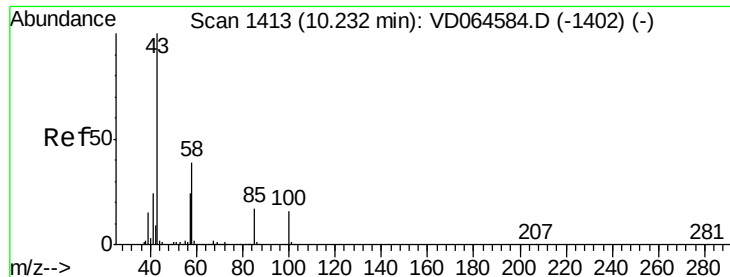
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#50
Toluene-d8
Concen: 53.613 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





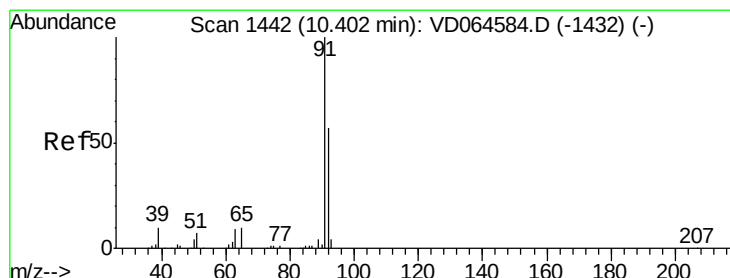
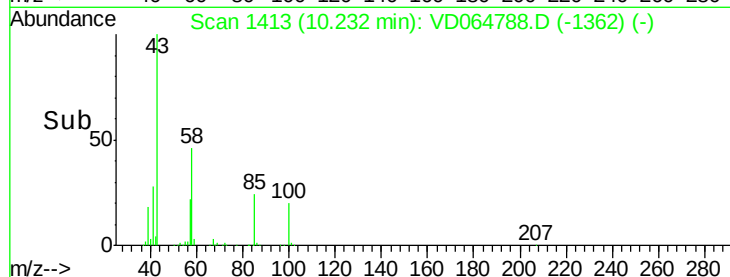
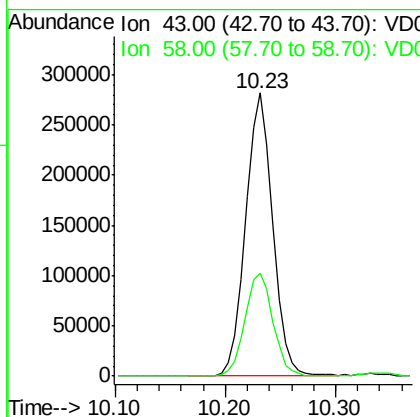
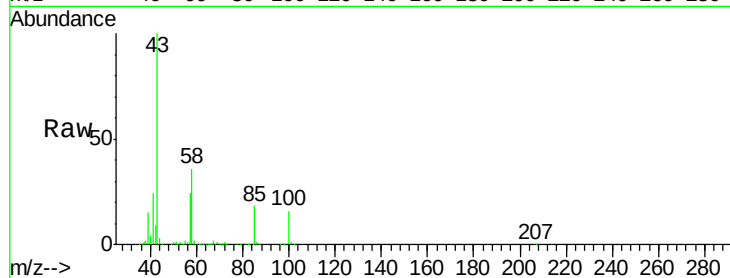
#51
 4-Methyl-2-Pentanone
 Concen: 249.318 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 486985
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.2

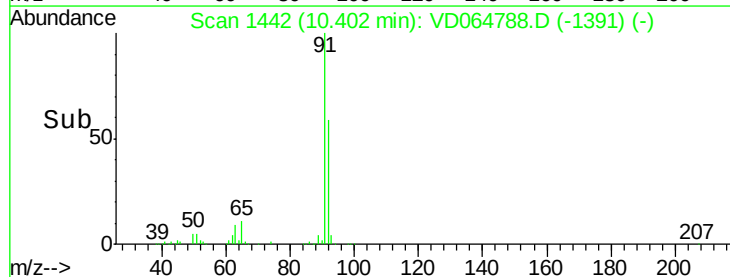
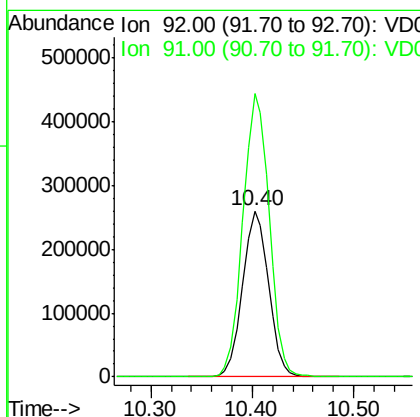
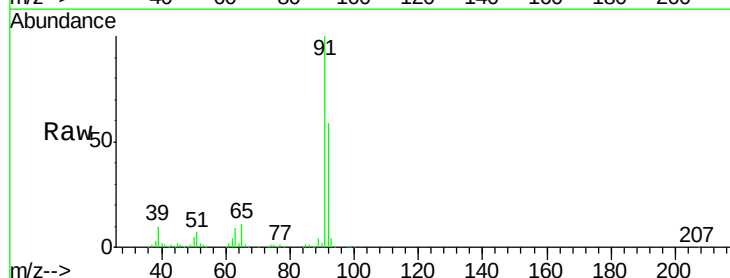
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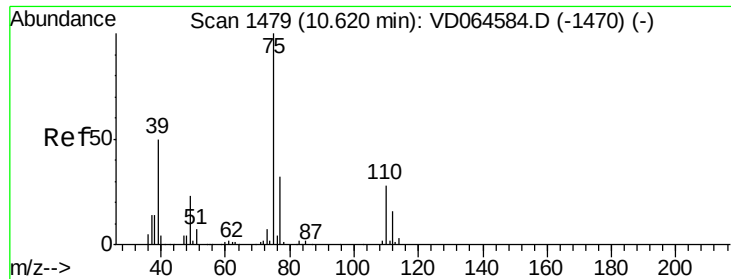
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#52
 Toluene
 Concen: 51.149 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion: 92 Resp: 462969
 Ion Ratio Lower Upper
 92 100
 91 173.3 138.7 208.1





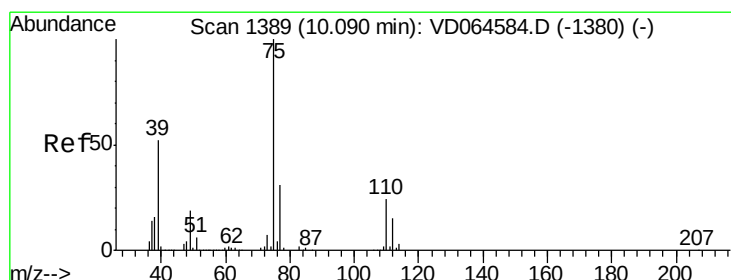
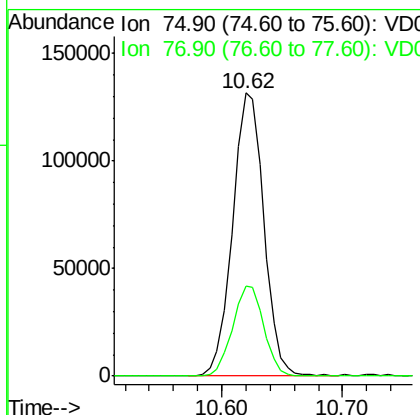
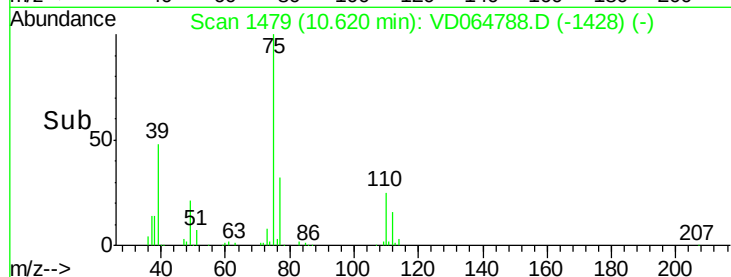
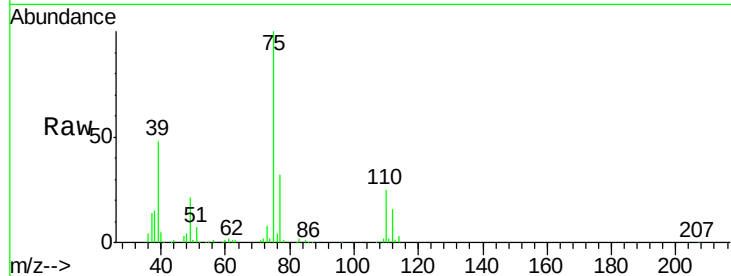
#53
t-1,3-Dichloropropene
Concen: 52.266 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 238137
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

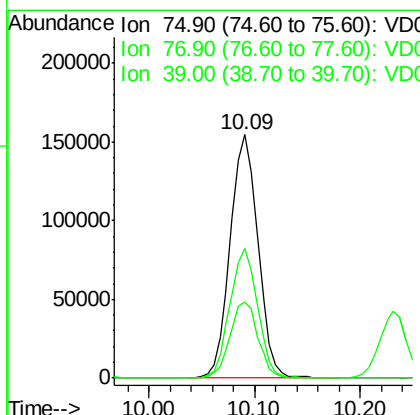
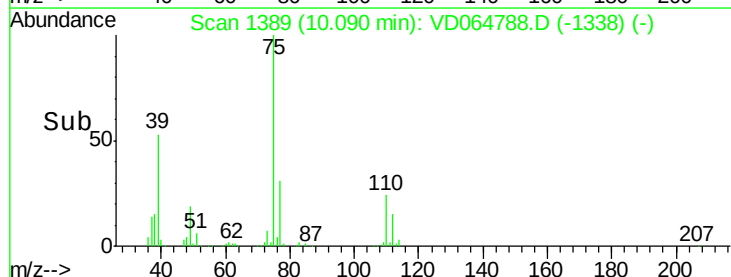
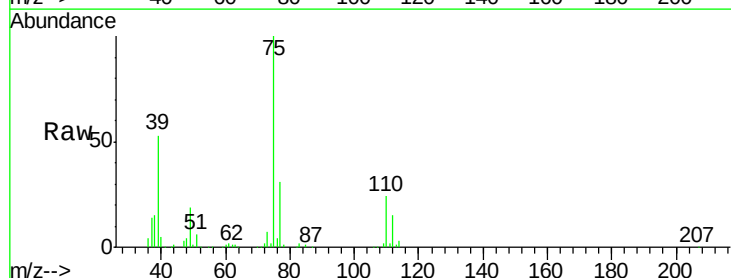
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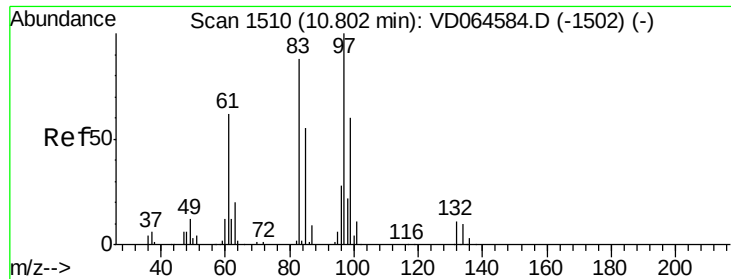
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#54
cis-1,3-Dichloropropene
Concen: 52.304 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion: 75 Resp: 280999
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 53.3 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 50.483 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

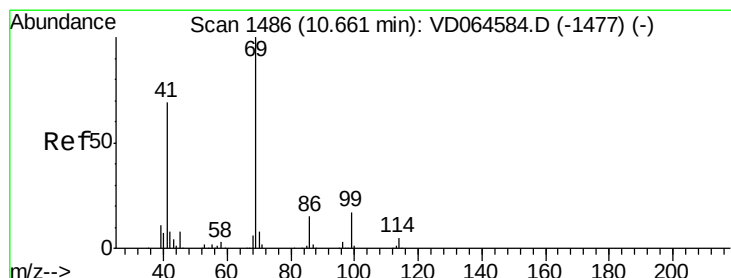
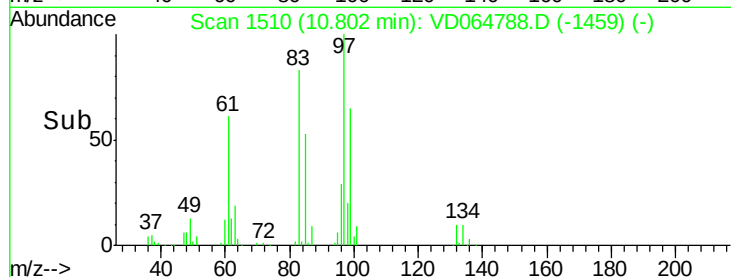
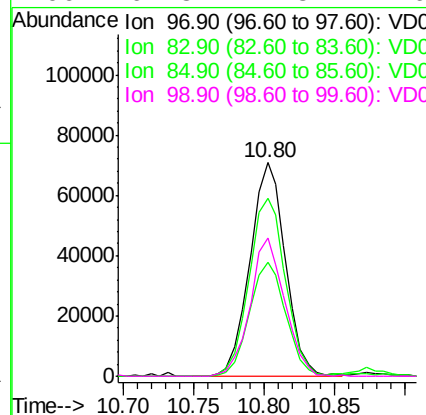
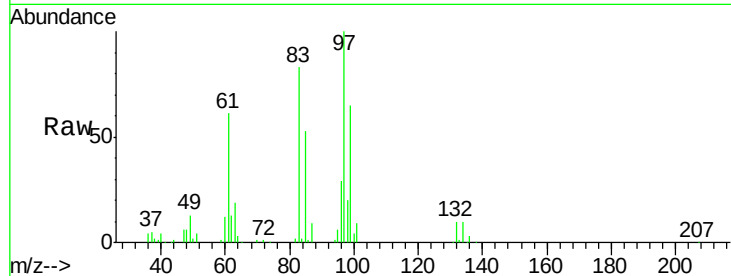
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	124947
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.4
85	53.2	44.0	66.0
99	64.8	47.8	71.6

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#56

Ethyl methacrylate

Concen: 50.248 ug/l

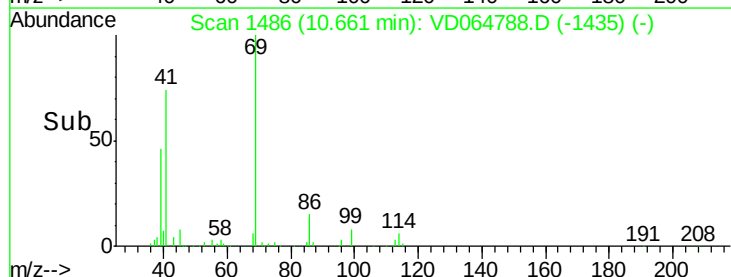
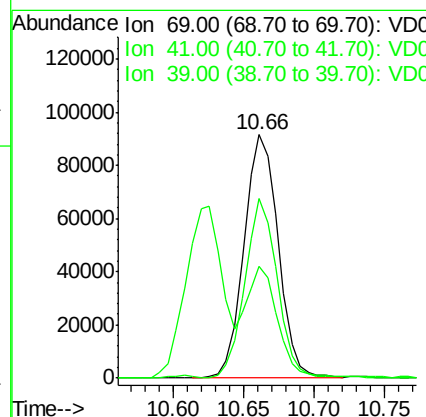
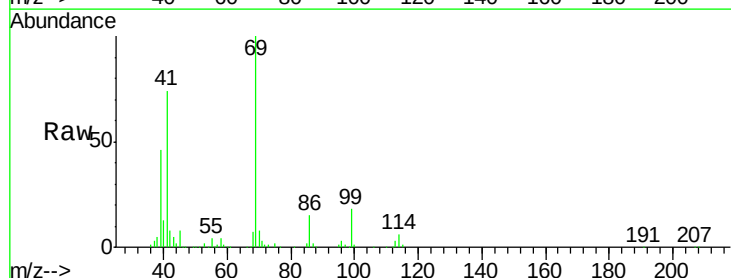
RT: 10.66 min Scan# 1486

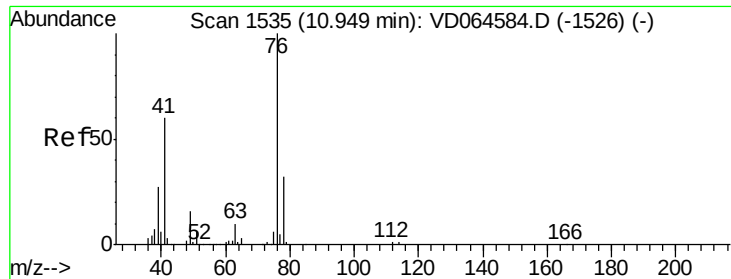
Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	69	Resp:	155320
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.3	82.9
39	42.7	33.8	50.8





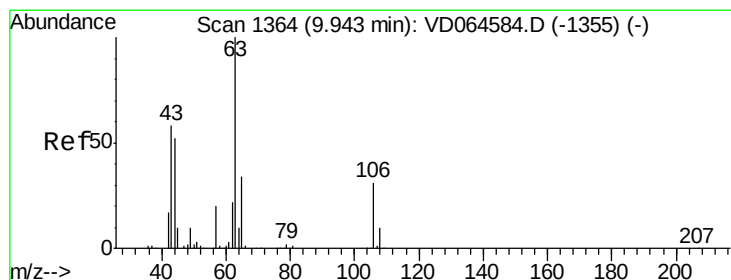
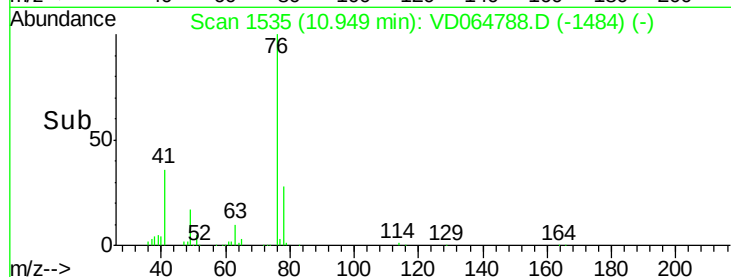
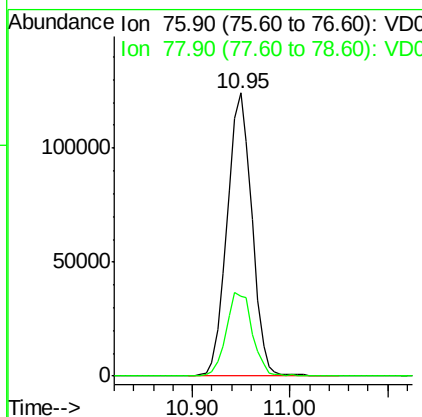
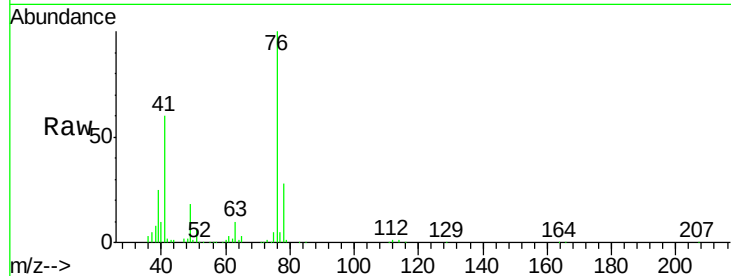
#57
 1,3-Dichloropropane
 Concen: 51.446 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 219240
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.2 39.4

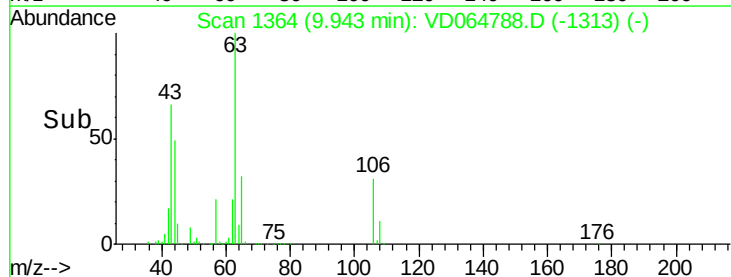
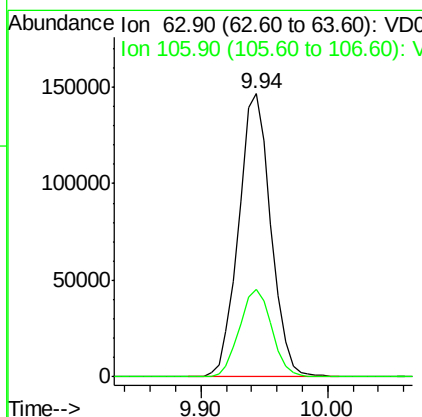
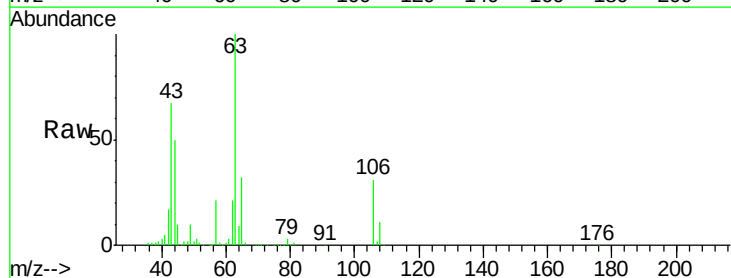
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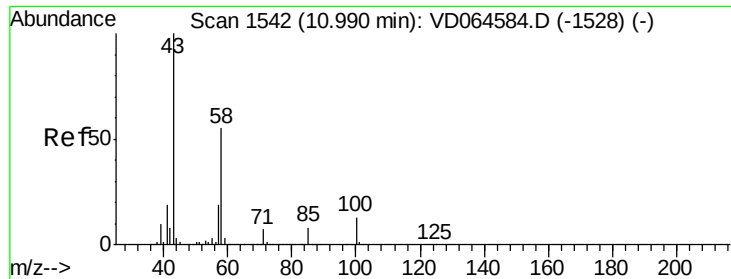
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#58
 2-Chloroethyl Vinyl ether
 Concen: 219.349 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion: 63 Resp: 258318
 Ion Ratio Lower Upper
 63 100
 106 31.0 23.8 35.8





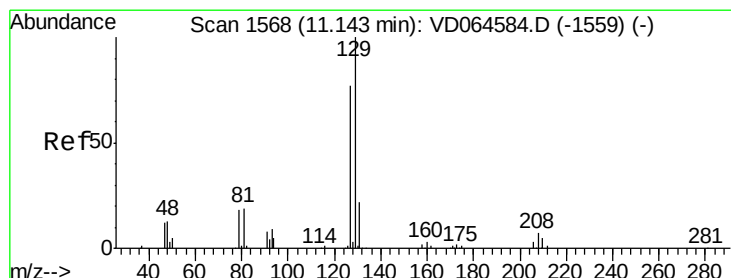
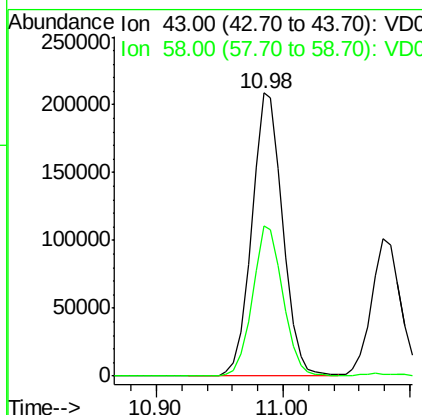
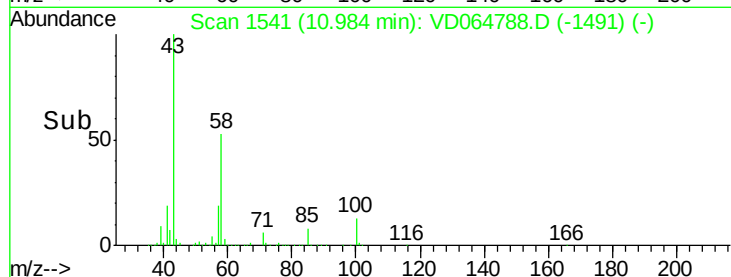
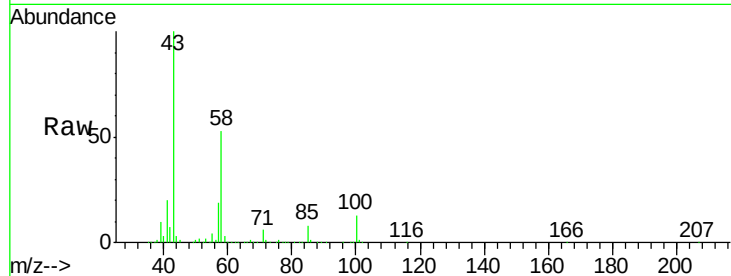
#59
2-Hexanone
Concen: 267.778 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 354999
Ion Ratio Lower Upper
43 100
58 52.3 26.4 79.0

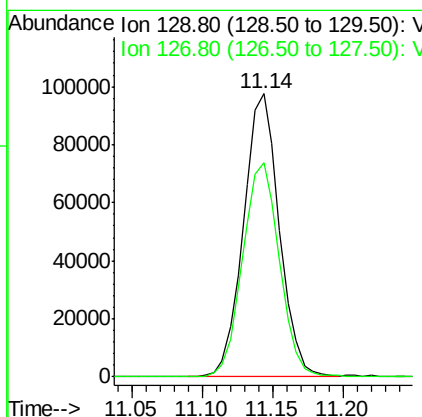
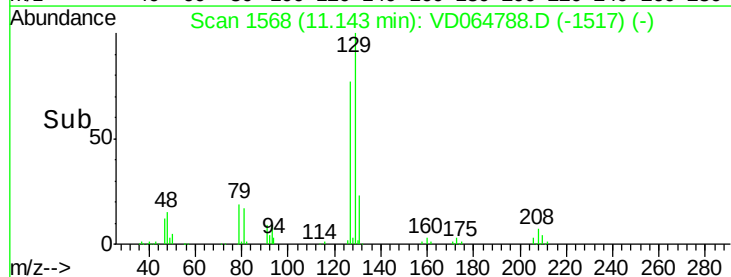
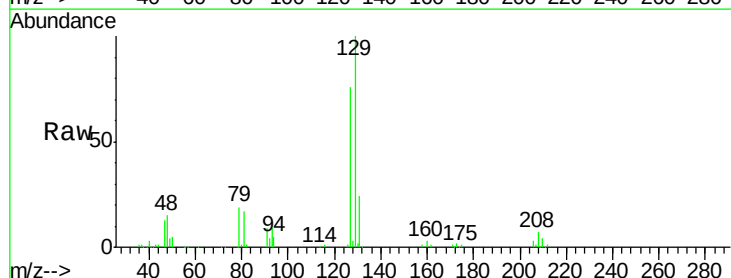
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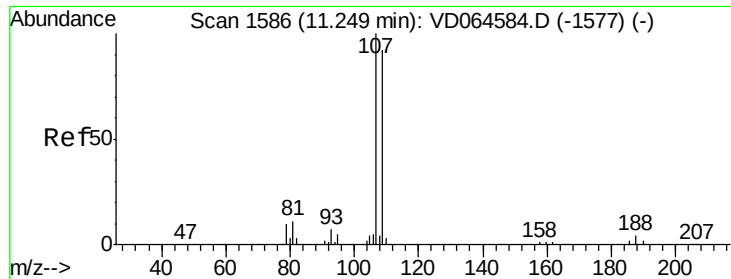
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#60
Dibromochloromethane
Concen: 50.704 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion: 129 Resp: 173544
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





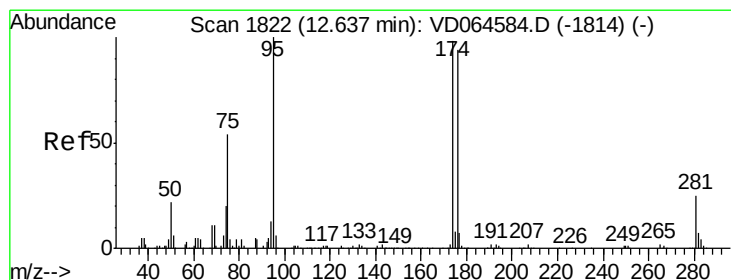
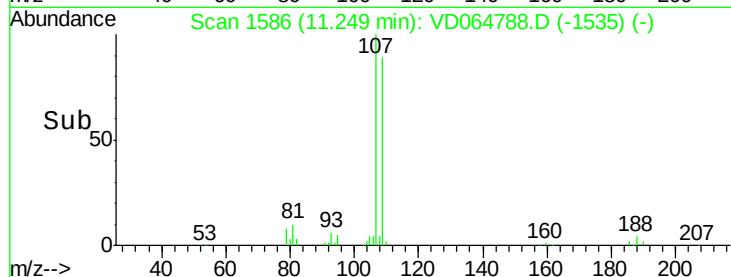
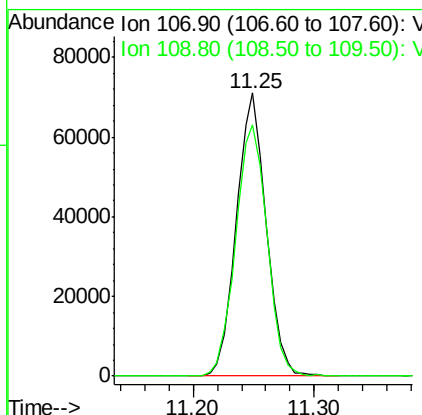
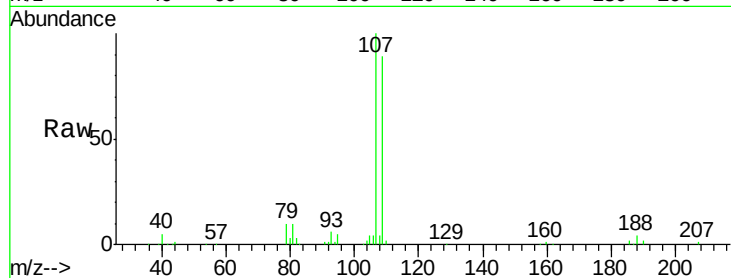
#61
 1,2-Dibromoethane
 Concen: 50.156 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 122441
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4

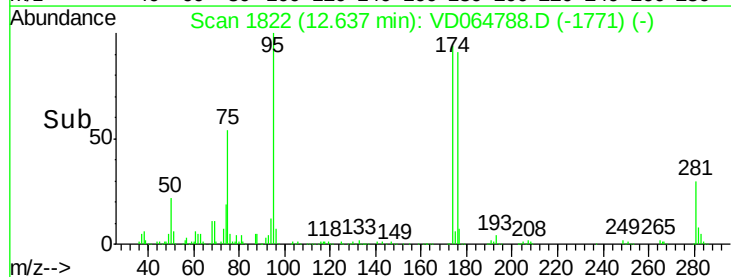
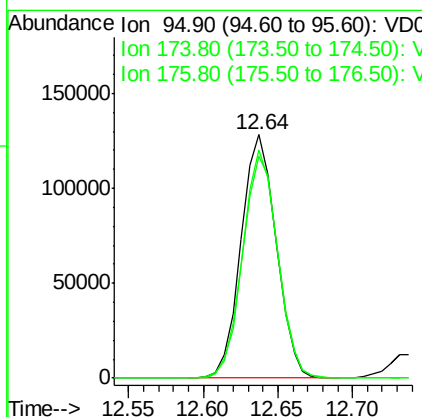
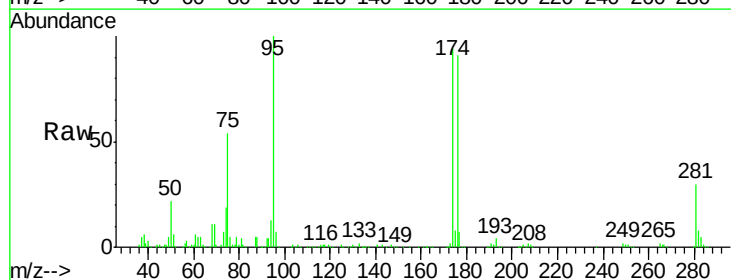
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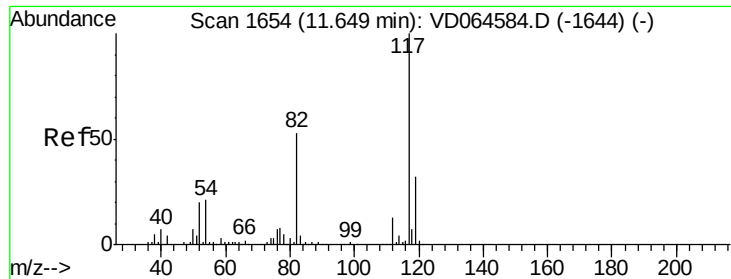
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.549 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion: 95 Resp: 208908
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 193.2
 176 91.3 0.0 184.2





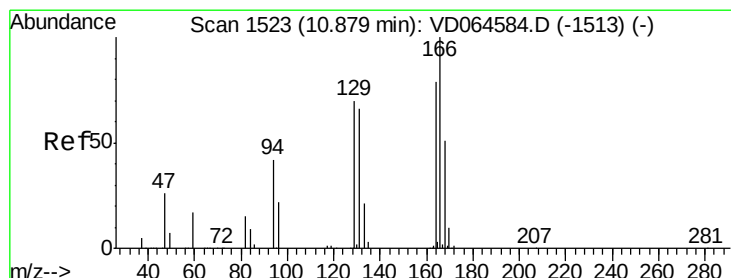
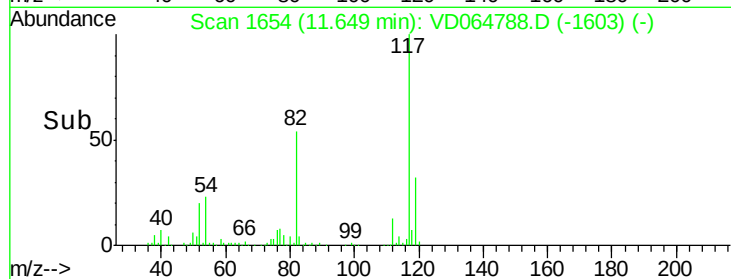
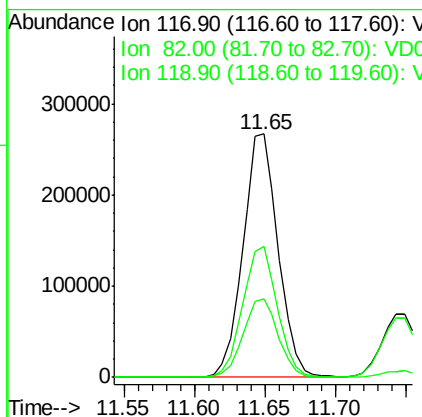
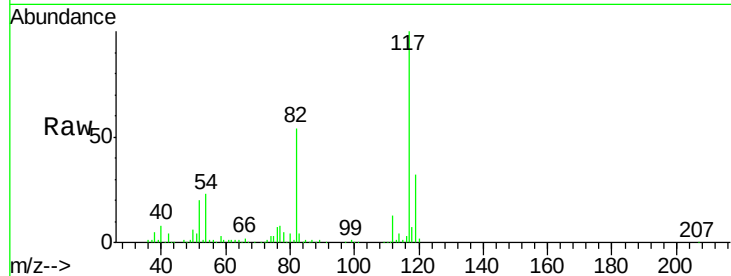
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	464013		
82	53.8	42.2	63.4	
119	32.3	26.0	39.0	

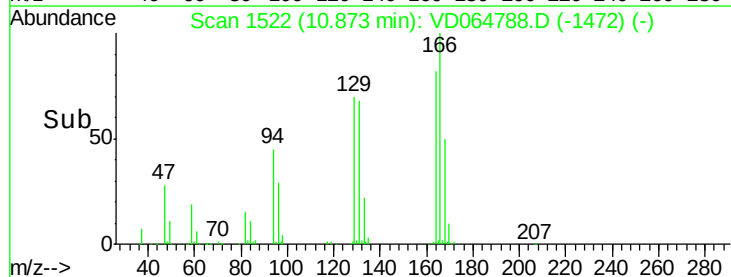
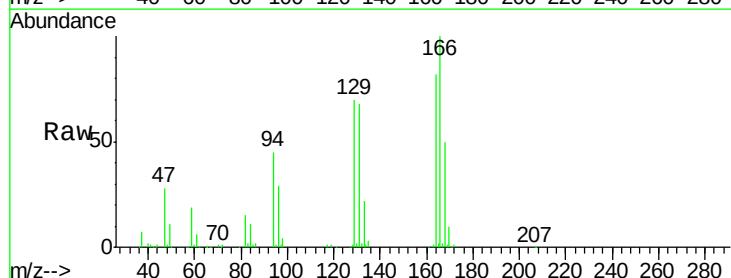
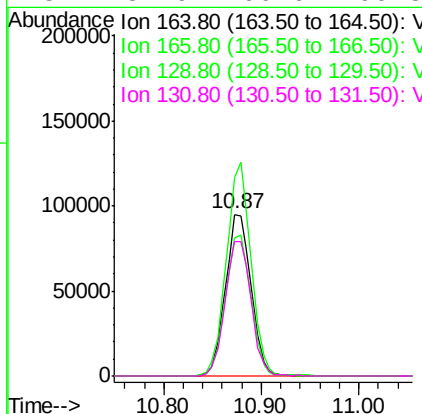
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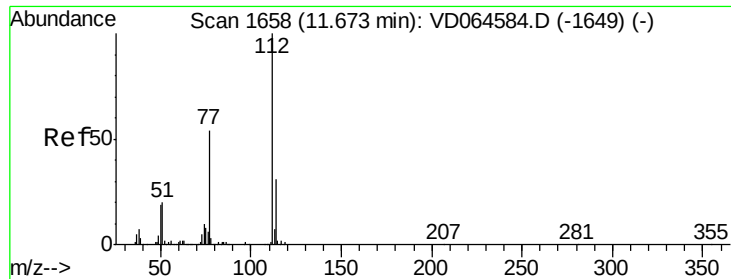
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#64
Tetrachloroethene
Concen: 48.442 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172446		
166	122.5	101.3	151.9	
129	85.5	70.5	105.7	
131	82.9	66.6	99.8	





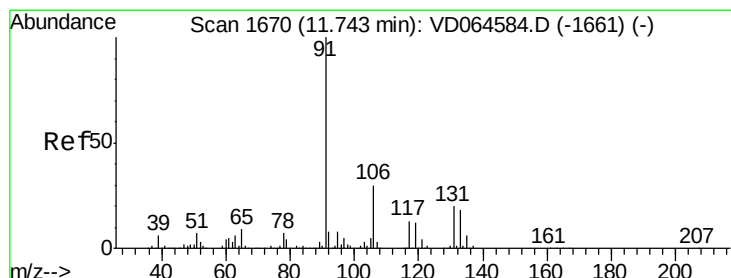
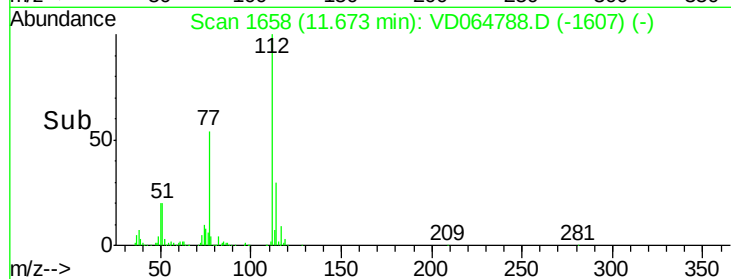
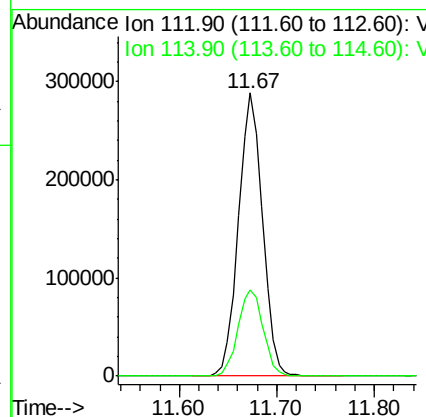
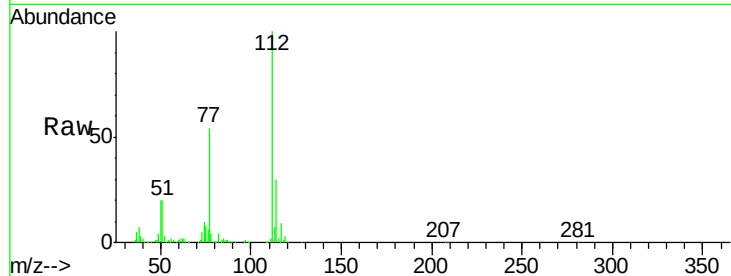
#65
Chlorobenzene
Concen: 51.085 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 491972
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2

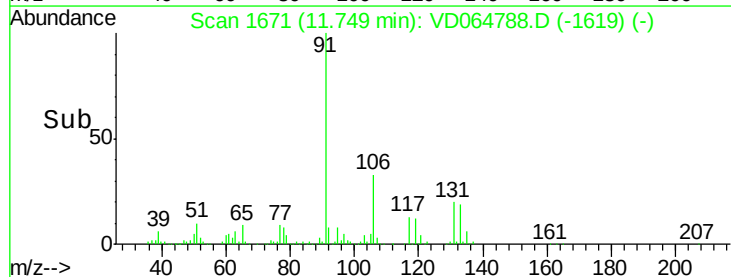
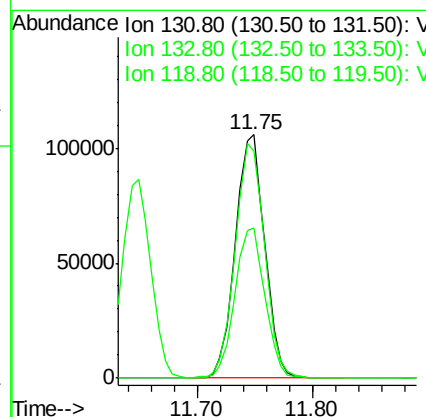
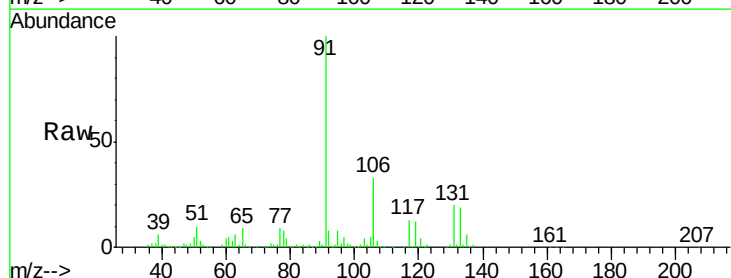
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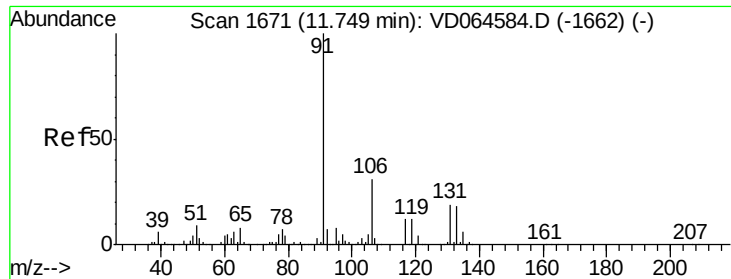
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.596 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion:131 Resp: 187321
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 63.0 32.1 96.3





#67

Ethyl Benzene

Concen: 50.664 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 885612

Ion Ratio Lower Upper

91 100

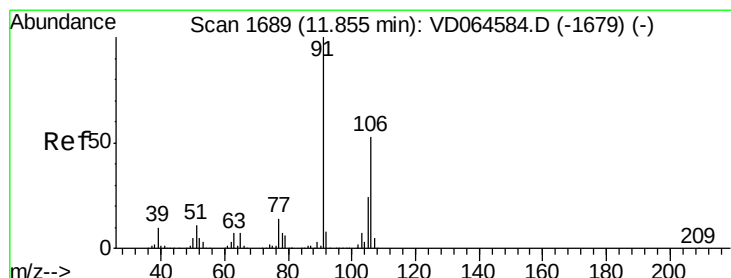
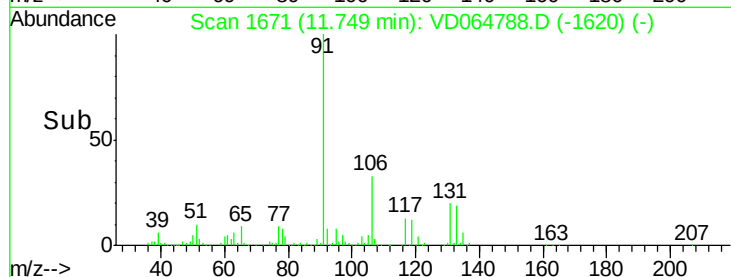
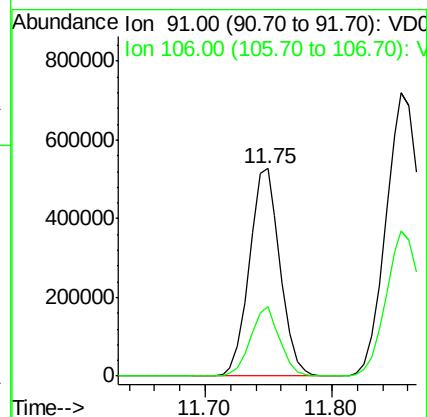
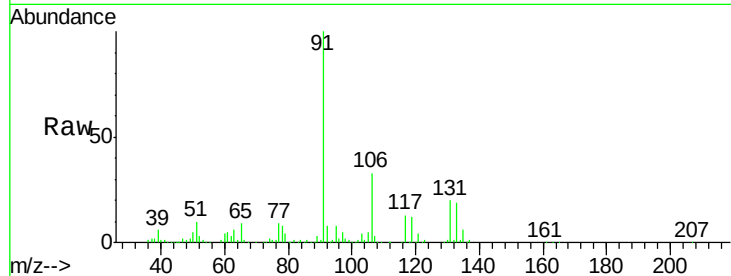
106 33.4 24.6 36.8

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#68

m/p-Xylenes

Concen: 102.842 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064788.D

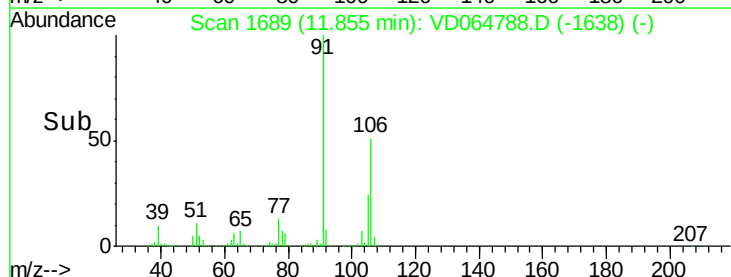
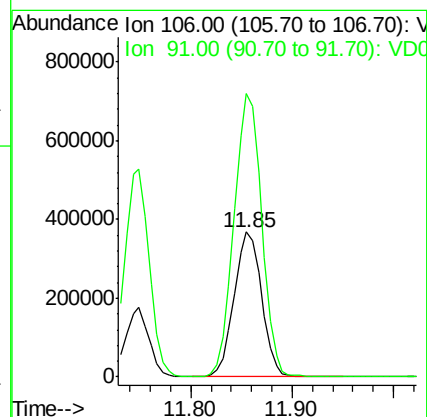
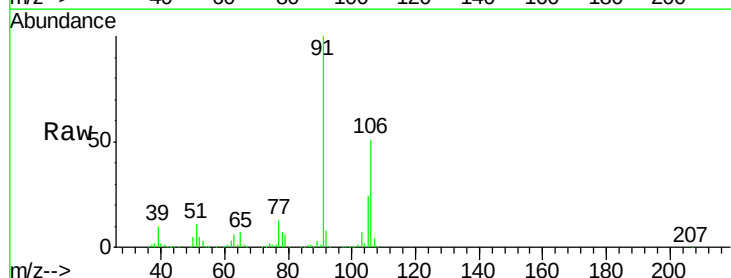
Acq: 07 Jan 2020 12:08

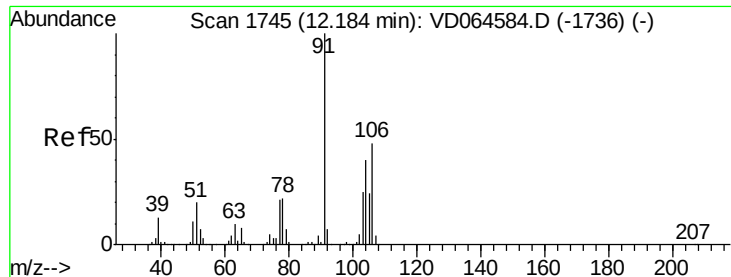
Tgt Ion: 106 Resp: 693868

Ion Ratio Lower Upper

106 100

91 196.5 156.3 234.5





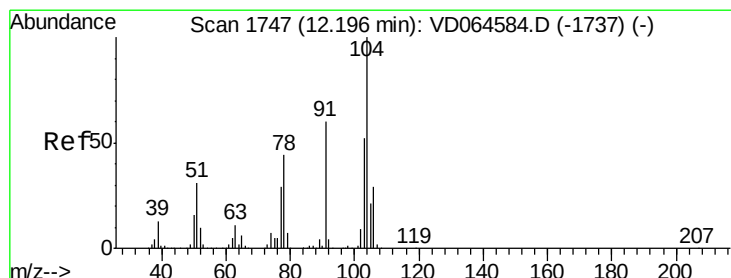
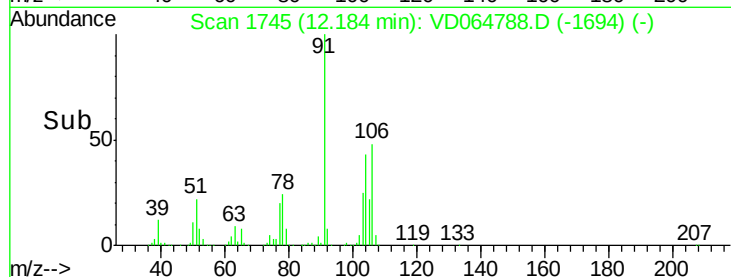
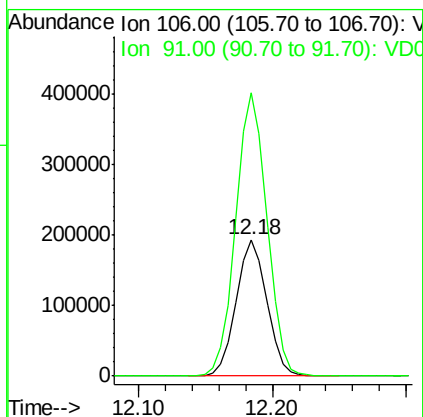
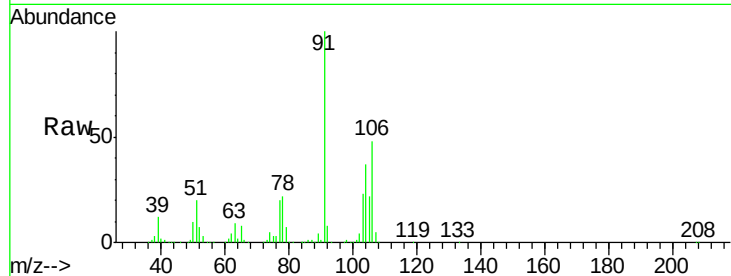
#69
o-Xylene
Concen: 50.586 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 308280
Ion Ratio Lower Upper
106 100
91 210.8 104.8 314.4

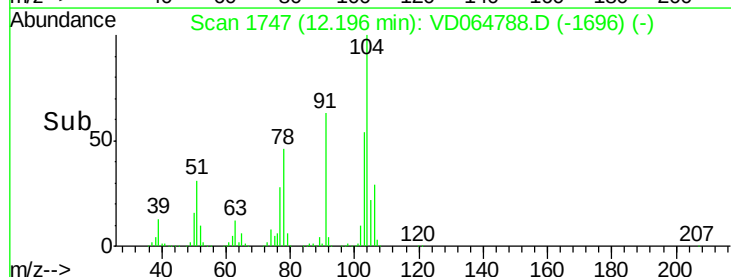
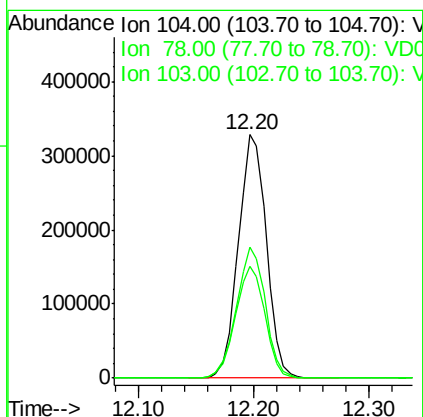
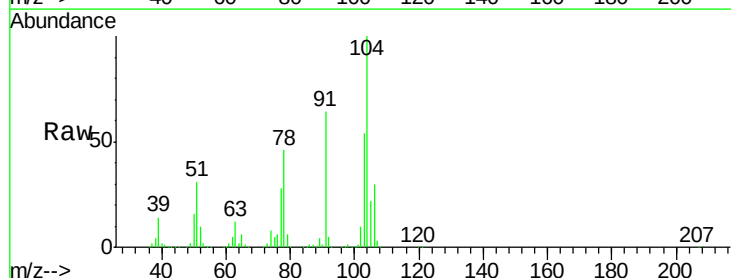
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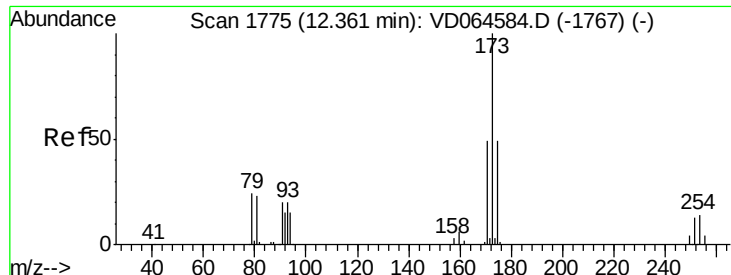
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#70
Styrene
Concen: 51.608 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion:104 Resp: 552049
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.2
103 55.6 44.6 67.0





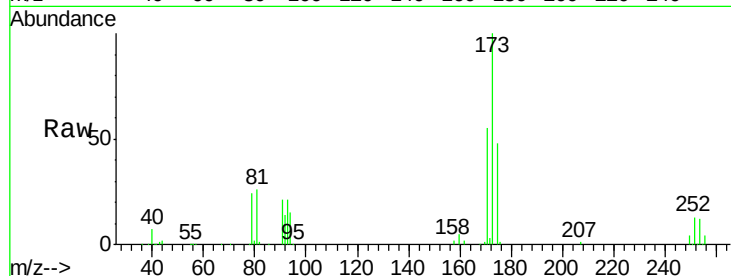
#71
Bromoform
Concen: 49.112 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.6	73.8
254	0.1	0.1	0.1

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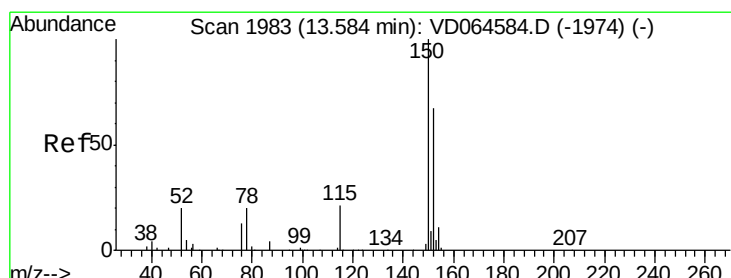
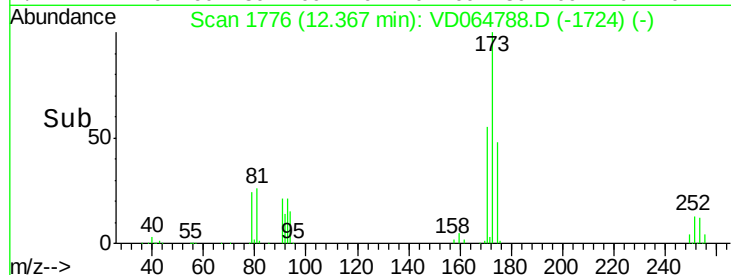
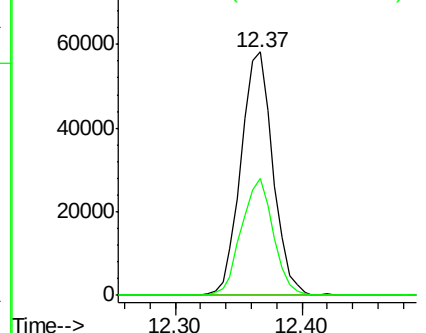


Abundance

Ion 172.70 (172.40 to 173.40): V

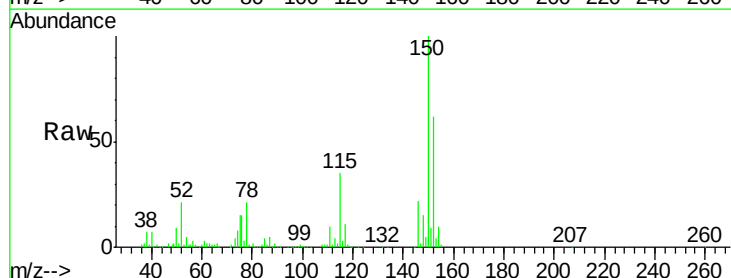
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	171.5	0.0	351.4

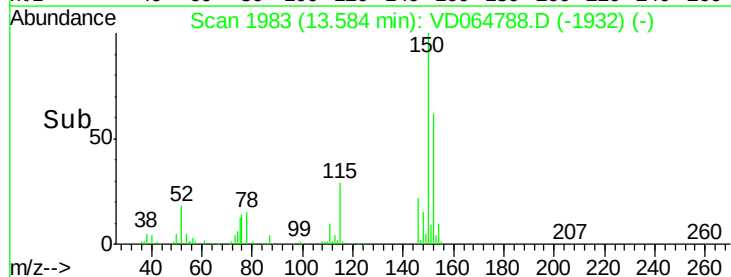
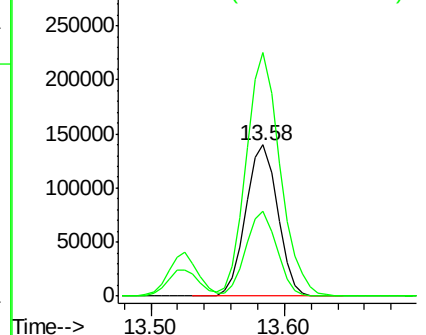


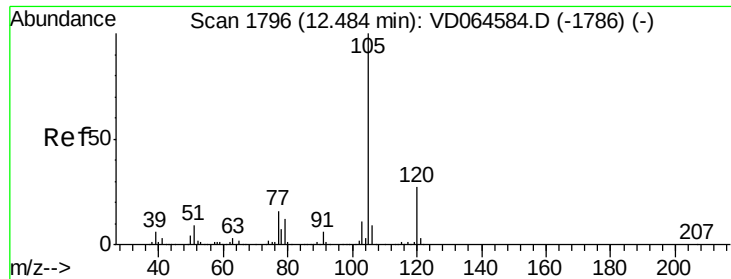
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.546 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 848909

Ion Ratio Lower Upper

105 100

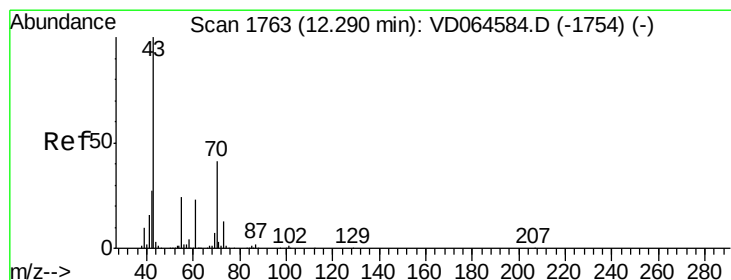
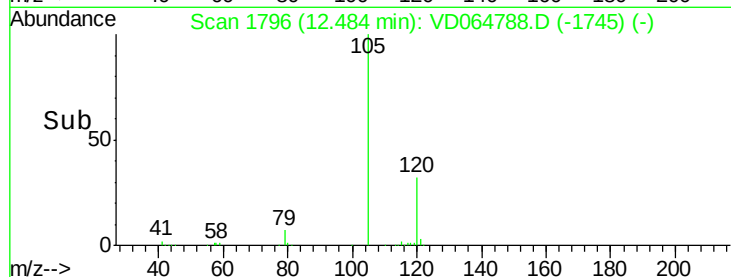
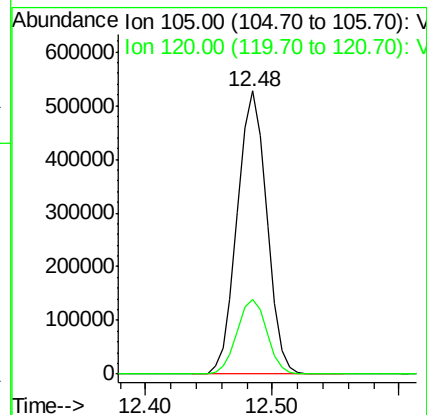
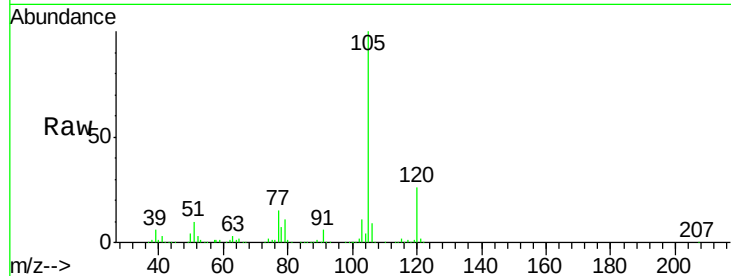
120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 49.294 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion: 43 Resp: 173535

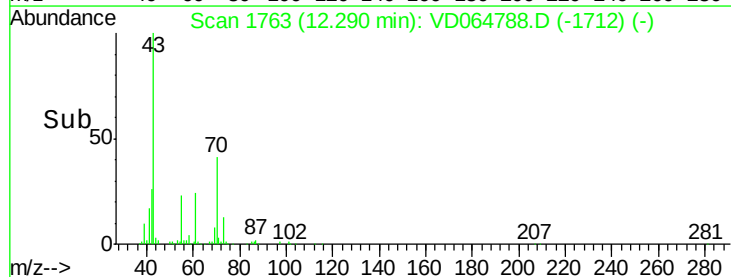
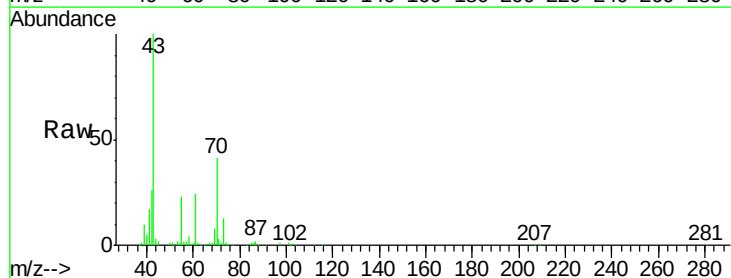
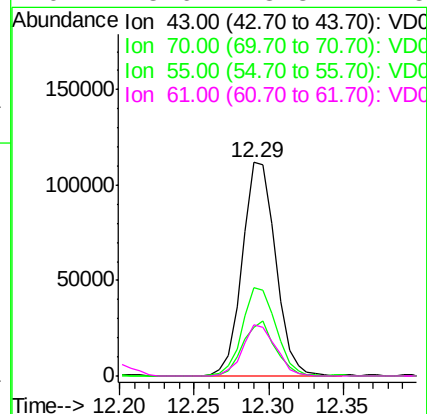
Ion Ratio Lower Upper

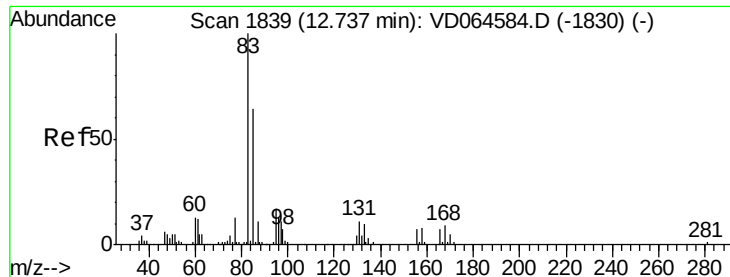
43 100

70 41.7 33.4 50.0

55 24.7 19.4 29.0

61 23.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.469 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

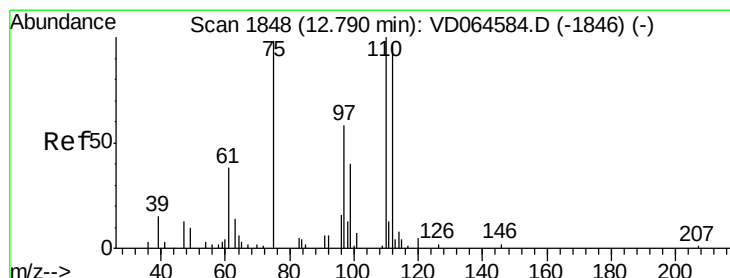
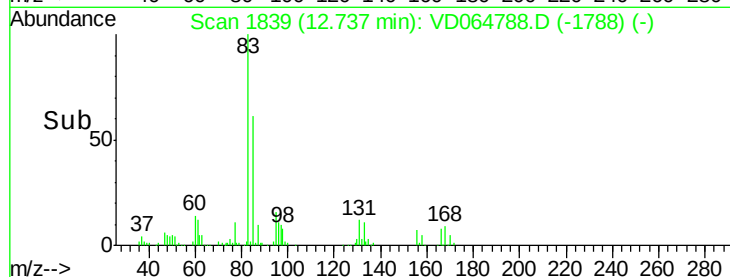
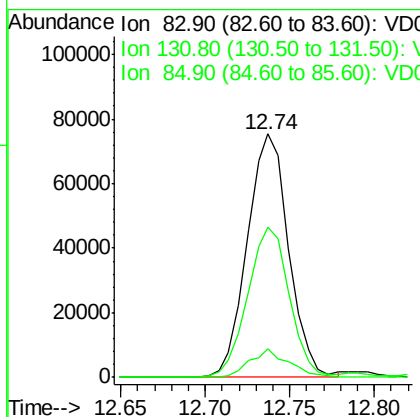
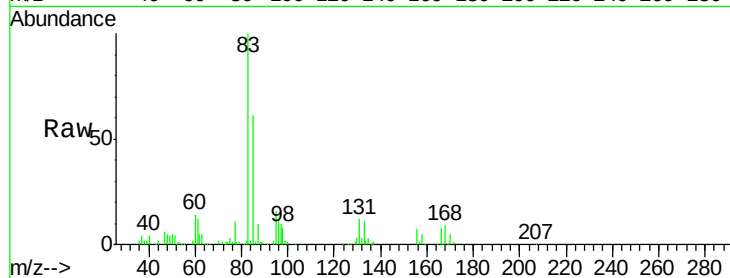
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	127982
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.4
85	62.2	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 44.836 ug/l m

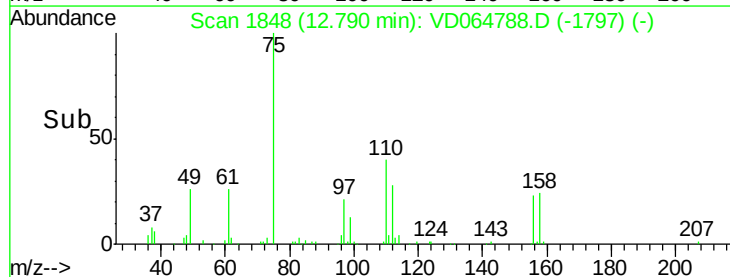
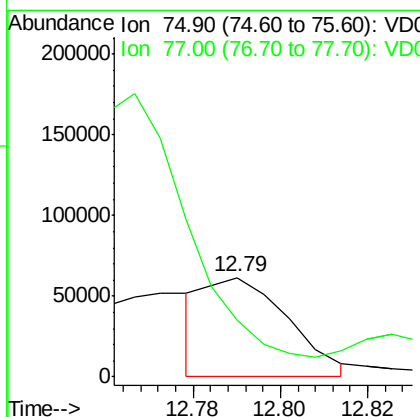
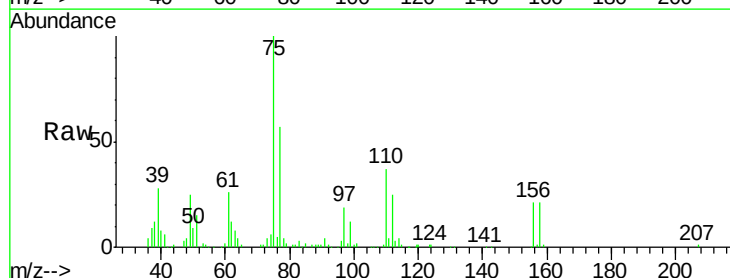
RT: 12.79 min Scan# 1848

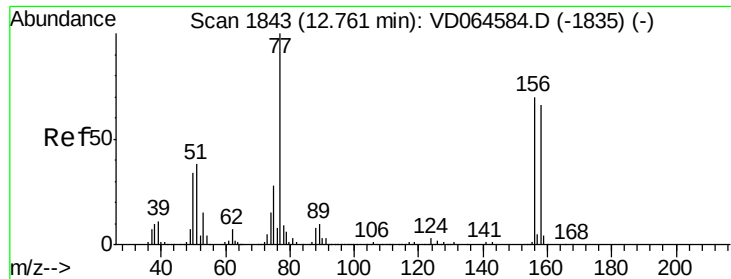
Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	75	Resp:	81594
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.427 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

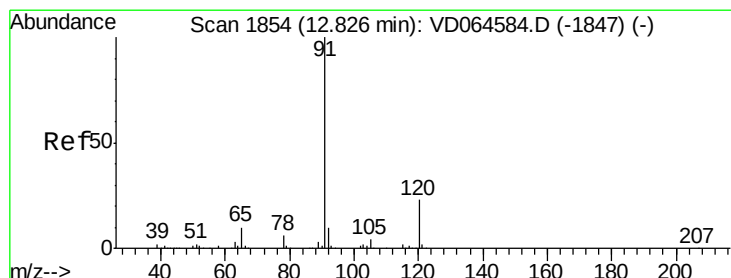
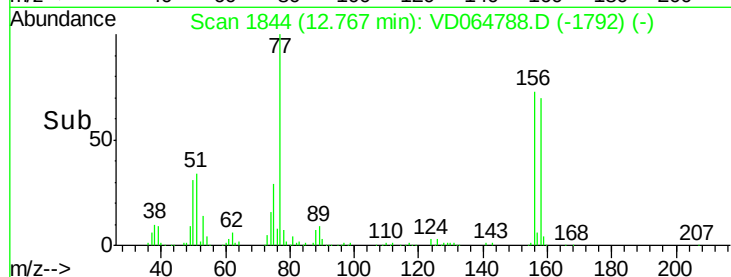
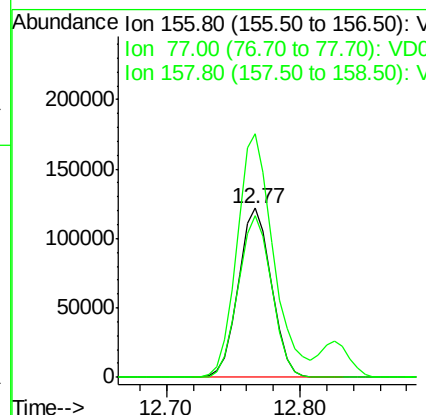
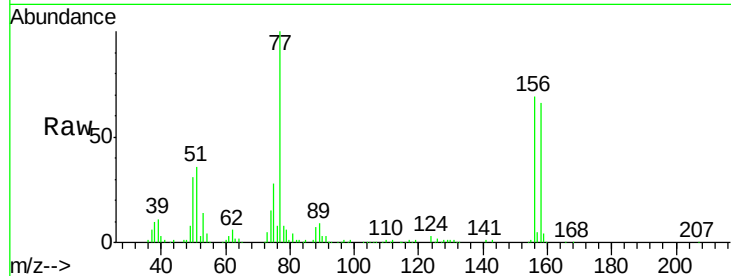
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	159.3	80.9	242.7
158	96.9	48.0	144.2

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#78

n-propylbenzene

Concen: 51.612 ug/l

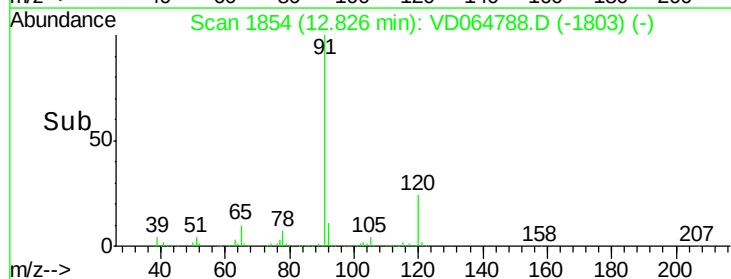
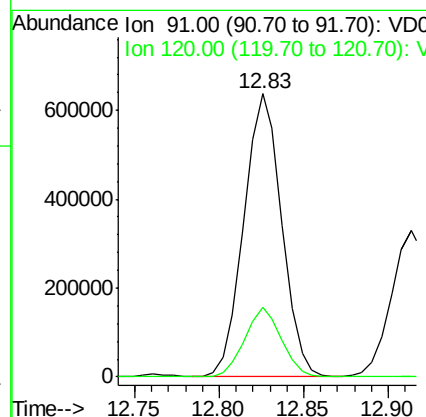
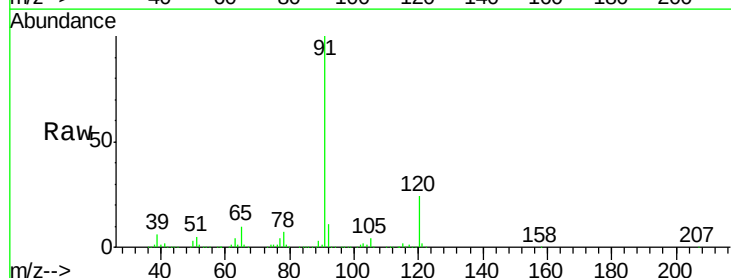
RT: 12.83 min Scan# 1854

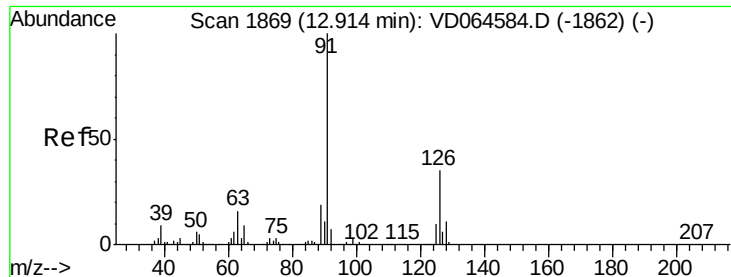
Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.368 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 542160

Ion Ratio Lower Upper

91 100

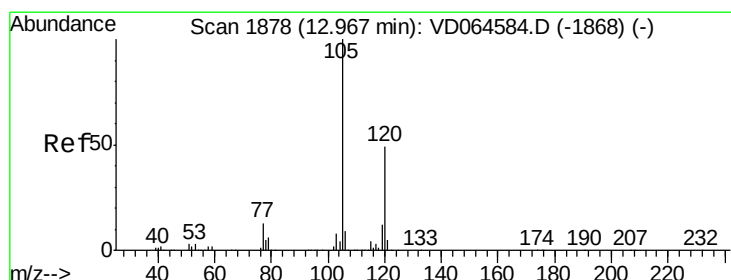
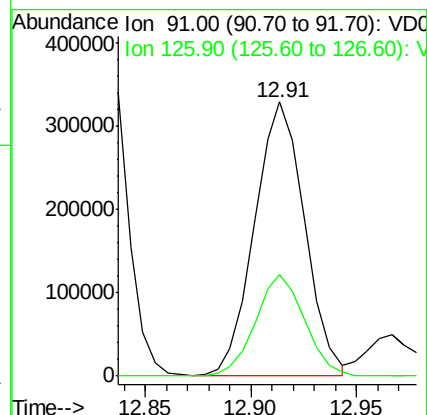
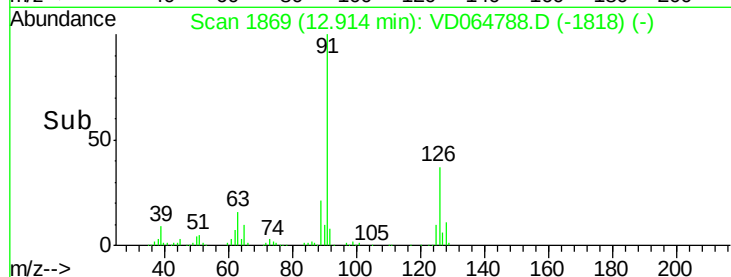
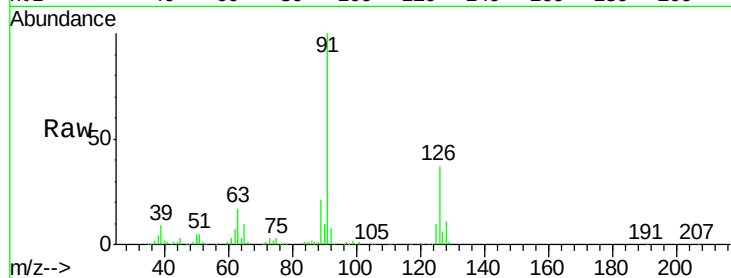
126 36.5 17.8 53.5

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#80

1,3,5-Trimethylbenzene

Concen: 52.010 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064788.D

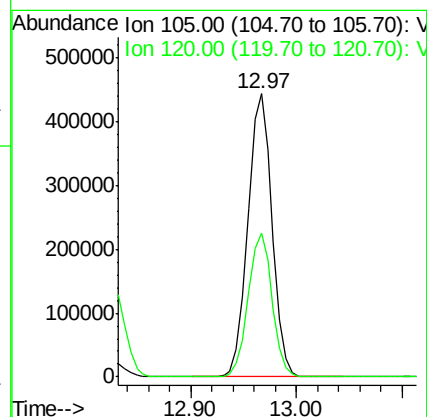
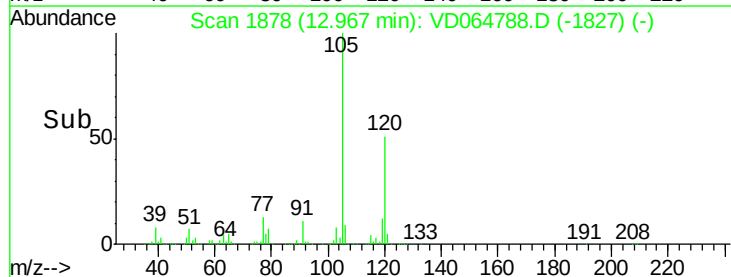
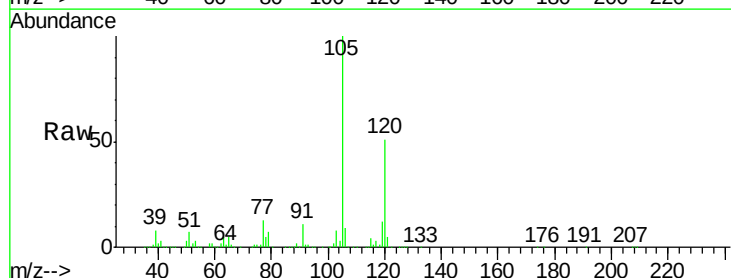
Acq: 07 Jan 2020 12:08

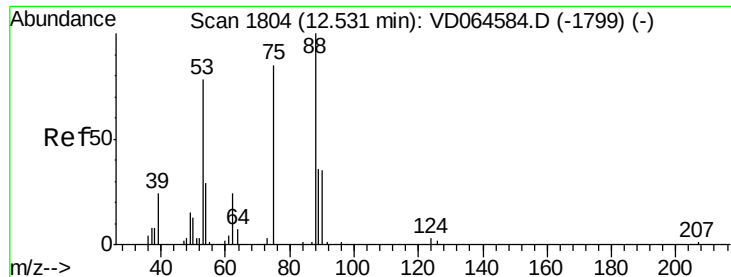
Tgt Ion: 105 Resp: 703612

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.751 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

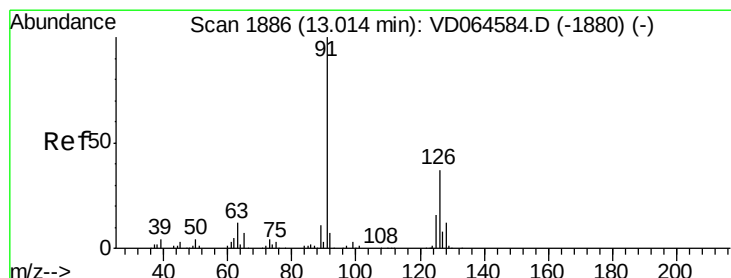
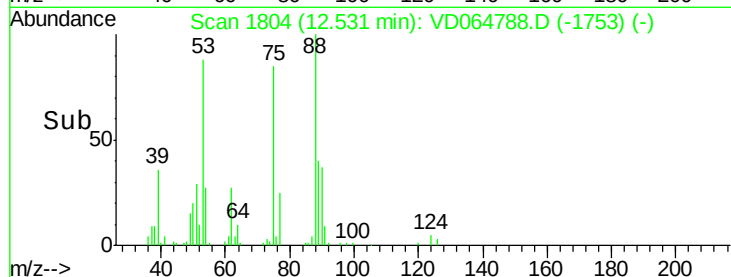
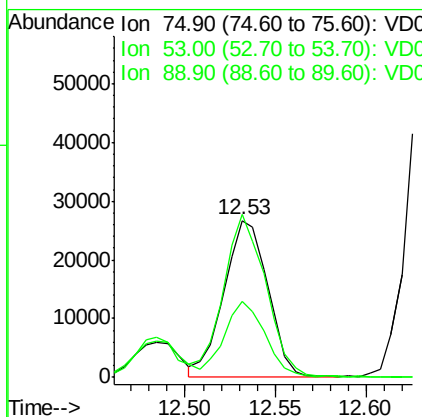
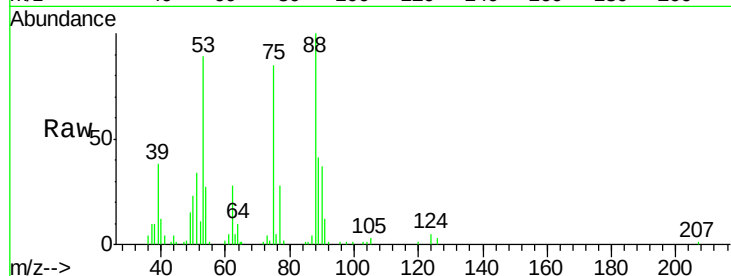
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	45029
Ion	Ratio	Lower	Upper
75	100		
53	101.2	78.8	118.2
89	45.3	38.3	57.5

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#82

4-Chlorotoluene

Concen: 50.861 ug/l

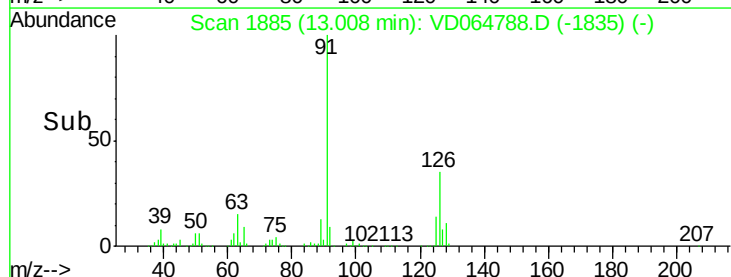
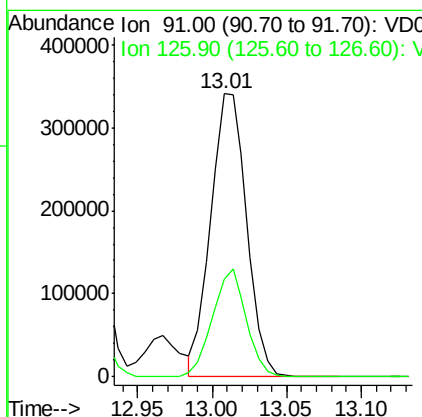
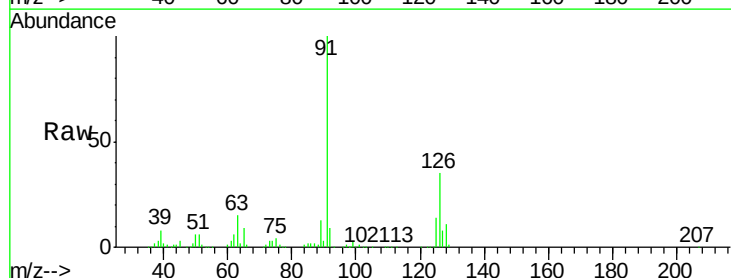
RT: 13.01 min Scan# 1885

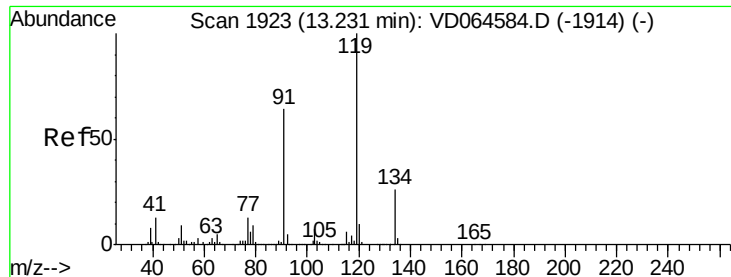
Delta R.T. -0.01 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion:	91	Resp:	571273
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.8	53.5





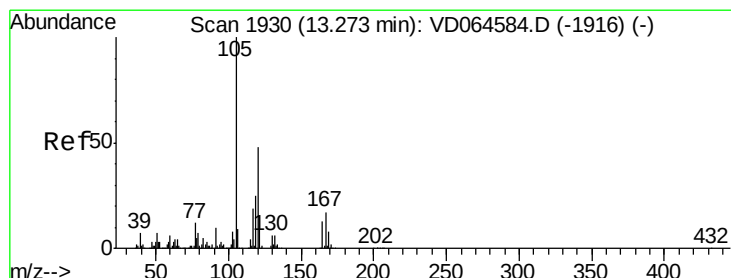
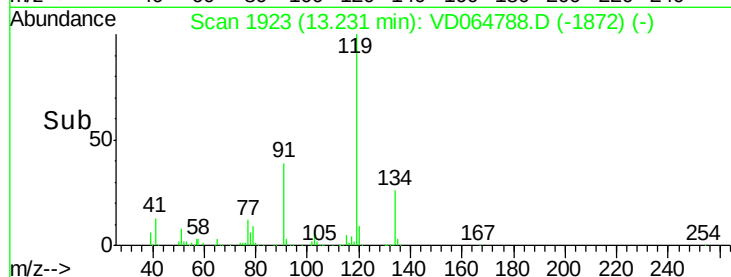
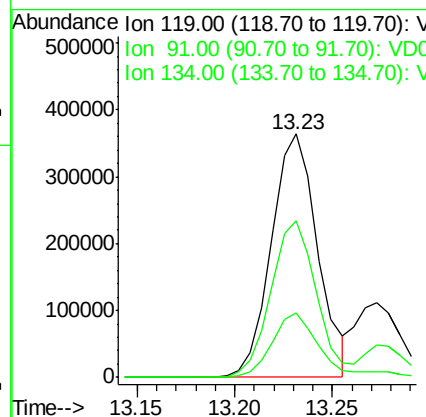
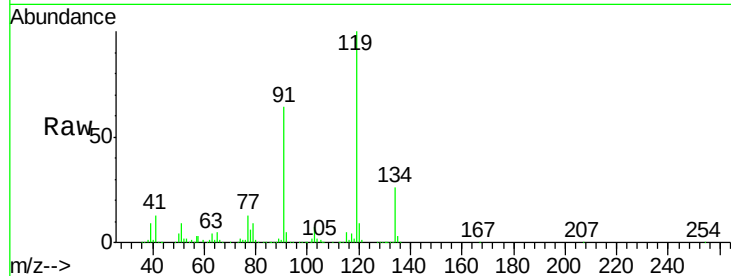
#83
 tert-Butylbenzene
 Concen: 50.915 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	598049		
91	63.8	30.8	92.4	
134	27.6	12.8	38.3	

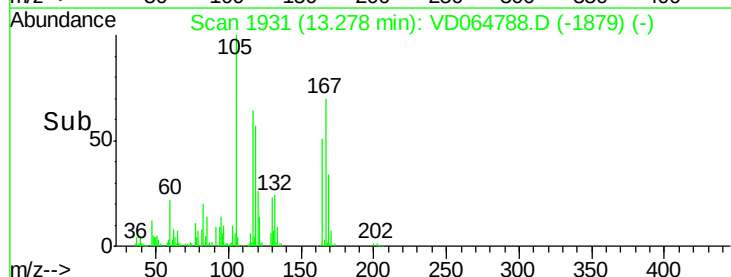
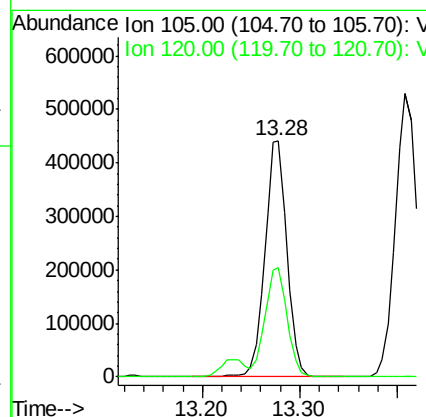
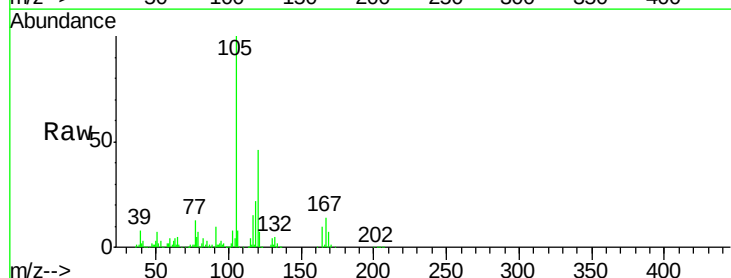
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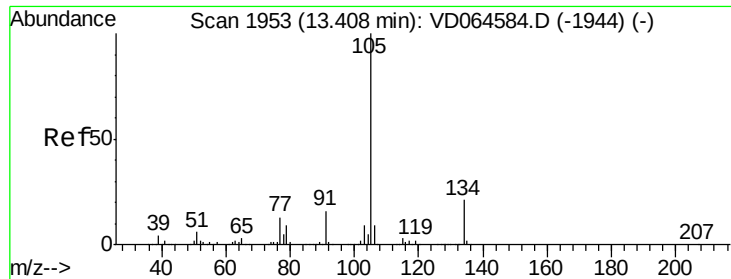
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.159 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	702751		
120	46.4	23.8	71.2	





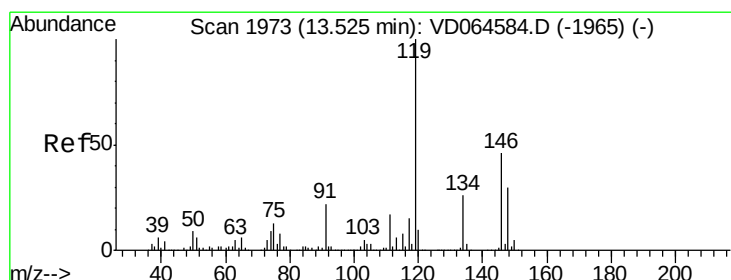
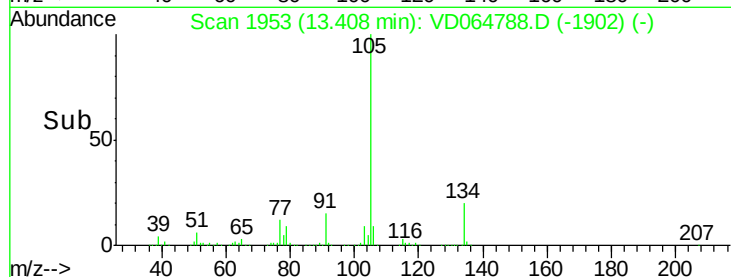
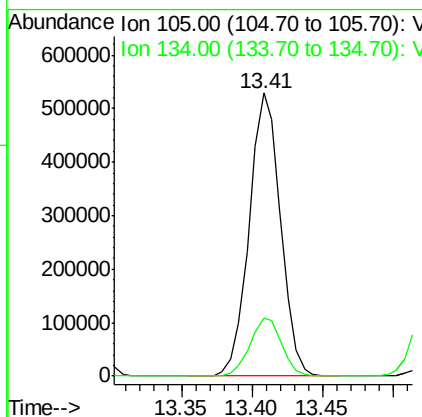
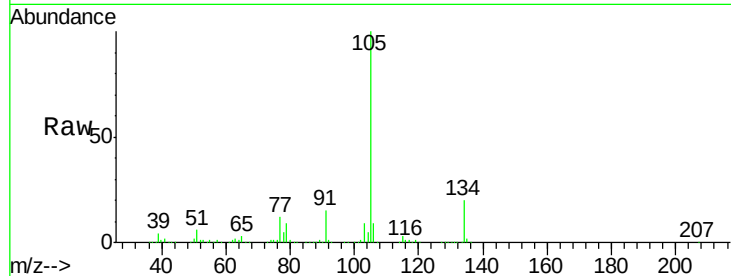
#85
 sec-Butylbenzene
 Concen: 51.186 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 824260
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.6 31.8

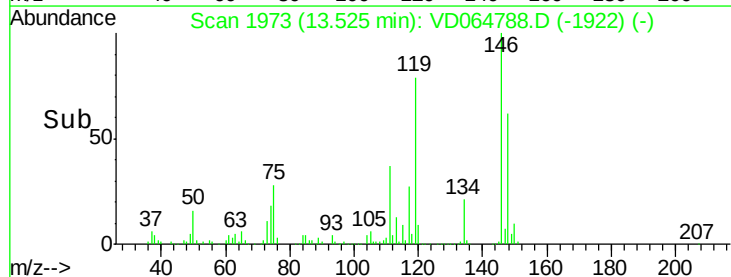
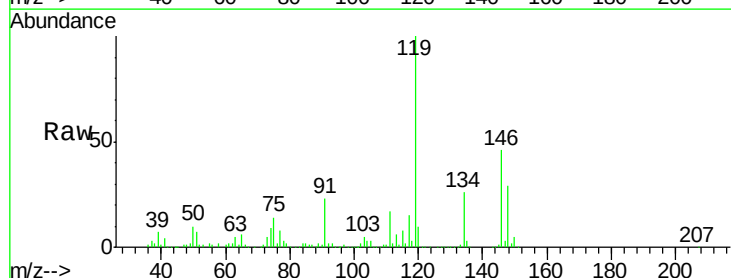
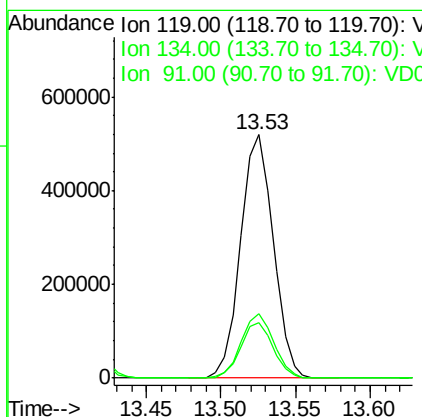
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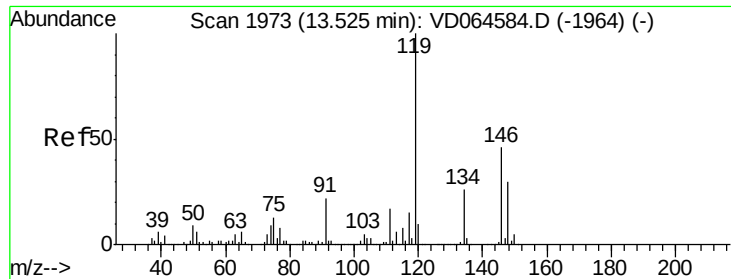
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#86
 p-Isopropyltoluene
 Concen: 51.186 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion:119 Resp: 788137
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.793 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Instrument :

MSVOA_D

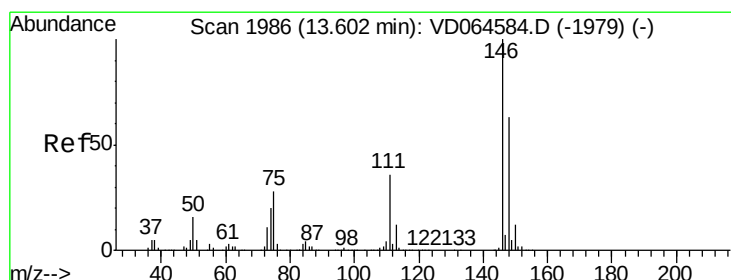
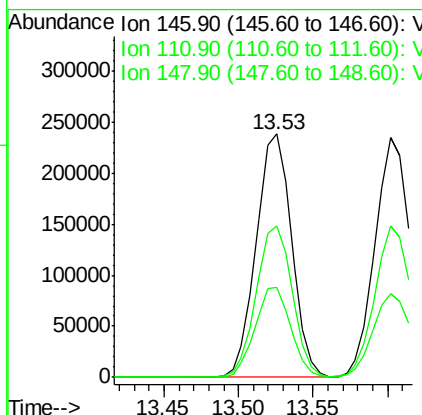
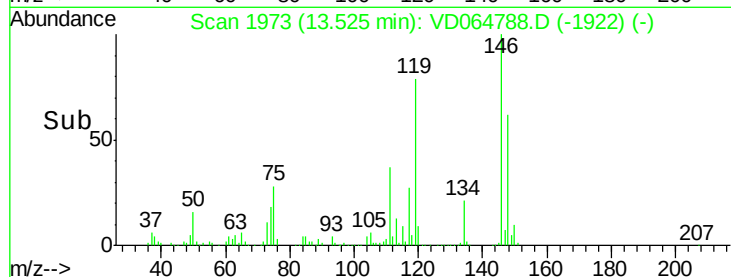
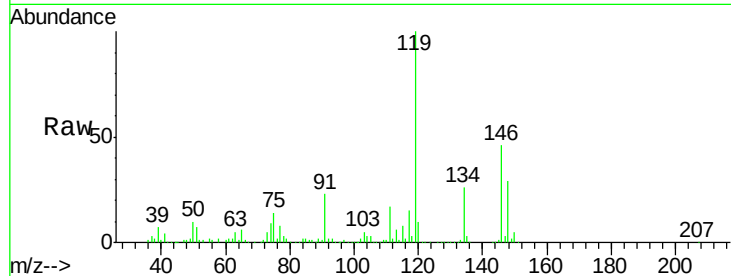
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	391832		
111	37.5	18.8	56.4	
148	63.1	32.5	97.5	

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#88

1,4-Dichlorobenzene

Concen: 50.558 ug/l

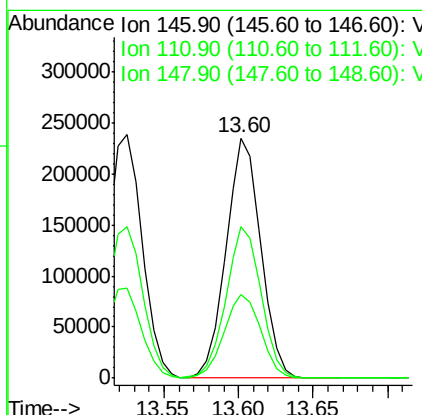
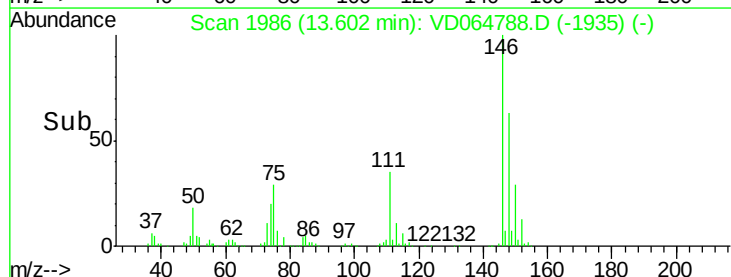
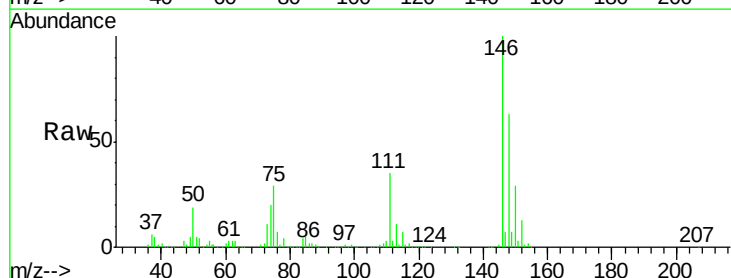
RT: 13.60 min Scan# 1986

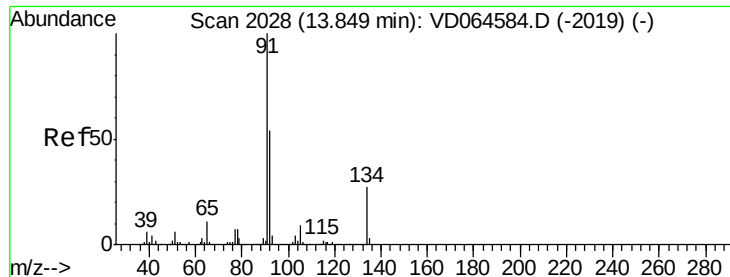
Delta R.T. 0.00 min

Lab File: VD064788.D

Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383138		
111	36.7	18.1	54.1	
148	63.8	32.3	96.9	





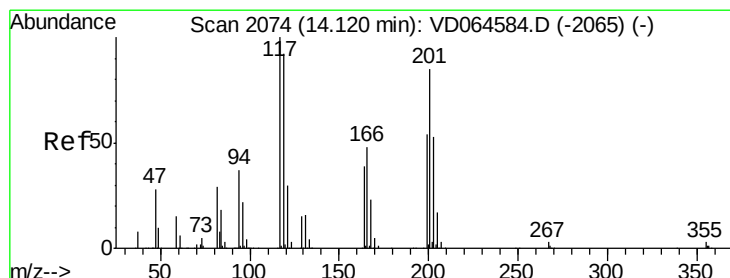
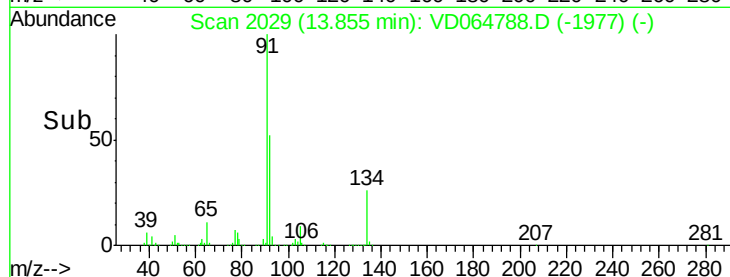
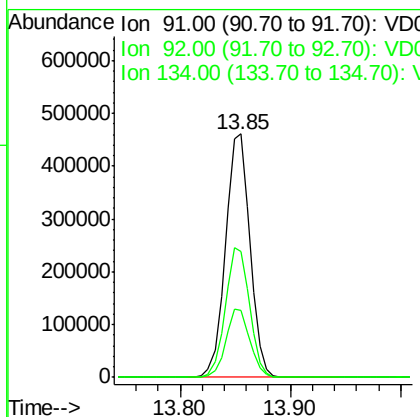
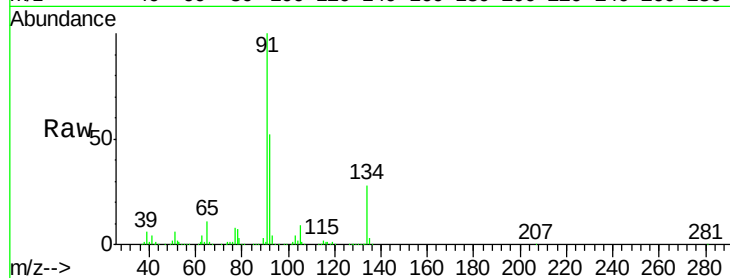
#89
n-Butylbenzene
Concen: 51.494 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	27.4	14.0	41.9

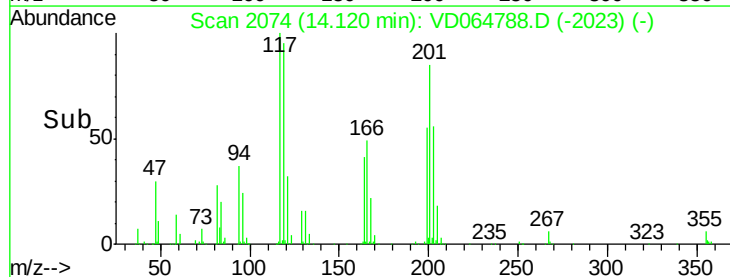
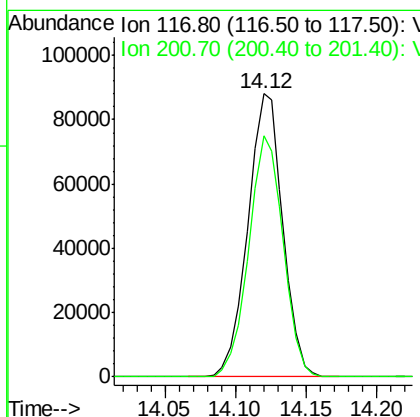
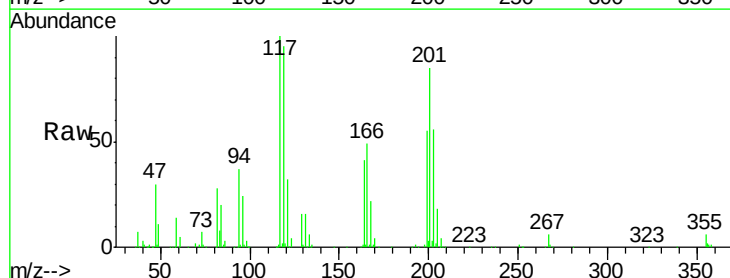
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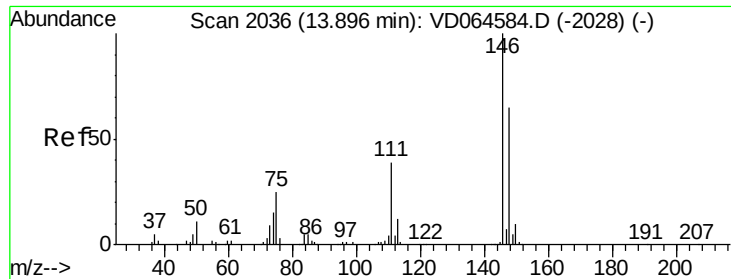
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#90
Hexachloroethane
Concen: 51.790 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	44.0	131.8





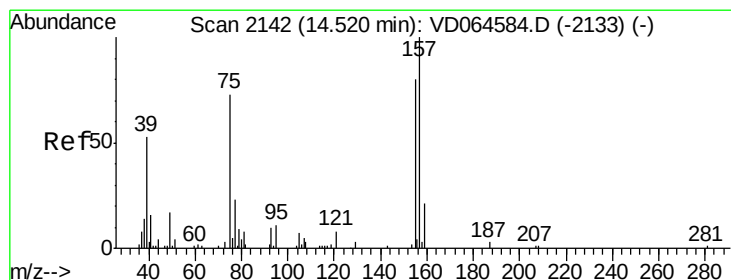
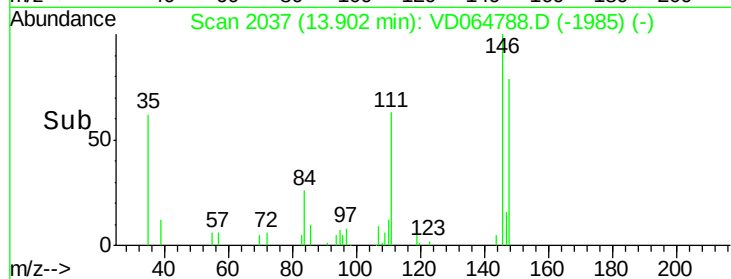
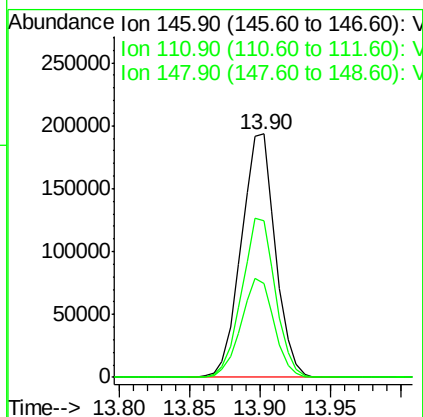
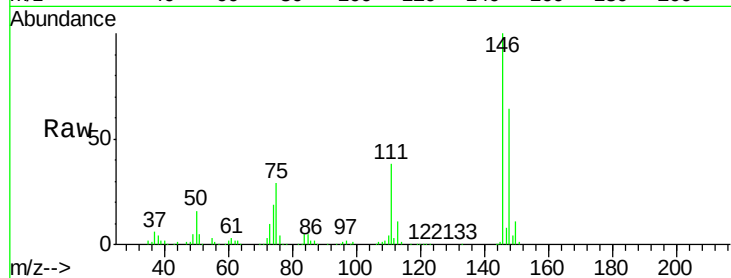
#91
 1,2-Dichlorobenzene
 Concen: 49.610 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.9
148	64.5	31.9	95.5

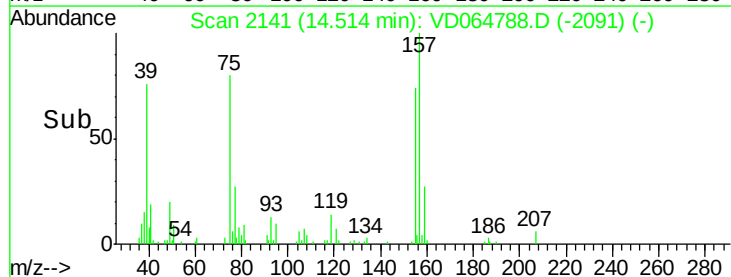
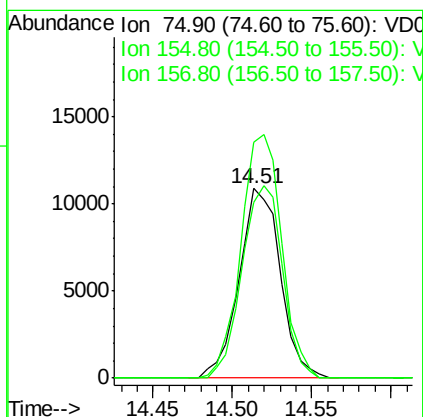
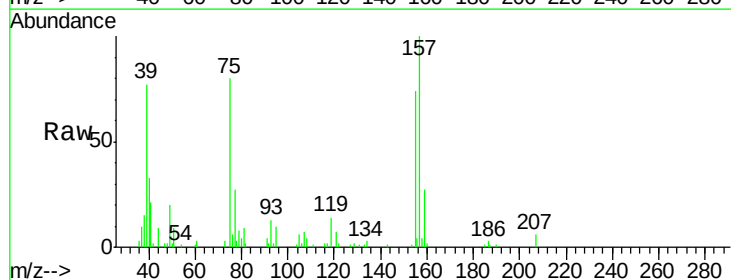
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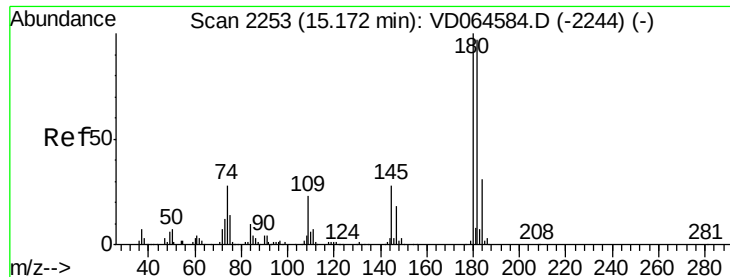
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.896 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	48.0	144.0
157	127.2	64.1	192.3





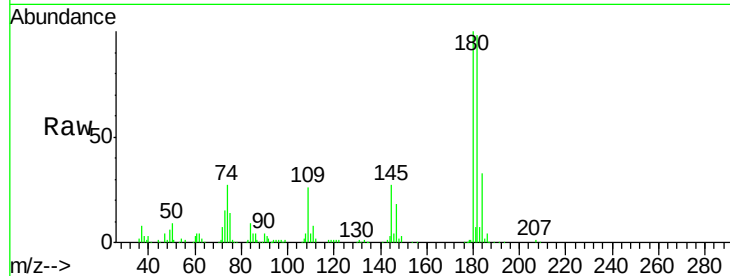
#93
 1,2,4-Trichlorobenzene
 Concen: 49.049 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

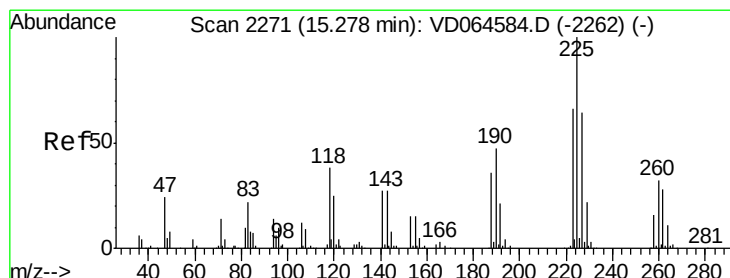
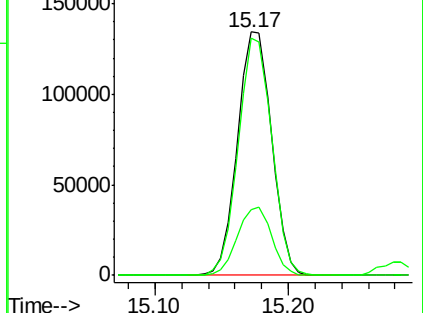
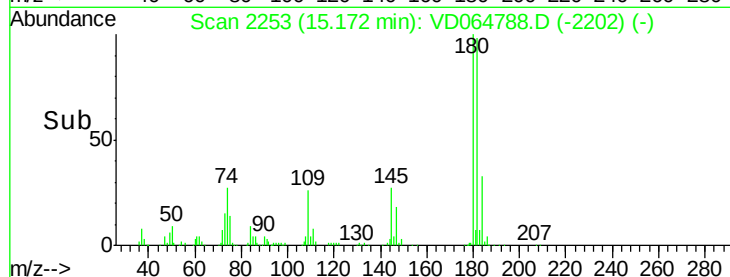
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237567		
182	96.2	48.0	144.2	
145	28.2	13.8	41.4	

Manual Integrations
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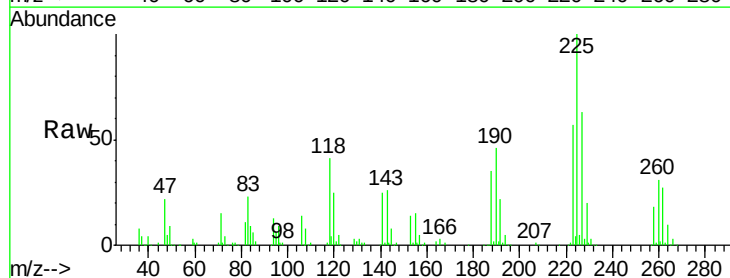


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

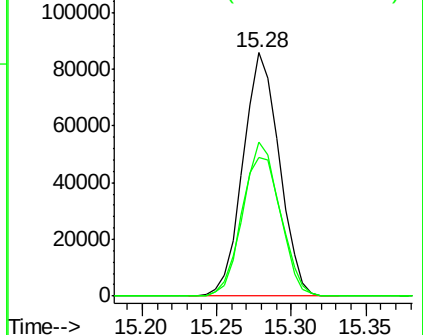
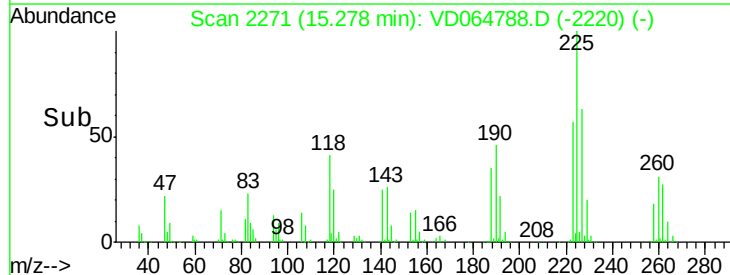


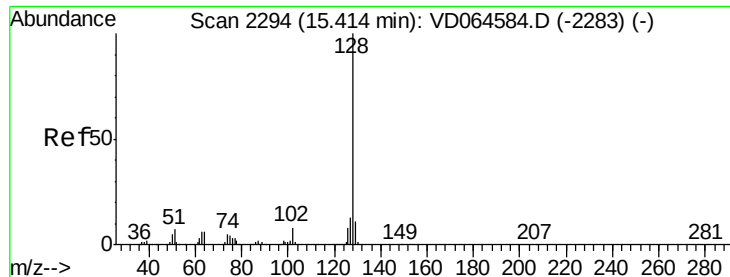
#94
 Hexachlorobutadiene
 Concen: 47.375 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064788.D
 Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144391		
223	62.4	31.1	93.2	
227	65.0	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





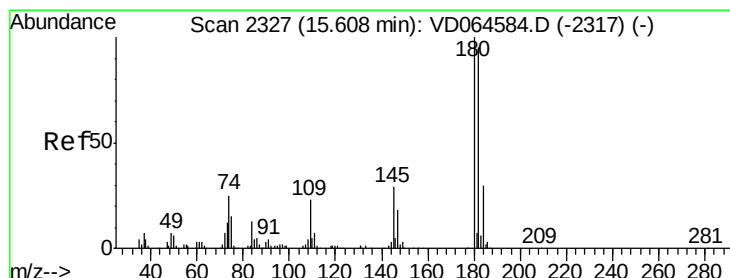
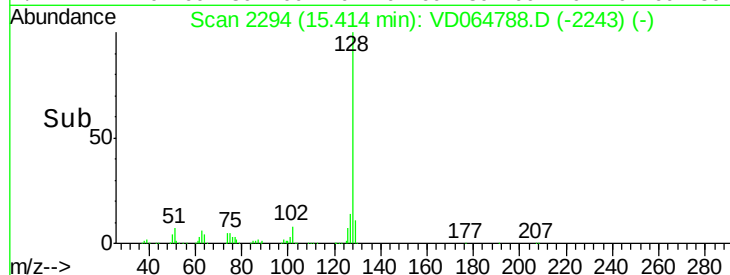
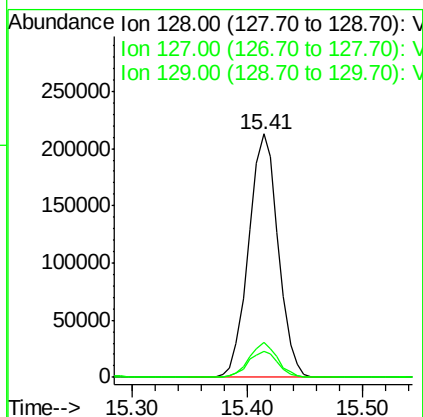
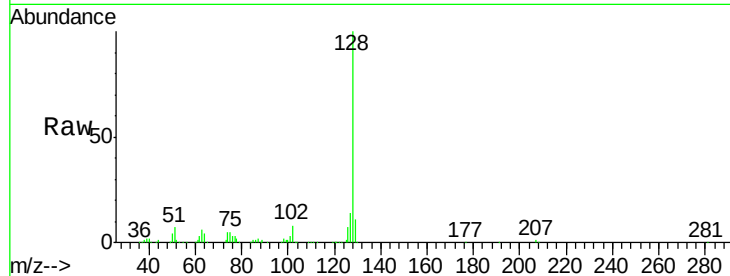
#95
Naphthalene
Concen: 49.559 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	379736		
127	13.5	10.3	15.5	
129	10.8	8.5	12.7	

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#96
1,2,3-Trichlorobenzene
Concen: 49.443 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064788.D
Acq: 07 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204441		
182	95.8	47.9	143.7	
145	30.4	14.9	44.7	

