

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064772.D
 Acq On : 06 Jan 2020 14:48
 Operator : VA/SY
 Sample : VD0106SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:24:03 AM

Quant Time: Jan 07 00:55:42 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	394018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	576551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	188910	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.91	113	191622	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	10.34	98	725862	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.64	95	231423	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63523	20.745	ug/l	99
3) Chloromethane	2.21	50	93515	21.836	ug/l	100
4) Vinyl Chloride	2.35	62	110534	21.169	ug/l	98
5) Bromomethane	2.76	94	79613	20.970	ug/l	92
6) Chloroethane	2.92	64	75189	21.490	ug/l	99
7) Trichlorofluoromethane	3.27	101	189514	21.555	ug/l	94
8) Diethyl Ether	3.70	74	35712	20.455	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	79581	21.856	ug/l	99
10) Methyl Iodide	4.29	142	78379	20.040	ug/l	99
11) Tert butyl alcohol	5.25	59	20941	105.168	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	73697	21.260	ug/l	98
13) Acrolein	3.93	56	22772	82.060	ug/l	98
14) Allyl chloride	4.71	41	118474	21.920	ug/l	99
15) Acrylonitrile	5.43	53	77560	106.653	ug/l	99
16) Acetone	4.16	43	80112	104.692	ug/l	99
17) Carbon Disulfide	4.39	76	232653	20.756	ug/l	100
18) Methyl Acetate	4.73	43	40849	20.883	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	162778	21.141	ug/l	98
20) Methylene Chloride	4.96	84	91536	23.134	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	83365	21.117	ug/l	93
22) Diisopropyl ether	6.36	45	232185	21.538	ug/l	97
23) Vinyl Acetate	6.31	43	643369	105.208	ug/l	98
24) 1,1-Dichloroethane	6.26	63	144591	22.342	ug/l	98
25) 2-Butanone	7.22	43	100926	105.678	ug/l	98
26) 2,2-Dichloropropane	7.21	77	132251	21.979	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	91985	21.590	ug/l	100
28) Bromochloromethane	7.54	49	49561	19.700	ug/l	99
29) Tetrahydrofuran	7.57	42	61641	103.788	ug/l	99
30) Chloroform	7.71	83	150894	22.223	ug/l	93
31) Cyclohexane	7.98	56	134089	20.699	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	138474	21.713	ug/l	98
36) 1,1-Dichloropropene	8.11	75	117252	21.129	ug/l	97
37) Ethyl Acetate	7.29	43	46614	21.382	ug/l	96
38) Carbon Tetrachloride	8.10	117	127248	21.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138117	20.549	ug/l	95
40) Benzene	8.35	78	326299	21.539	ug/l	99
41) Methacrylonitrile	7.53	41	28087	22.206	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	94900	21.678	ug/l	100
43) Isopropyl Acetate	8.46	43	88542	20.405	ug/l	99
44) Trichloroethene	9.11	130	92314	20.743	ug/l	100
45) 1,2-Dichloropropane	9.39	63	79570	21.999	ug/l	92
46) Dibromomethane	9.48	93	43707	21.674	ug/l	99
47) Bromodichloromethane	9.66	83	114973	21.426	ug/l	98
48) Methyl methacrylate	9.46	41	39858	19.508	ug/l	86
49) 1,4-Dioxane	9.47	88	9354	402.273	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	219645	102.410	ug/l	99
52) Toluene	10.40	92	210249	21.154	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	104111	20.810	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	128195	21.731	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	57161	21.033	ug/l	95
56) Ethyl methacrylate	10.66	69	67007	19.742	ug/l	99
57) 1,3-Dichloropropane	10.95	76	97076	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	142030	109.835	ug/l	99
59) 2-Hexanone	10.99	43	152527	104.779	ug/l	100
60) Dibromochloromethane	11.14	129	78219	20.813	ug/l	98
61) 1,2-Dibromoethane	11.25	107	56434	21.053	ug/l	99
64) Tetrachloroethene	10.88	164	82643	21.302	ug/l	97
65) Chlorobenzene	11.67	112	223600	21.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	85471	21.602	ug/l	99
67) Ethyl Benzene	11.75	91	400196	21.008	ug/l	96
68) m/p-Xylenes	11.86	106	308059	41.896	ug/l	98
69) o-Xylene	12.18	106	139524	21.008	ug/l	99
70) Styrene	12.20	104	241154	20.686	ug/l	99
71) Bromoform	12.37	173	46400	20.564	ug/l #	100
73) Isopropylbenzene	12.48	105	381097	21.524	ug/l	99
74) N-amyl acetate	12.30	43	78024	20.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	59432	21.368	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	38019m	19.432	ug/l	
77) Bromobenzene	12.77	156	92780	21.326	ug/l	99
78) n-propylbenzene	12.83	91	448735	21.724	ug/l	99
79) 2-Chlorotoluene	12.91	91	244943	21.586	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	317436	21.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20726	22.156	ug/l	98
82) 4-Chlorotoluene	13.01	91	254850	21.105	ug/l	99
83) tert-Butylbenzene	13.23	119	261935	20.742	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	312071	21.544	ug/l	98
85) sec-Butylbenzene	13.41	105	368999	21.314	ug/l	100
86) p-Isopropyltoluene	13.53	119	354002	21.385	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	177533	21.406	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	172998	21.234	ug/l	98
89) n-Butylbenzene	13.86	91	319643	21.442	ug/l	99
90) Hexachloroethane	14.12	117	70869	22.412	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	149585	21.152	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	8986	19.929	ug/l	97

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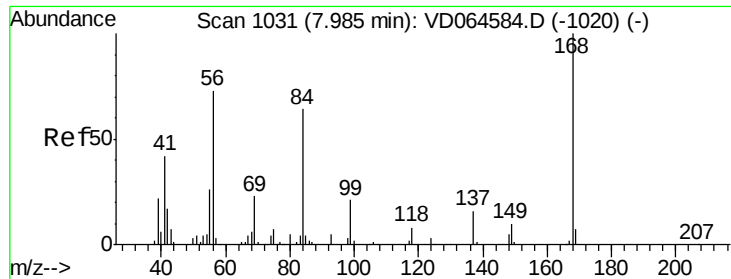
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	107284	20.603	ug/l	99
94) Hexachlorobutadiene	15.28	225	65289	19.925	ug/l	95
95) Naphthalene	15.41	128	168489	20.453	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	90079	20.264	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 168 Resp: 394018

Ion Ratio Lower Upper

168 100

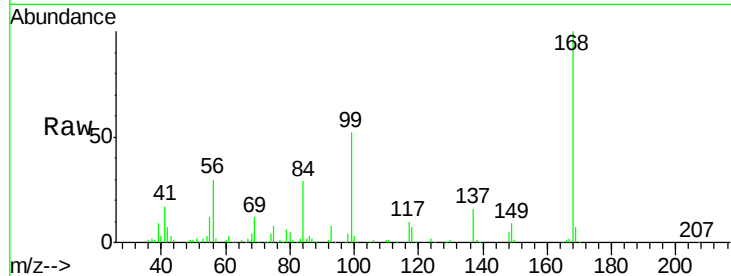
99 52.0 41.8 62.6

Manual Integrations

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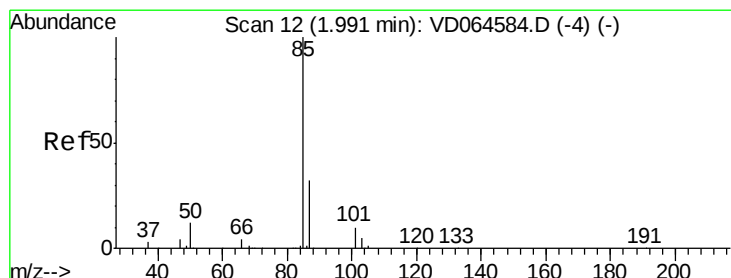
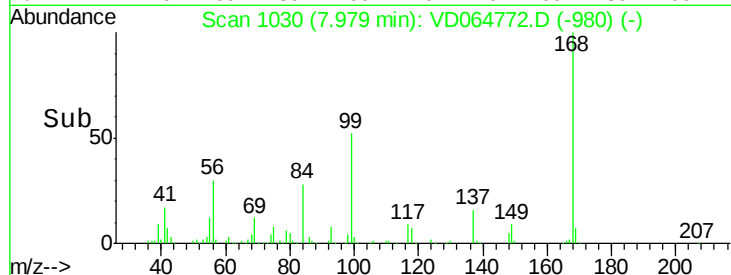
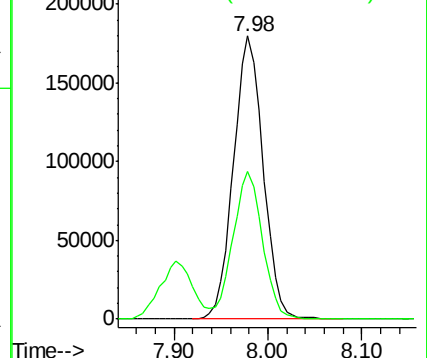
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.745 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064772.D

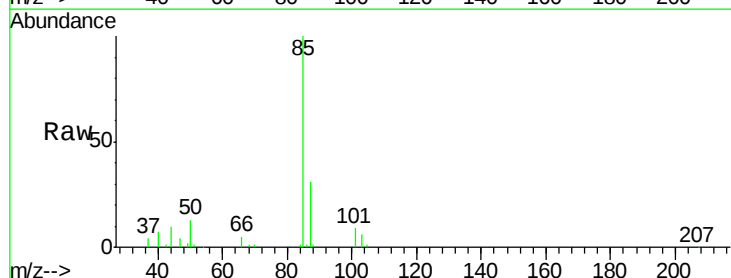
Acq: 06 Jan 2020 14:48

Tgt Ion: 85 Resp: 63523

Ion Ratio Lower Upper

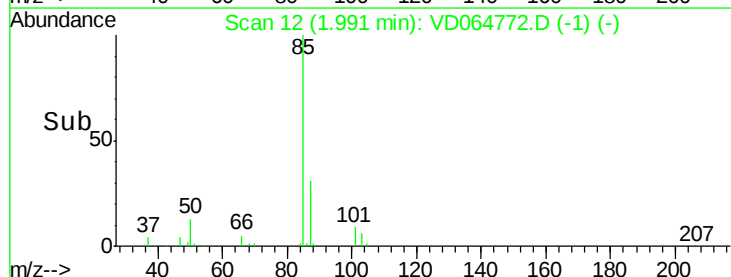
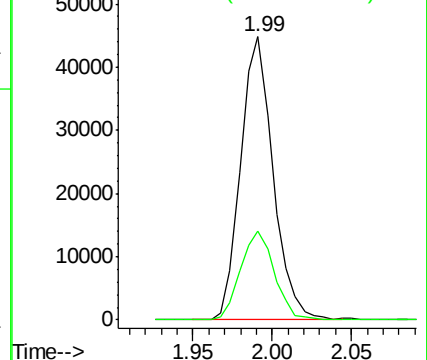
85 100

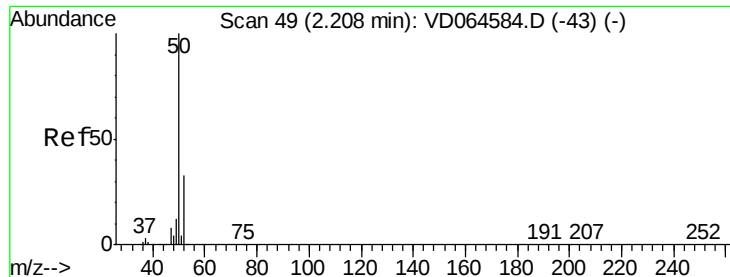
87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.836 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 50 Resp: 93515

Ion Ratio Lower Upper

50 100

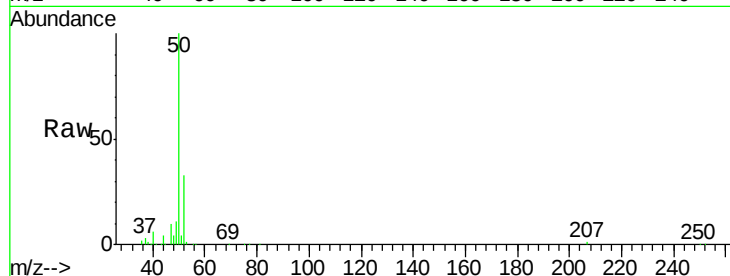
52 32.9 26.5 39.7

Manual Integrations

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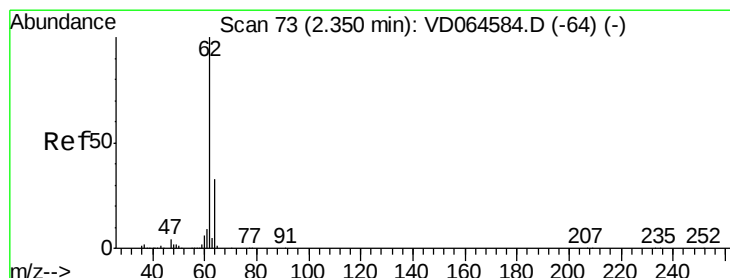
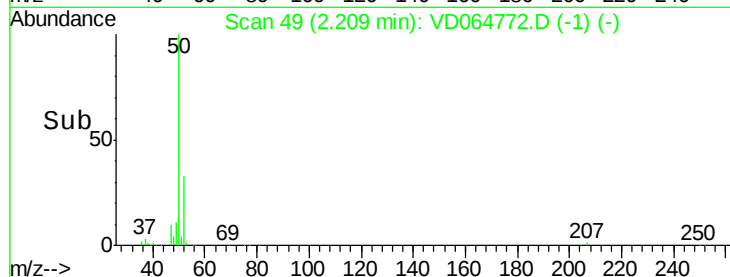
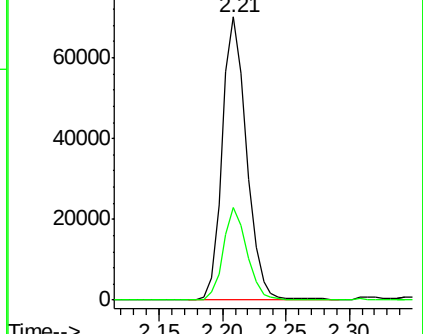
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.169 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064772.D

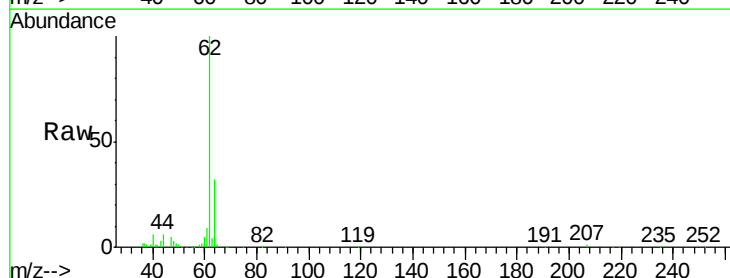
Acq: 06 Jan 2020 14:48

Tgt Ion: 62 Resp: 110534

Ion Ratio Lower Upper

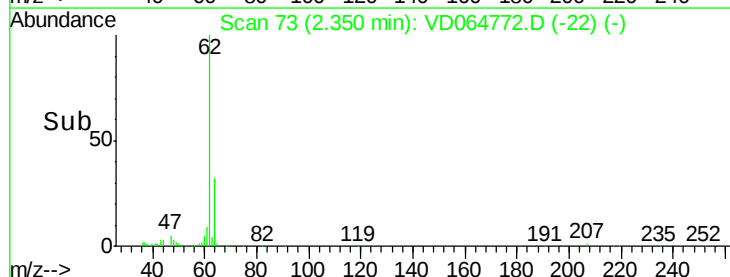
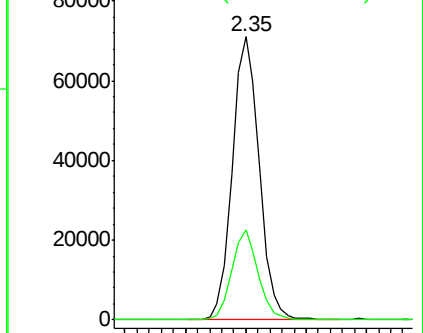
62 100

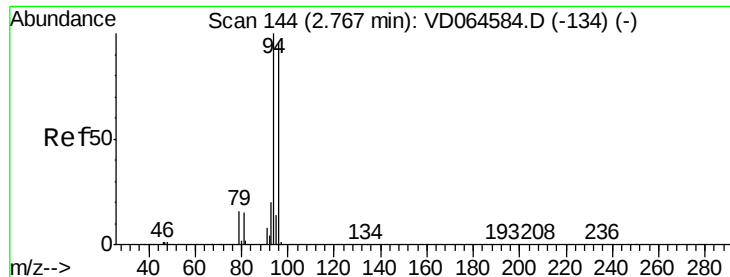
64 32.0 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.970 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 94 Resp: 79613

Ion Ratio Lower Upper

94 100

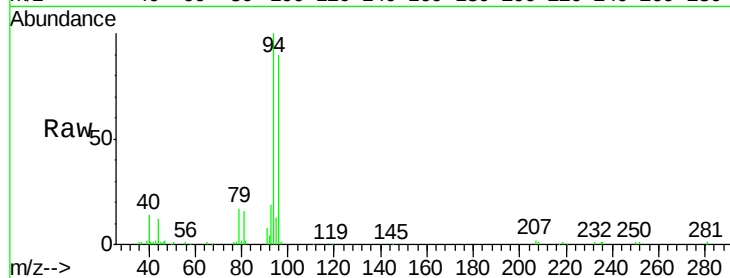
96 88.9 77.2 115.8

Manual Integrations

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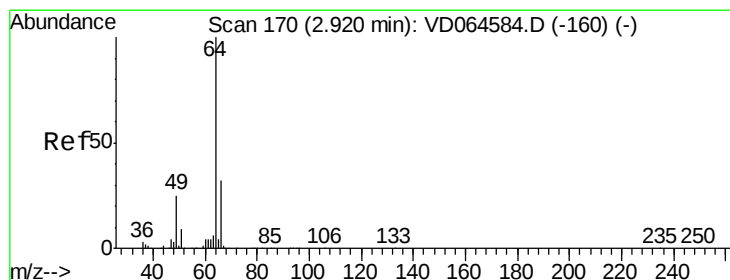
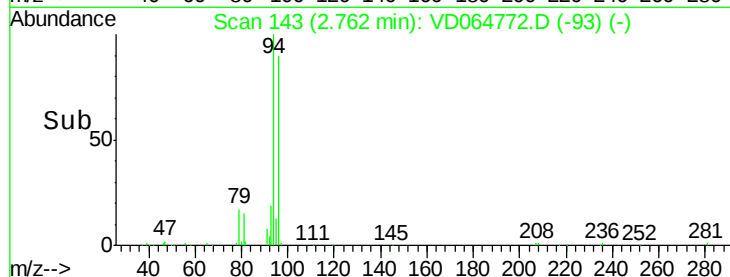
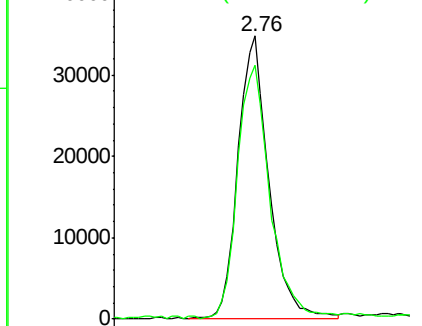
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.490 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064772.D

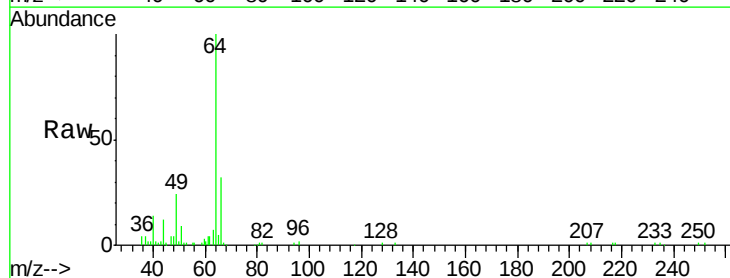
Acq: 06 Jan 2020 14:48

Tgt Ion: 64 Resp: 75189

Ion Ratio Lower Upper

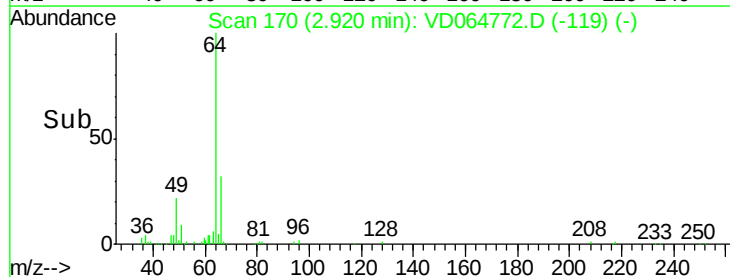
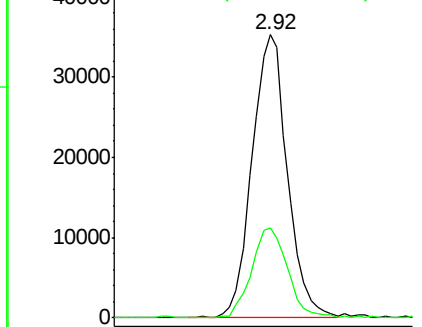
64 100

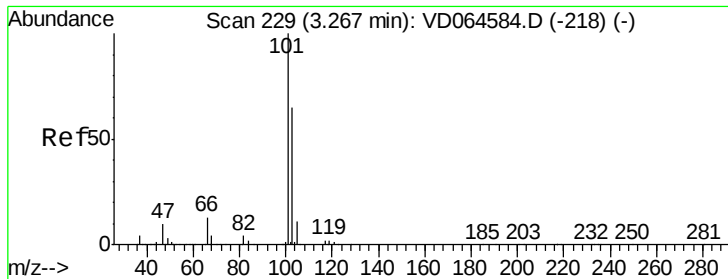
66 31.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

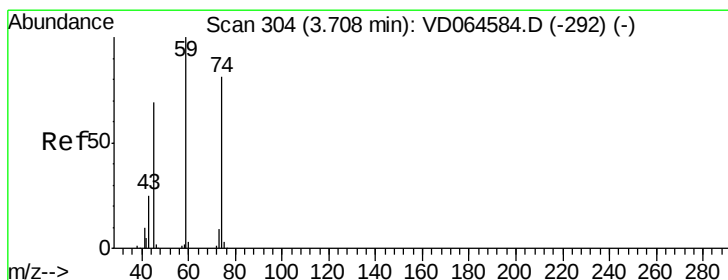
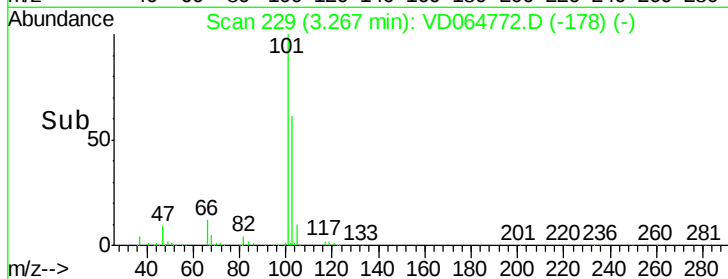
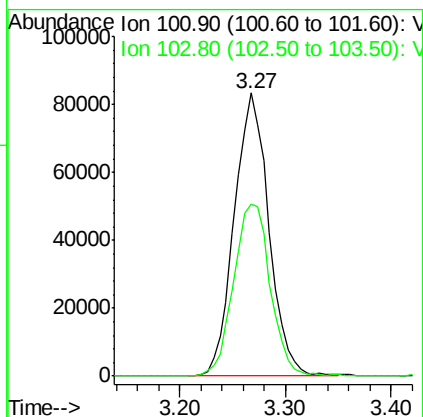
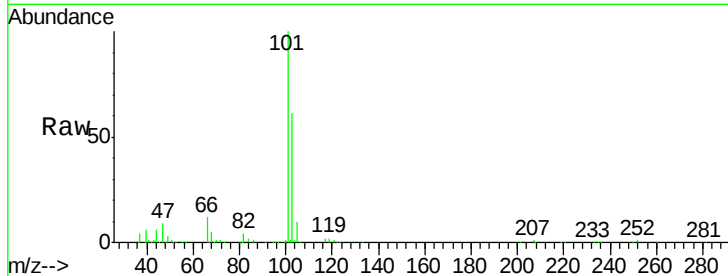
Trichlorofluoromethane
 Concen: 21.555 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
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 VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	189514		
103	60.6	52.2	78.4	

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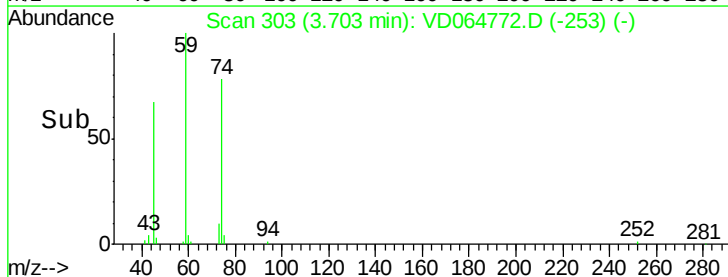
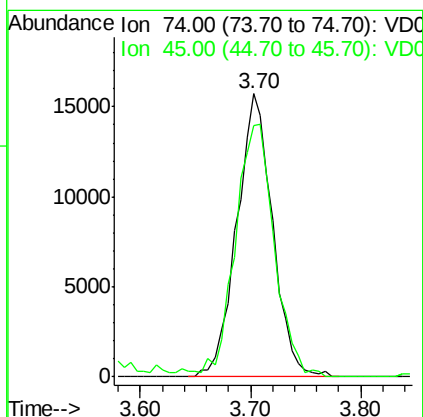
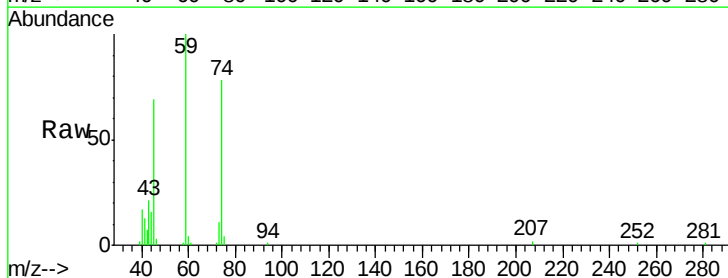
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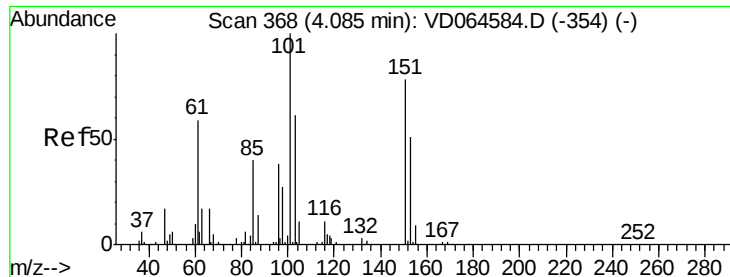


#8

Diethyl Ether
 Concen: 20.455 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	35712		
45	97.4	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.856 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064772.D

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MSVOA_D

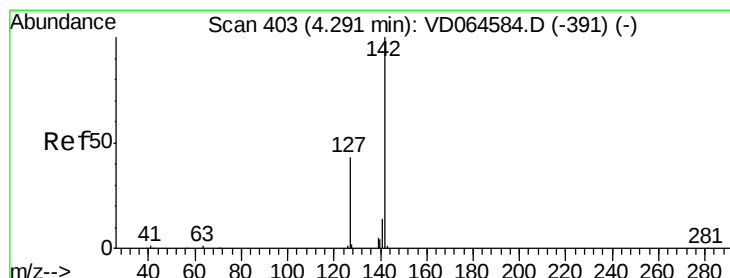
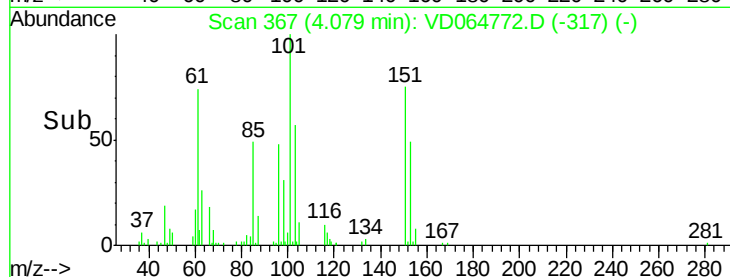
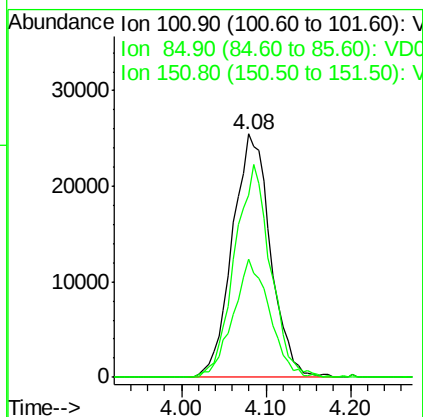
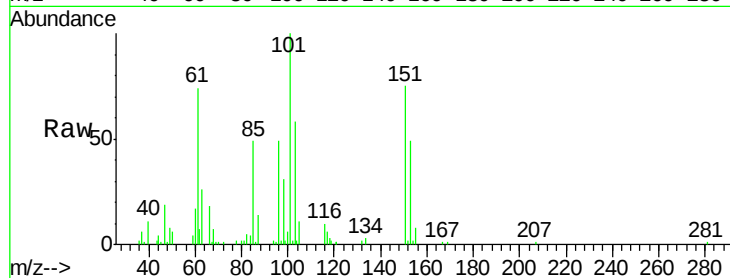
ClientSampleId :

VD0106SBS01

Tgt Ion:	101	Resp:	79581
Ion Ratio	Lower	Upper	
101	100		
85	46.5	35.2	52.8
151	82.6	66.2	99.4

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#10

Methyl Iodide

Concen: 20.040 ug/l

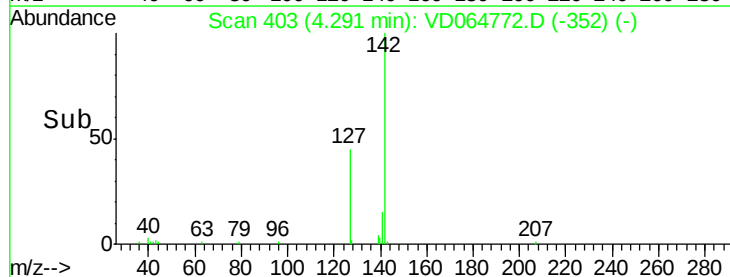
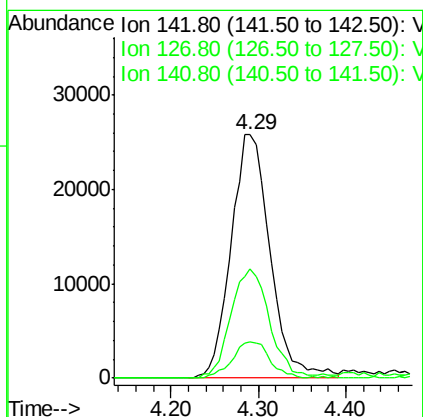
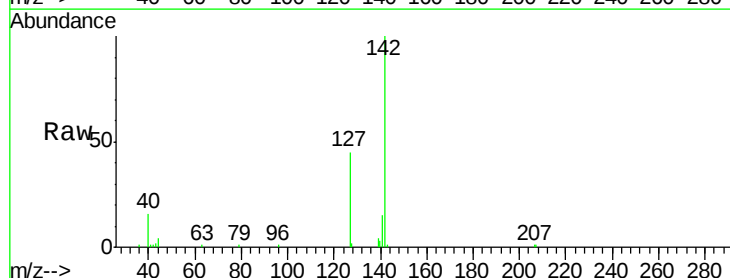
RT: 4.29 min Scan# 403

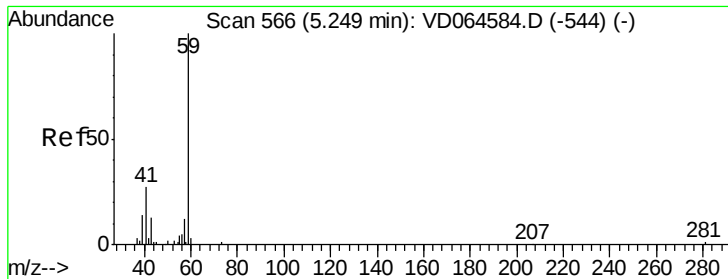
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	142	Resp:	78379
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.2	54.4
141	14.2	11.8	17.8





#11

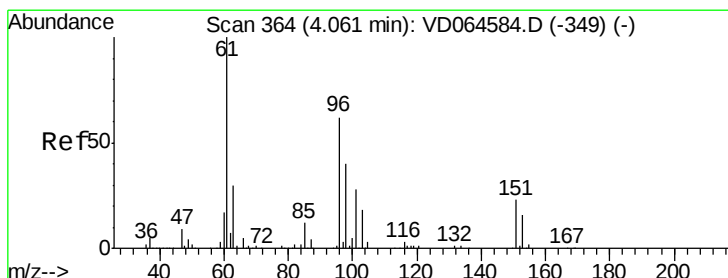
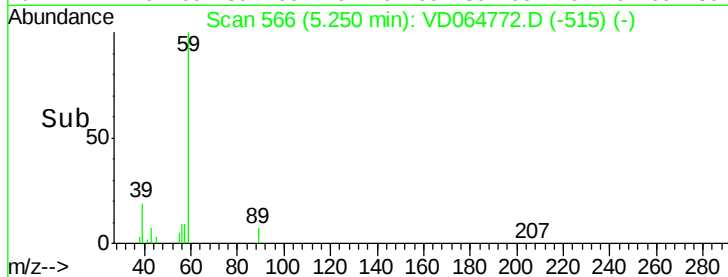
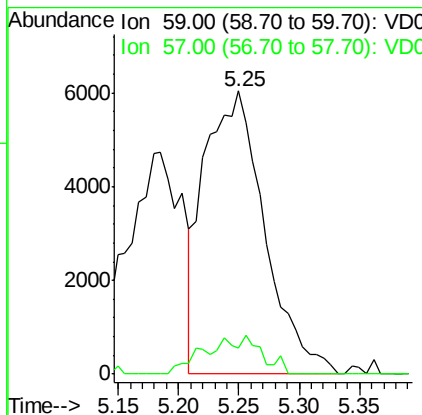
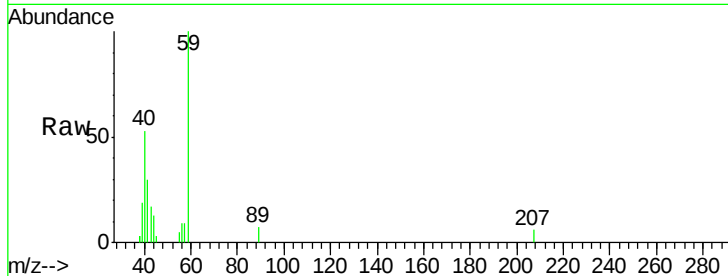
Tert butyl alcohol
 Concen: 105.168 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion: 59 Resp: 20941
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

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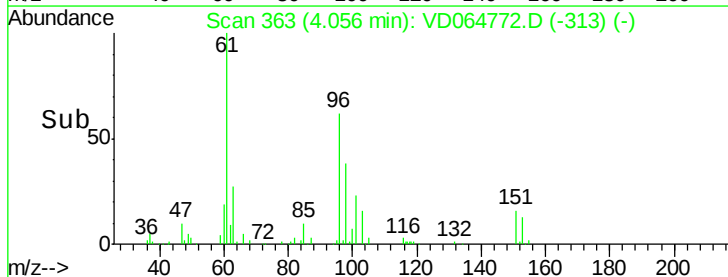
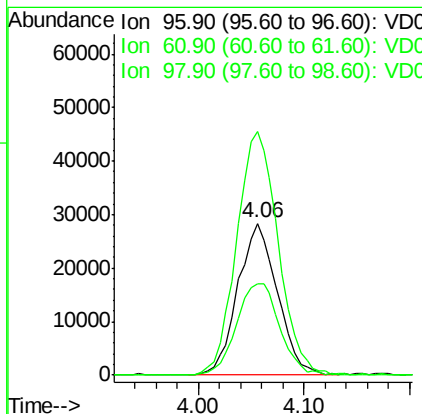
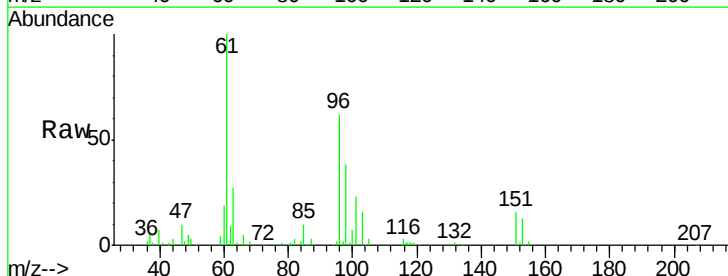
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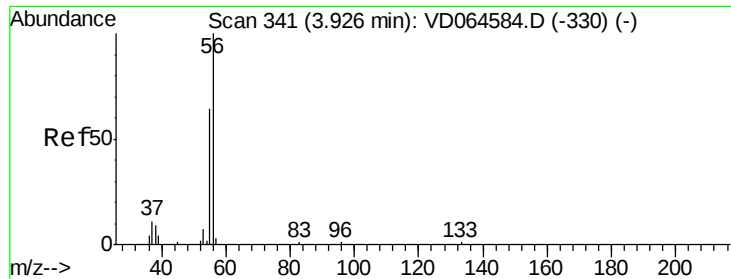


#12

1,1-Dichloroethene
 Concen: 21.260 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion: 96 Resp: 73697
 Ion Ratio Lower Upper
 96 100
 61 160.5 129.4 194.0
 98 60.5 51.4 77.0





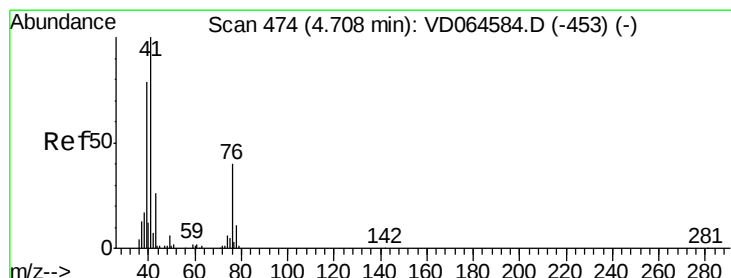
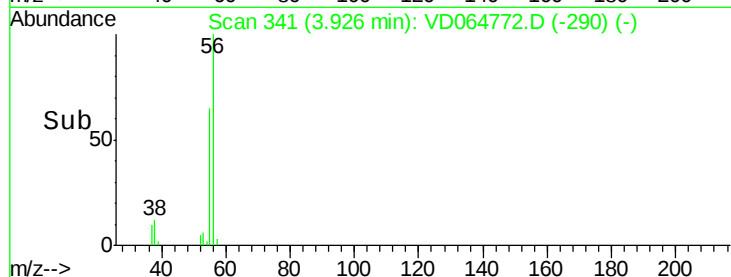
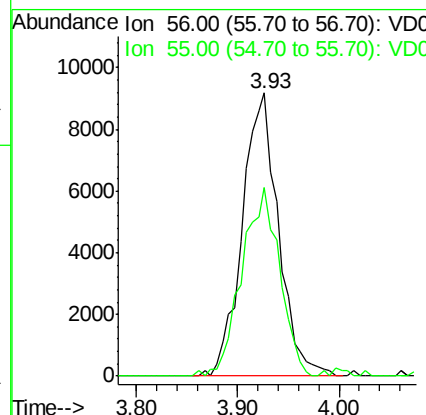
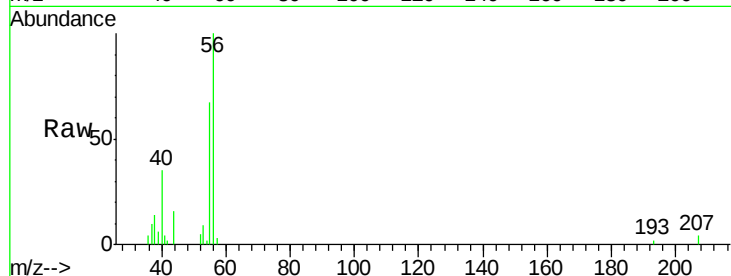
#13
Acrolein
Concen: 82.060 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 56 Resp: 22772
Ion Ratio Lower Upper
56 100
55 69.4 56.7 85.1

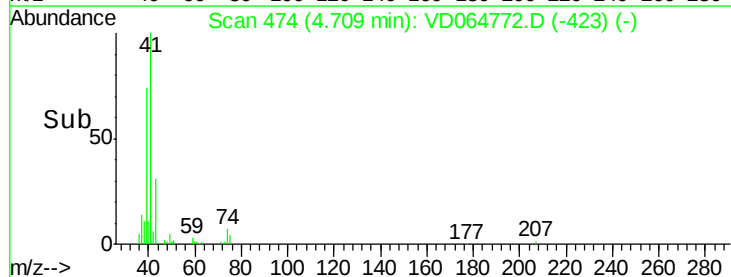
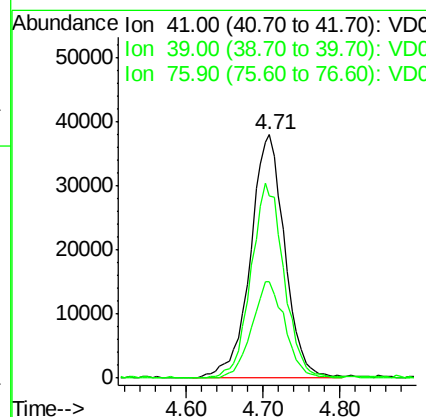
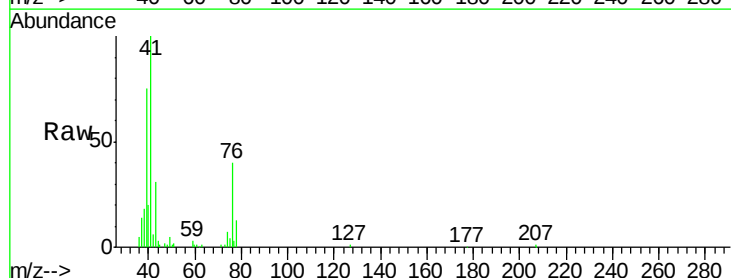
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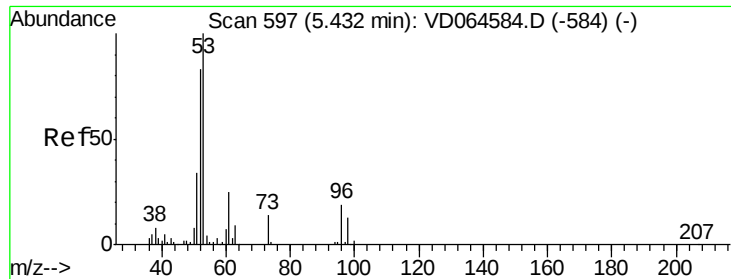
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#14
Allyl chloride
Concen: 21.920 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 41 Resp: 118474
Ion Ratio Lower Upper
41 100
39 76.9 62.3 93.5
76 38.3 29.7 44.5





#15

Acrylonitrile

Concen: 106.653 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

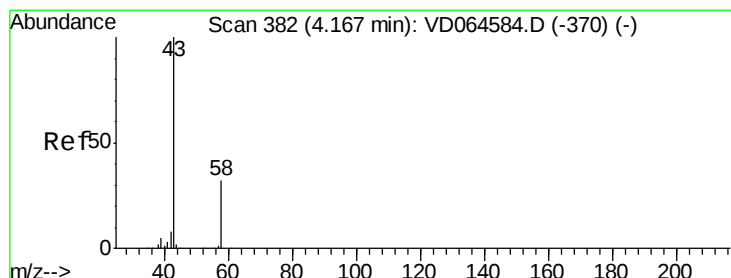
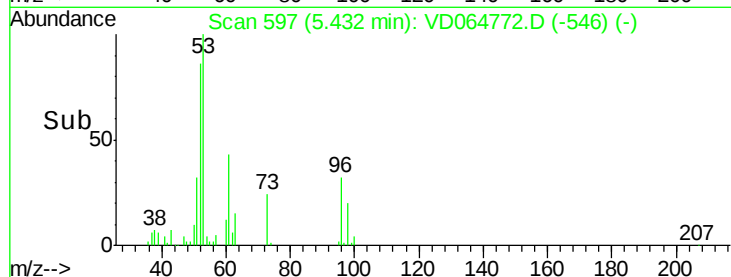
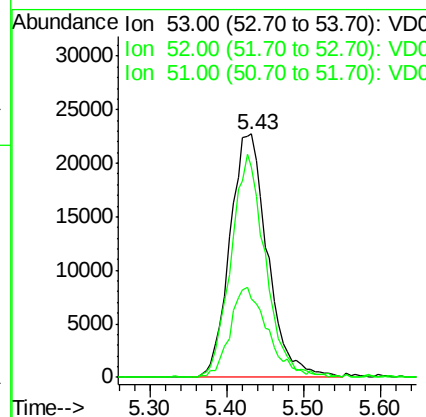
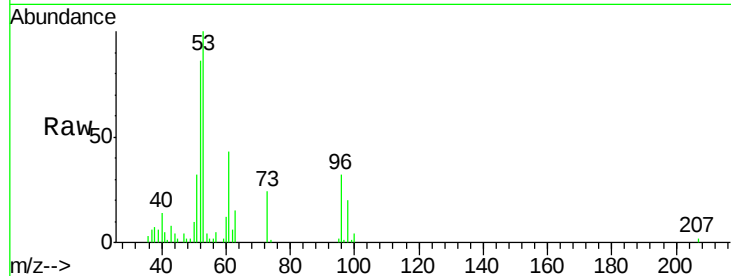
ClientSampleId :

VD0106SBS01

Tgt Ion:	53	Resp:	77560
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	37.3	30.1	45.1

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#16

Acetone

Concen: 104.692 ug/l

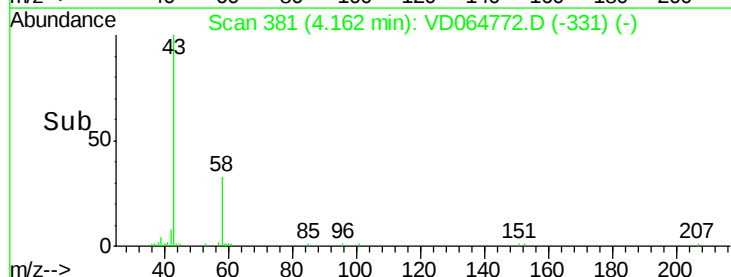
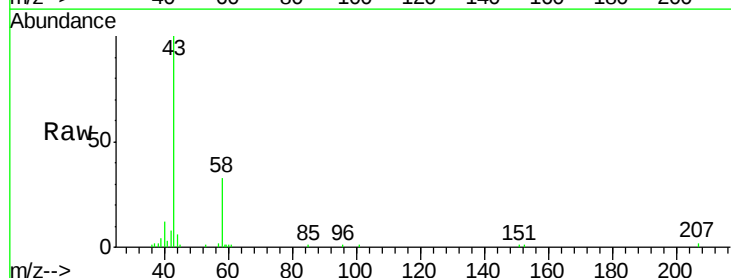
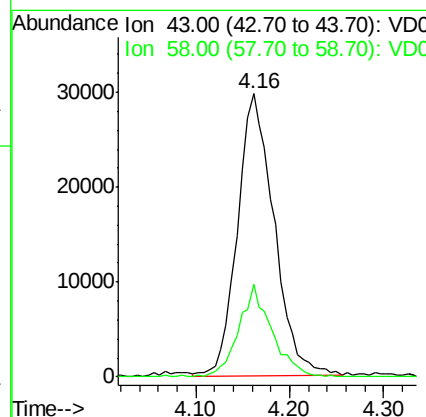
RT: 4.16 min Scan# 381

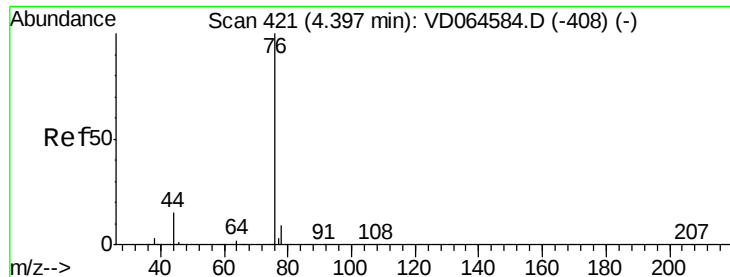
Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	43	Resp:	80112
Ion Ratio	Lower	Upper	
43	100		
58	32.9	25.8	38.6





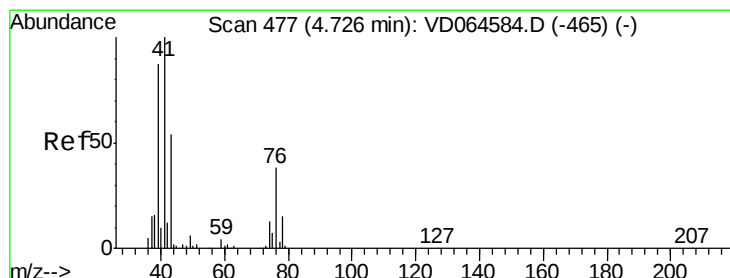
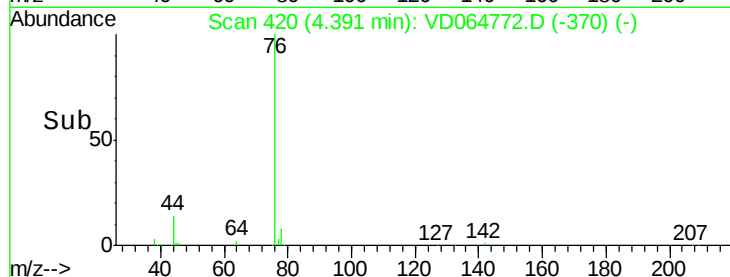
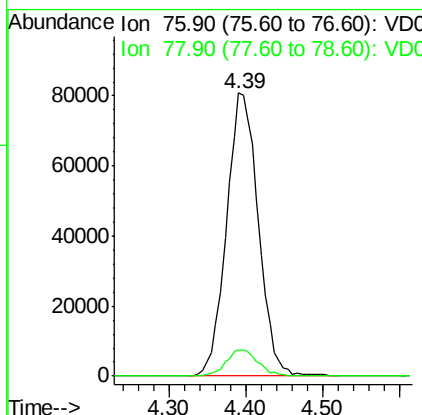
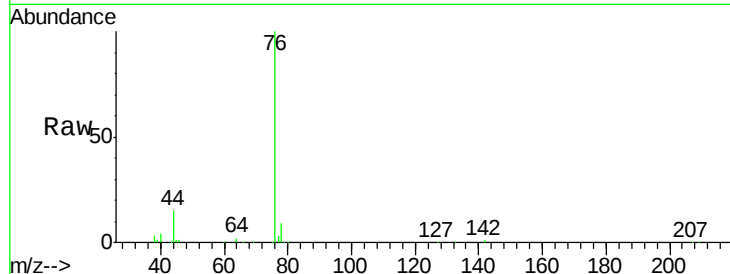
#17
Carbon Disulfide
Concen: 20.756 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

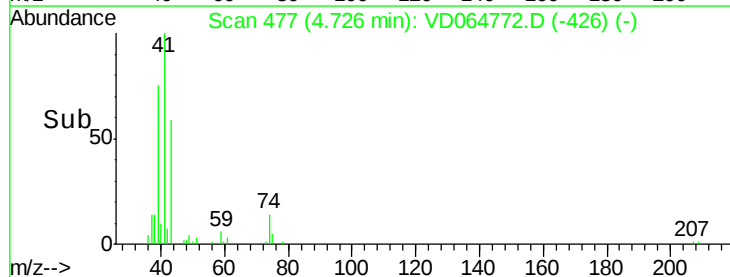
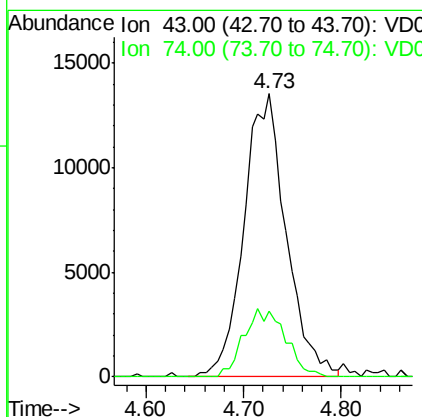
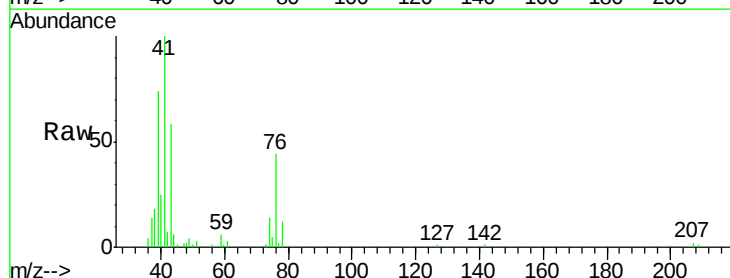
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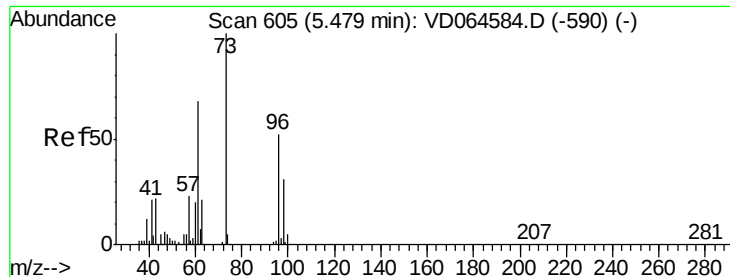
apatel
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#18
Methyl Acetate
Concen: 20.883 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.2	28.8





#19

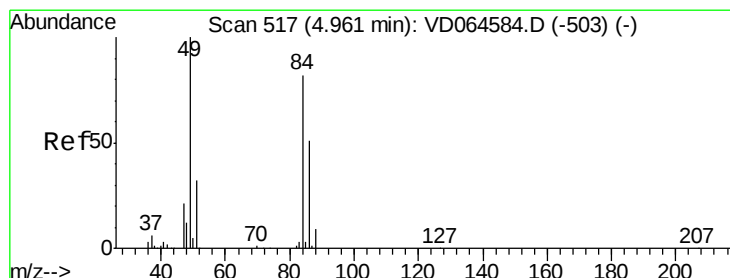
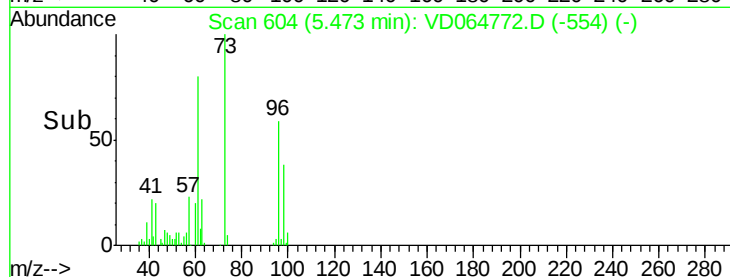
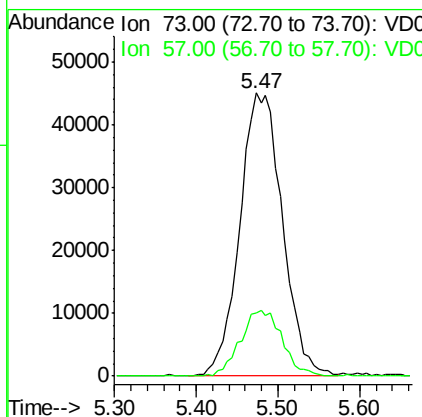
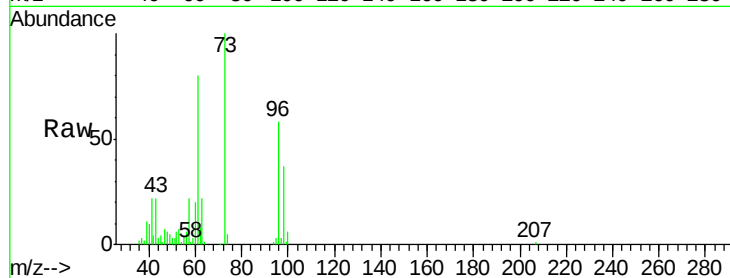
Methyl tert-butyl Ether
 Concen: 21.141 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion: 73 Resp: 162778
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.6 27.8

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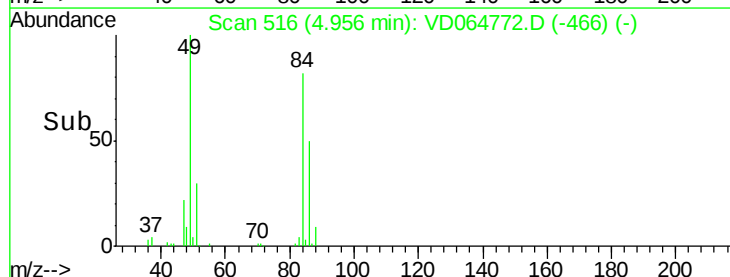
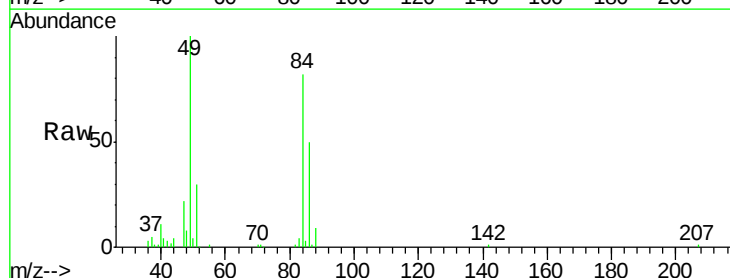
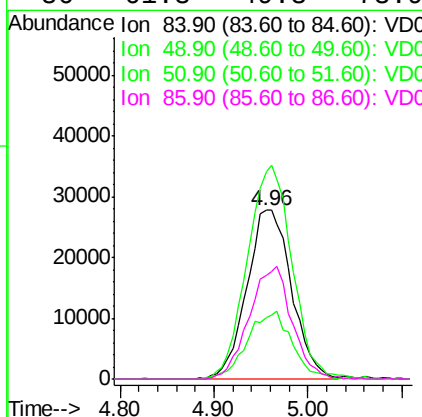
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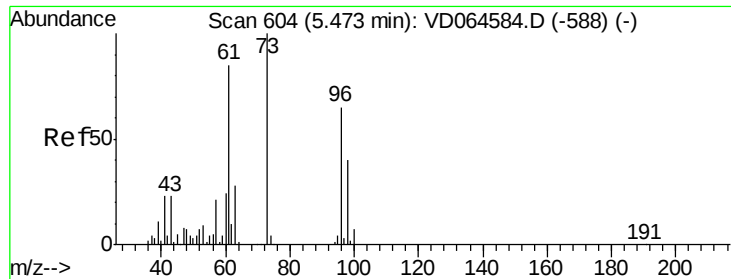


#20

Methylene Chloride
 Concen: 23.134 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion: 84 Resp: 91536
 Ion Ratio Lower Upper
 84 100
 49 122.5 97.2 145.8
 51 36.5 31.4 47.0
 86 61.3 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 21.117 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

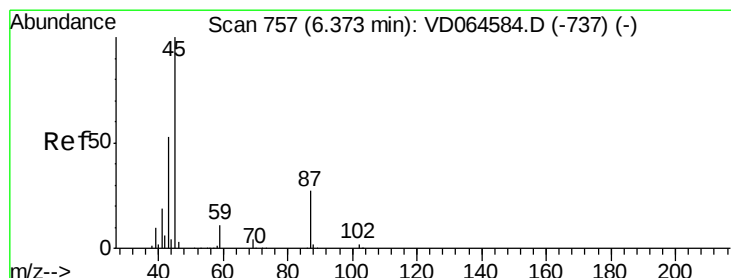
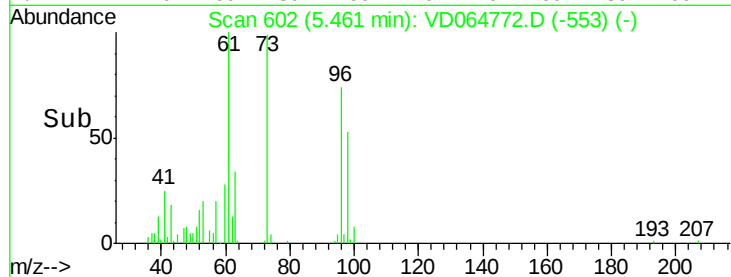
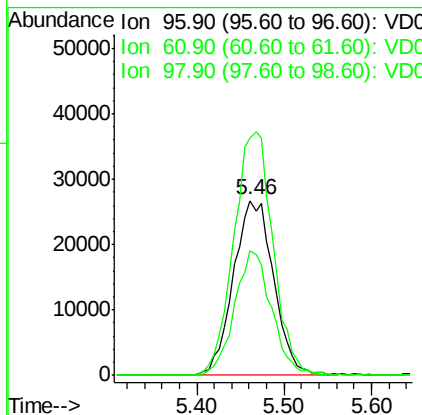
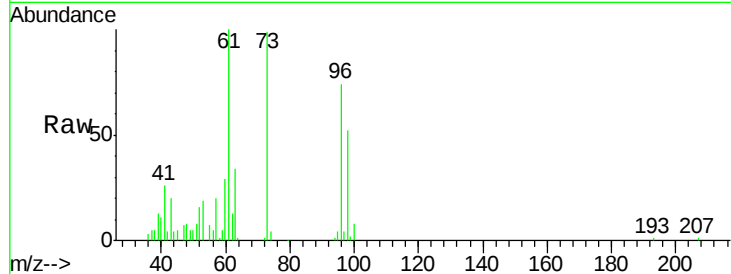
ClientSampleId :

VD0106SBS01

Tgt Ion:	96	Resp:	83365
Ion	Ratio	Lower	Upper
96	100		
61	135.7	104.7	157.1
98	71.1	49.4	74.2

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#22

Diisopropyl ether

Concen: 21.538 ug/l

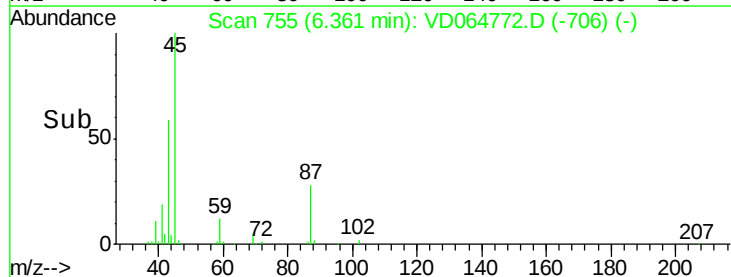
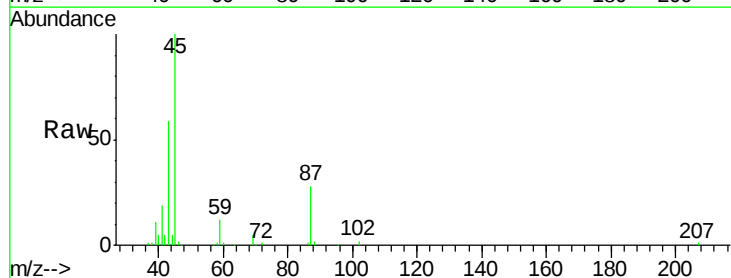
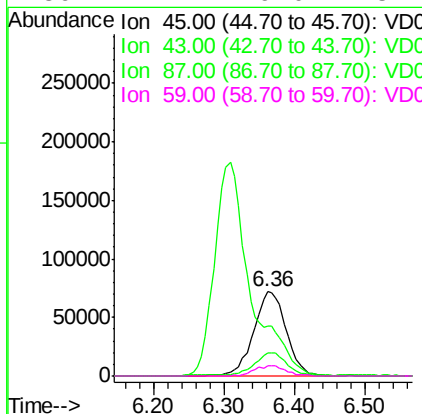
RT: 6.36 min Scan# 755

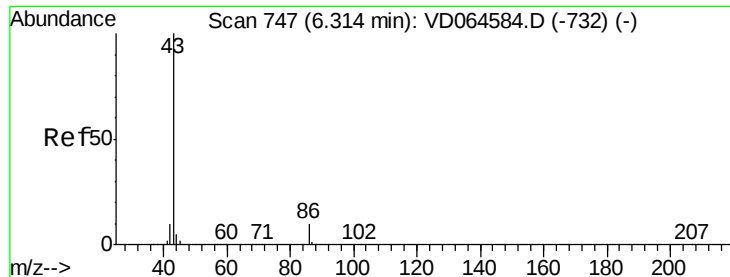
Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	45	Resp:	232185
Ion	Ratio	Lower	Upper
45	100		
43	57.2	43.2	64.8
87	28.0	21.9	32.9
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 105.208 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 43 Resp: 643369

Ion Ratio Lower Upper

43 100

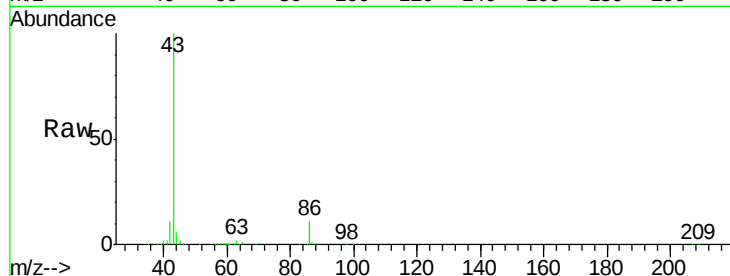
86 11.0 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

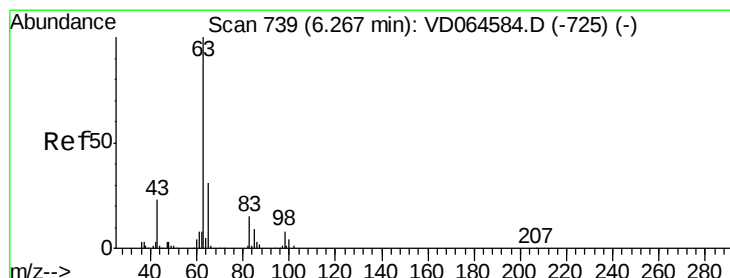
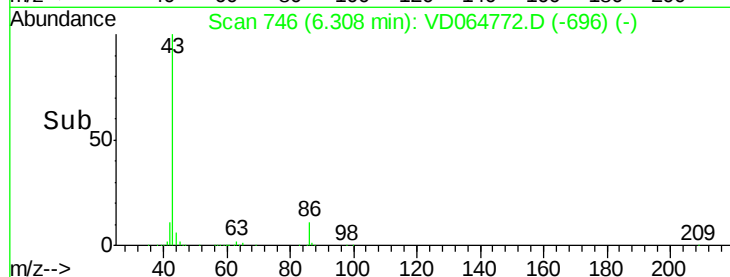
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.342 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

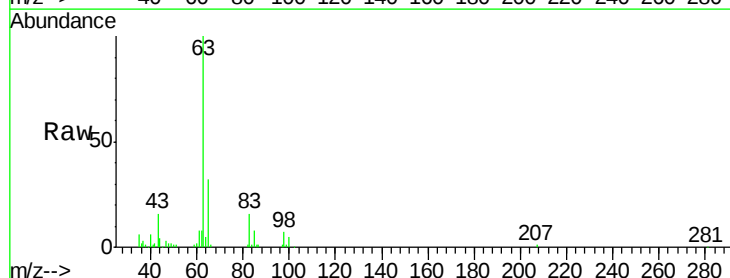
Tgt Ion: 63 Resp: 144591

Ion Ratio Lower Upper

63 100

98 7.5 4.1 12.3

100 4.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

60000

50000

40000

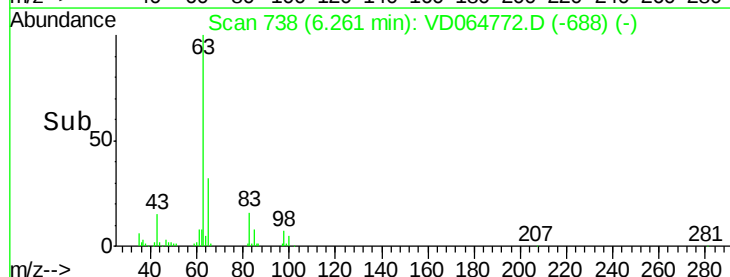
30000

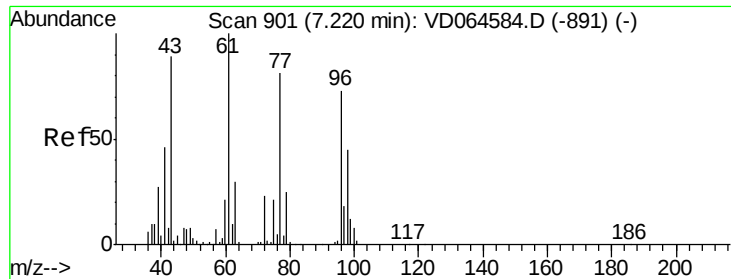
20000

10000

0

Time-->





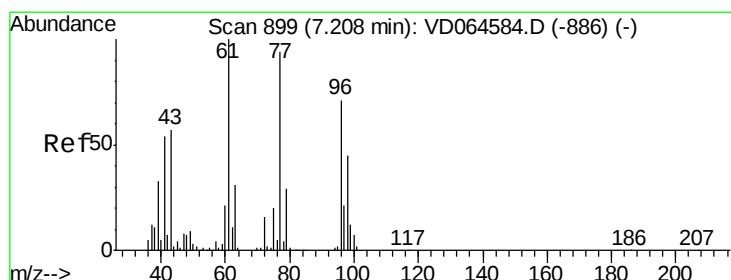
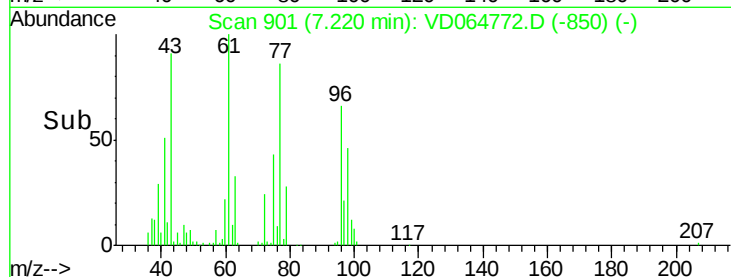
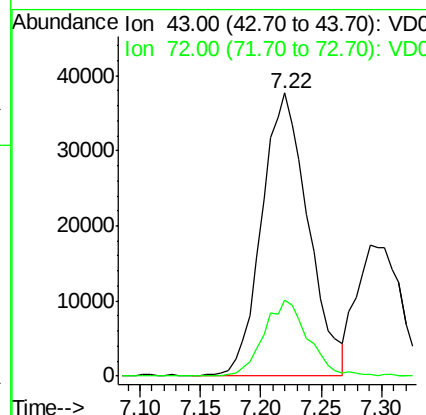
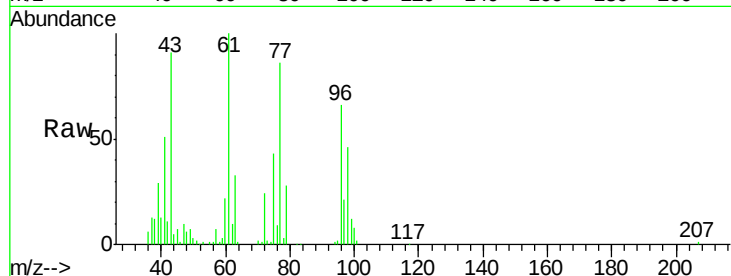
#25
2-Butanone
Concen: 105.678 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 43 Resp: 100926
Ion Ratio Lower Upper
43 100
72 26.9 20.7 31.1

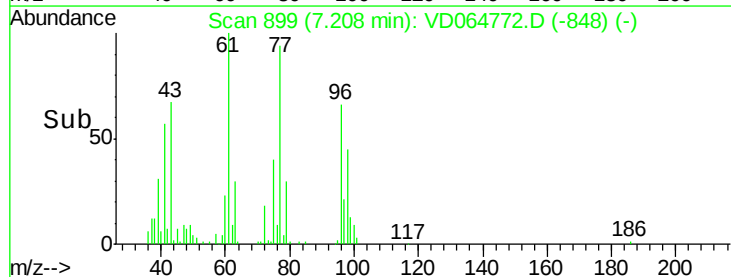
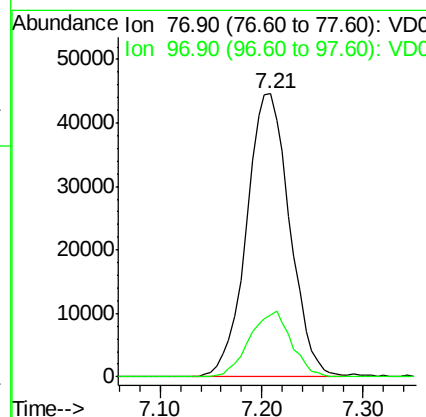
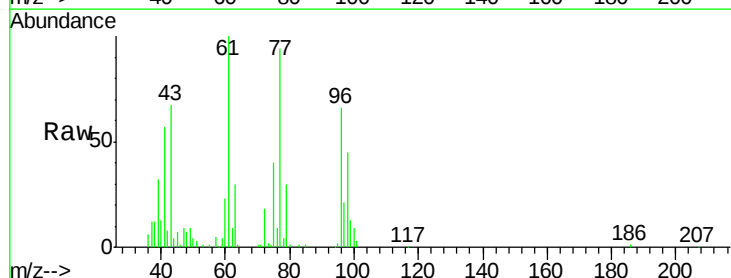
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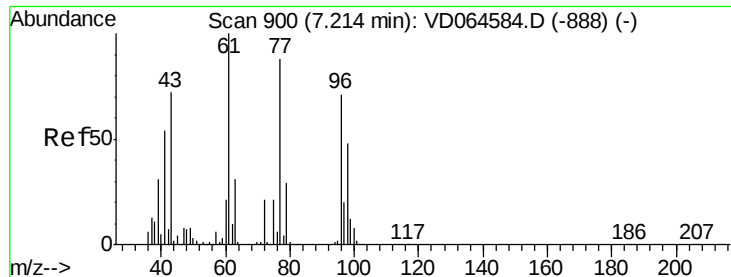
apatel
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#26
2,2-Dichloropropane
Concen: 21.979 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 77 Resp: 132251
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.590 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

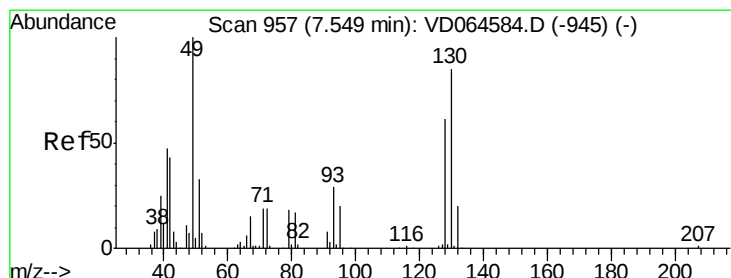
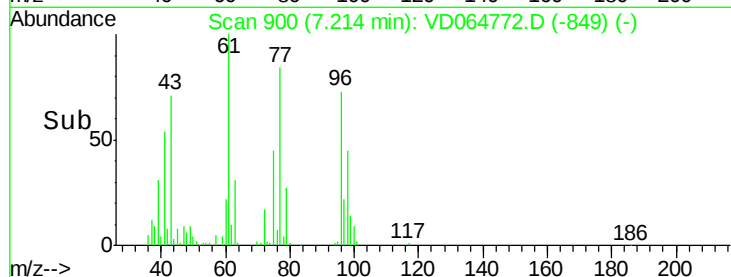
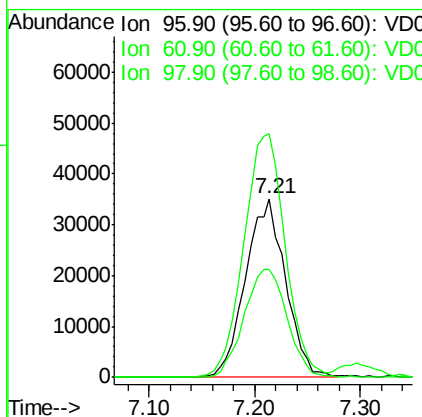
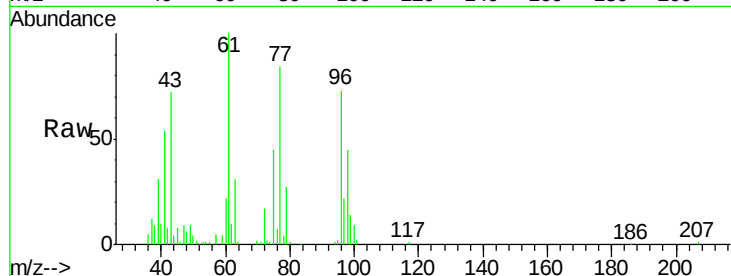
ClientSampleId :

VD0106SBS01

Tgt Ion:	96	Resp:	91985
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	282.6
98	65.1	0.0	130.8

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#28

Bromochloromethane

Concen: 19.700 ug/l

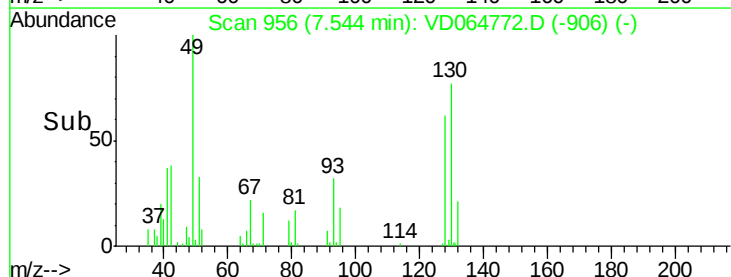
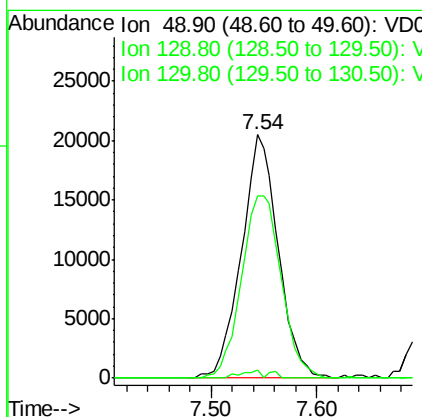
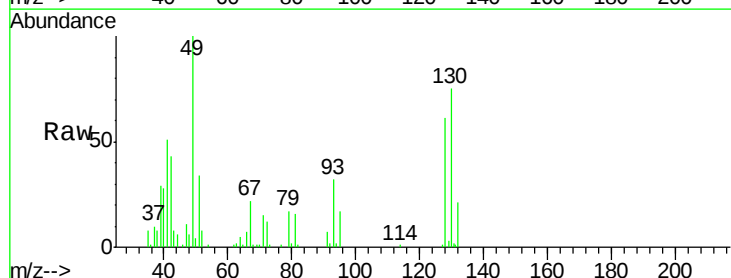
RT: 7.54 min Scan# 956

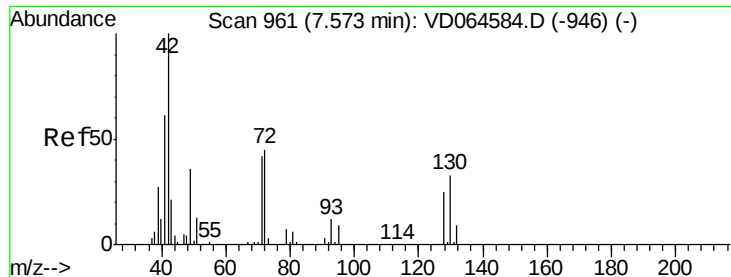
Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	49	Resp:	49561
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	80.9	65.0	97.6





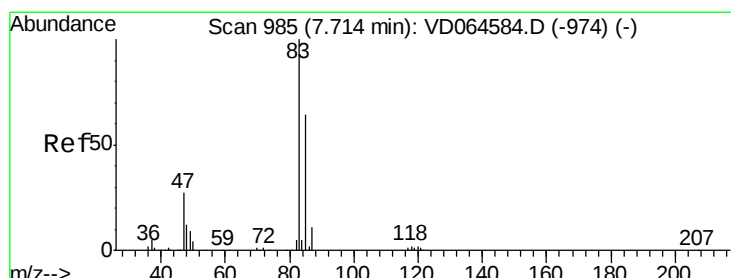
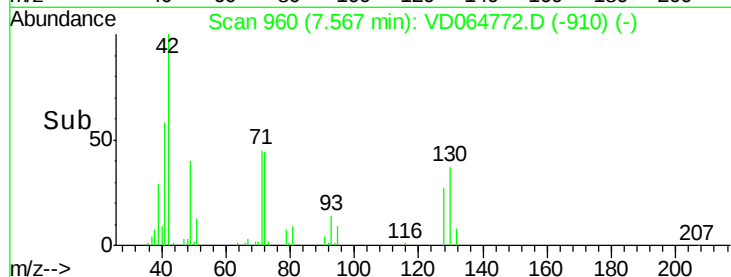
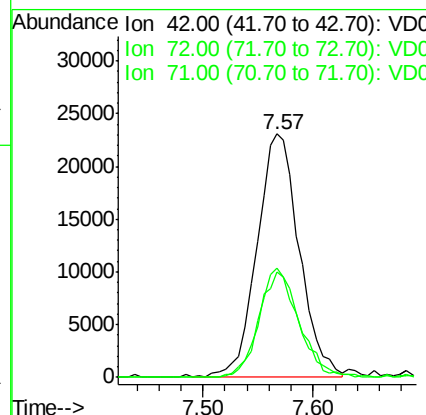
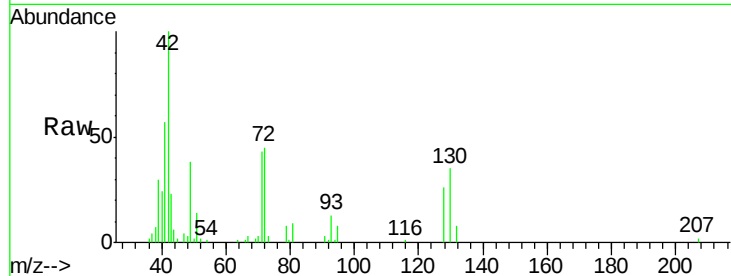
#29
Tetrahydrofuran
Concen: 103.788 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.7	35.0	52.4
71	41.1	32.9	49.3

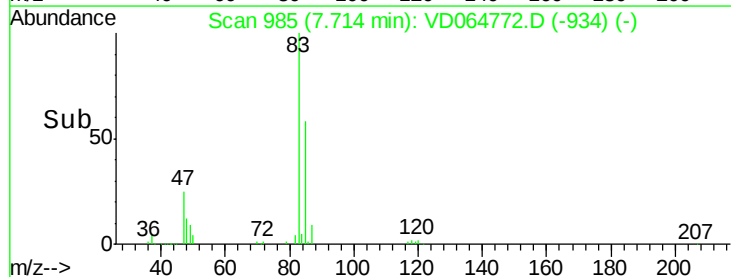
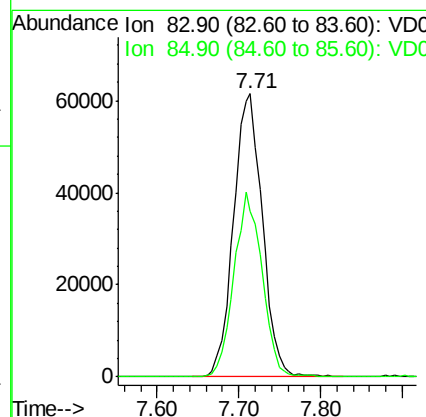
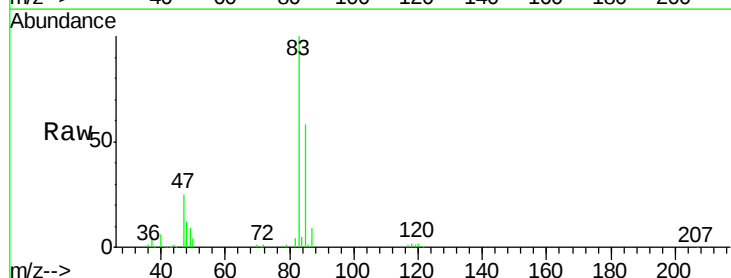
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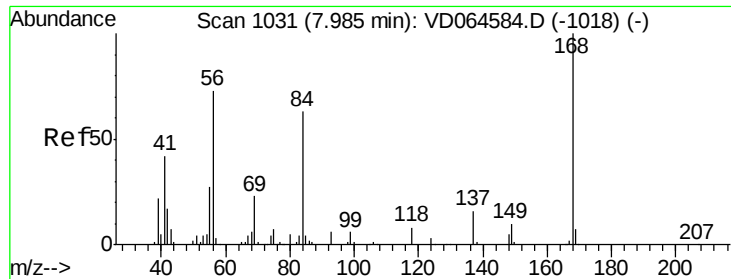
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#30
Chloroform
Concen: 22.223 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.5	51.1	76.7





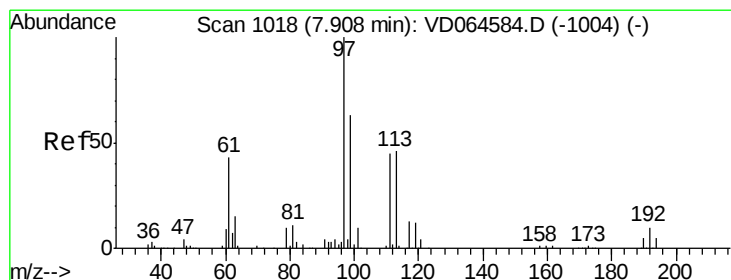
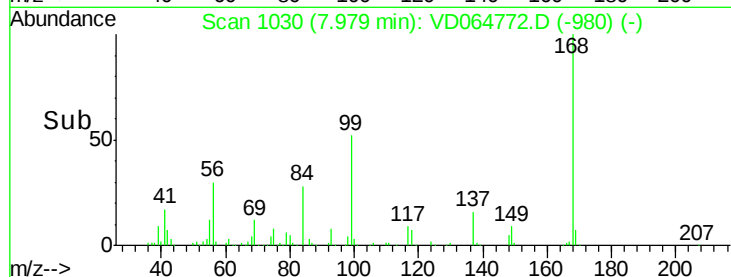
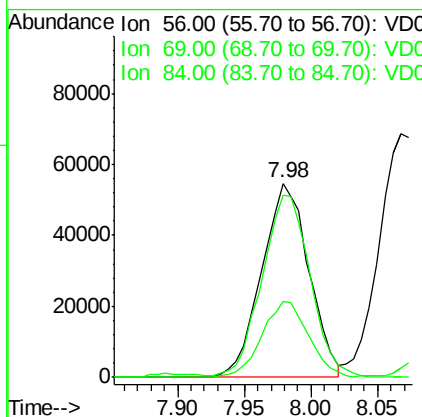
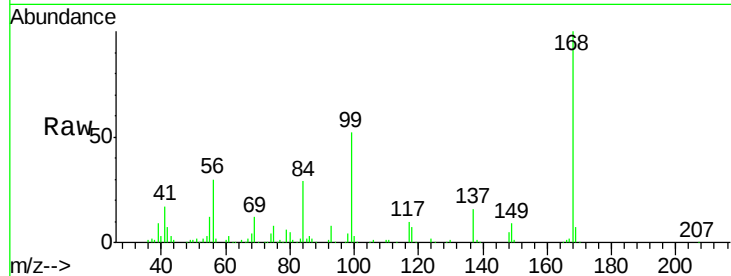
#31
Cyclohexane
Concen: 20.699 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 56 Resp: 134089
Ion Ratio Lower Upper
56 100
69 39.4 24.7 37.1#
84 92.2 69.4 104.2

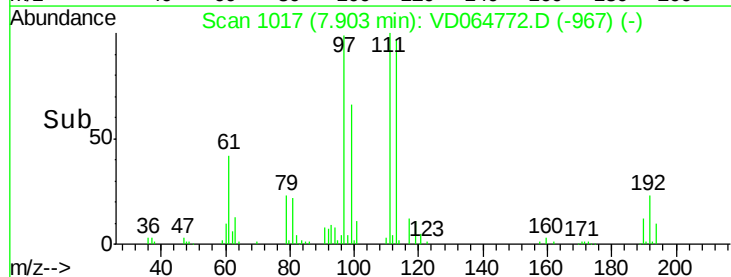
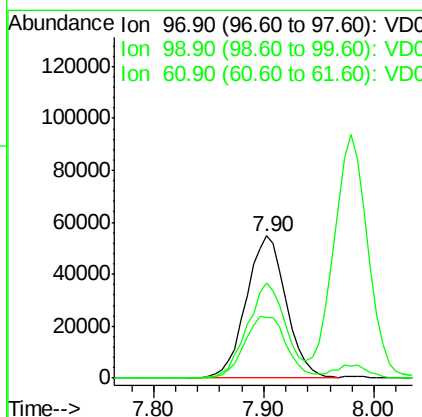
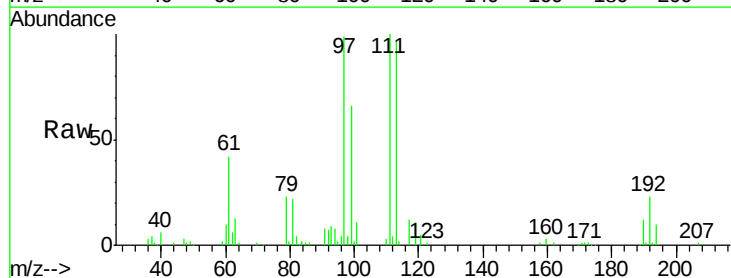
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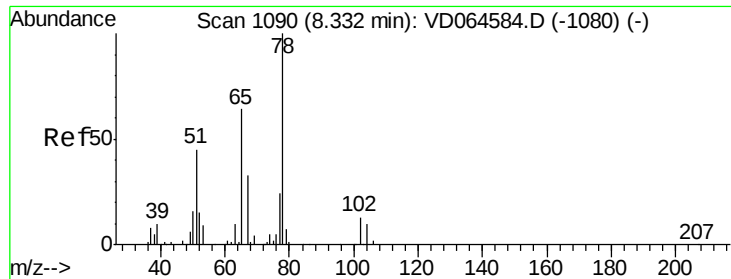
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#32
1,1,1-Trichloroethane
Concen: 21.713 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 97 Resp: 138474
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 45.5 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 54.372 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 65 Resp: 188910

Ion Ratio Lower Upper

65 100

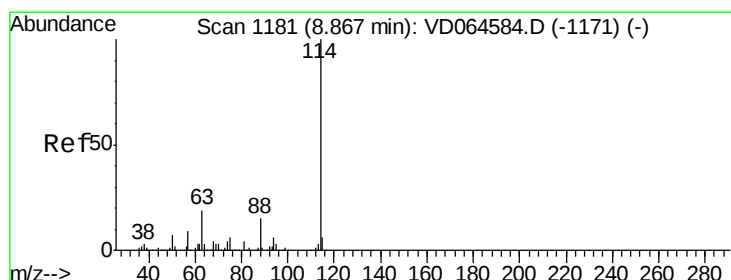
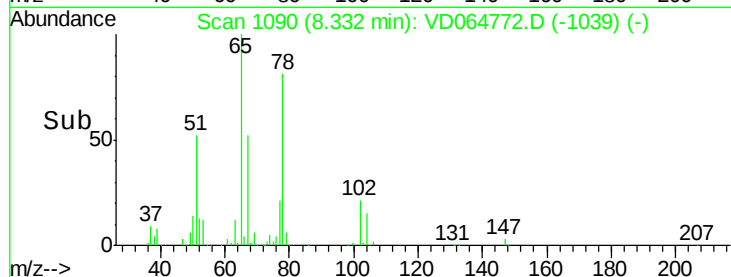
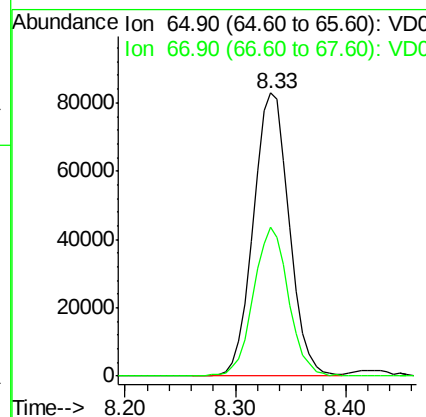
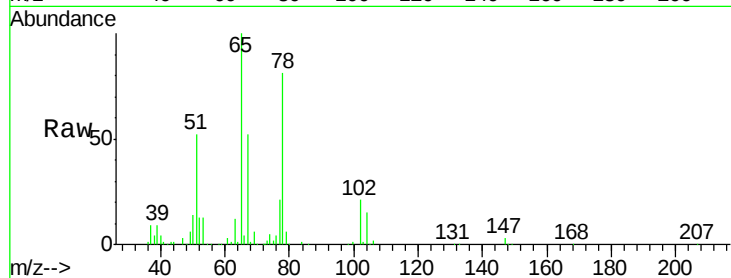
67 51.5 0.0 106.2

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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: VD064772.D

Acq: 06 Jan 2020 14:48

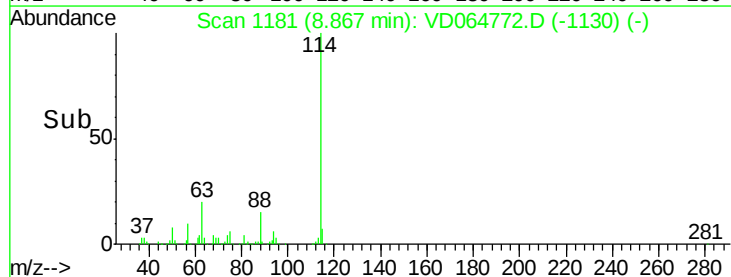
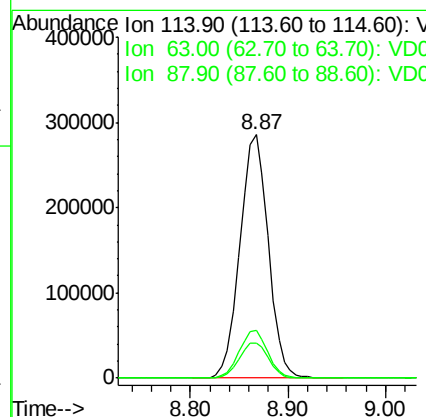
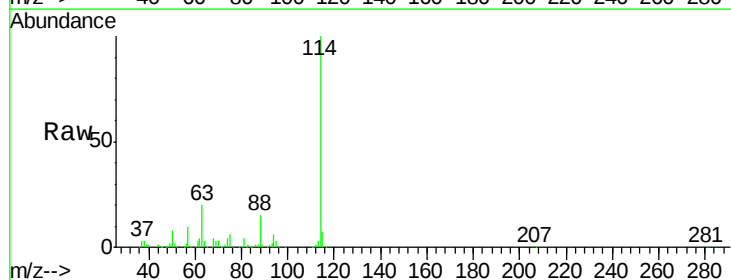
Tgt Ion: 114 Resp: 576551

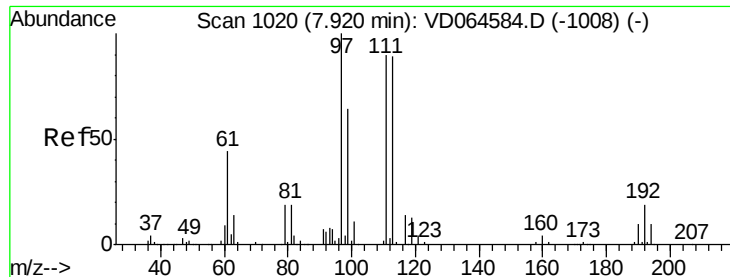
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.6 0.0 29.2





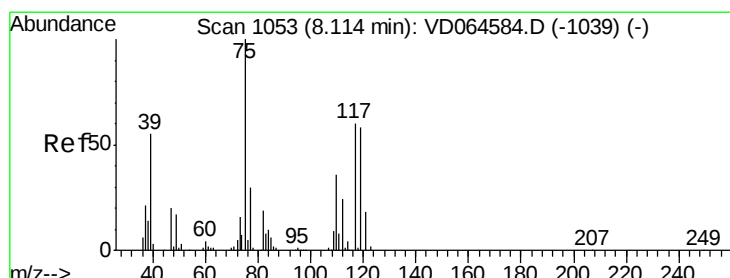
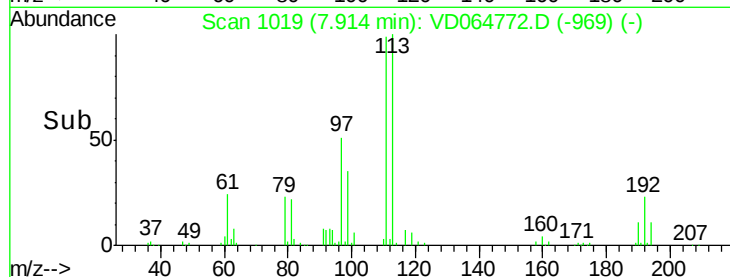
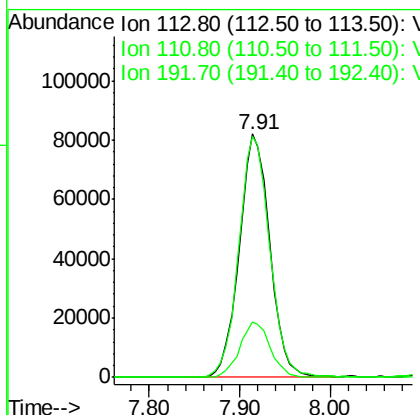
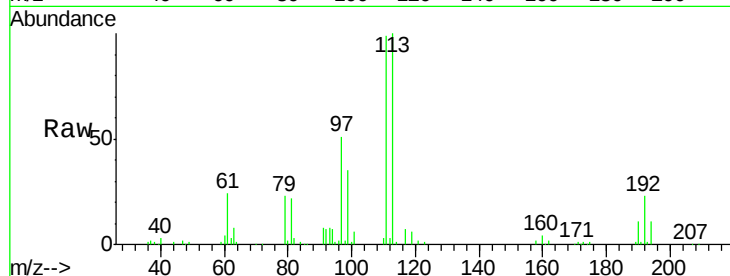
#35
 Dibromofluoromethane
 Concen: 54.173 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	191622		
111	101.0	80.6	121.0	
192	22.5	17.9	26.9	

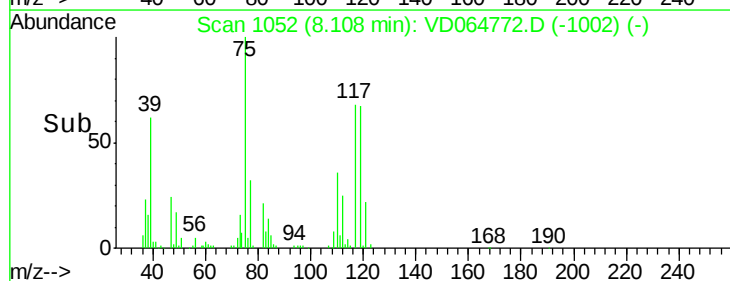
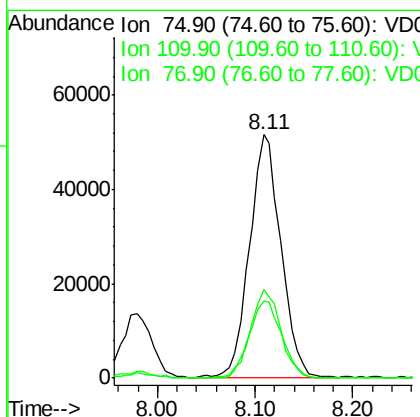
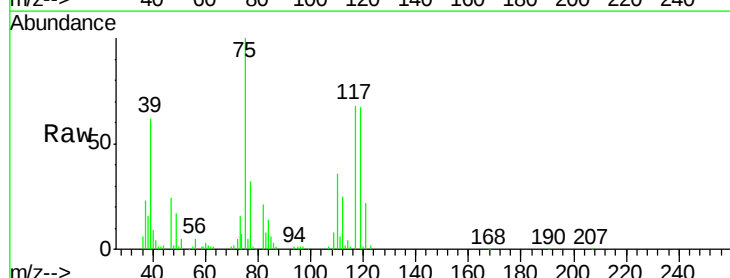
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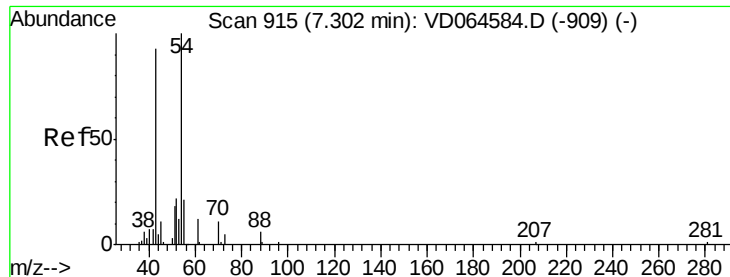
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#36
 1,1-Dichloropropene
 Concen: 21.129 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117252		
110	35.0	18.1	54.1	
77	32.8	24.2	36.4	





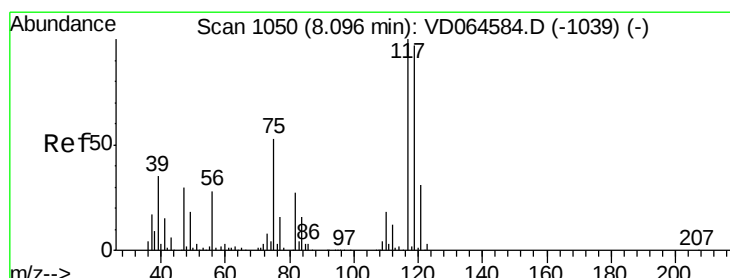
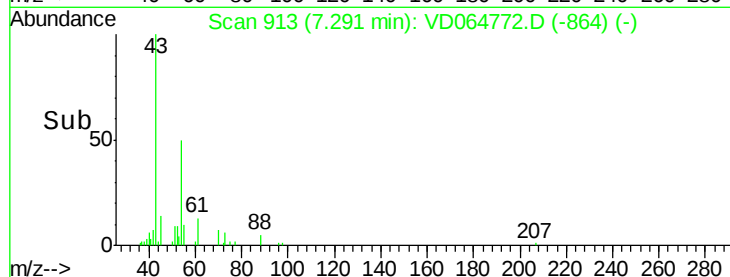
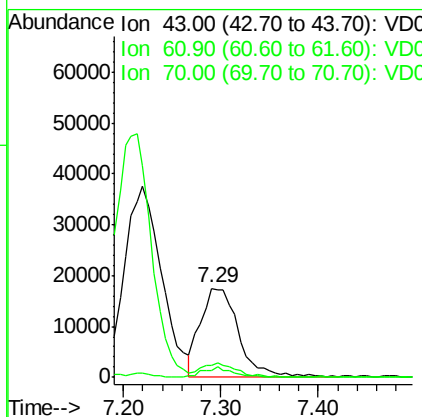
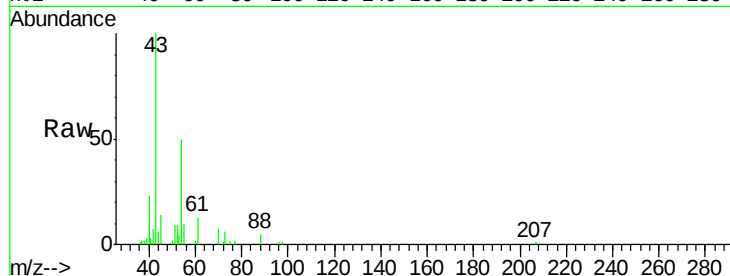
#37
Ethyl Acetate
Concen: 21.382 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.3	15.5
70	9.1	7.6	11.4

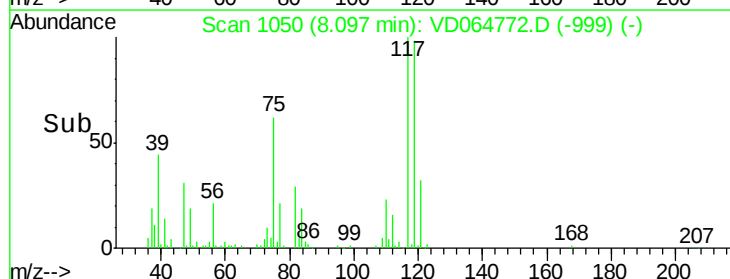
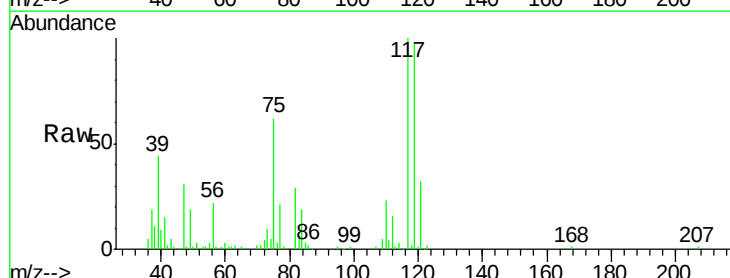
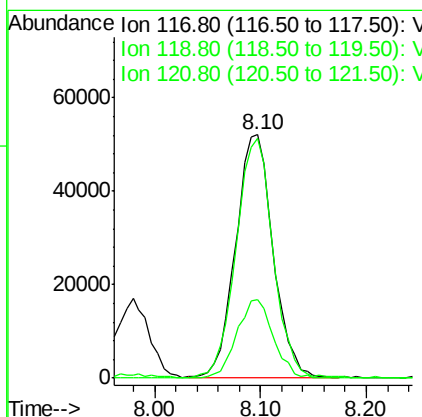
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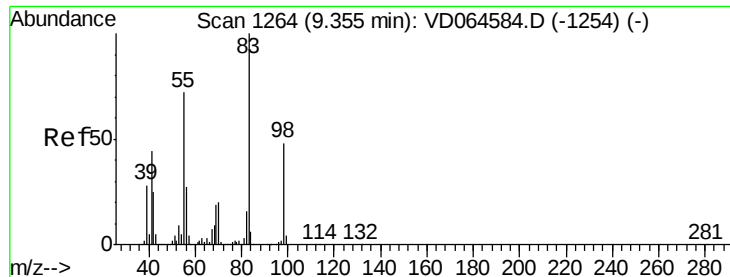
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#38
Carbon Tetrachloride
Concen: 21.505 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.3	115.9
121	32.2	25.0	37.6





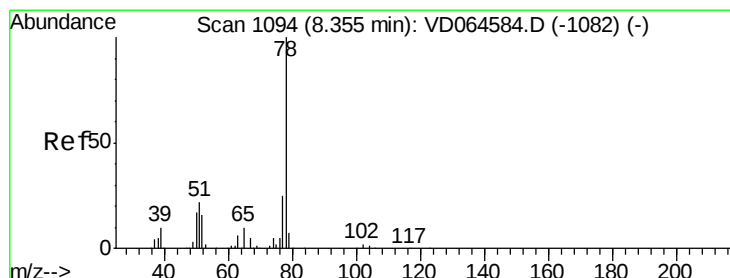
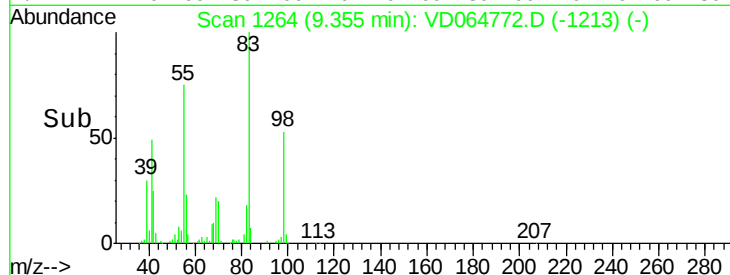
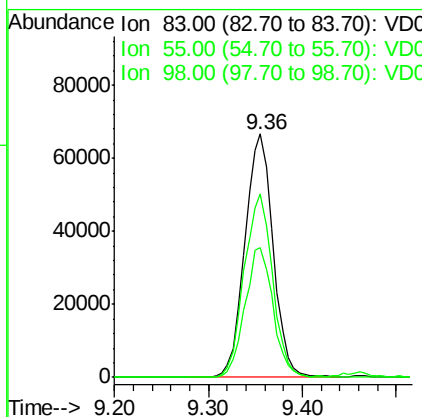
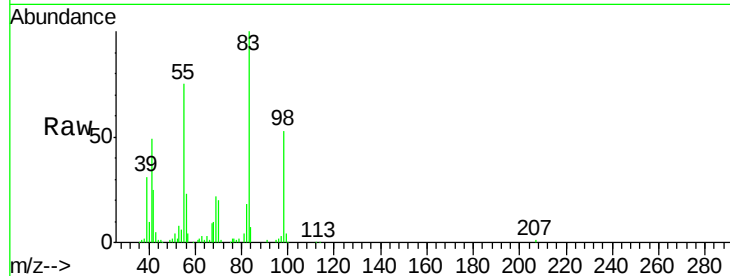
#39
Methylcyclohexane
Concen: 20.549 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.8	86.6
98	53.2	38.7	58.1

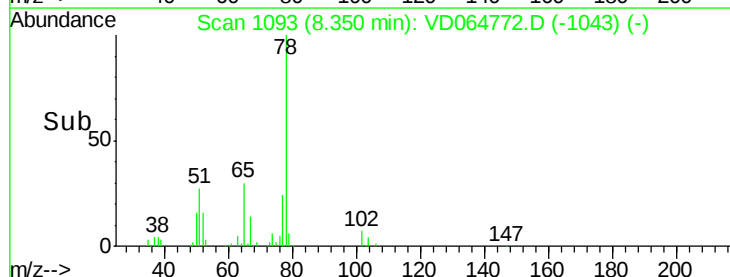
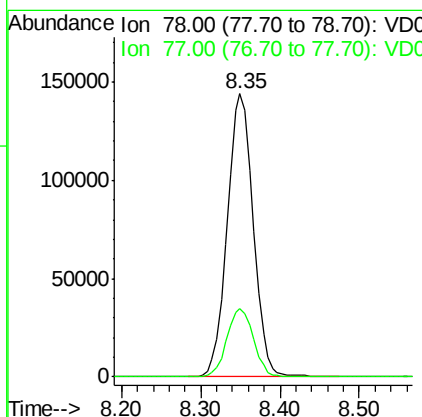
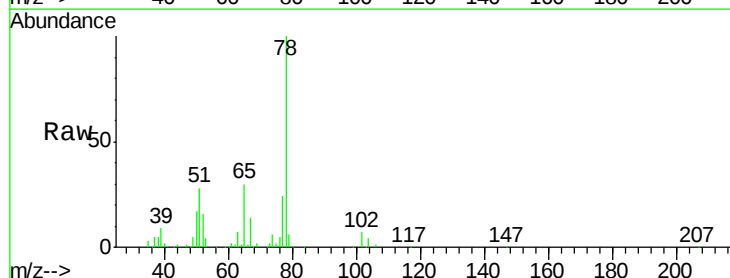
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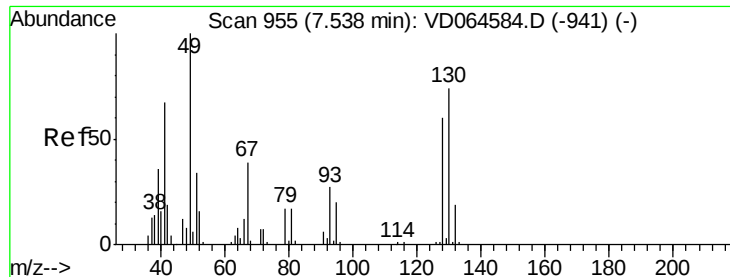
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#40
Benzene
Concen: 21.539 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.9	29.9





#41

Methacrylonitrile

Concen: 22.206 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 41 Resp: 28087

Ion Ratio Lower Upper

41 100

39 45.1 46.7 70.1#

67 68.4 52.5 78.7

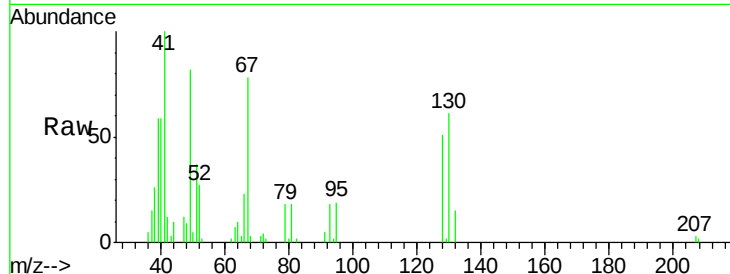
52 28.7 24.1 36.1

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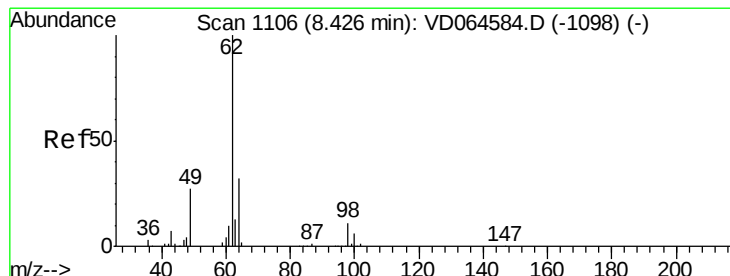
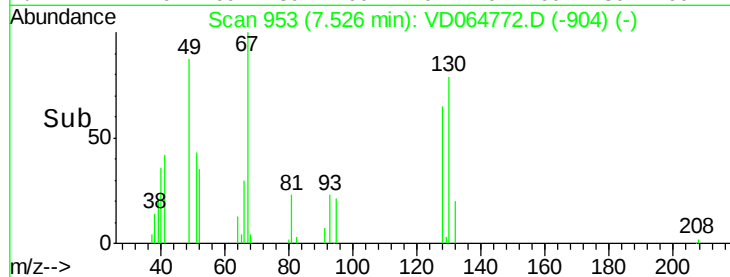
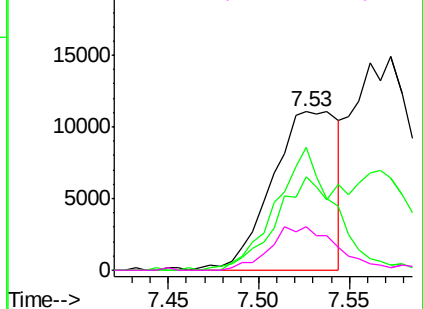


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.678 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD064772.D

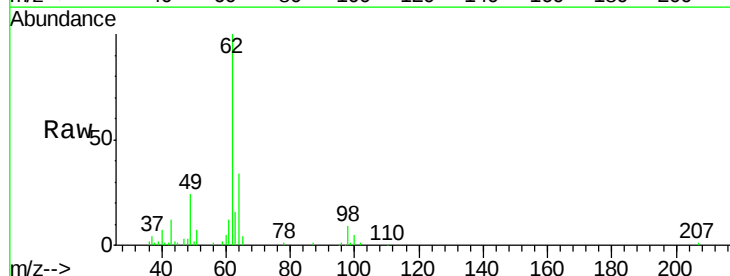
Acq: 06 Jan 2020 14:48

Tgt Ion: 62 Resp: 94900

Ion Ratio Lower Upper

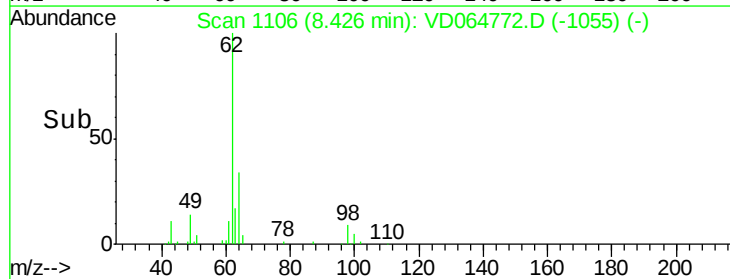
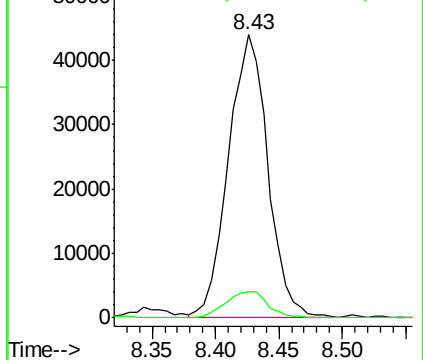
62 100

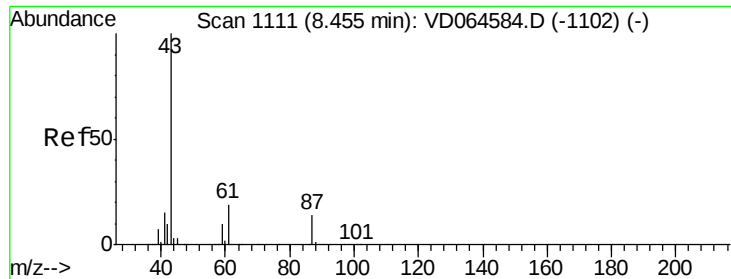
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.405 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

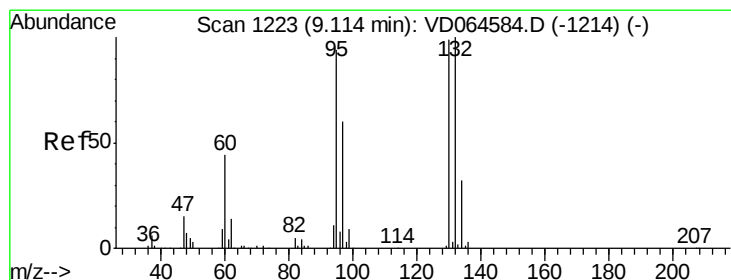
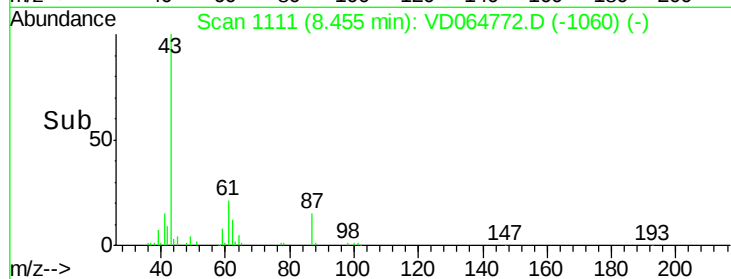
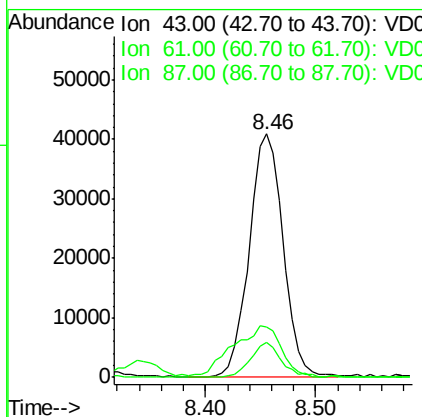
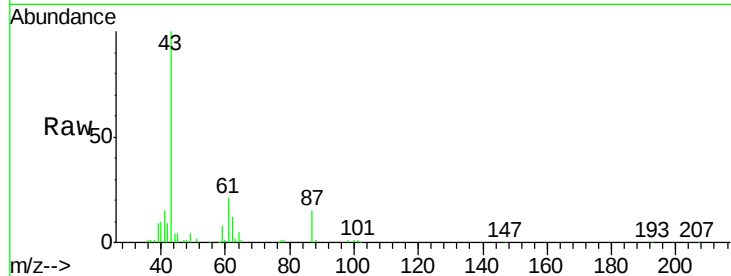
ClientSampleId :

VD0106SBS01

Tgt Ion:	43	Resp:	88542
Ion	Ratio	Lower	Upper
43	100		
61	30.4	23.7	35.5
87	13.0	10.5	15.7

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#44

Trichloroethene

Concen: 20.743 ug/l

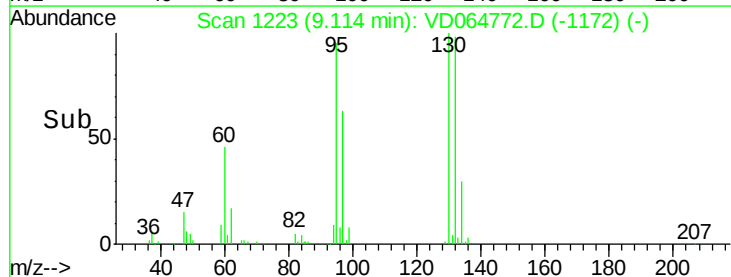
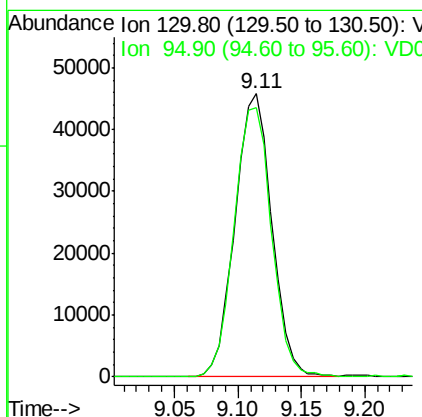
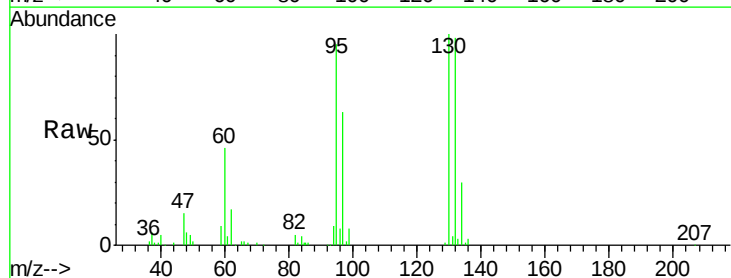
RT: 9.11 min Scan# 1223

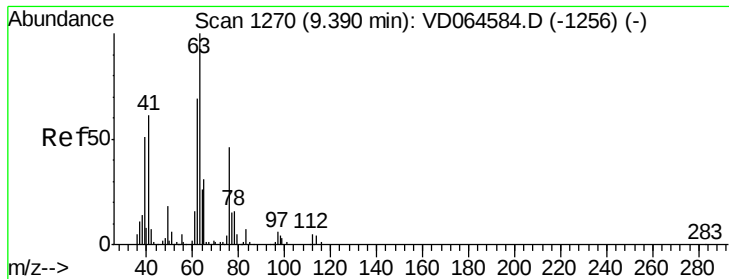
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	130	Resp:	92314
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.2





#45

1,2-Dichloropropane

Concen: 21.999 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 63 Resp: 79570

Ion Ratio Lower Upper

63 100

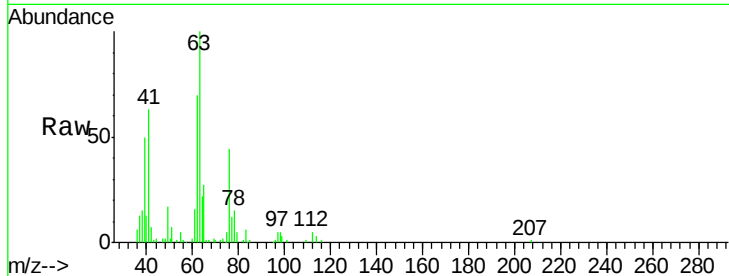
65 27.3 25.2 37.8

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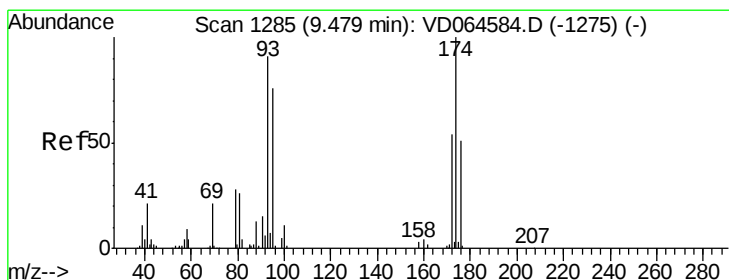
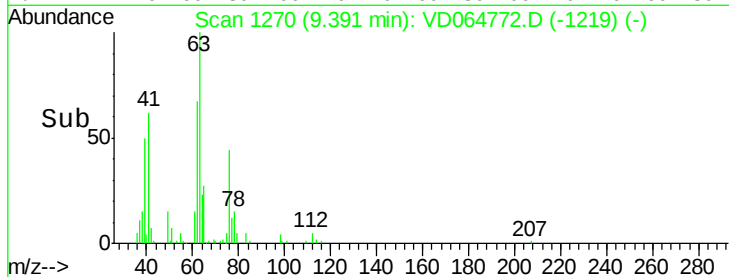
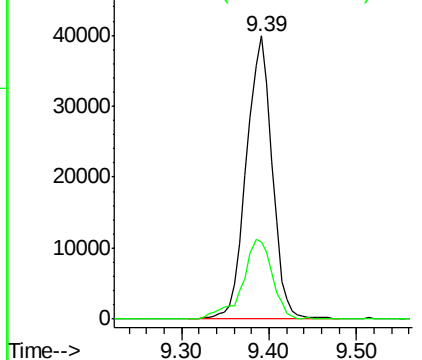
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.674 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

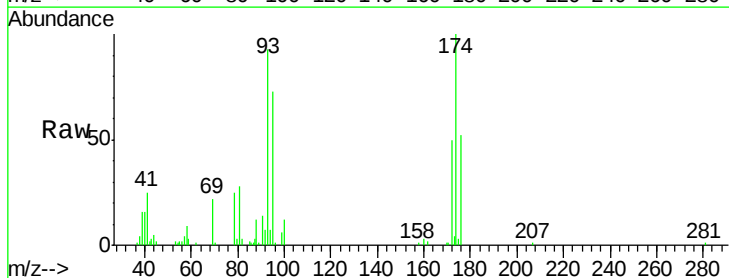
Tgt Ion: 93 Resp: 43707

Ion Ratio Lower Upper

93 100

95 80.4 64.6 97.0

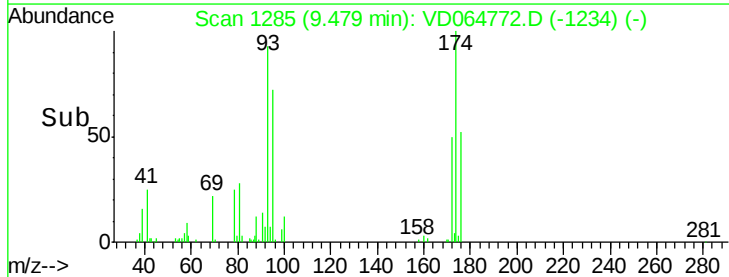
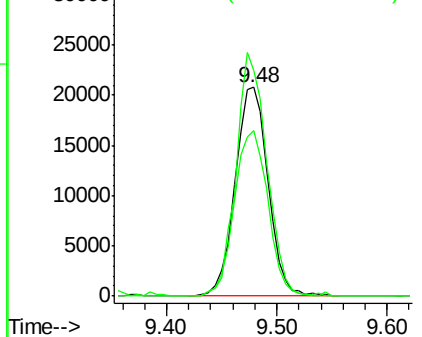
174 108.8 88.1 132.1

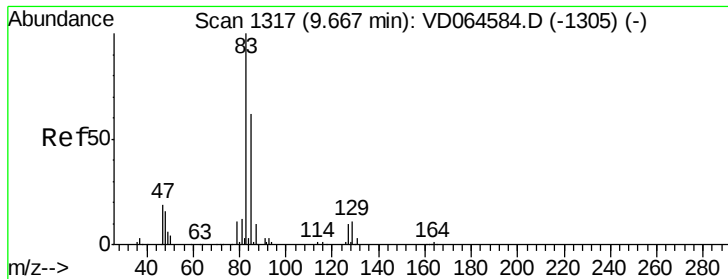


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.426 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

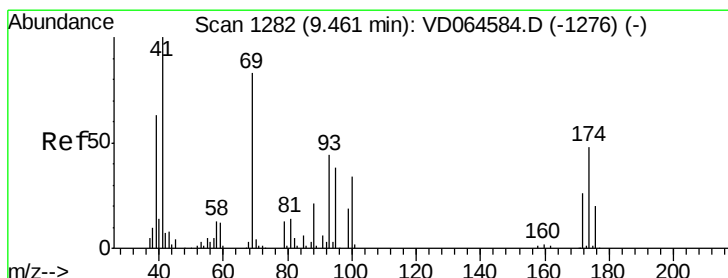
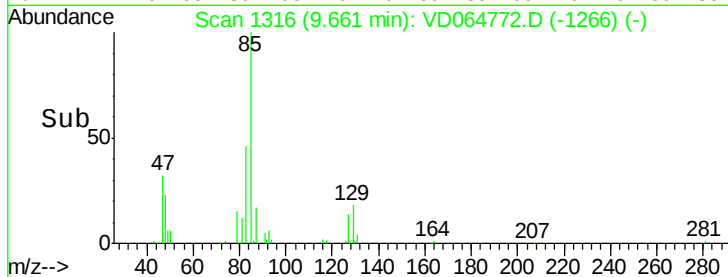
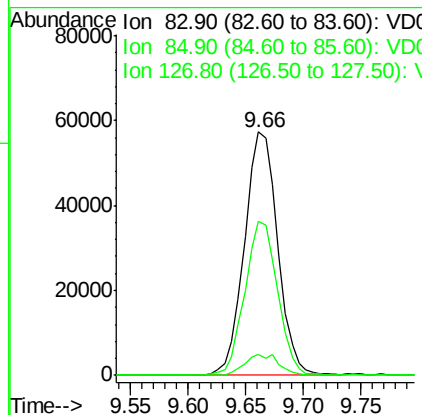
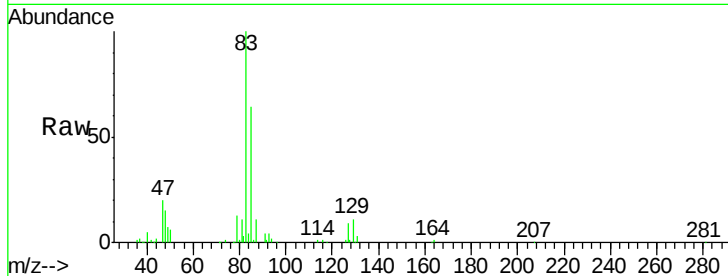
ClientSampleId :

VD0106SBS01

Tgt Ion:	83	Resp:	114973
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.5	74.3
127	8.5	7.8	11.6

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#48

Methyl methacrylate

Concen: 19.508 ug/l

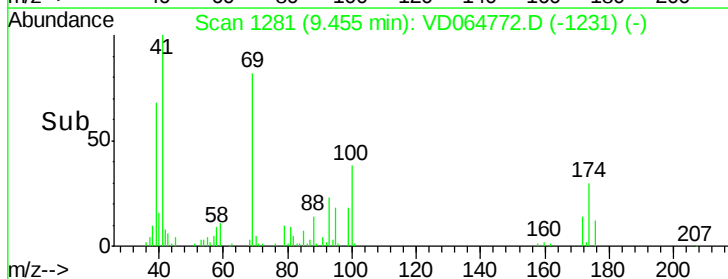
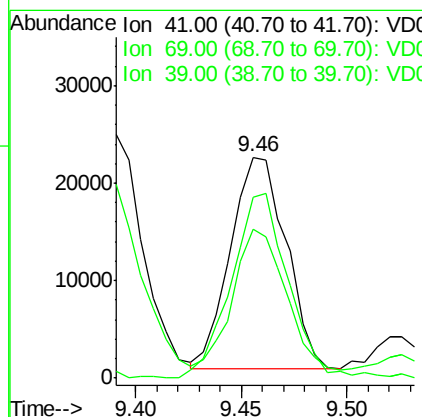
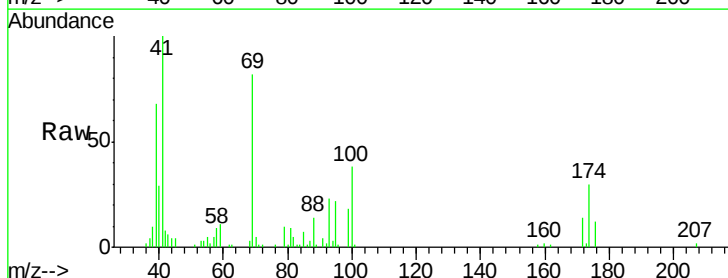
RT: 9.46 min Scan# 1281

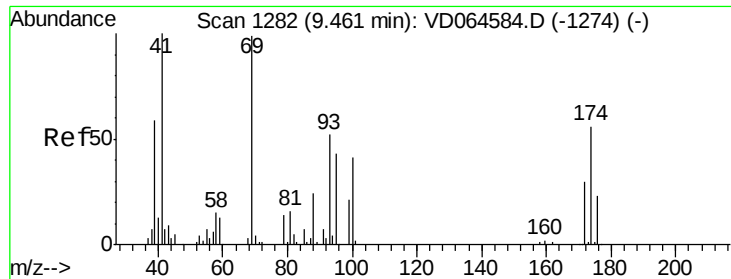
Delta R.T. -0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	41	Resp:	39858
Ion	Ratio	Lower	Upper
41	100		
69	89.5	63.0	94.6
39	70.7	47.4	71.2





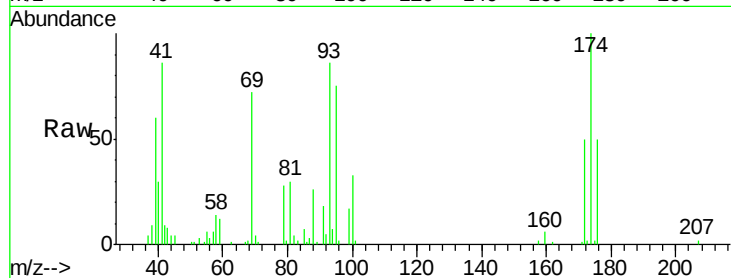
#49
1,4-Dioxane
Concen: 402.273 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.0	27.7	41.5
58	66.7	53.8	80.6

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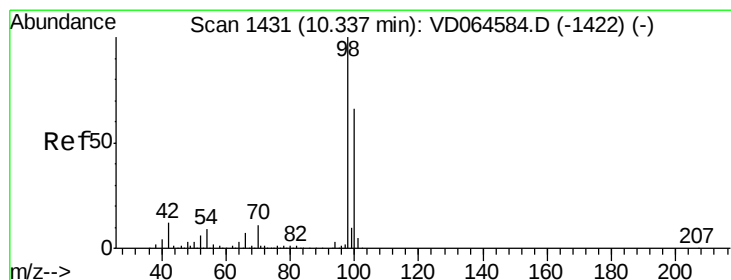
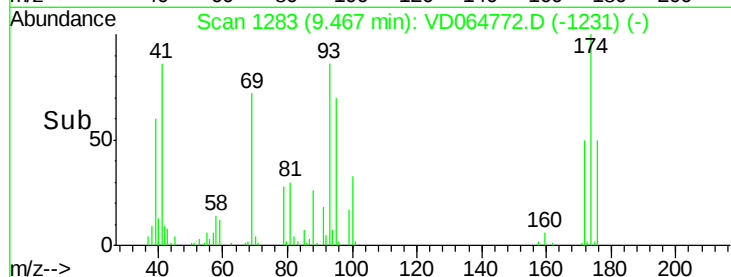
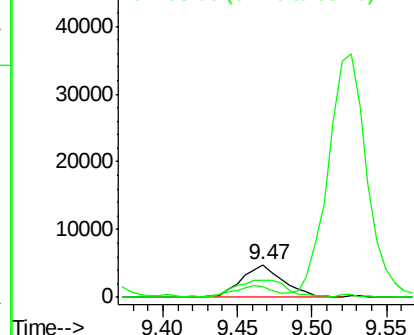


Abundance

Ion 88.00 (87.70 to 88.70): VDC

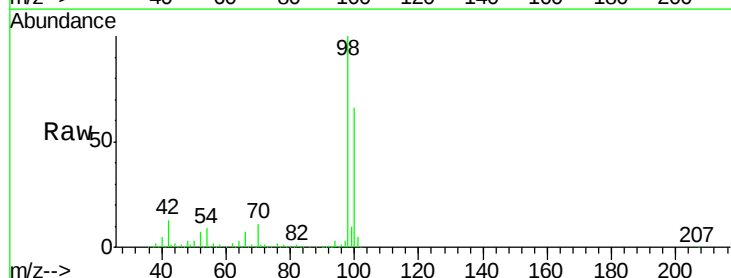
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 53.580 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

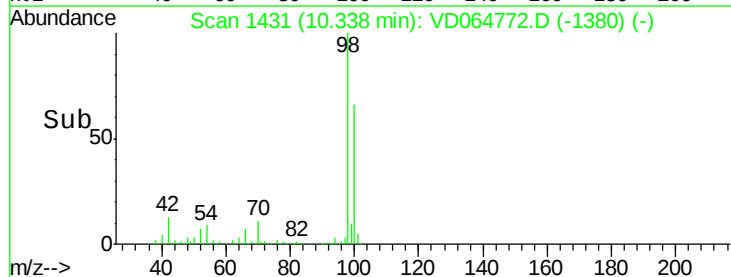
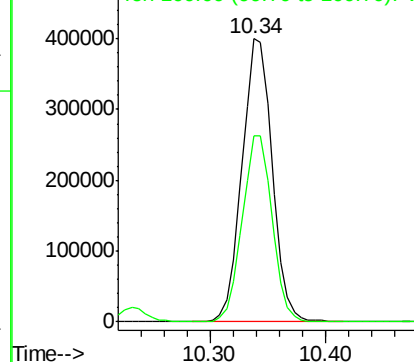
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

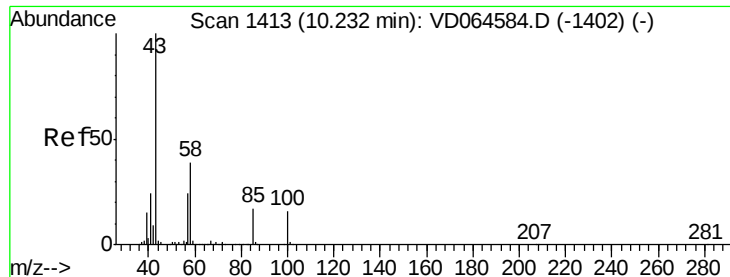


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





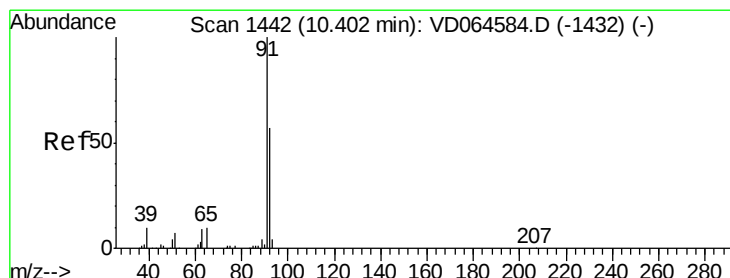
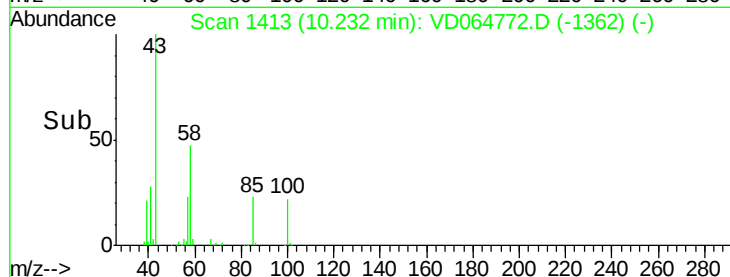
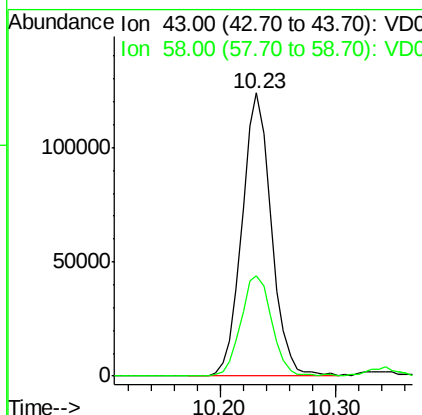
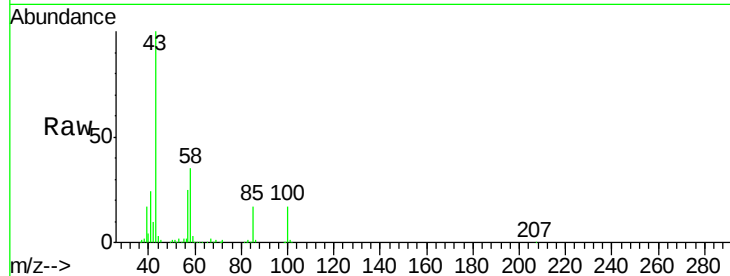
#51
4-Methyl-2-Pentanone
Concen: 102.410 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 43 Resp: 219645
Ion Ratio Lower Upper
43 100
58 36.9 30.2 45.2

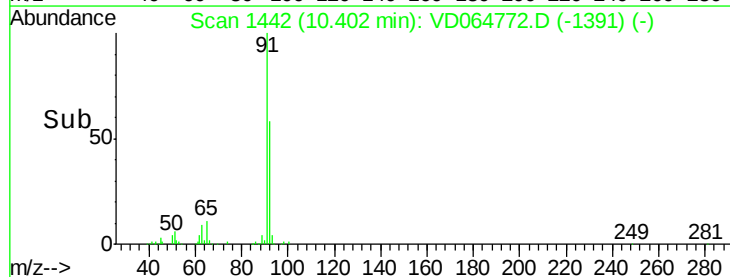
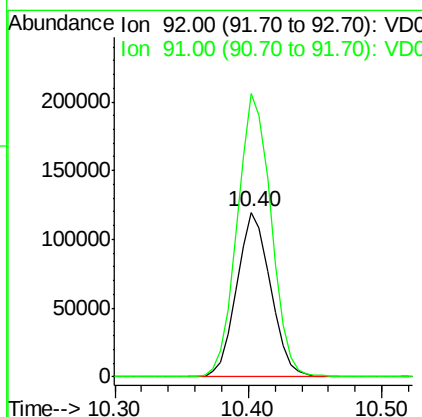
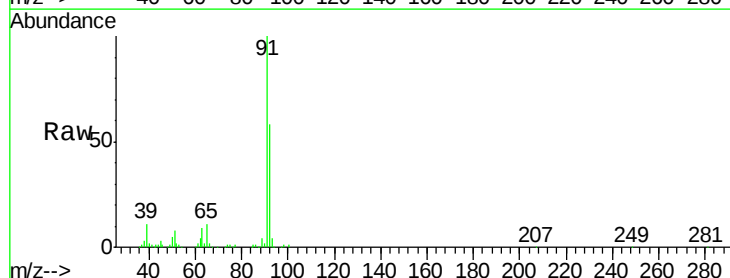
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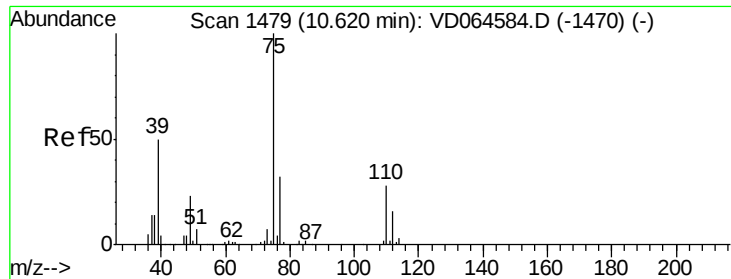
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#52
Toluene
Concen: 21.154 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 92 Resp: 210249
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





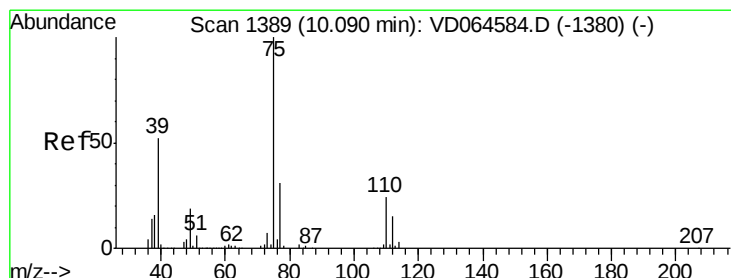
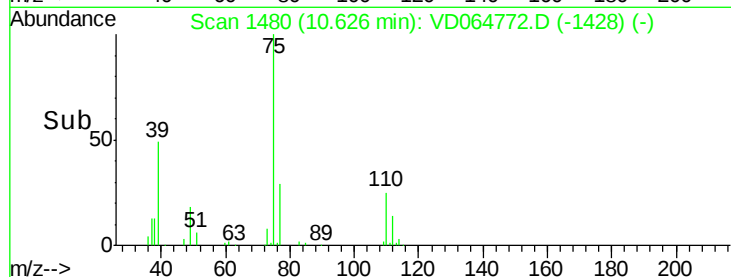
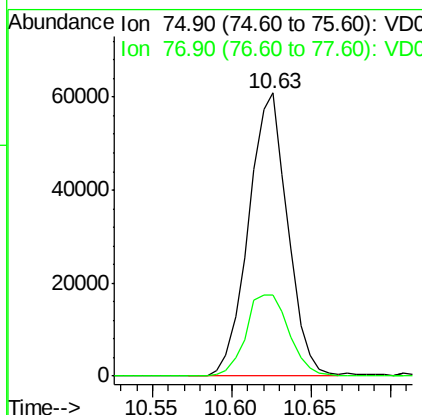
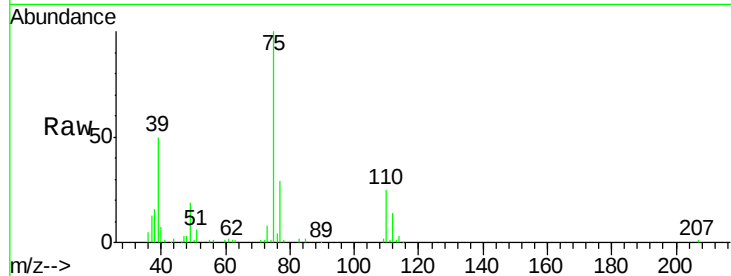
#53
 t-1,3-Dichloropropene
 Concen: 20.810 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion: 75 Resp: 104111
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.2

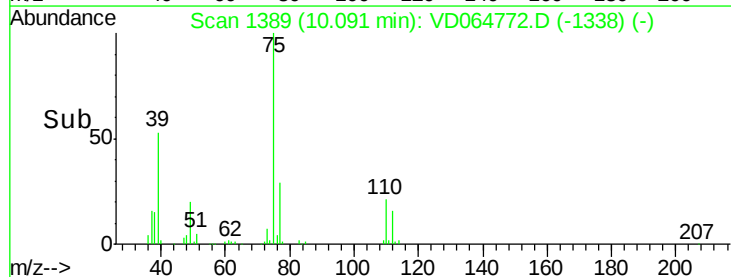
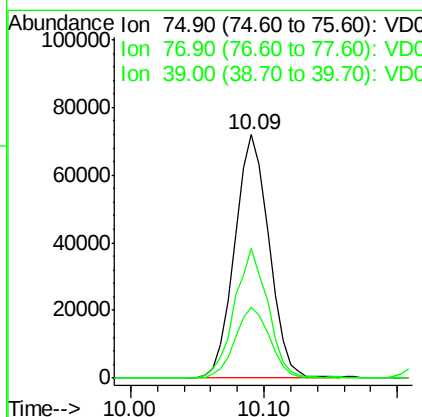
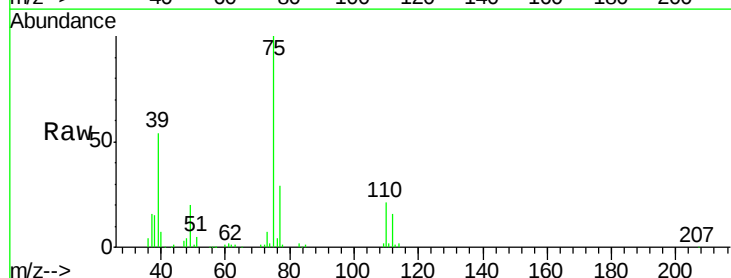
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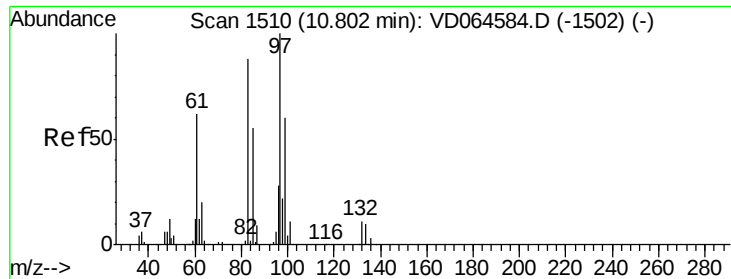
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#54
 cis-1,3-Dichloropropene
 Concen: 21.731 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion: 75 Resp: 128195
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.6 36.8
 39 53.5 41.4 62.2





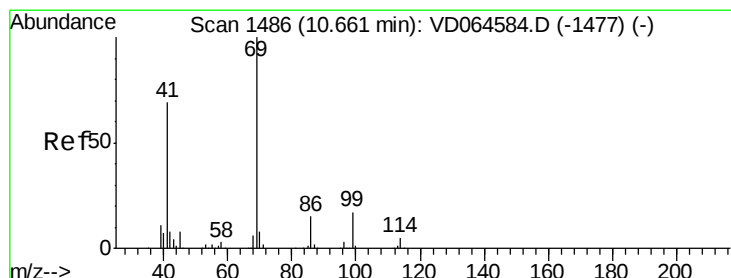
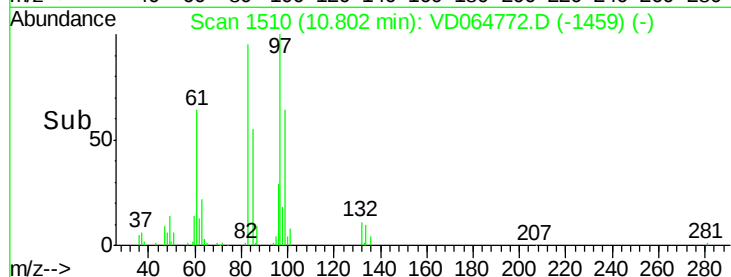
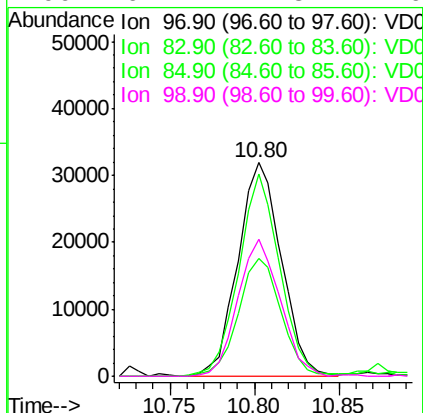
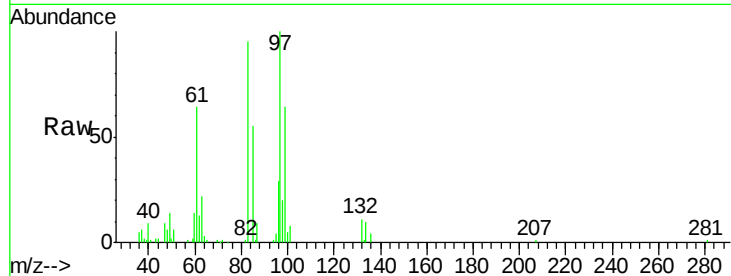
#55
 1,1,2-Trichloroethane
 Concen: 21.033 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.3	70.2	105.4
85	55.3	44.0	66.0
99	64.1	47.8	71.6

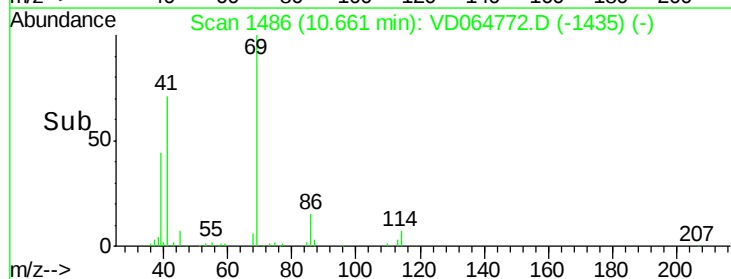
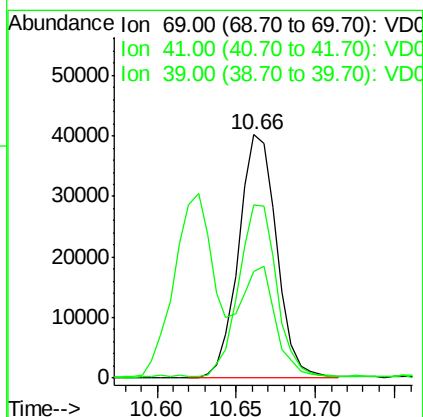
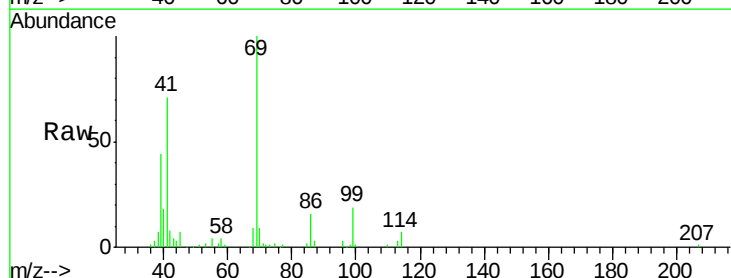
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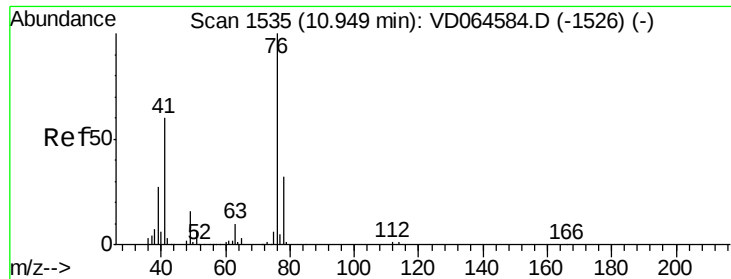
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#56
 Ethyl methacrylate
 Concen: 19.742 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.3	82.9
39	43.0	33.8	50.8





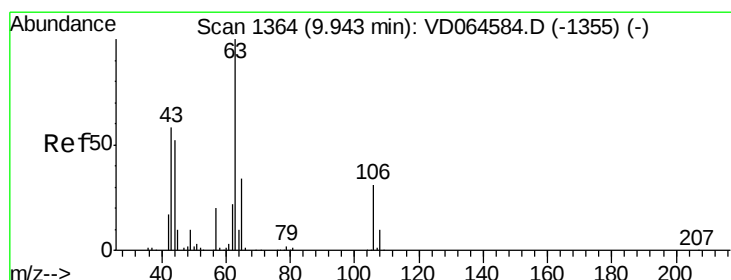
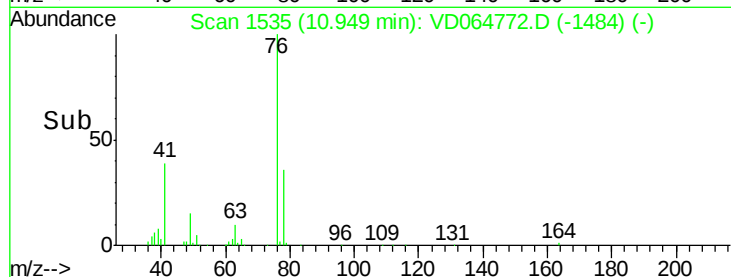
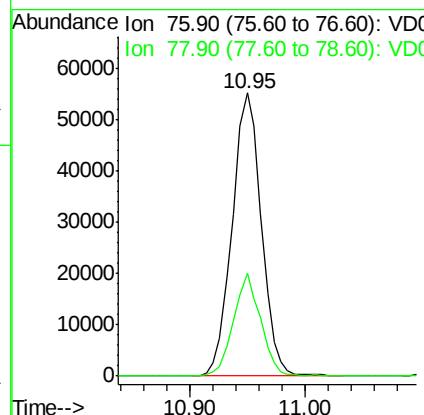
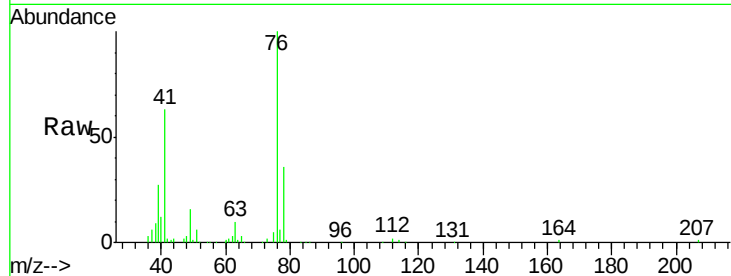
#57
 1,3-Dichloropropane
 Concen: 20.746 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion: 76 Resp: 97076
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.2 39.4

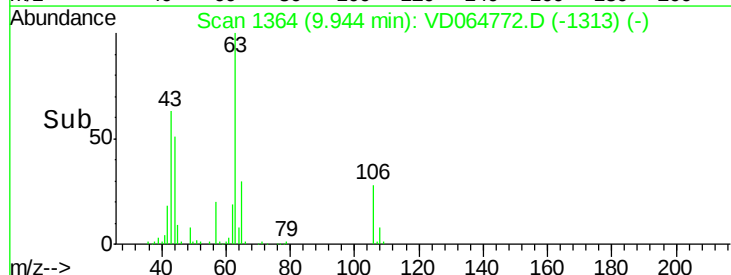
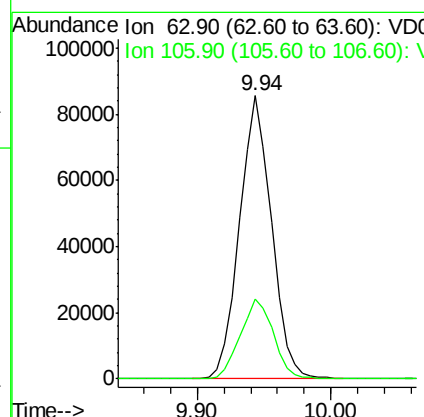
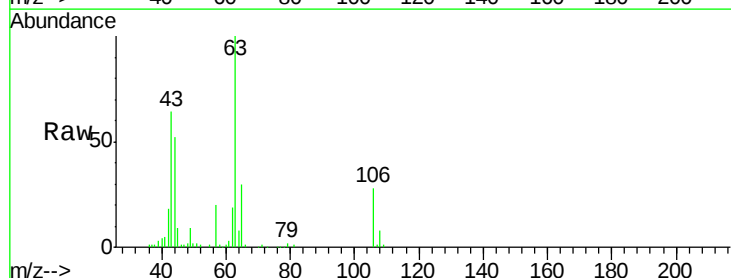
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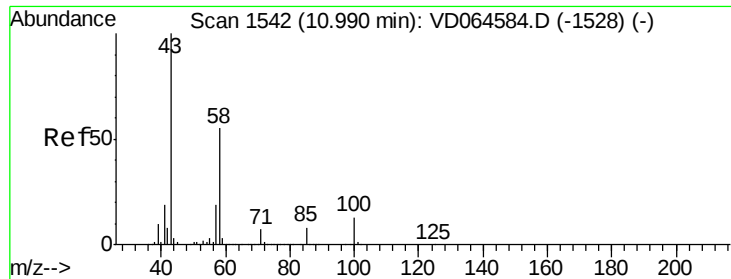
apatel
 1/7/2020 10:24:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.835 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion: 63 Resp: 142030
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.8





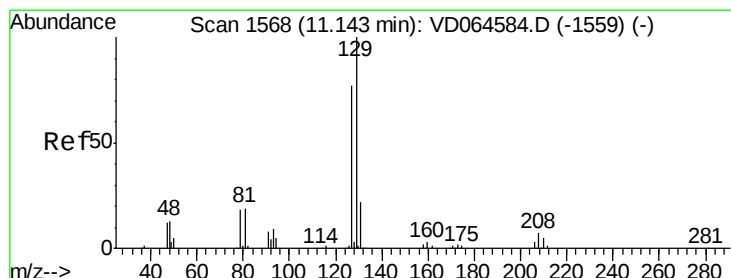
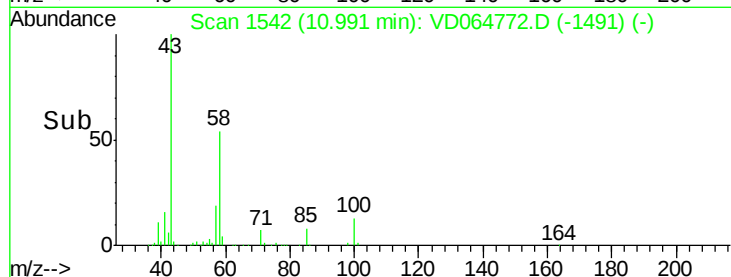
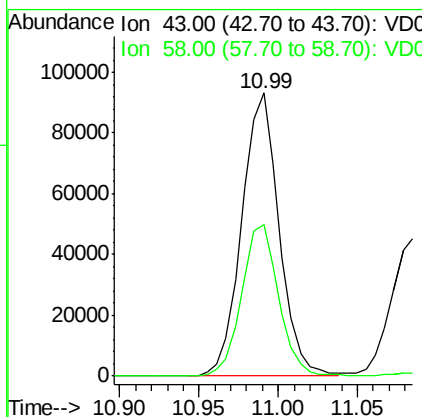
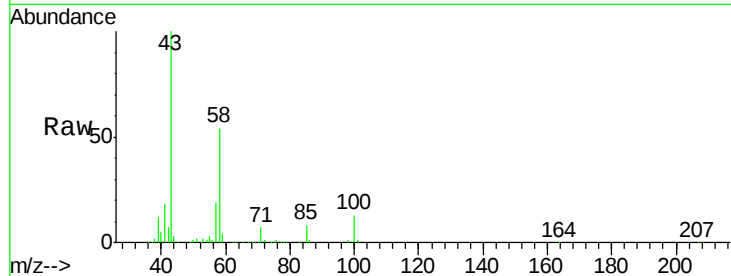
#59
2-Hexanone
Concen: 104.779 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 43 Resp: 152527
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0

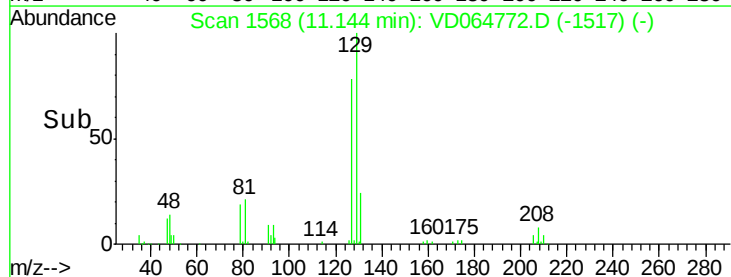
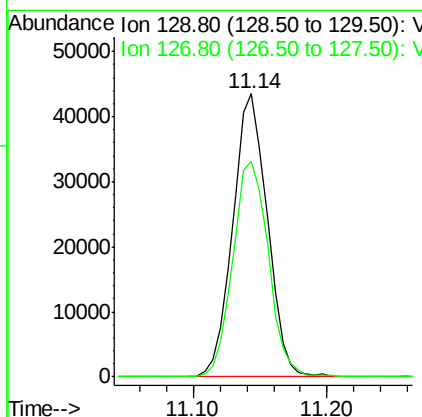
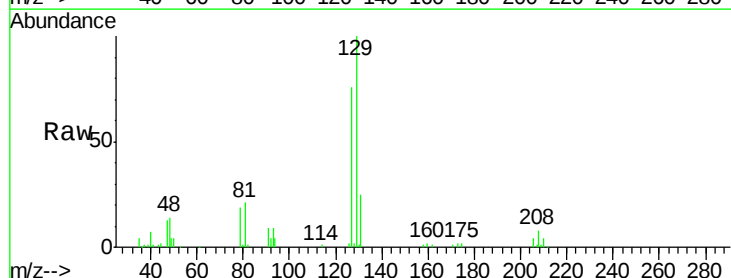
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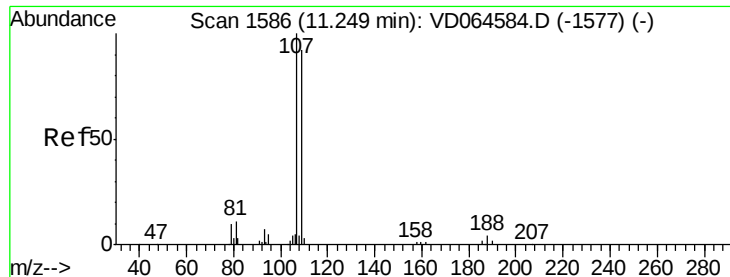
apatel
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#60
Dibromochloromethane
Concen: 20.813 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 129 Resp: 78219
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





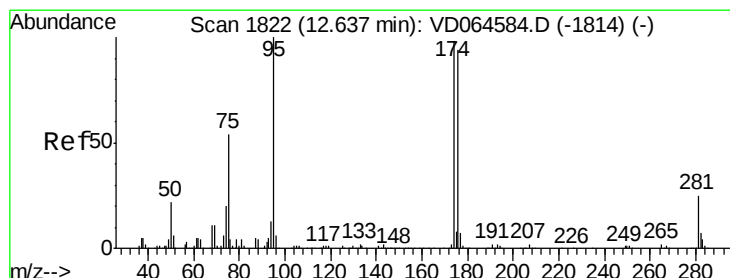
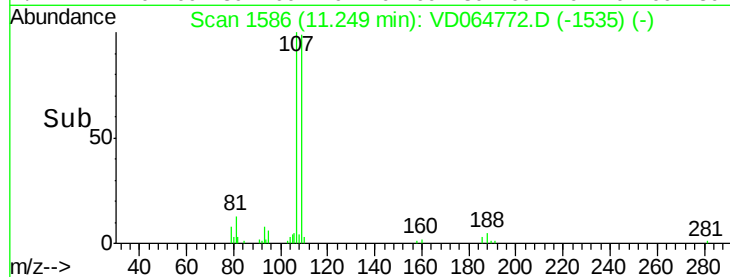
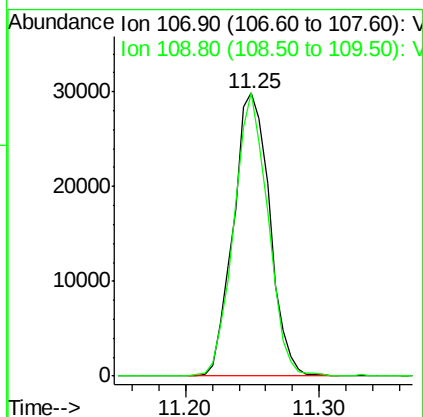
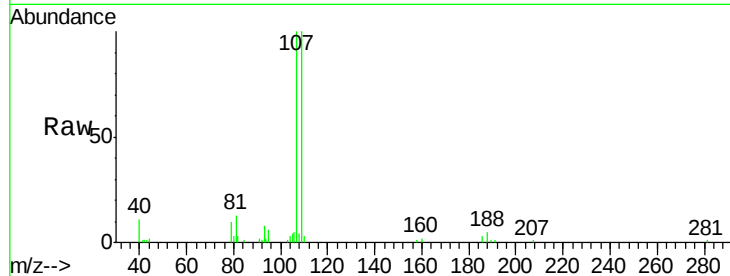
#61
 1,2-Dibromoethane
 Concen: 21.053 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion: 107 Resp: 56434
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4

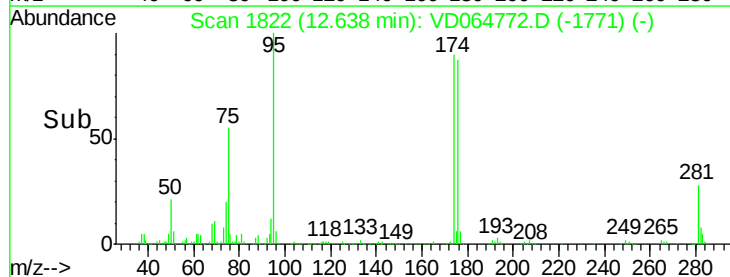
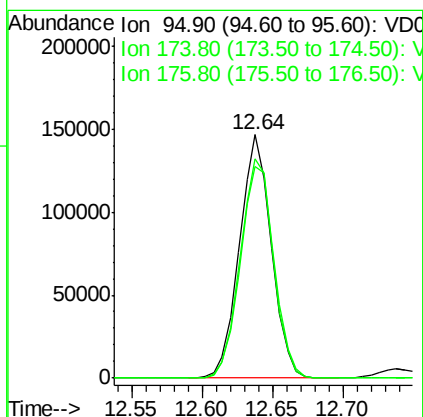
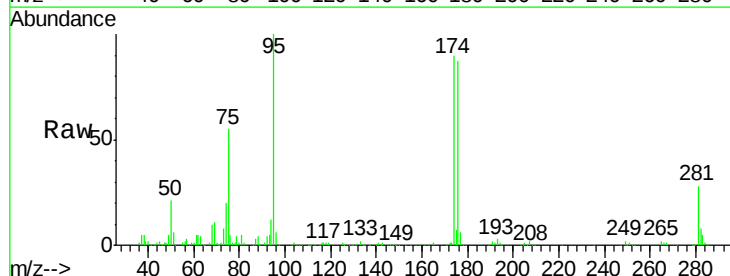
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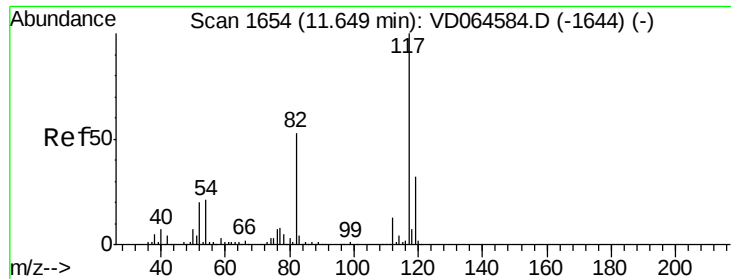
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.023 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion: 95 Resp: 231423
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 193.2
 176 91.6 0.0 184.2





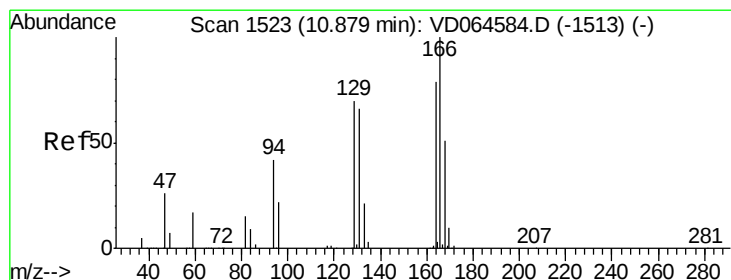
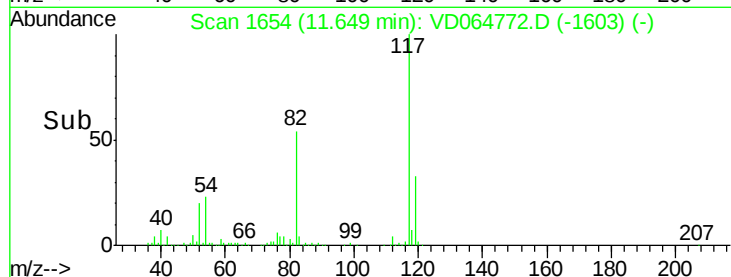
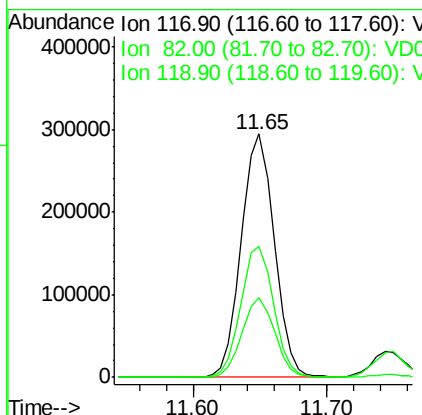
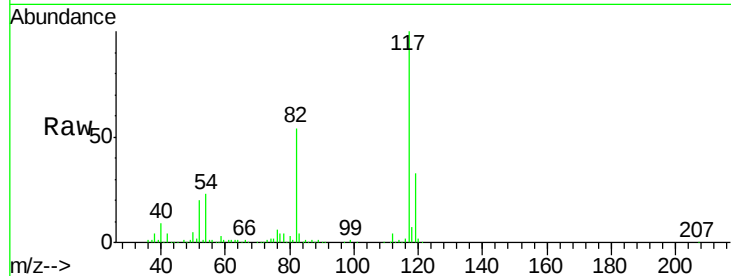
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	505689		
82	53.7	42.2	63.4	
119	32.7	26.0	39.0	

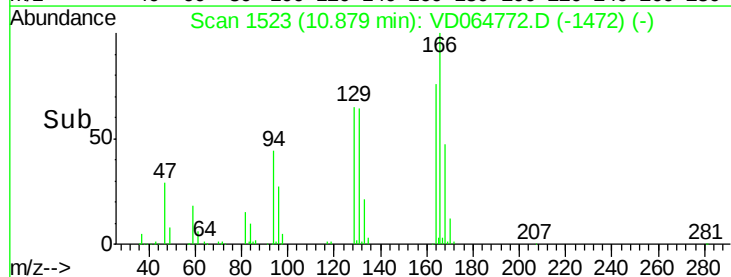
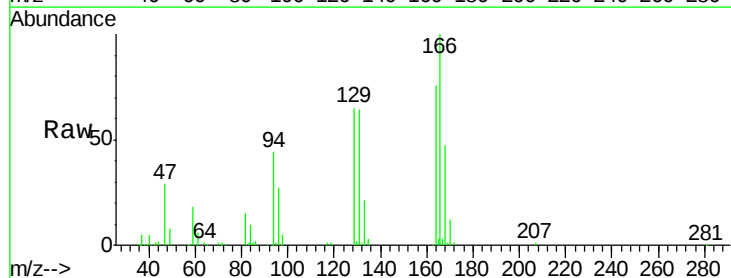
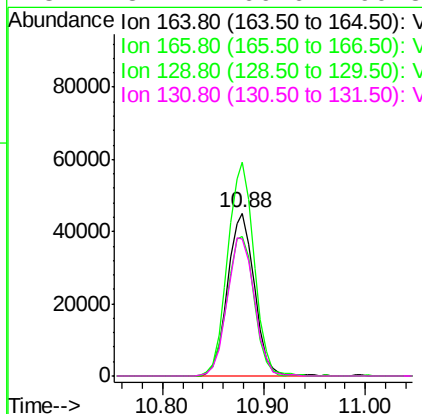
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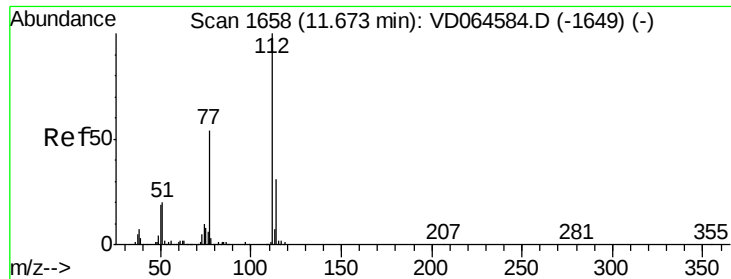
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#64
Tetrachloroethene
Concen: 21.302 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82643		
166	131.0	101.3	151.9	
129	85.6	70.5	105.7	
131	84.4	66.6	99.8	





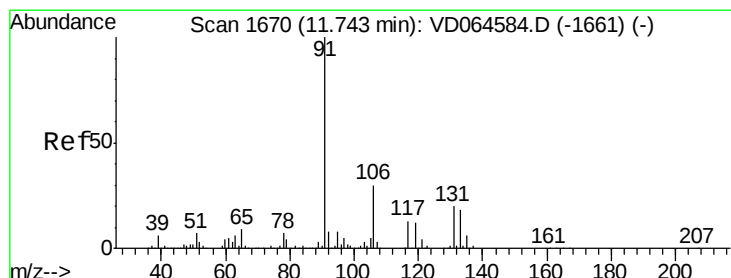
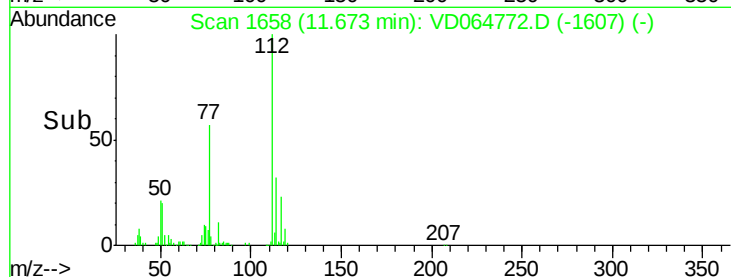
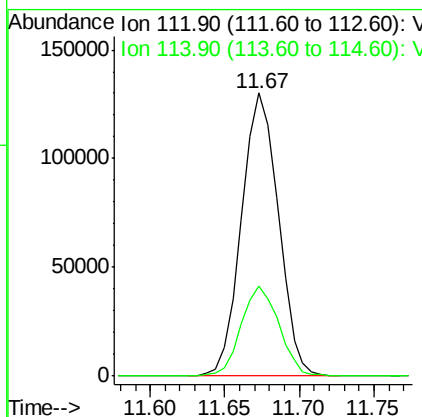
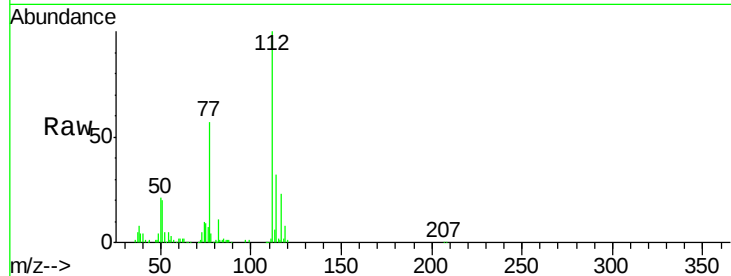
#65
Chlorobenzene
Concen: 21.304 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.8	37.2

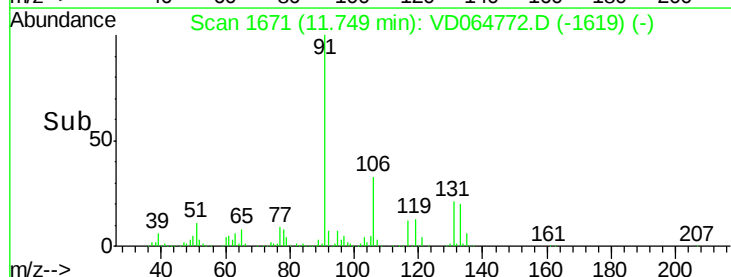
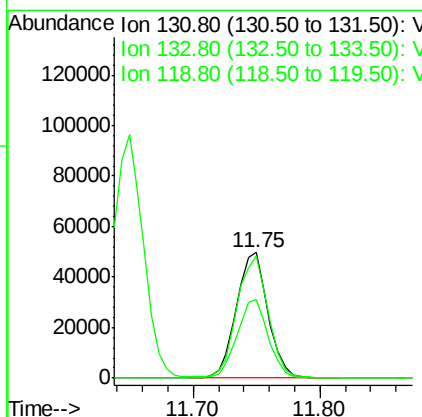
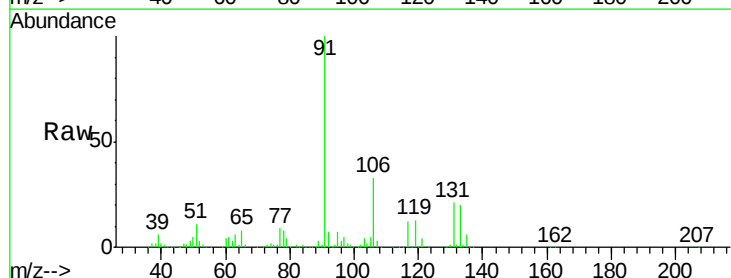
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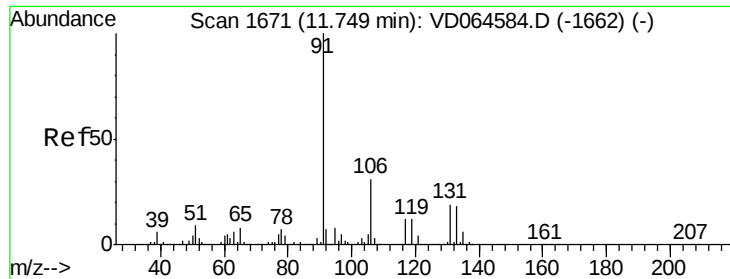
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.602 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.3	144.8
119	62.1	32.1	96.3





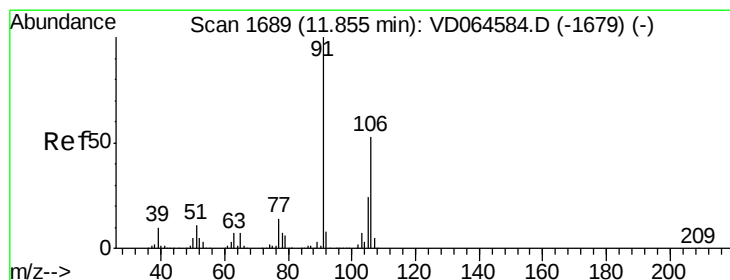
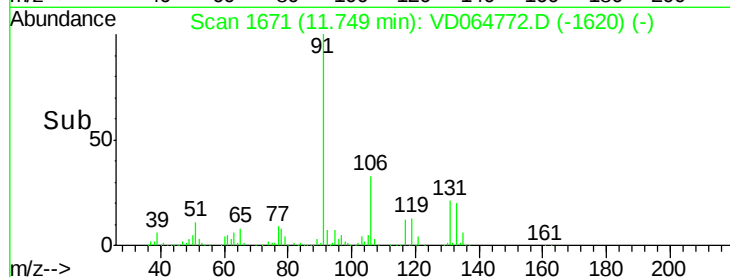
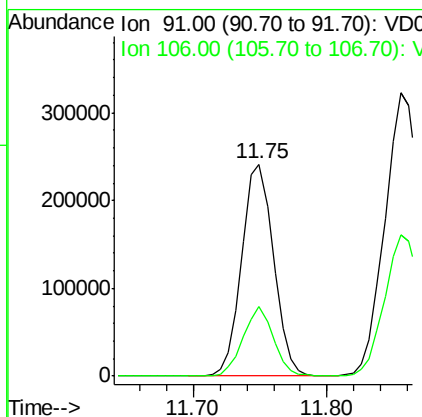
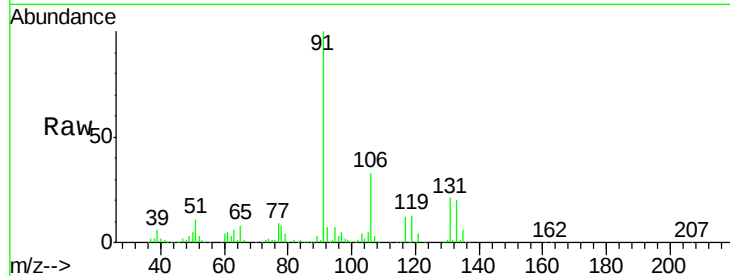
#67
Ethyl Benzene
Concen: 21.008 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion: 91 Resp: 400196
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

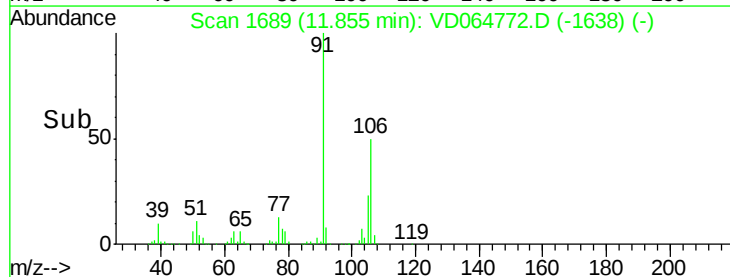
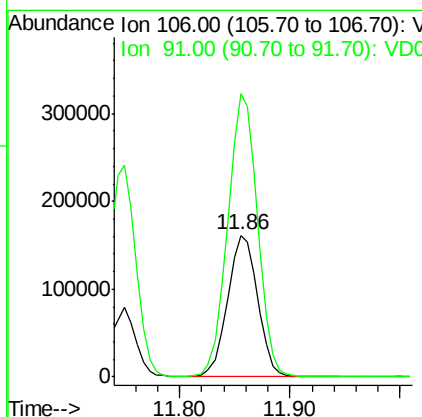
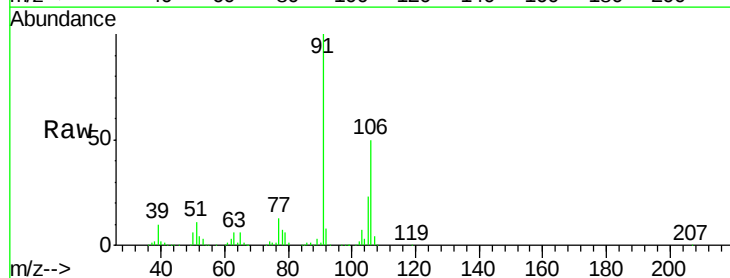
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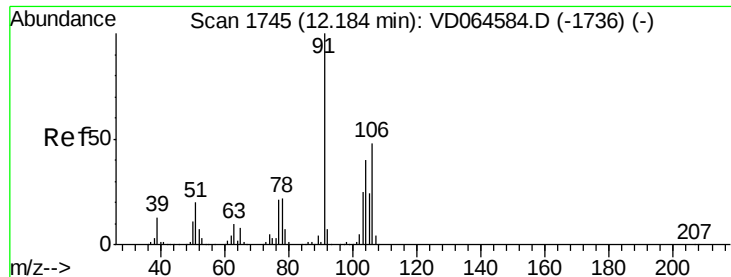
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#68
m/p-Xylenes
Concen: 41.896 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion: 106 Resp: 308059
Ion Ratio Lower Upper
106 100
91 198.1 156.3 234.5





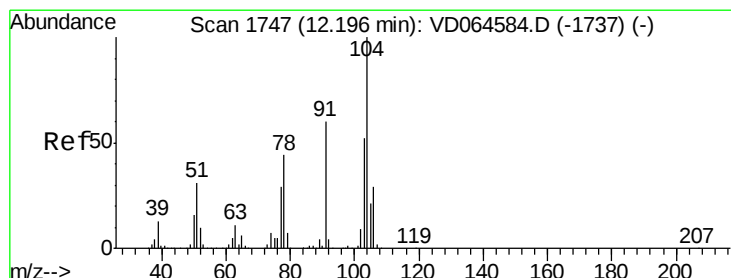
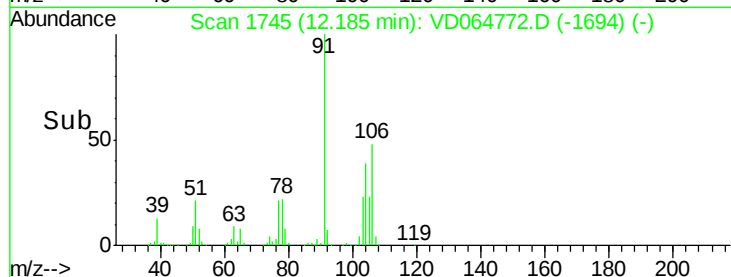
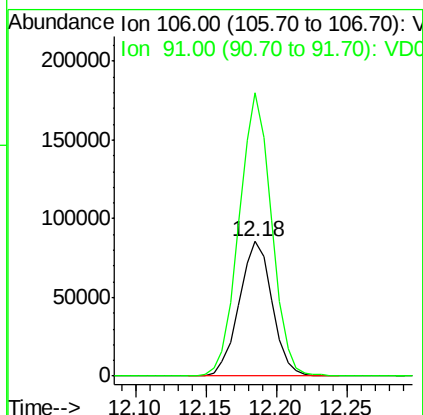
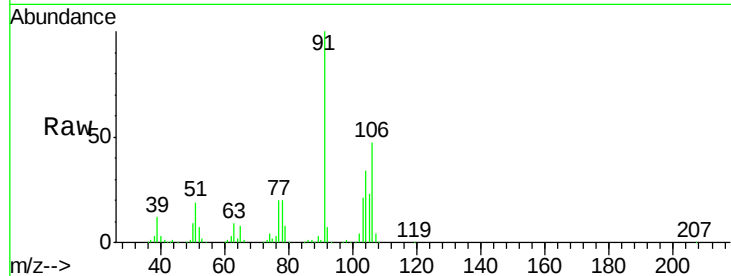
#69
o-Xylene
Concen: 21.008 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion:106 Resp: 139524
Ion Ratio Lower Upper
106 100
91 207.4 104.8 314.4

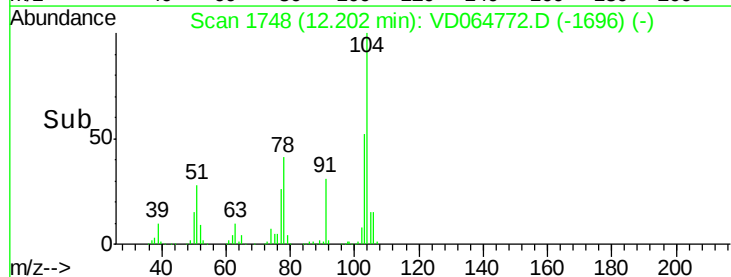
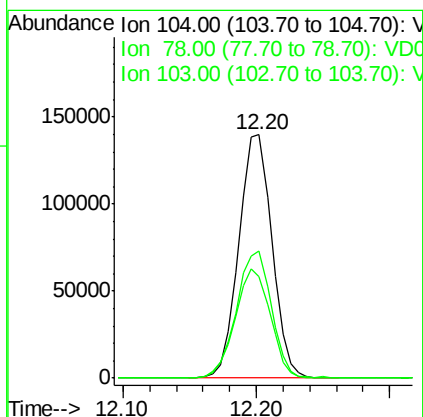
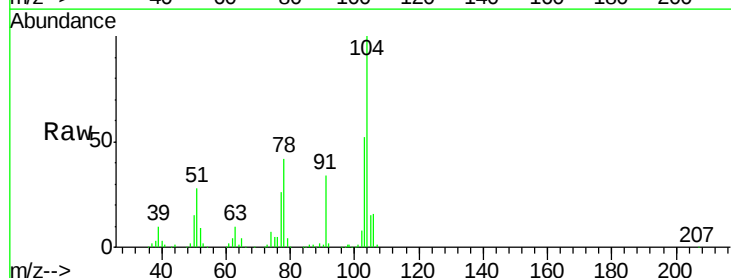
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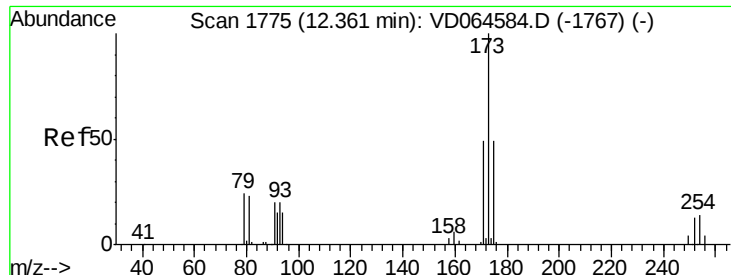
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#70
Styrene
Concen: 20.686 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion:104 Resp: 241154
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.1 44.6 67.0





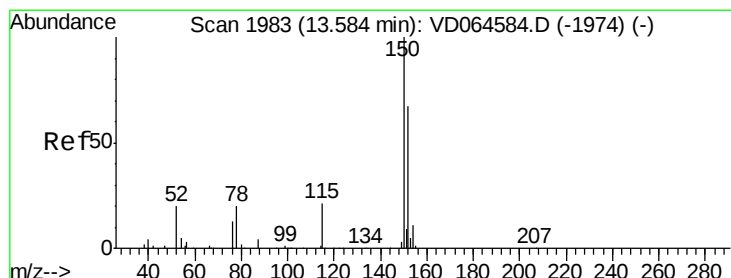
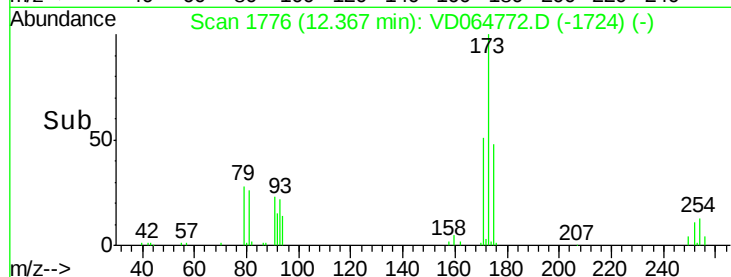
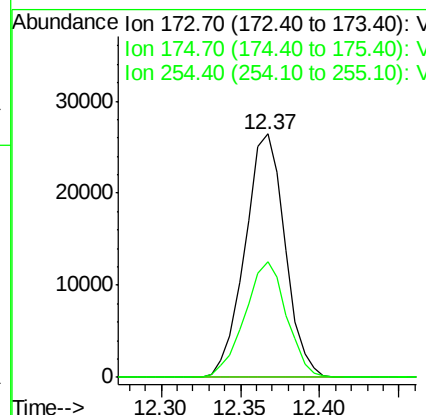
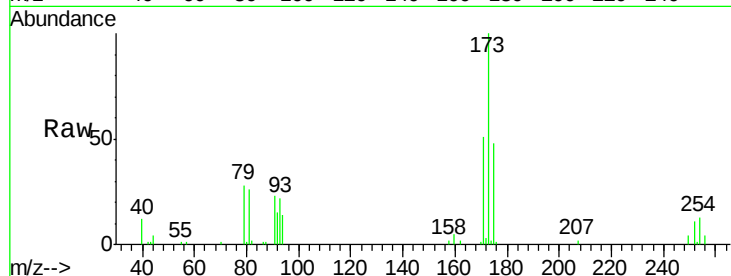
#71
Bromoform
Concen: 20.564 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.8
254	0.0	0.1	0.1#

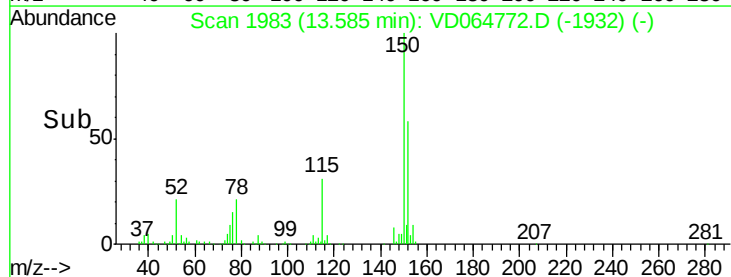
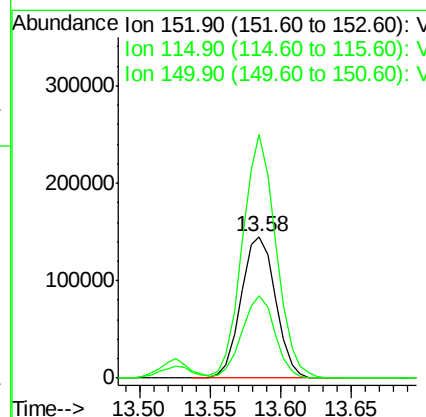
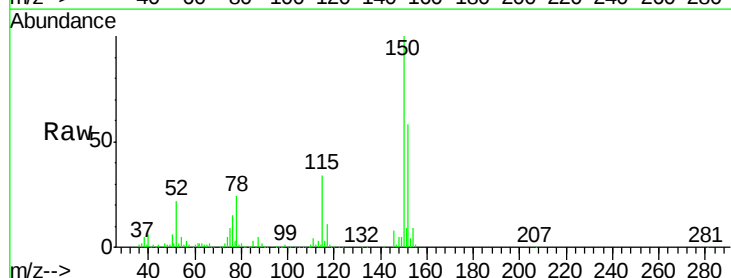
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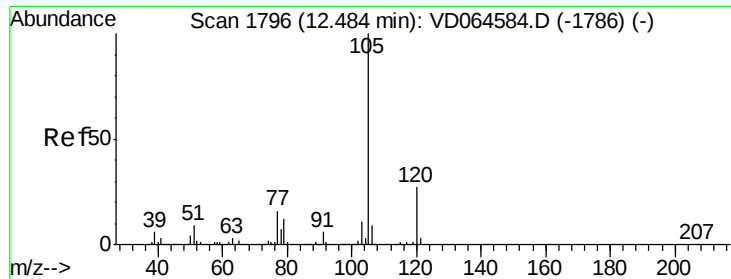
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	168.6	0.0	351.4





#73

Isopropylbenzene

Concen: 21.524 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 105 Resp: 381097

Ion Ratio Lower Upper

105 100

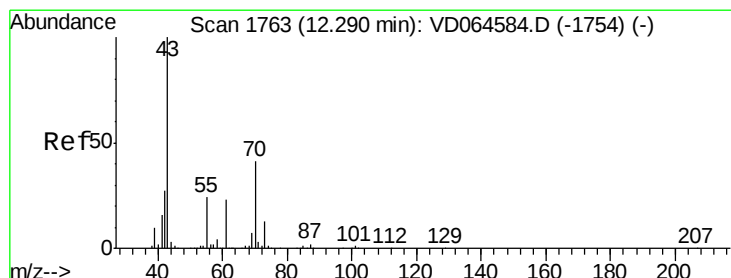
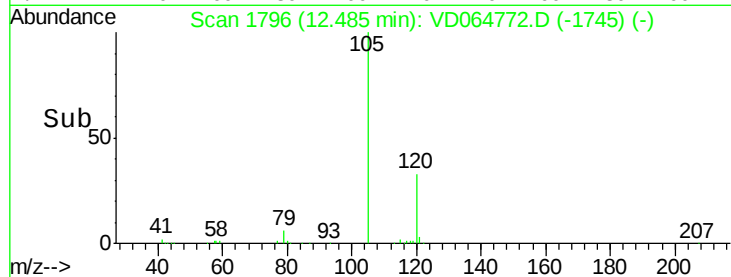
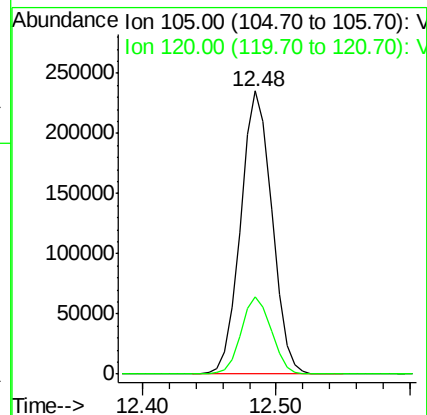
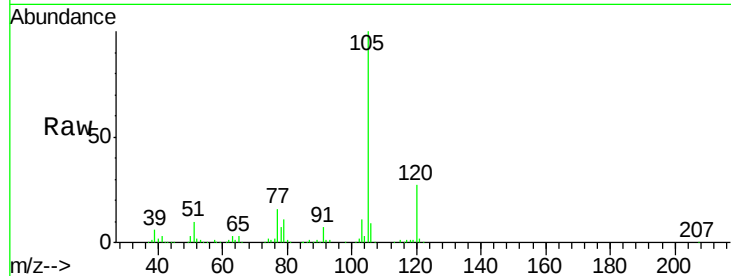
120 26.6 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.615 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion: 43 Resp: 78024

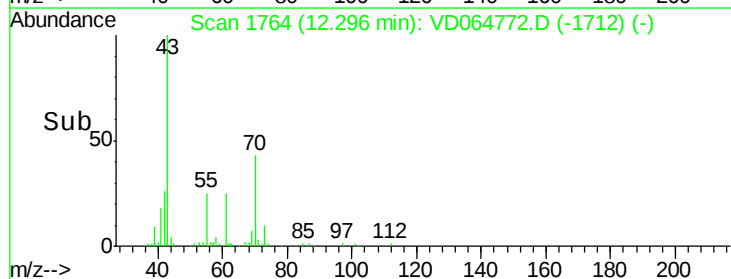
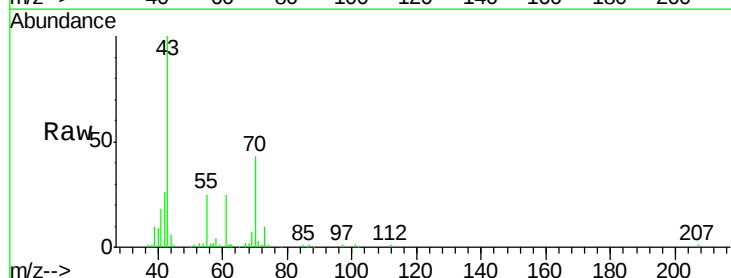
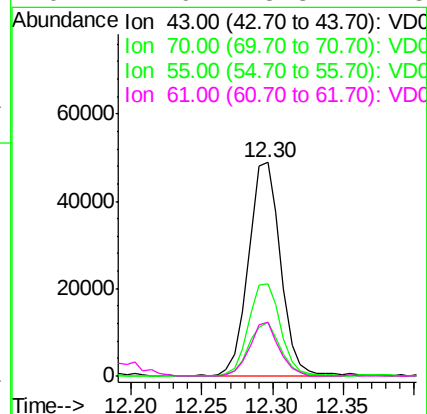
Ion Ratio Lower Upper

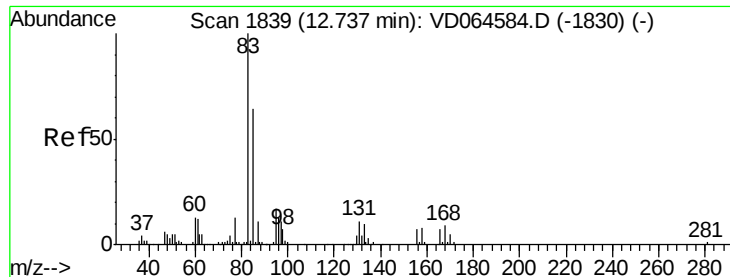
43 100

70 43.3 33.4 50.0

55 24.5 19.4 29.0

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.368 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

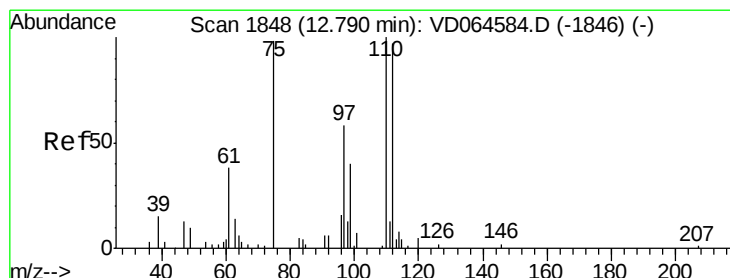
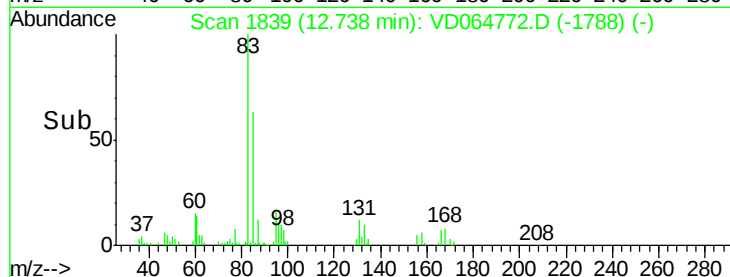
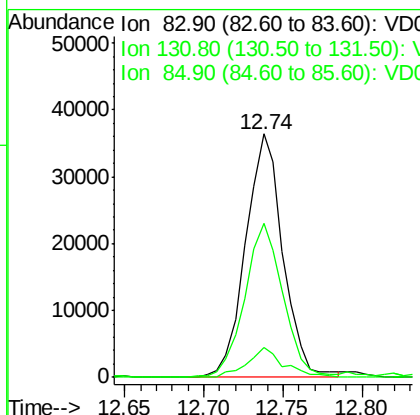
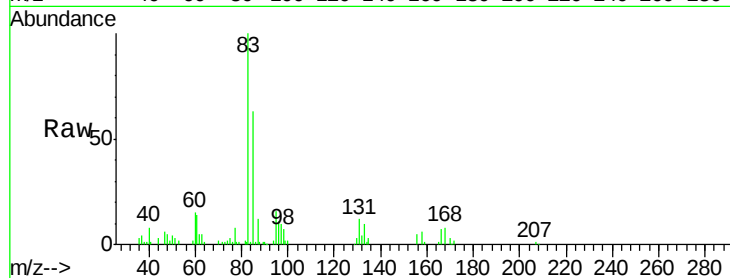
ClientSampleId :

VD0106SBS01

Tgt Ion:	83	Resp:	59432
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.4
85	65.0	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 19.432 ug/l m

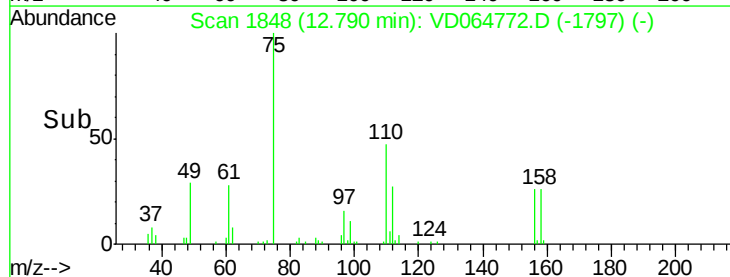
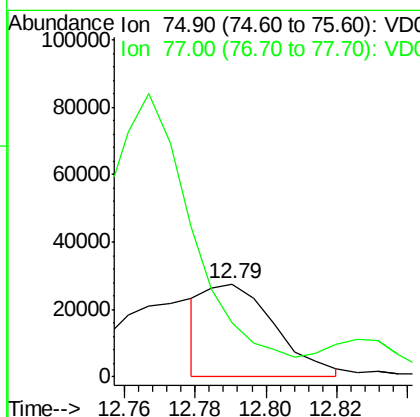
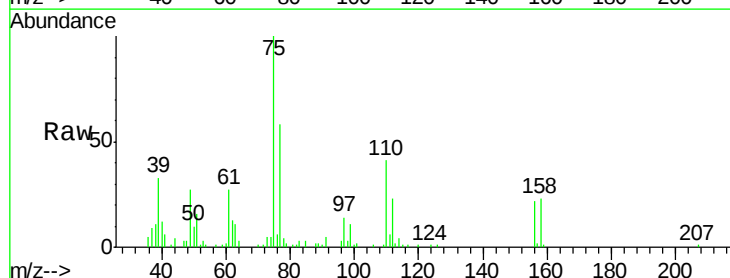
RT: 12.79 min Scan# 1848

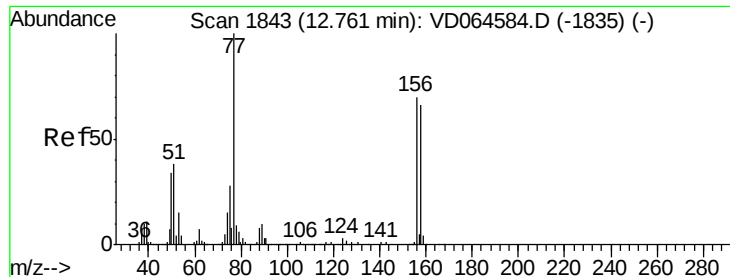
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	75	Resp:	38019
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.326 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

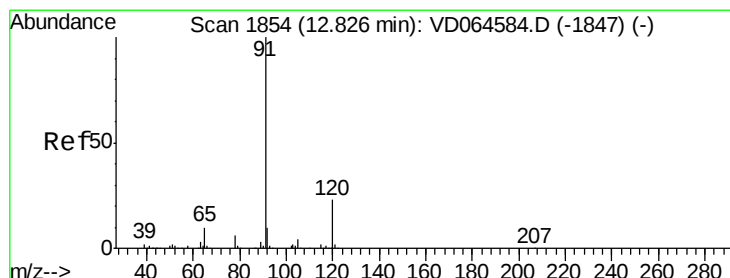
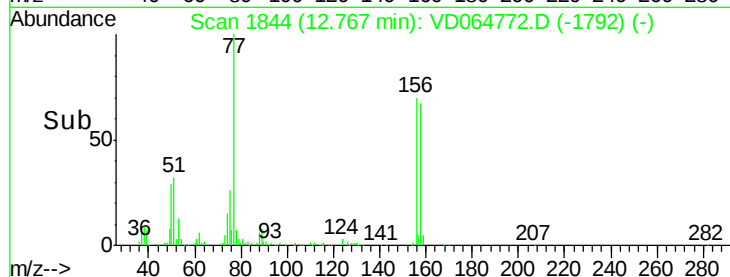
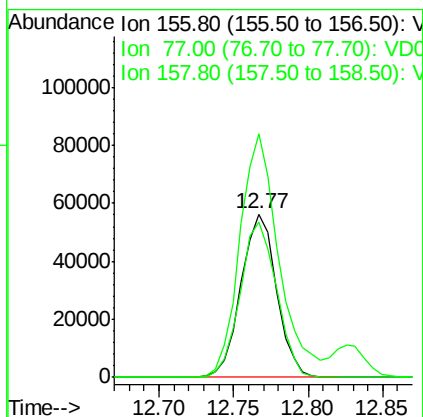
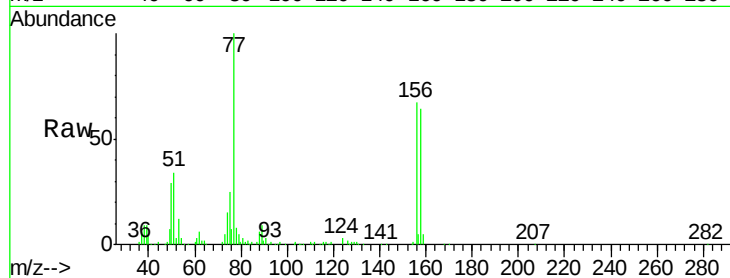
ClientSampleId :

VD0106SBS01

Tgt Ion:156 Resp: 92780
 Ion Ratio Lower Upper
 156 100
 77 163.8 80.9 242.7
 158 97.4 48.0 144.2

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#78

n-propylbenzene

Concen: 21.724 ug/l

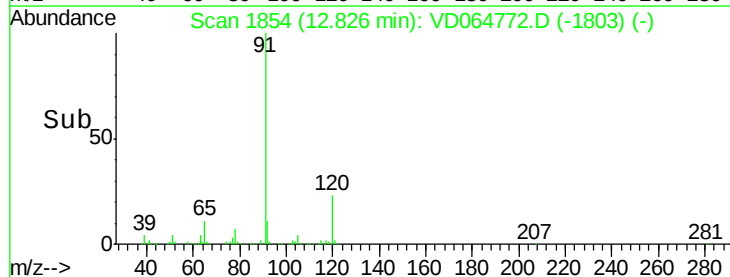
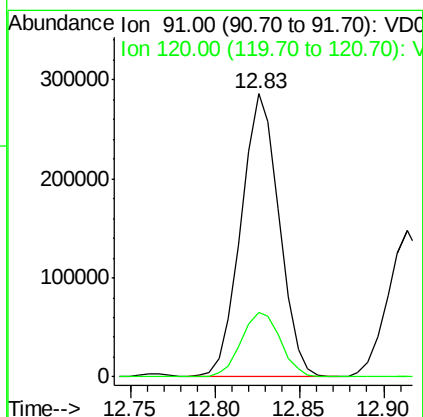
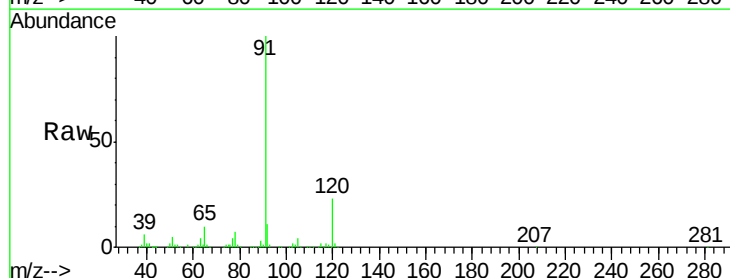
RT: 12.83 min Scan# 1854

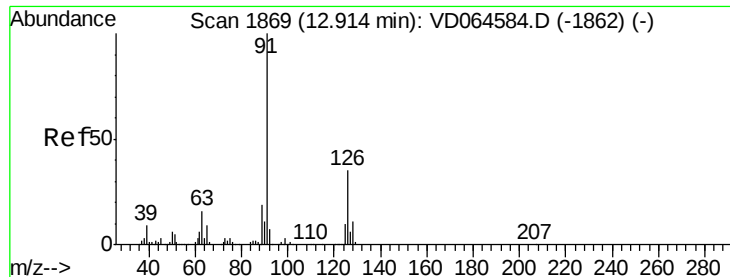
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion: 91 Resp: 448735
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.9





#79

2-Chlorotoluene

Concen: 21.586 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion: 91 Resp: 244943

Ion Ratio Lower Upper

91 100

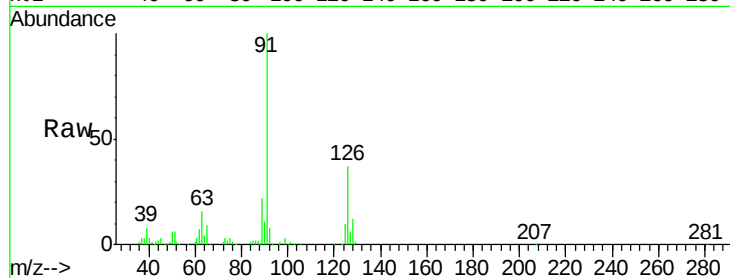
126 36.6 17.8 53.5

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Abundance Ion 91.00 (90.70 to 91.70): VD064584.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD064584.D (-1862) (-)

200000

150000

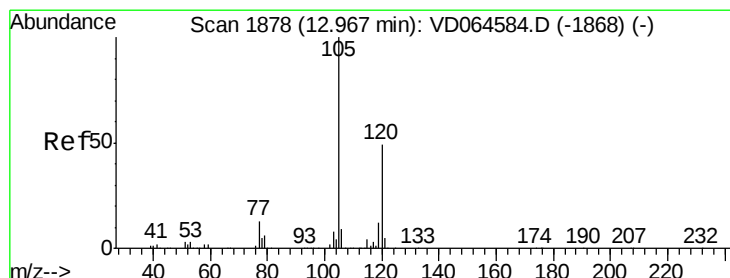
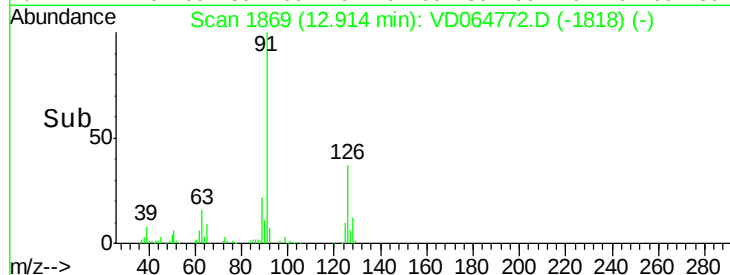
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.825 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064772.D

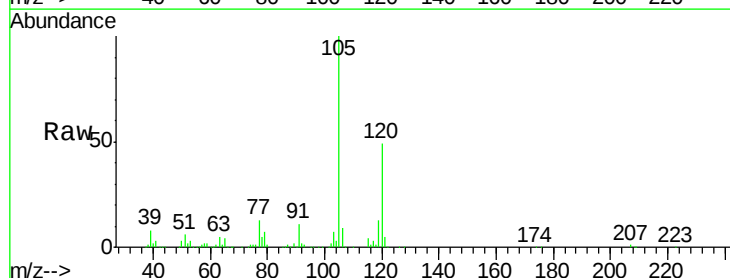
Acq: 06 Jan 2020 14:48

Tgt Ion: 105 Resp: 317436

Ion Ratio Lower Upper

105 100

120 50.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064584.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD064584.D (-1868) (-)

200000

150000

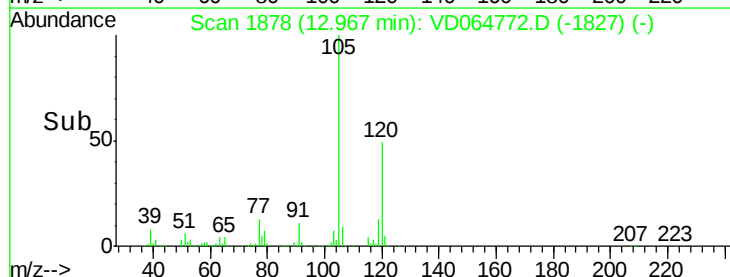
100000

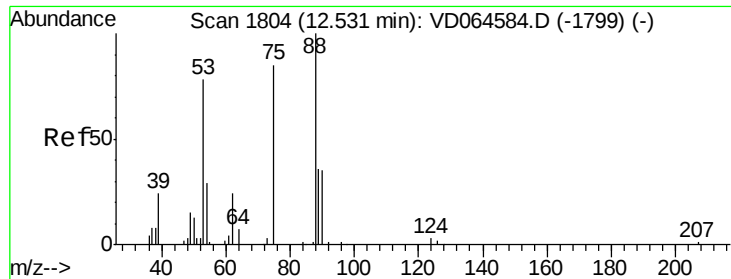
50000

0

12.90 12.95 13.00 13.05

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 22.156 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

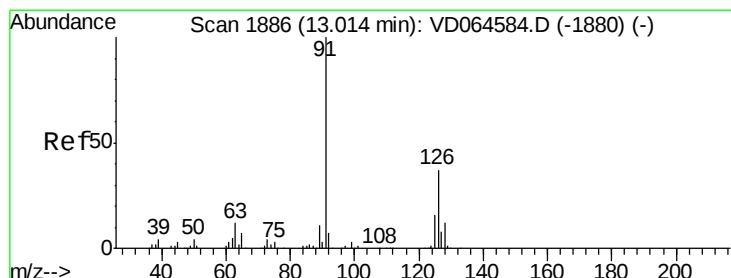
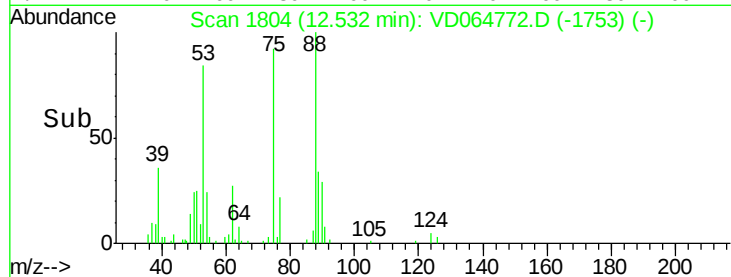
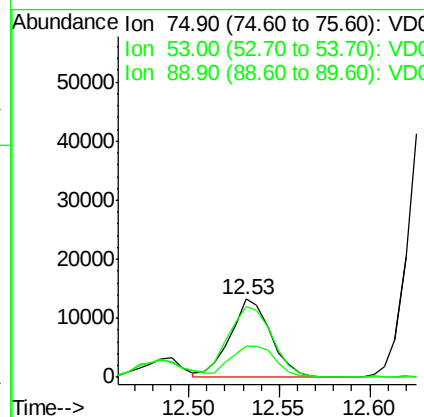
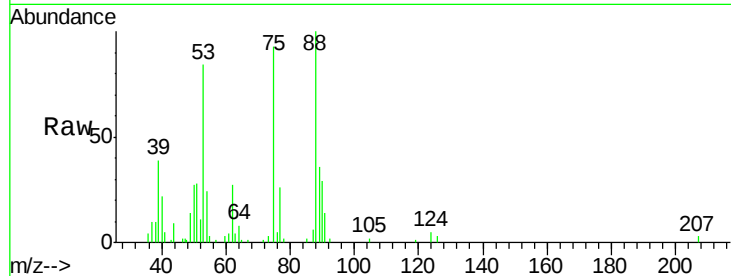
ClientSampleId :

VD0106SBS01

Tgt Ion:	75	Resp:	20726
Ion Ratio	Lower	Upper	
75	100		
53	97.3	78.8	118.2
89	44.9	38.3	57.5

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#82

4-Chlorotoluene

Concen: 21.105 ug/l

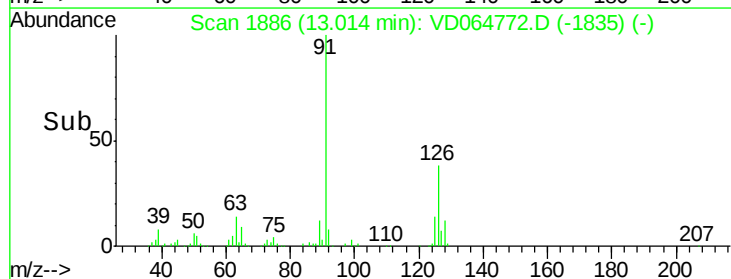
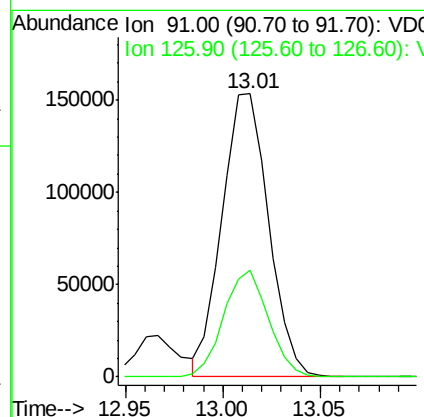
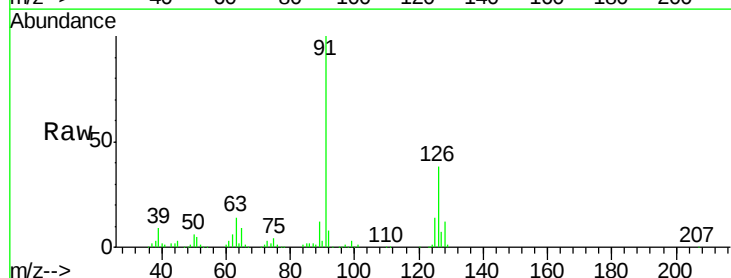
RT: 13.01 min Scan# 1886

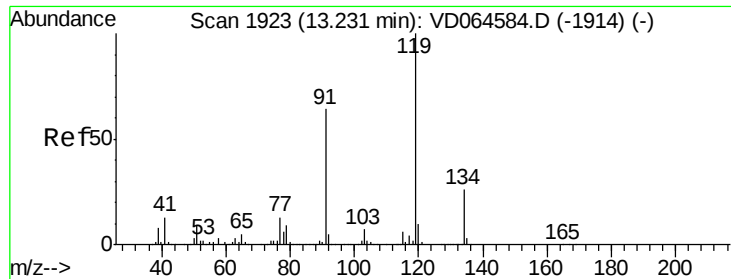
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	91	Resp:	254850
Ion Ratio	Lower	Upper	
91	100		
126	36.5	17.8	53.5





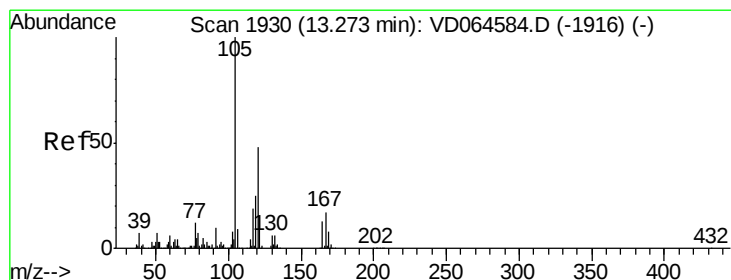
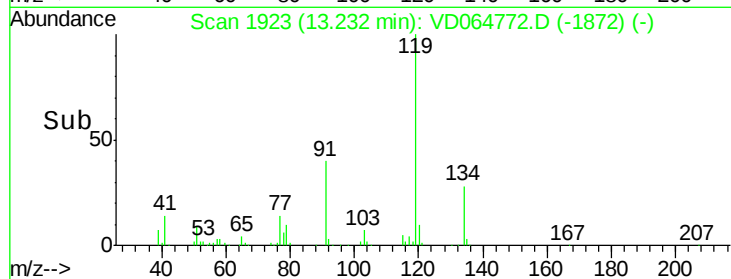
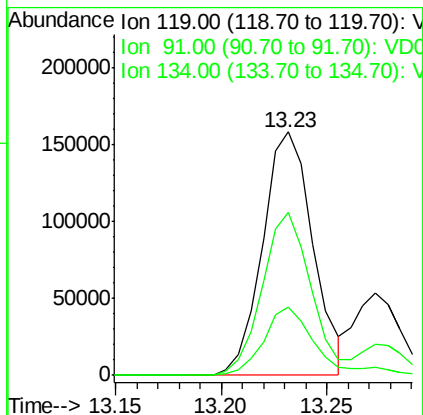
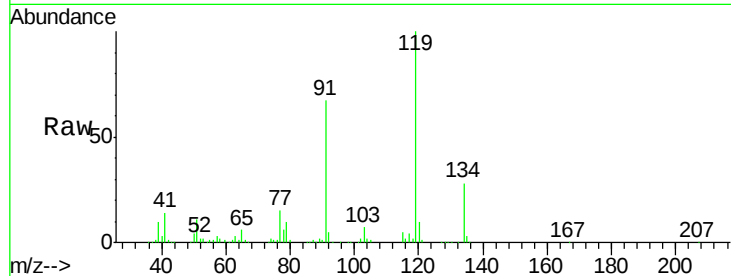
#83
 tert-Butylbenzene
 Concen: 20.742 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	261935		
91	65.4	30.8	92.4	
134	29.1	12.8	38.3	

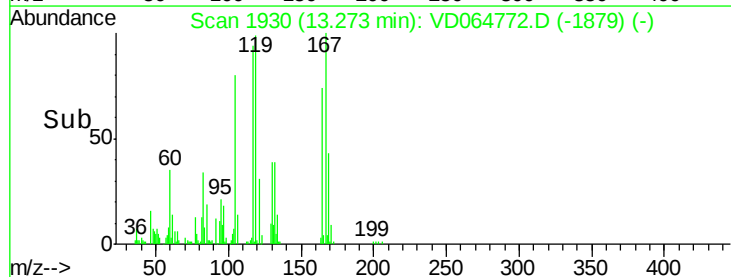
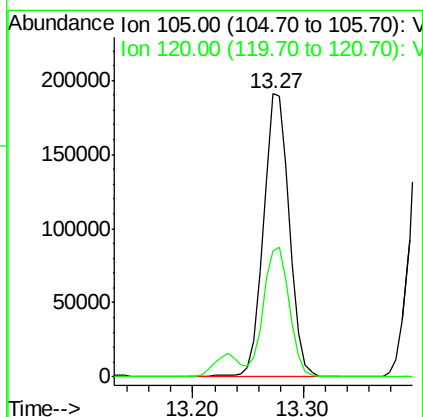
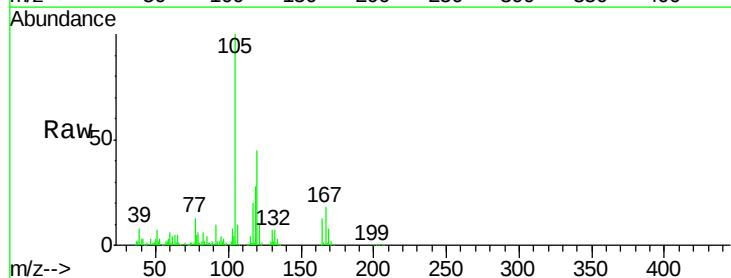
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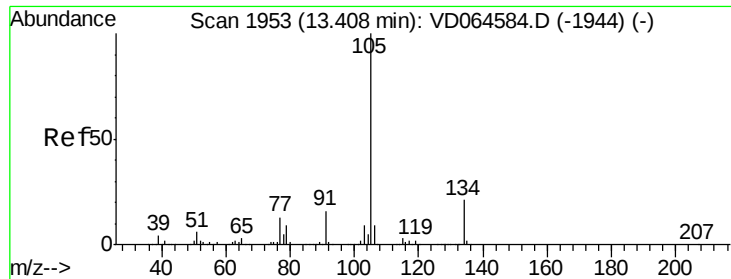
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.544 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312071		
120	45.9	23.8	71.2	





#85

sec-Butylbenzene

Concen: 21.314 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBS01

Tgt Ion:105 Resp: 368999

Ion Ratio Lower Upper

105 100

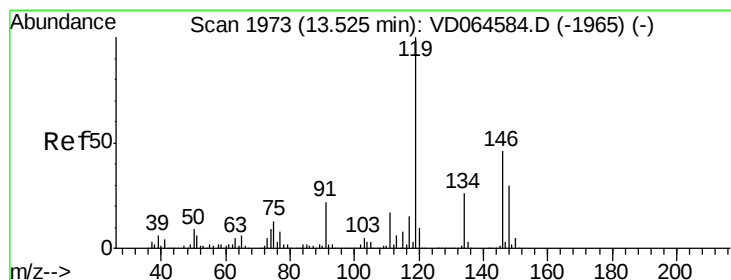
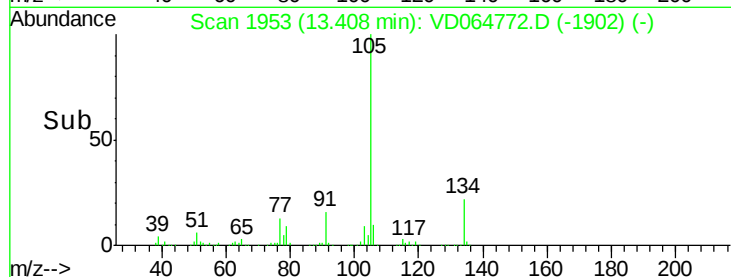
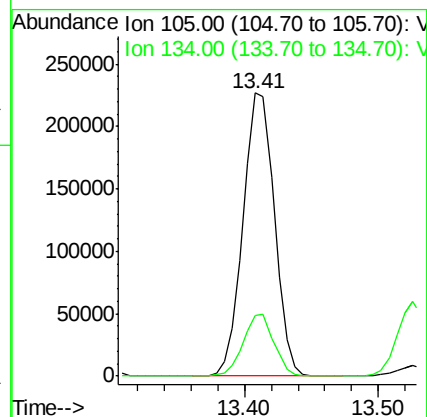
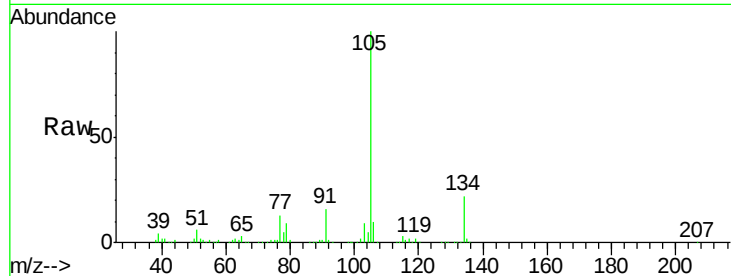
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 21.385 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

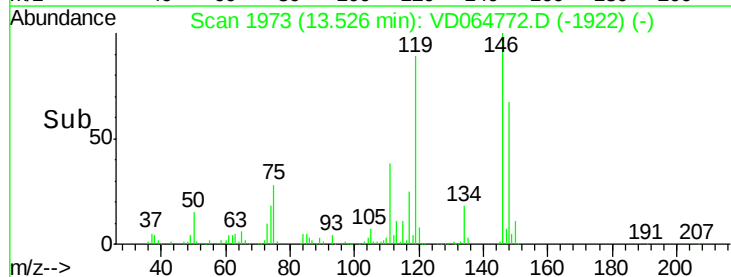
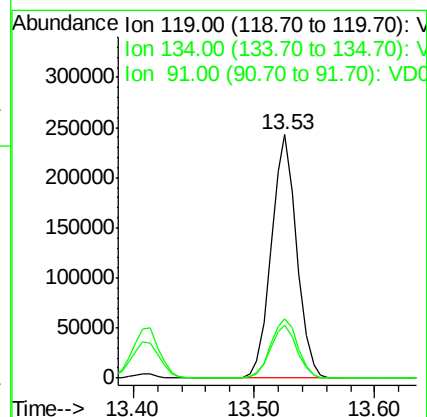
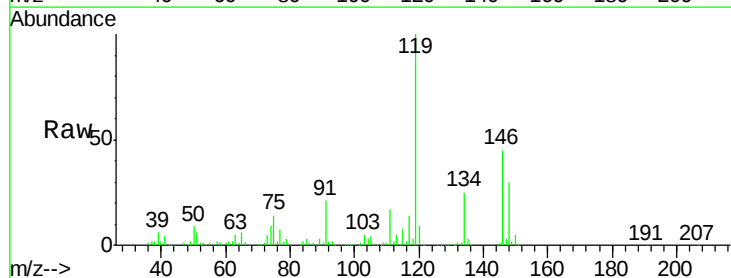
Tgt Ion:119 Resp: 354002

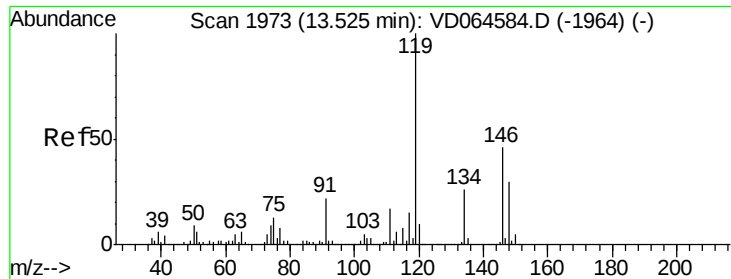
Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.1

91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 21.406 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

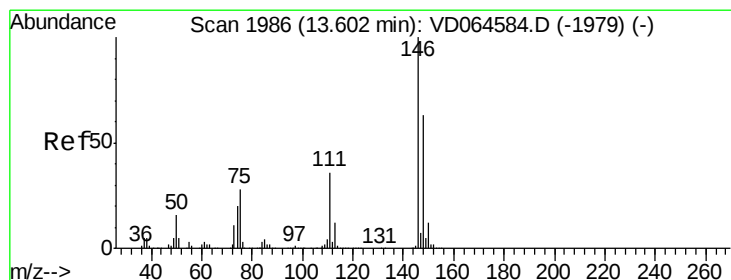
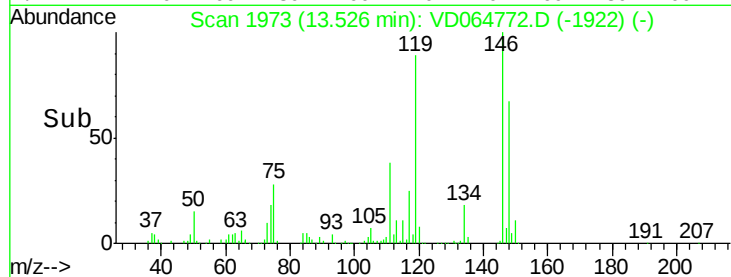
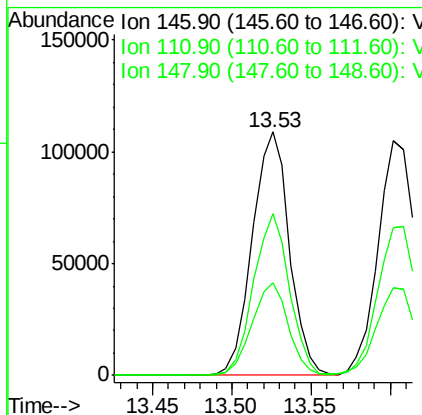
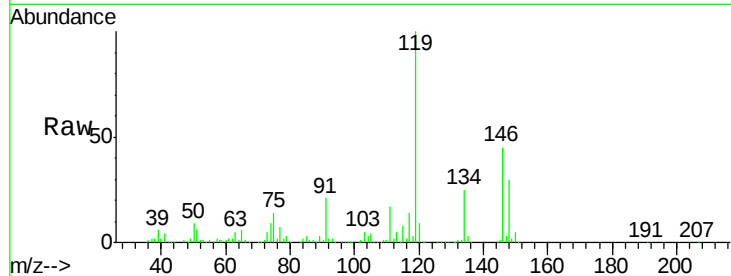
ClientSampleId :

VD0106SBS01

Tgt Ion:	146	Resp:	177533
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.8	56.4
148	64.4	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 21.234 ug/l

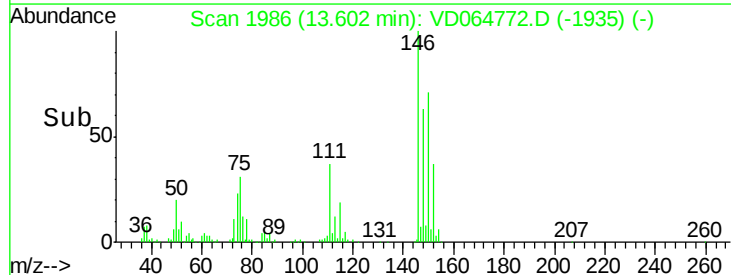
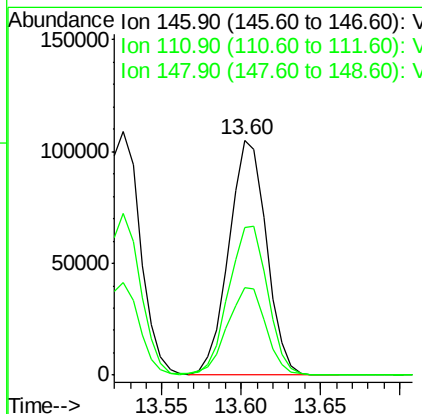
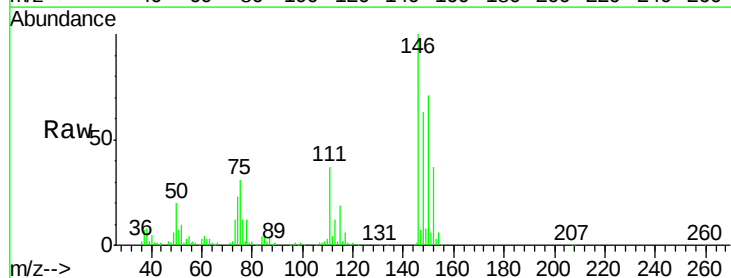
RT: 13.60 min Scan# 1986

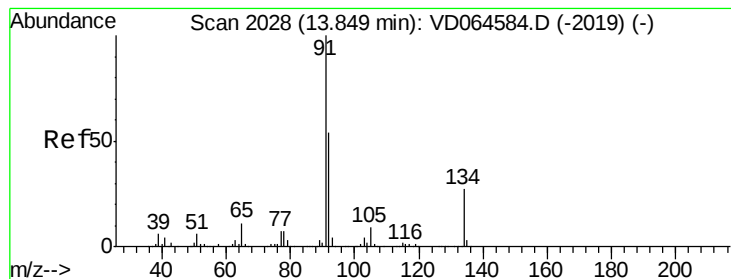
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	146	Resp:	172998
Ion Ratio	Lower	Upper	
146	100		
111	38.6	18.1	54.1
148	65.8	32.3	96.9





#89

n-Butylbenzene

Concen: 21.442 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Instrument :

MSVOA_D

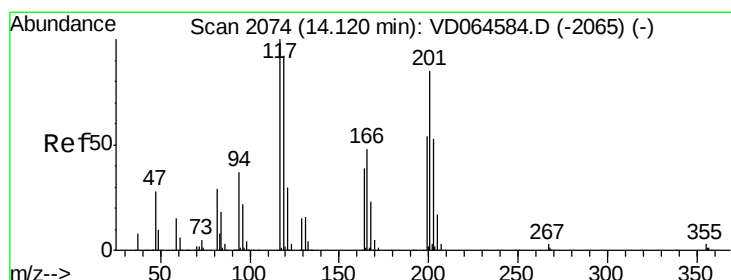
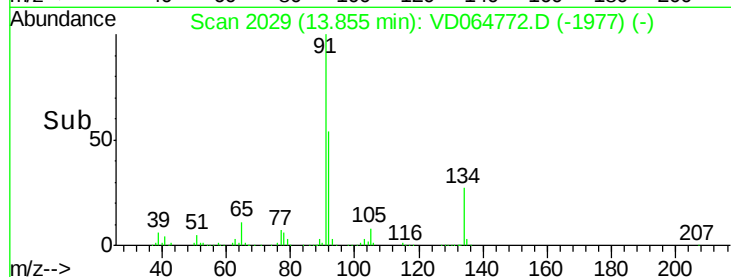
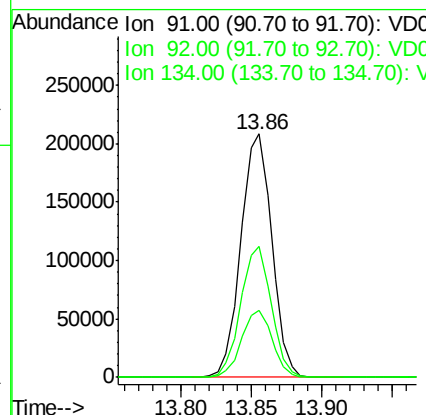
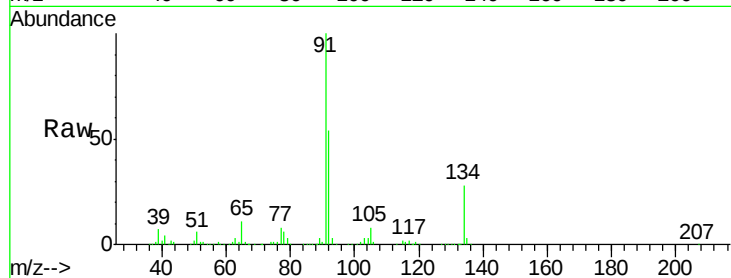
ClientSampleId :

VD0106SBS01

Tgt Ion:	91	Resp:	319643
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	27.3	14.0	41.9

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#90

Hexachloroethane

Concen: 22.412 ug/l

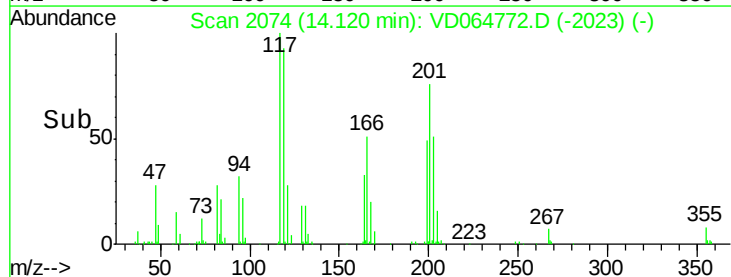
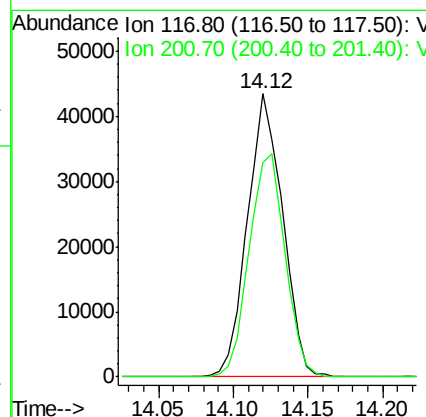
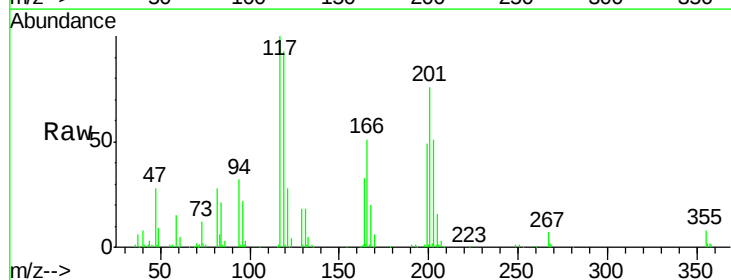
RT: 14.12 min Scan# 2074

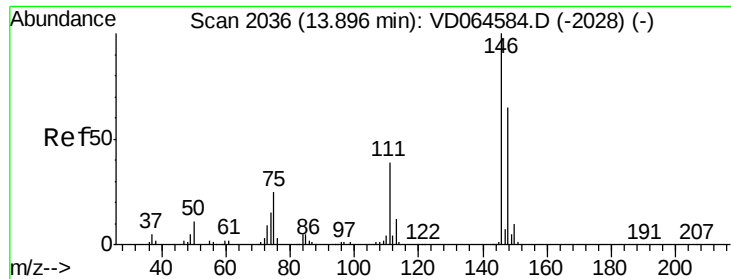
Delta R.T. 0.00 min

Lab File: VD064772.D

Acq: 06 Jan 2020 14:48

Tgt Ion:	117	Resp:	70869
Ion	Ratio	Lower	Upper
117	100		
201	80.5	44.0	131.8





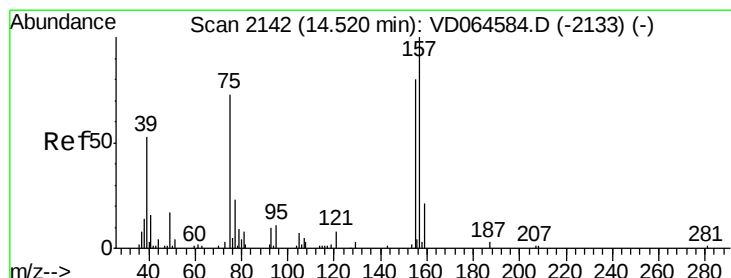
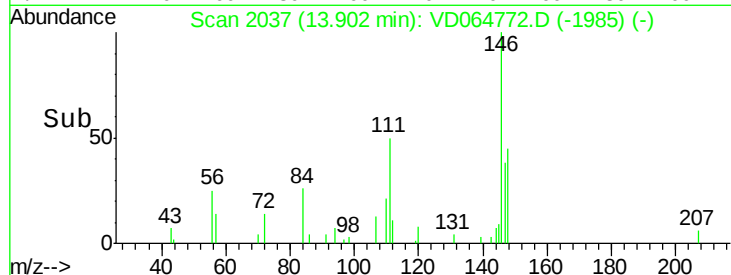
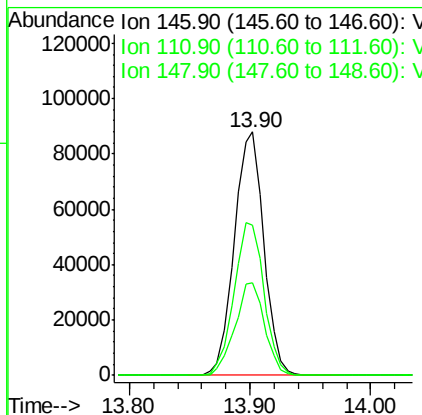
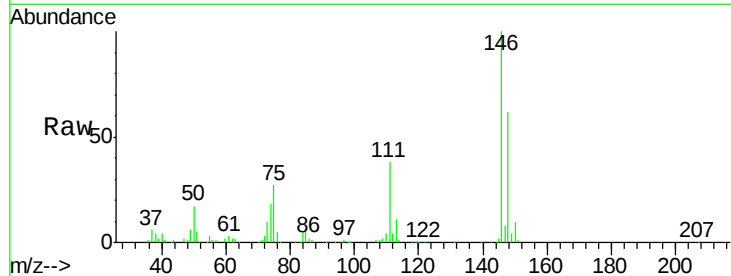
#91
 1,2-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	149585		
111	38.2	19.3	57.9	
148	63.8	31.9	95.5	

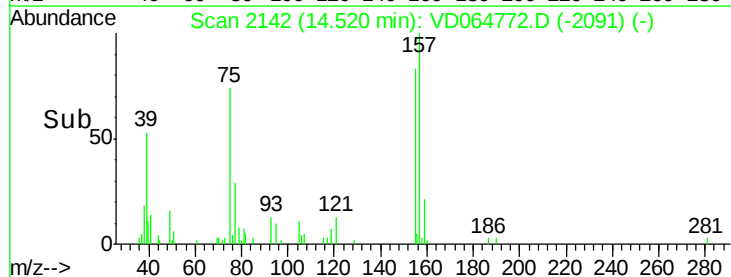
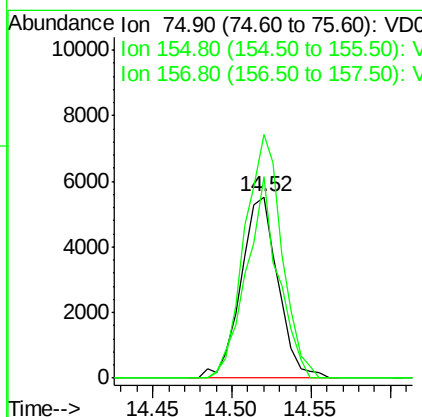
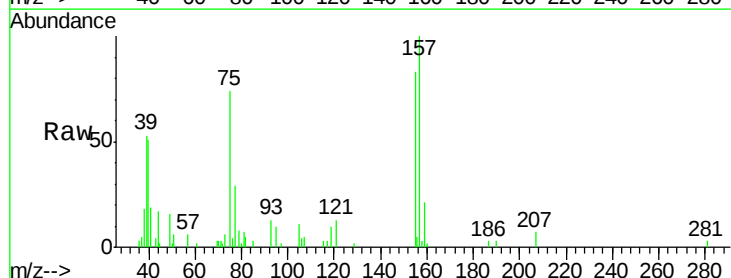
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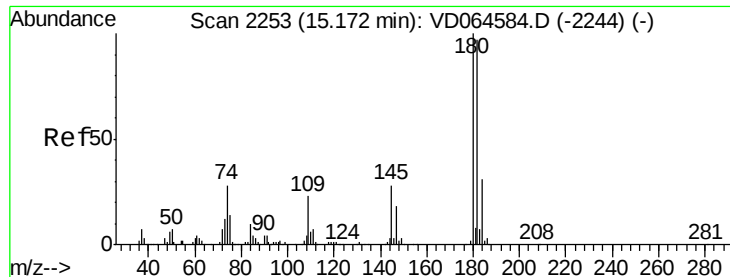
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.929 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8986		
155	95.9	48.0	144.0	
157	135.1	64.1	192.3	





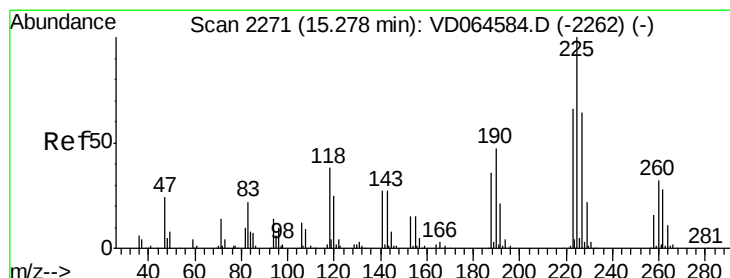
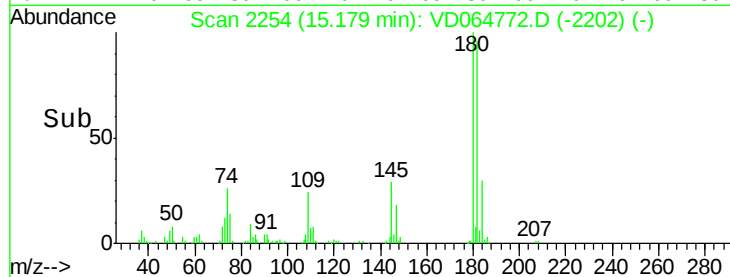
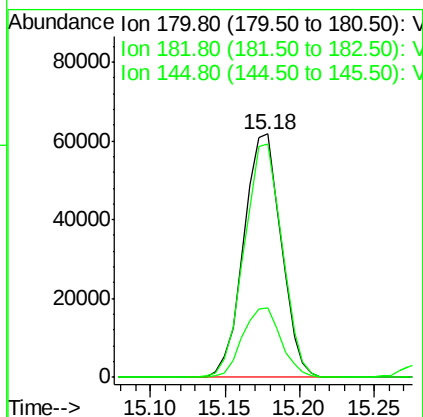
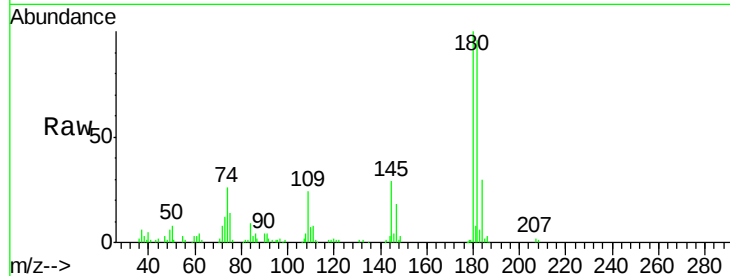
#93
 1,2,4-Trichlorobenzene
 Concen: 20.603 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107284		
182	97.0	48.0	144.2	
145	29.3	13.8	41.4	

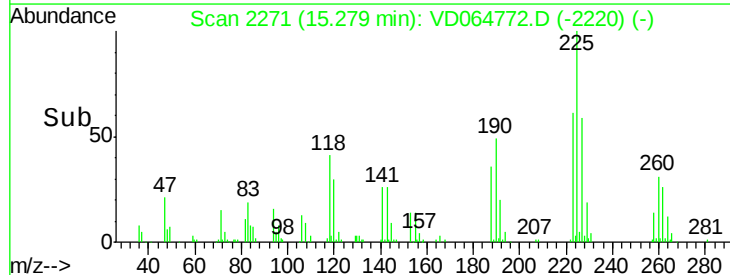
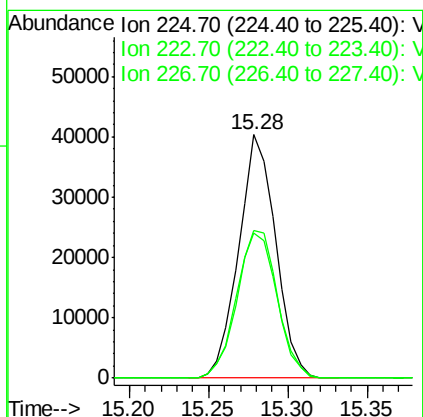
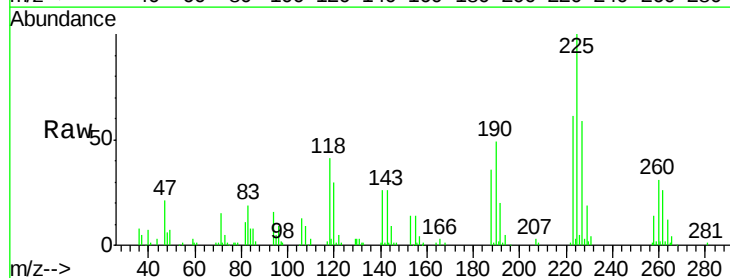
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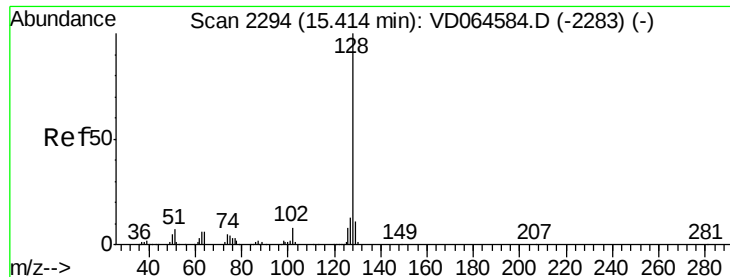
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#94
 Hexachlorobutadiene
 Concen: 19.925 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064772.D
 Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65289		
223	66.6	31.1	93.2	
227	65.0	30.9	92.7	





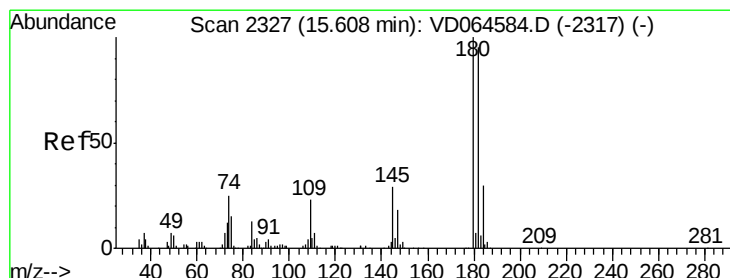
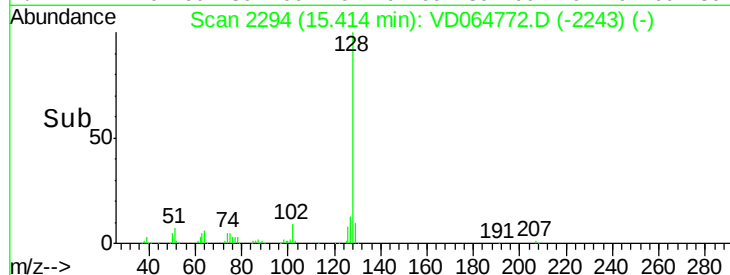
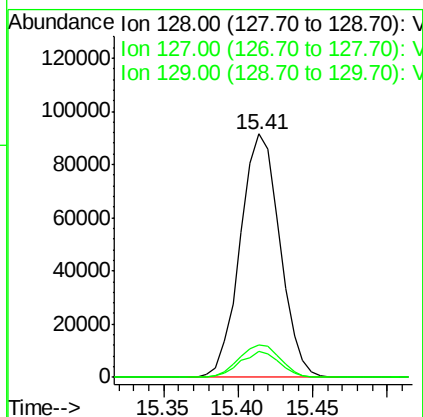
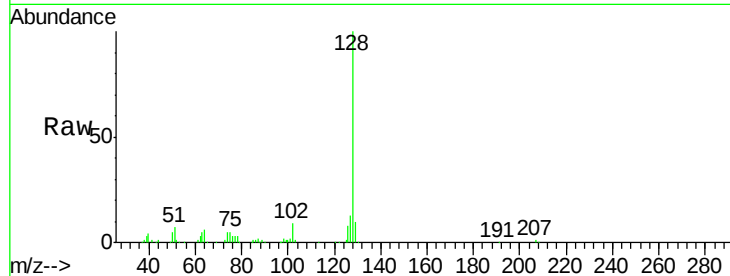
#95
Naphthalene
Concen: 20.453 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	168489		
127	13.9	10.3	15.5	
129	10.4	8.5	12.7	

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#96
1,2,3-Trichlorobenzene
Concen: 20.264 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064772.D
Acq: 06 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90079		
182	95.5	47.9	143.7	
145	30.5	14.9	44.7	

