

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064800.D
 Acq On : 07 Jan 2020 18:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:52 AM

Quant Time: Jan 08 08:26:41 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	326407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	491177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	453824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	156415	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.92	113	151255	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.34	98	567921	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.64	95	183840	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113238	44.640	ug/l	98
3) Chloromethane	2.21	50	180825	50.970	ug/l	95
4) Vinyl Chloride	2.35	62	209690	48.477	ug/l	95
5) Bromomethane	2.77	94	150318	47.794	ug/l	93
6) Chloroethane	2.93	64	145976	50.365	ug/l	94
7) Trichlorofluoromethane	3.27	101	340136	46.701	ug/l	100
8) Diethyl Ether	3.70	74	79880	55.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	145672	48.295	ug/l	98
10) Methyl Iodide	4.30	142	170185	52.526	ug/l	100
11) Tert butyl alcohol	5.25	59	46034	279.075	ug/l	94
12) 1,1-Dichloroethene	4.06	96	140158	48.807	ug/l	99
13) Acrolein	3.92	56	57195	248.798	ug/l	97
14) Allyl chloride	4.71	41	243336	54.348	ug/l	99
15) Acrylonitrile	5.43	53	171748	285.090	ug/l	98
16) Acetone	4.16	43	167595	280.213	ug/l	97
17) Carbon Disulfide	4.40	76	428552	46.153	ug/l	99
18) Methyl Acetate	4.73	43	94305	58.198	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	362994	56.910	ug/l	99
20) Methylene Chloride	4.97	84	178815	61.911	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	168803	51.615	ug/l	98
22) Diisopropyl ether	6.37	45	505637	56.620	ug/l	99
23) Vinyl Acetate	6.31	43	1477238	291.606	ug/l	99
24) 1,1-Dichloroethane	6.26	63	293197	54.689	ug/l	97
25) 2-Butanone	7.22	43	231123	292.134	ug/l	98
26) 2,2-Dichloropropane	7.21	77	259170	51.994	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	189380	53.656	ug/l	98
28) Bromochloromethane	7.55	49	117613	56.435	ug/l	100
29) Tetrahydrofuran	7.57	42	141852	288.318	ug/l	99
30) Chloroform	7.71	83	311502	55.380	ug/l	99
31) Cyclohexane	7.98	56	236975	44.158	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	275371	52.122	ug/l	99
36) 1,1-Dichloropropene	8.11	75	227599	48.143	ug/l	99
37) Ethyl Acetate	7.30	43	102234	55.047	ug/l	99
38) Carbon Tetrachloride	8.10	117	246971	48.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	260018	45.411	ug/l	94
40) Benzene	8.36	78	665335	51.553	ug/l	98
41) Methacrylonitrile	7.53	41	51300	47.607	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	207422	55.617	ug/l	99
43) Isopropyl Acetate	8.46	43	201813	54.593	ug/l	99
44) Trichloroethene	9.11	130	190328	50.201	ug/l	96
45) 1,2-Dichloropropane	9.39	63	166491	54.031	ug/l	97
46) Dibromomethane	9.48	93	92901	54.075	ug/l	99
47) Bromodichloromethane	9.67	83	250487	54.793	ug/l	98
48) Methyl methacrylate	9.46	41	95011	54.585	ug/l	96
49) 1,4-Dioxane	9.47	88	21621	1091.439	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	516147	282.483	ug/l	99
52) Toluene	10.41	92	435916	51.483	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	236179	55.413	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	273704	54.462	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	125931	54.391	ug/l	97
56) Ethyl methacrylate	10.66	69	165359	57.188	ug/l	97
57) 1,3-Dichloropropane	10.95	76	217871	54.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	269567	244.697	ug/l	98
59) 2-Hexanone	10.99	43	358810	289.329	ug/l	99
60) Dibromochloromethane	11.14	129	173549	54.205	ug/l	99
61) 1,2-Dibromoethane	11.25	107	122226	53.523	ug/l	98
64) Tetrachloroethene	10.88	164	162525	46.680	ug/l	98
65) Chlorobenzene	11.67	112	478296	50.780	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	186993	52.662	ug/l	98
67) Ethyl Benzene	11.75	91	848233	49.615	ug/l	100
68) m/p-Xylenes	11.86	106	658997	99.867	ug/l	99
69) o-Xylene	12.18	106	306188	51.371	ug/l	99
70) Styrene	12.20	104	542345	51.839	ug/l	99
71) Bromoform	12.37	173	109513	54.082	ug/l #	99
73) Isopropylbenzene	12.48	105	808913	49.756	ug/l	99
74) N-amyl acetate	12.30	43	189604	54.557	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	134118	52.514	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	87160m	48.517	ug/l	
77) Bromobenzene	12.77	156	203924	51.048	ug/l	98
78) n-propylbenzene	12.83	91	937753	49.442	ug/l	100
79) 2-Chlorotoluene	12.91	91	529558	50.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	670844	50.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	44517	51.827	ug/l	95
82) 4-Chlorotoluene	13.01	91	552697	49.846	ug/l	100
83) tert-Butylbenzene	13.23	119	573694	49.476	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	682977	51.349	ug/l	98
85) sec-Butylbenzene	13.41	105	779756	49.051	ug/l	99
86) p-Isopropyltoluene	13.53	119	762402	50.157	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	387541	50.889	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	374097	50.006	ug/l	99
89) n-Butylbenzene	13.86	91	677524	49.496	ug/l	99
90) Hexachloroethane	14.12	117	143157	49.304	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	331854	51.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40621	98.113	ug/l	55

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	243549	50.937	ug/l	99
94) Hexachlorobutadiene	15.28	225	138045	45.881	ug/l	98
95) Naphthalene	15.41	128	406229	53.705	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	207530	50.842	ug/l	99

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

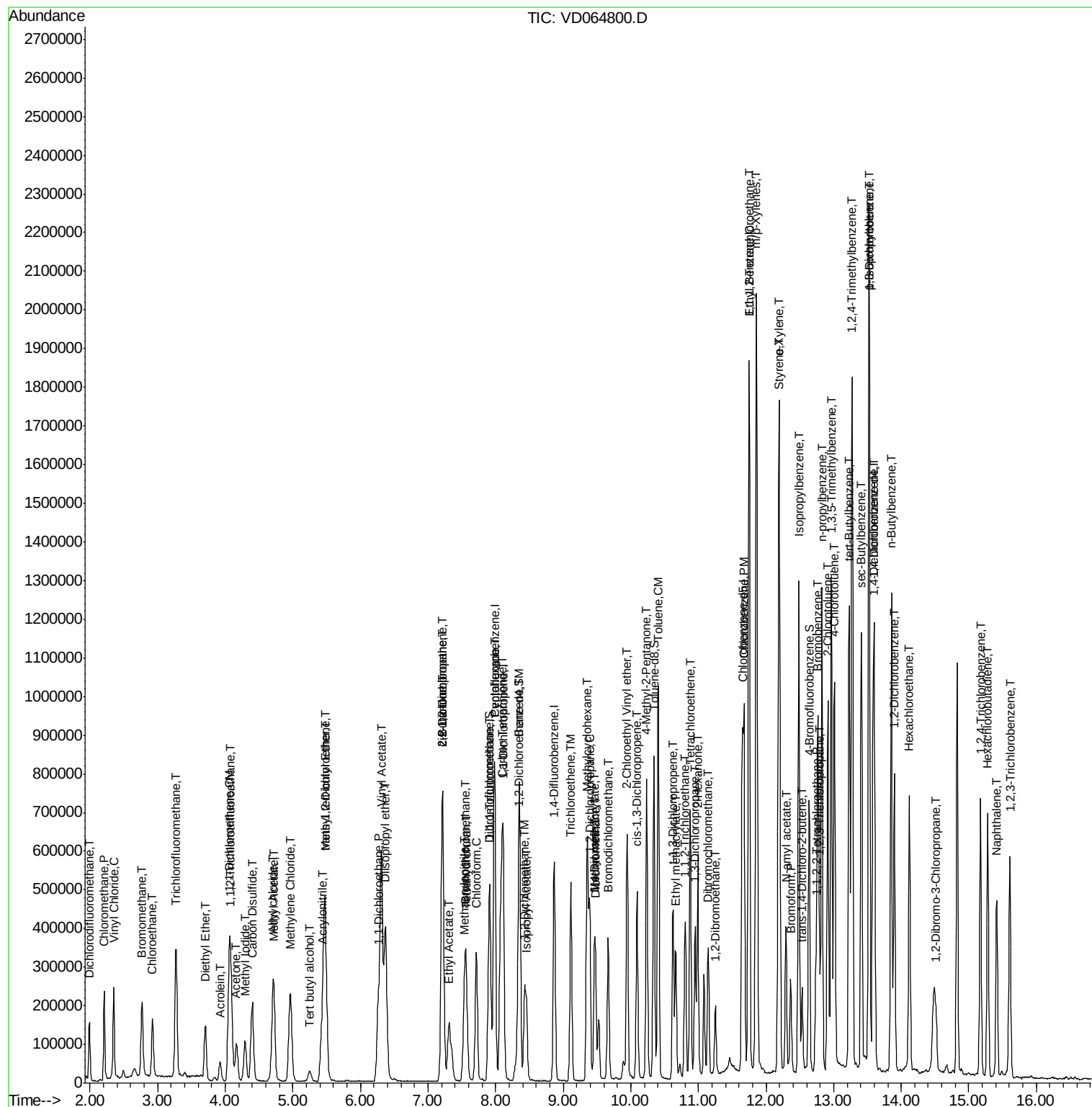
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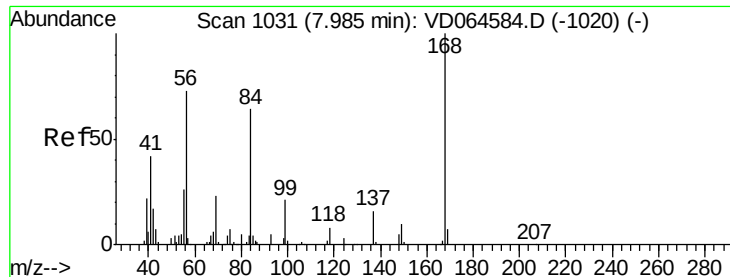
Instrument :
MSVOA_D
Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 326407

Ion Ratio Lower Upper

168 100

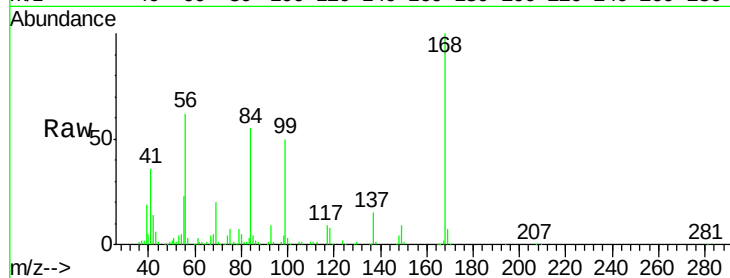
99 49.8 41.8 62.6

Manual Integrations

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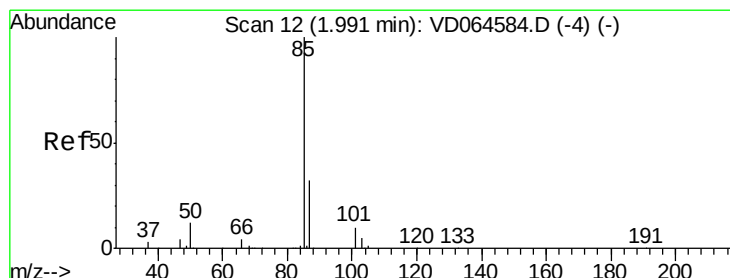
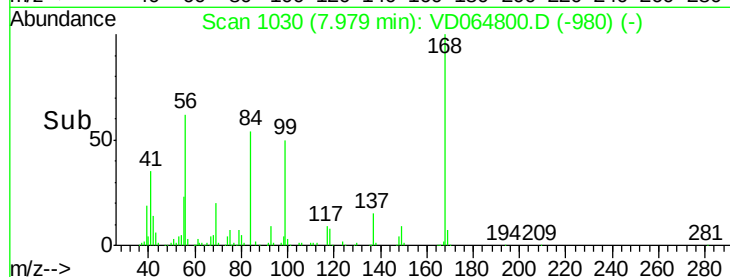
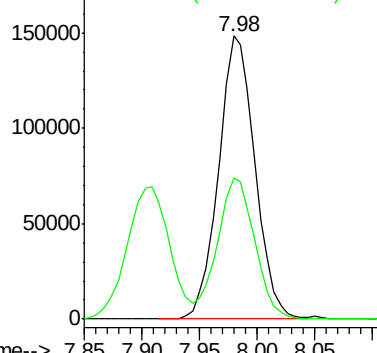
apatel

1/8/2020 9:26:52 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.640 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064800.D

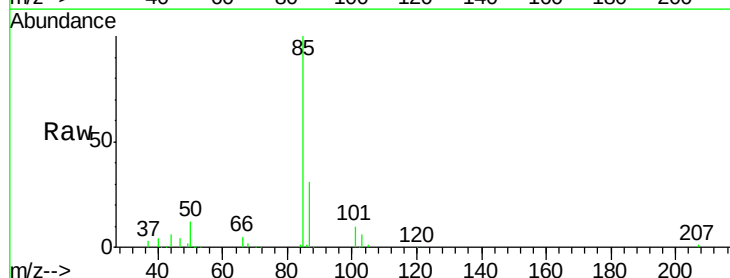
Acq: 07 Jan 2020 18:39

Tgt Ion: 85 Resp: 113238

Ion Ratio Lower Upper

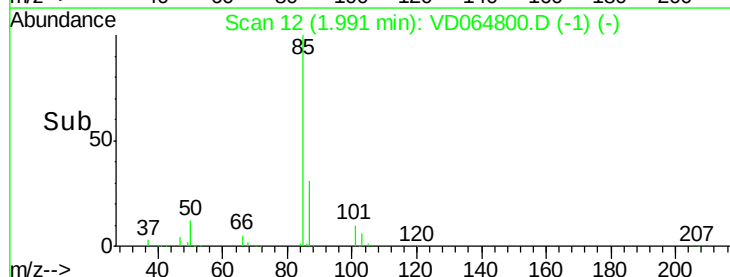
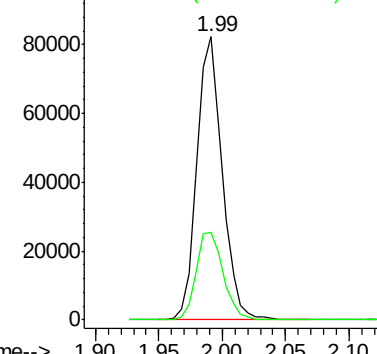
85 100

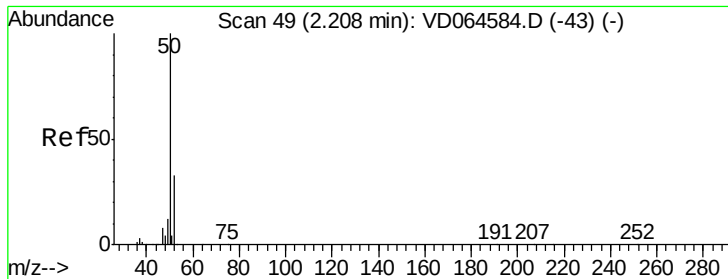
87 30.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 50.970 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 180825

Ion Ratio Lower Upper

50 100

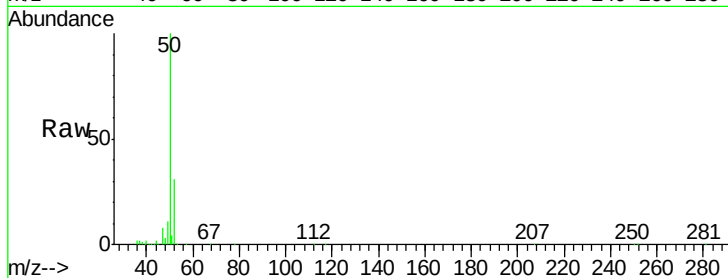
52 30.5 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

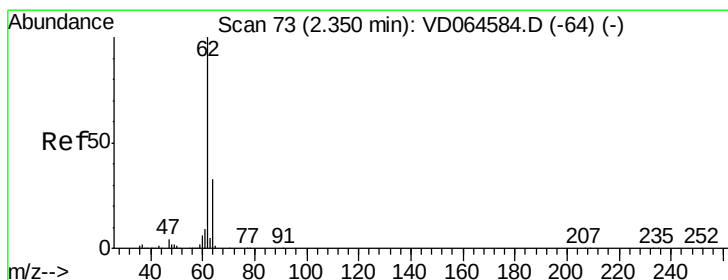
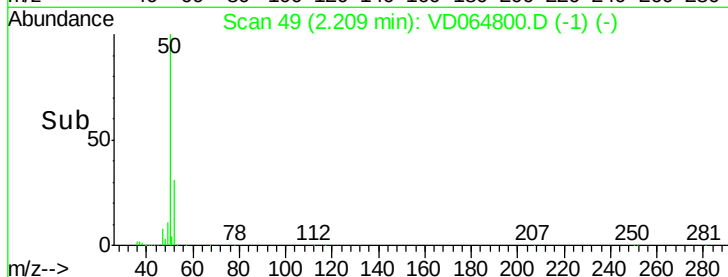
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.477 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064800.D

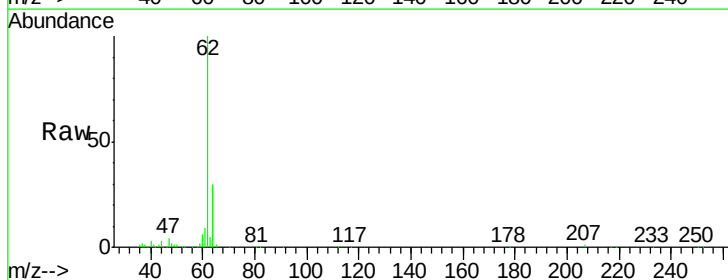
Acq: 07 Jan 2020 18:39

Tgt Ion: 62 Resp: 209690

Ion Ratio Lower Upper

62 100

64 30.2 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

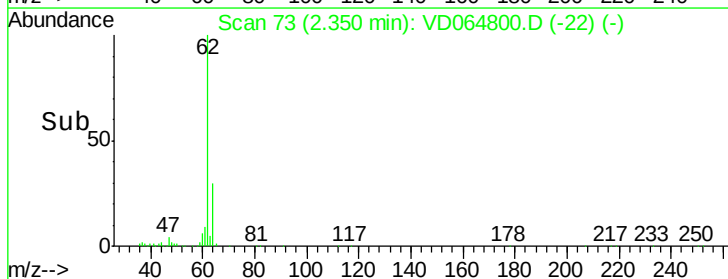
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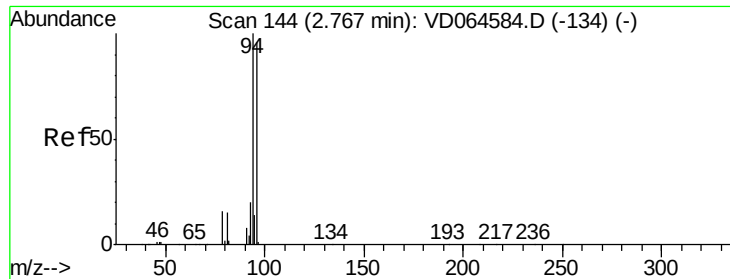
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.794 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 150318

Ion Ratio Lower Upper

94 100

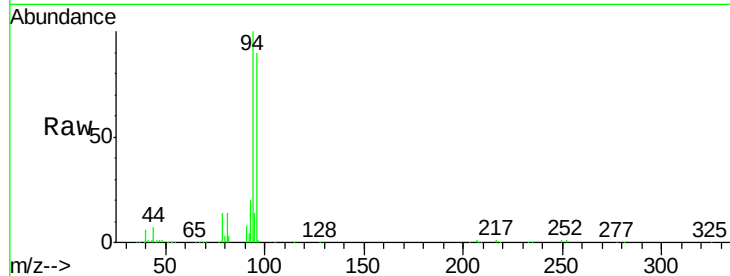
96 90.1 77.2 115.8

Manual Integrations

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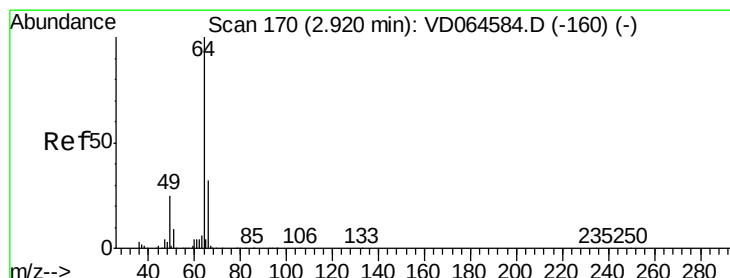
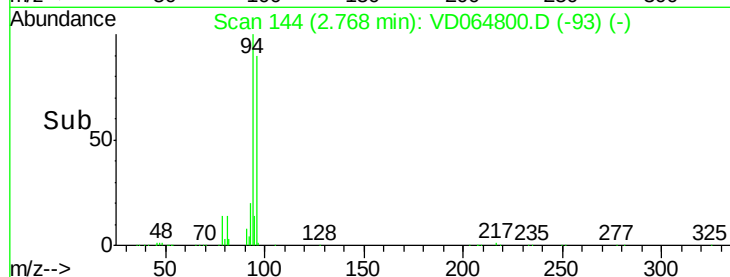
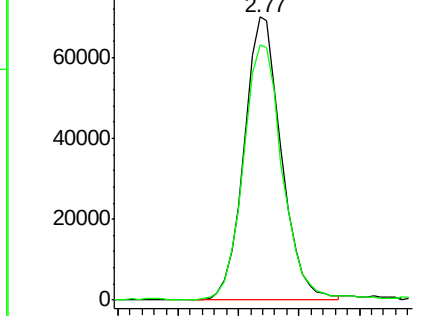
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.365 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064800.D

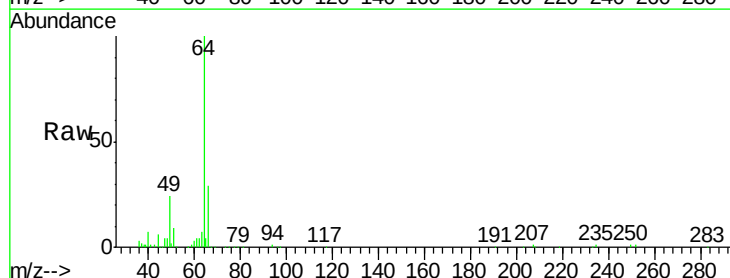
Acq: 07 Jan 2020 18:39

Tgt Ion: 64 Resp: 145976

Ion Ratio Lower Upper

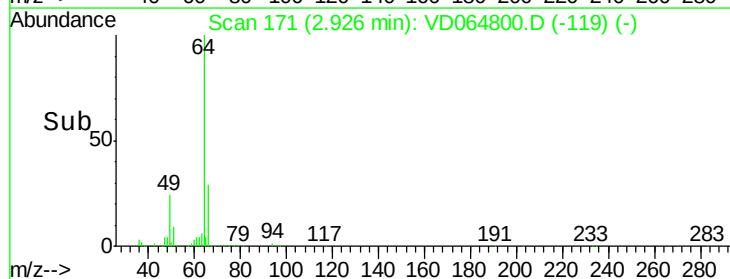
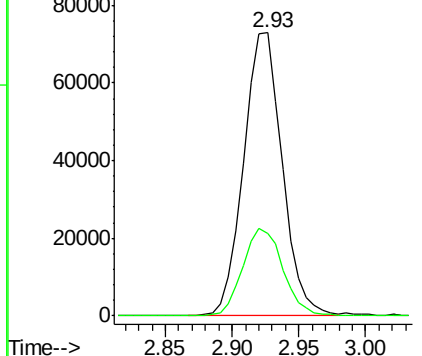
64 100

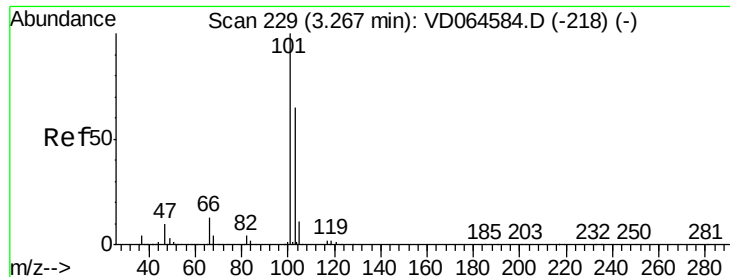
66 29.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

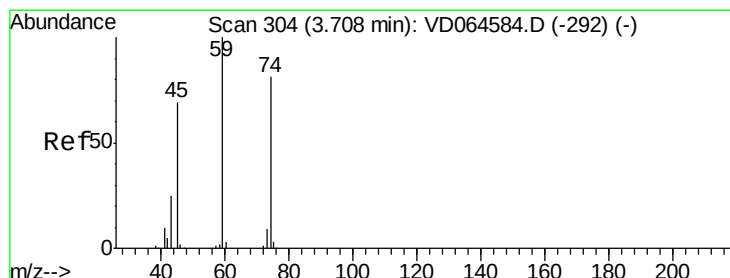
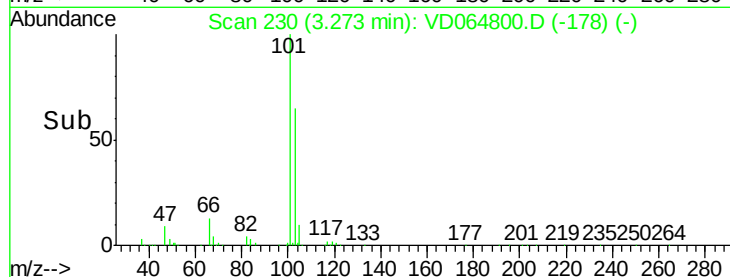
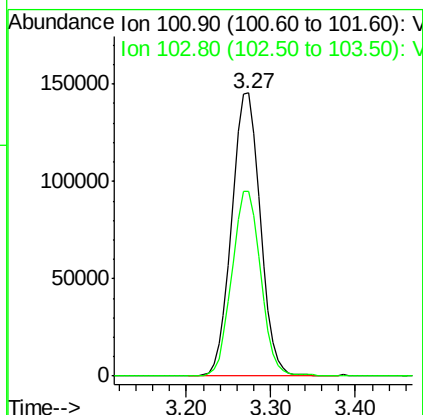
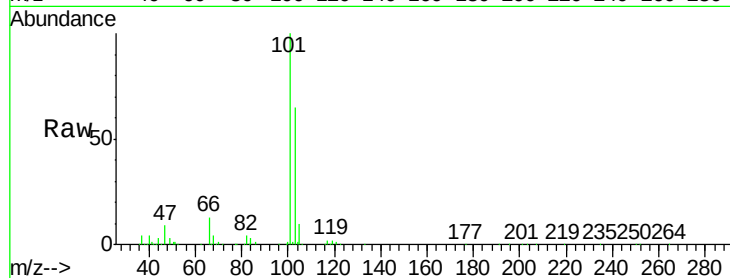
Trichlorofluoromethane
 Concen: 46.701 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	340136		
103	65.4	52.2	78.4	

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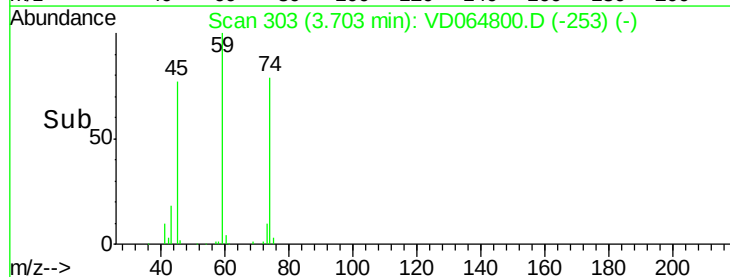
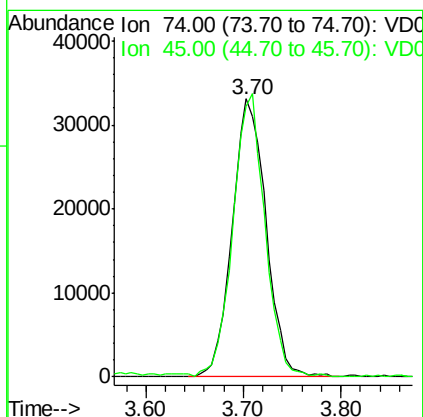
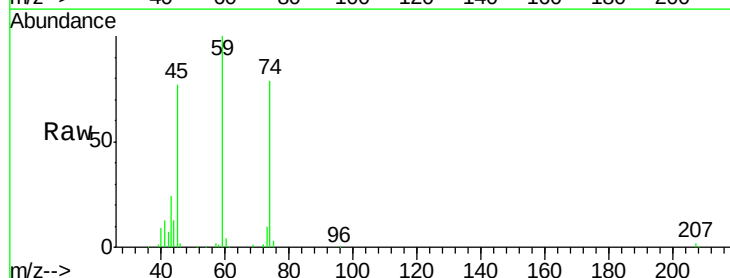
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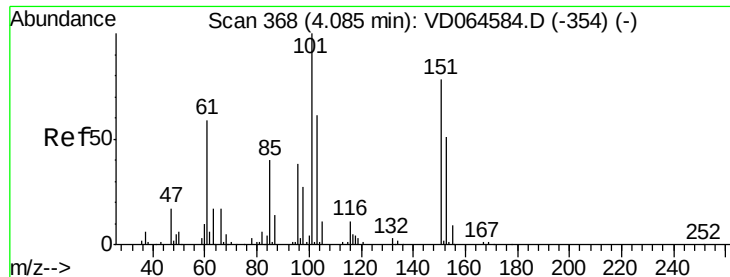


#8

Diethyl Ether
 Concen: 55.230 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	79880		
45	96.6	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.295 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

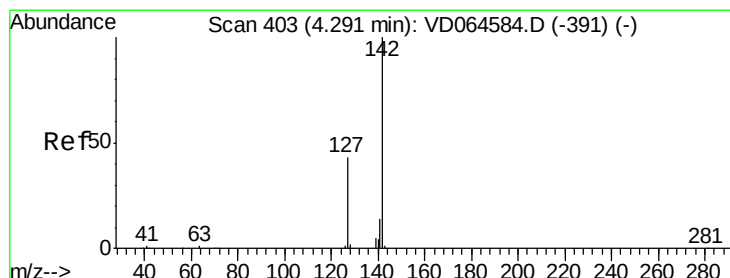
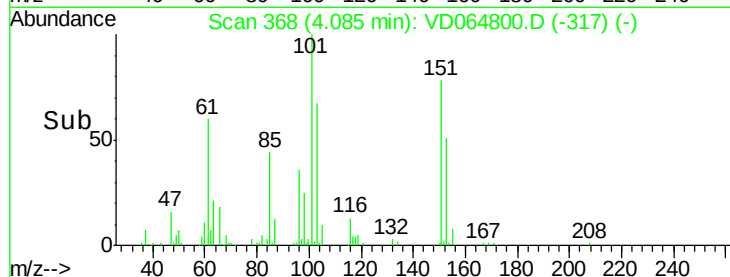
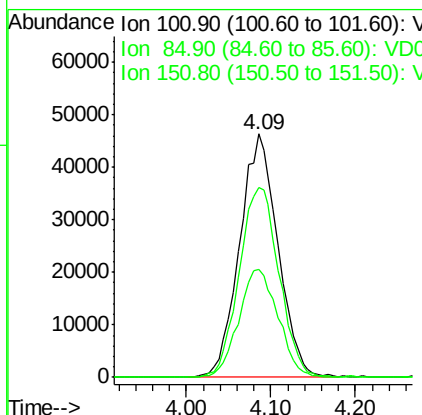
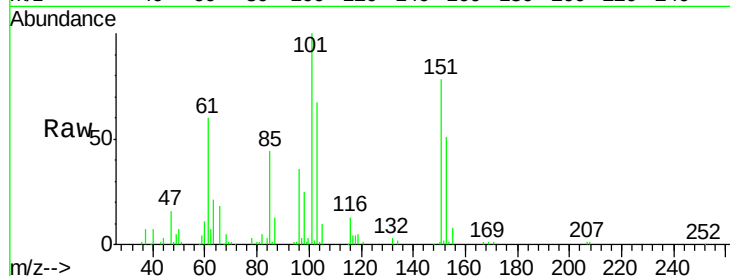
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	145672
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.2	52.8
151	81.2	66.2	99.4

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#10

Methyl Iodide

Concen: 52.526 ug/l

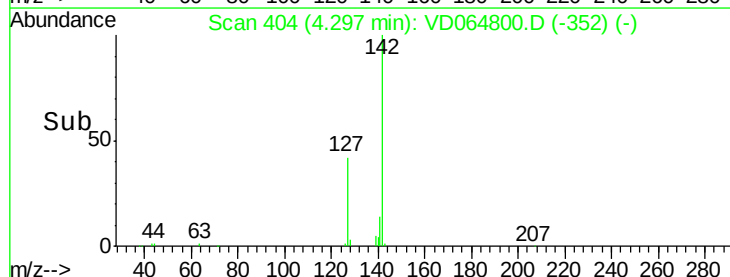
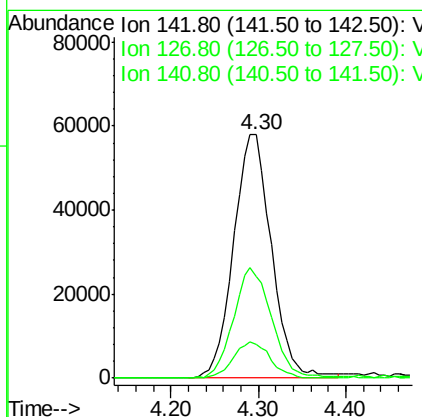
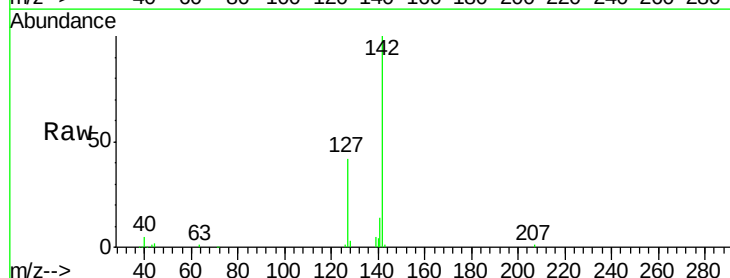
RT: 4.30 min Scan# 404

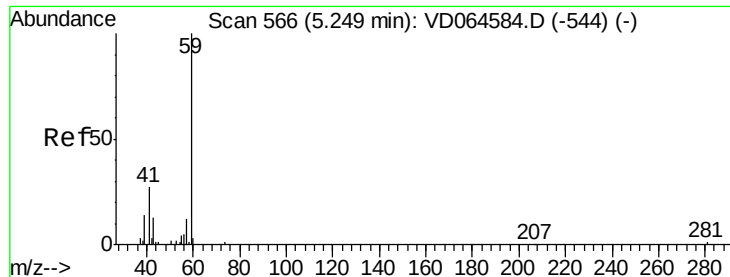
Delta R.T. 0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	142	Resp:	170185
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.2	54.4
141	14.4	11.8	17.8





#11

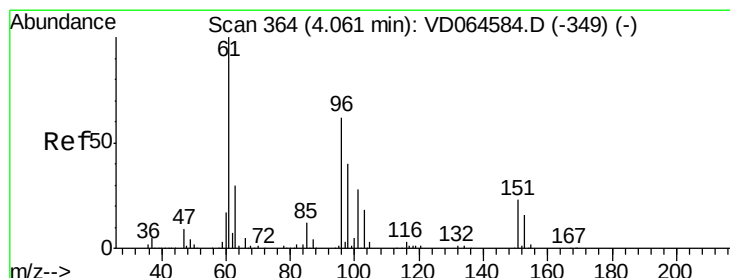
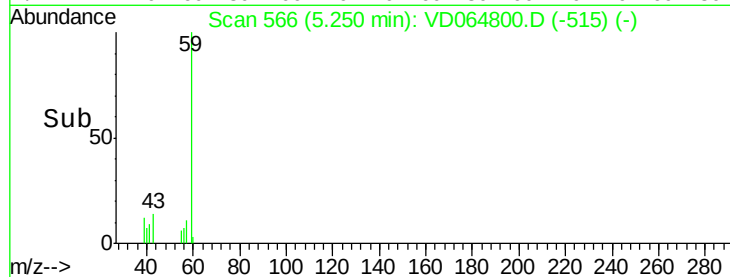
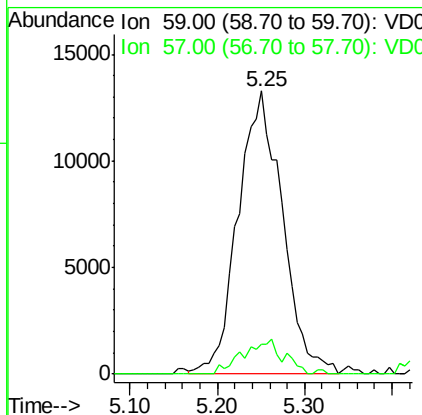
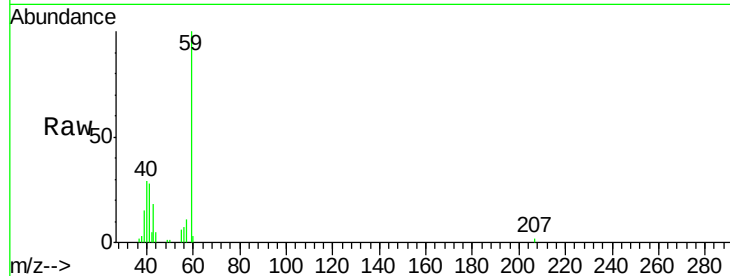
Tert butyl alcohol
Concen: 279.075 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.3	9.3	13.9

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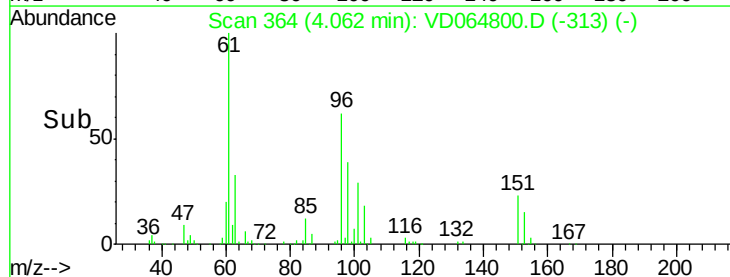
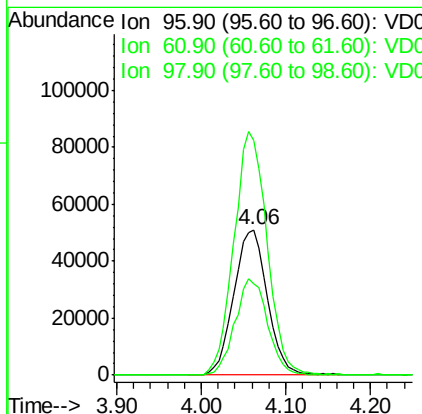
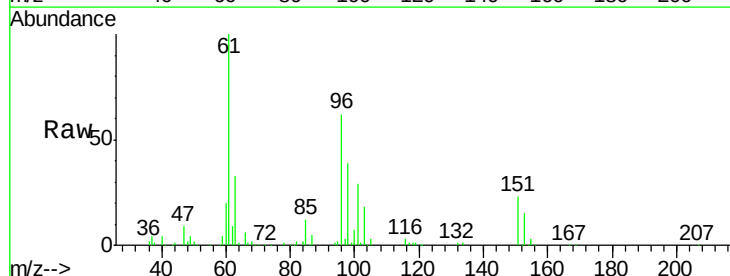
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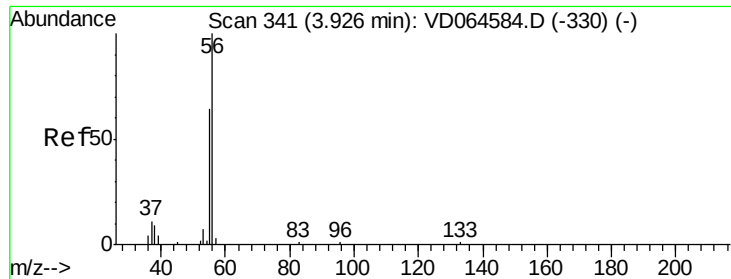


#12

1,1-Dichloroethene
Concen: 48.807 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	129.4	194.0
98	62.6	51.4	77.0





#13

Acrolein

Concen: 248.798 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 57195

Ion Ratio Lower Upper

56 100

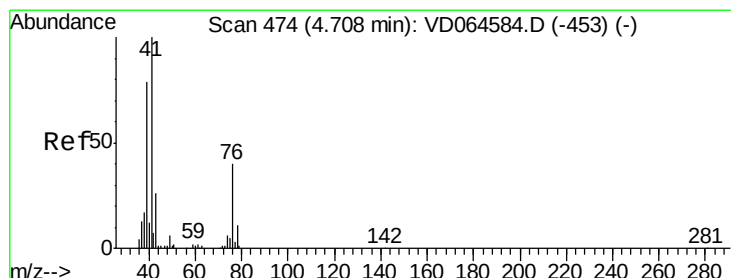
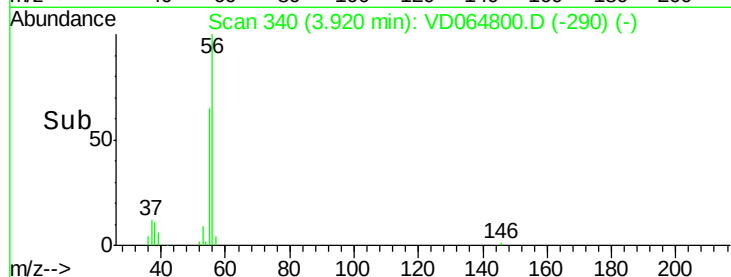
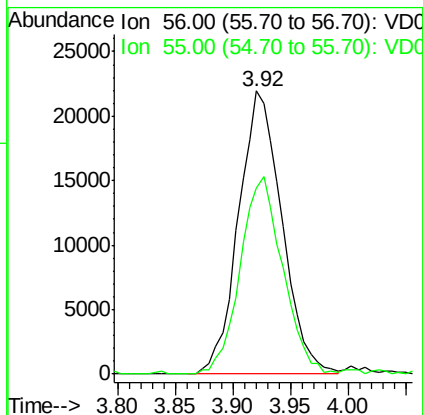
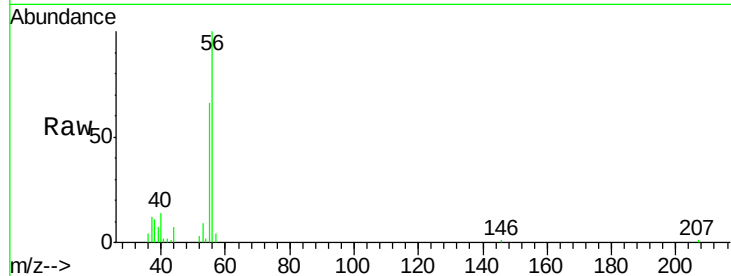
55 68.5 56.7 85.1

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#14

Allyl chloride

Concen: 54.348 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

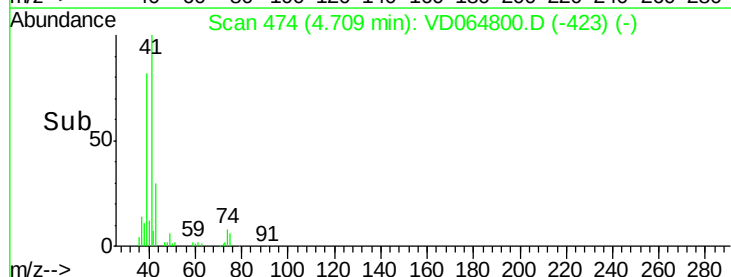
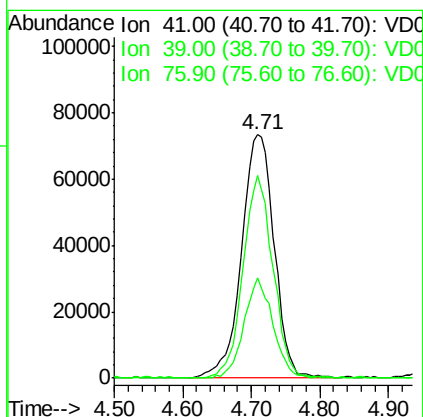
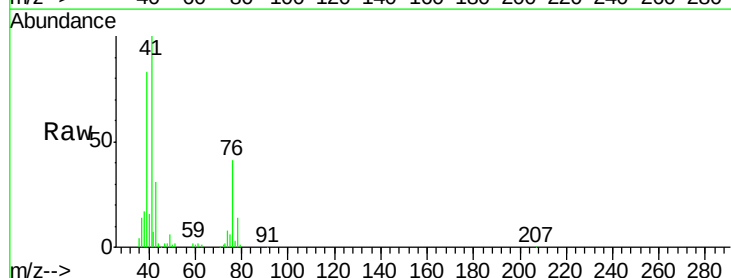
Tgt Ion: 41 Resp: 243336

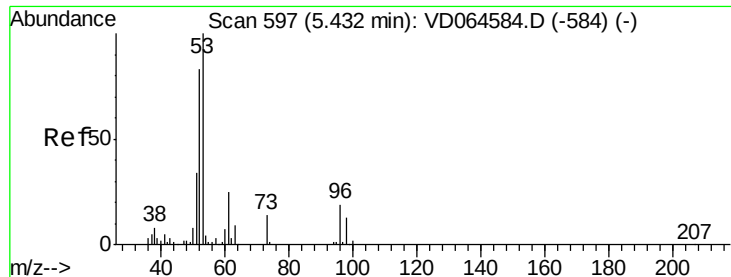
Ion Ratio Lower Upper

41 100

39 76.4 62.3 93.5

76 36.5 29.7 44.5





#15

Acrylonitrile

Concen: 285.090 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

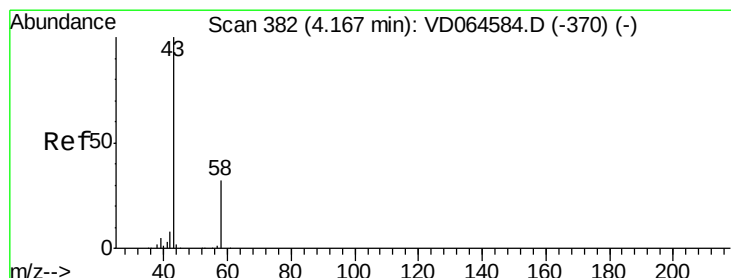
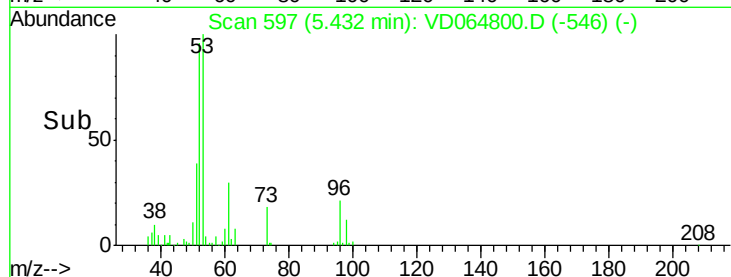
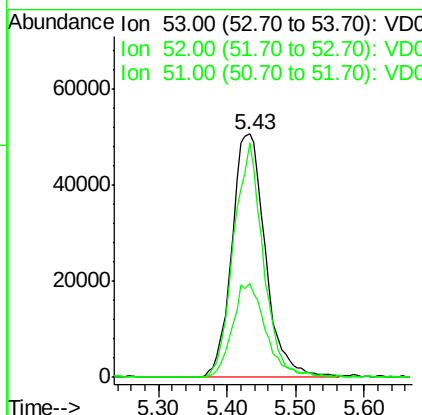
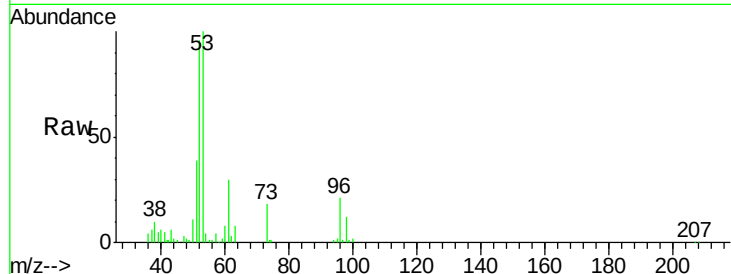
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	171748
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.2	99.2
51	38.7	30.1	45.1

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#16

Acetone

Concen: 280.213 ug/l

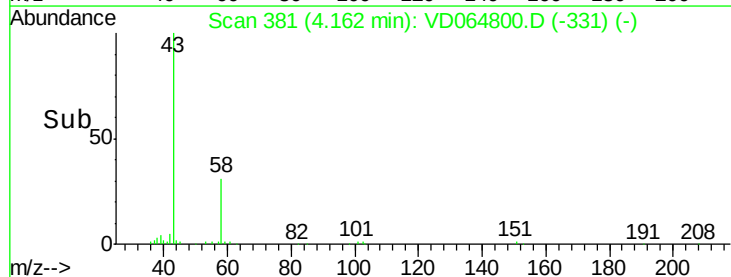
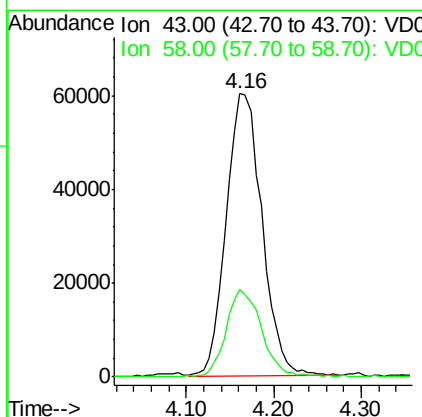
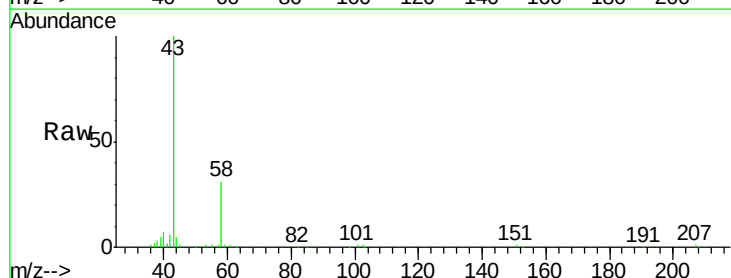
RT: 4.16 min Scan# 381

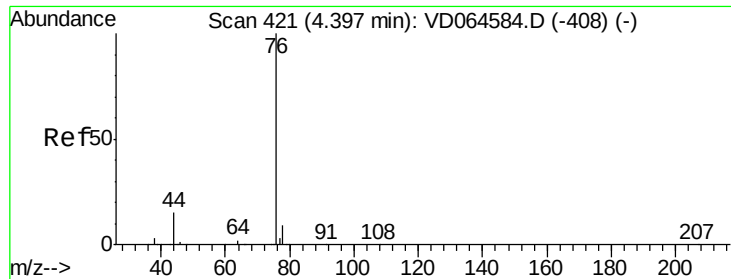
Delta R.T. -0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	43	Resp:	167595
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.8	38.6





#17

Carbon Disulfide

Concen: 46.153 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 42852

Ion Ratio Lower Upper

76 100

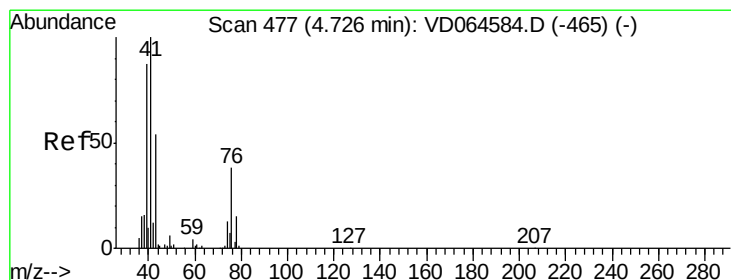
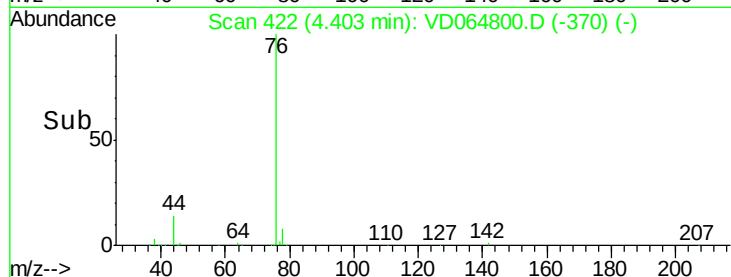
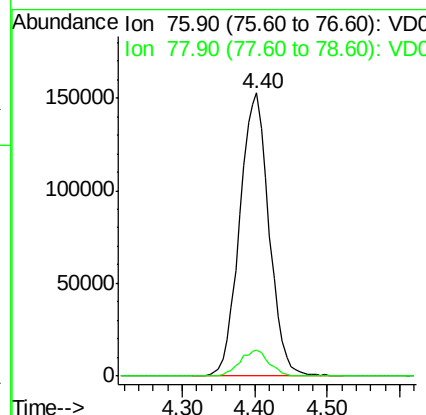
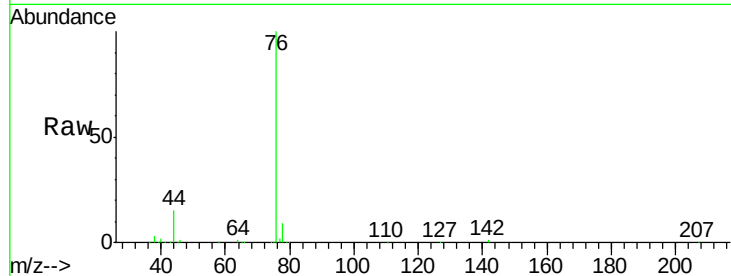
78 9.3 7.3 10.9

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#18

Methyl Acetate

Concen: 58.198 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064800.D

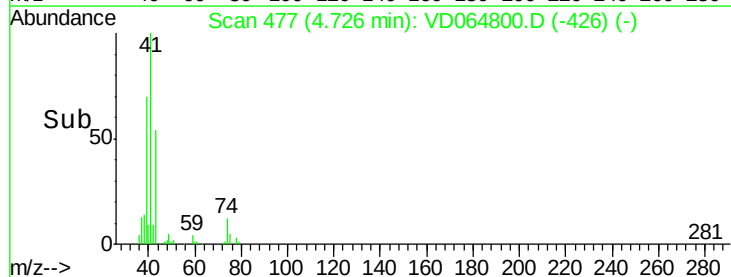
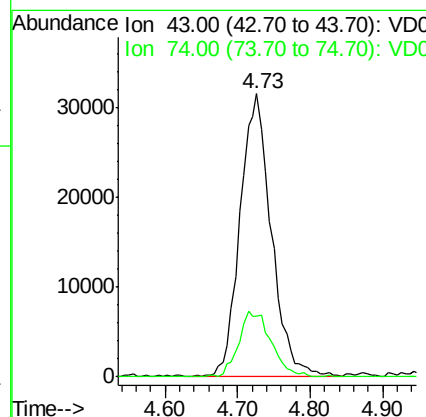
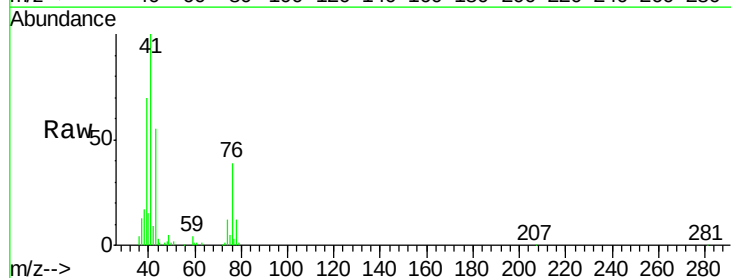
Acq: 07 Jan 2020 18:39

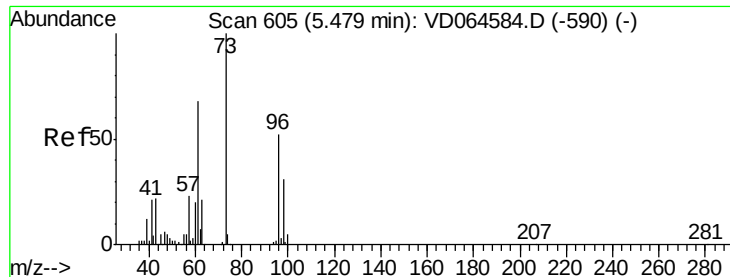
Tgt Ion: 43 Resp: 94305

Ion Ratio Lower Upper

43 100

74 23.8 19.2 28.8





#19

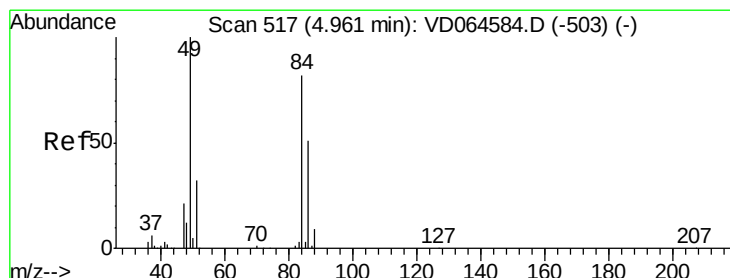
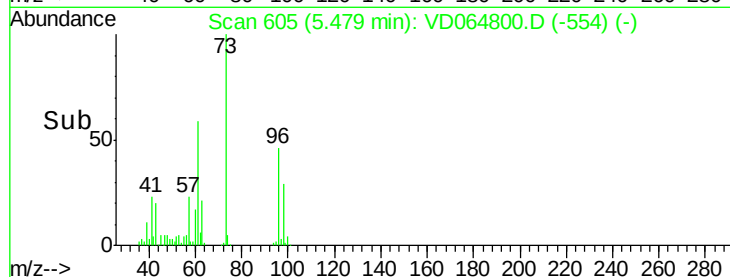
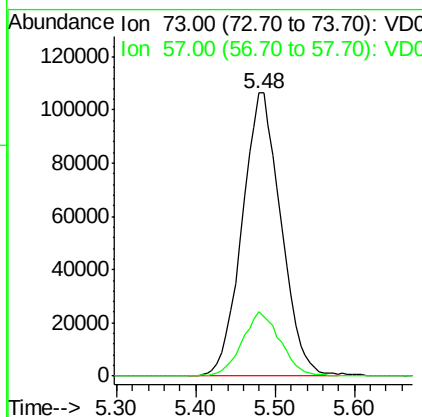
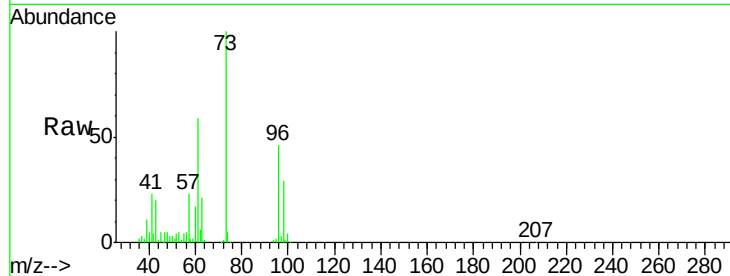
Methyl tert-butyl Ether
 Concen: 56.910 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 362994
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.6 27.8

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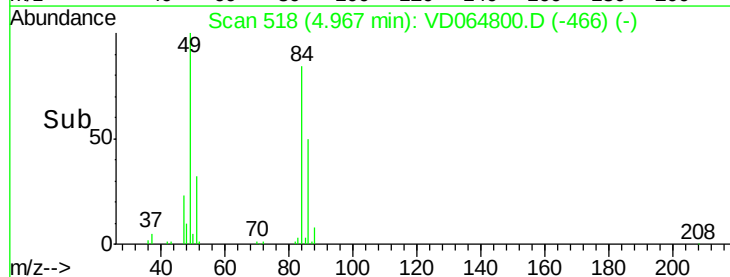
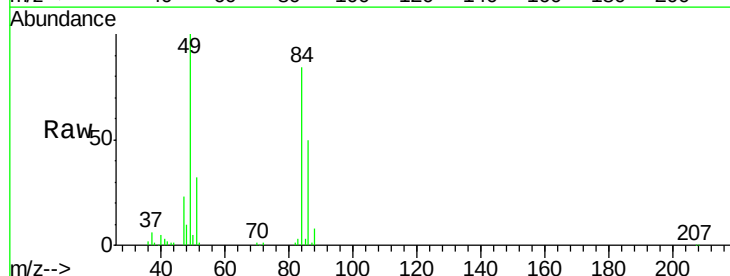
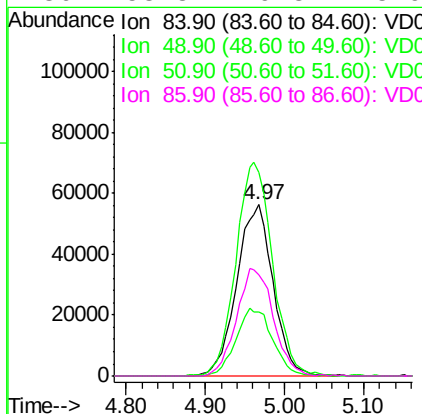
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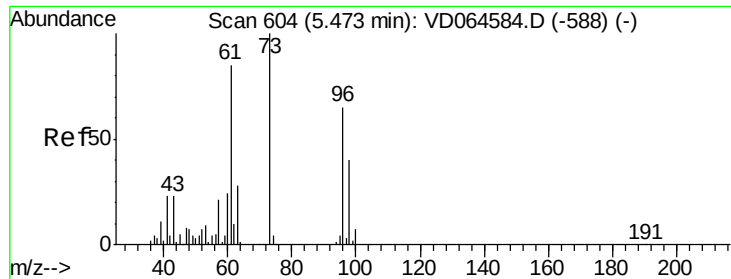


#20

Methylene Chloride
 Concen: 61.911 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion: 84 Resp: 178815
 Ion Ratio Lower Upper
 84 100
 49 118.6 97.2 145.8
 51 37.5 31.4 47.0
 86 58.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 51.615 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

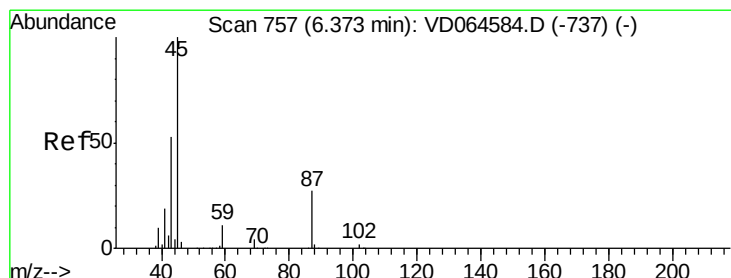
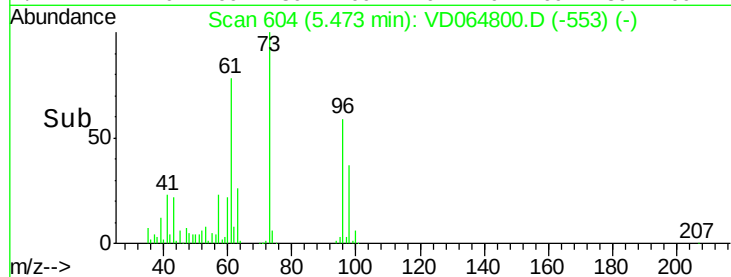
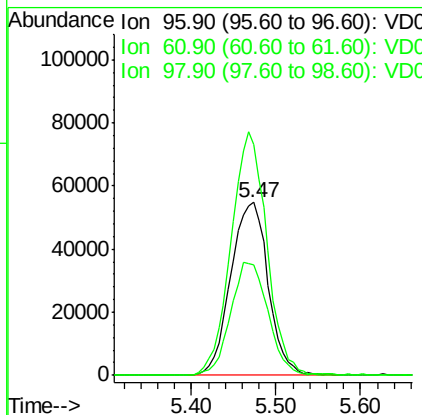
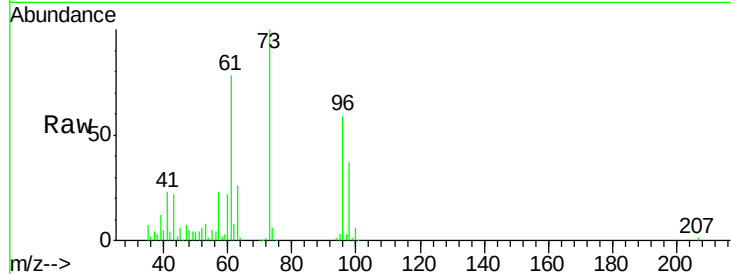
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	168803
Ion	Ratio	Lower	Upper
96	100		
61	133.5	104.7	157.1
98	63.4	49.4	74.2

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#22

Diisopropyl ether

Concen: 56.620 ug/l

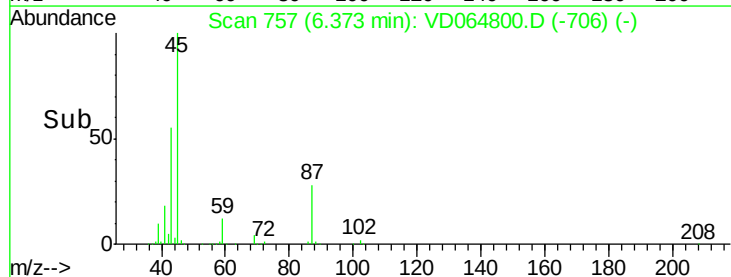
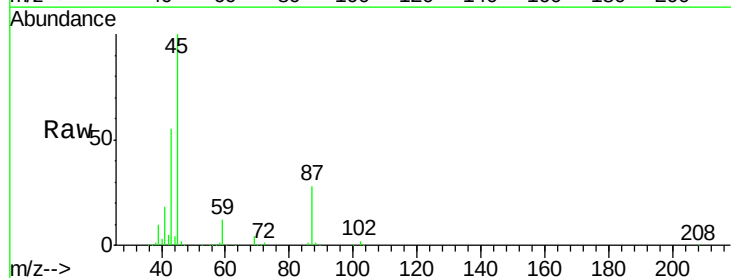
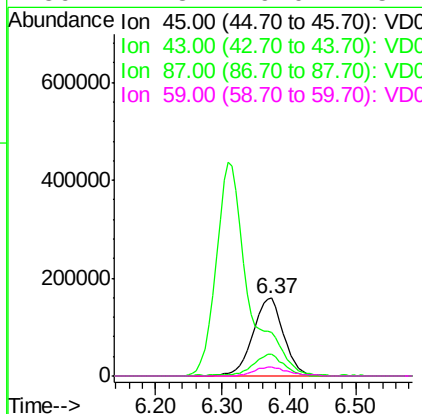
RT: 6.37 min Scan# 757

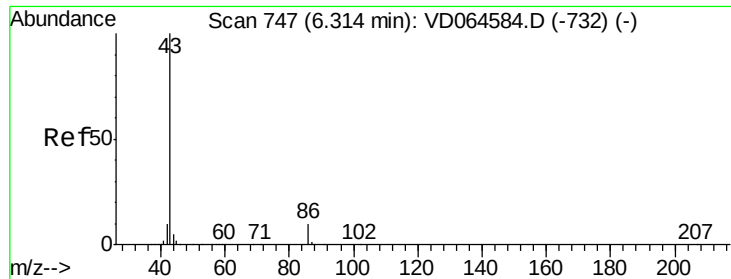
Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	45	Resp:	505637
Ion	Ratio	Lower	Upper
45	100		
43	54.5	43.2	64.8
87	28.0	21.9	32.9
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 291.606 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1477238

Ion Ratio Lower Upper

43 100

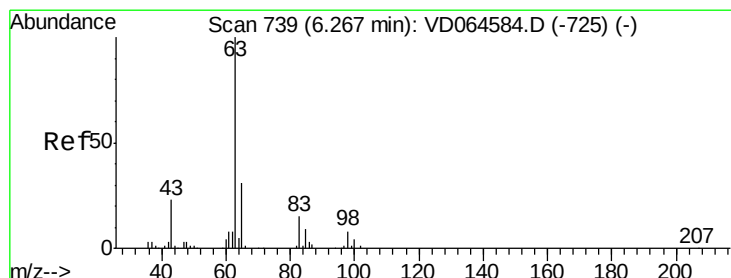
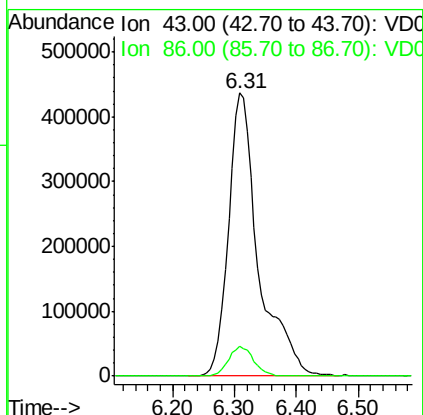
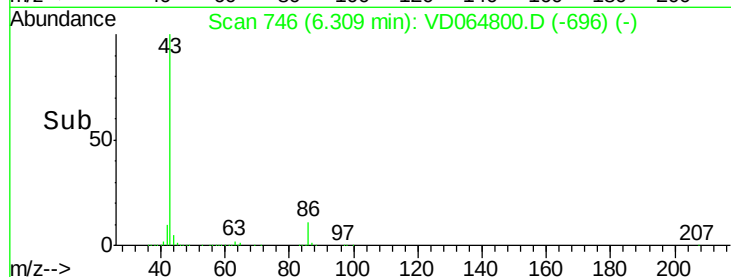
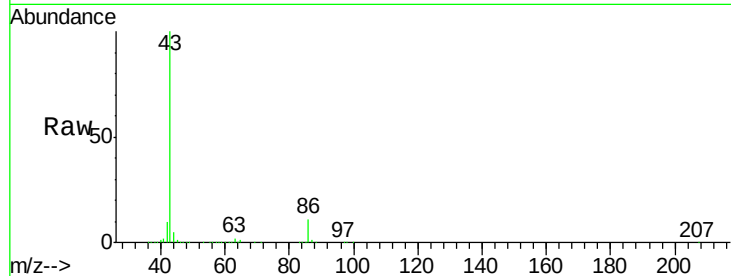
86 10.8 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 54.689 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

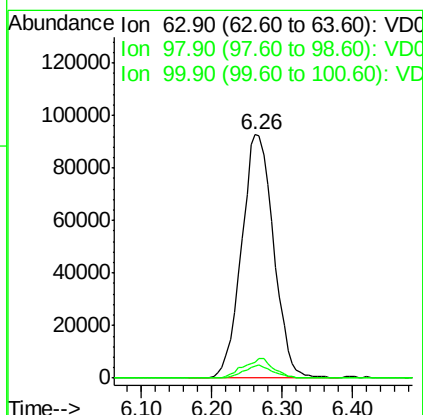
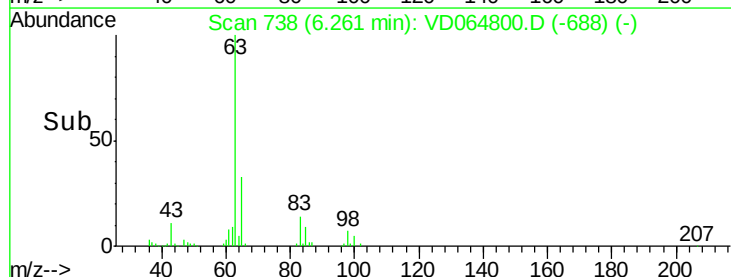
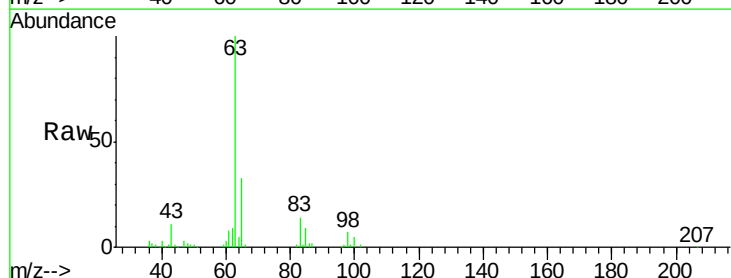
Tgt Ion: 63 Resp: 293197

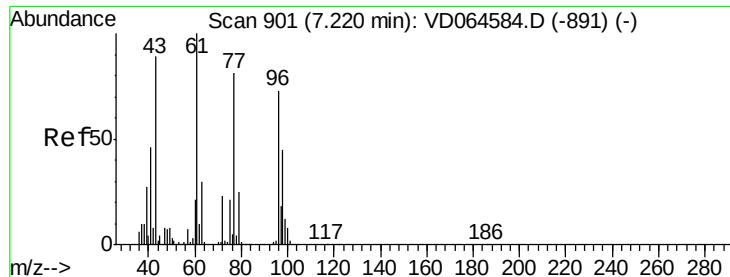
Ion Ratio Lower Upper

63 100

98 6.7 4.1 12.3

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 292.134 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 231123

Ion Ratio Lower Upper

43 100

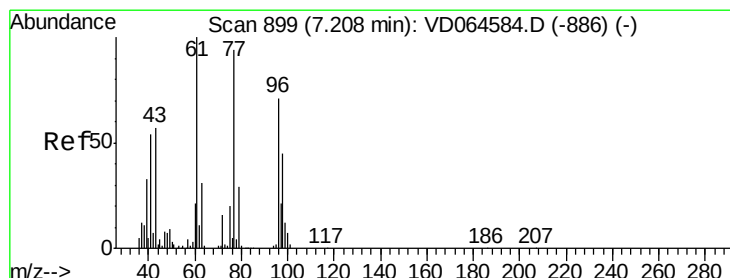
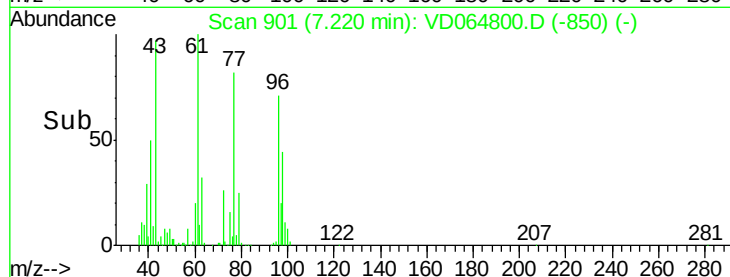
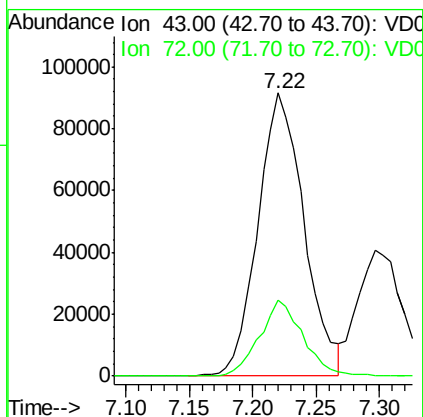
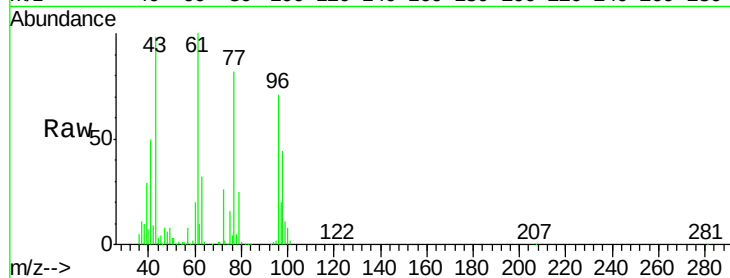
72 26.8 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 51.994 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064800.D

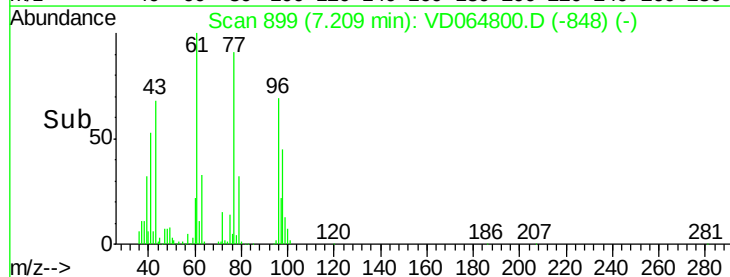
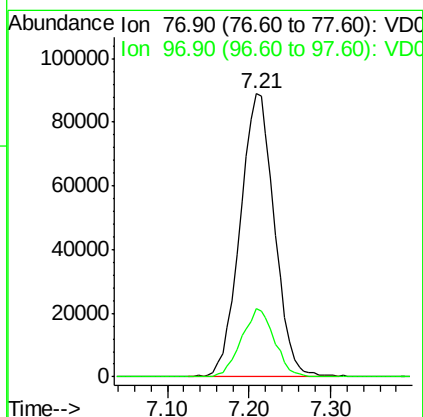
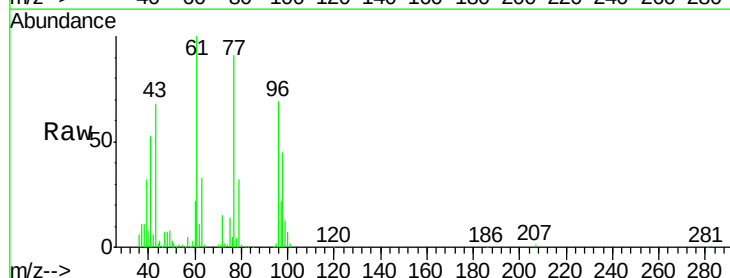
Acq: 07 Jan 2020 18:39

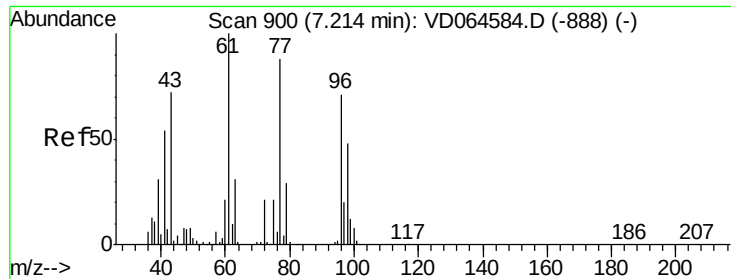
Tgt Ion: 77 Resp: 259170

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 53.656 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

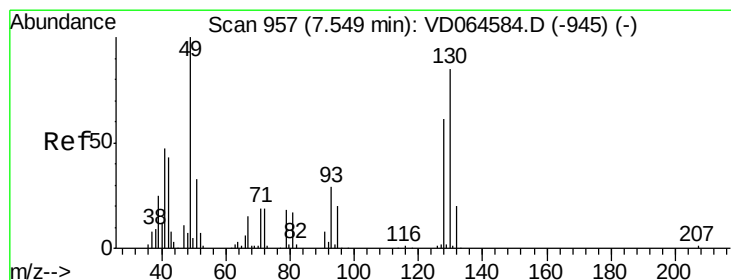
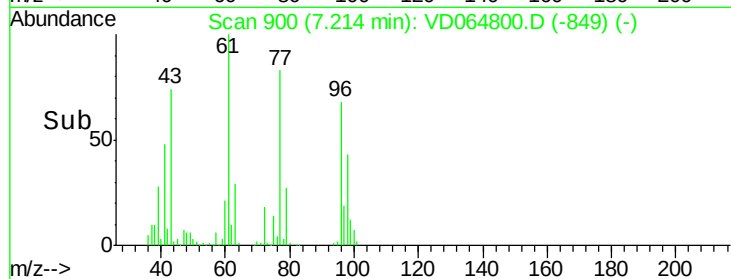
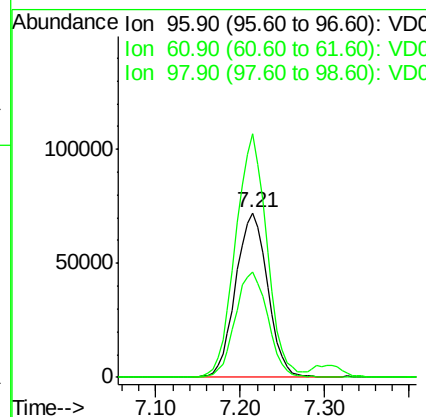
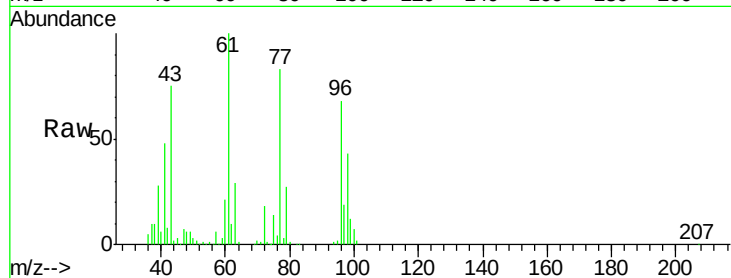
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	189380
Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	282.6
98	65.3	0.0	130.8

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#28

Bromochloromethane

Concen: 56.435 ug/l

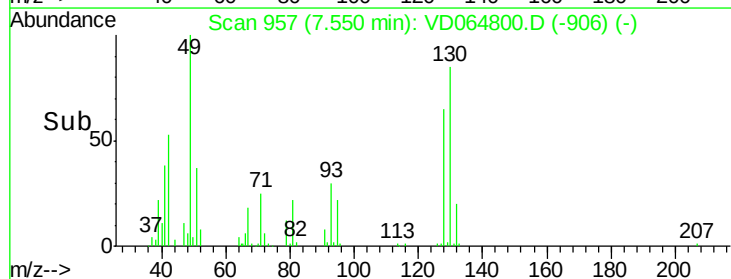
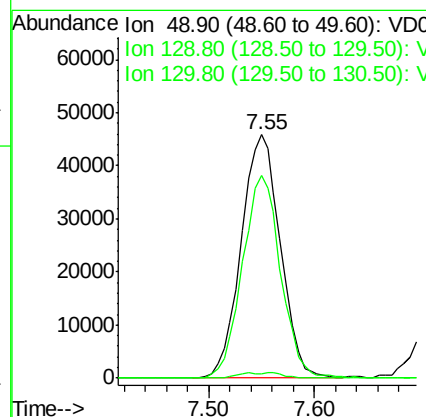
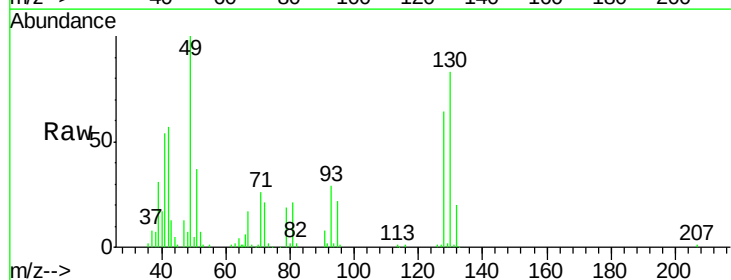
RT: 7.55 min Scan# 957

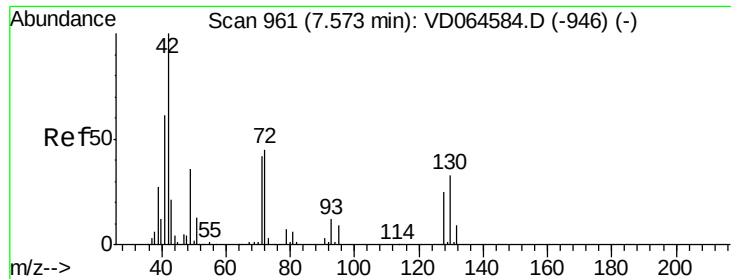
Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	49	Resp:	117613
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.8
130	81.4	65.0	97.6





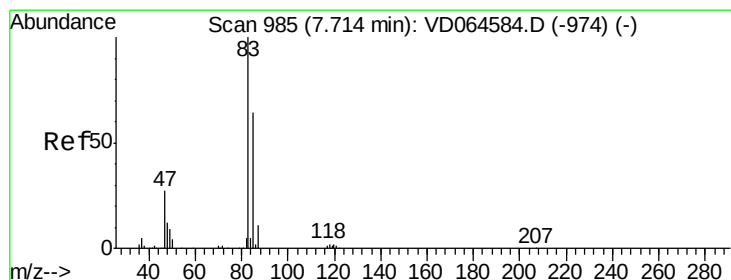
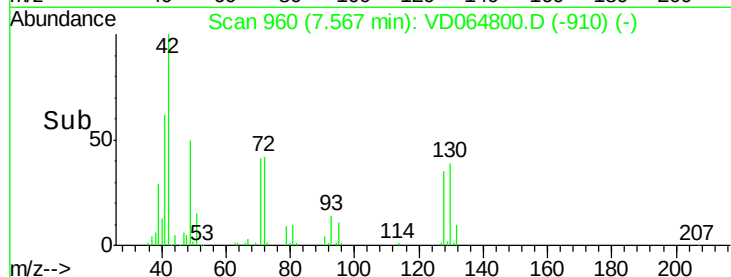
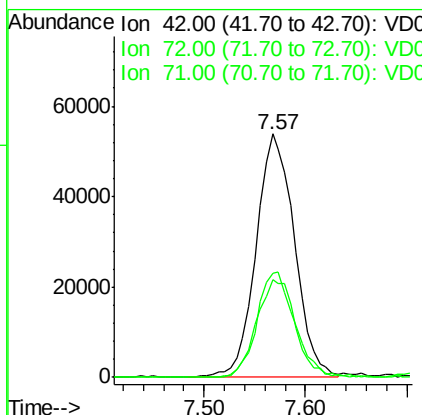
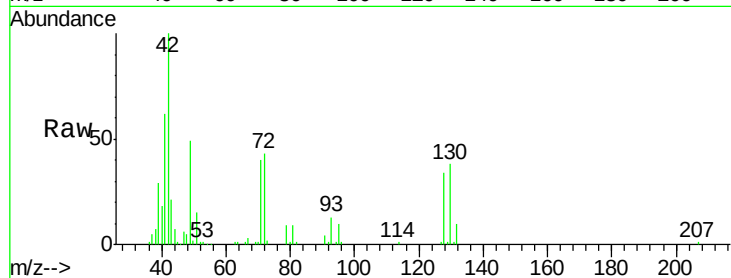
#29
Tetrahydrofuran
Concen: 288.318 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.0	52.4
71	40.8	32.9	49.3

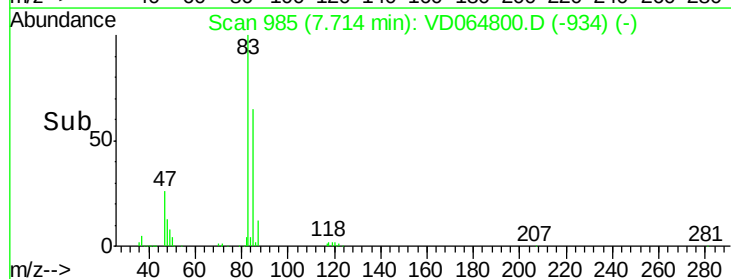
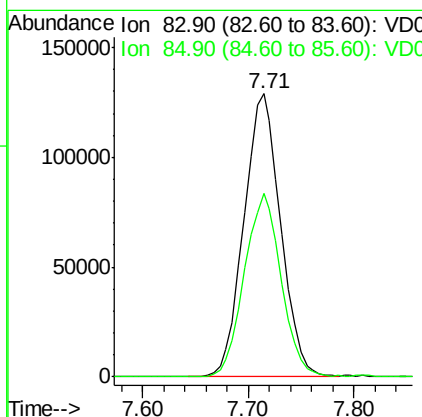
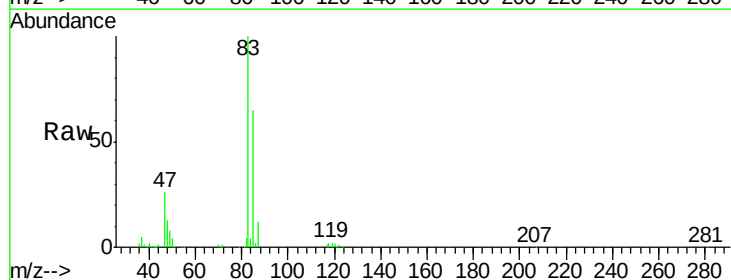
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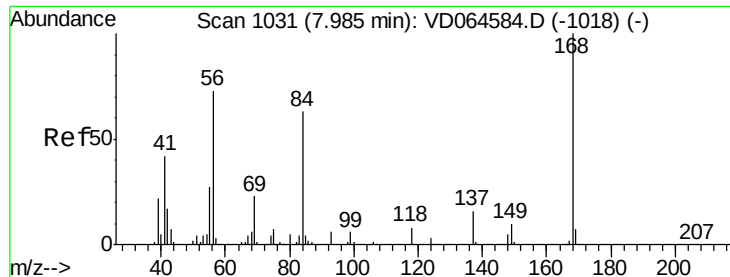
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#30
Chloroform
Concen: 55.380 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7





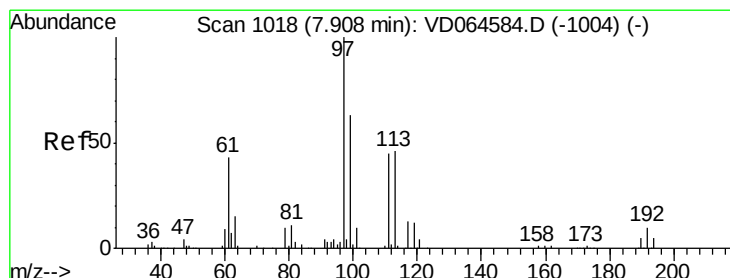
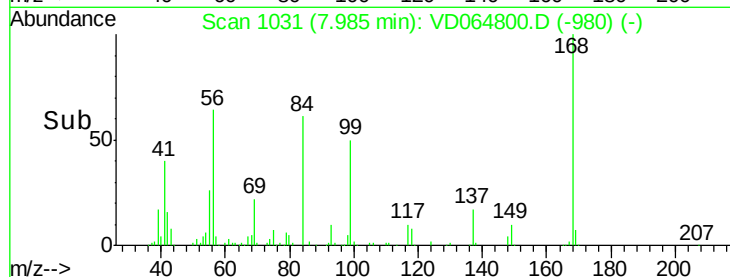
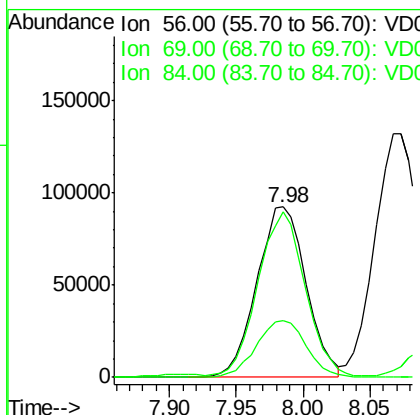
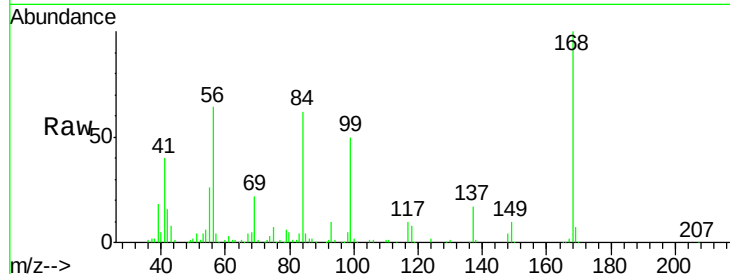
#31
Cyclohexane
Concen: 44.158 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.7	37.1
84	95.1	69.4	104.2

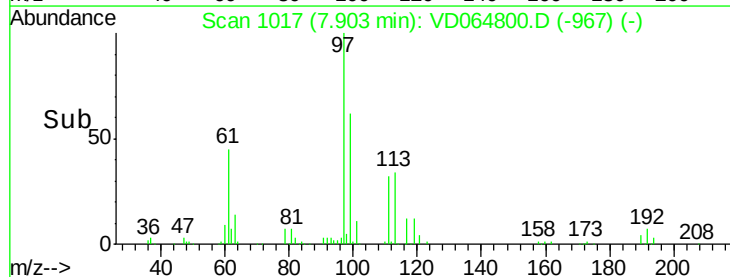
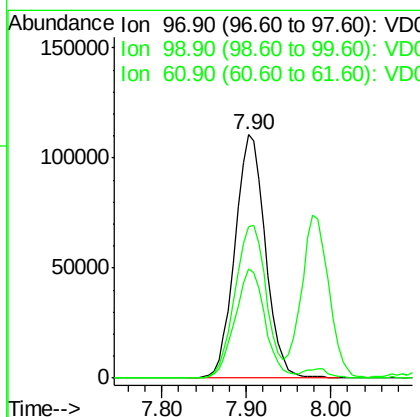
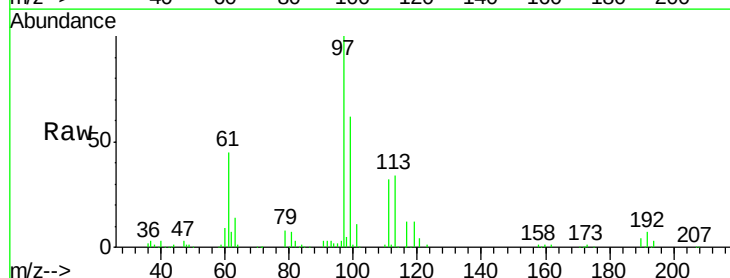
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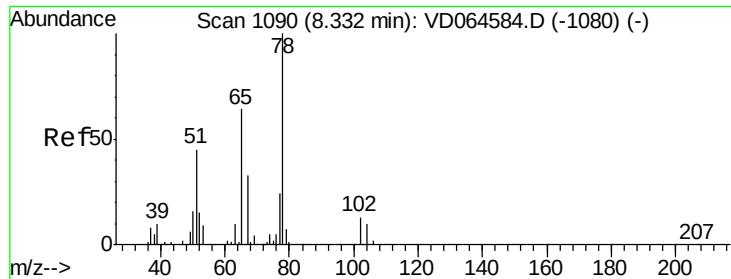
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#32
1,1,1-Trichloroethane
Concen: 52.122 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	44.1	35.4	53.0





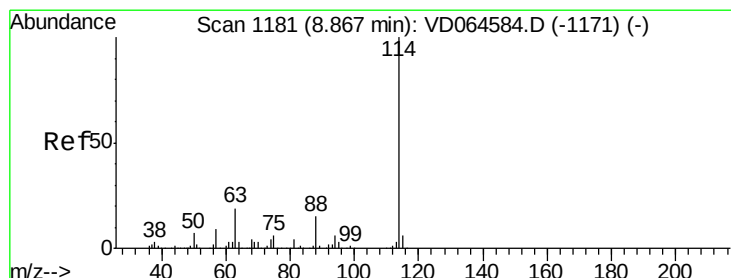
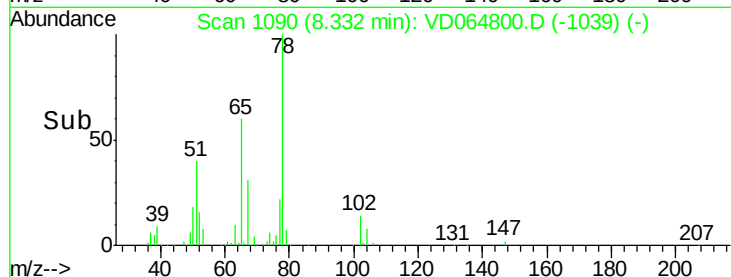
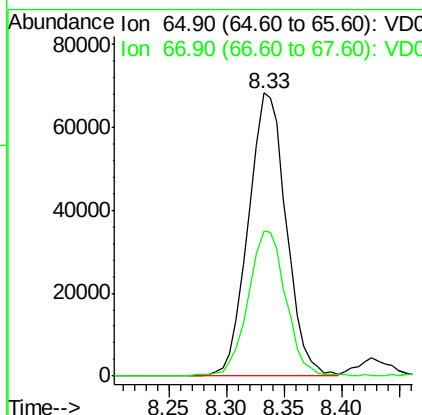
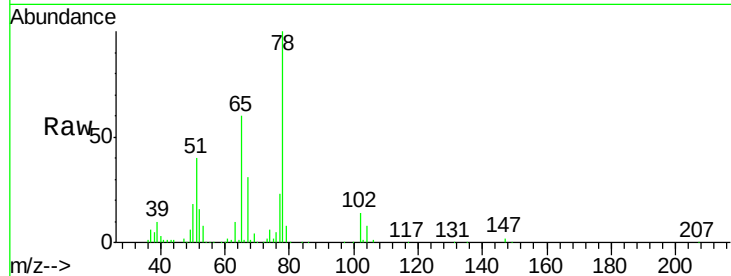
#33
 1,2-Dichloroethane-d4
 Concen: 54.344 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156415		
67	51.4	0.0	106.2	

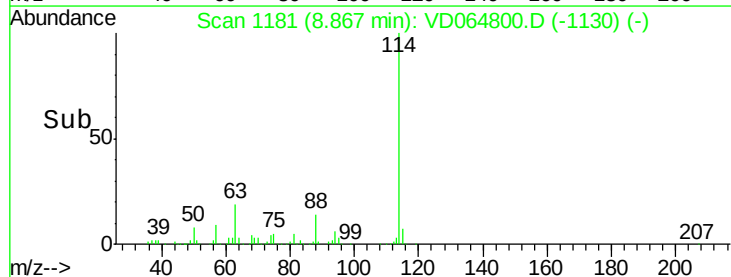
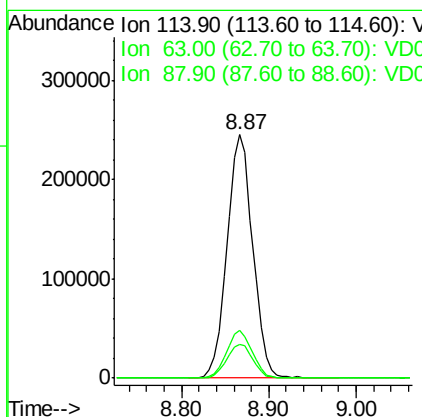
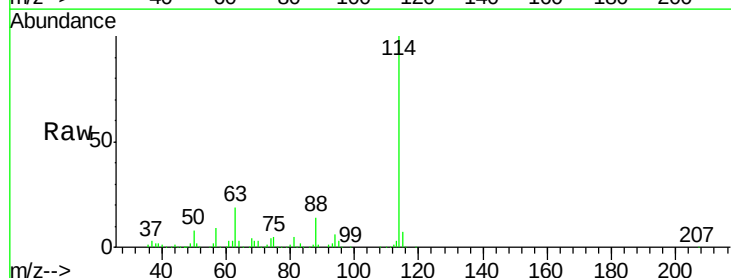
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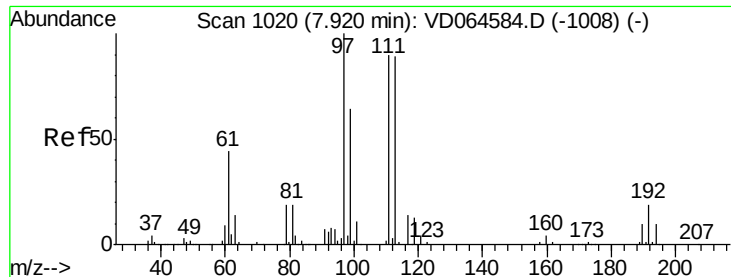
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	491177		
63	19.4	0.0	38.0	
88	14.0	0.0	29.2	





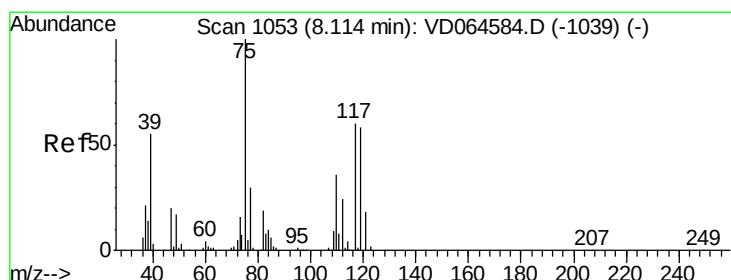
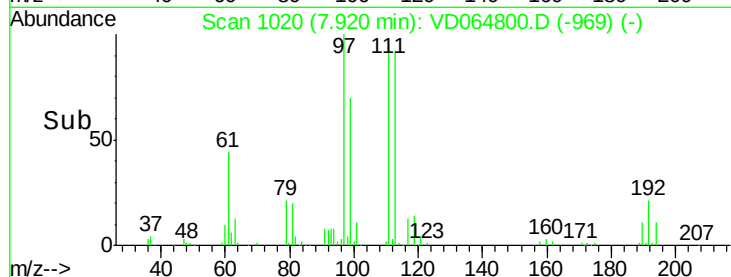
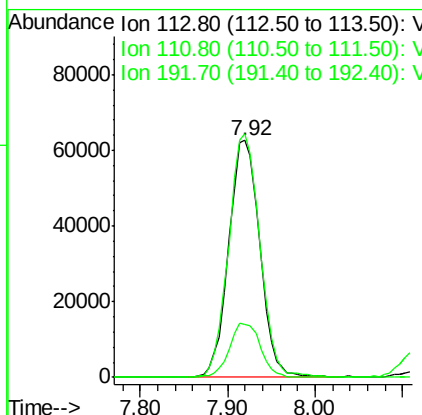
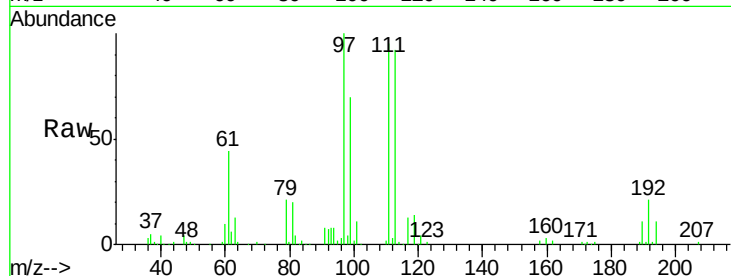
#35
Dibromofluoromethane
Concen: 50.193 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151255		
111	103.2	80.6	121.0	
192	22.7	17.9	26.9	

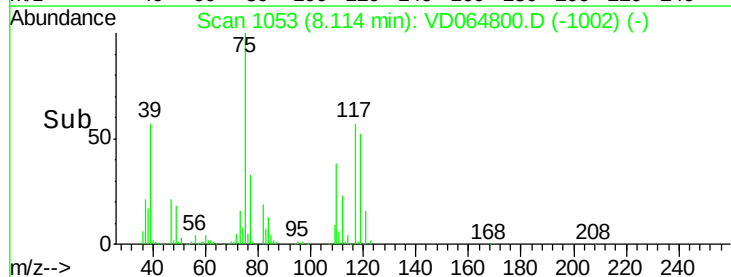
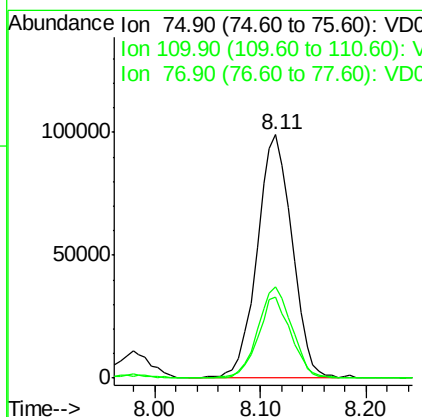
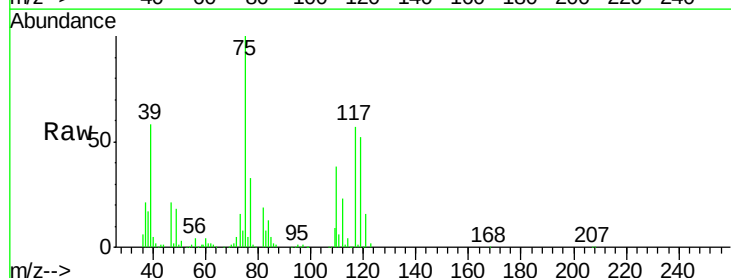
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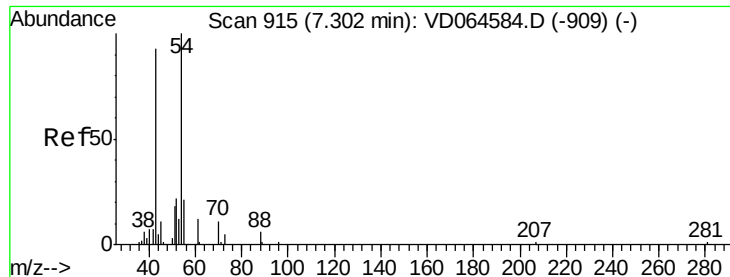
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#36
1,1-Dichloropropene
Concen: 48.143 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227599		
110	36.3	18.1	54.1	
77	31.8	24.2	36.4	





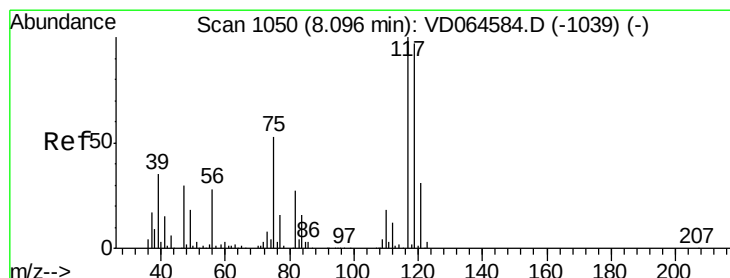
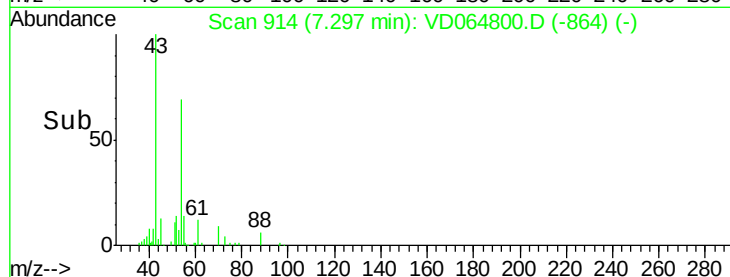
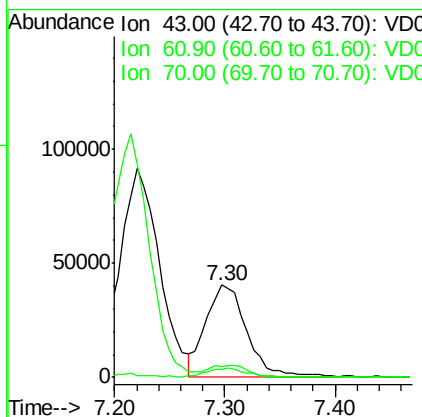
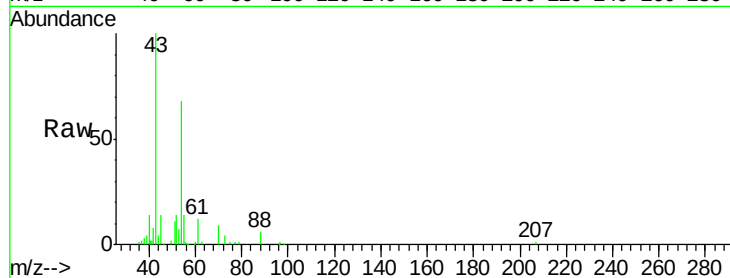
#37
Ethyl Acetate
Concen: 55.047 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.3	15.5
70	9.6	7.6	11.4

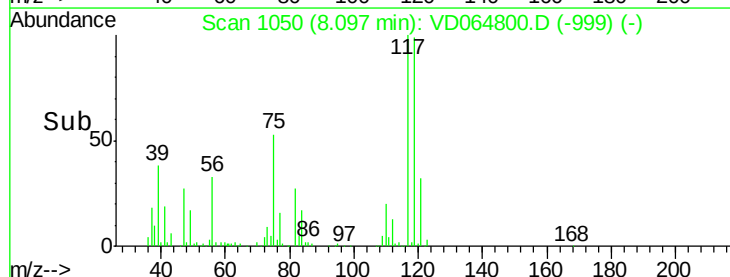
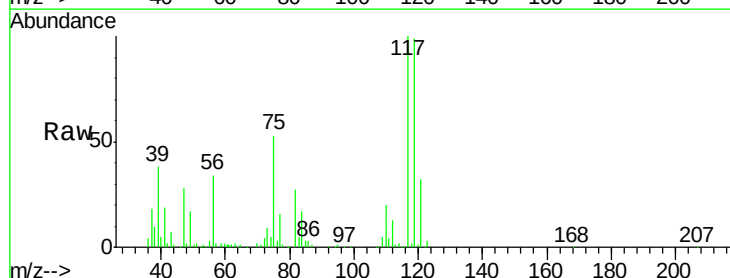
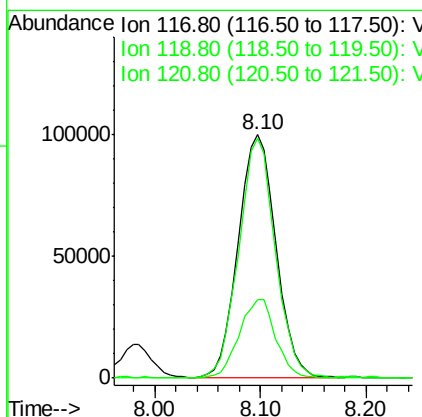
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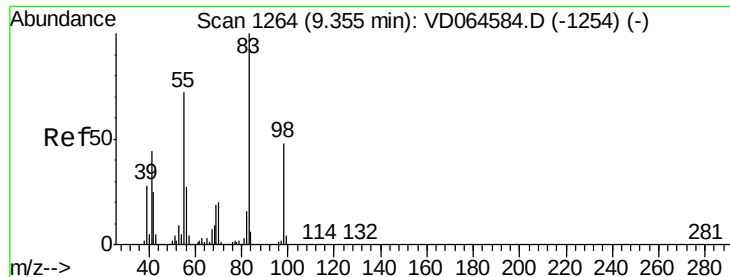
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#38
Carbon Tetrachloride
Concen: 48.993 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.3	115.9
121	32.4	25.0	37.6





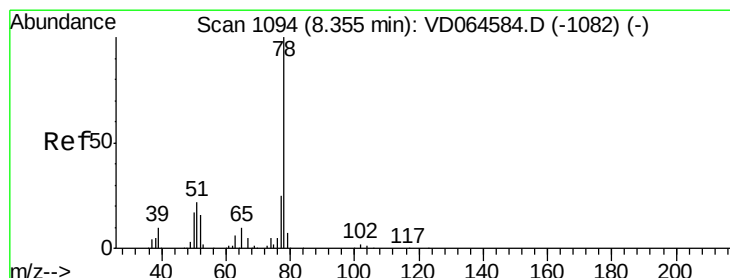
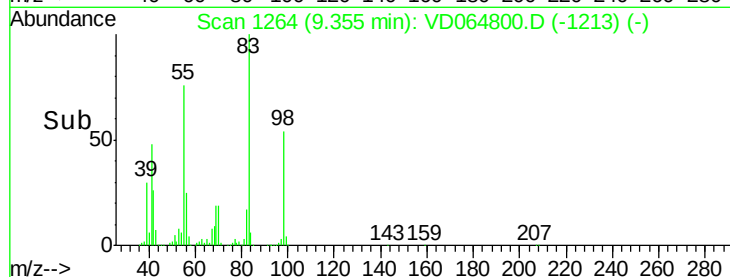
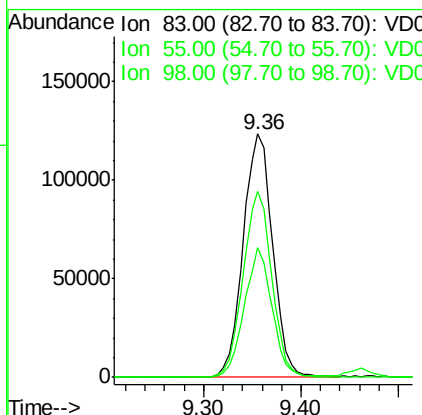
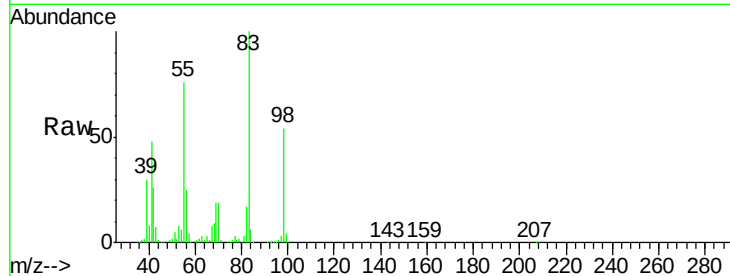
#39
Methylcyclohexane
Concen: 45.411 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	260018		
55	76.2		57.8	86.6
98	53.5		38.7	58.1

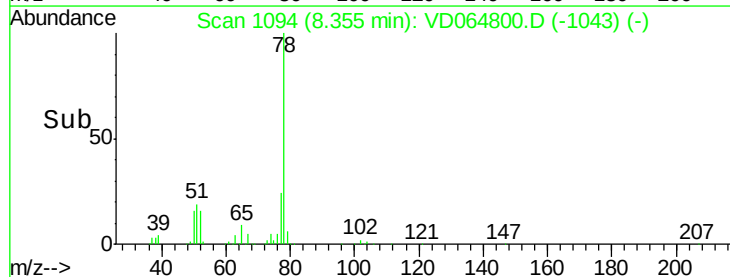
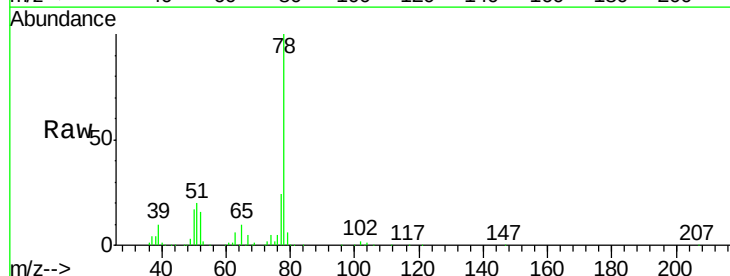
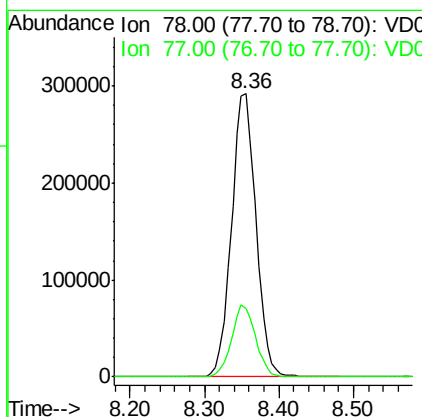
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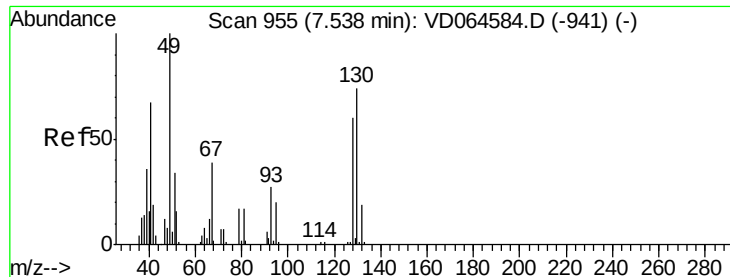
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#40
Benzene
Concen: 51.553 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	665335		
77	23.9		19.9	29.9





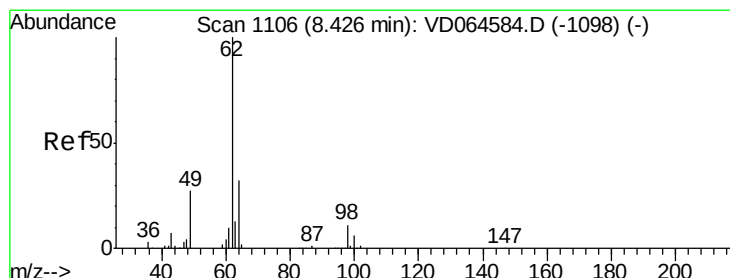
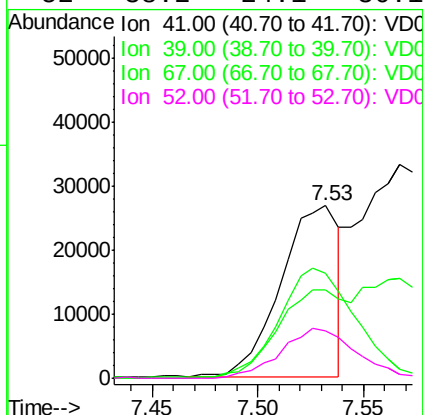
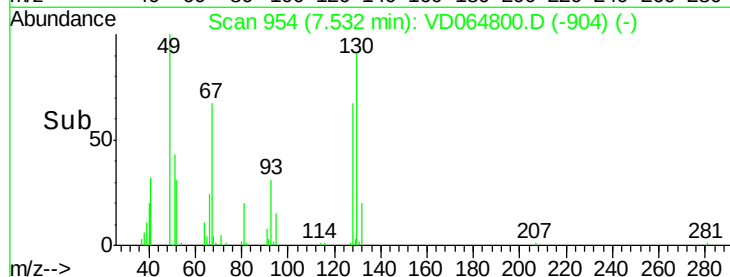
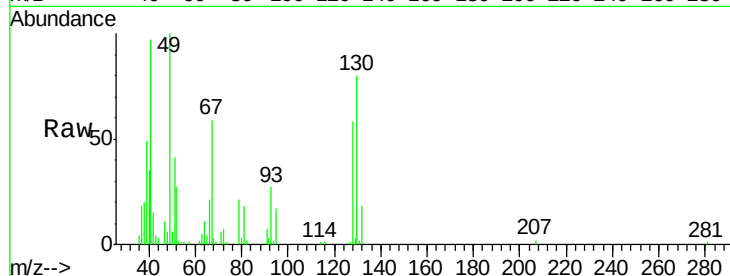
#41
Methacrylonitrile
Concen: 47.607 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.4	46.7	70.1
67	85.2	52.5	78.7#
52	38.2	24.1	36.1#

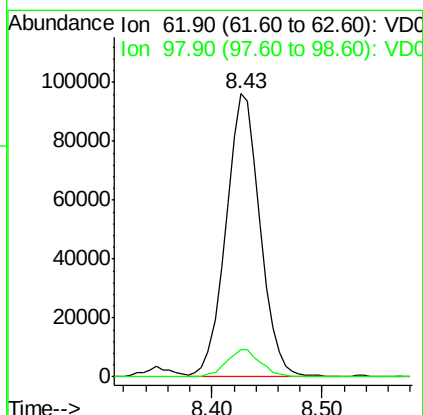
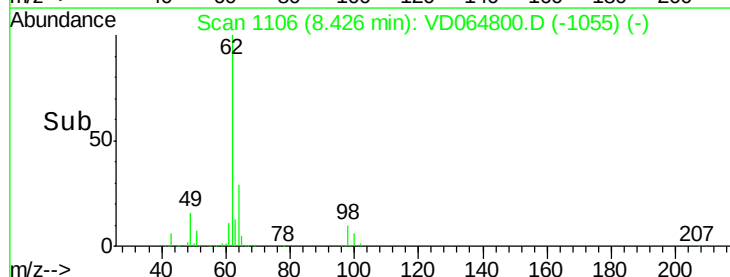
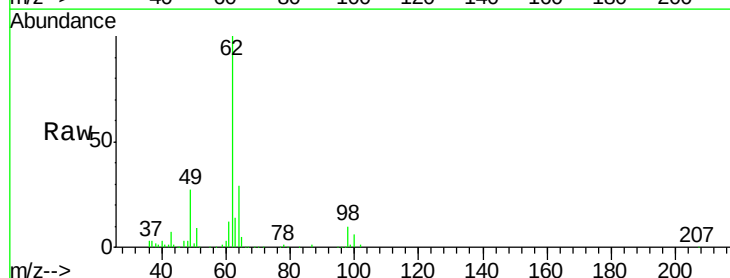
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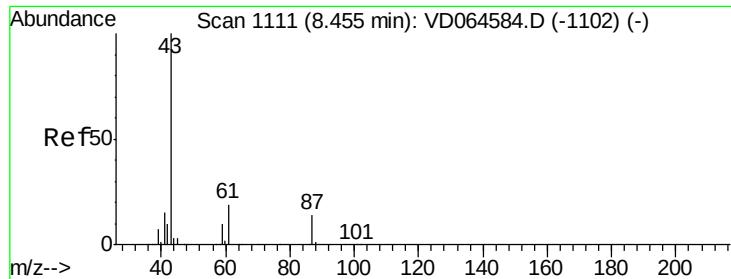
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#42
1,2-Dichloroethane
Concen: 55.617 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





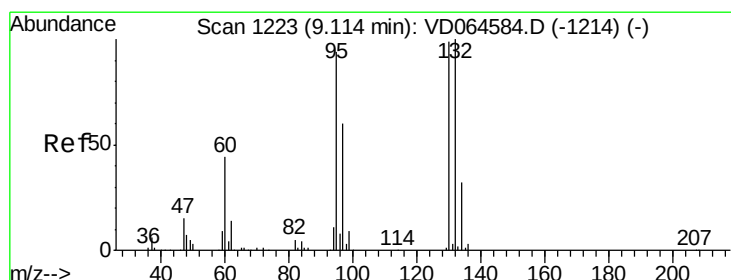
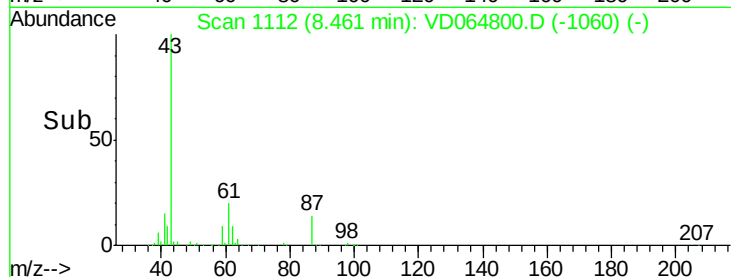
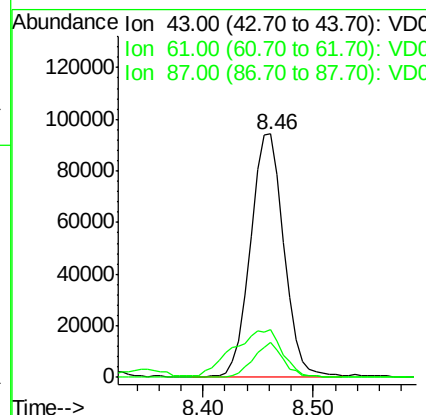
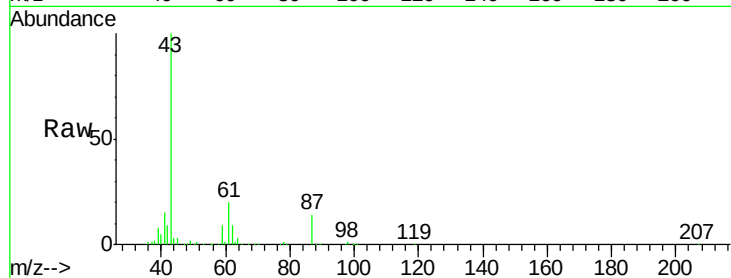
#43
Isopropyl Acetate
Concen: 54.593 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.7	35.5
87	12.7	10.5	15.7

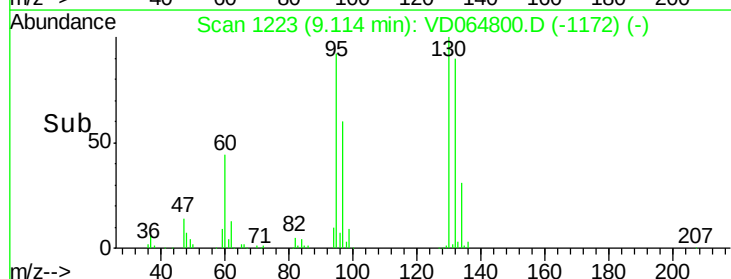
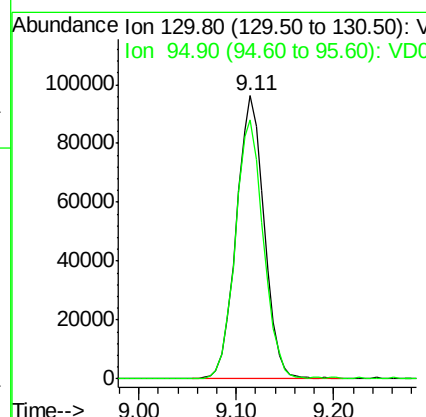
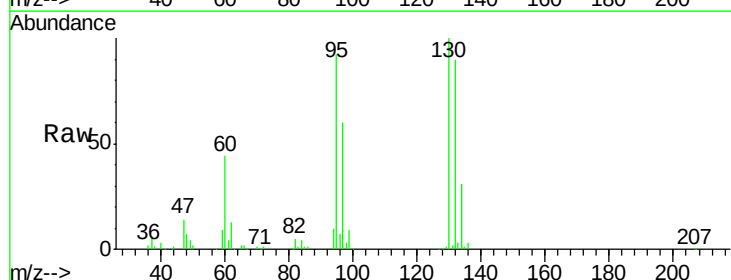
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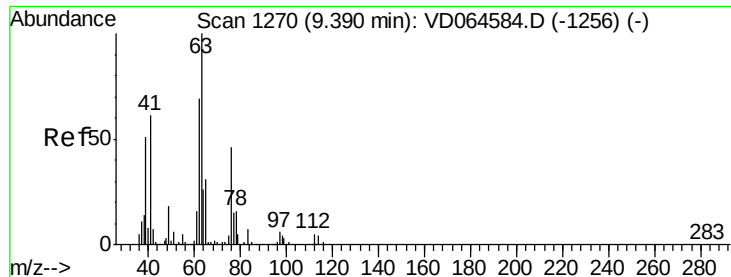
apatel
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#44
Trichloroethene
Concen: 50.201 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	190.2





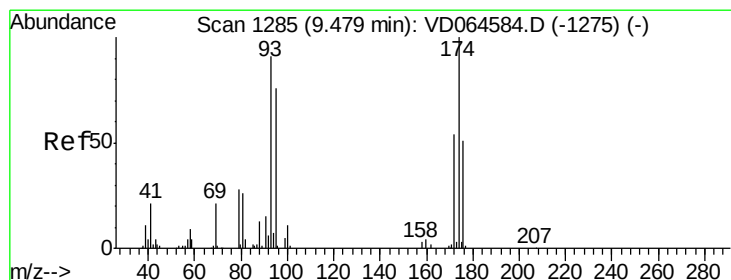
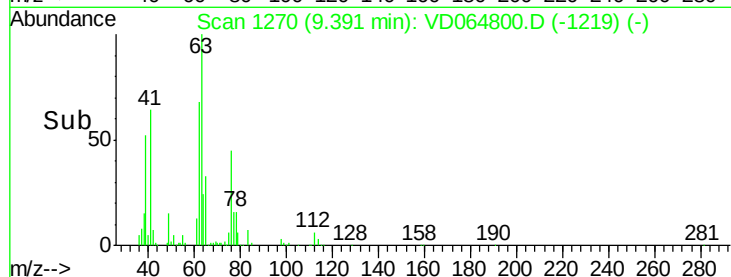
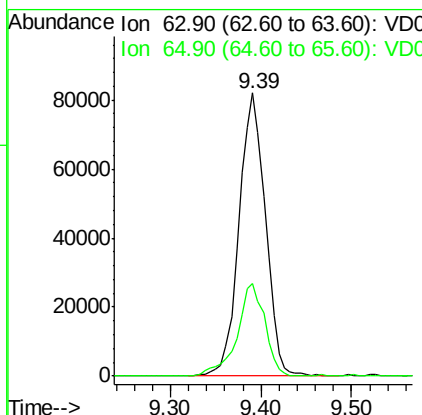
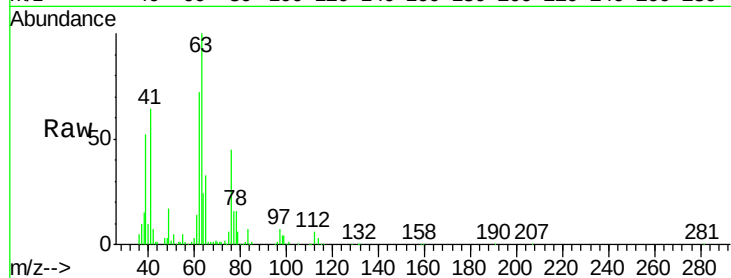
#45
1,2-Dichloropropane
Concen: 54.031 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.2	37.8

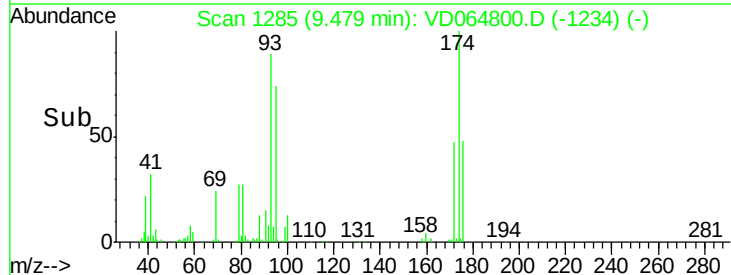
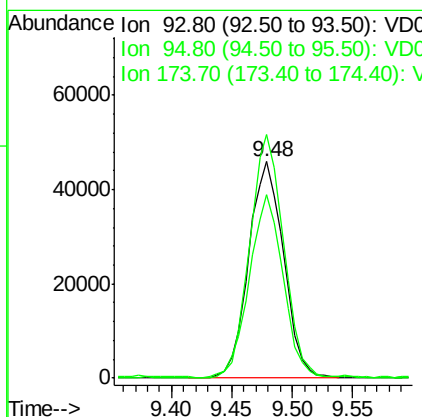
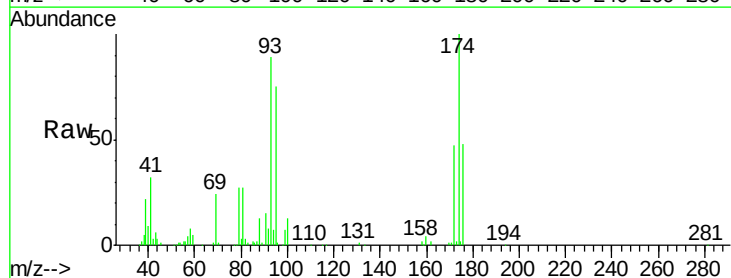
Manual Integrations
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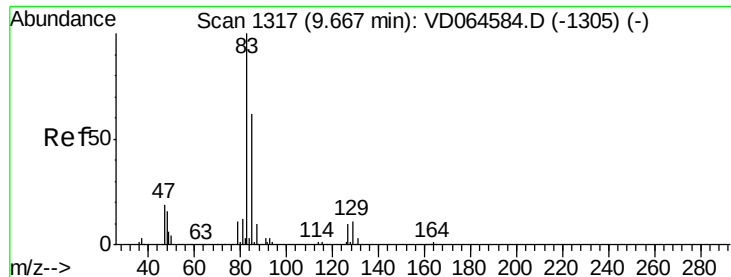
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#46
Dibromomethane
Concen: 54.075 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	64.6	97.0
174	109.3	88.1	132.1





#47

Bromodichloromethane

Concen: 54.793 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

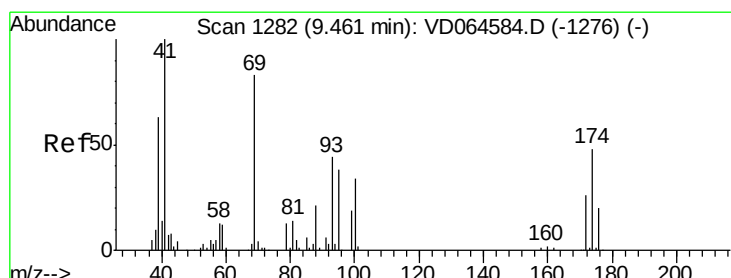
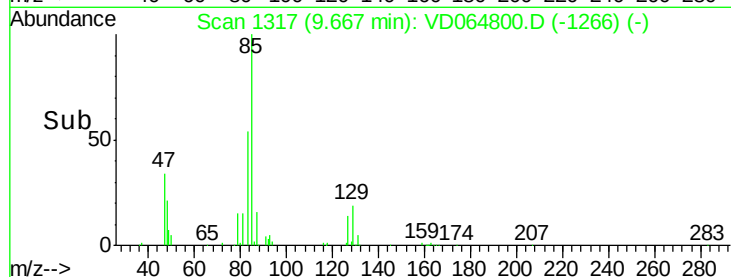
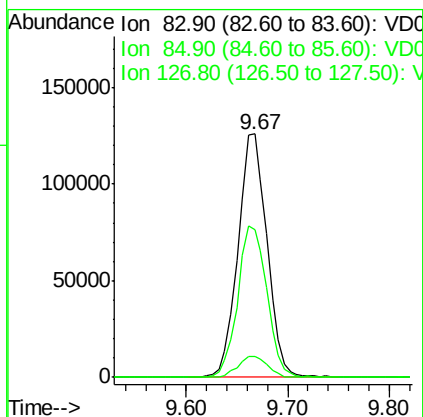
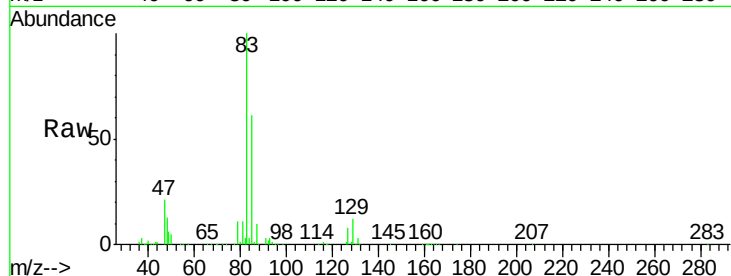
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	250487
Ion	Ratio	Lower	Upper
83	100		
85	60.8	49.5	74.3
127	8.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 54.585 ug/l

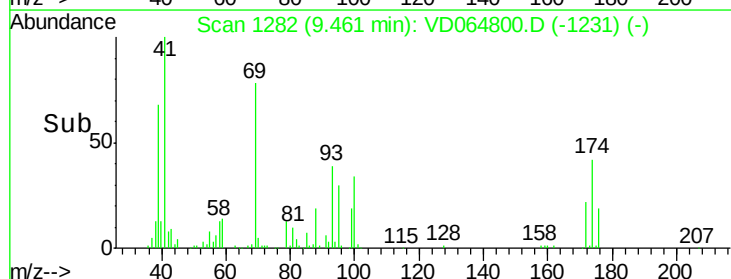
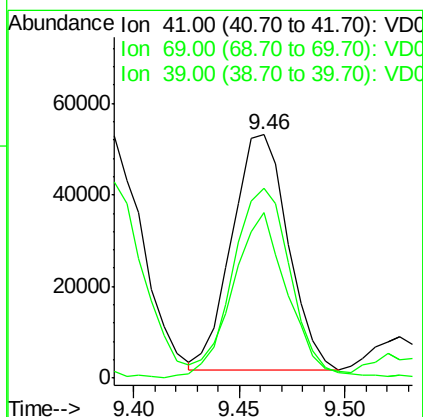
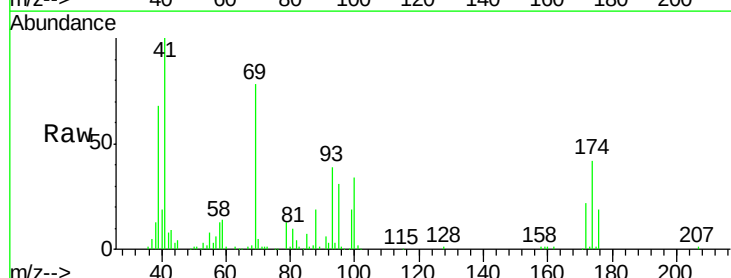
RT: 9.46 min Scan# 1282

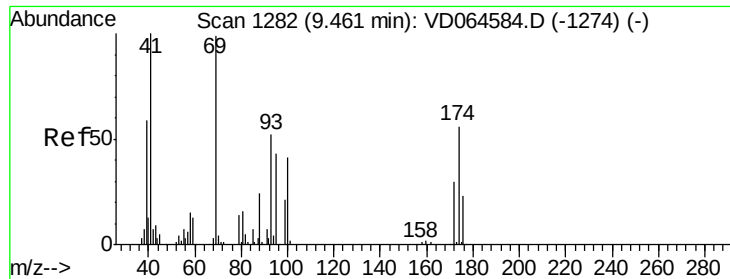
Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	41	Resp:	95011
Ion	Ratio	Lower	Upper
41	100		
69	82.4	63.0	94.6
39	62.9	47.4	71.2





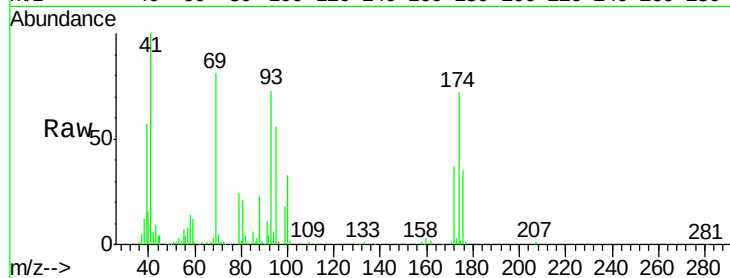
#49
1,4-Dioxane
Concen: 1091.439 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.7	41.5
58	68.2	53.8	80.6

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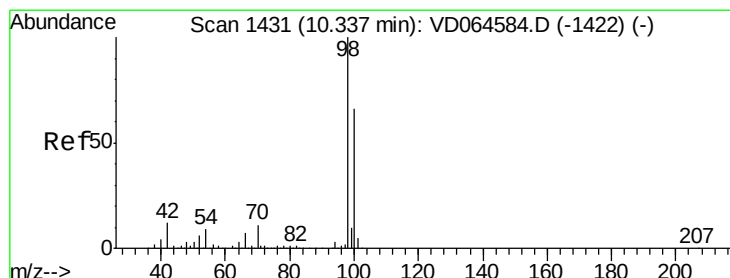
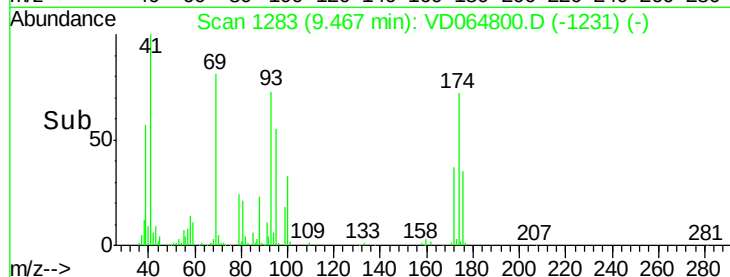
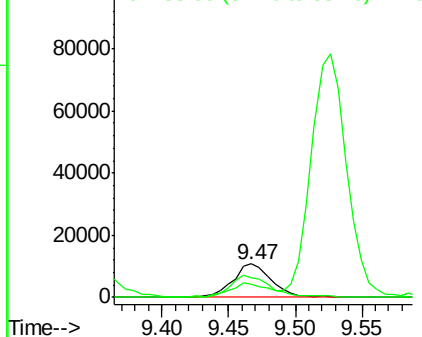


Abundance

Ion 88.00 (87.70 to 88.70): VDC

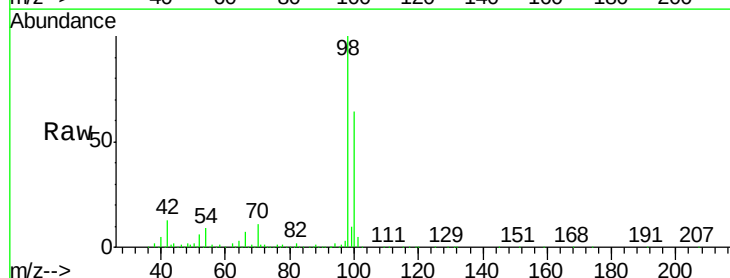
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

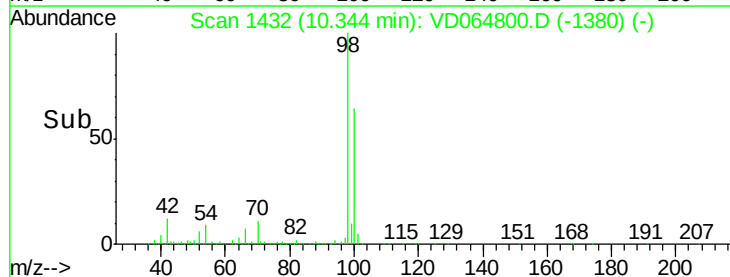
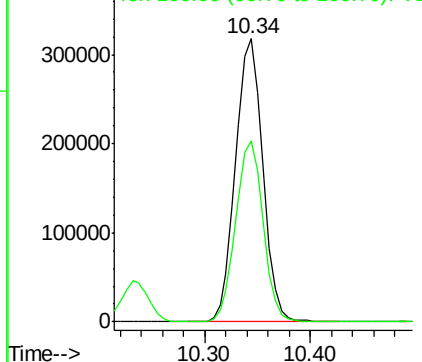
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

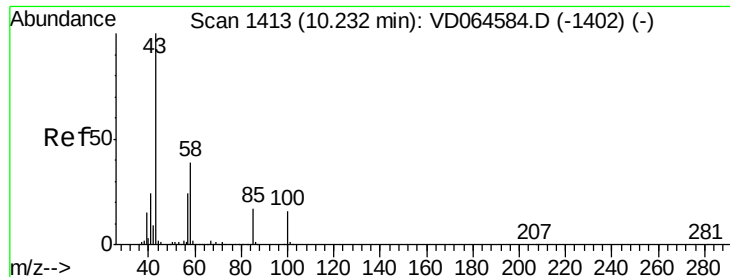


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





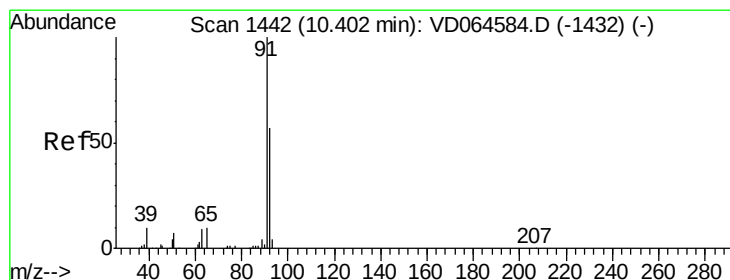
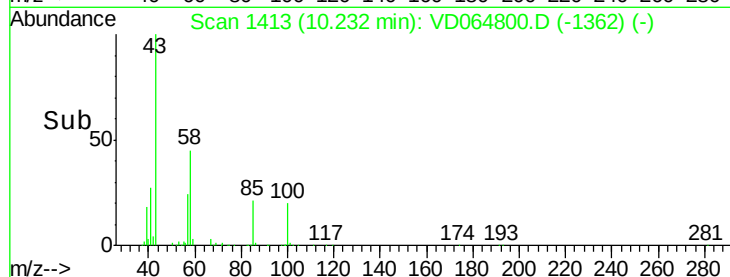
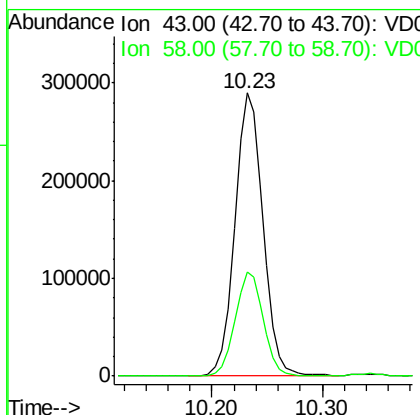
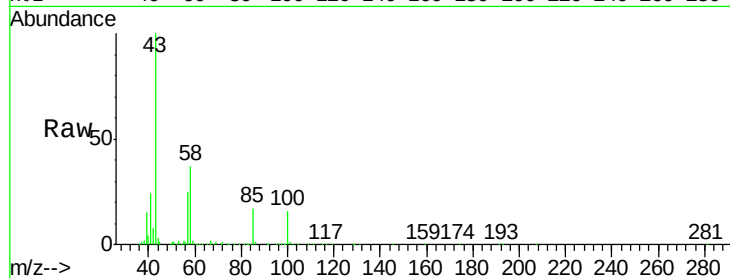
#51
 4-Methyl-2-Pentanone
 Concen: 282.483 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 516147
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.2 45.2

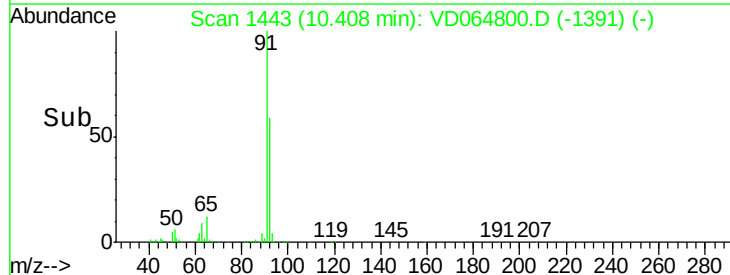
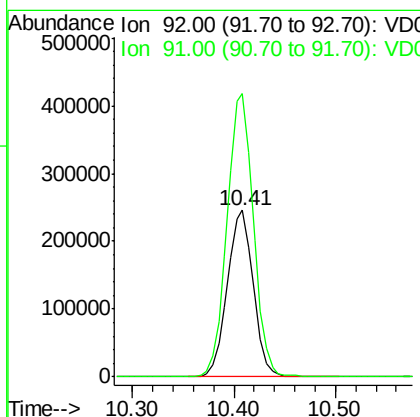
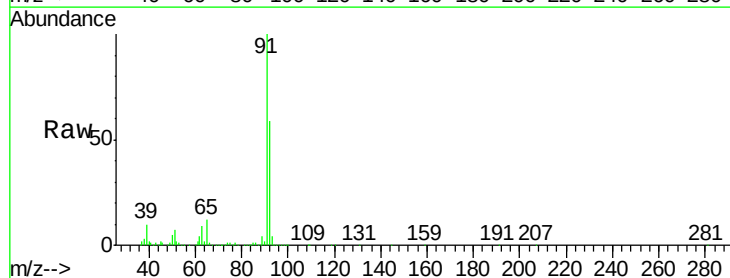
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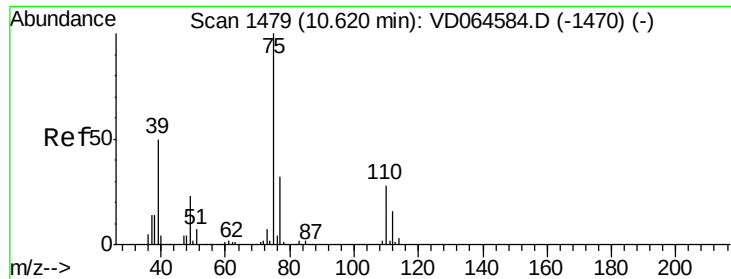
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#52
 Toluene
 Concen: 51.483 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion: 92 Resp: 435916
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.7 208.1





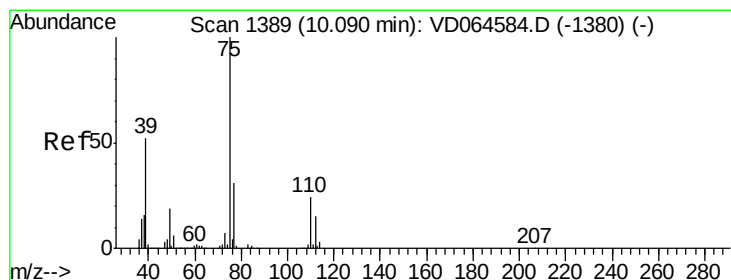
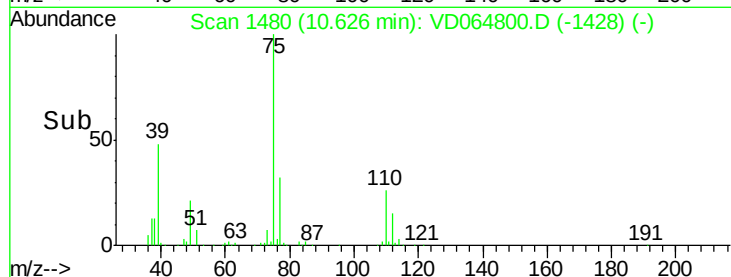
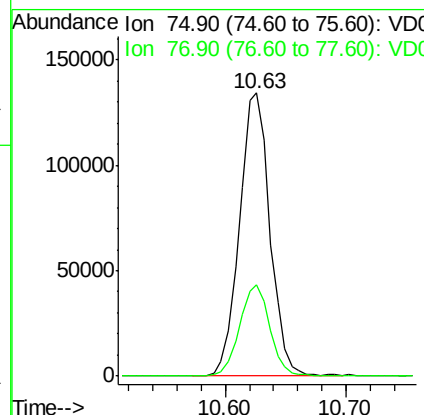
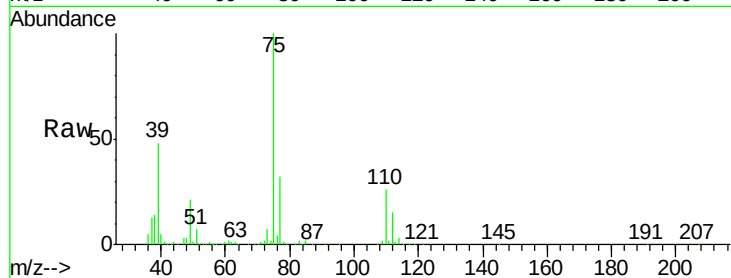
#53
 t-1,3-Dichloropropene
 Concen: 55.413 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 236179
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2

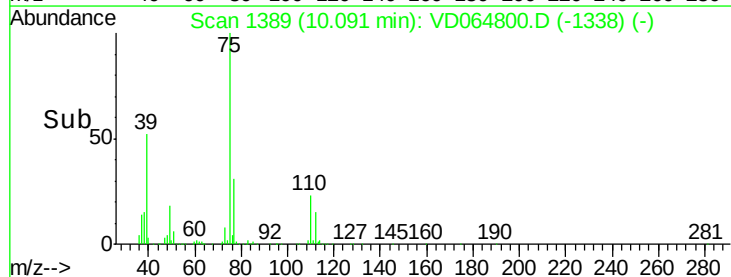
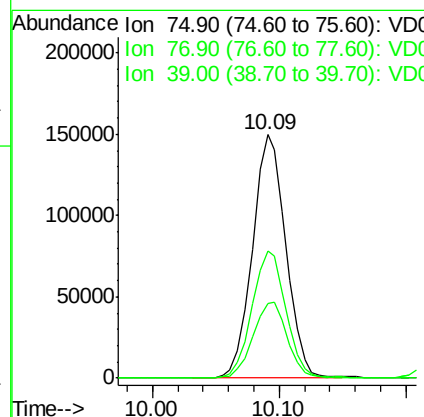
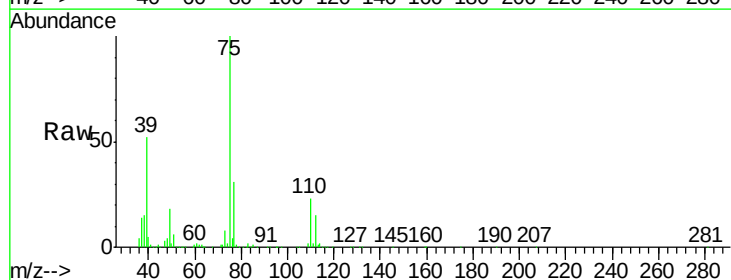
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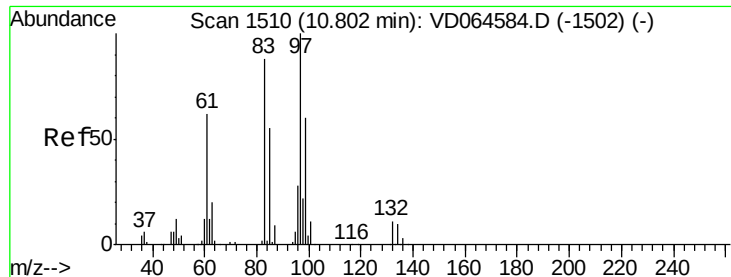
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#54
 cis-1,3-Dichloropropene
 Concen: 54.462 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion: 75 Resp: 273704
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 52.4 41.4 62.2





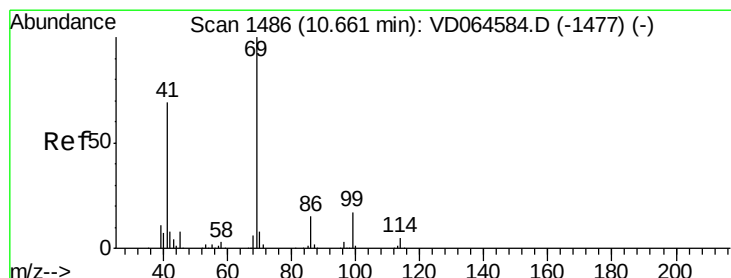
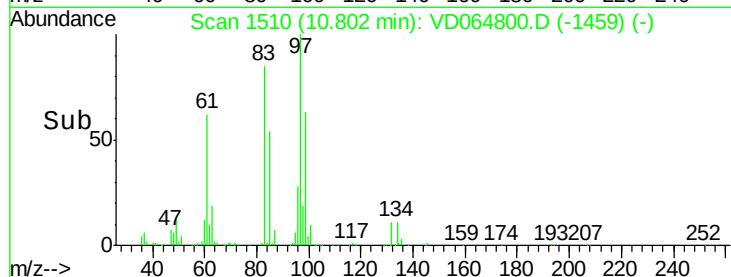
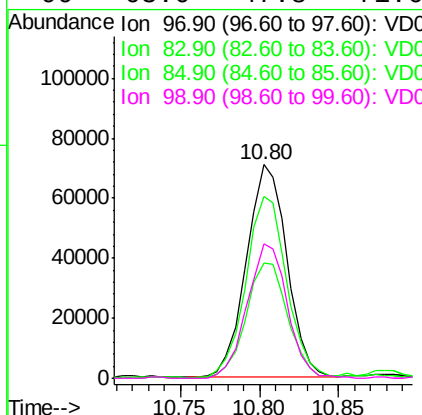
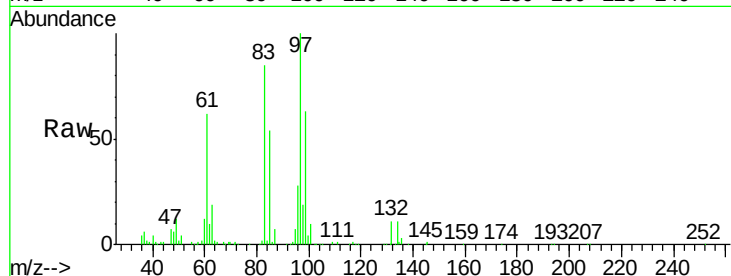
#55
 1,1,2-Trichloroethane
 Concen: 54.391 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	125931		
83	85.1	70.2	105.4	
85	54.2	44.0	66.0	
99	63.0	47.8	71.6	

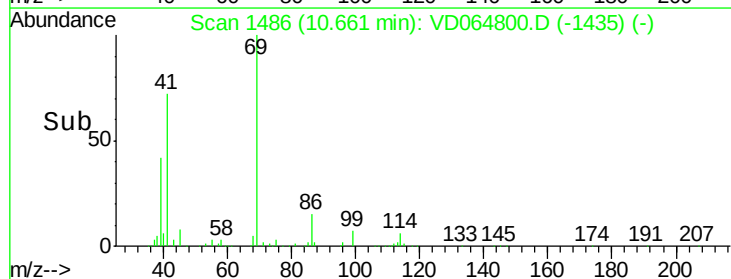
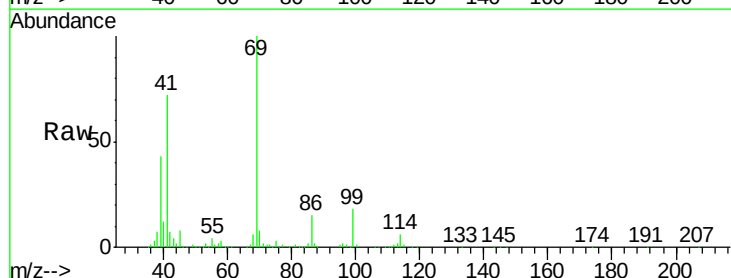
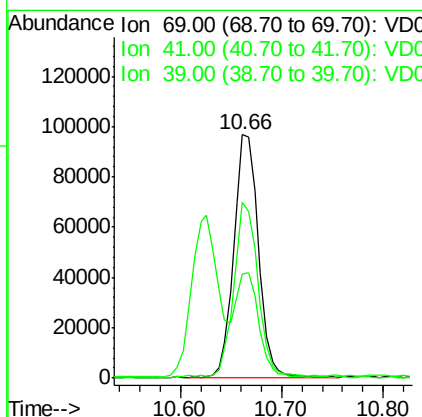
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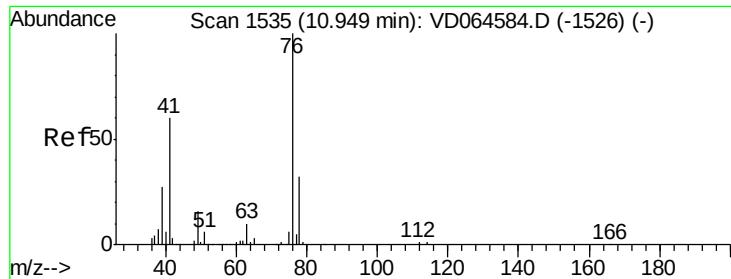
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#56
 Ethyl methacrylate
 Concen: 57.188 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	165359		
41	68.1	55.3	82.9	
39	38.7	33.8	50.8	





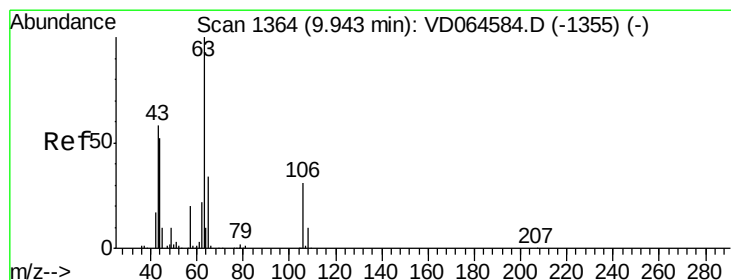
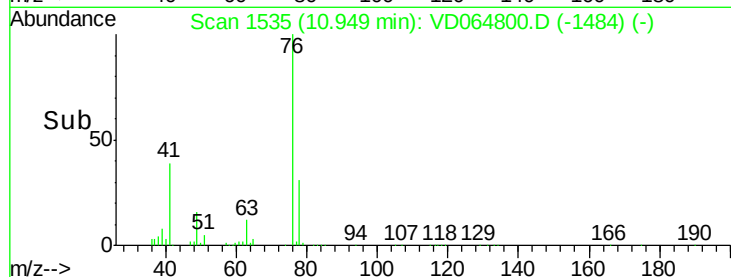
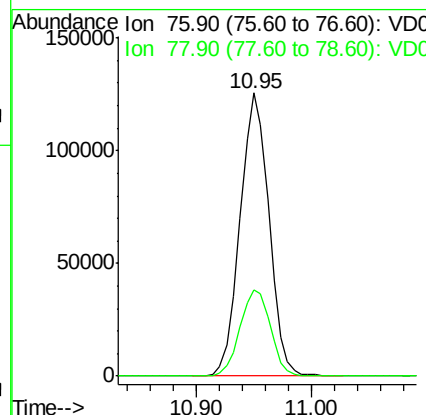
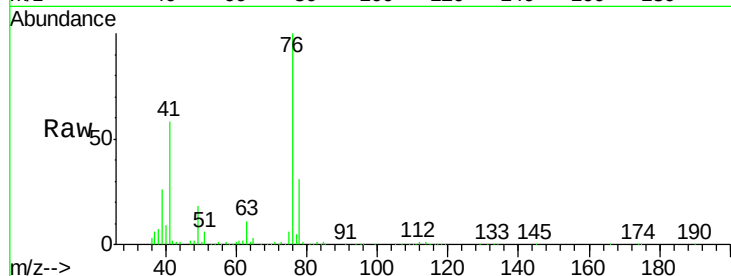
#57
 1,3-Dichloropropane
 Concen: 54.653 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 217871
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4

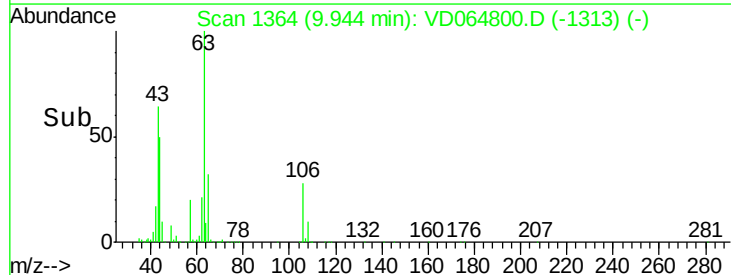
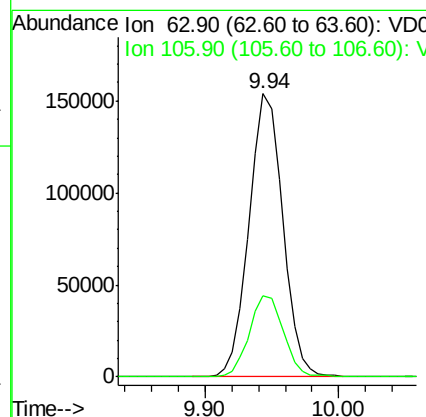
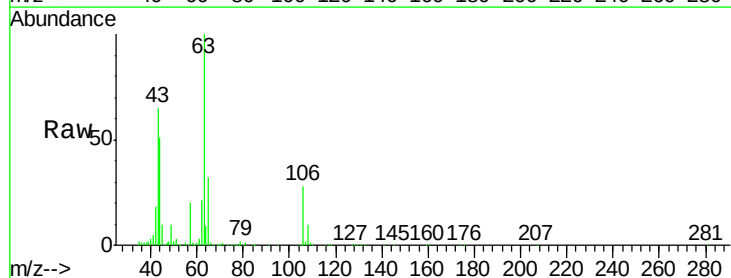
Manual Integrations
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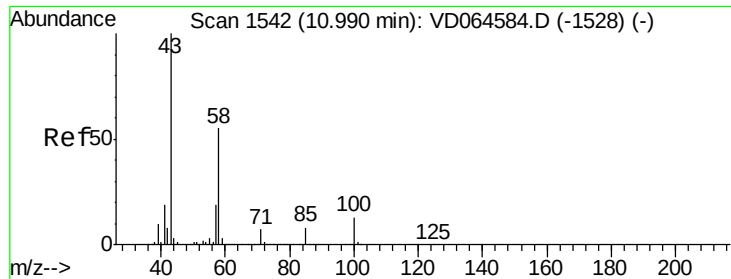
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.697 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion: 63 Resp: 269567
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.8





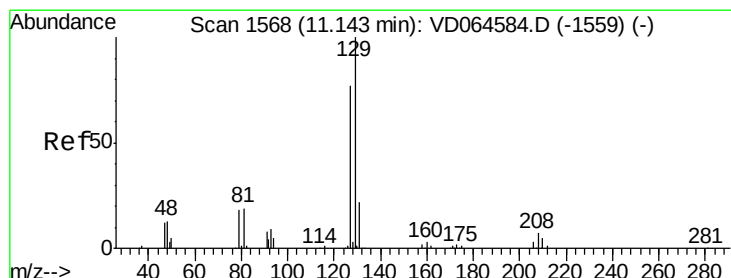
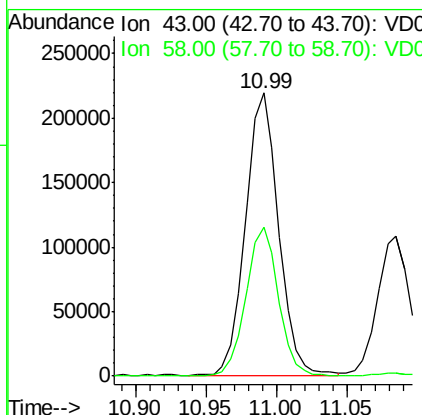
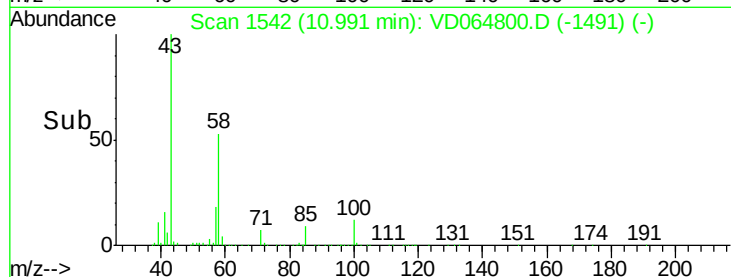
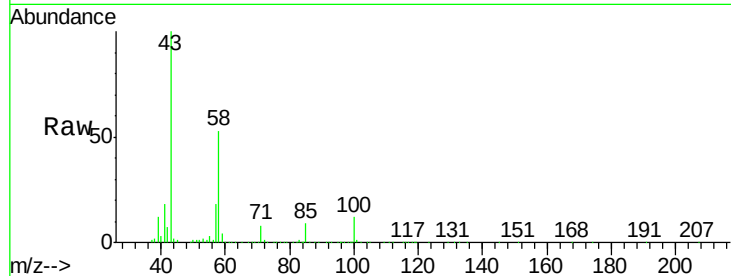
#59
2-Hexanone
Concen: 289.329 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 358810
Ion Ratio Lower Upper
43 100
58 52.1 26.4 79.0

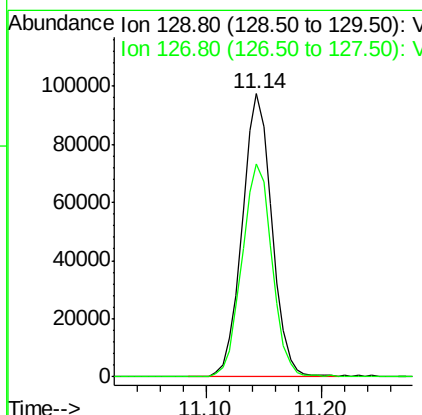
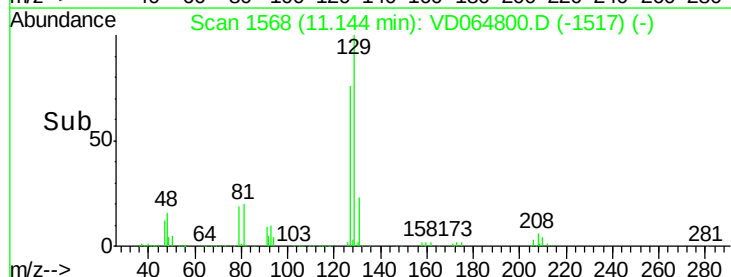
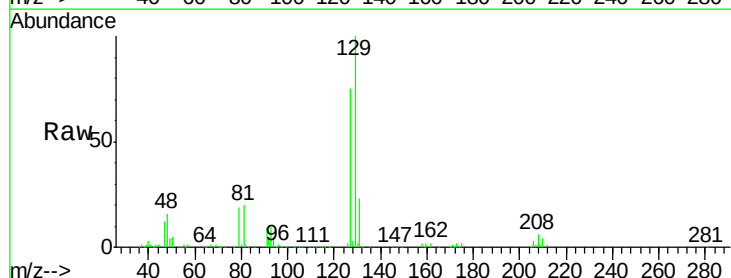
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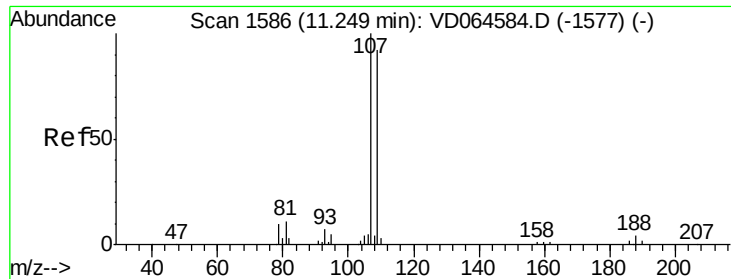
apatel
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#60
Dibromochloromethane
Concen: 54.205 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion: 129 Resp: 173549
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





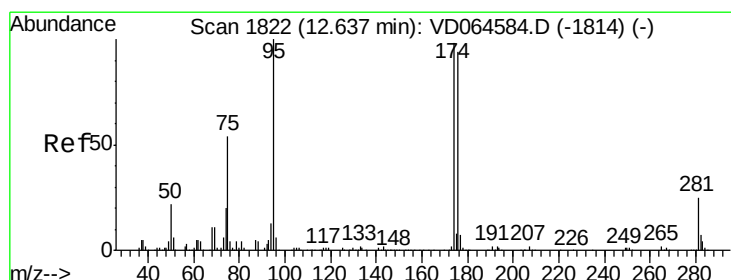
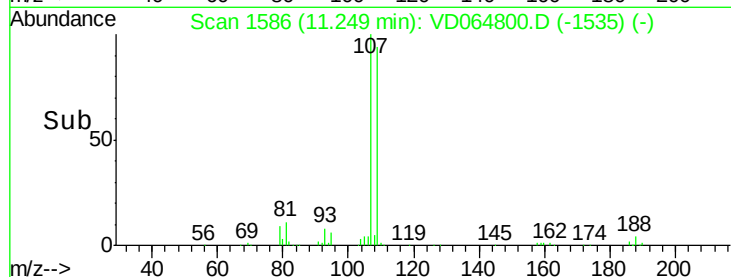
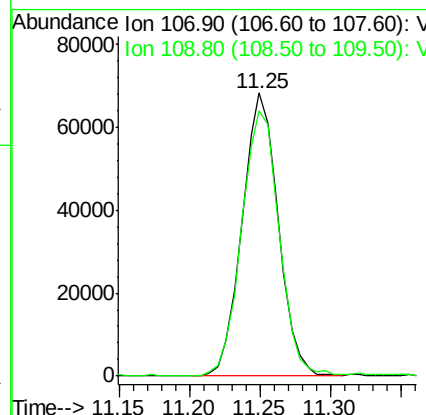
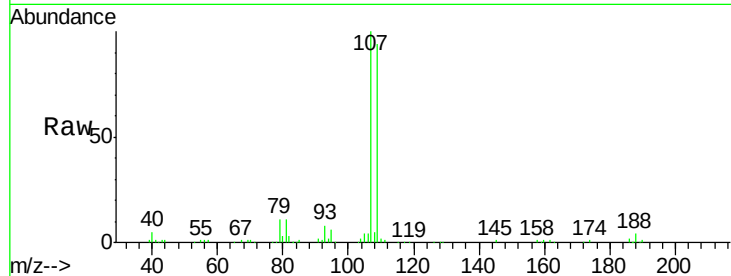
#61
 1,2-Dibromoethane
 Concen: 53.523 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122226		
109	96.8	75.6	113.4	

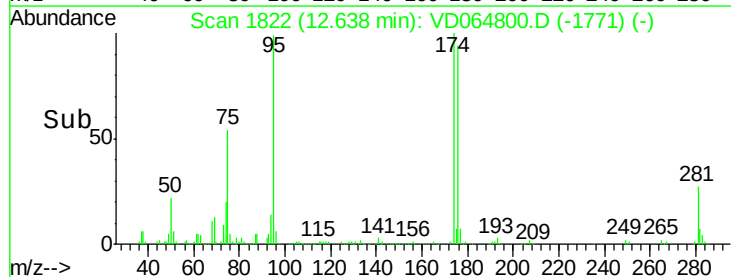
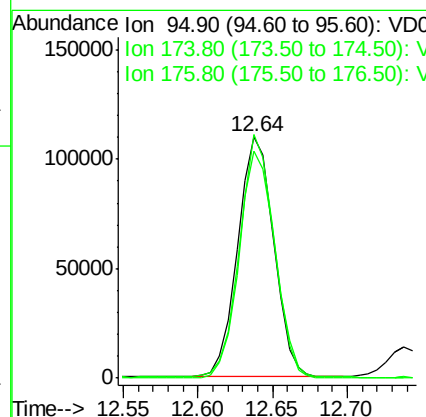
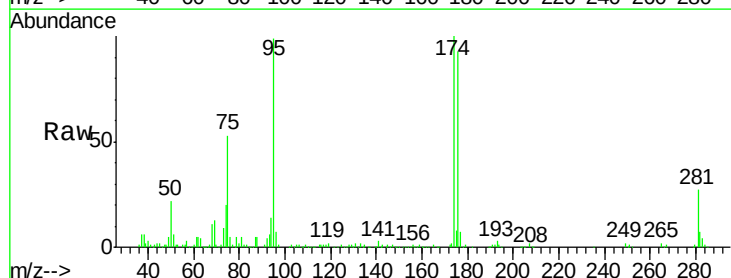
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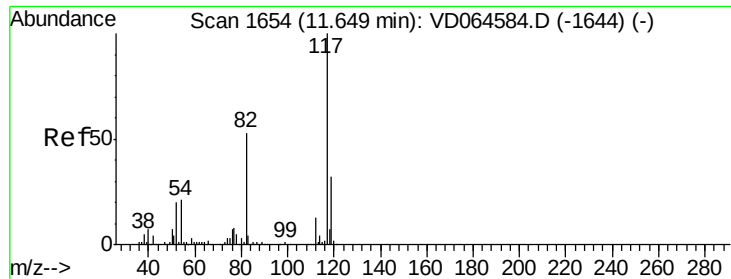
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.375 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	183840		
174	98.4	0.0	193.2	
176	93.9	0.0	184.2	





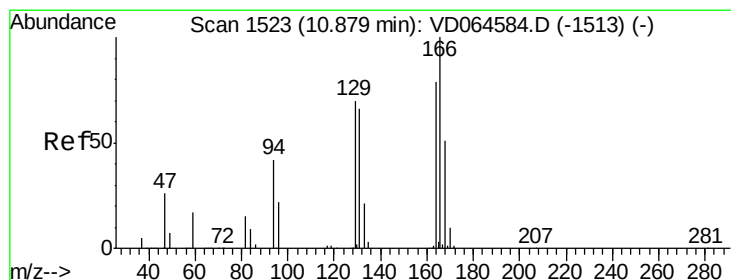
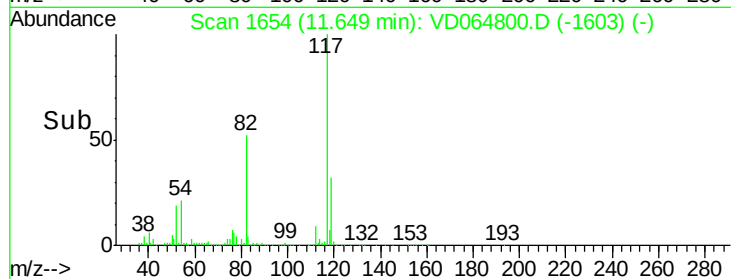
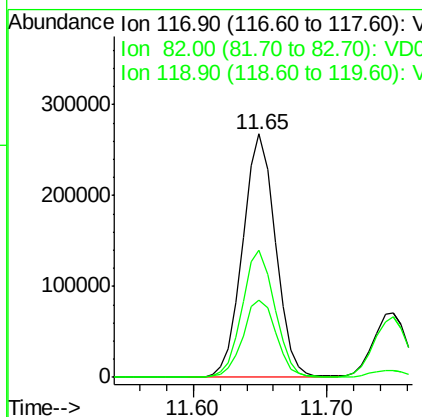
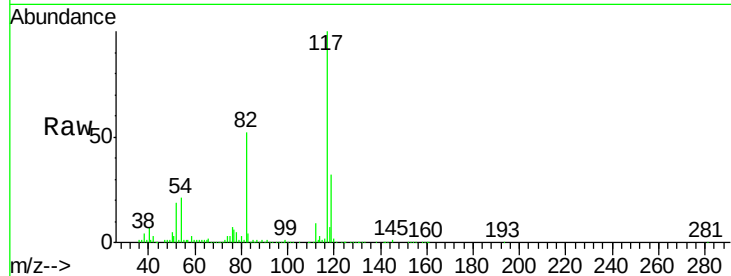
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	31.8	26.0	39.0

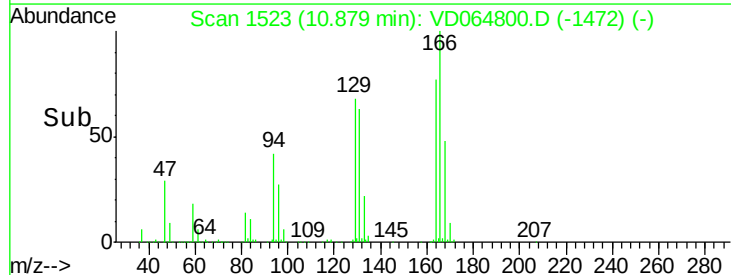
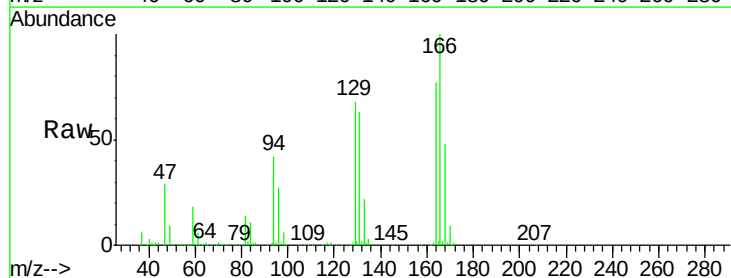
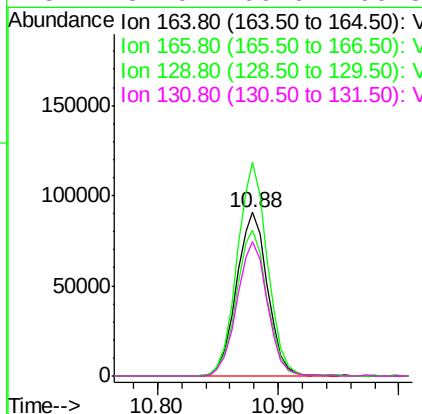
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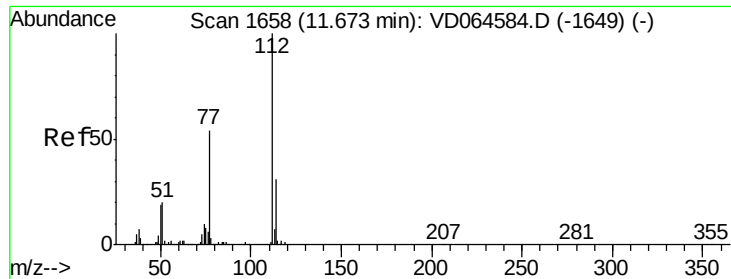
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#64
Tetrachloroethene
Concen: 46.680 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.3	151.9
129	89.0	70.5	105.7
131	82.0	66.6	99.8





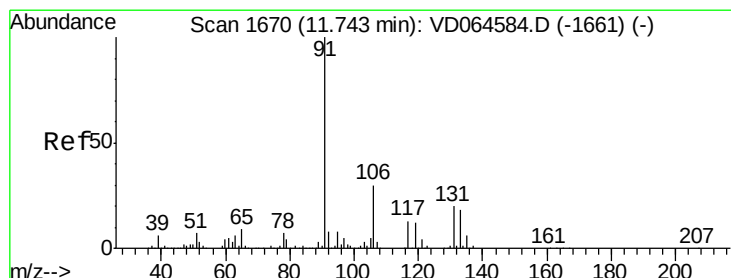
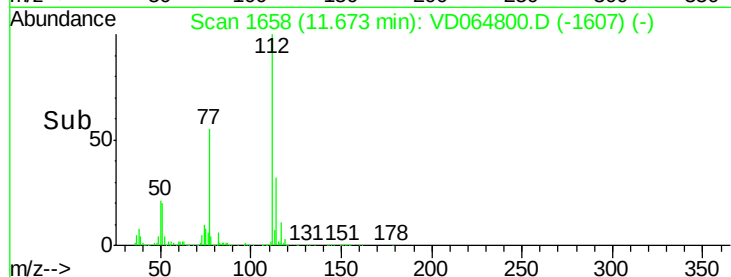
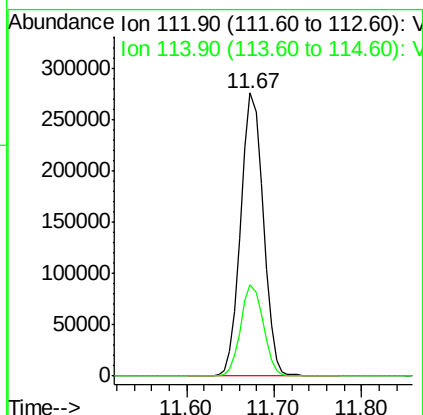
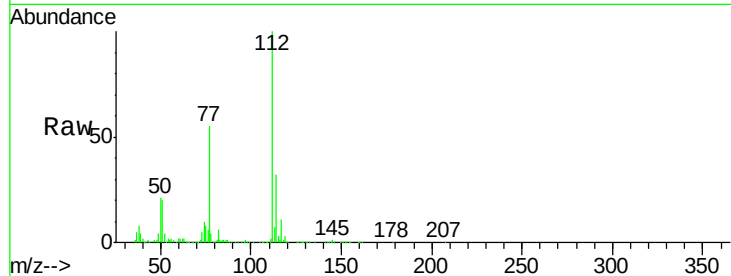
#65
Chlorobenzene
Concen: 50.780 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 478296
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

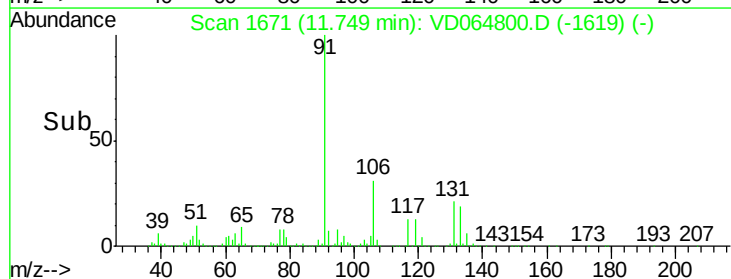
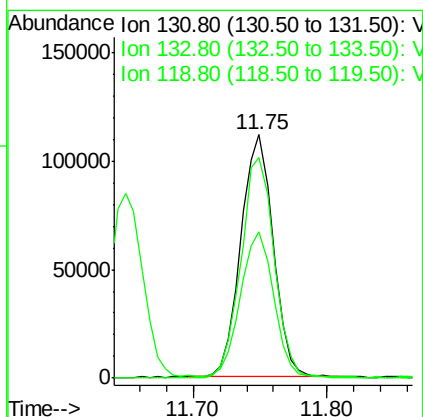
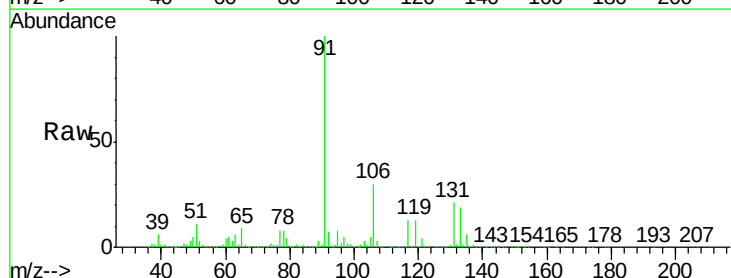
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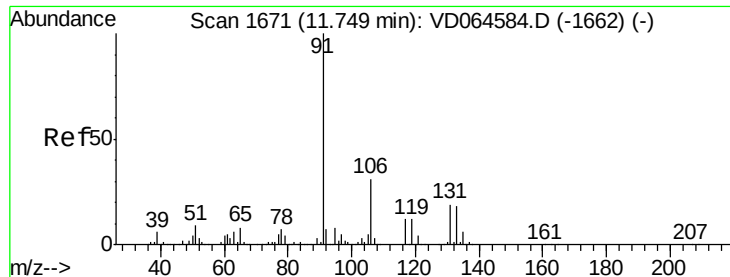
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.662 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion:131 Resp: 186993
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.8
119 62.1 32.1 96.3





#67

Ethyl Benzene

Concen: 49.615 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 848233

Ion Ratio Lower Upper

91 100

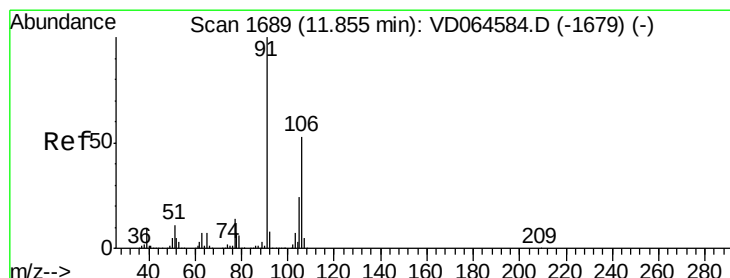
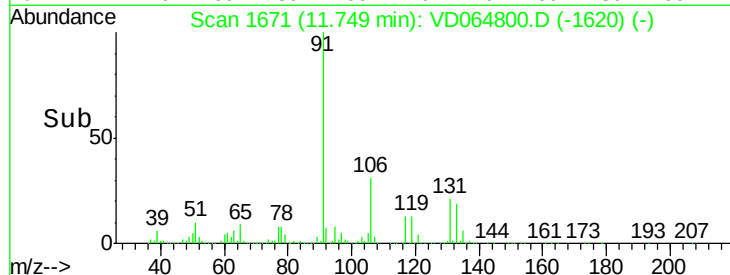
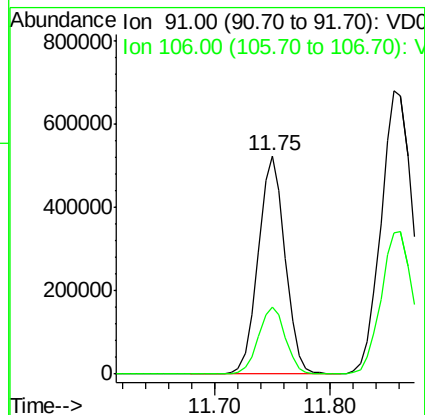
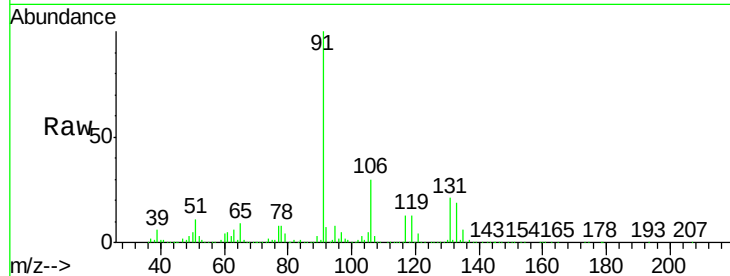
106 30.5 24.6 36.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.867 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD064800.D

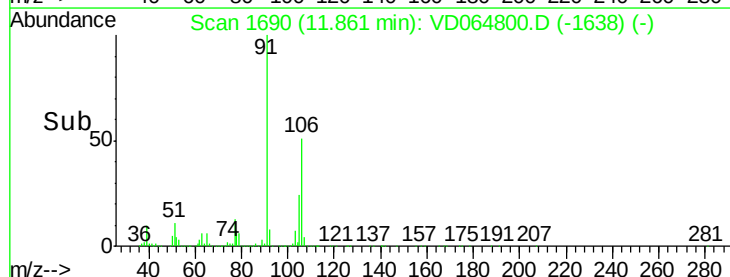
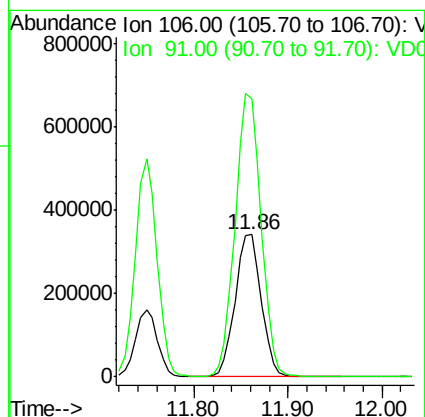
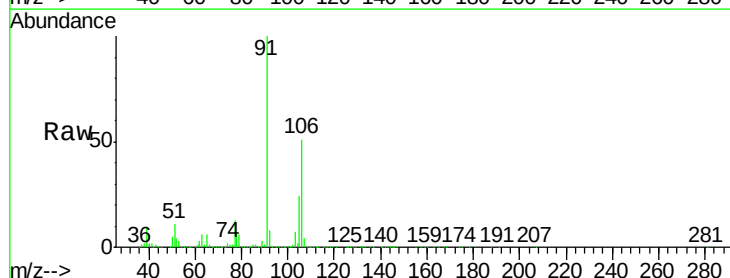
Acq: 07 Jan 2020 18:39

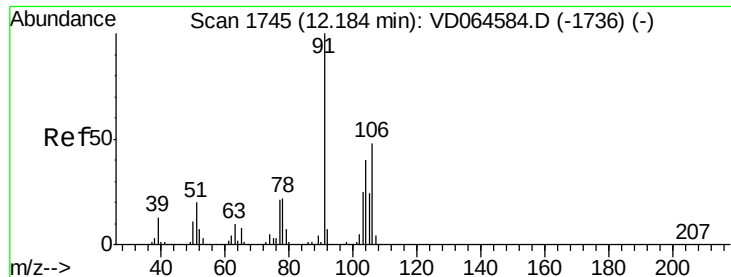
Tgt Ion: 106 Resp: 658997

Ion Ratio Lower Upper

106 100

91 196.9 156.3 234.5





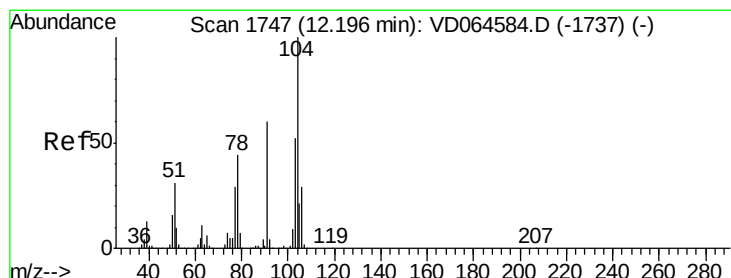
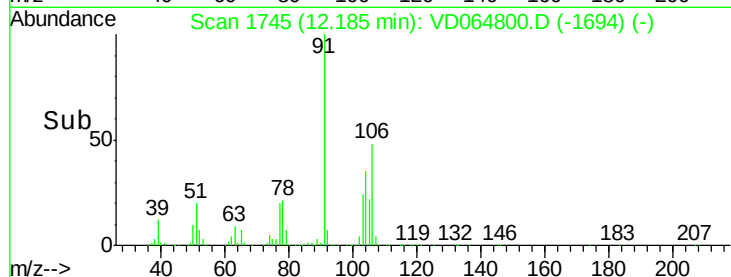
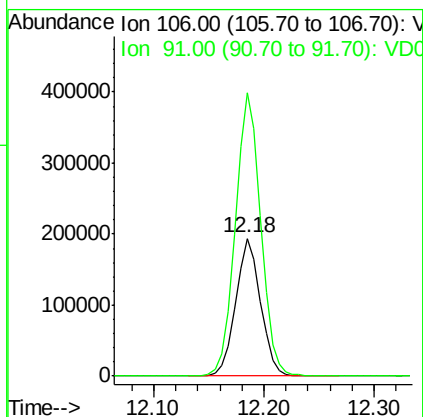
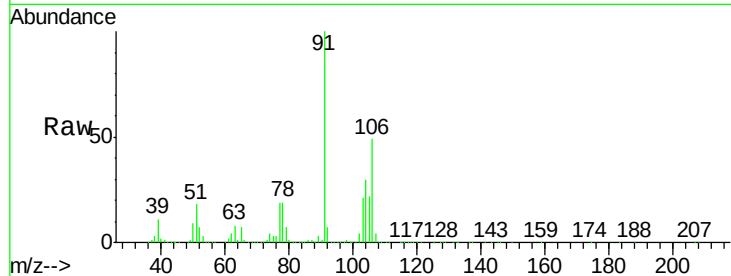
#69
o-Xylene
Concen: 51.371 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 306188
Ion Ratio Lower Upper
106 100
91 208.7 104.8 314.4

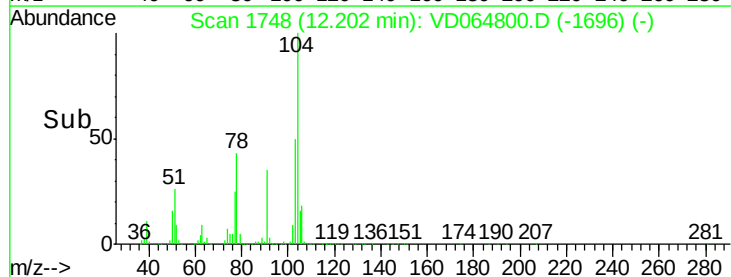
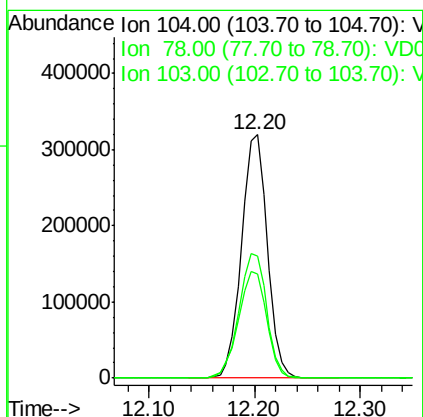
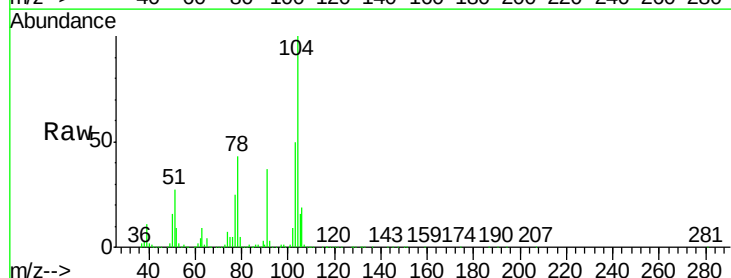
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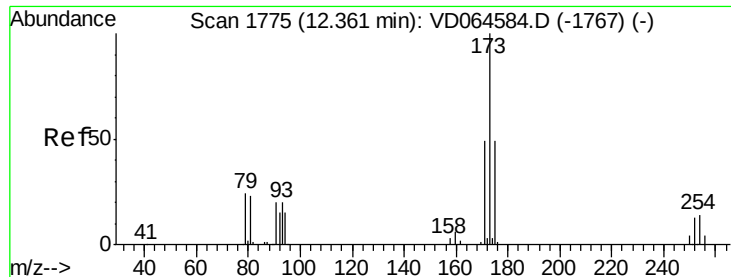
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#70
Styrene
Concen: 51.839 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion:104 Resp: 542345
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.2
103 55.0 44.6 67.0





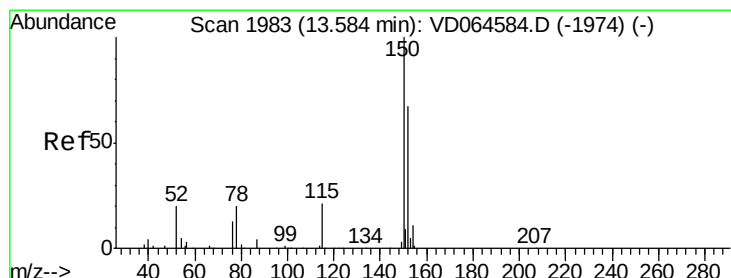
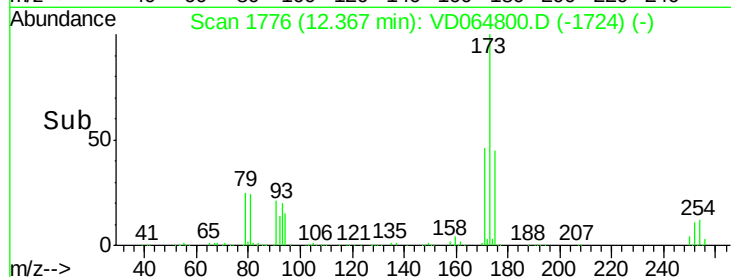
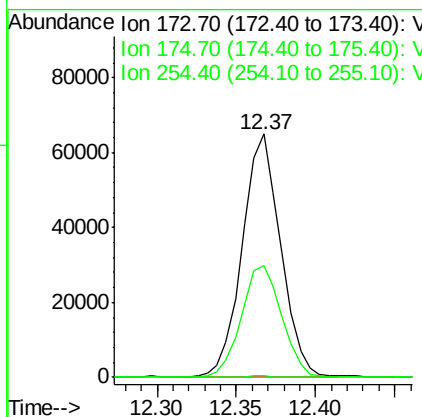
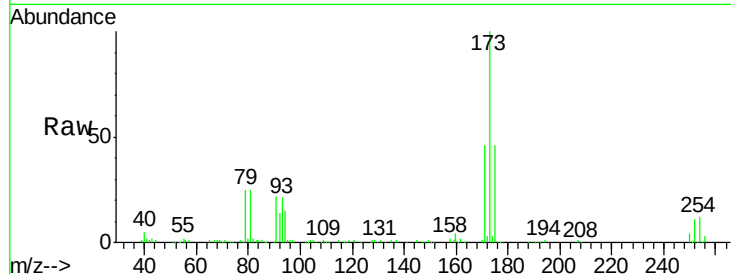
#71
Bromoform
Concen: 54.082 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.8
254	0.2	0.1	0.1#

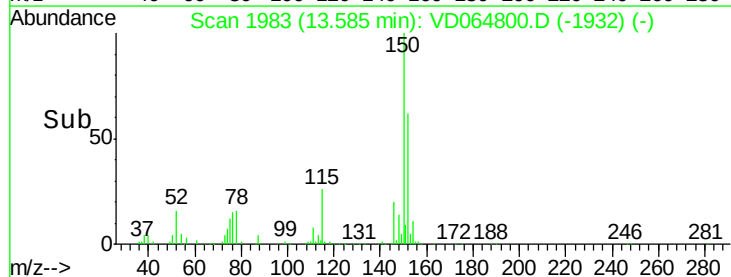
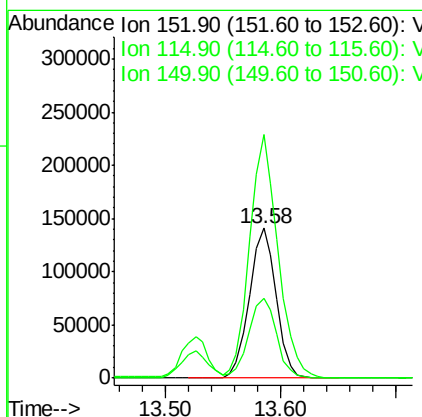
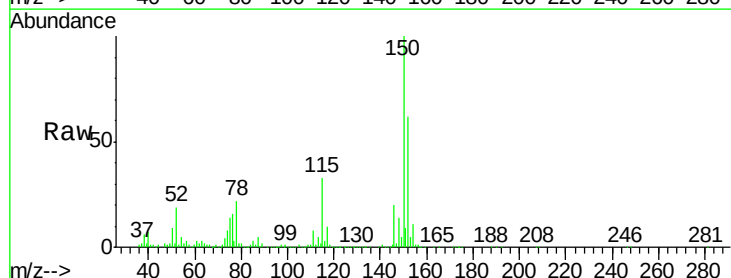
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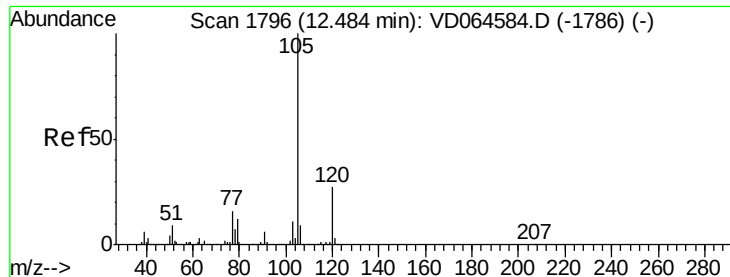
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	172.4	0.0	351.4





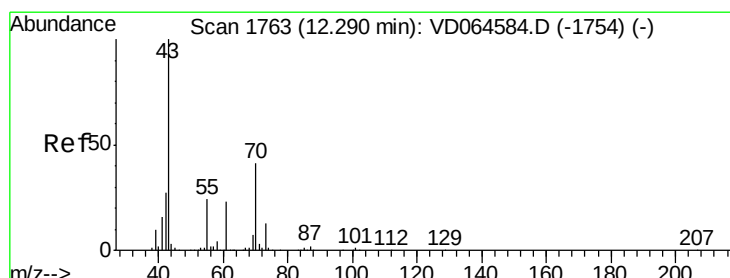
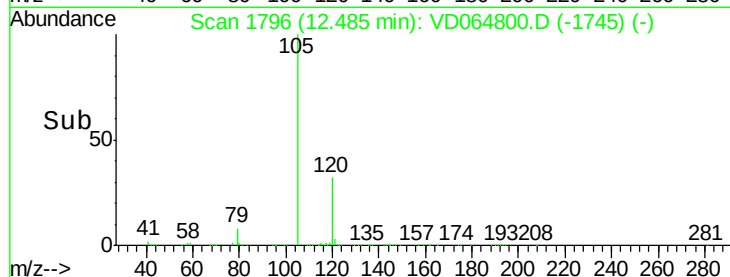
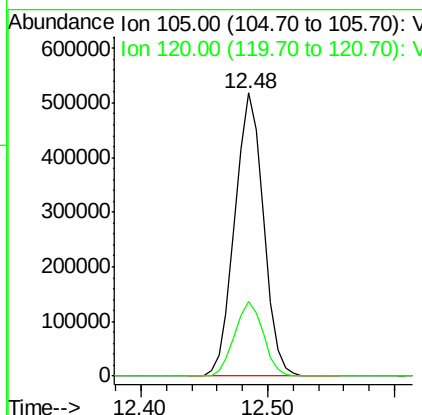
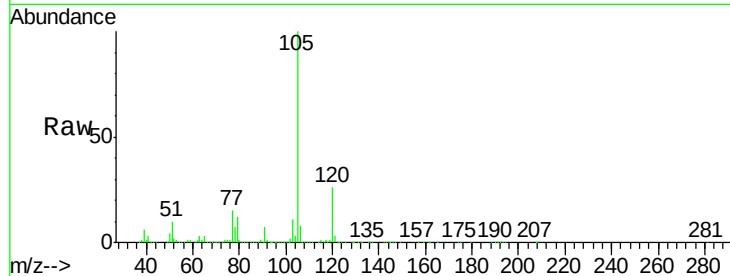
#73
Isopropylbenzene
Concen: 49.756 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.5

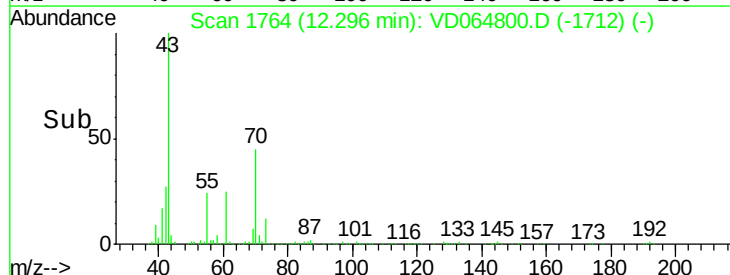
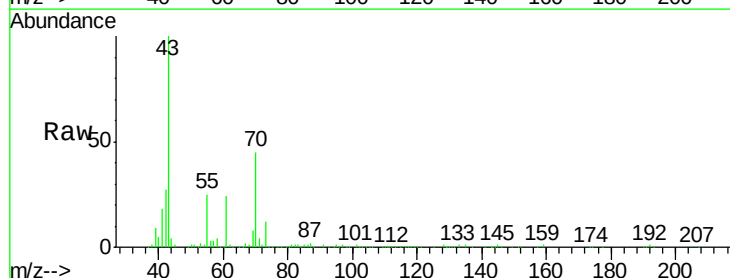
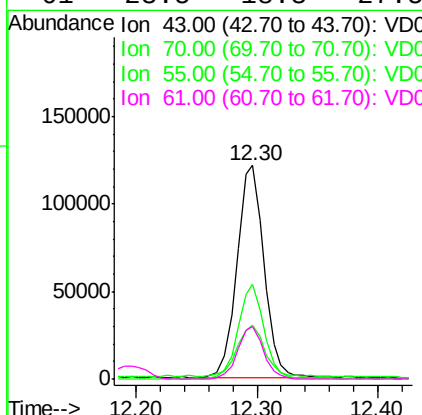
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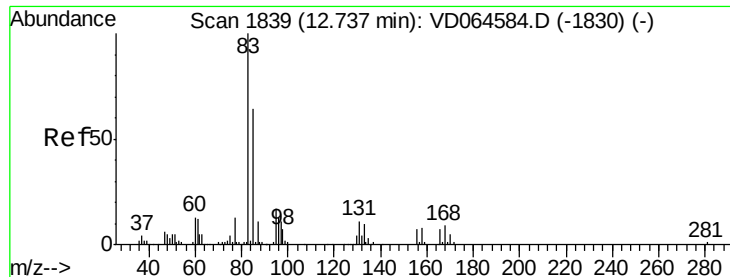
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#74
N-ethyl acetate
Concen: 54.557 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.7	33.4	50.0
55	25.1	19.4	29.0
61	23.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.514 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 134118
Ion Ratio Lower Upper

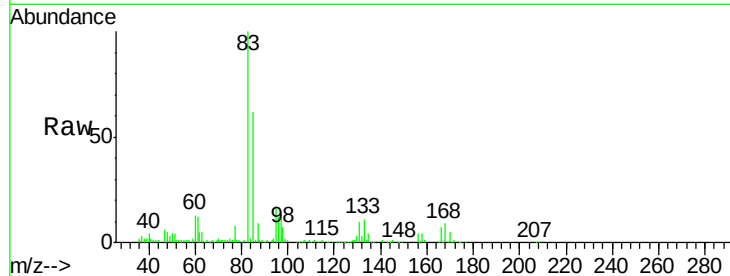
83 100

131 11.1 5.8 17.4

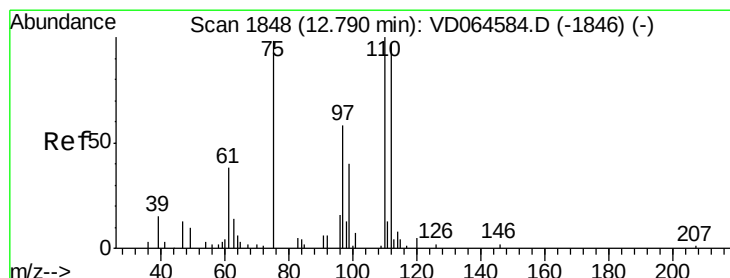
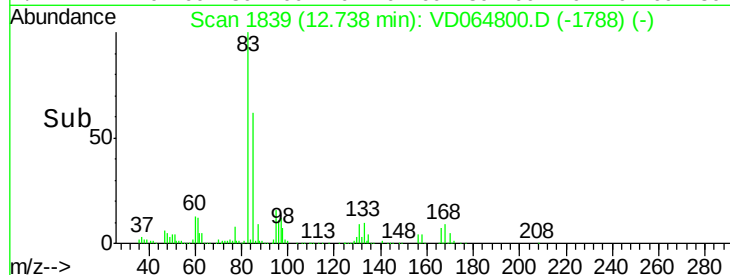
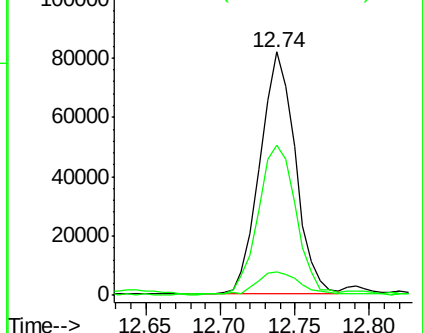
85 66.2 32.3 96.9

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 48.517 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

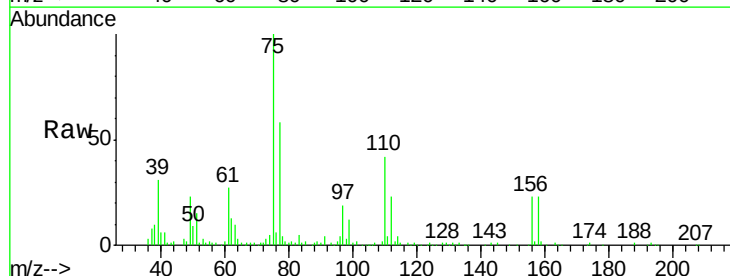
Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

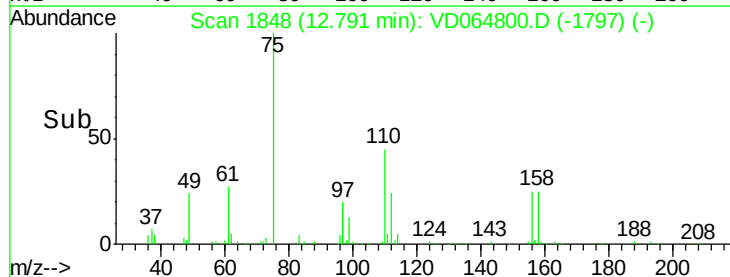
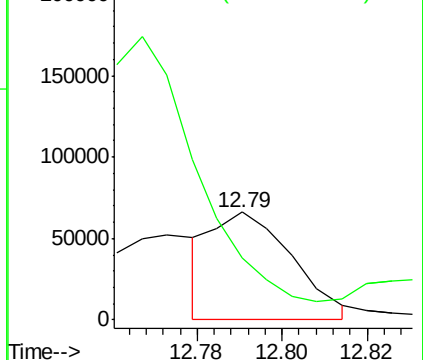
Tgt Ion: 75 Resp: 87160
Ion Ratio Lower Upper

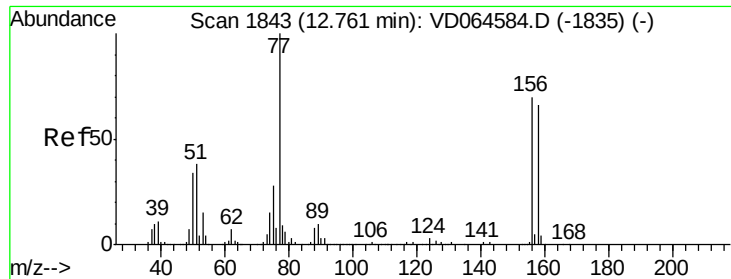
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





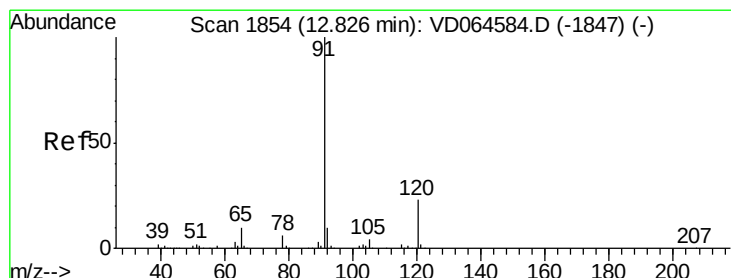
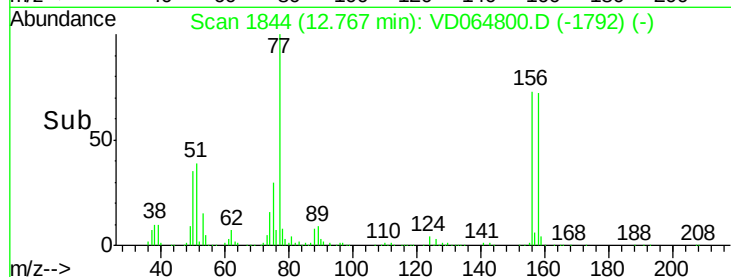
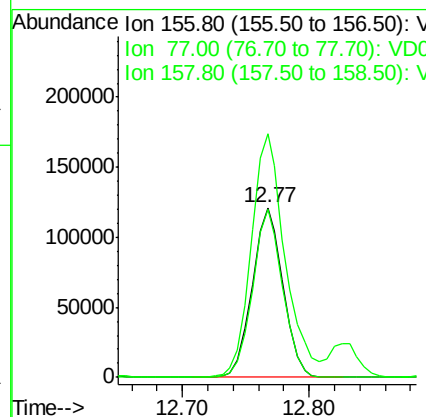
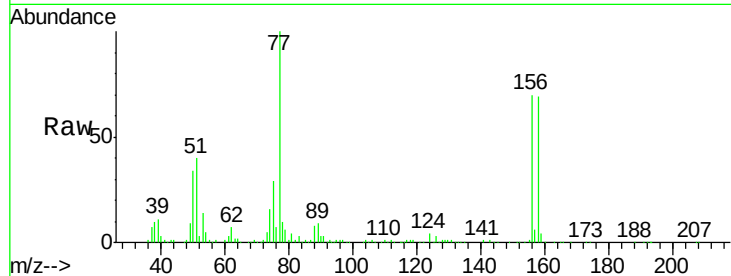
#77
Bromobenzene
Concen: 51.048 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.3	80.9	242.7
158	96.6	48.0	144.2

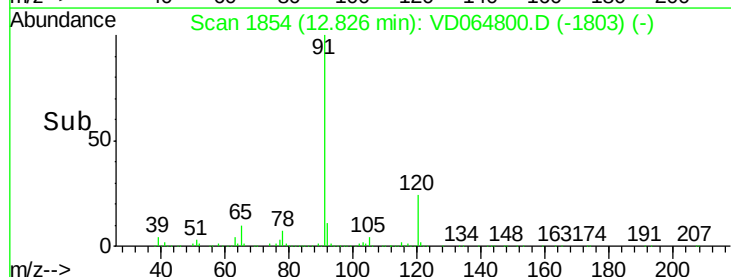
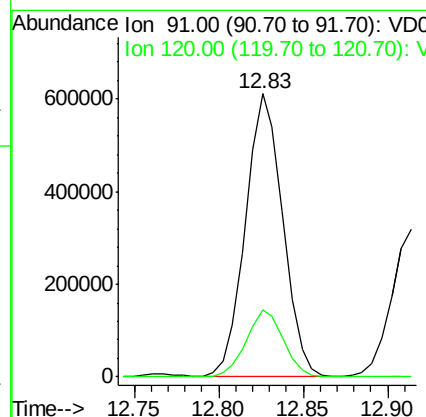
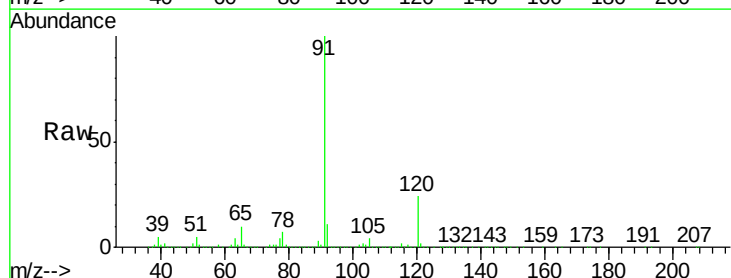
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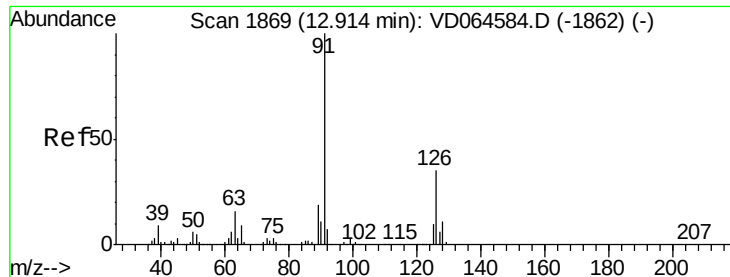
apatel
1/8/2020 9:26:52 AM



#78
n-propylbenzene
Concen: 49.442 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.825 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 529558

Ion Ratio Lower Upper

91 100

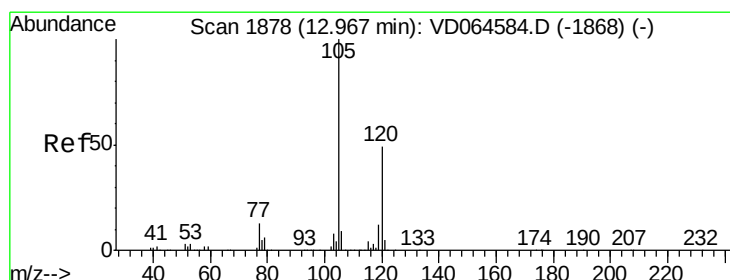
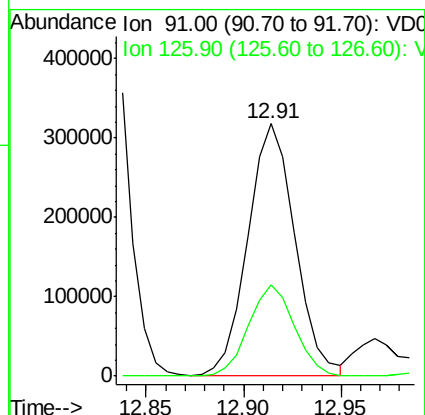
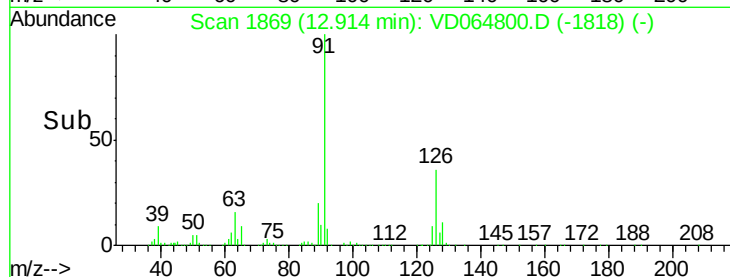
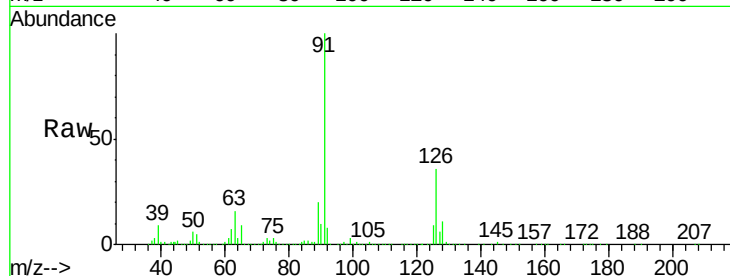
126 35.2 17.8 53.5

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#80

1,3,5-Trimethylbenzene

Concen: 50.232 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064800.D

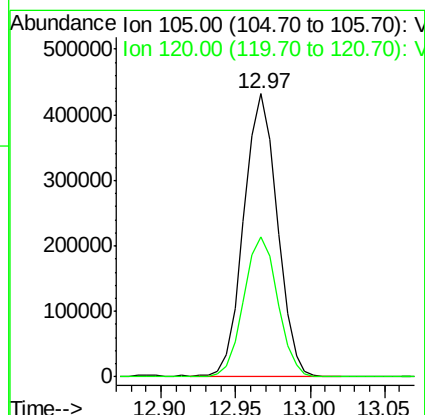
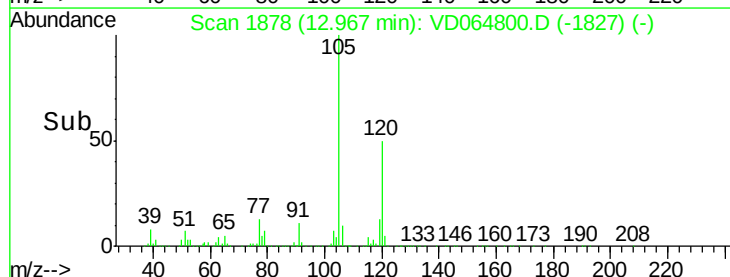
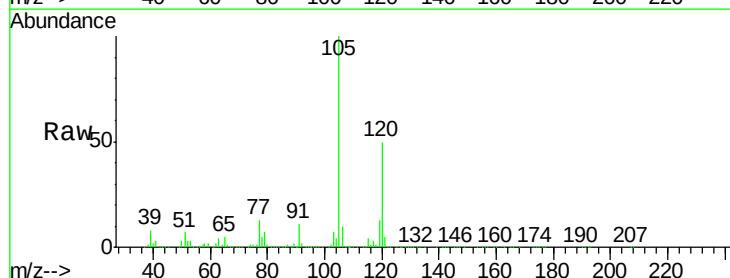
Acq: 07 Jan 2020 18:39

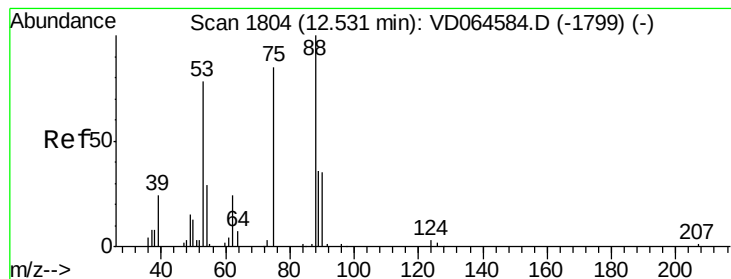
Tgt Ion: 105 Resp: 670844

Ion Ratio Lower Upper

105 100

120 50.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.827 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

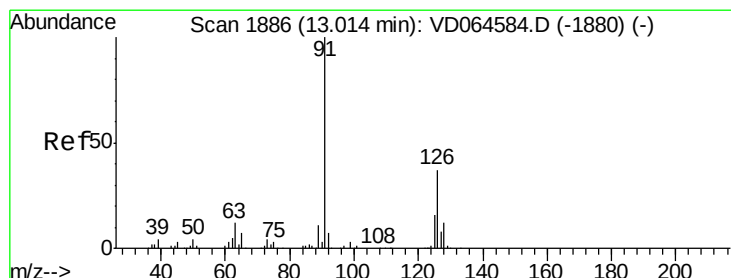
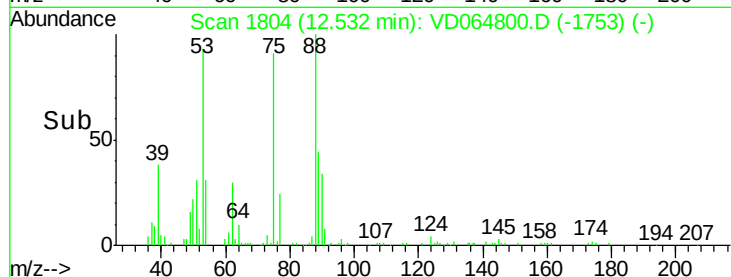
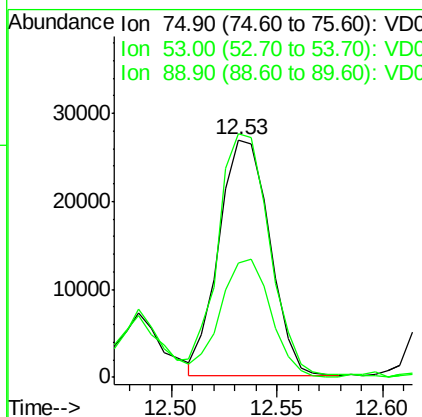
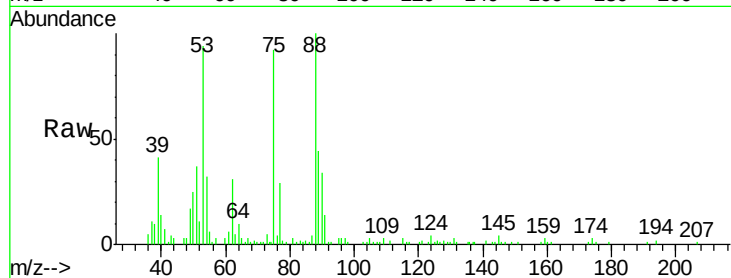
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	44517
Ion	Ratio	Lower	Upper
75	100		
53	104.5	78.8	118.2
89	50.2	38.3	57.5

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#82

4-Chlorotoluene

Concen: 49.846 ug/l

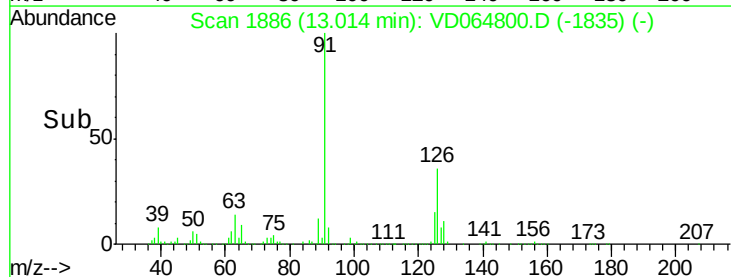
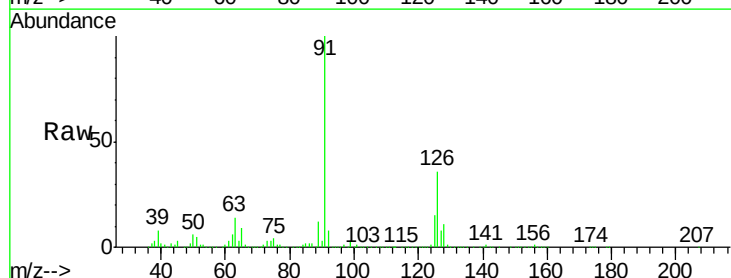
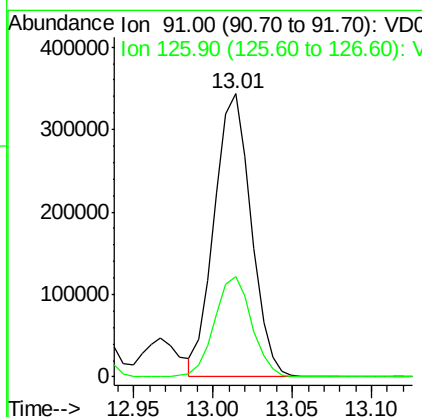
RT: 13.01 min Scan# 1886

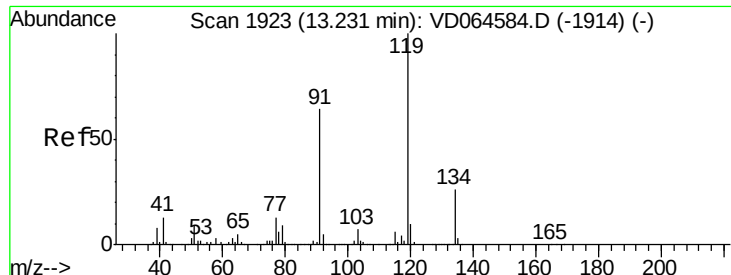
Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	91	Resp:	552697
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.5





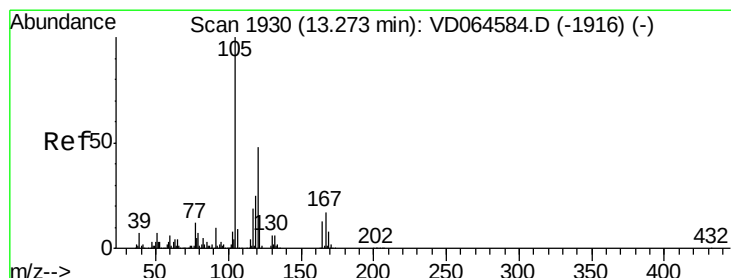
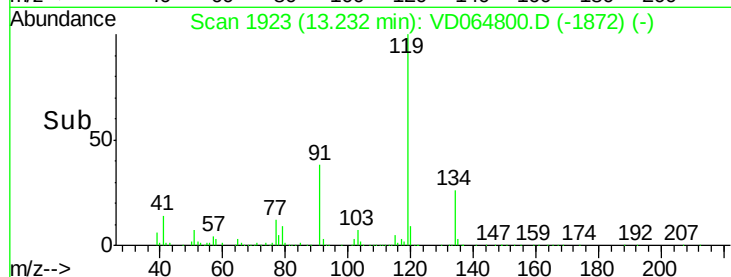
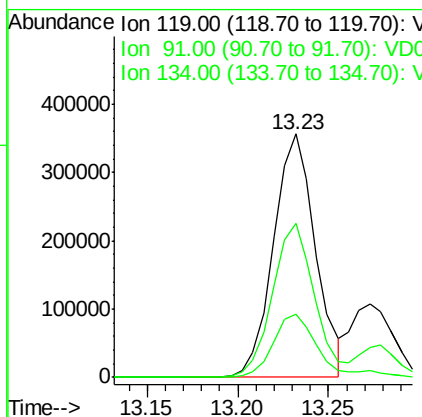
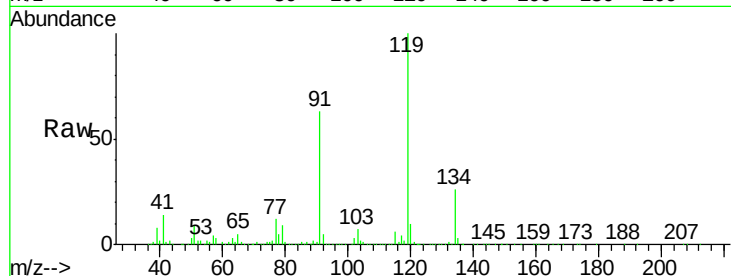
#83
 tert-Butylbenzene
 Concen: 49.476 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.7	30.8	92.4
134	28.2	12.8	38.3

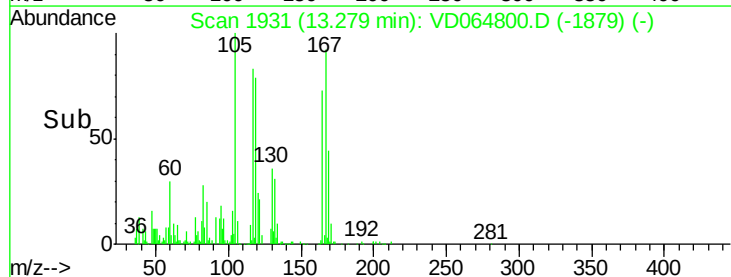
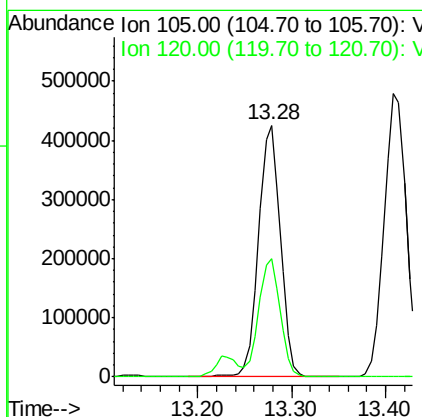
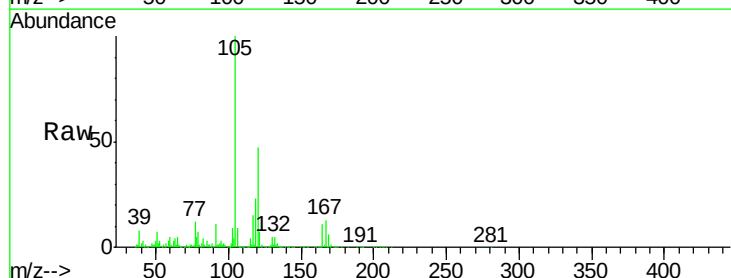
Manual Integrations
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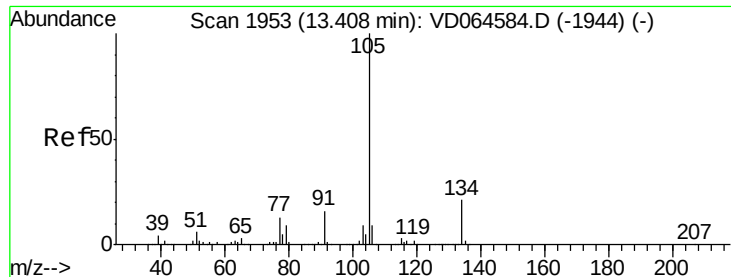
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.349 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.8	71.2





#85

sec-Butylbenzene

Concen: 49.051 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 779756

Ion Ratio Lower Upper

105 100

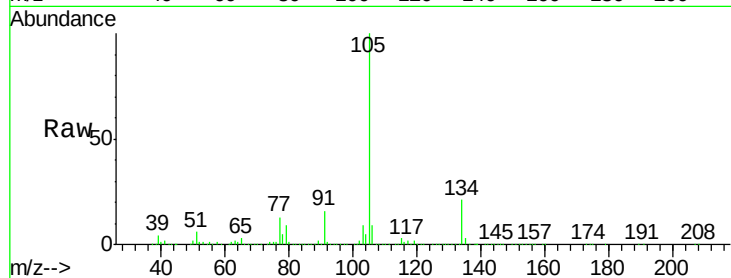
134 20.8 10.6 31.8

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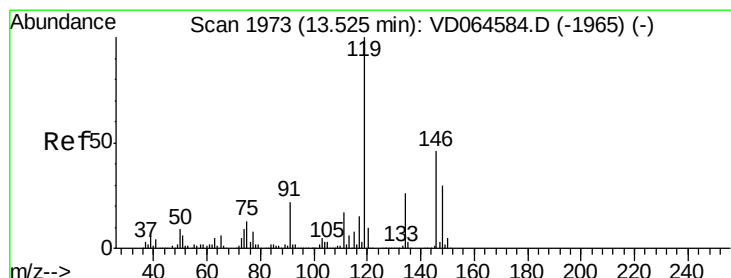
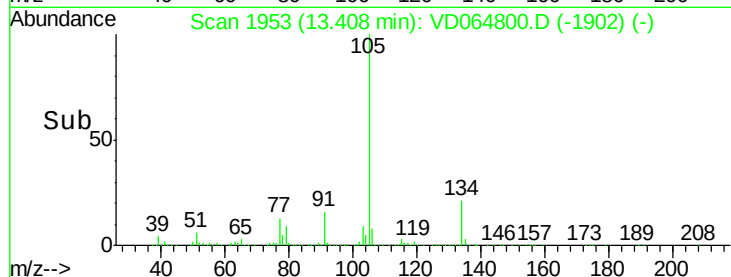
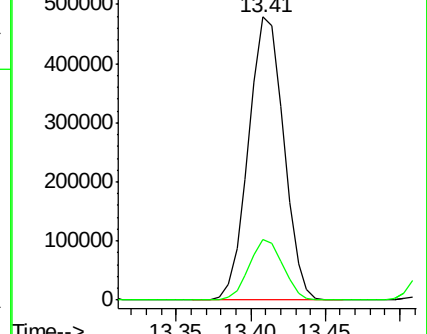
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.157 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

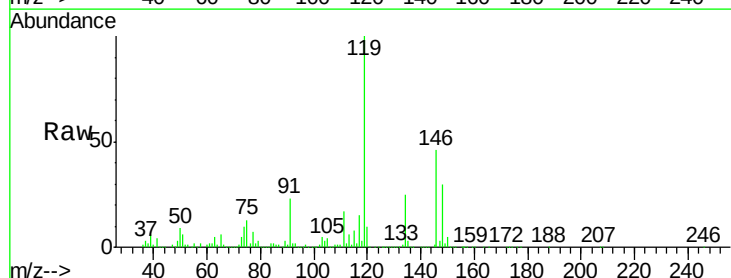
Tgt Ion:119 Resp: 762402

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

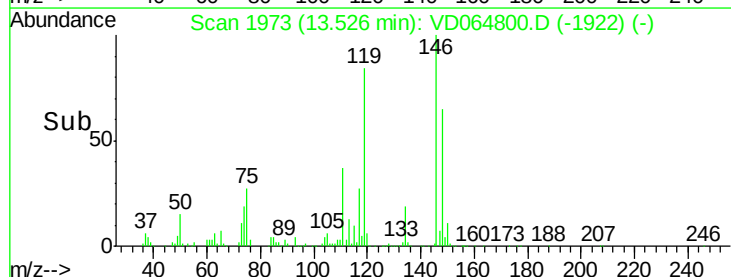
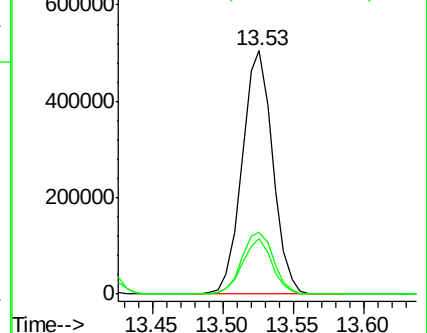
91 22.0 11.2 33.6

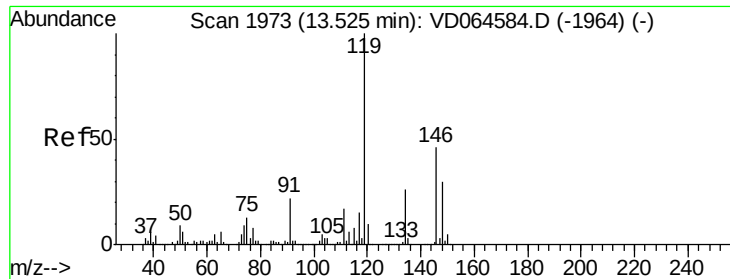


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.889 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

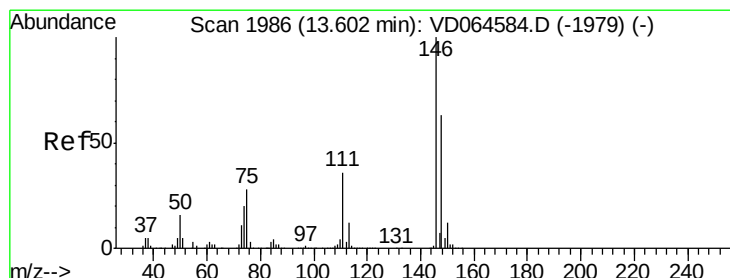
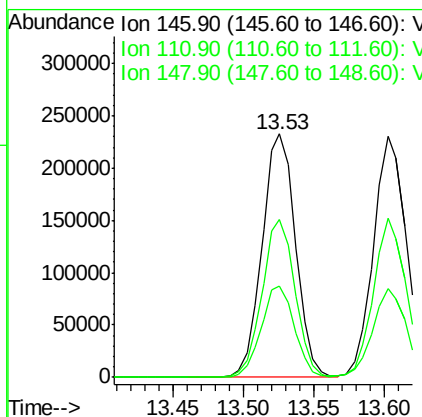
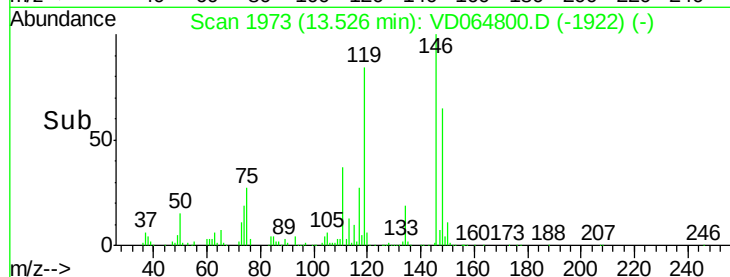
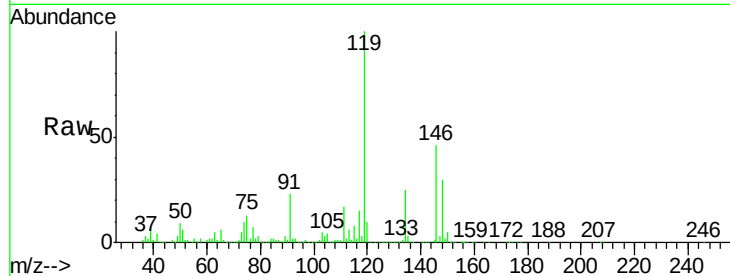
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	387541
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.8	56.4
148	63.8	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 50.006 ug/l

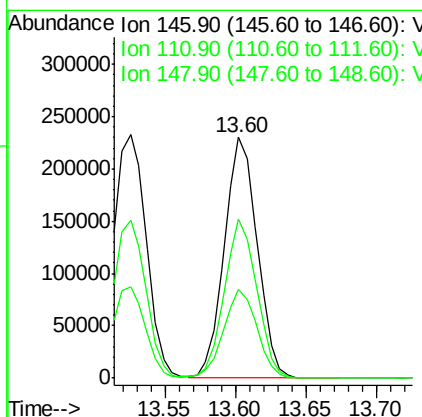
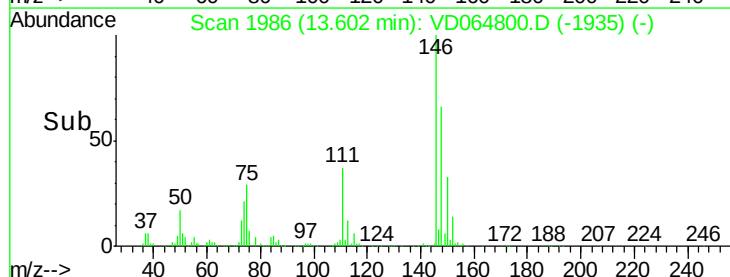
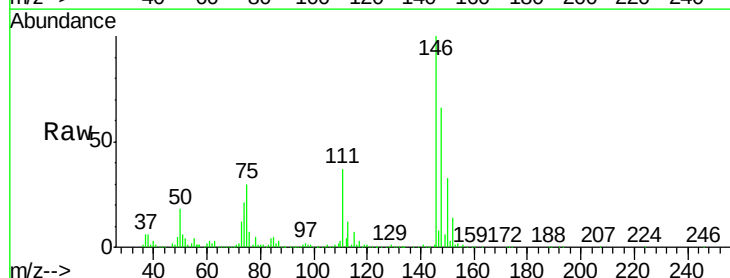
RT: 13.60 min Scan# 1986

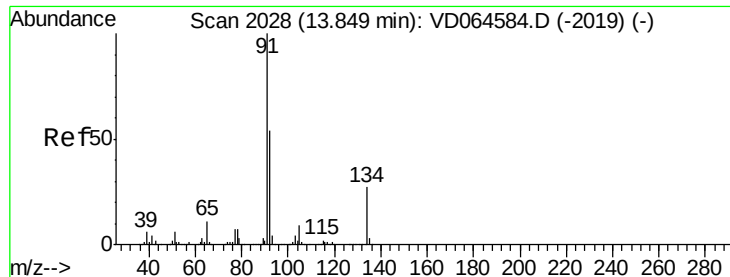
Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	146	Resp:	374097
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.1	54.1
148	65.0	32.3	96.9





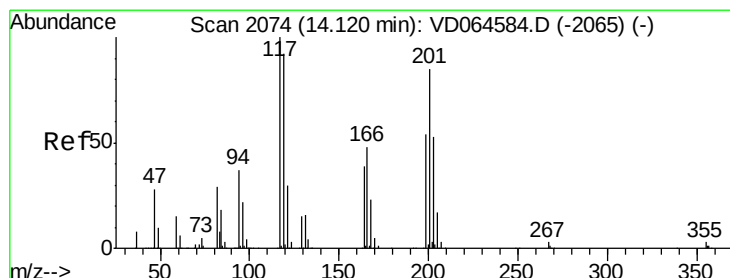
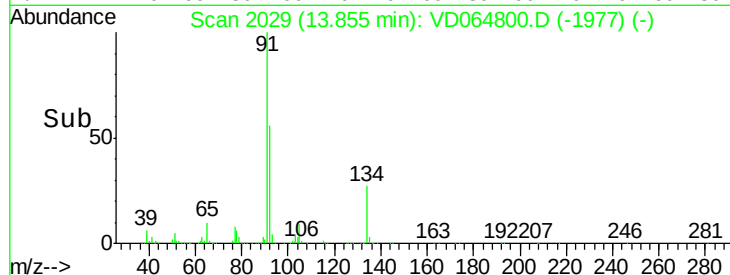
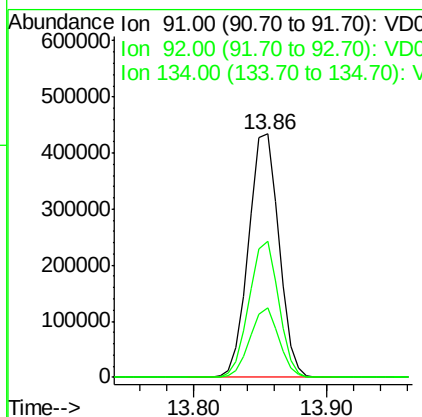
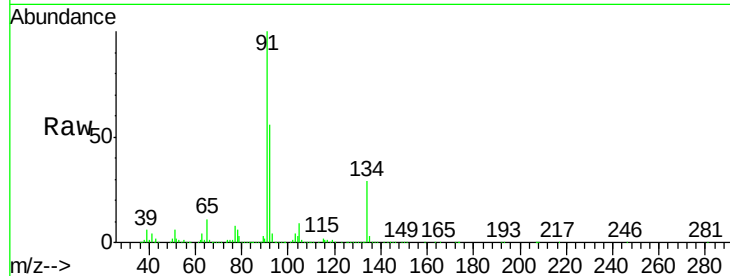
#89
n-Butylbenzene
Concen: 49.496 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.8	80.4
134	27.3	14.0	41.9

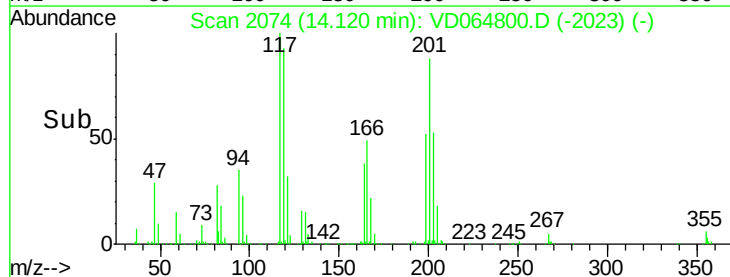
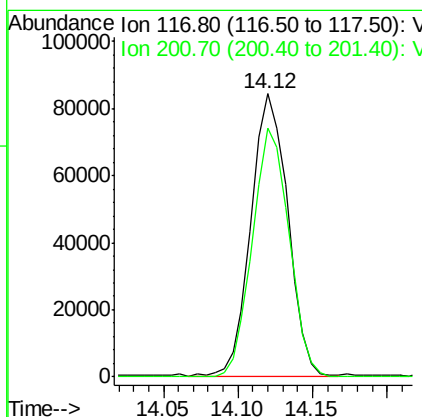
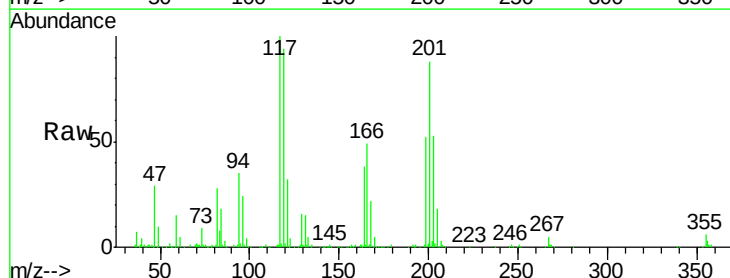
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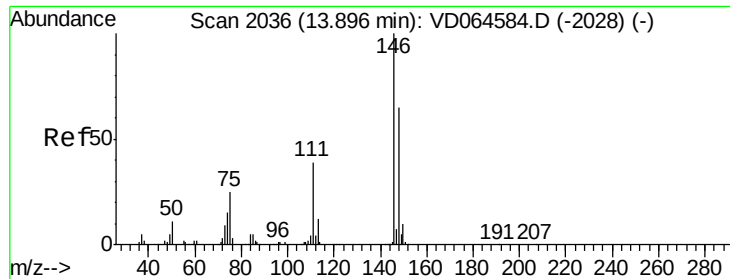
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#90
Hexachloroethane
Concen: 49.304 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064800.D
Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.0	131.8





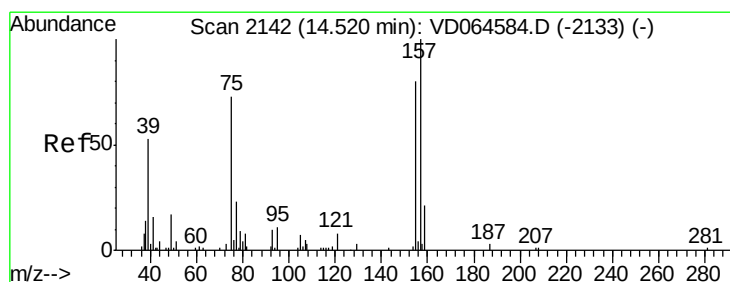
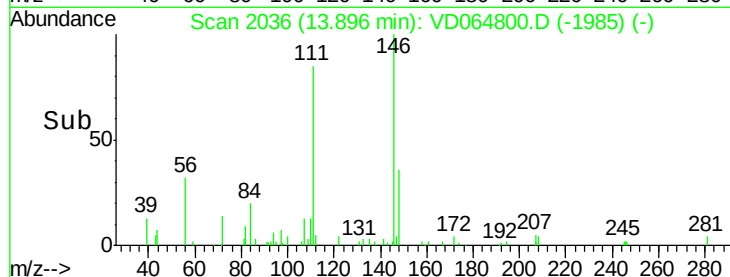
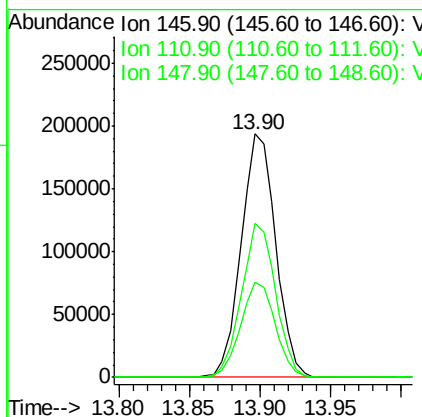
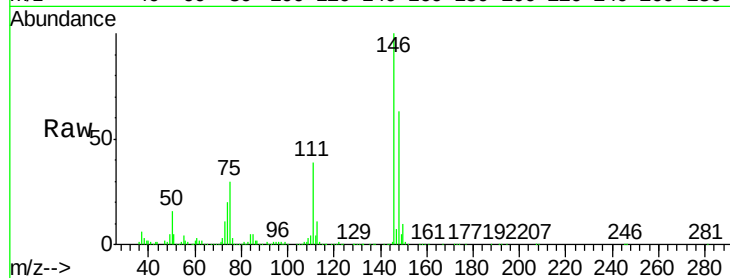
#91
 1,2-Dichlorobenzene
 Concen: 51.104 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331854		
111	39.5	19.3	57.9	
148	62.6	31.9	95.5	

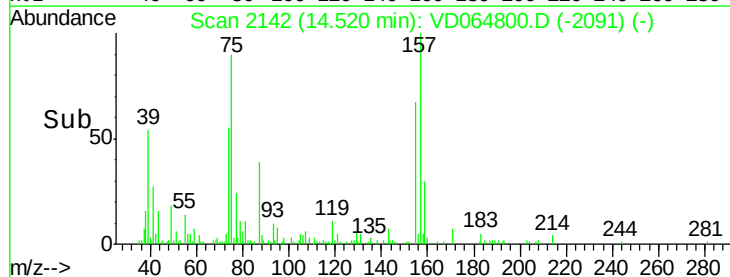
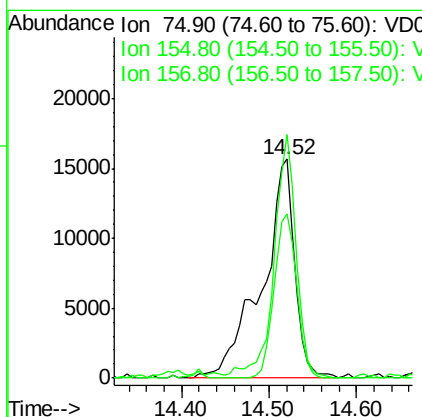
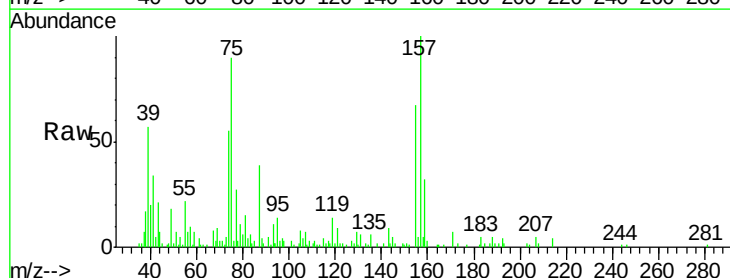
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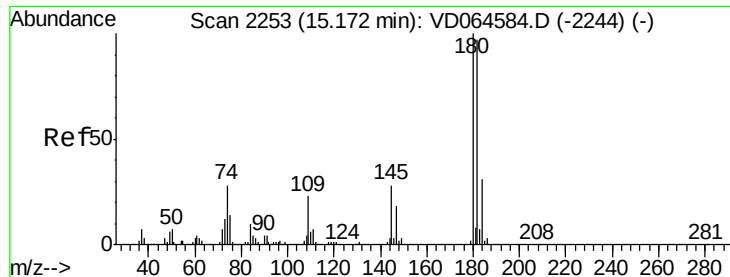
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.113 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40621		
155	51.8	48.0	144.0	
157	75.6	64.1	192.3	





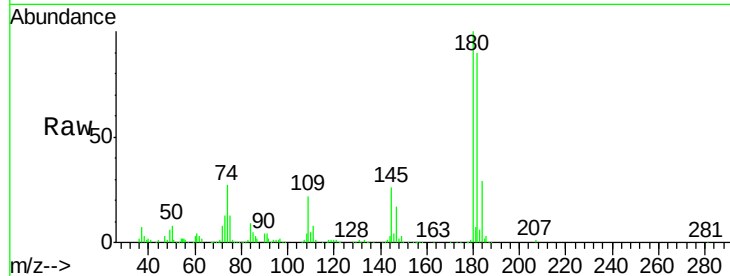
#93
 1,2,4-Trichlorobenzene
 Concen: 50.937 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

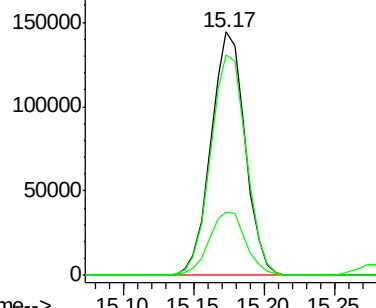
Tgt Ion:	180	Resp:	243549
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.0	144.2
145	27.9	13.8	41.4

Manual Integrations
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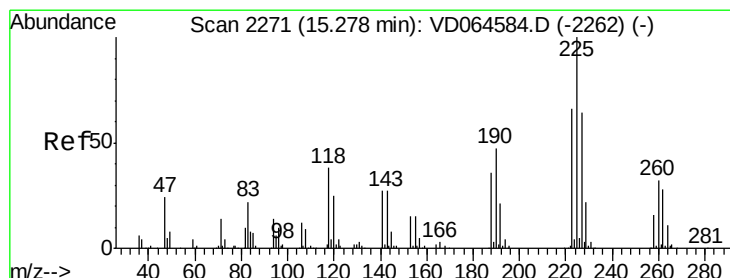
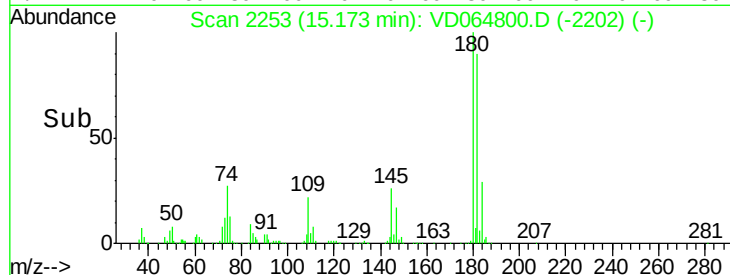
apatel
 1/8/2020 9:26:52 AM



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

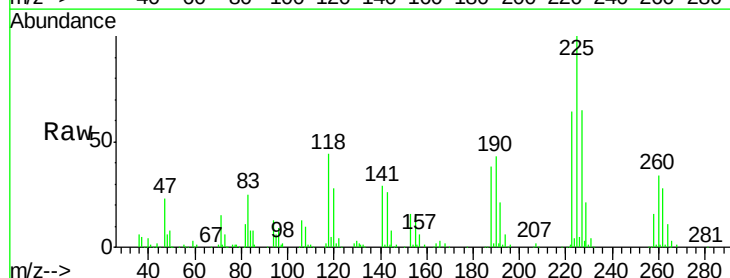


Time-->

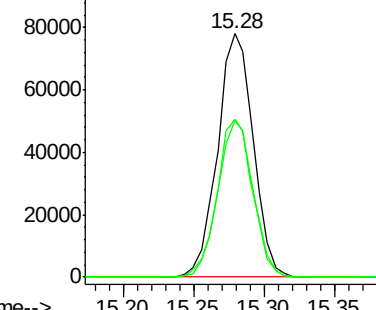


#94
 Hexachlorobutadiene
 Concen: 45.881 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064800.D
 Acq: 07 Jan 2020 18:39

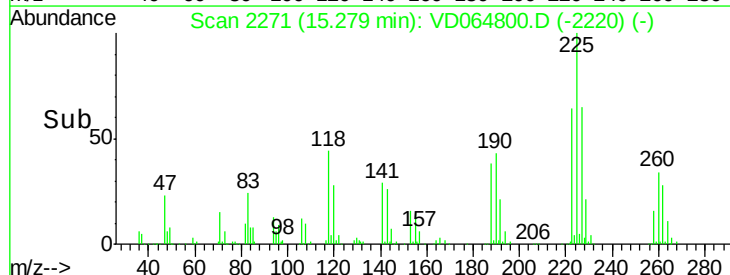
Tgt Ion:	225	Resp:	138045
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.1	93.2
227	64.6	30.9	92.7

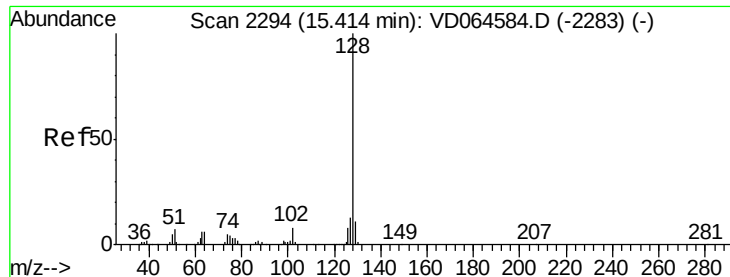


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 53.705 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Instrument :

MSVOA_D

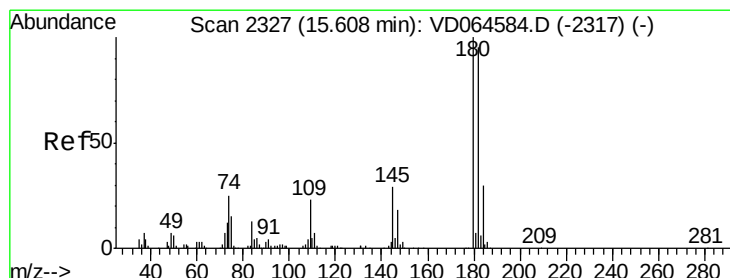
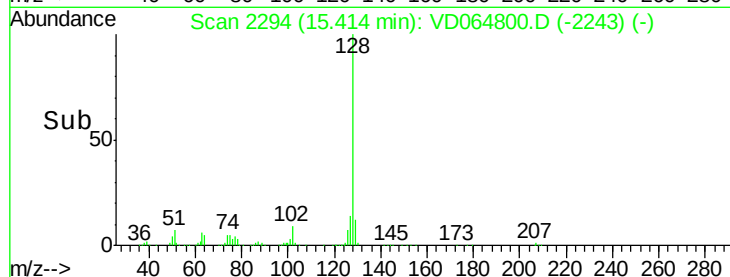
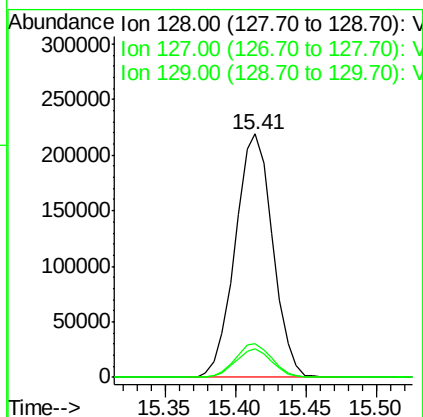
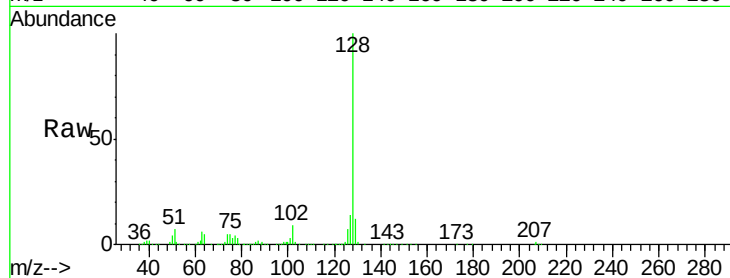
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	406229
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	11.6	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.842 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD064800.D

Acq: 07 Jan 2020 18:39

Tgt Ion:	180	Resp:	207530
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.9	143.7
145	30.1	14.9	44.7

