

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064791.D
 Acq On : 07 Jan 2020 14:15
 Operator : VA/SY
 Sample : VD0107SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBS01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:26:36 AM

Quant Time: Jan 08 08:05:55 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	327414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	482231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211149	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160385	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
35) Dibromofluoromethane	7.92	113	158379	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.34	98	601055	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.64	95	189895	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	52059	20.459	ug/l	97
3) Chloromethane	2.21	50	80286	22.561	ug/l	98
4) Vinyl Chloride	2.35	62	97108	22.381	ug/l	95
5) Bromomethane	2.76	94	70401	22.315	ug/l	95
6) Chloroethane	2.92	64	66375	22.830	ug/l	99
7) Trichlorofluoromethane	3.27	101	161981	22.172	ug/l	98
8) Diethyl Ether	3.71	74	33512	23.100	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	63768	21.076	ug/l	99
10) Methyl Iodide	4.29	142	68383	21.041	ug/l	98
11) Tert butyl alcohol	5.26	59	18838	113.852	ug/l #	83
12) 1,1-Dichloroethene	4.06	96	64029	22.228	ug/l	97
13) Acrolein	3.92	56	20313	88.090	ug/l	97
14) Allyl chloride	4.70	41	102294	22.777	ug/l	99
15) Acrylonitrile	5.43	53	68550	113.438	ug/l	97
16) Acetone	4.17	43	72702	114.442	ug/l	92
17) Carbon Disulfide	4.40	76	196304	21.076	ug/l	99
18) Methyl Acetate	4.73	43	40461	24.893	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	144039	22.513	ug/l	96
20) Methylene Chloride	4.97	84	77890	23.820	ug/l	98
21) trans-1,2-Dichloroethene	5.46	96	72795	22.190	ug/l	95
22) Diisopropyl ether	6.37	45	210186	23.464	ug/l	97
23) Vinyl Acetate	6.31	43	571670	112.500	ug/l	99
24) 1,1-Dichloroethane	6.26	63	127936	23.790	ug/l	97
25) 2-Butanone	7.22	43	93216	117.461	ug/l	92
26) 2,2-Dichloropropane	7.21	77	110443	22.089	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	80311	22.684	ug/l	98
28) Bromochloromethane	7.55	49	42369	20.268	ug/l	98
29) Tetrahydrofuran	7.57	42	55996	113.463	ug/l	99
30) Chloroform	7.71	83	134062	23.761	ug/l	97
31) Cyclohexane	7.98	56	112874	20.968	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	124175	23.432	ug/l	99
36) 1,1-Dichloropropene	8.11	75	103264	22.248	ug/l	99
37) Ethyl Acetate	7.30	43	39407	21.612	ug/l #	96
38) Carbon Tetrachloride	8.10	117	108372	21.897	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	117142	20.838	ug/l	94
40) Benzene	8.35	78	285579	22.539	ug/l	99
41) Methacrylonitrile	7.53	41	26827	25.358	ug/l	94
42) 1,2-Dichloroethane	8.43	62	85192	23.267	ug/l	99
43) Isopropyl Acetate	8.46	43	78348	21.587	ug/l	99
44) Trichloroethene	9.11	130	81732	21.958	ug/l	100
45) 1,2-Dichloropropane	9.39	63	70807	23.405	ug/l	100
46) Dibromomethane	9.48	93	38079	22.576	ug/l	99
47) Bromodichloromethane	9.66	83	102639	22.868	ug/l	94
48) Methyl methacrylate	9.46	41	37144	21.736	ug/l	91
49) 1,4-Dioxane	9.47	88	8887	456.943	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	196984	109.808	ug/l	98
52) Toluene	10.40	92	185749	22.345	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	94892	22.677	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	113804	23.065	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	53945	23.732	ug/l	95
56) Ethyl methacrylate	10.66	69	62277	21.937	ug/l	97
57) 1,3-Dichloropropane	10.95	76	89701	22.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	123487	114.174	ug/l	99
59) 2-Hexanone	10.99	43	140927	115.746	ug/l	99
60) Dibromochloromethane	11.14	129	70389	22.392	ug/l	98
61) 1,2-Dibromoethane	11.25	107	49378	22.024	ug/l	96
64) Tetrachloroethene	10.88	164	71018	21.603	ug/l	91
65) Chlorobenzene	11.67	112	198608	22.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	75756	22.595	ug/l	98
67) Ethyl Benzene	11.75	91	355091	21.998	ug/l	97
68) m/p-Xylenes	11.86	106	272215	43.690	ug/l	100
69) o-Xylene	12.18	106	121369	21.566	ug/l	100
70) Styrene	12.20	104	216354	21.902	ug/l	99
71) Bromoform	12.37	173	42304	22.126	ug/l #	99
73) Isopropylbenzene	12.48	105	328457	21.768	ug/l	99
74) N-amyl acetate	12.29	43	71542	22.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	54811	23.123	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	35383m	21.221	ug/l	
77) Bromobenzene	12.77	156	82326	22.204	ug/l	98
78) n-propylbenzene	12.83	91	394583	22.415	ug/l	100
79) 2-Chlorotoluene	12.91	91	216290	22.367	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	272631	21.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	18203	22.833	ug/l	98
82) 4-Chlorotoluene	13.01	91	228502	22.204	ug/l	99
83) tert-Butylbenzene	13.23	119	231696	21.529	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	273482	22.154	ug/l	98
85) sec-Butylbenzene	13.41	105	327403	22.191	ug/l	99
86) p-Isopropyltoluene	13.53	119	305983	21.689	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	158579	22.436	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	154610	22.267	ug/l	99
89) n-Butylbenzene	13.86	91	277418	21.836	ug/l	99
90) Hexachloroethane	14.12	117	59320	22.012	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	132631	22.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	8994	23.406	ug/l	92

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	15.17	180	97121	21.885	ug/l	97
94) Hexachlorobutadiene	15.28	225	59854	21.434	ug/l	98
95) Naphthalene	15.41	128	147424	20.999	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	80271	21.188	ug/l	98

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

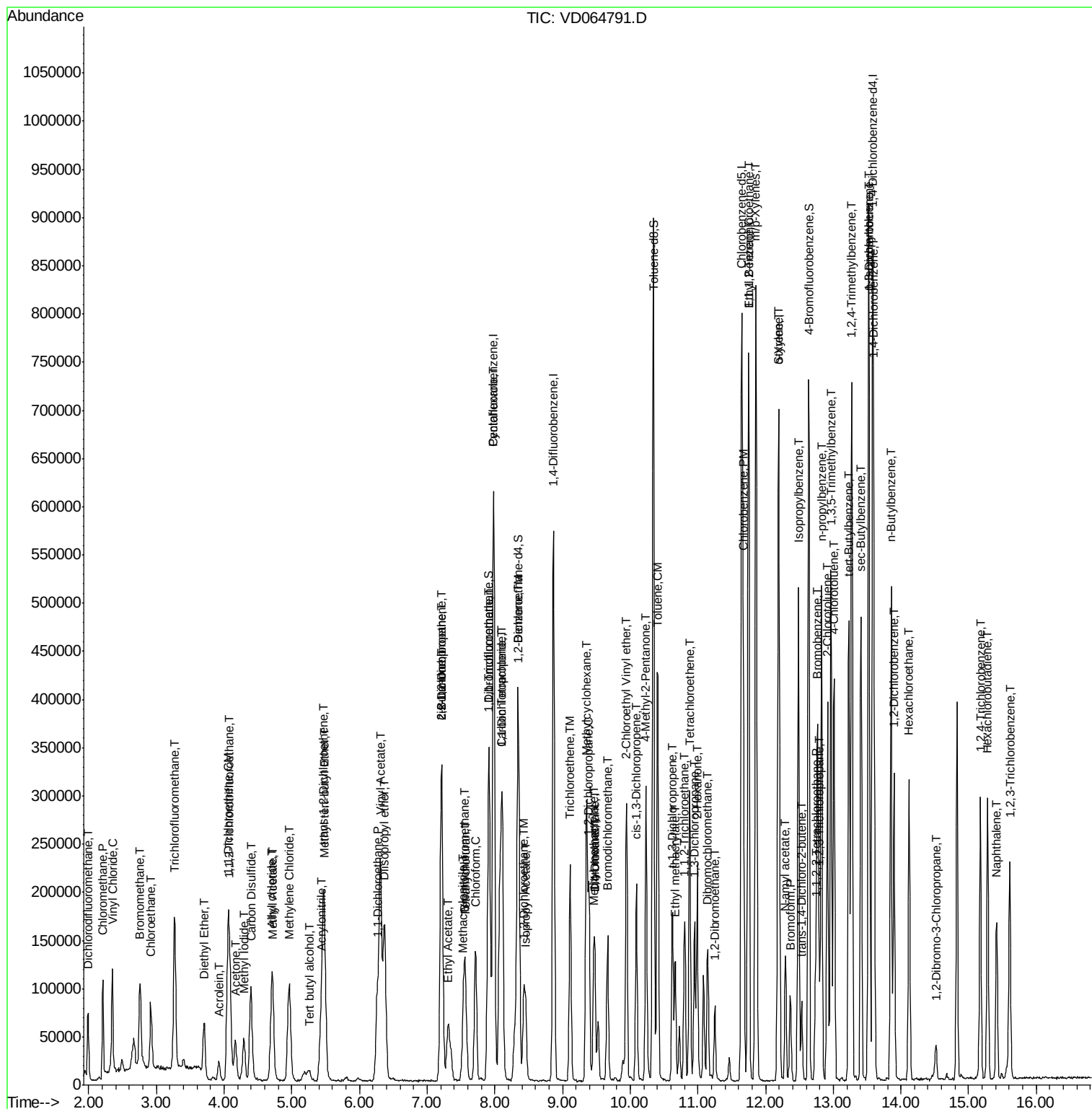
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
Data File : VD064791.D
Acq On : 07 Jan 2020 14:15
Operator : VA/SY
Sample : VD0107SBS01
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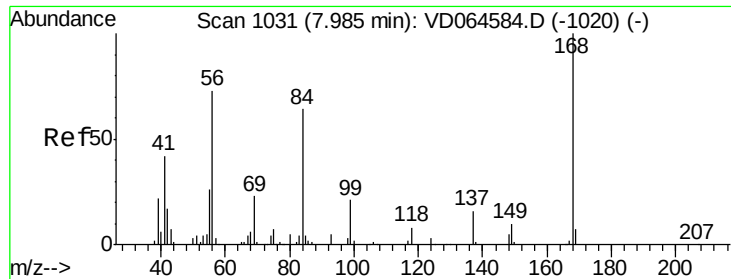
Instrument :
MSVOA_D
Client Sample Id :
VD0107SBS01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion:168 Resp: 327414

Ion Ratio Lower Upper

168 100

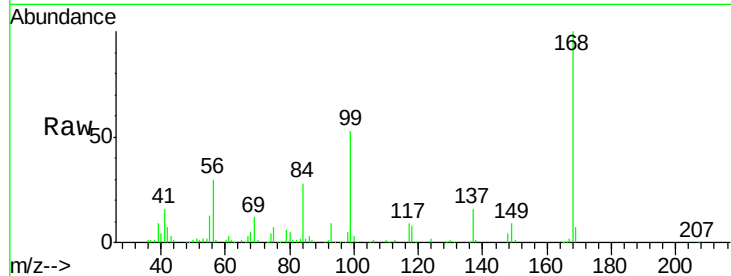
99 53.3 41.8 62.6

Manual Integrations

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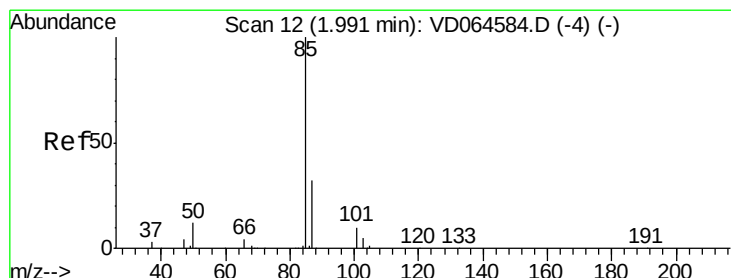
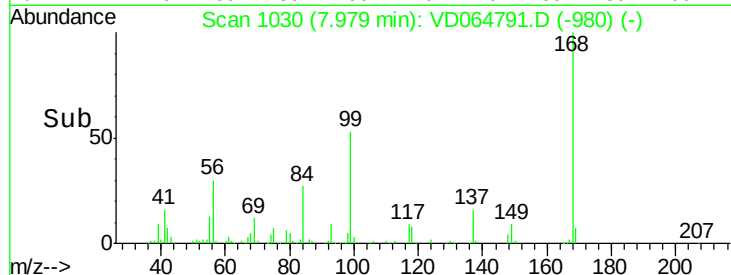
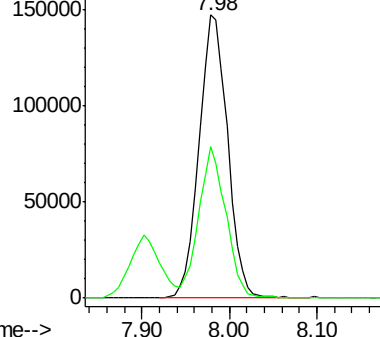
apatel

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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: 20.459 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064791.D

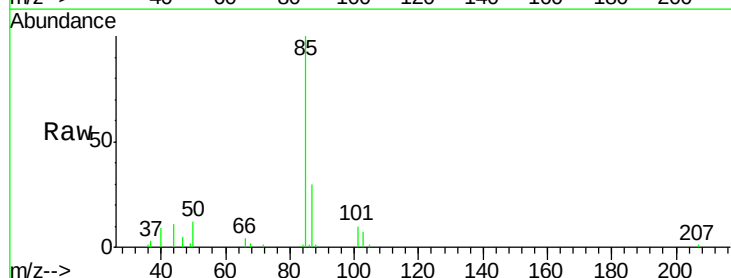
Acq: 07 Jan 2020 14:15

Tgt Ion: 85 Resp: 52059

Ion Ratio Lower Upper

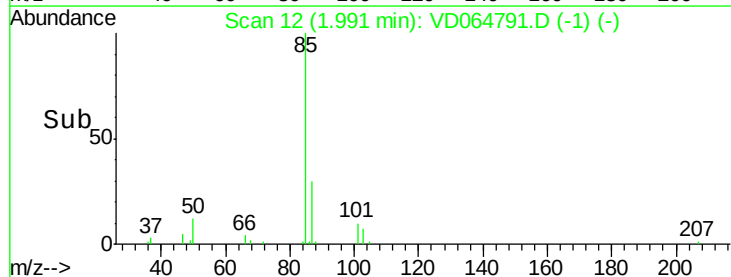
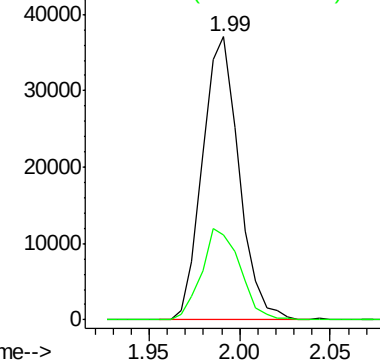
85 100

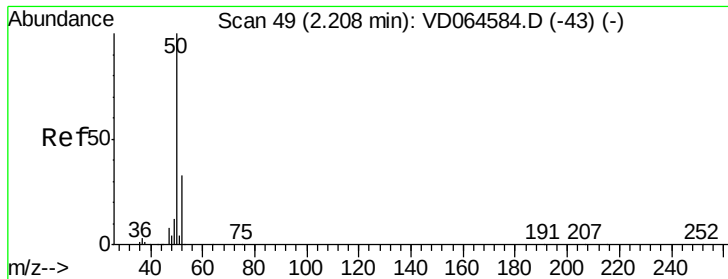
87 30.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.561 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 50 Resp: 80286

Ion Ratio Lower Upper

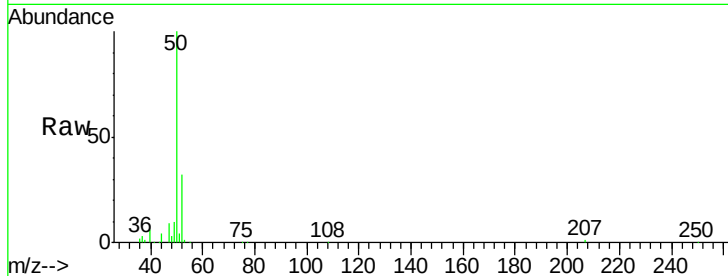
50 100

52 32.1 26.5 39.7

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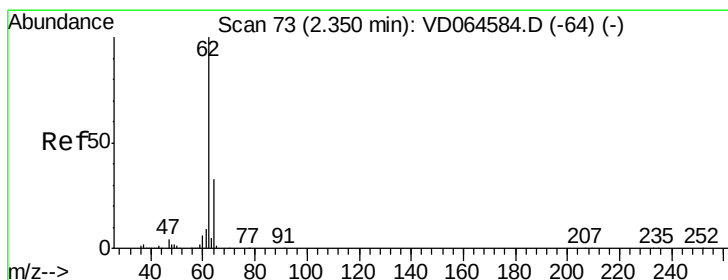
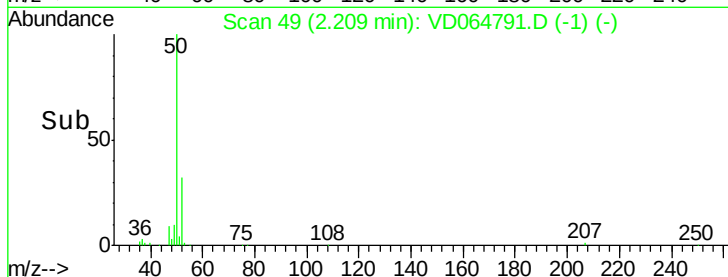
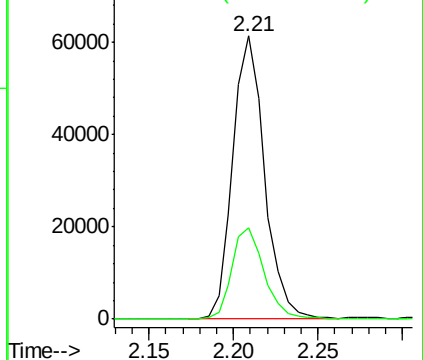
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.381 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064791.D

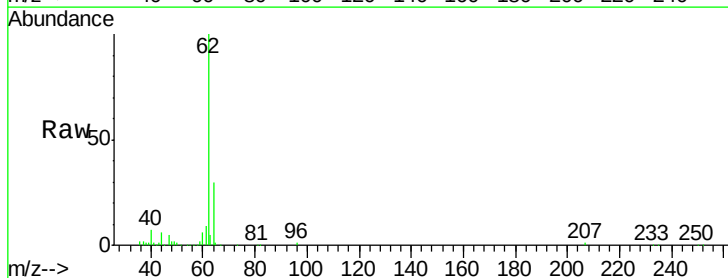
Acq: 07 Jan 2020 14:15

Tgt Ion: 62 Resp: 97108

Ion Ratio Lower Upper

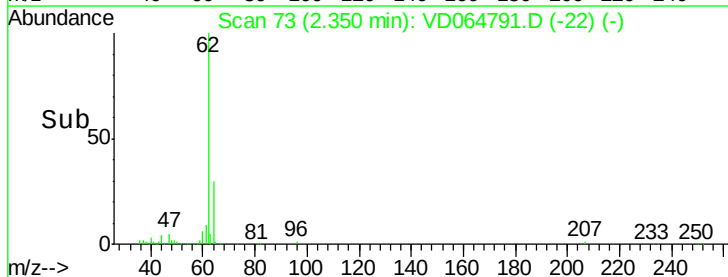
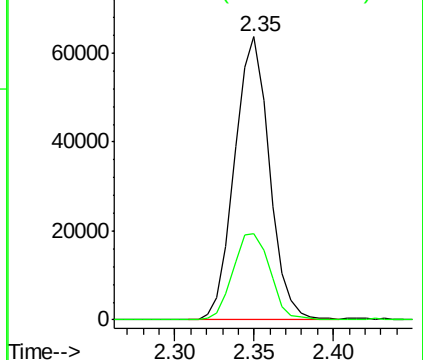
62 100

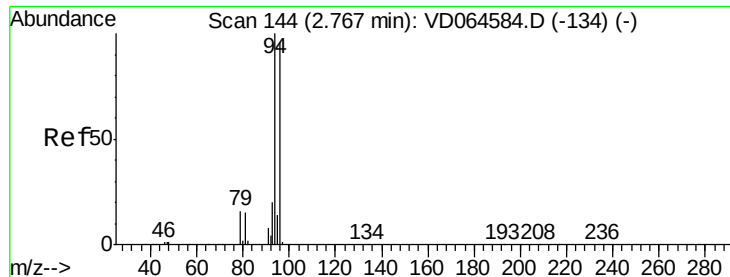
64 30.5 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.315 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 94 Resp: 70401

Ion Ratio Lower Upper

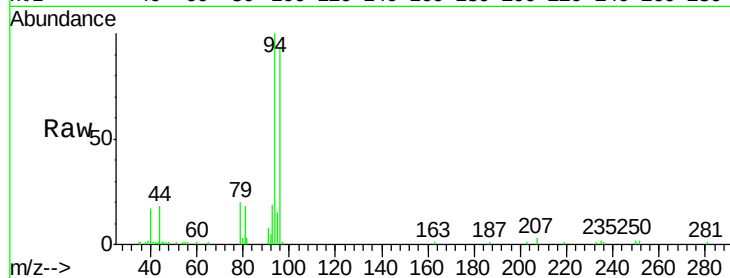
94 100

96 91.3 77.2 115.8

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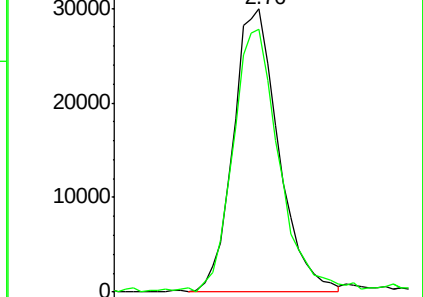
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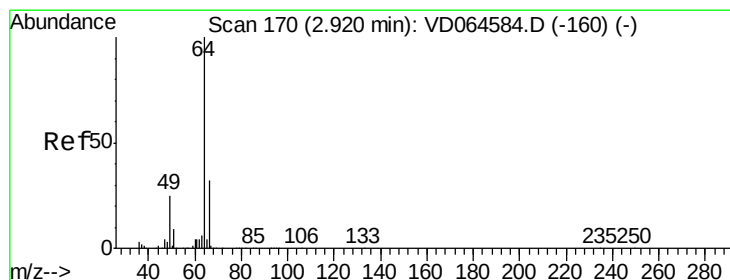
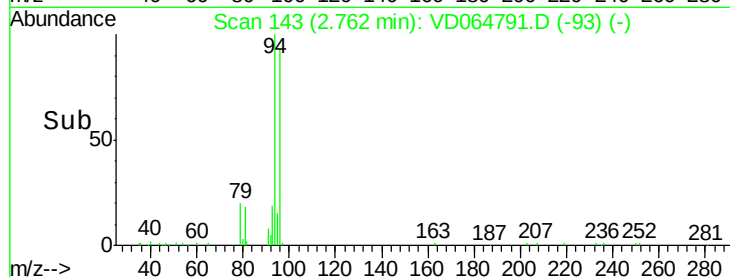


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 22.830 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064791.D

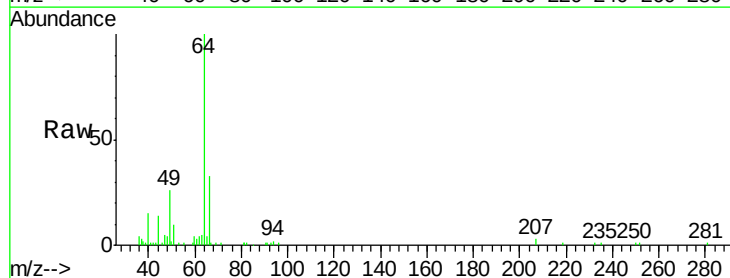
Acq: 07 Jan 2020 14:15

Tgt Ion: 64 Resp: 66375

Ion Ratio Lower Upper

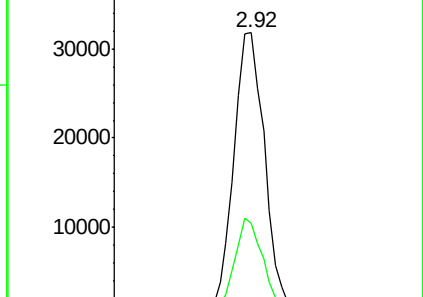
64 100

66 32.9 25.9 38.9

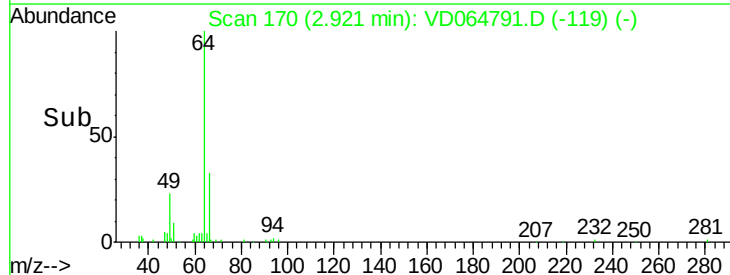


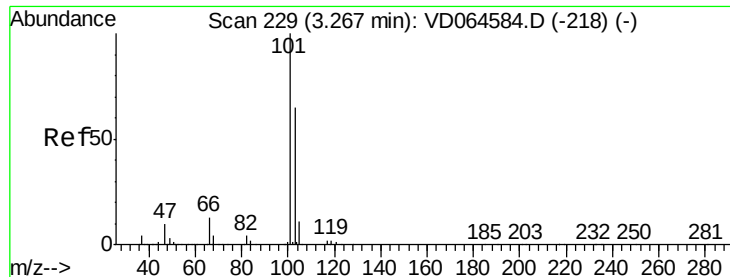
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

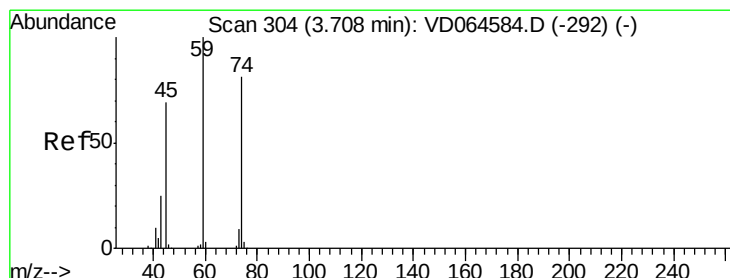
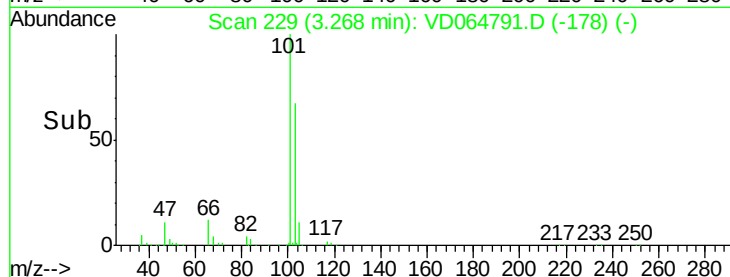
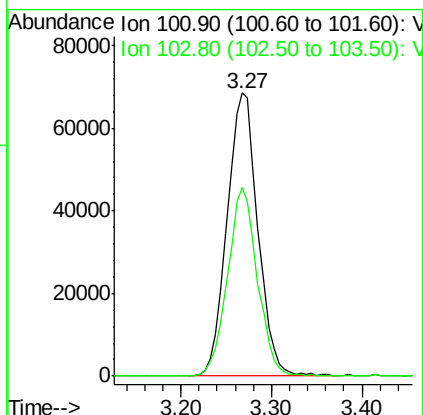
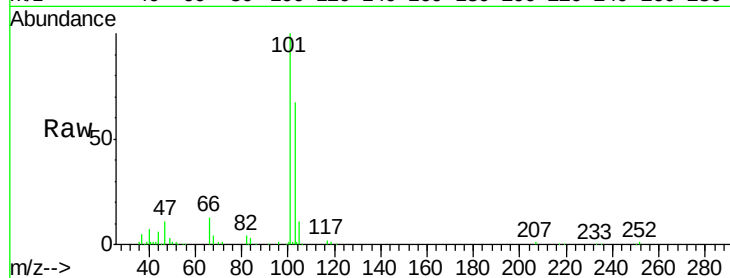
Trichlorofluoromethane
 Concen: 22.172 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

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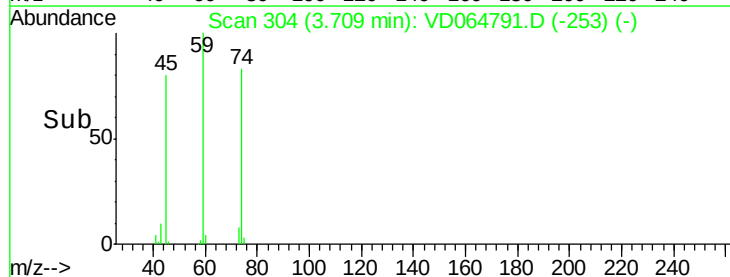
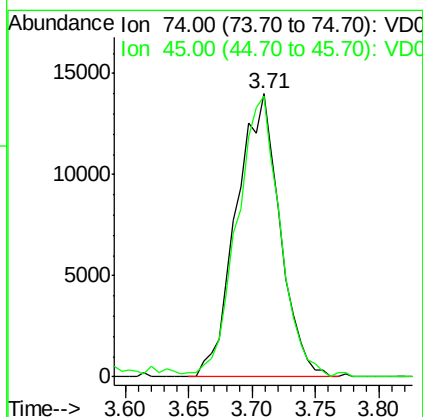
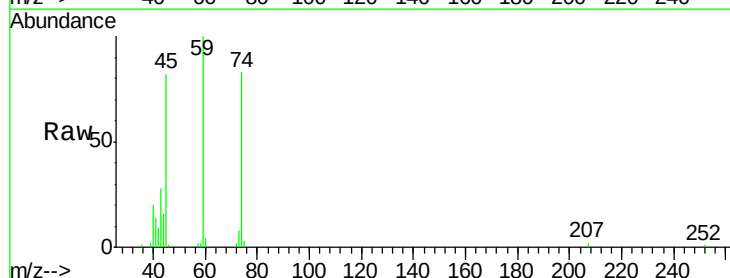
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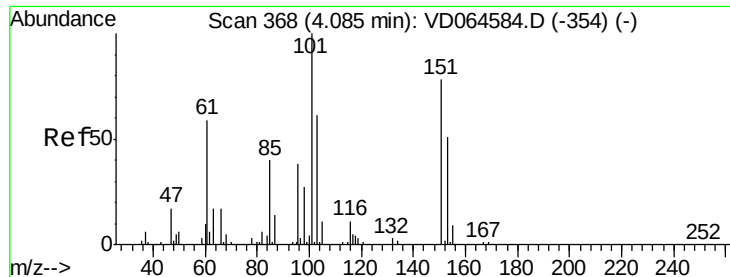


#8

Diethyl Ether
 Concen: 23.100 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.076 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

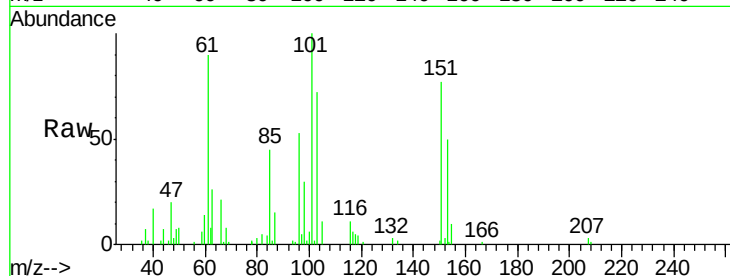
ClientSampleId :

VD0107SBSD01

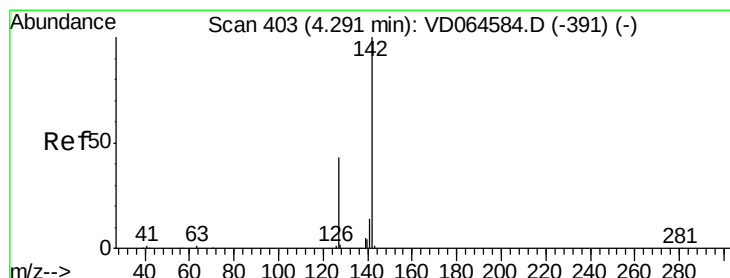
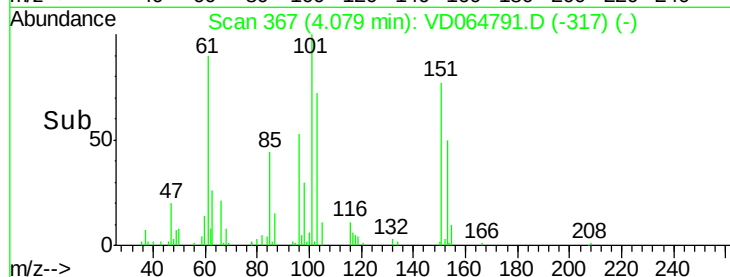
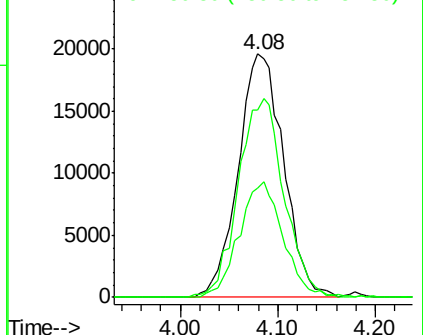
Tgt Ion:	101	Resp:	63768
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.2	52.8
151	82.5	66.2	99.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.041 ug/l

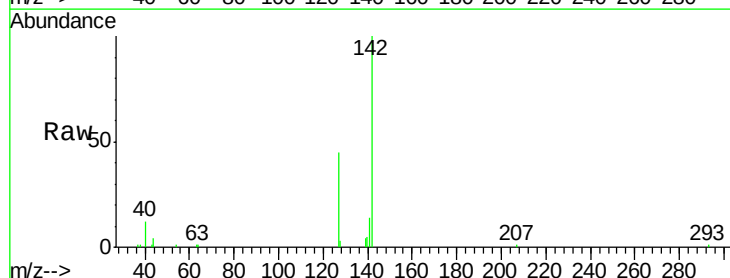
RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

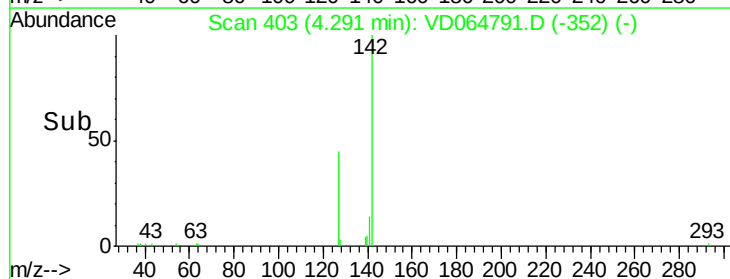
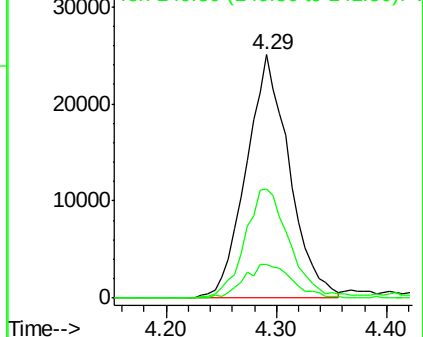
Lab File: VD064791.D

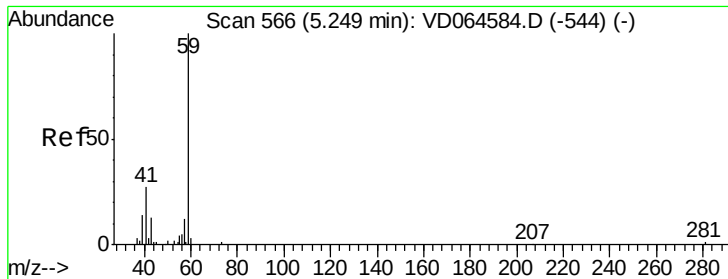
Acq: 07 Jan 2020 14:15

Tgt Ion:	142	Resp:	68383
Ion Ratio	Lower	Upper	
142	100		
127	47.0	36.2	54.4
141	15.5	11.8	17.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

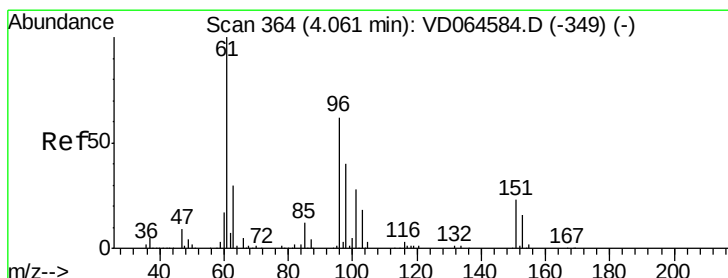
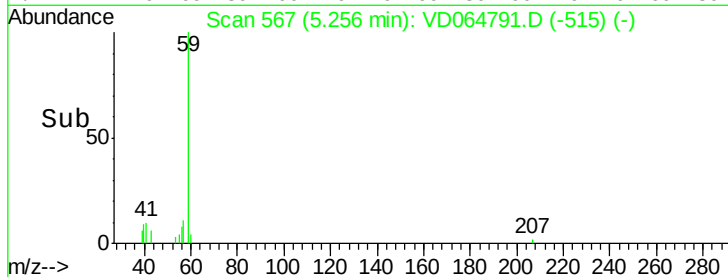
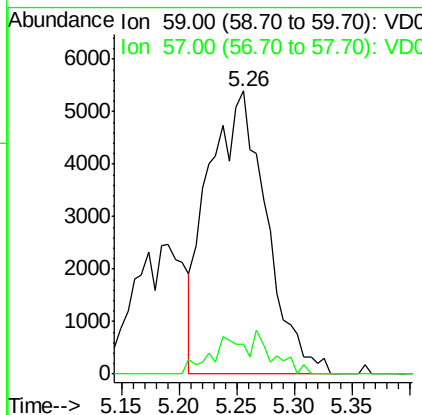
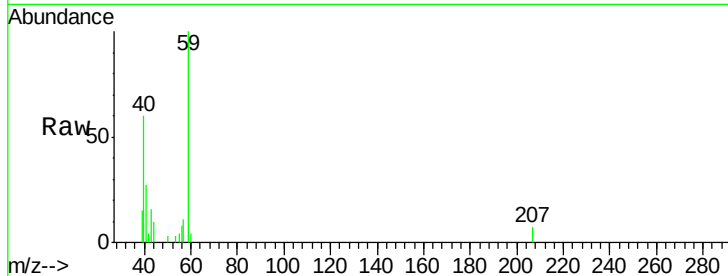
Tert butyl alcohol
Concen: 113.852 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.1	9.3	13.9#

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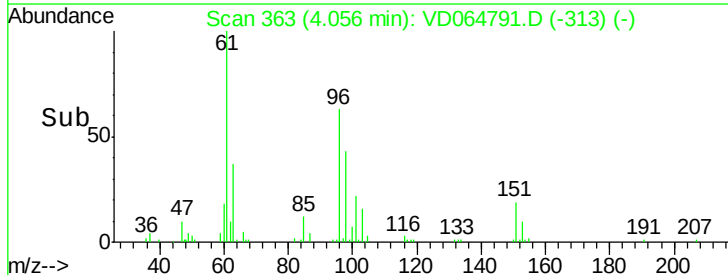
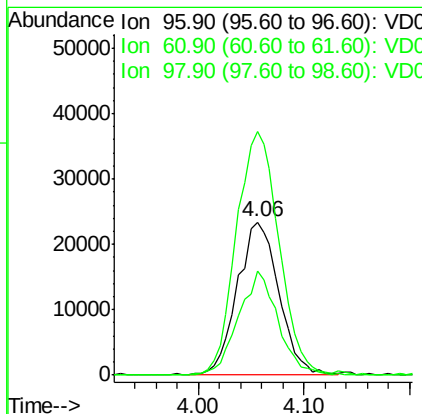
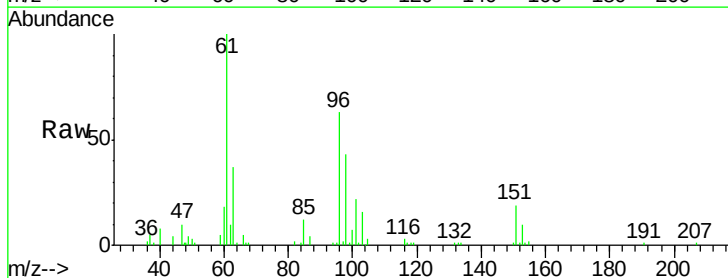
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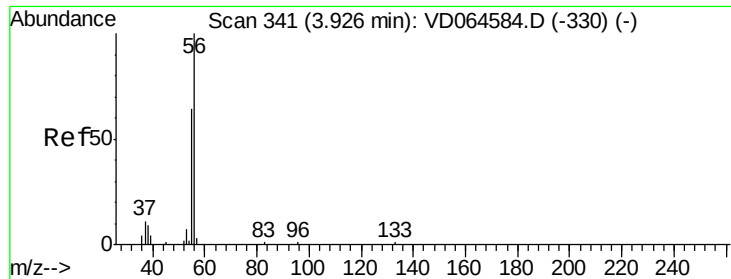


#12

1,1-Dichloroethene
Concen: 22.228 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	129.4	194.0
98	67.7	51.4	77.0





#13

Acrolein

Concen: 88.090 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBSD01

Tgt Ion: 56 Resp: 20313

Ion Ratio Lower Upper

56 100

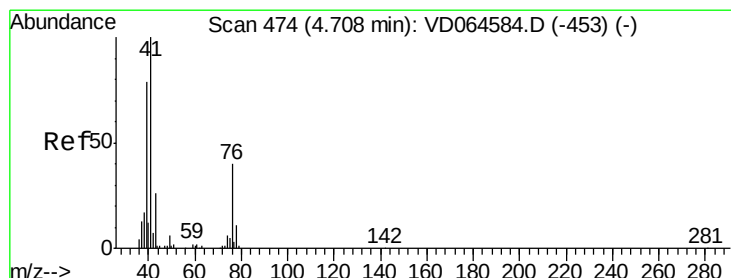
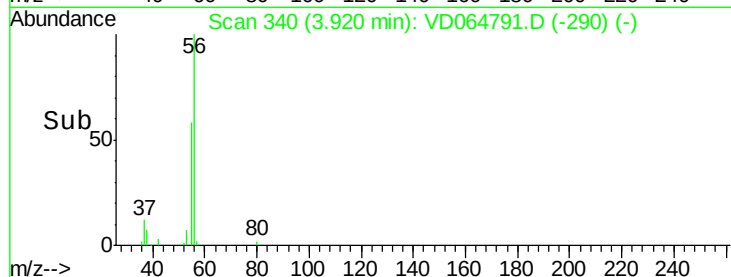
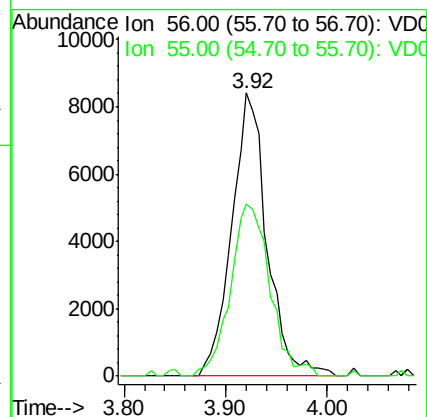
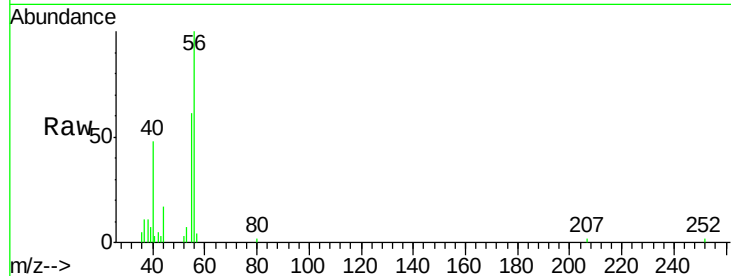
55 68.1 56.7 85.1

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#14

Allyl chloride

Concen: 22.777 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

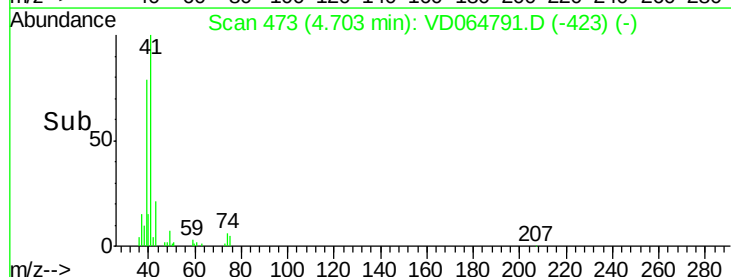
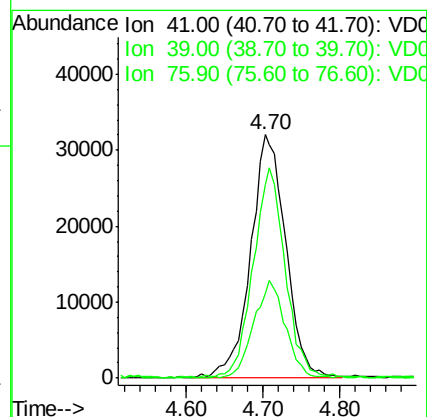
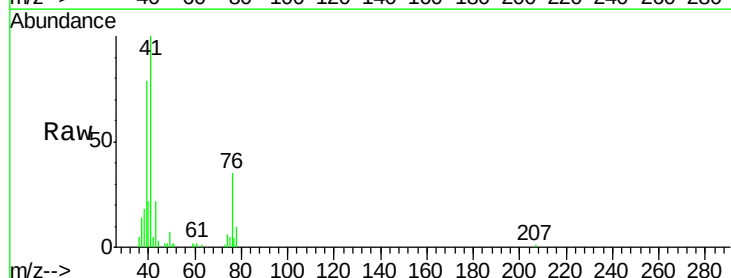
Tgt Ion: 41 Resp: 102294

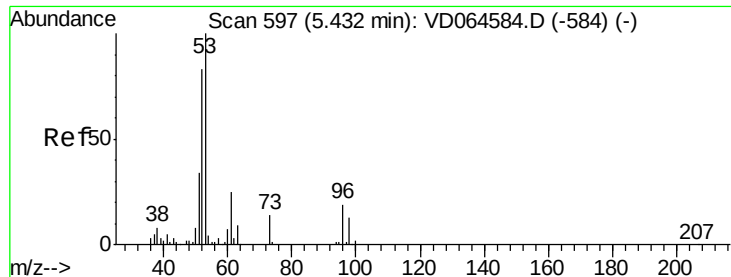
Ion Ratio Lower Upper

41 100

39 79.1 62.3 93.5

76 36.3 29.7 44.5





#15

Acrylonitrile

Concen: 113.438 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

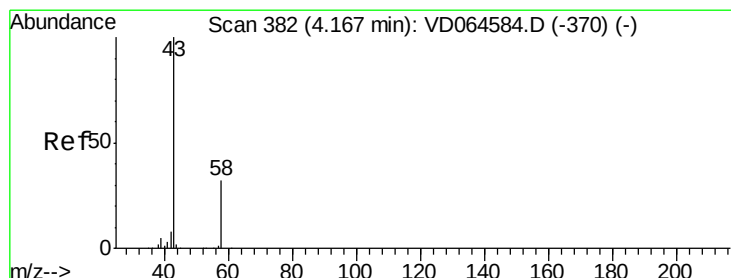
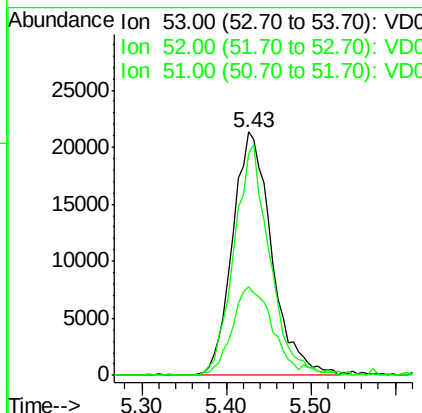
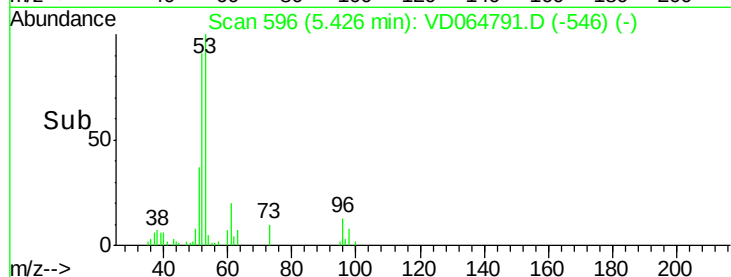
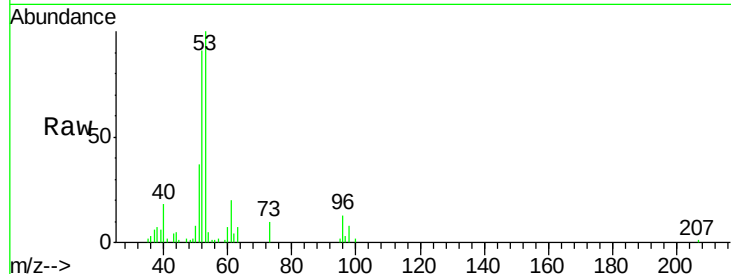
ClientSampleId :

VD0107SBS01

Tgt Ion:	53	Resp:	68550
Ion	Ratio	Lower	Upper
53	100		
52	85.9	66.2	99.2
51	37.0	30.1	45.1

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#16

Acetone

Concen: 114.442 ug/l

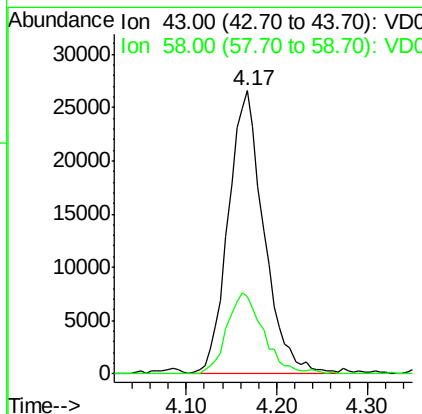
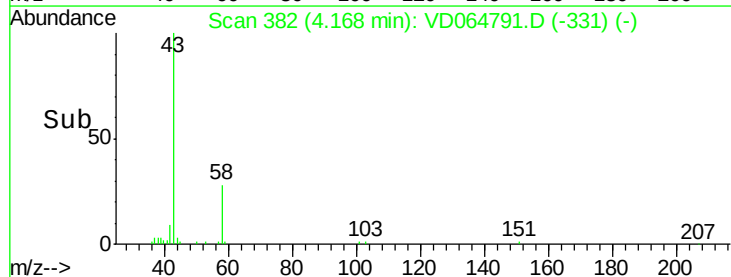
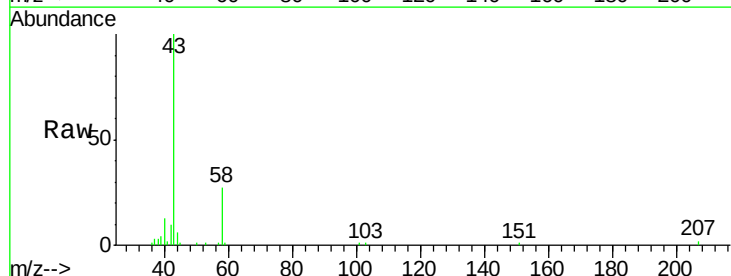
RT: 4.17 min Scan# 382

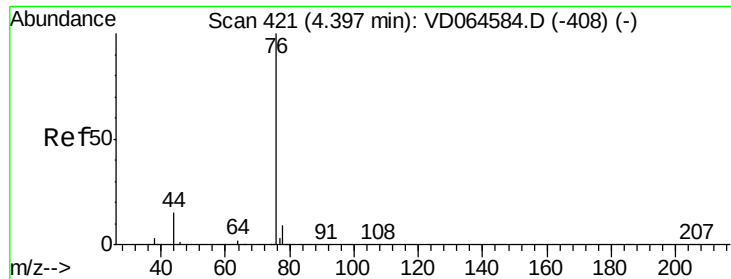
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	43	Resp:	72702
Ion	Ratio	Lower	Upper
43	100		
58	27.5	25.8	38.6





#17

Carbon Disulfide

Concen: 21.076 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBSD01

Tgt Ion: 76 Resp: 196304

Ion Ratio Lower Upper

76 100

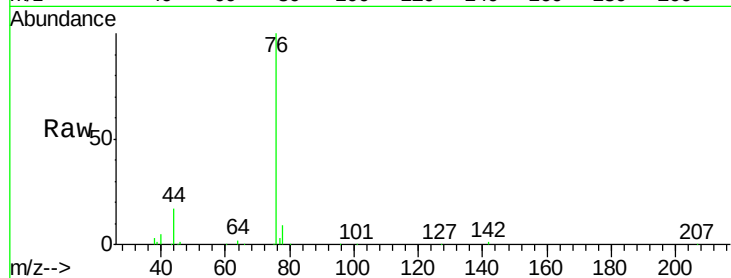
78 9.3 7.3 10.9

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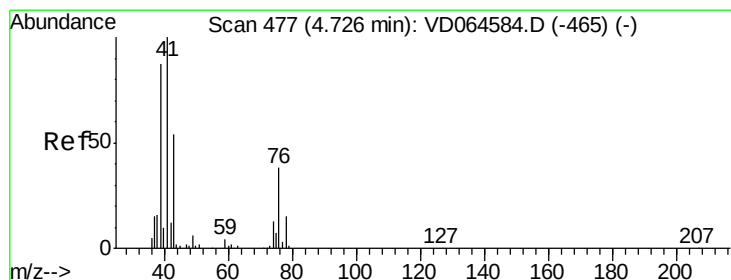
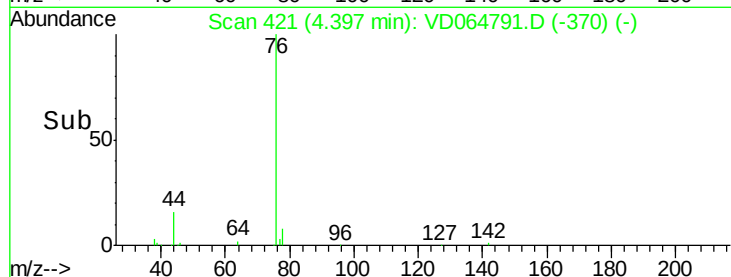
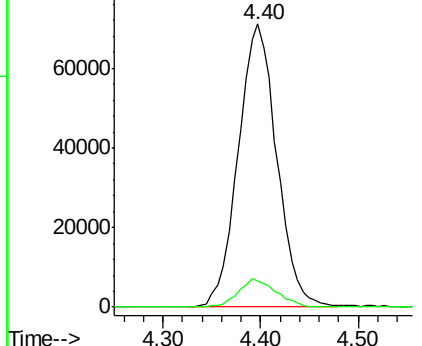
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.893 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064791.D

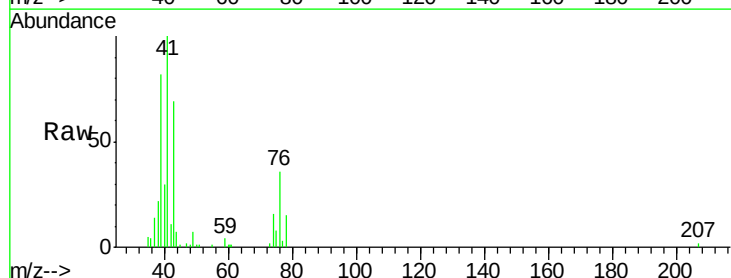
Acq: 07 Jan 2020 14:15

Tgt Ion: 43 Resp: 40461

Ion Ratio Lower Upper

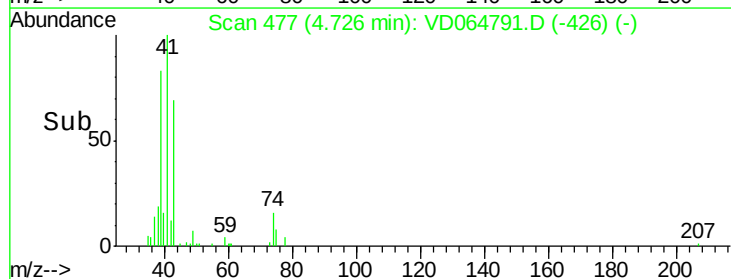
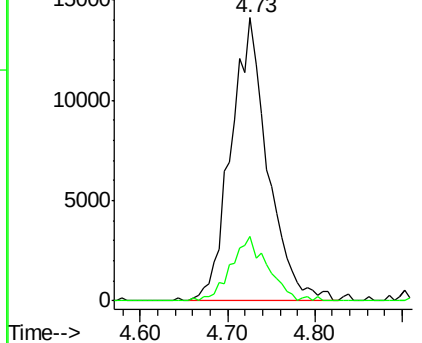
43 100

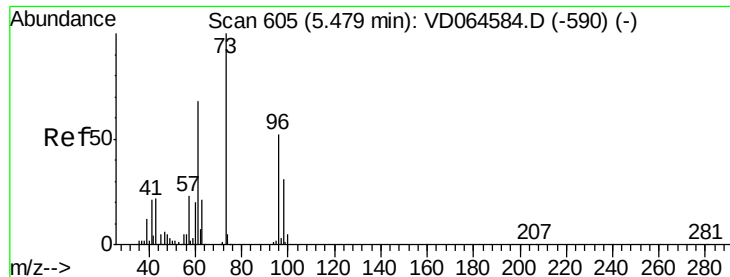
74 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

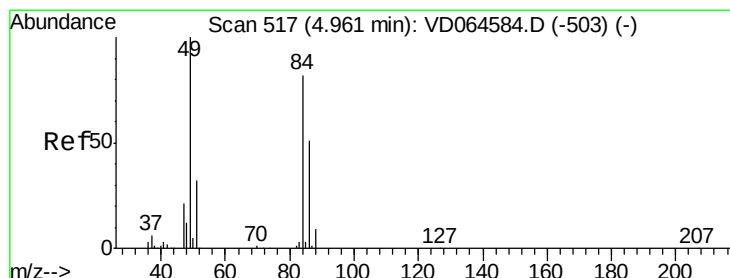
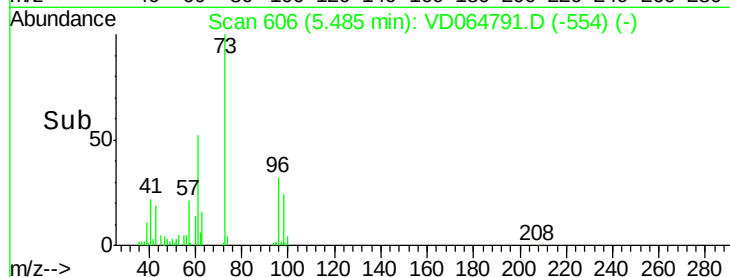
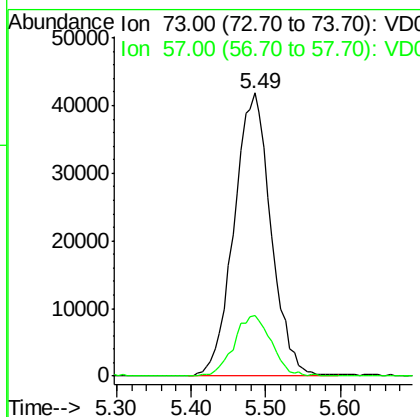
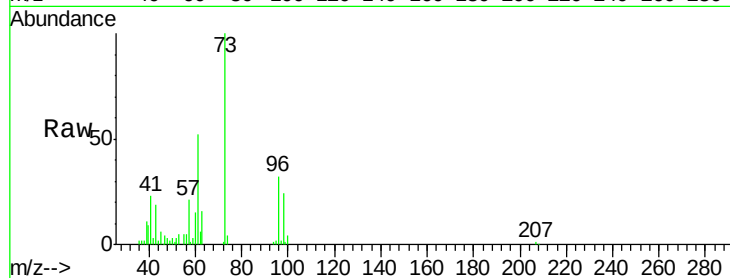
Methyl tert-butyl Ether
 Concen: 22.513 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBS01

Tgt Ion: 73 Resp: 144039
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.6 27.8

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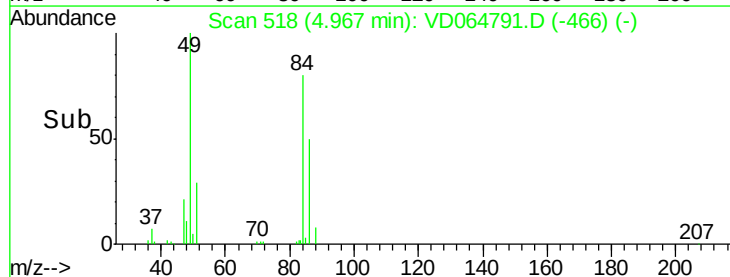
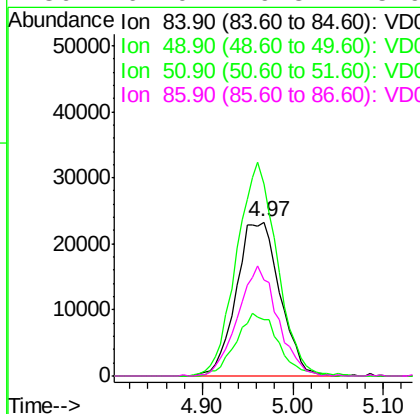
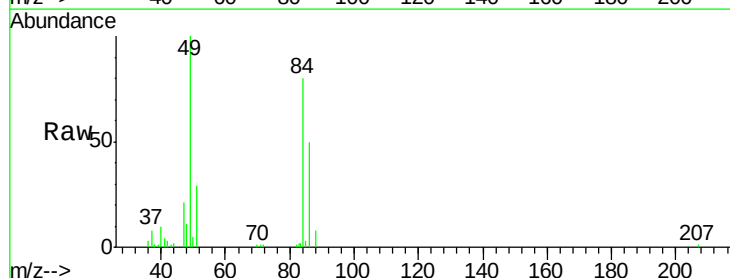
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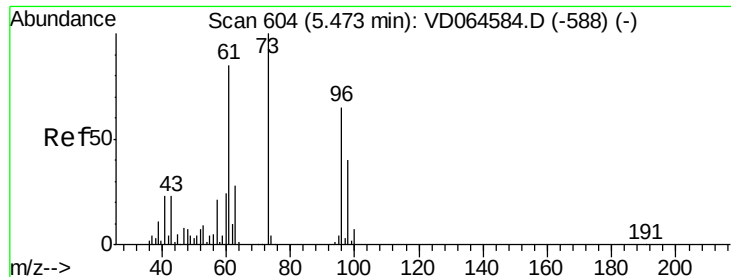


#20

Methylene Chloride
 Concen: 23.820 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 84 Resp: 77890
 Ion Ratio Lower Upper
 84 100
 49 124.5 97.2 145.8
 51 36.7 31.4 47.0
 86 62.0 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 22.190 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

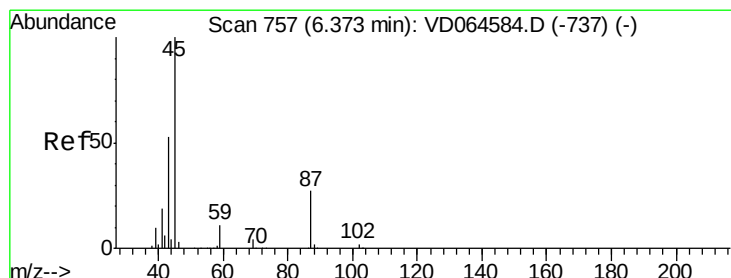
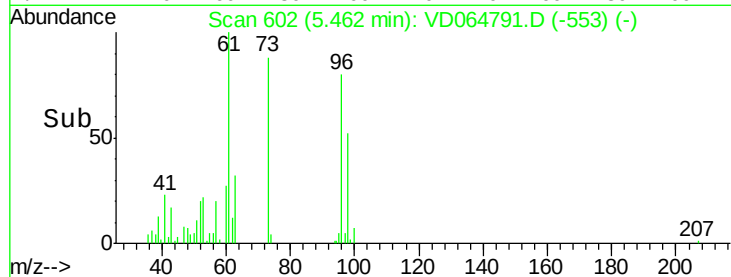
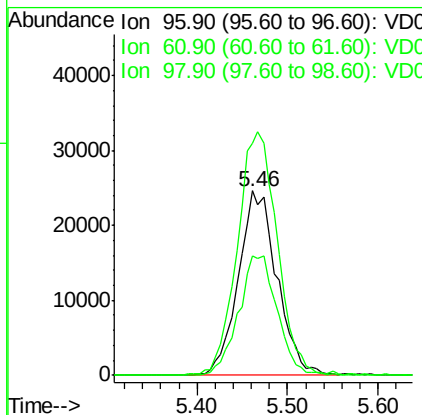
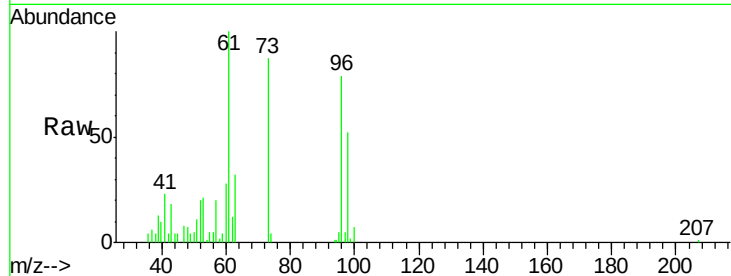
ClientSampleId :

VD0107SBSD01

Tgt Ion:	96	Resp:	72795
Ion	Ratio	Lower	Upper
96	100		
61	125.3	104.7	157.1
98	65.1	49.4	74.2

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#22

Diisopropyl ether

Concen: 23.464 ug/l

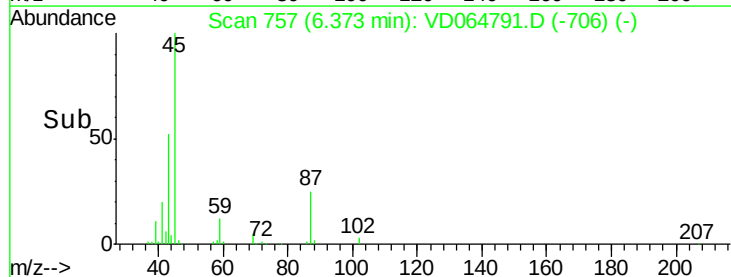
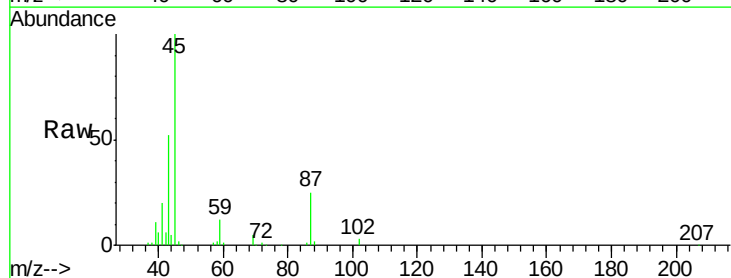
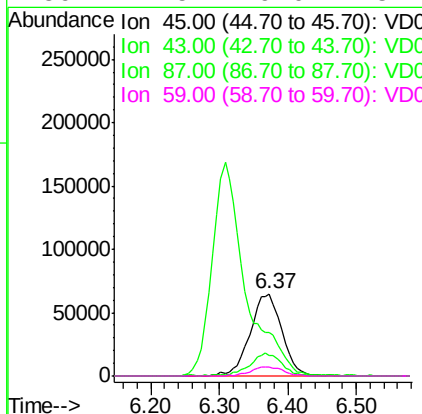
RT: 6.37 min Scan# 757

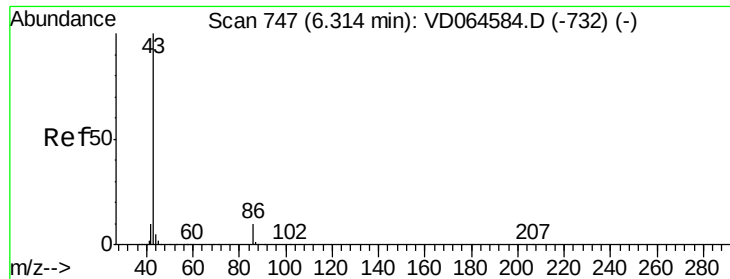
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	45	Resp:	210186
Ion	Ratio	Lower	Upper
45	100		
43	51.5	43.2	64.8
87	25.4	21.9	32.9
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 112.500 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBSD01

Tgt Ion: 43 Resp: 571670

Ion Ratio Lower Upper

43 100

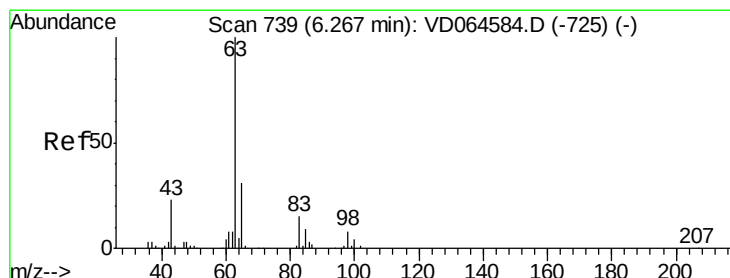
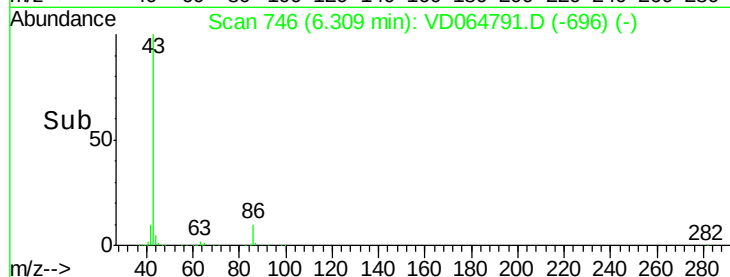
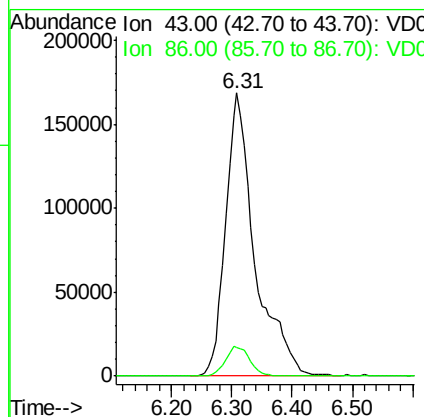
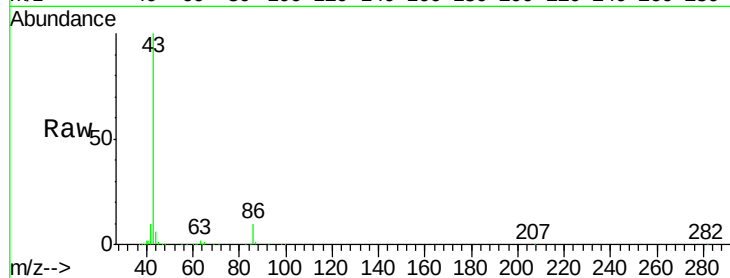
86 10.0 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 23.790 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

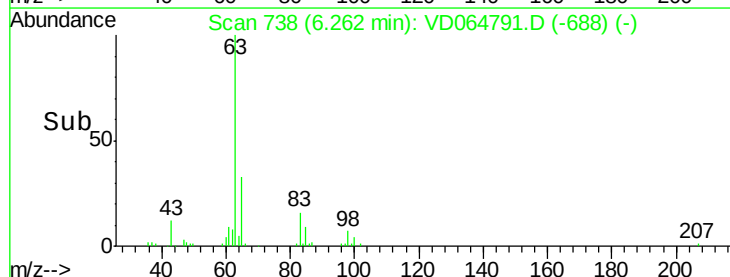
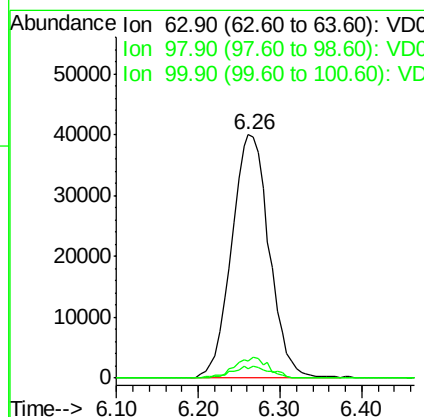
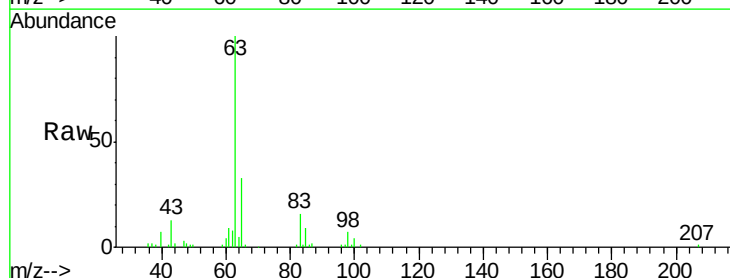
Tgt Ion: 63 Resp: 127936

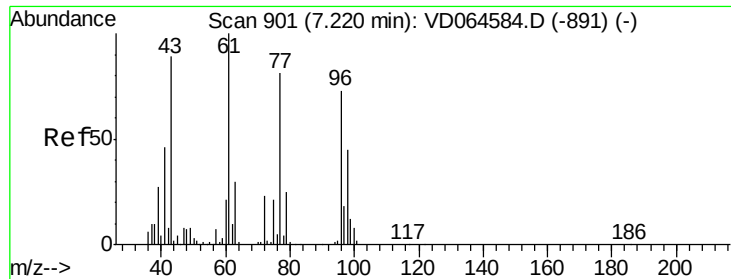
Ion Ratio Lower Upper

63 100

98 6.9 4.1 12.3

100 3.6 2.2 6.6





#25

2-Butanone

Concen: 117.461 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 43 Resp: 93216

Ion Ratio Lower Upper

43 100

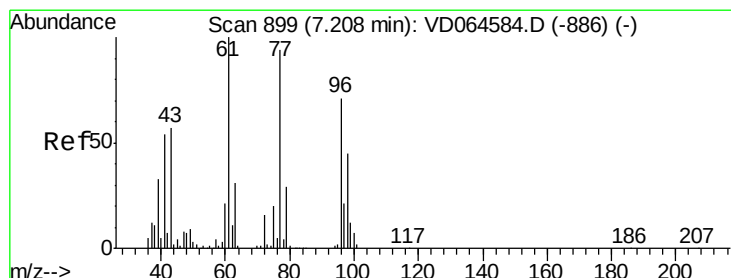
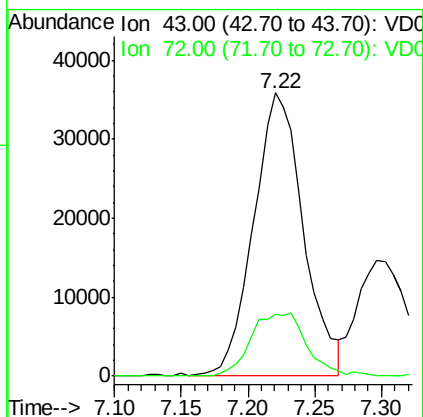
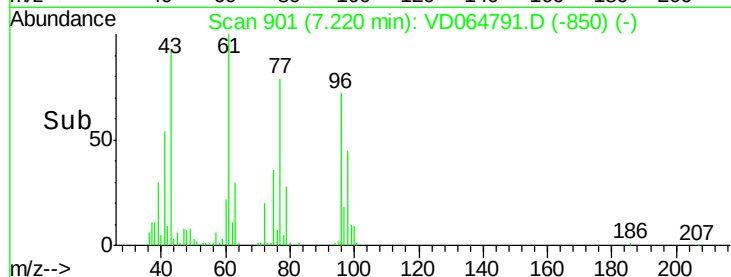
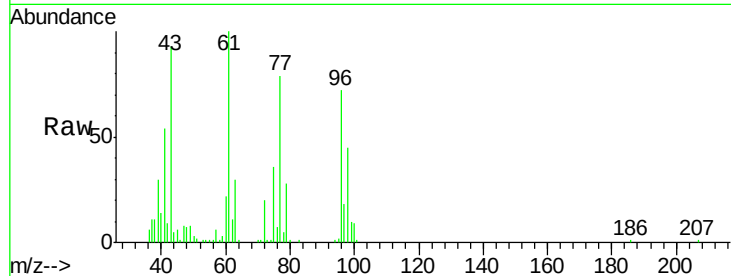
72 21.7 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 22.089 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD064791.D

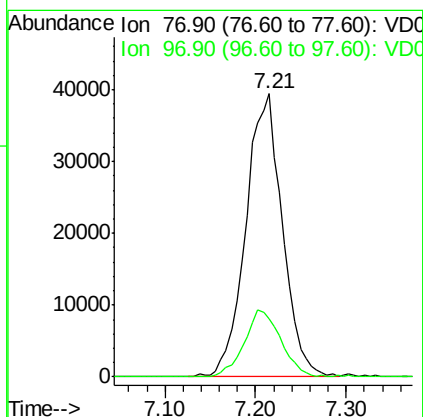
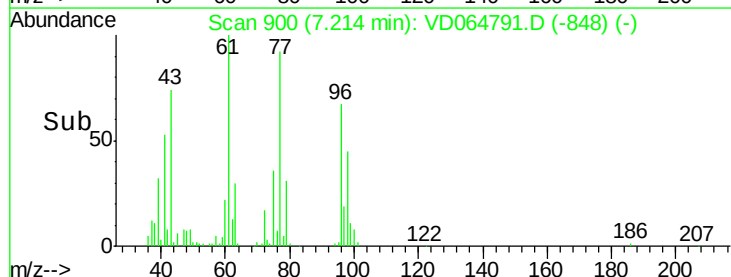
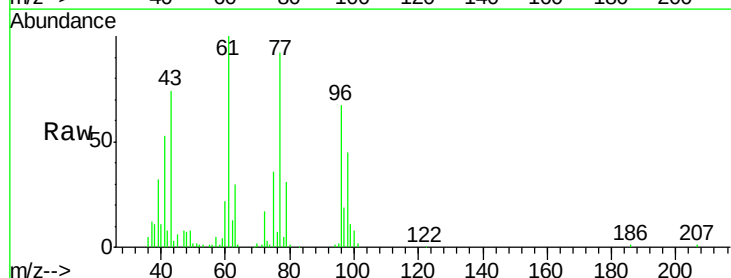
Acq: 07 Jan 2020 14:15

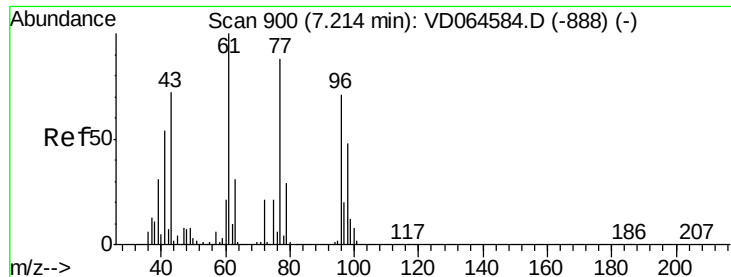
Tgt Ion: 77 Resp: 110443

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 22.684 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

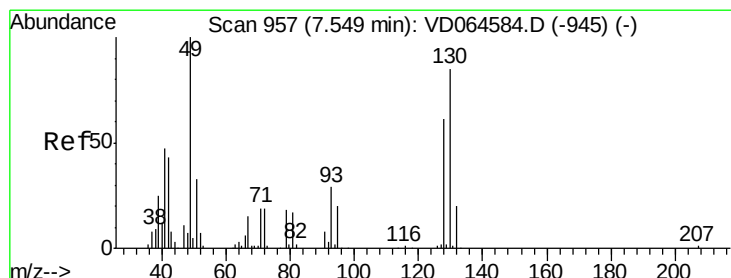
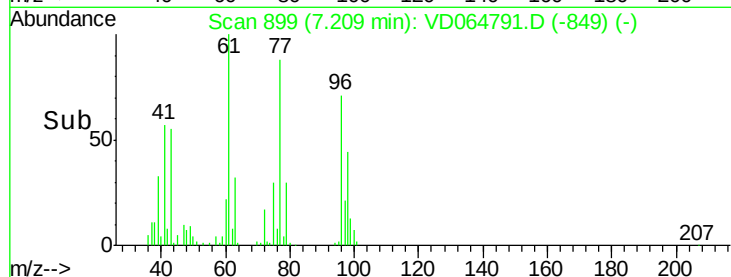
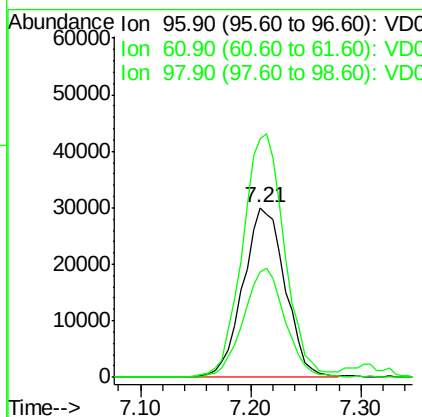
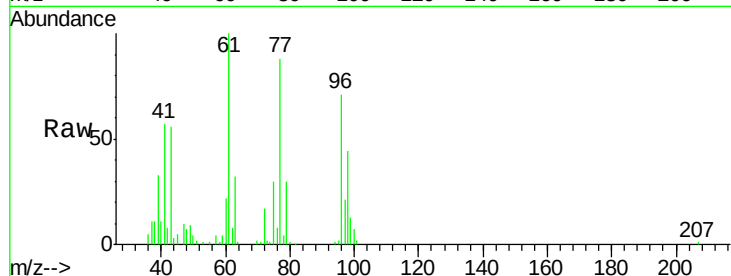
ClientSampleId :

VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	80311		
61	142.8	0.0	282.6	
98	63.5	0.0	130.8	

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#28

Bromochloromethane

Concen: 20.268 ug/l

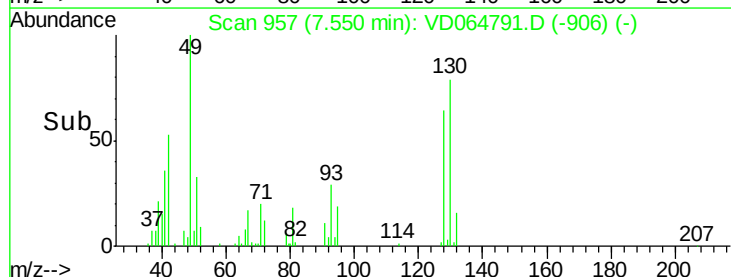
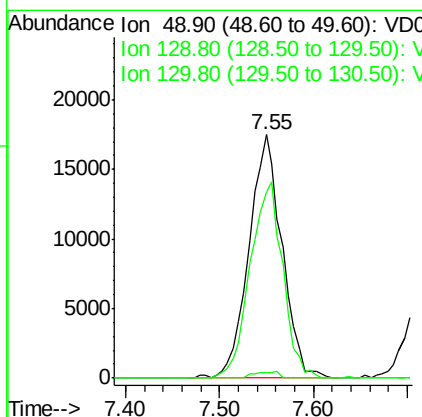
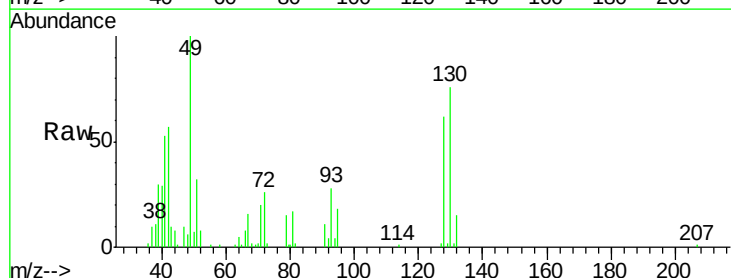
RT: 7.55 min Scan# 957

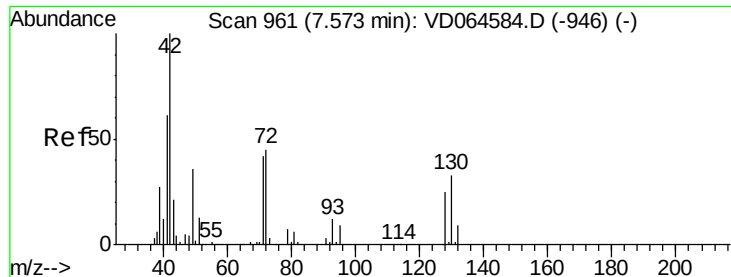
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42369		
129	1.9	0.0	4.8	
130	79.6	65.0	97.6	





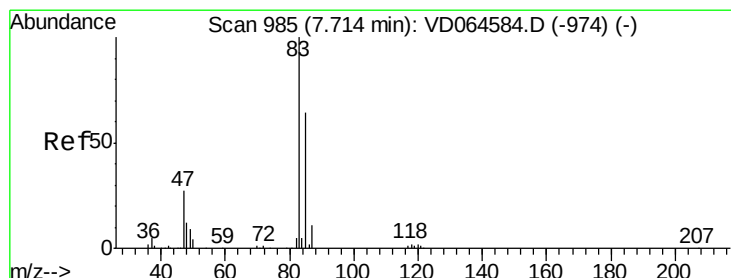
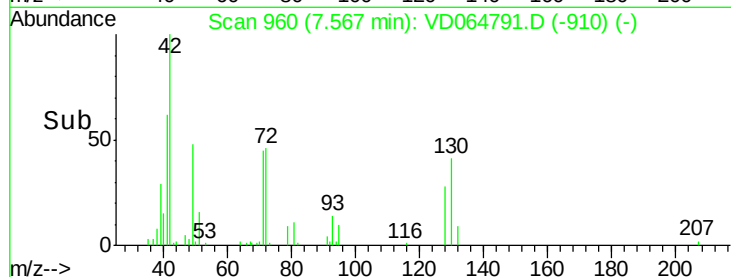
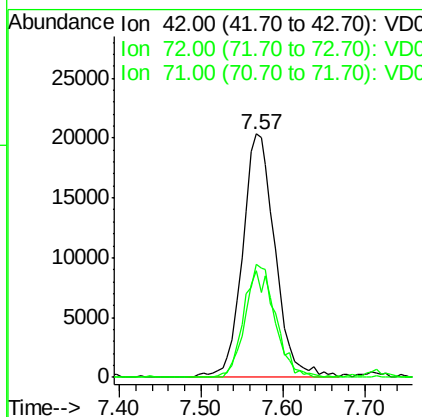
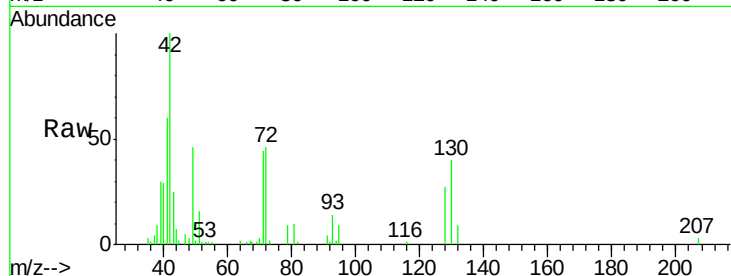
#29
Tetrahydrofuran
Concen: 113.463 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.0	52.4
71	41.0	32.9	49.3

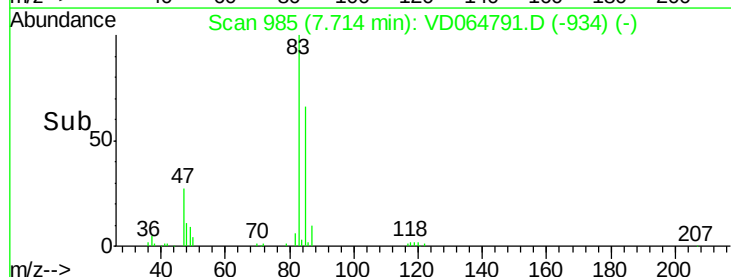
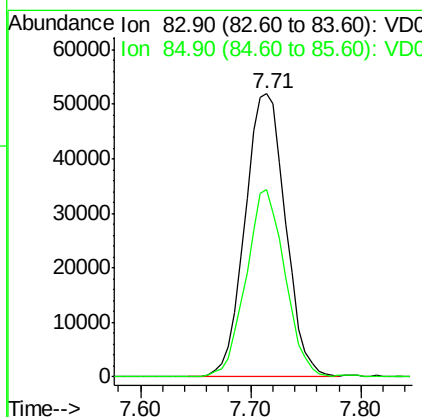
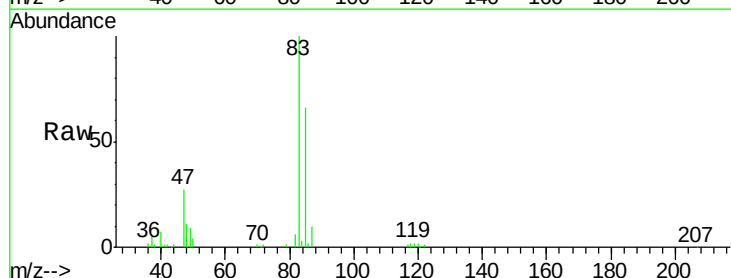
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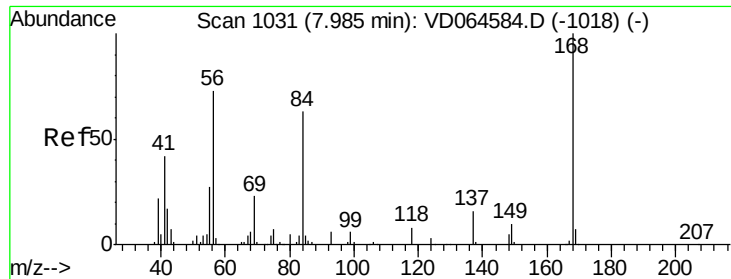
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#30
Chloroform
Concen: 23.761 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.1	76.7





#31

Cyclohexane

Concen: 20.968 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 56 Resp: 112874
Ion Ratio Lower Upper

56 100

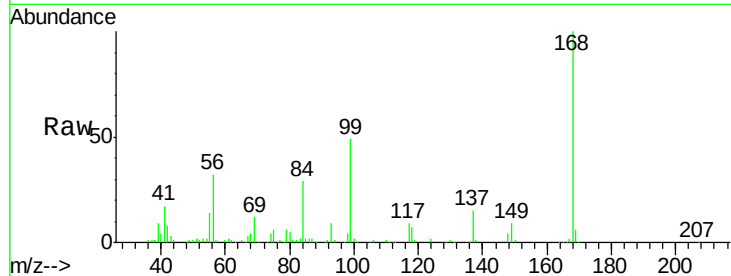
69 39.4 24.7 37.1#

84 89.5 69.4 104.2

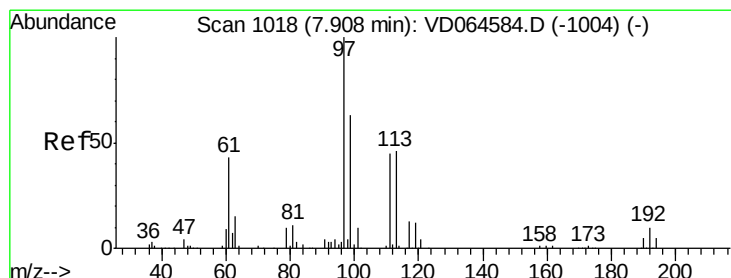
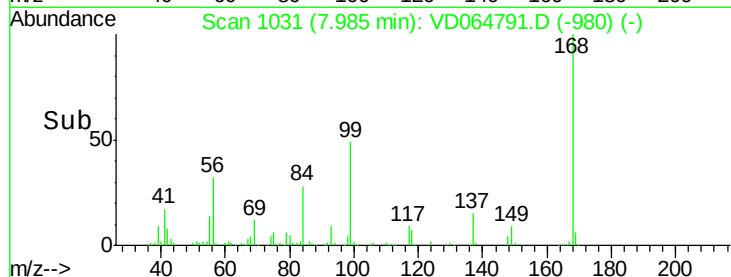
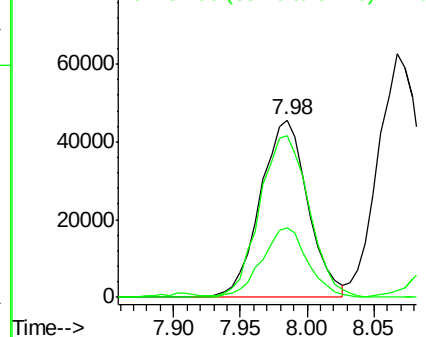
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Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 23.432 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064791.D

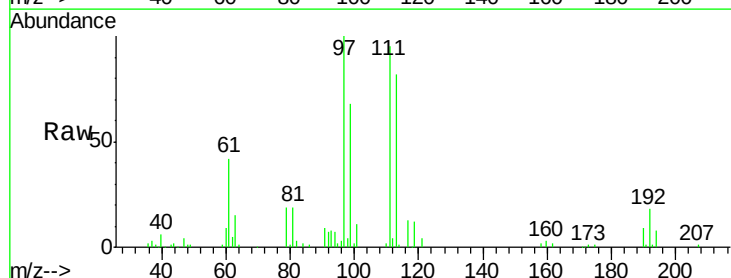
Acq: 07 Jan 2020 14:15

Tgt Ion: 97 Resp: 124175
Ion Ratio Lower Upper

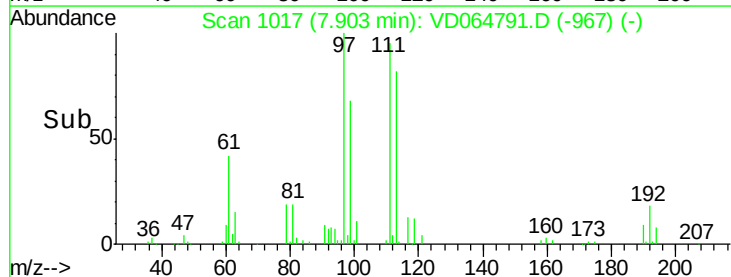
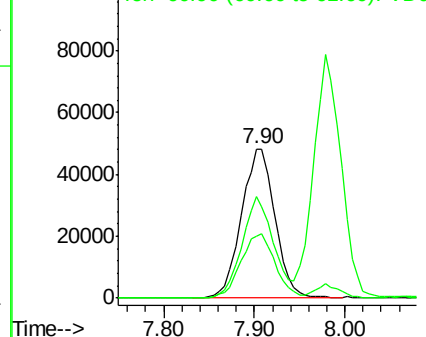
97 100

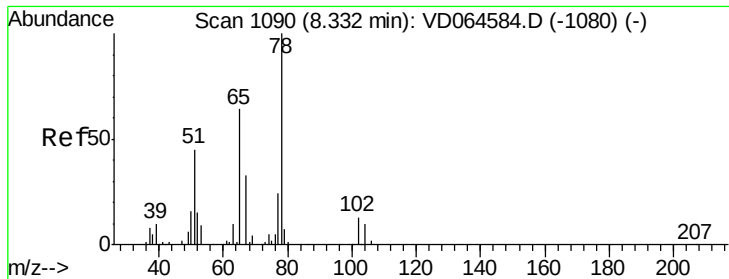
99 64.3 51.0 76.6

61 43.6 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.552 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBSD01

Tgt Ion: 65 Resp: 160385

Ion Ratio Lower Upper

65 100

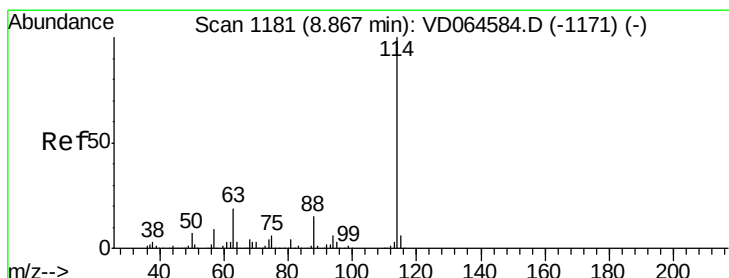
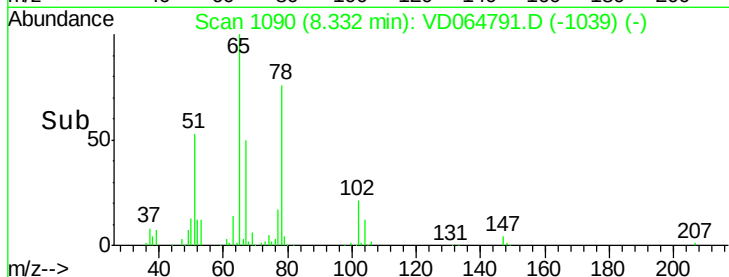
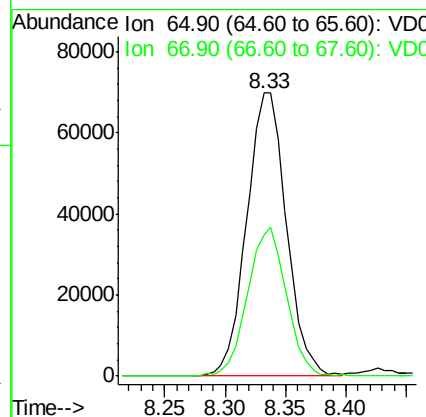
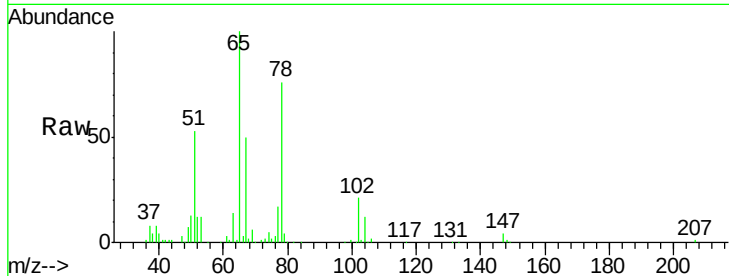
67 51.4 0.0 106.2

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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: VD064791.D

Acq: 07 Jan 2020 14:15

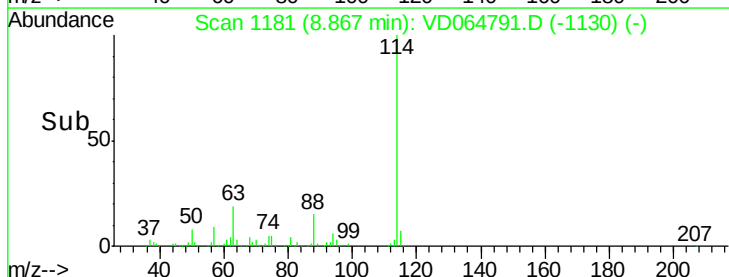
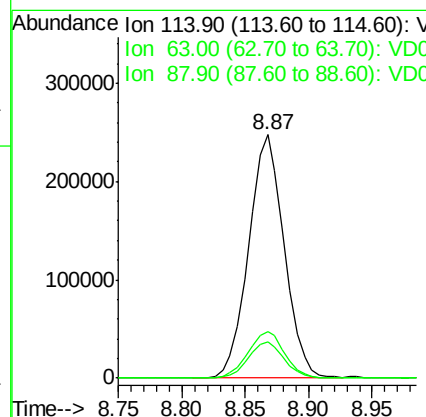
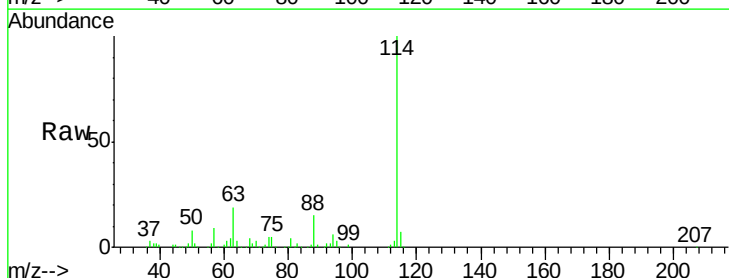
Tgt Ion: 114 Resp: 482231

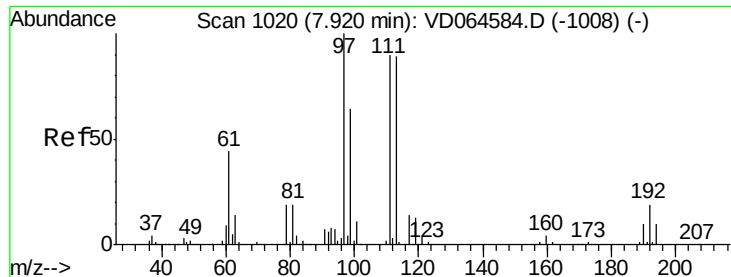
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 15.0 0.0 29.2





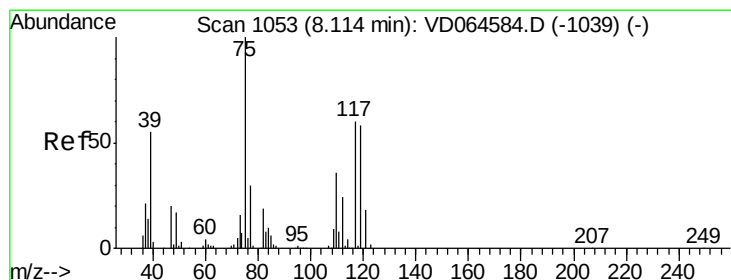
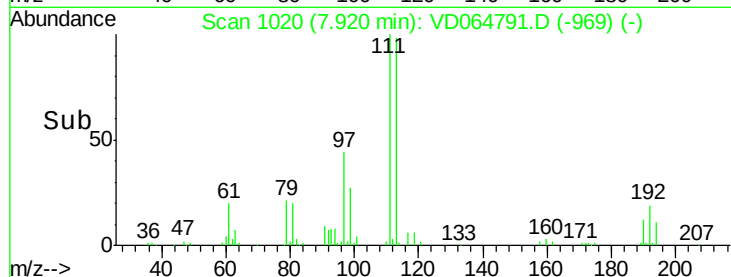
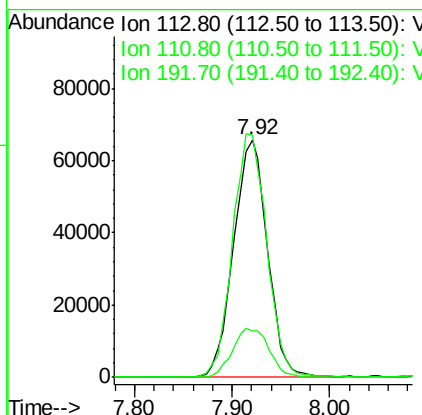
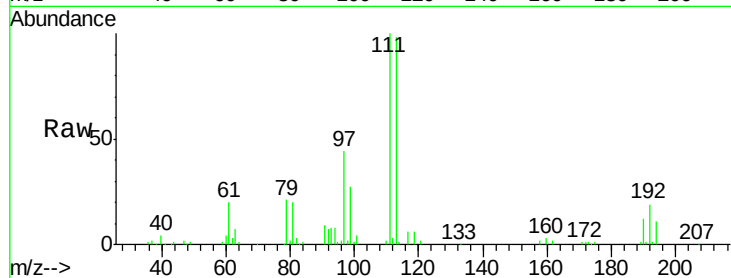
#35
 Dibromofluoromethane
 Concen: 53.532 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	158379		
111	104.0	80.6	121.0	
192	22.3	17.9	26.9	

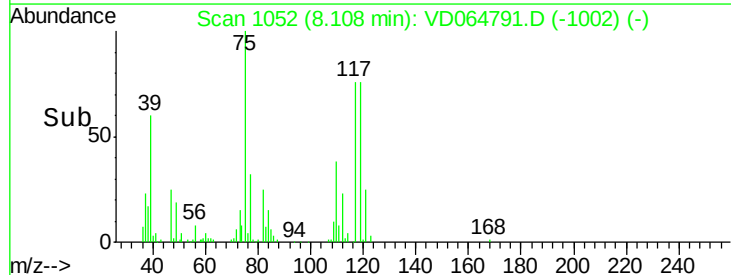
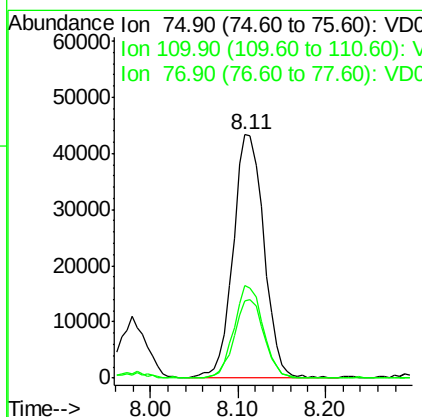
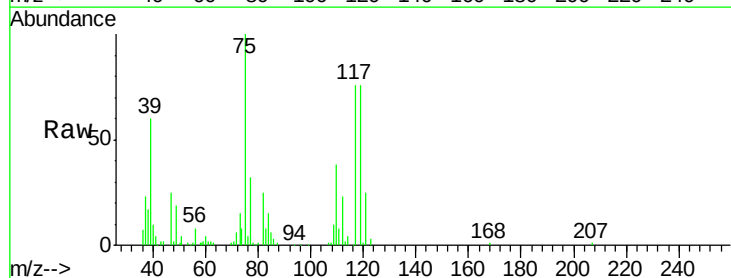
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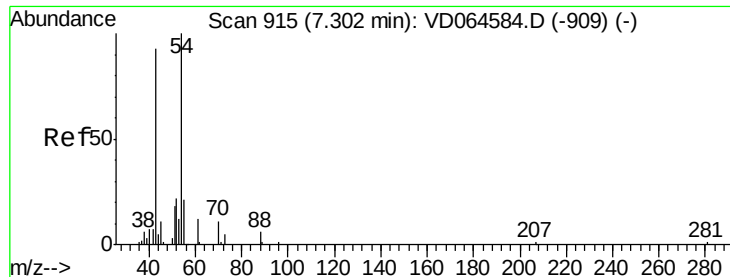
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#36
 1,1-Dichloropropene
 Concen: 22.248 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103264		
110	35.9	18.1	54.1	
77	31.0	24.2	36.4	





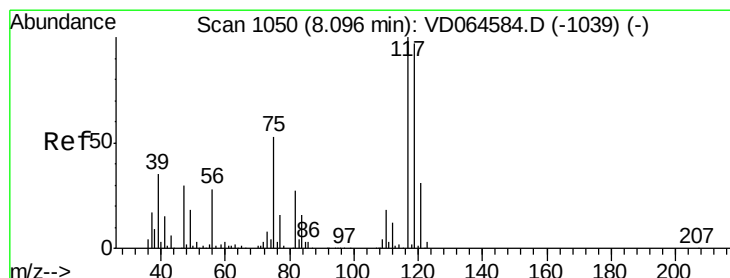
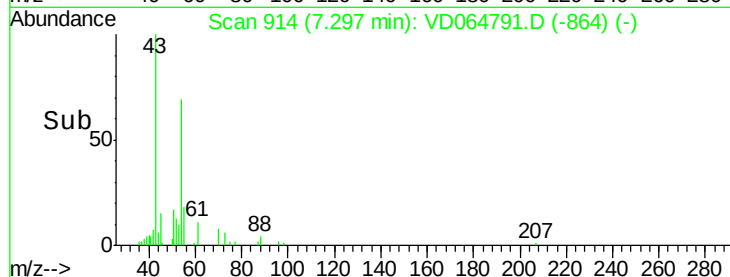
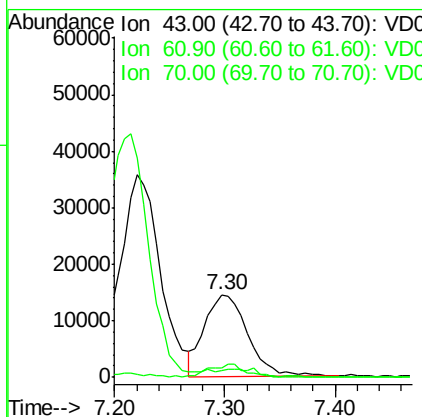
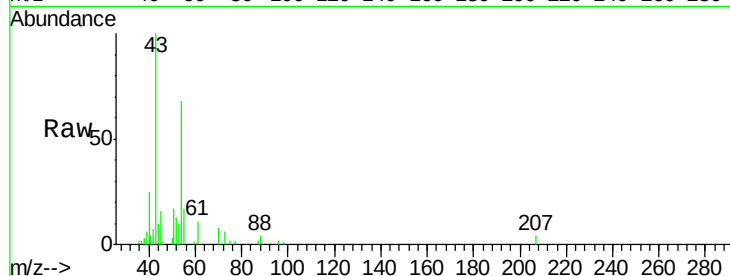
#37
Ethyl Acetate
Concen: 21.612 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	6.2	7.6	11.4

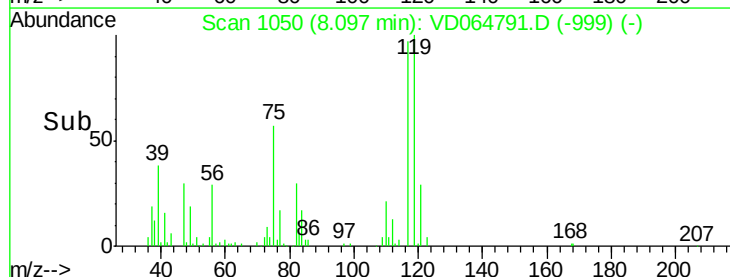
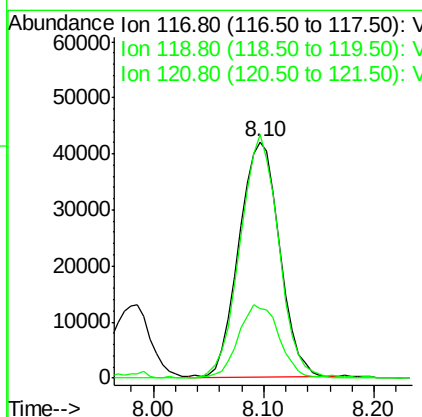
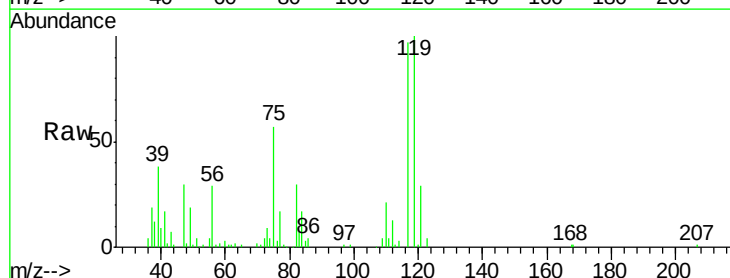
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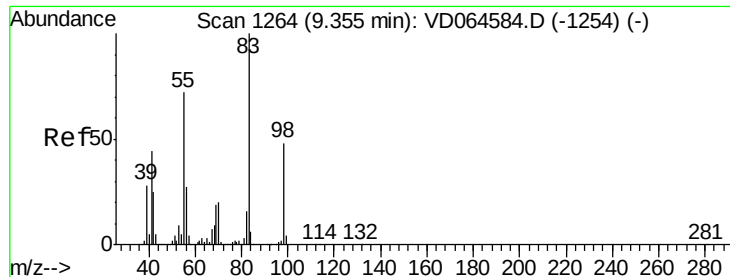
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#38
Carbon Tetrachloride
Concen: 21.897 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.7	77.3	115.9
121	29.8	25.0	37.6





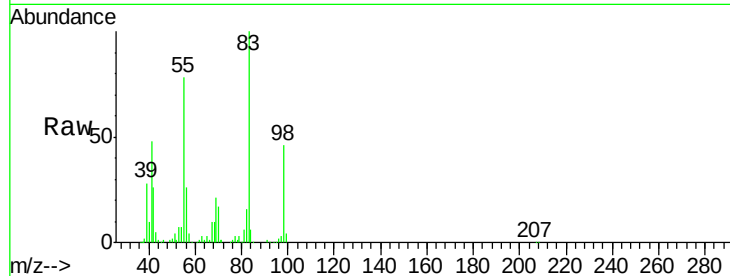
#39
Methylcyclohexane
Concen: 20.838 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	117142		
55	78.2	57.8	86.6	
98	46.2	38.7	58.1	

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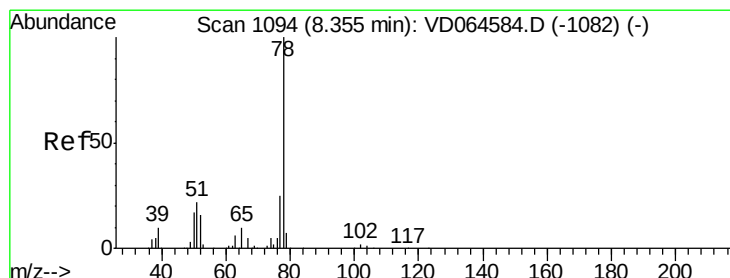
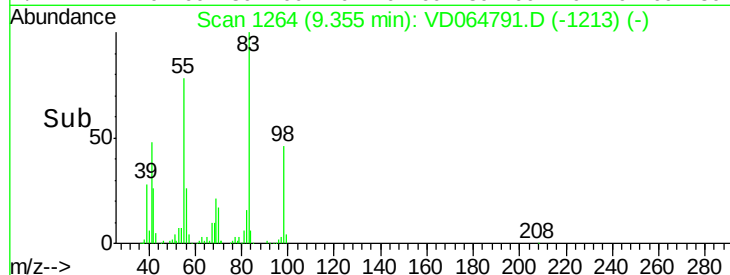
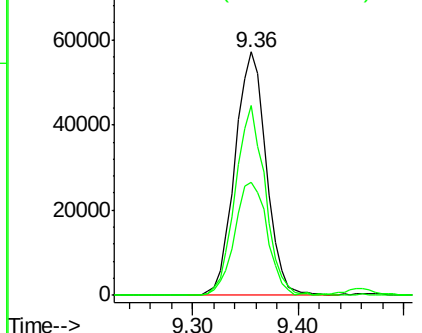


Abundance

Ion 83.00 (82.70 to 83.70): VDC

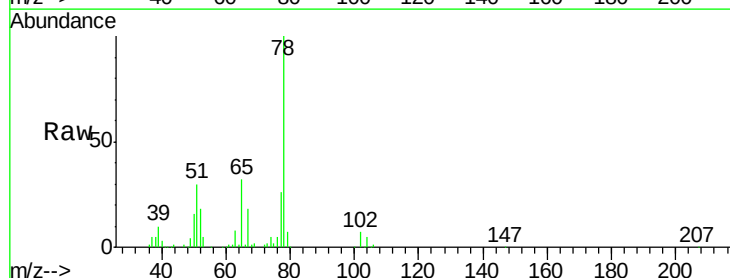
Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40
Benzene
Concen: 22.539 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

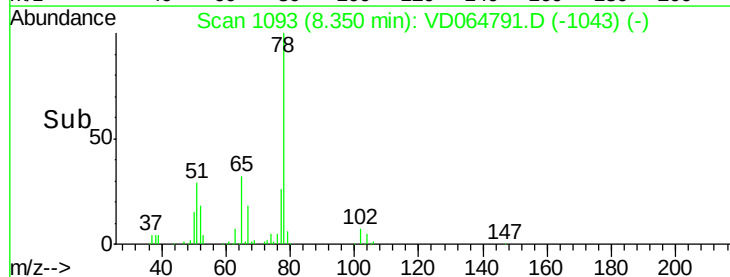
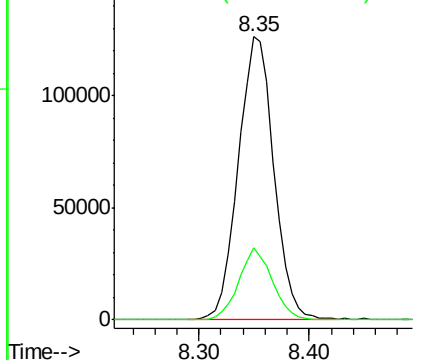
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	285579		
77	25.6	19.9	29.9	

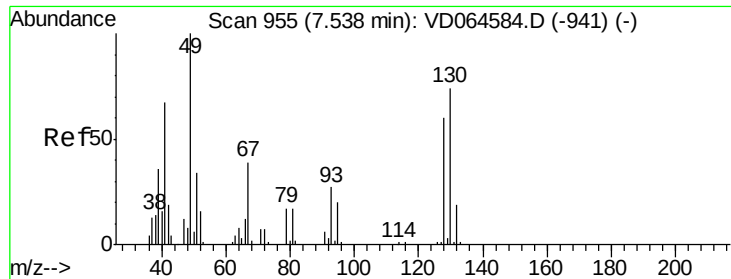


Abundance

Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





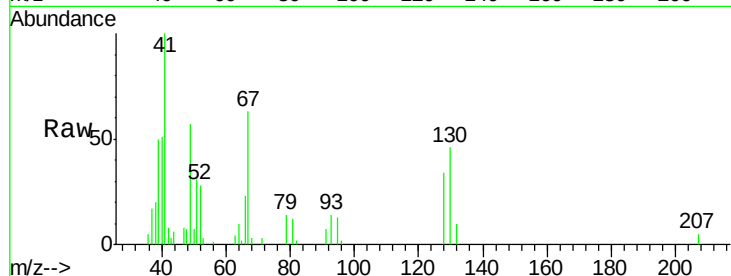
#41
Methacrylonitrile
Concen: 25.358 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBS01

Tgt Ion:	41	Resp:	26827
Ion	Ratio	Lower	Upper
41	100		
39	47.6	46.7	70.1
67	65.4	52.5	78.7
52	29.7	24.1	36.1

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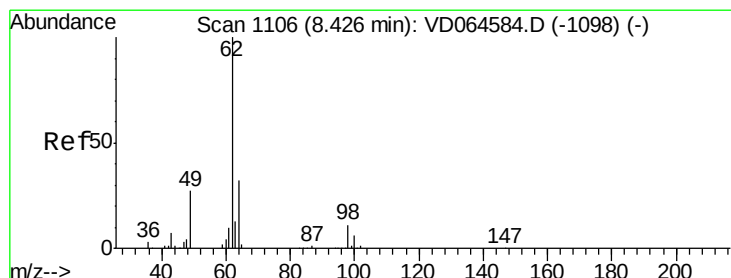
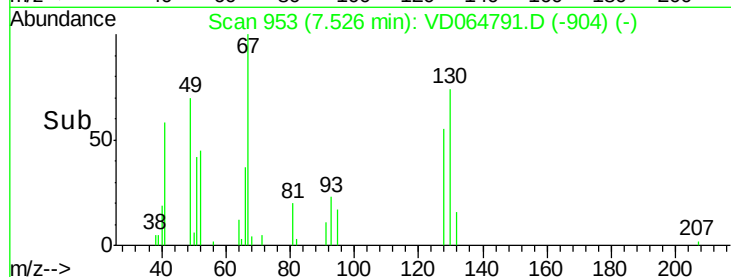
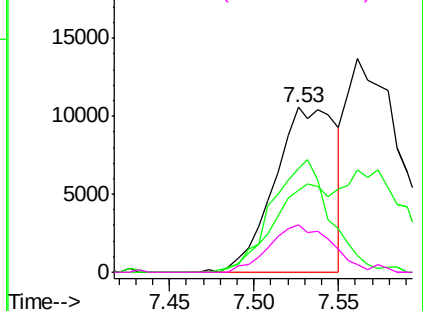
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

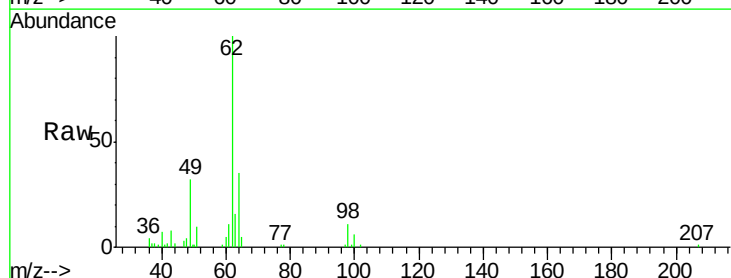
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42
1,2-Dichloroethane
Concen: 23.267 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

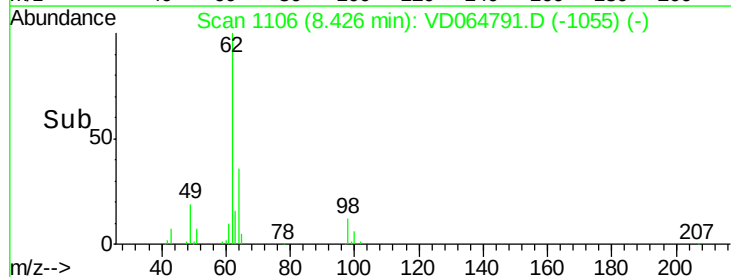
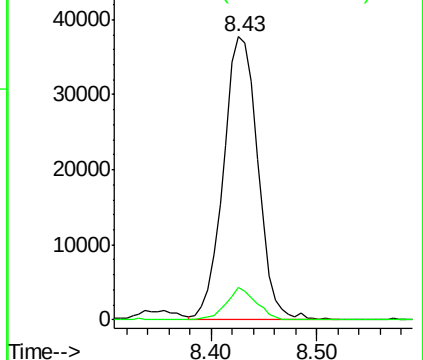
Tgt Ion:	62	Resp:	85192
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0

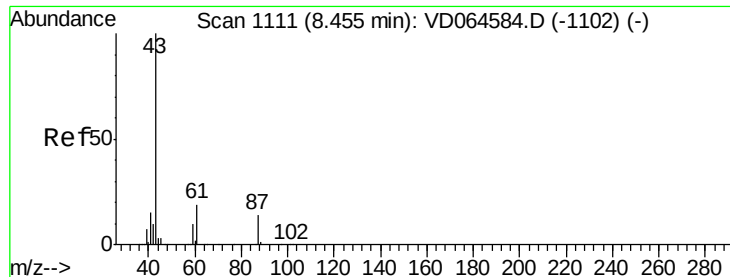


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.587 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

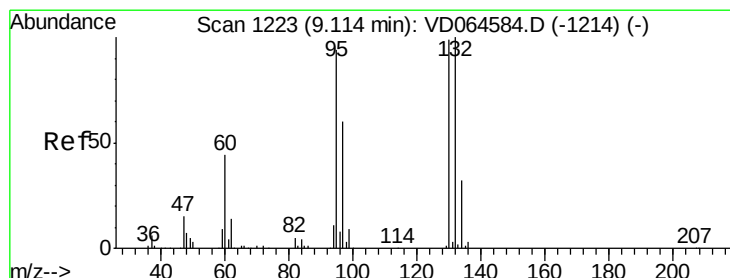
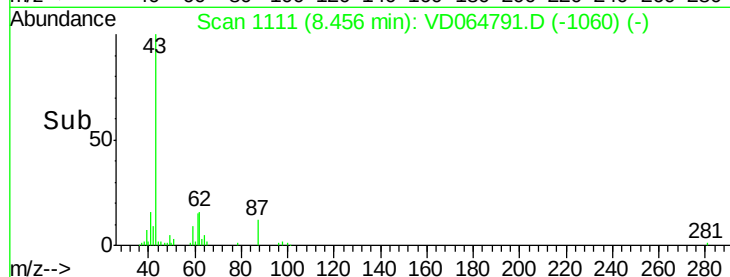
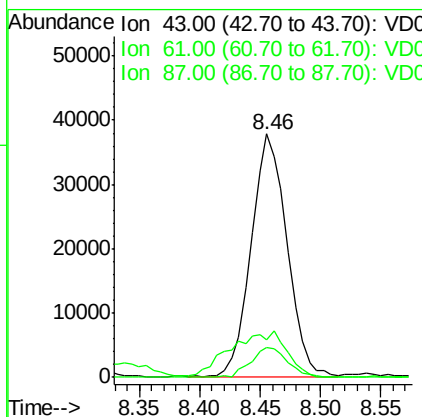
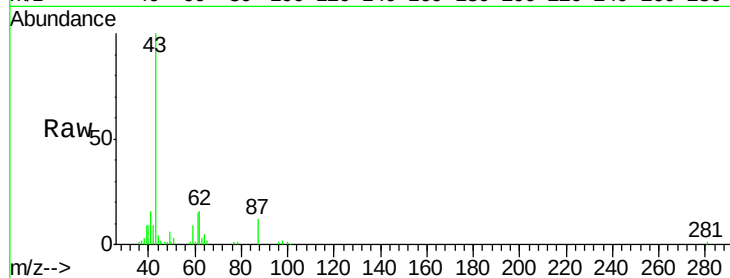
ClientSampleId :

VD0107SBSD01

Tgt Ion:	43	Resp:	78348
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.7	35.5
87	12.4	10.5	15.7

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#44

Trichloroethene

Concen: 21.958 ug/l

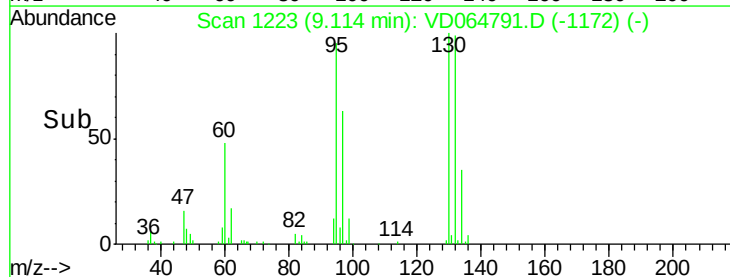
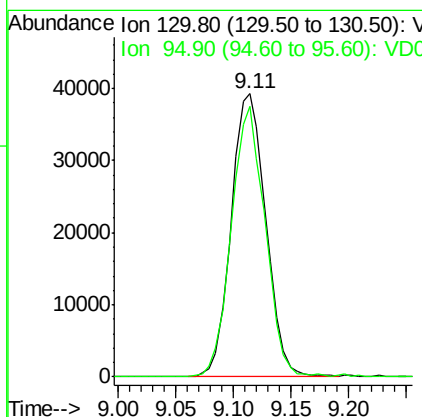
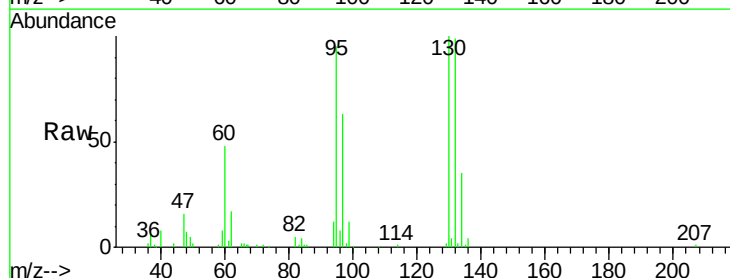
RT: 9.11 min Scan# 1223

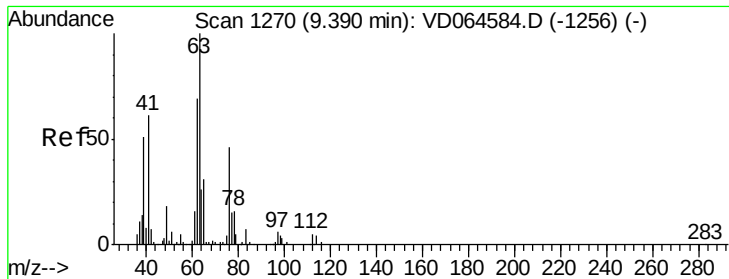
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	130	Resp:	81732
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	190.2





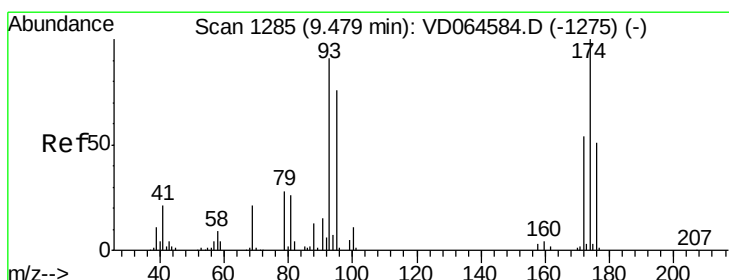
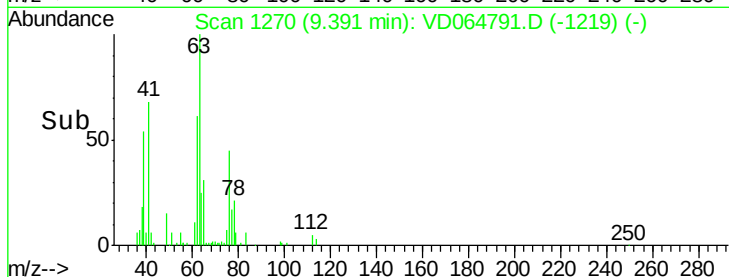
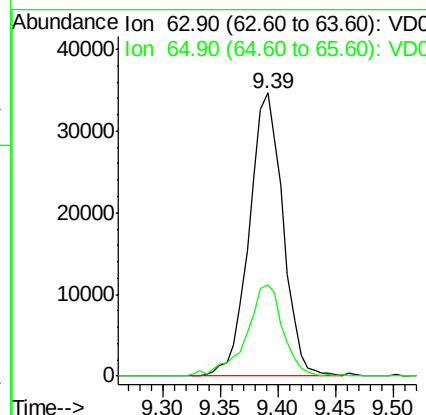
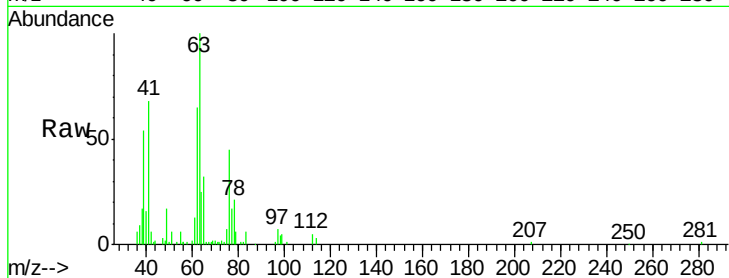
#45
 1,2-Dichloropropane
 Concen: 23.405 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion: 63 Resp: 70807
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.2 37.8

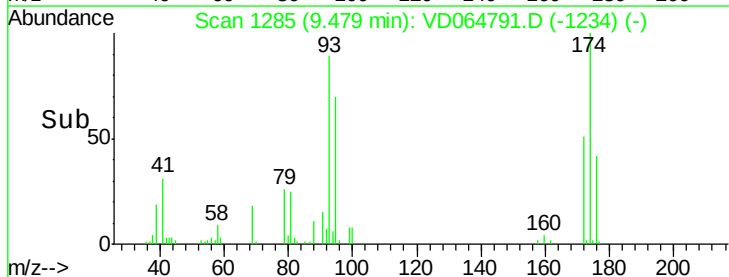
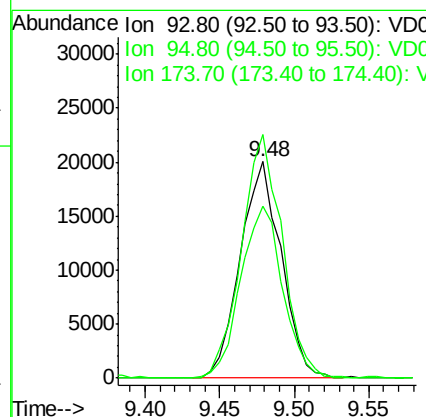
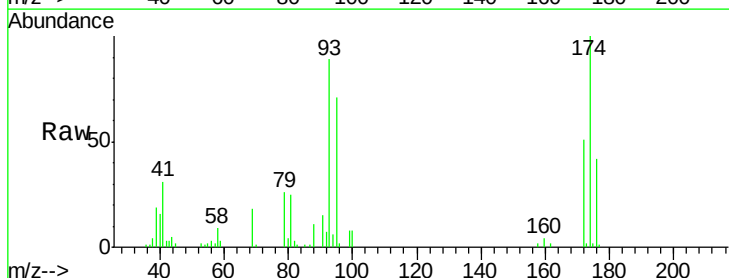
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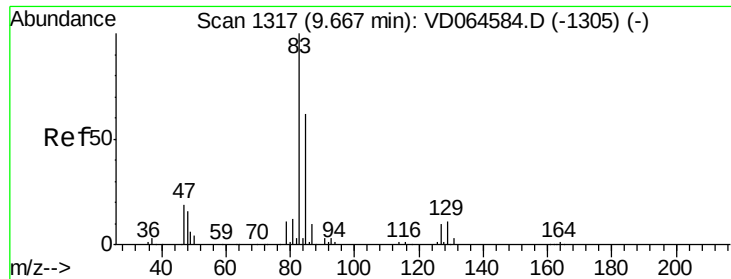
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#46
 Dibromomethane
 Concen: 22.576 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 93 Resp: 38079
 Ion Ratio Lower Upper
 93 100
 95 81.7 64.6 97.0
 174 111.7 88.1 132.1





#47

Bromodichloromethane

Concen: 22.868 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

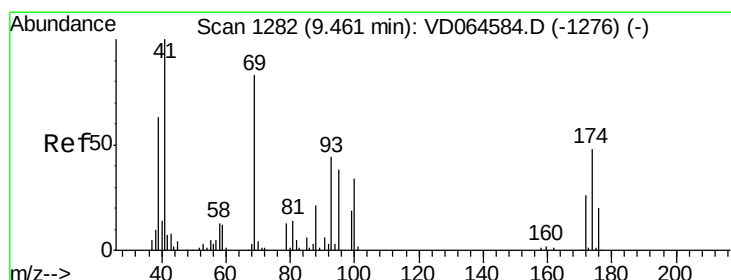
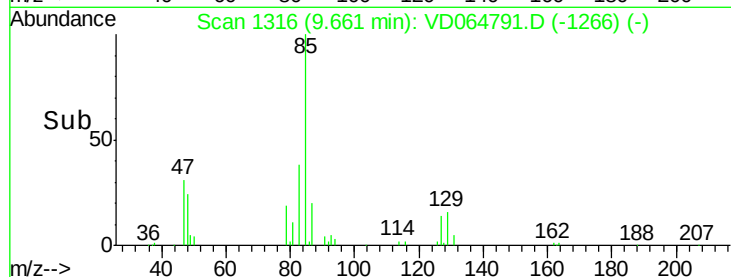
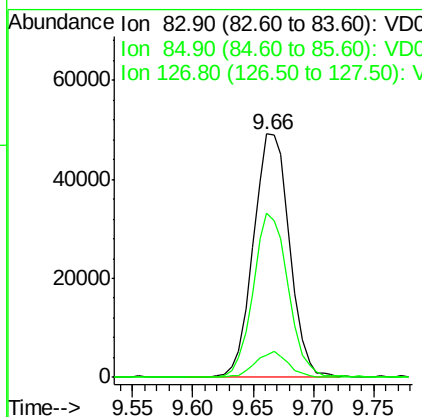
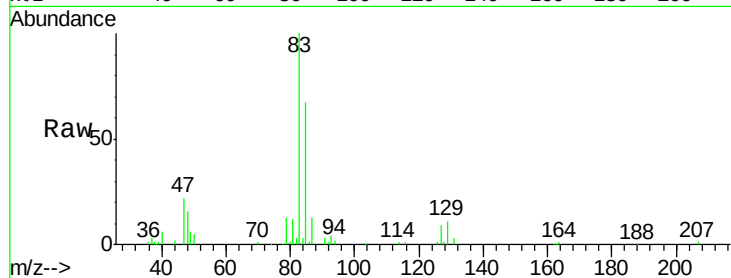
ClientSampleId :

VD0107SBSD01

Tgt Ion:	83	Resp:	102639
Ion	Ratio	Lower	Upper
83	100		
85	67.4	49.5	74.3
127	9.2	7.8	11.6

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#48

Methyl methacrylate

Concen: 21.736 ug/l

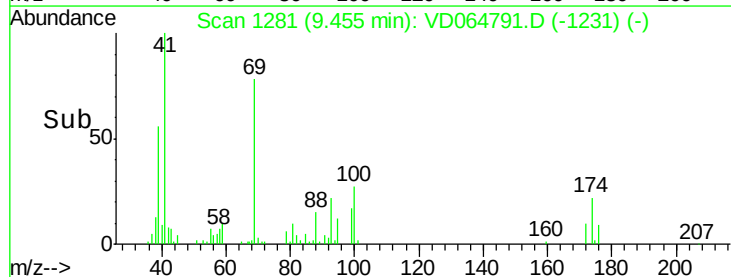
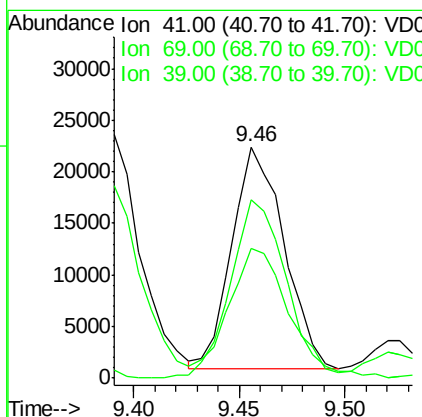
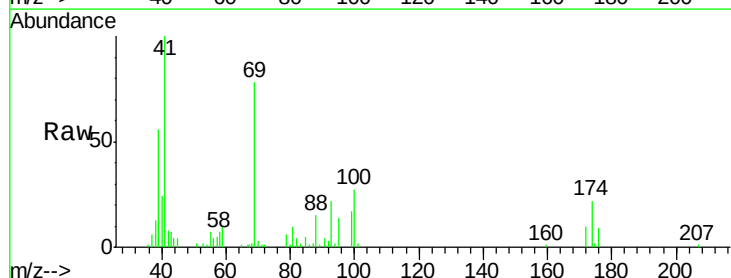
RT: 9.46 min Scan# 1281

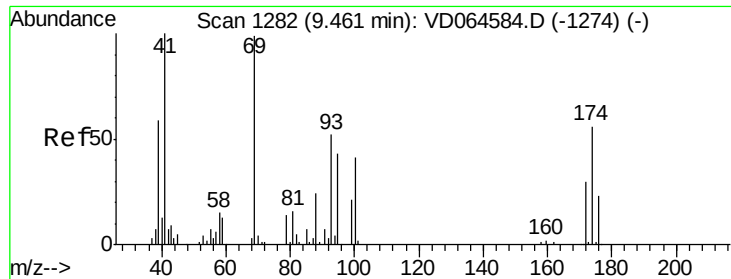
Delta R.T. -0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	41	Resp:	37144
Ion	Ratio	Lower	Upper
41	100		
69	86.7	63.0	94.6
39	66.7	47.4	71.2





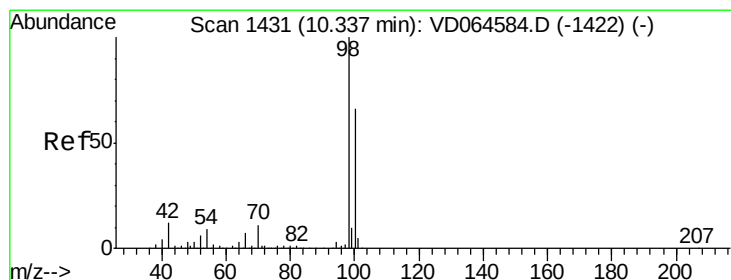
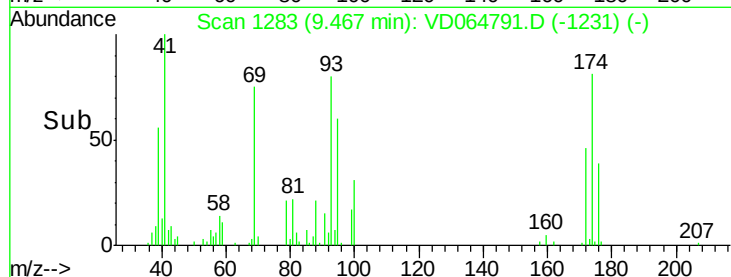
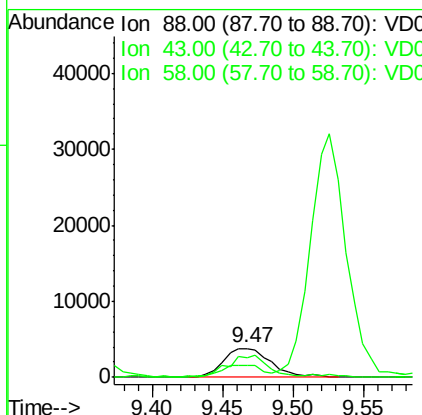
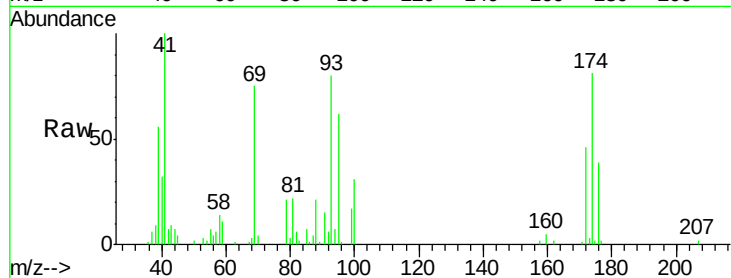
#49
1,4-Dioxane
Concen: 456.943 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion: 88 Resp: 8887
Ion Ratio Lower Upper
88 100
43 37.4 27.7 41.5
58 65.3 53.8 80.6

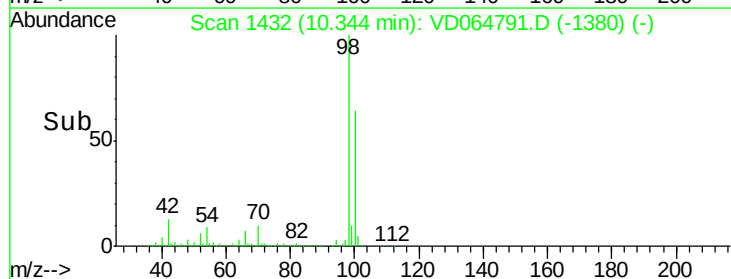
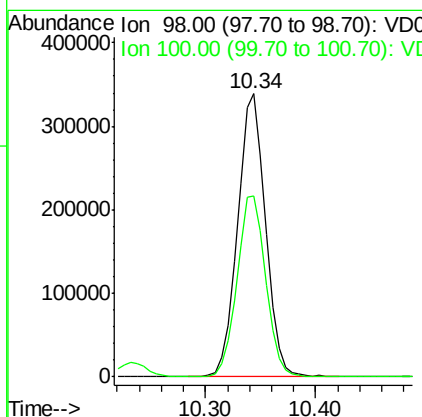
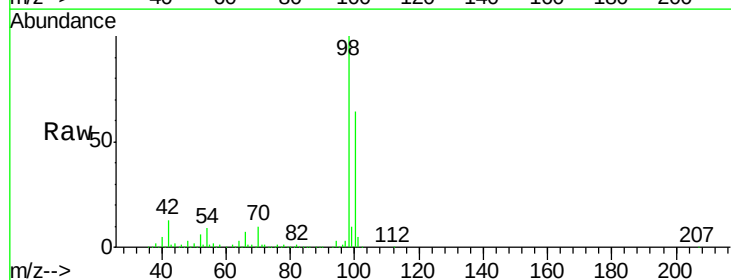
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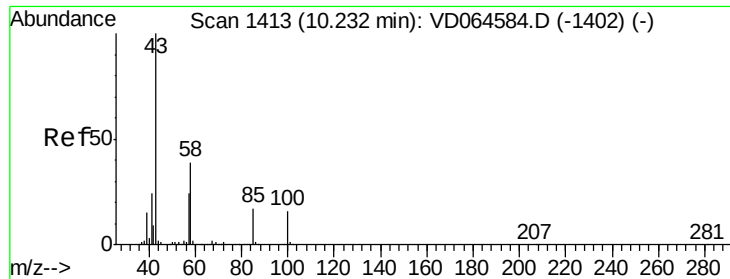
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#50
Toluene-d8
Concen: 53.045 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion: 98 Resp: 601055
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 109.808 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 43 Resp: 196984

Ion Ratio Lower Upper

43 100

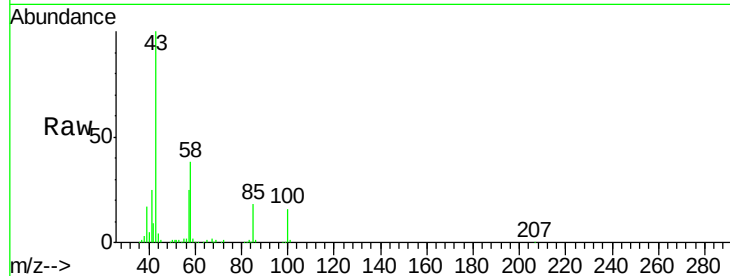
58 38.6 30.2 45.2

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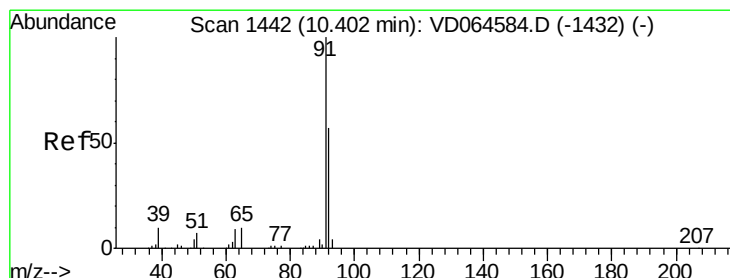
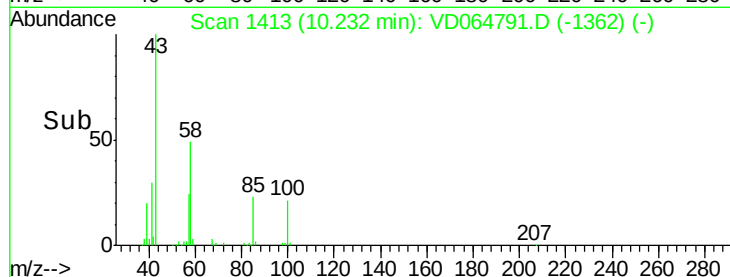
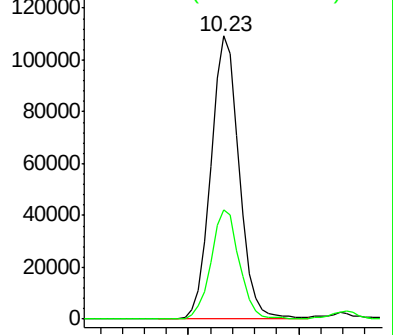
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 22.345 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064791.D

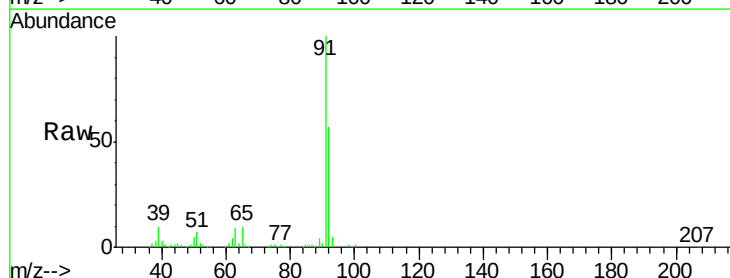
Acq: 07 Jan 2020 14:15

Tgt Ion: 92 Resp: 185749

Ion Ratio Lower Upper

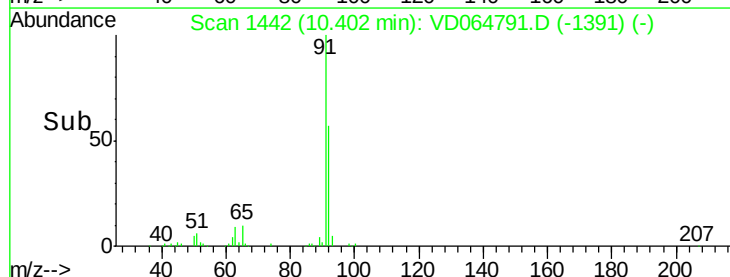
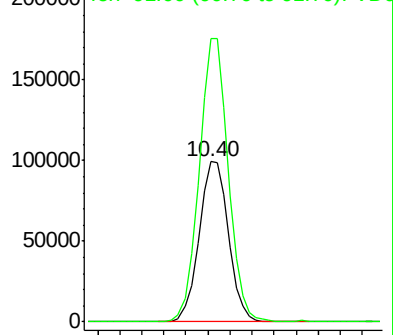
92 100

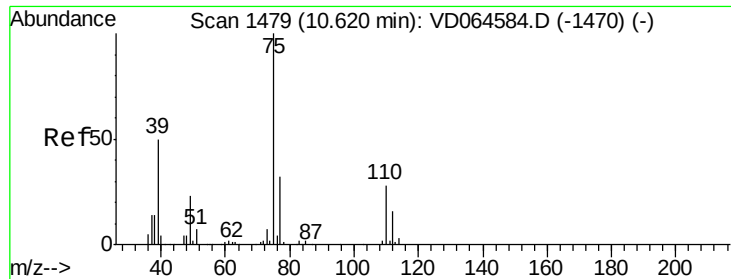
91 174.2 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





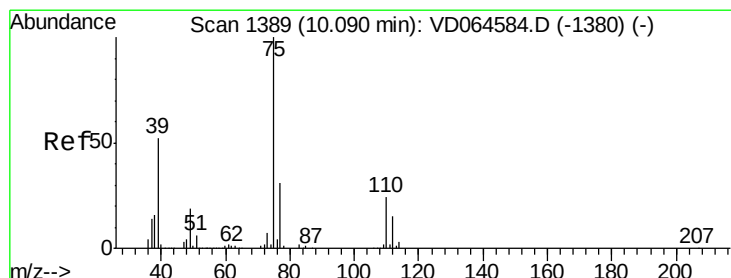
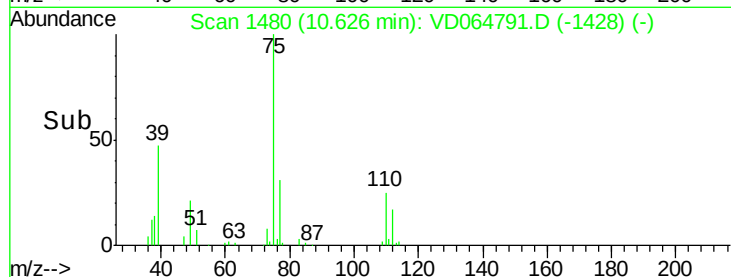
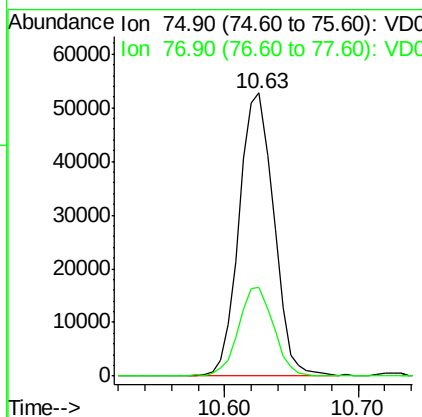
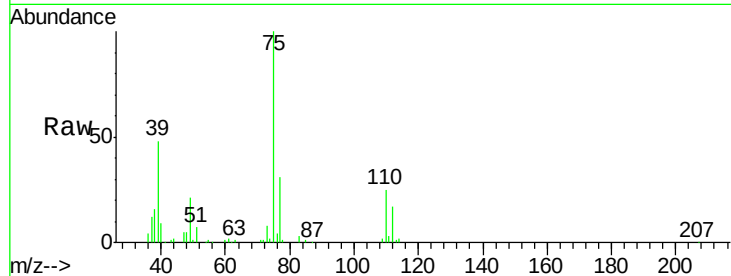
#53
 t-1,3-Dichloropropene
 Concen: 22.677 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBS01

Tgt Ion: 75 Resp: 94892
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

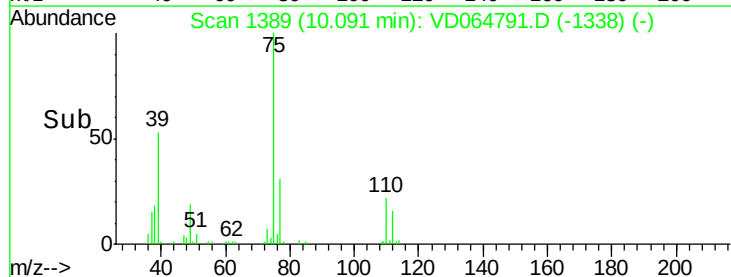
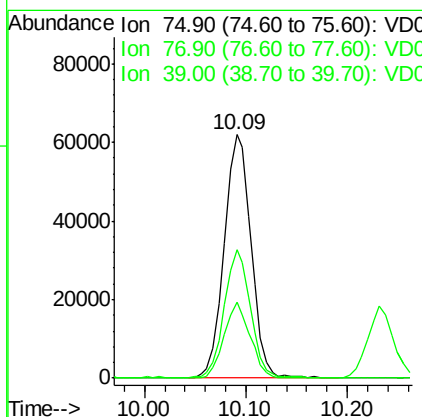
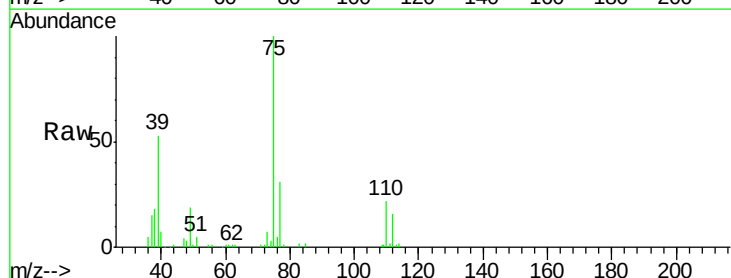
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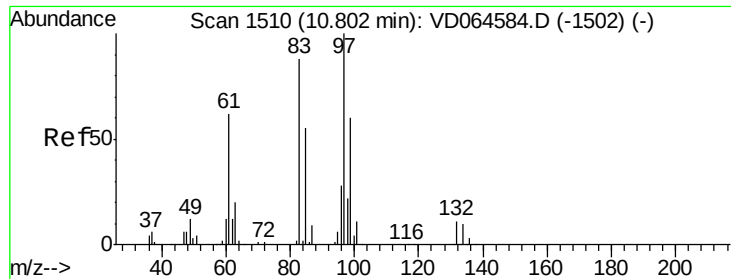
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#54
 cis-1,3-Dichloropropene
 Concen: 23.065 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 75 Resp: 113804
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 52.5 41.4 62.2





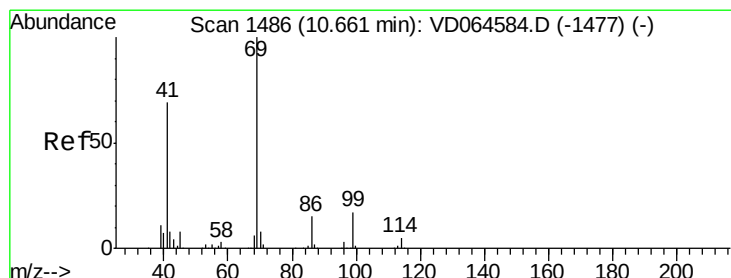
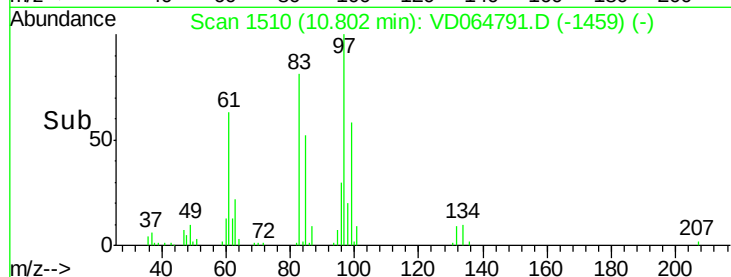
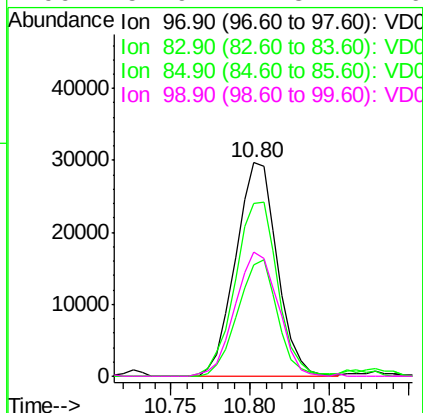
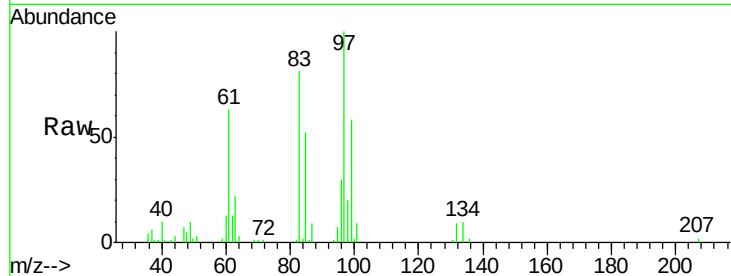
#55
 1,1,2-Trichloroethane
 Concen: 23.732 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion:	97	Resp:	53945
Ion	Ratio	Lower	Upper
97	100		
83	81.1	70.2	105.4
85	52.4	44.0	66.0
99	57.9	47.8	71.6

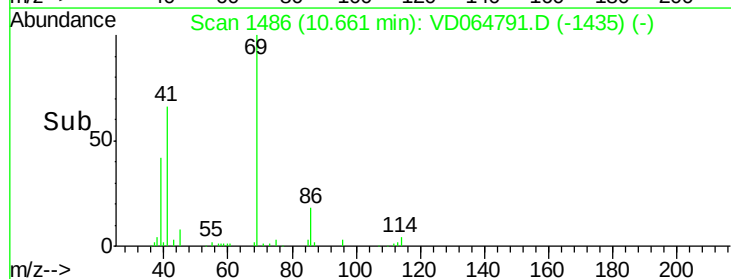
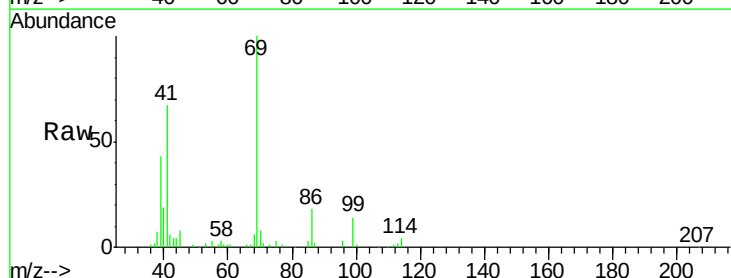
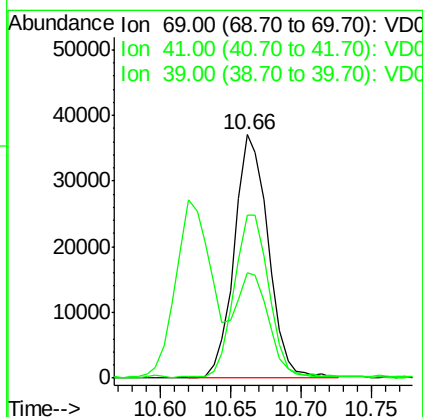
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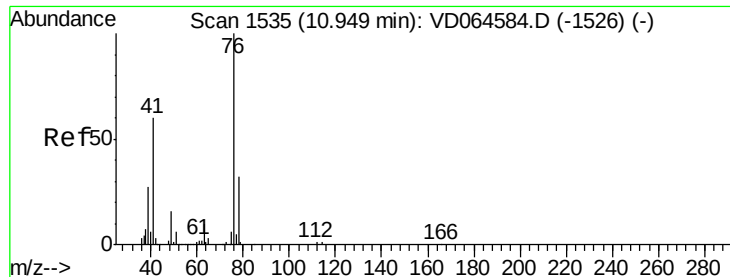
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#56
 Ethyl methacrylate
 Concen: 21.937 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion:	69	Resp:	62277
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.3	82.9
39	38.0	33.8	50.8





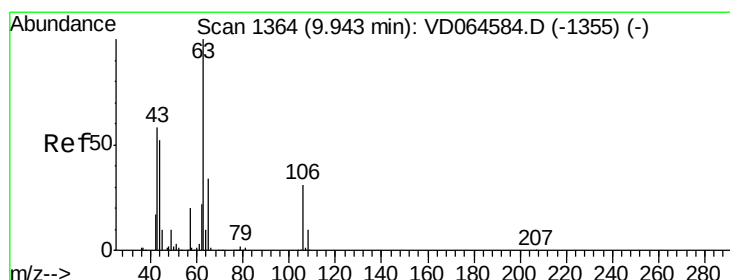
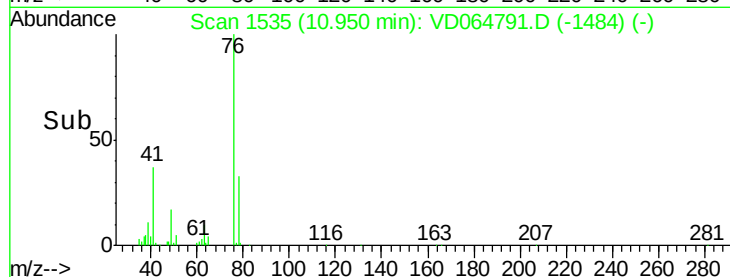
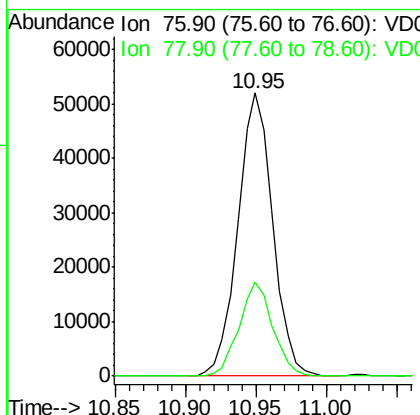
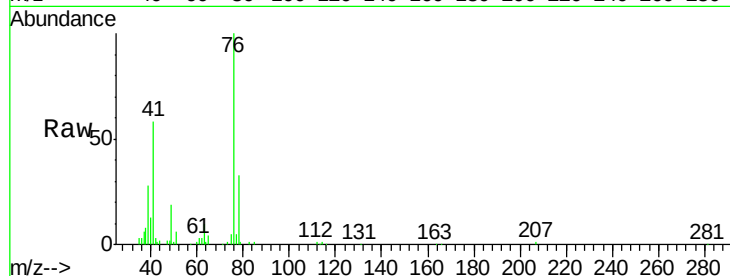
#57
 1,3-Dichloropropane
 Concen: 22.919 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion: 76 Resp: 89701
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4

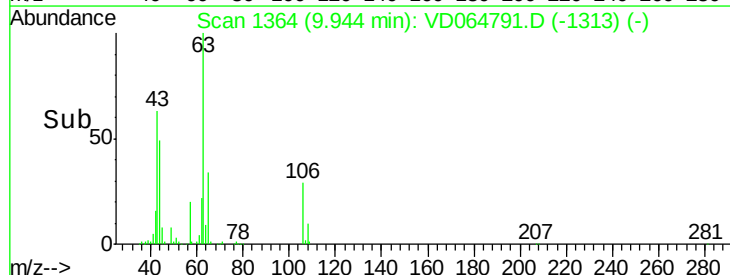
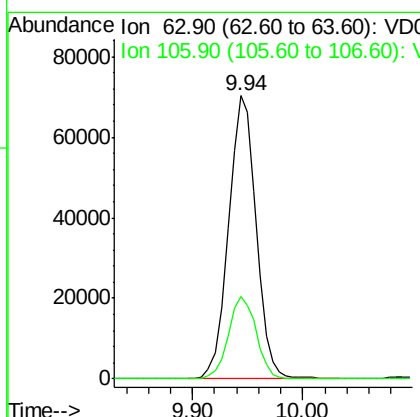
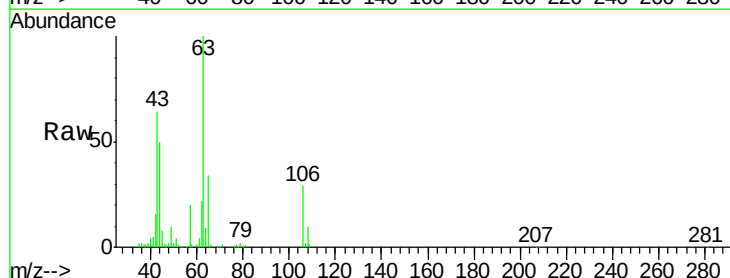
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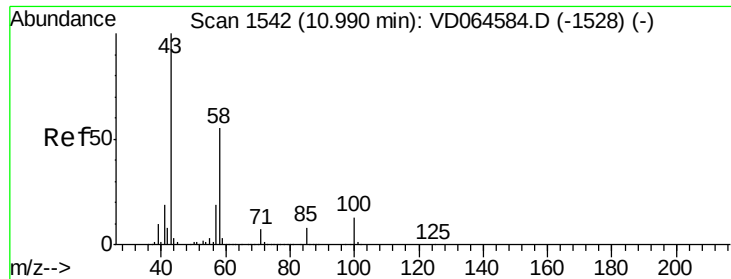
apatel
 1/8/2020 9:26:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.174 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 63 Resp: 123487
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.8





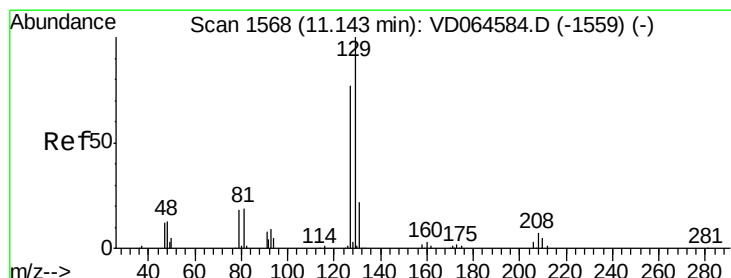
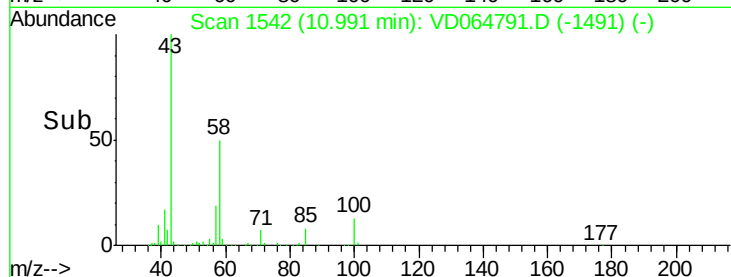
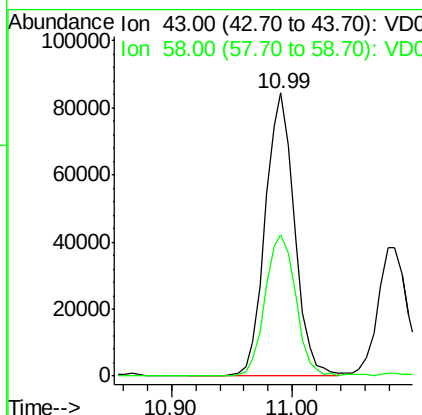
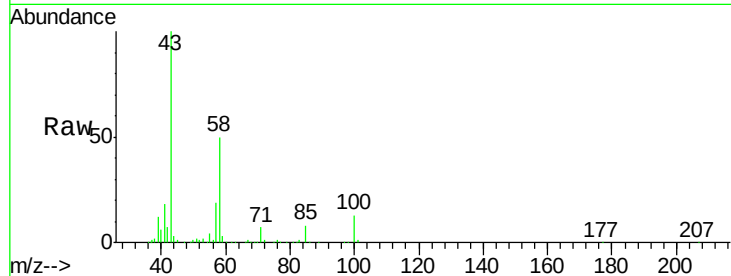
#59
2-Hexanone
Concen: 115.746 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion: 43 Resp: 140927
Ion Ratio Lower Upper
43 100
58 52.1 26.4 79.0

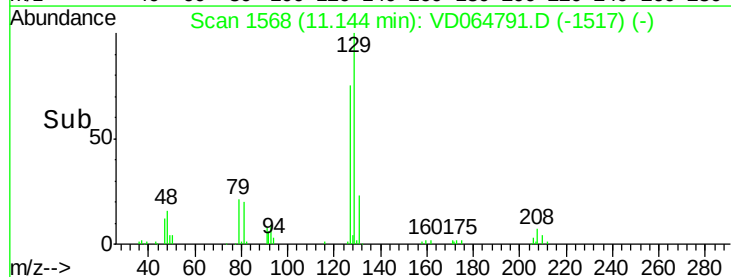
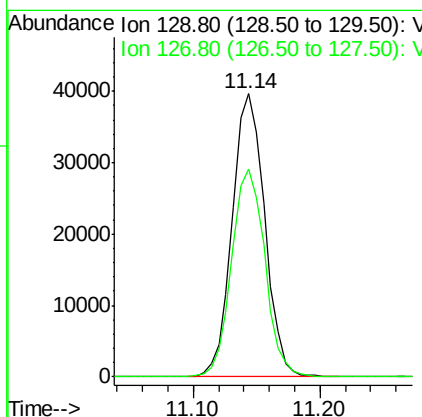
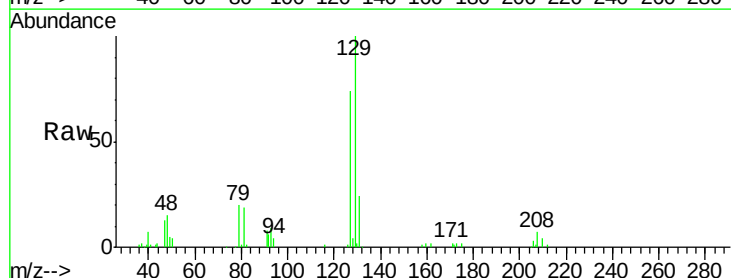
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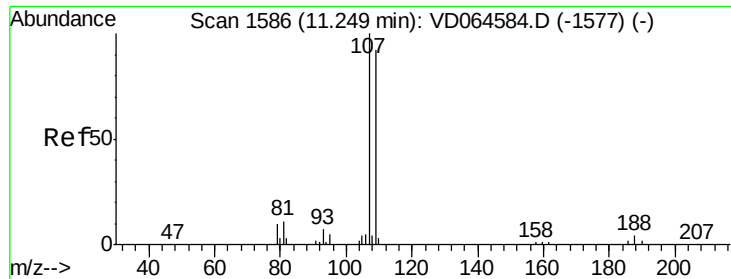
apatel
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#60
Dibromochloromethane
Concen: 22.392 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion: 129 Resp: 70389
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2





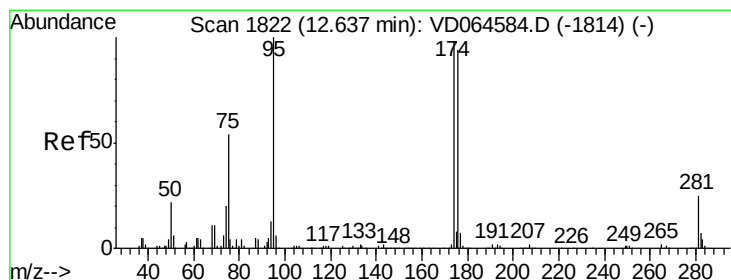
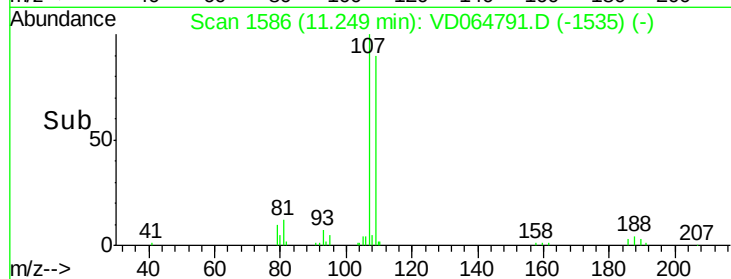
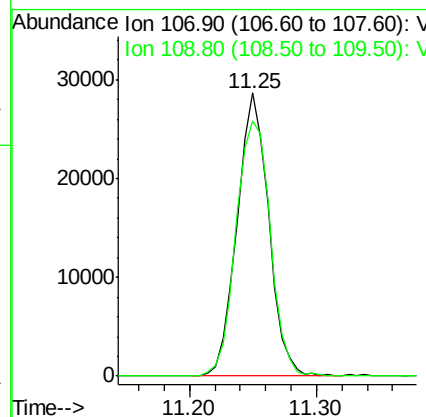
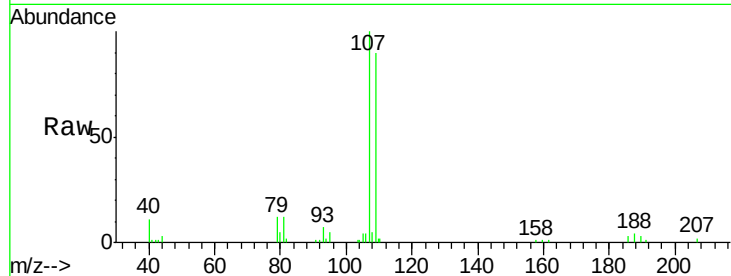
#61
 1,2-Dibromoethane
 Concen: 22.024 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion: 107 Resp: 49378
 Ion Ratio Lower Upper
 107 100
 109 98.1 75.6 113.4

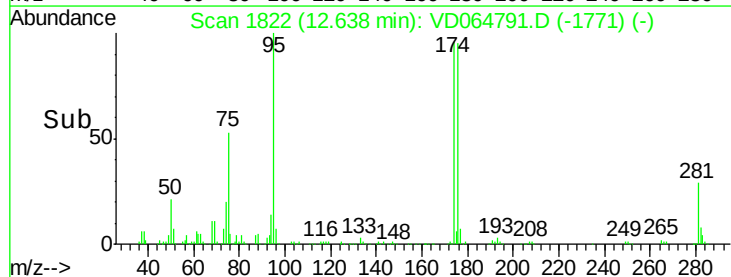
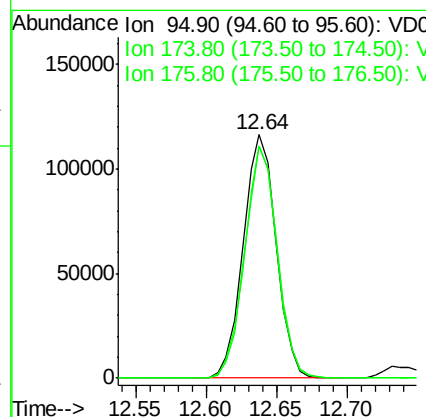
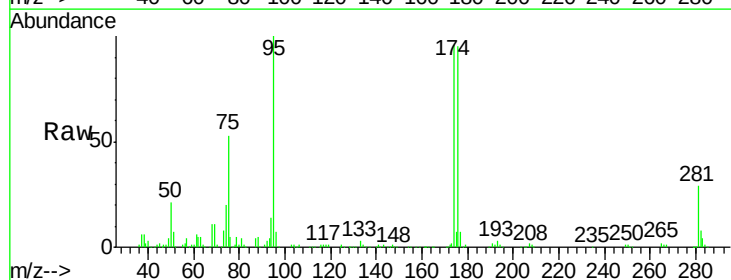
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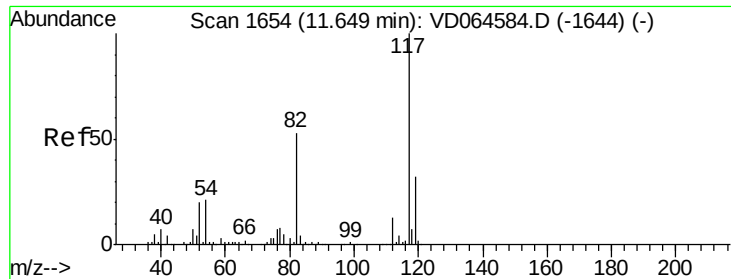
apatel
 1/8/2020 9:26:36 AM



#62
 4-Bromofluorobenzene
 Concen: 52.999 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 95 Resp: 189895
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 193.2
 176 92.9 0.0 184.2





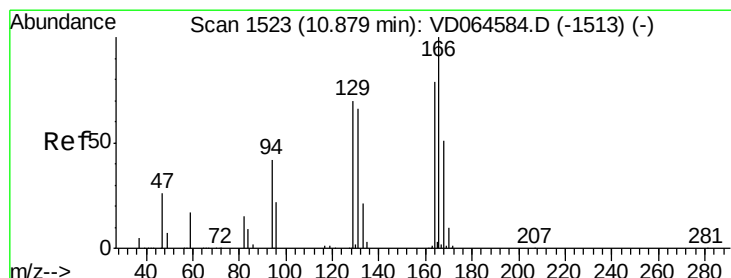
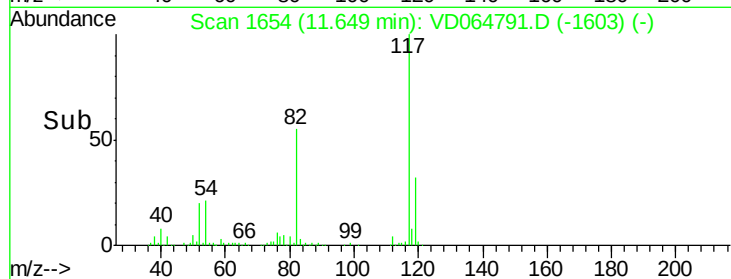
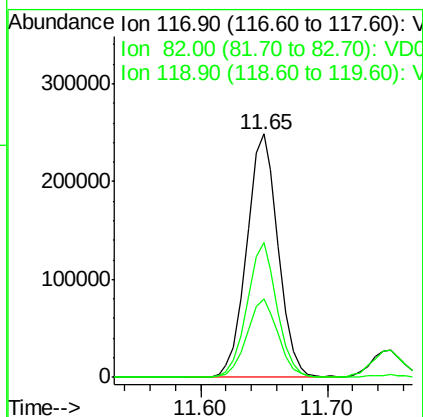
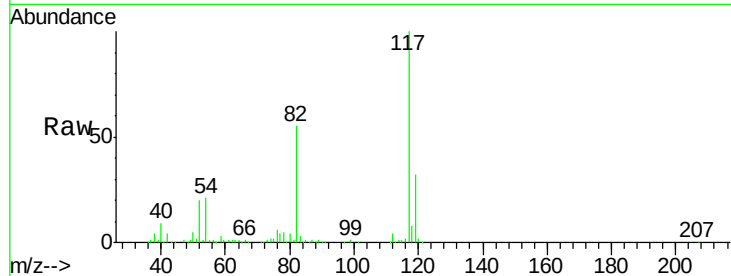
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	428501		
82	55.3	42.2	63.4	
119	32.2	26.0	39.0	

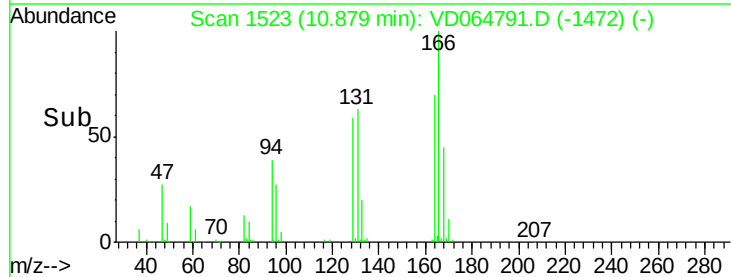
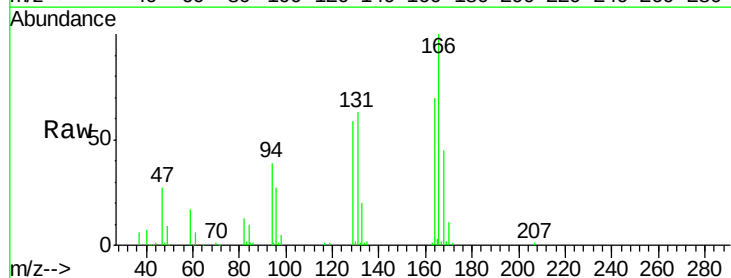
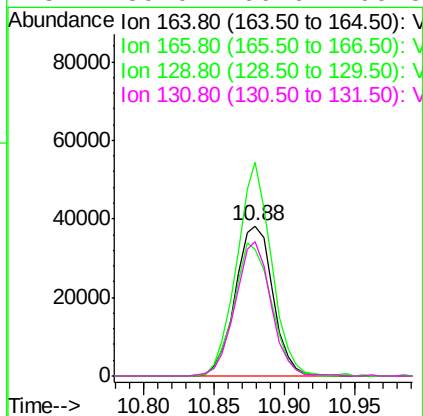
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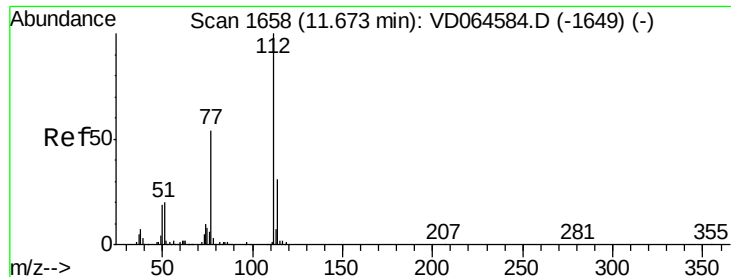
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#64
Tetrachloroethene
Concen: 21.603 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71018		
166	142.0	101.3	151.9	
129	84.0	70.5	105.7	
131	89.0	66.6	99.8	





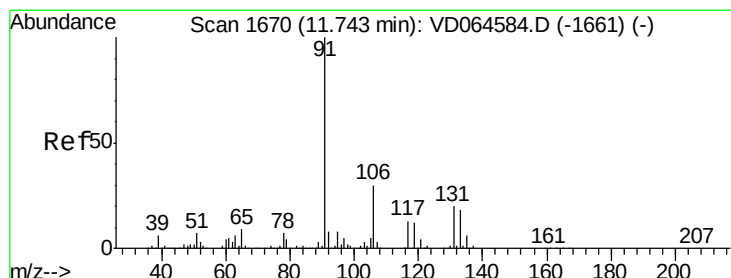
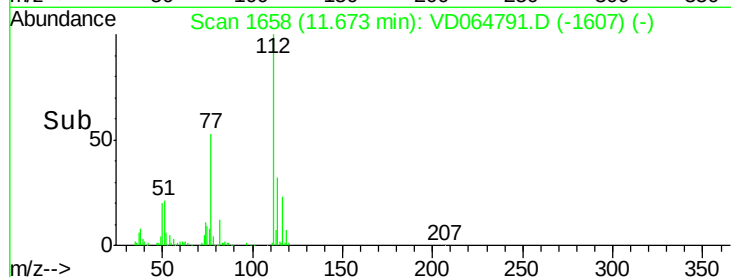
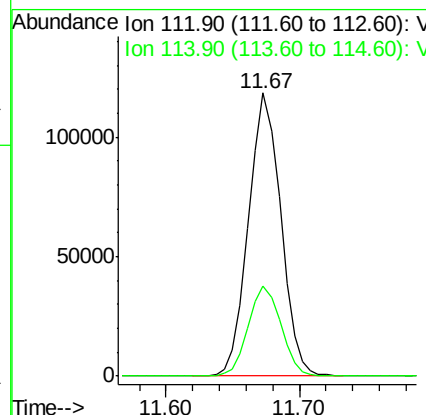
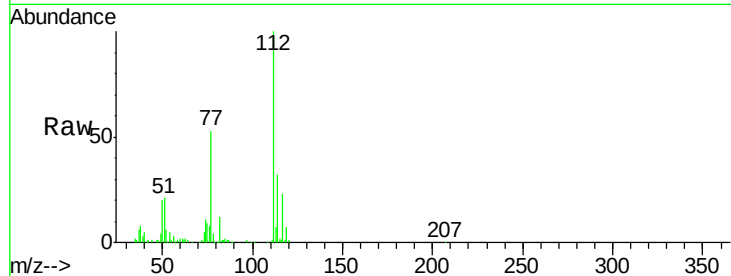
#65
Chlorobenzene
Concen: 22.332 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.8	37.2

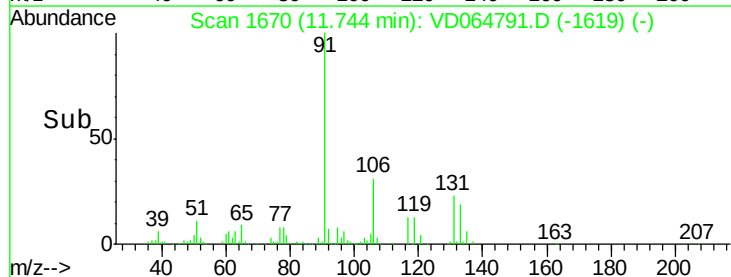
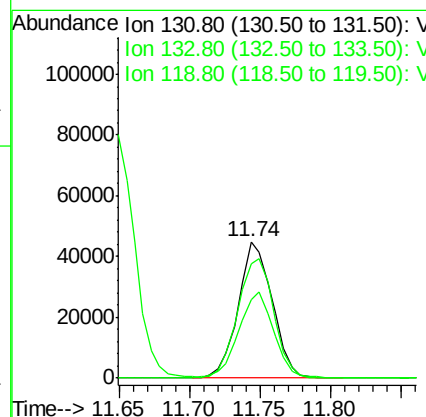
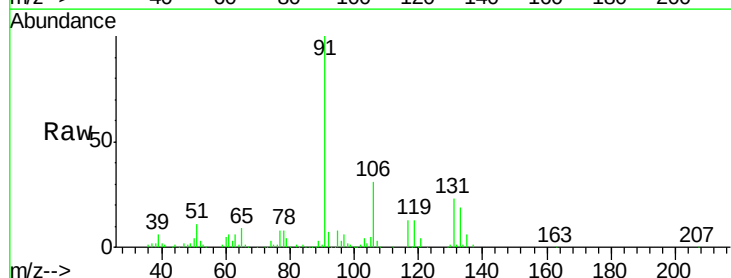
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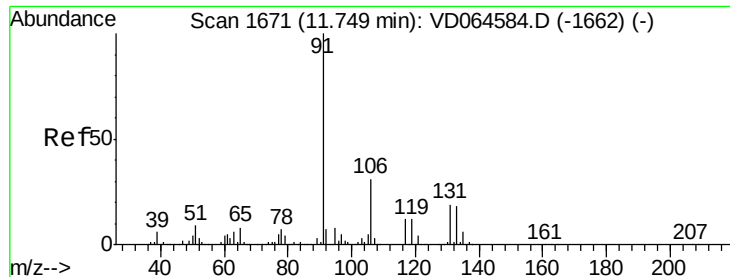
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.595 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	48.3	144.8
119	64.4	32.1	96.3





#67

Ethyl Benzene

Concen: 21.998 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBSD01

Tgt Ion: 91 Resp: 355091

Ion Ratio Lower Upper

91 100

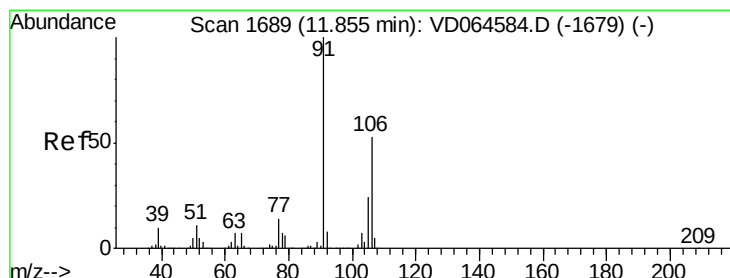
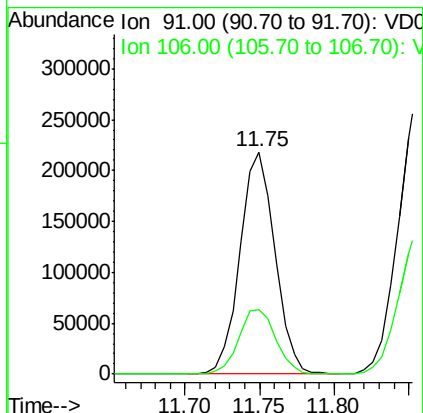
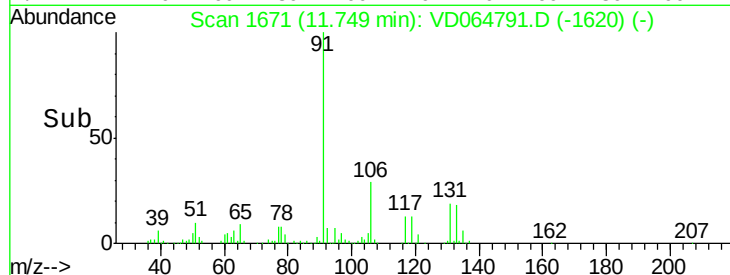
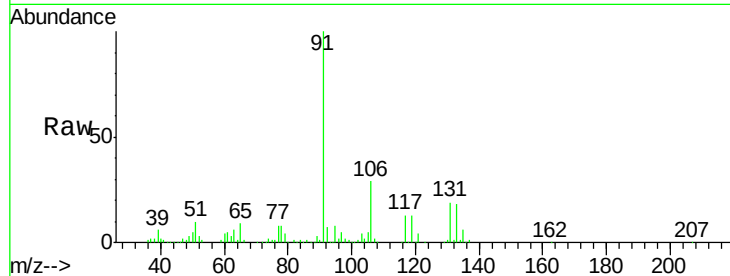
106 28.9 24.6 36.8

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#68

m/p-Xylenes

Concen: 43.690 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064791.D

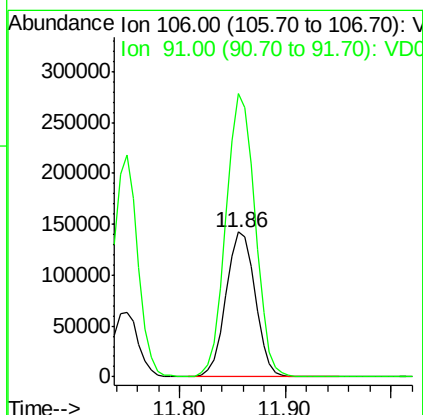
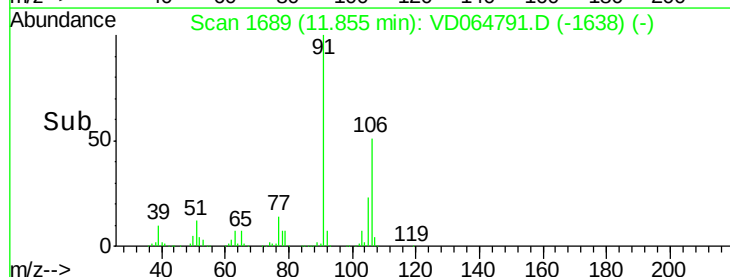
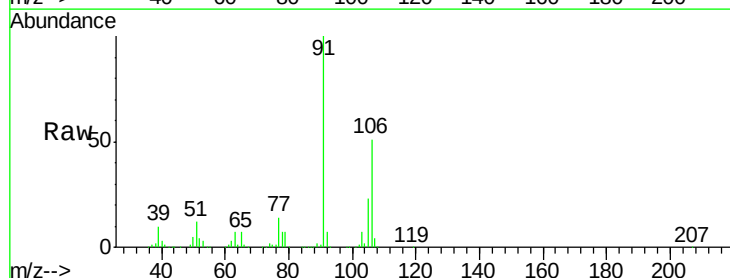
Acq: 07 Jan 2020 14:15

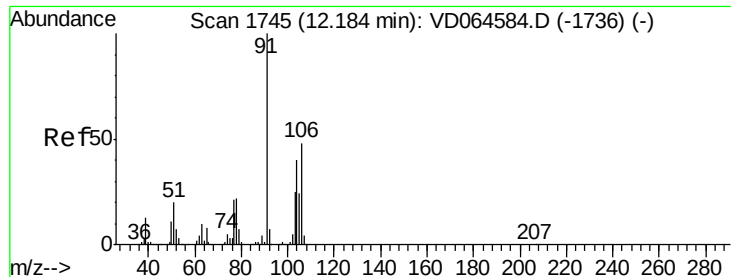
Tgt Ion: 106 Resp: 272215

Ion Ratio Lower Upper

106 100

91 195.6 156.3 234.5





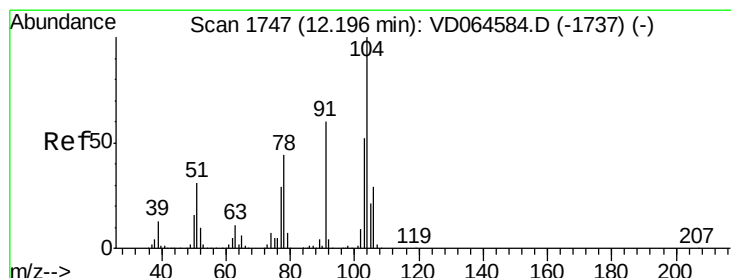
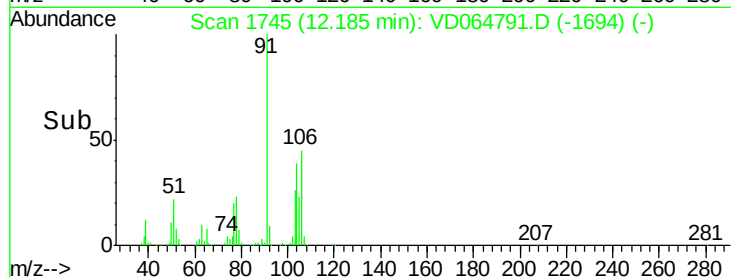
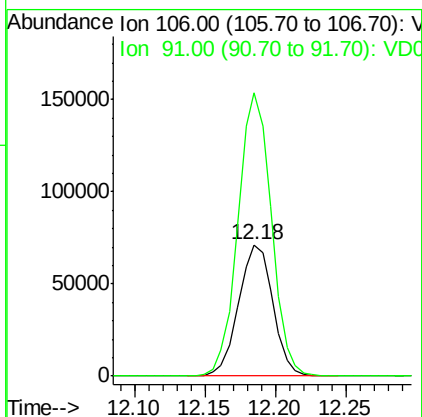
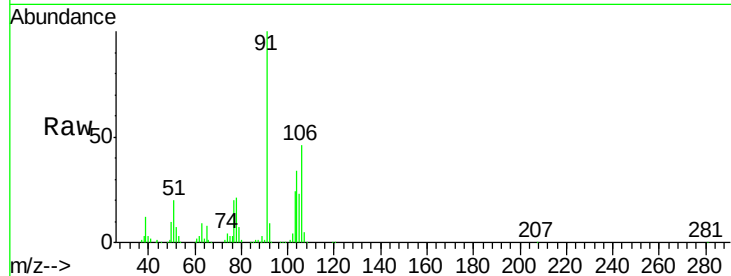
#69
o-Xylene
Concen: 21.566 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion:106 Resp: 121369
Ion Ratio Lower Upper
106 100
91 209.5 104.8 314.4

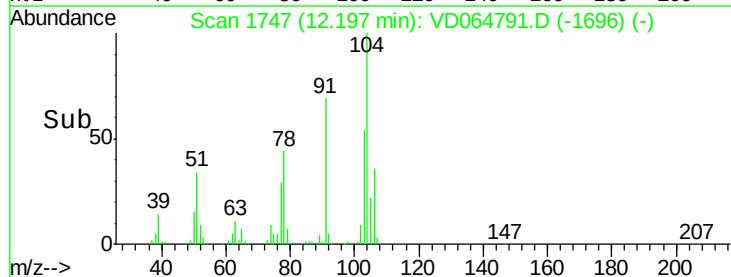
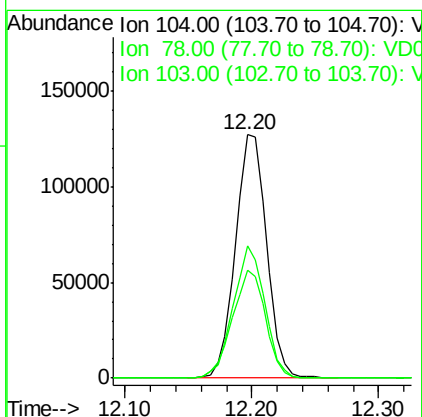
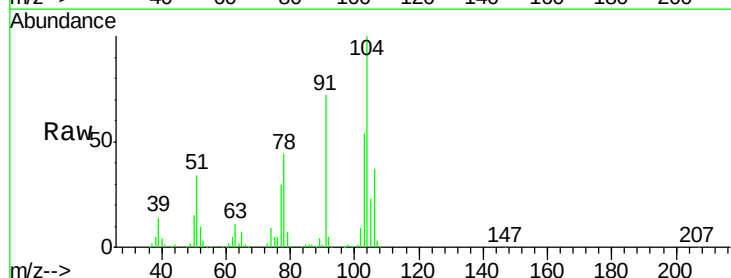
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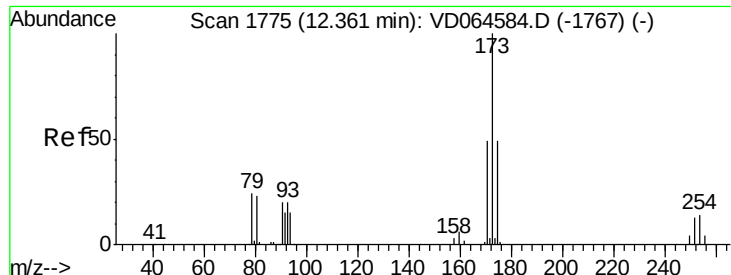
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#70
Styrene
Concen: 21.902 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion:104 Resp: 216354
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.2
103 55.1 44.6 67.0





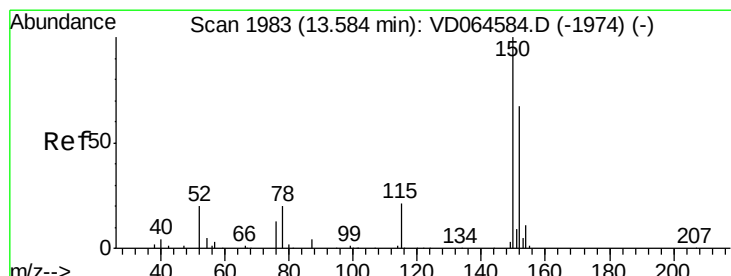
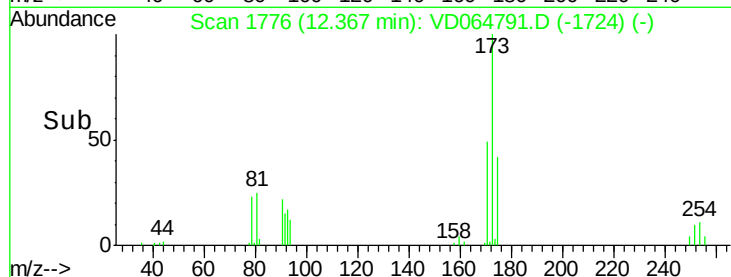
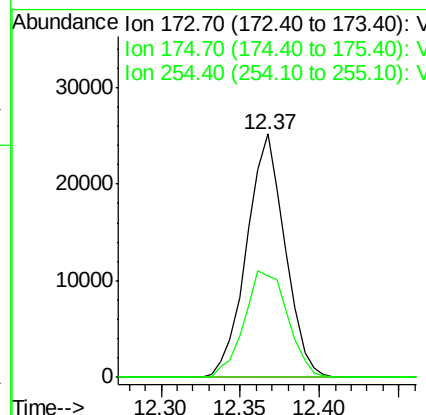
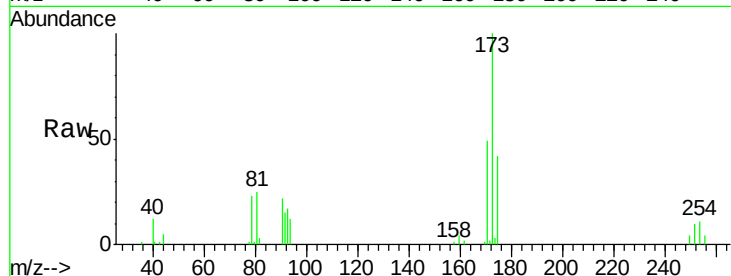
#71
Bromoform
Concen: 22.126 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.8
254	0.0	0.1	0.1#

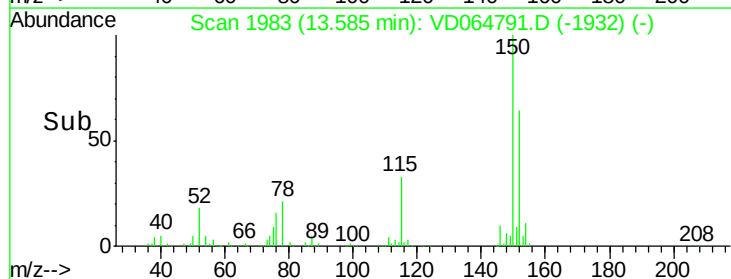
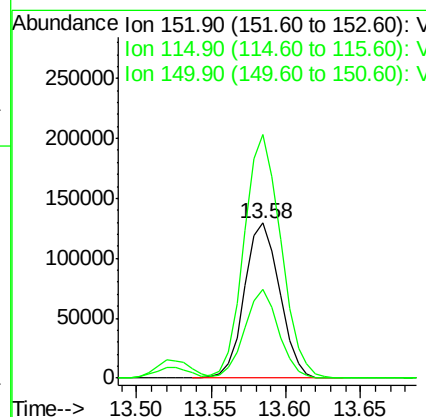
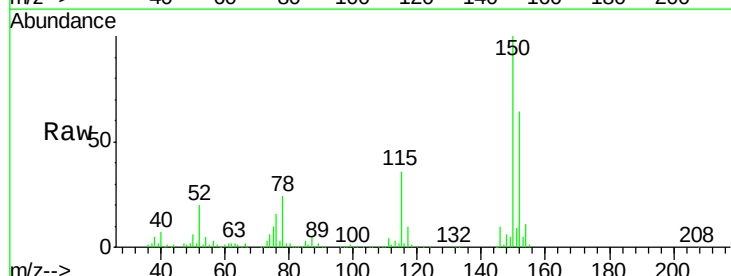
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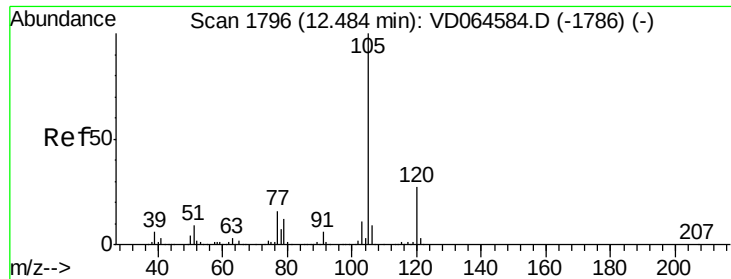
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.4
150	164.9	0.0	351.4





#73

Isopropylbenzene

Concen: 21.768 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBS01

Tgt Ion: 105 Resp: 328457

Ion Ratio Lower Upper

105 100

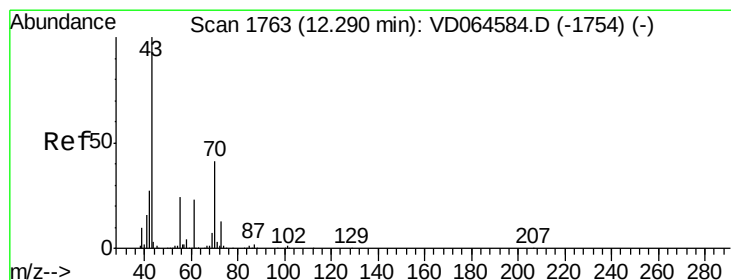
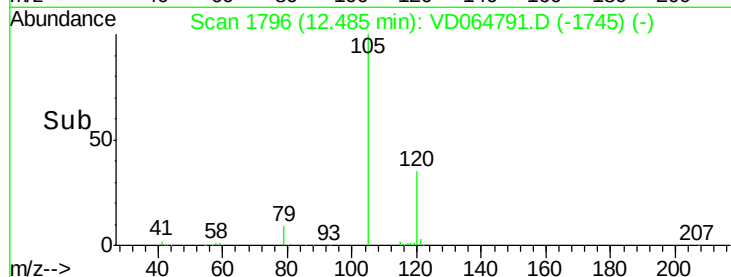
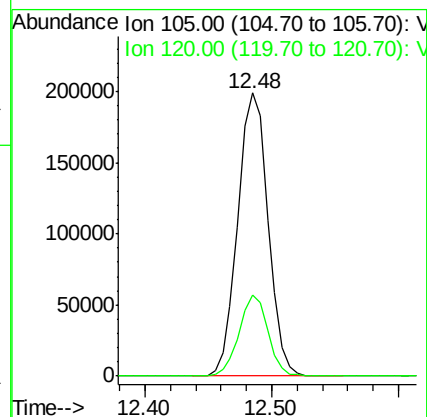
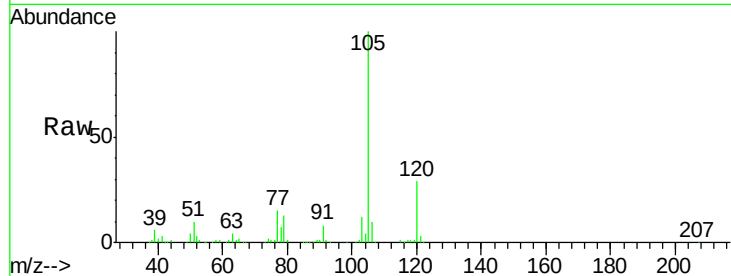
120 27.4 13.5 40.5

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#74

N-ethyl acetate

Concen: 22.180 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion: 43 Resp: 71542

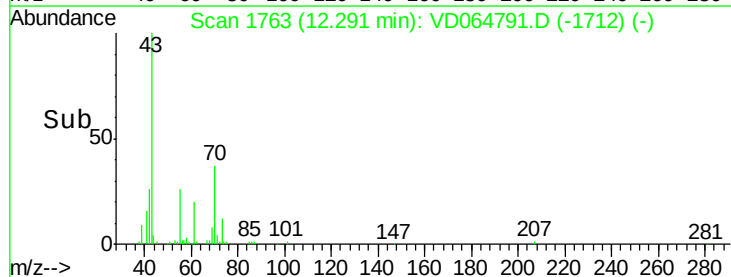
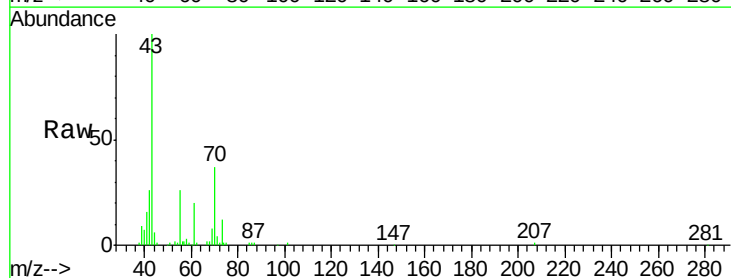
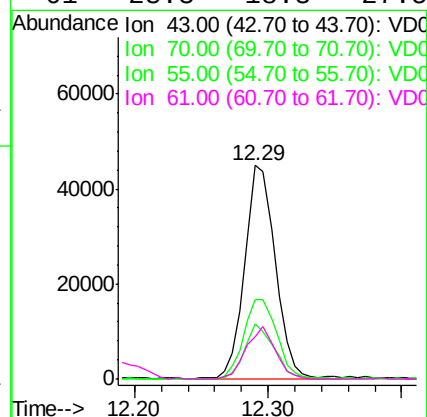
Ion Ratio Lower Upper

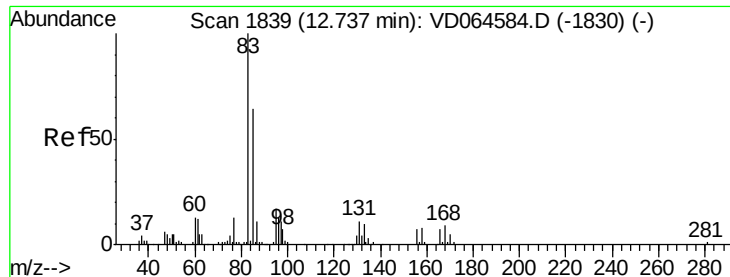
43 100

70 40.2 33.4 50.0

55 24.7 19.4 29.0

61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 23.123 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

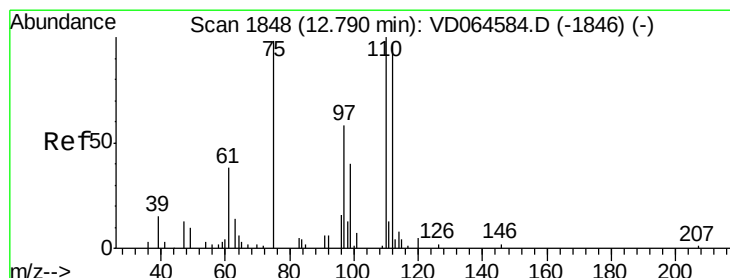
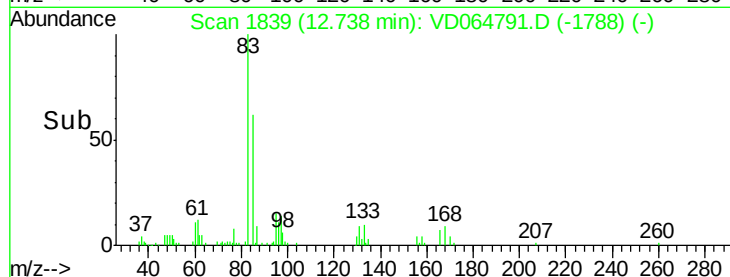
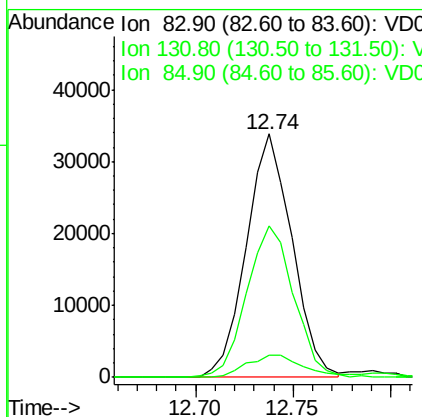
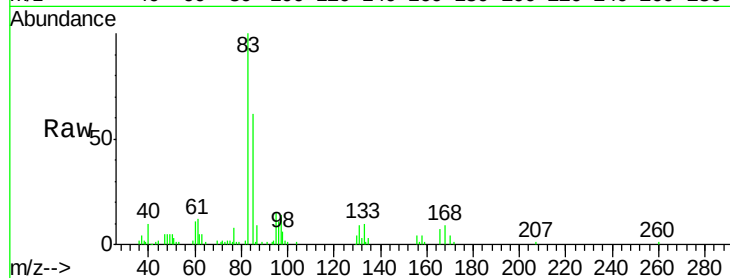
ClientSampleId :

VD0107SBSD01

Tgt Ion:	83	Resp:	54811
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.4
85	64.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 21.221 ug/l m

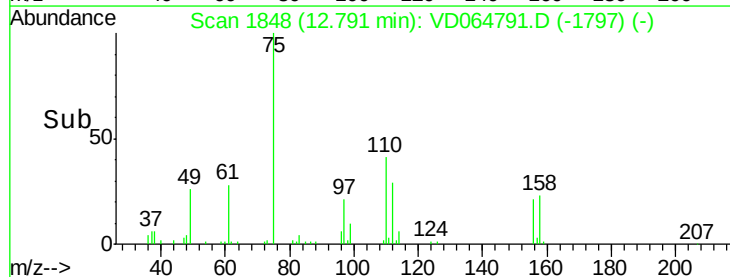
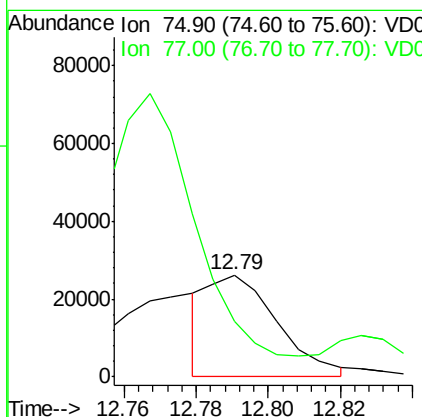
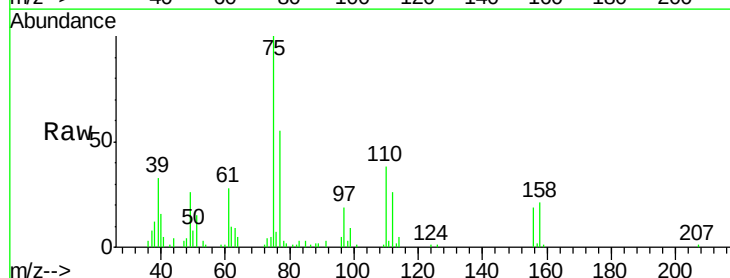
RT: 12.79 min Scan# 1848

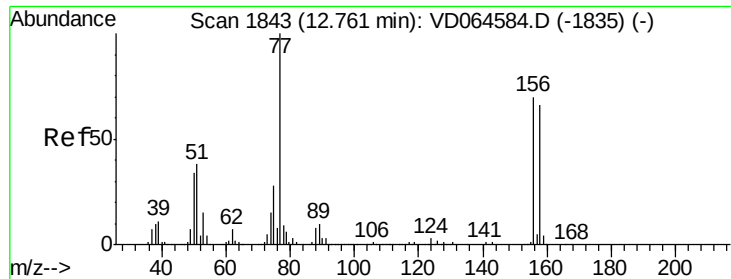
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	75	Resp:	35383
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.204 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

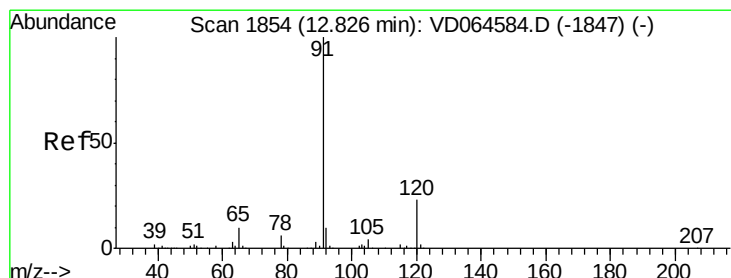
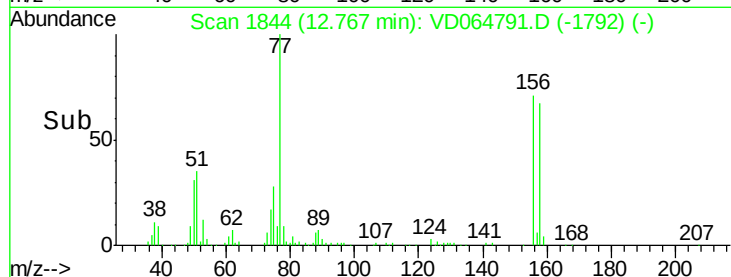
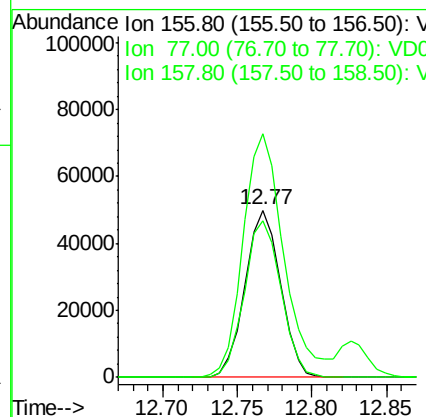
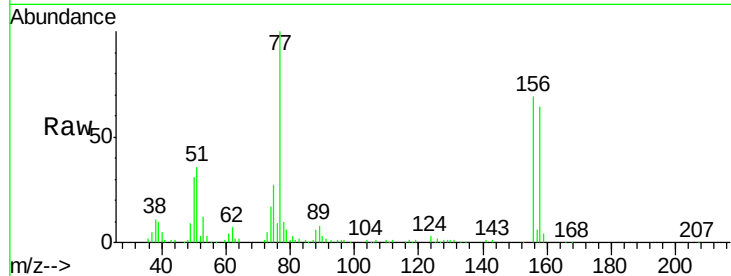
ClientSampleId :

VD0107SBSD01

Tgt Ion:	156	Resp:	82326
Ion Ratio	Lower	Upper	
156	100		
77	166.5	80.9	242.7
158	96.8	48.0	144.2

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#78

n-propylbenzene

Concen: 22.415 ug/l

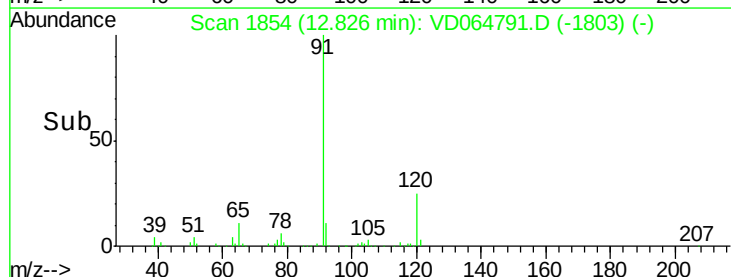
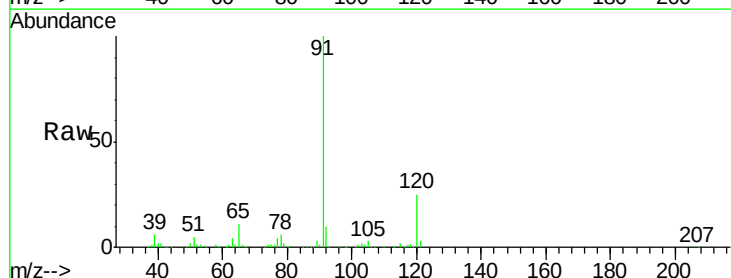
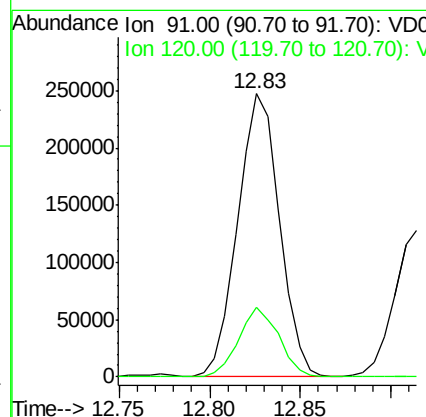
RT: 12.83 min Scan# 1854

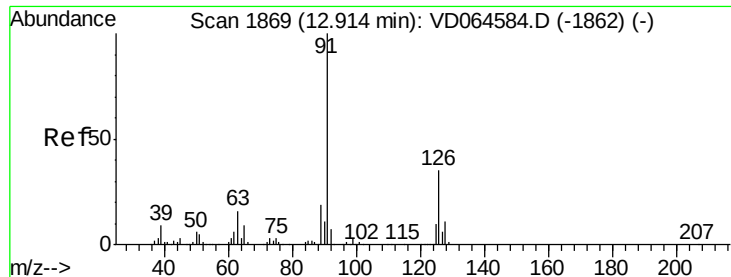
Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Tgt Ion:	91	Resp:	394583
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





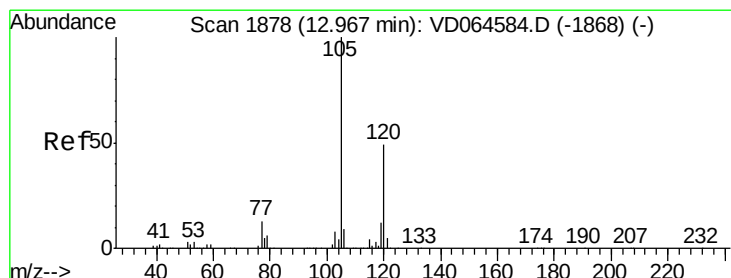
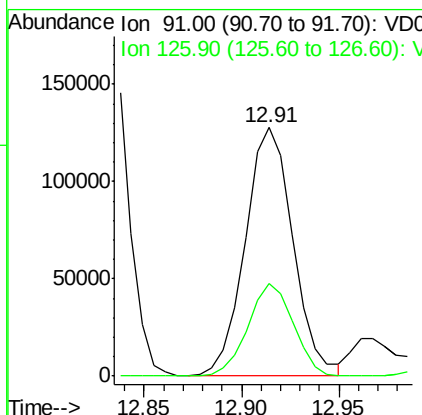
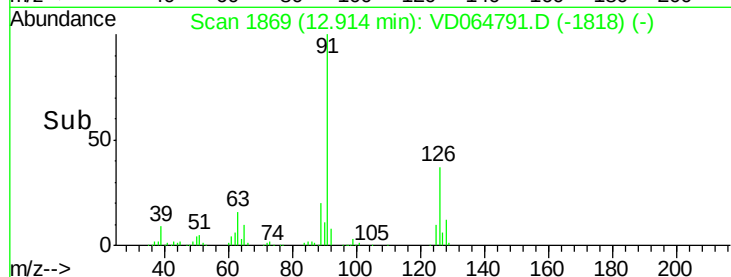
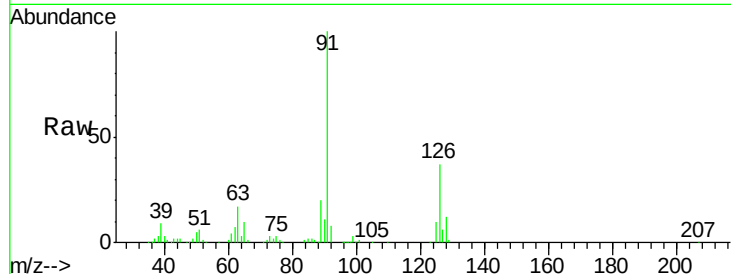
#79
 2-Chlorotoluene
 Concen: 22.367 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion: 91 Resp: 216290
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.8 53.5

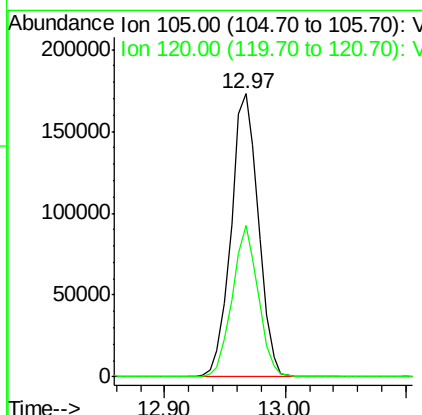
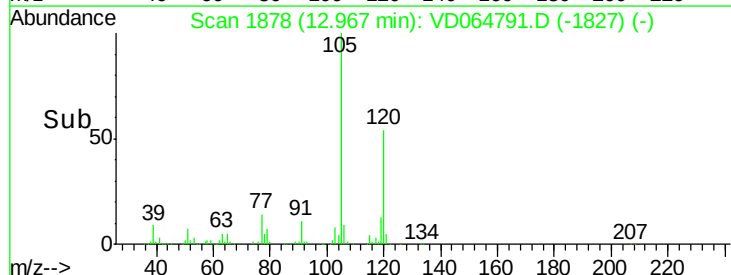
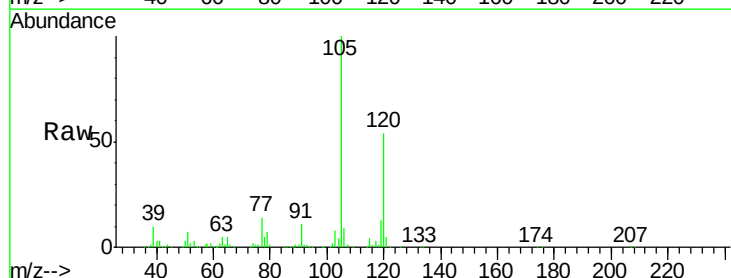
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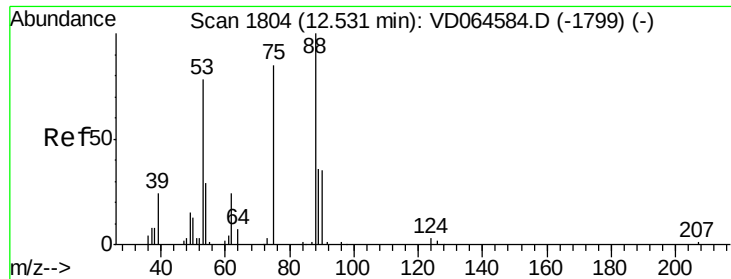
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.995 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion: 105 Resp: 272631
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.0 75.0





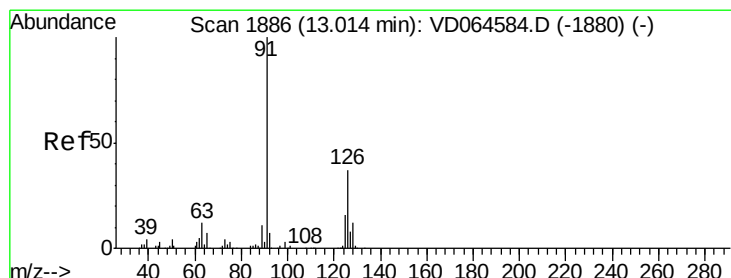
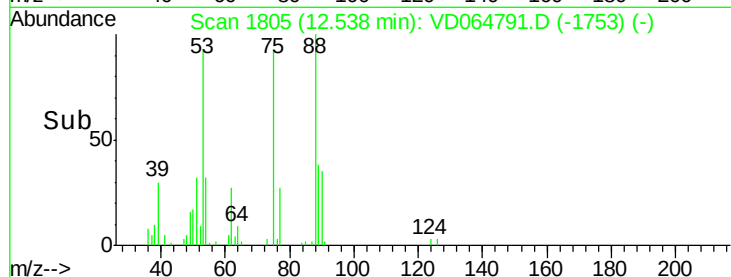
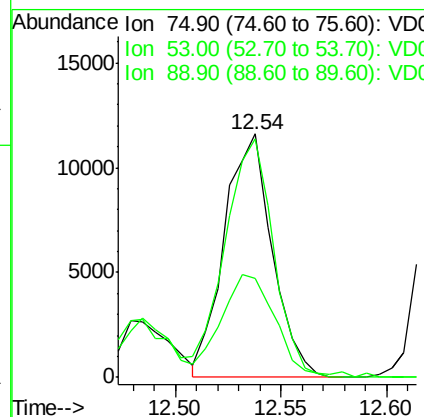
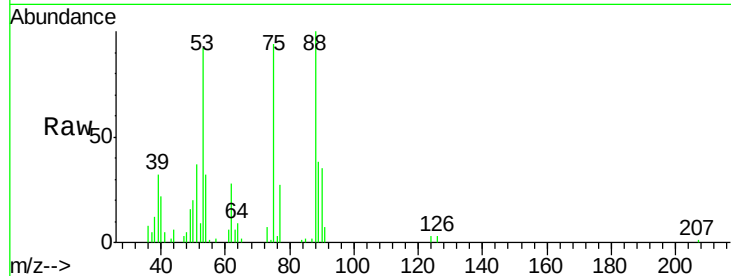
#81
trans-1,4-Dichloro-2-butene
Concen: 22.833 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion: 75 Resp: 18203
Ion Ratio Lower Upper
75 100
53 101.6 78.8 118.2
89 47.3 38.3 57.5

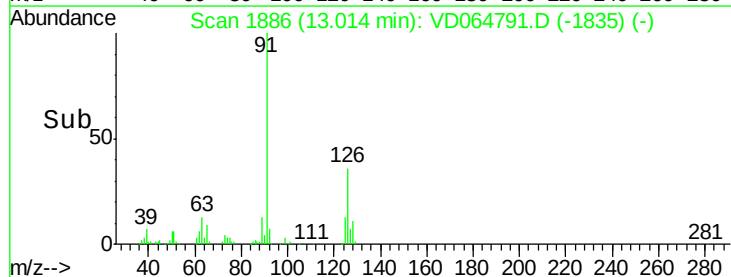
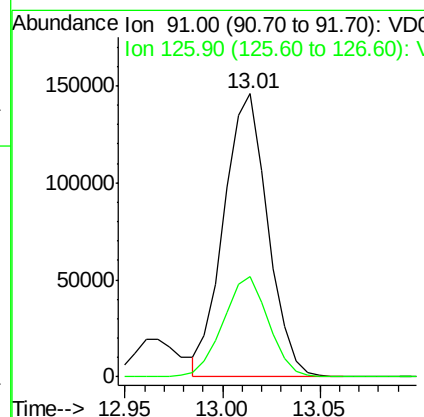
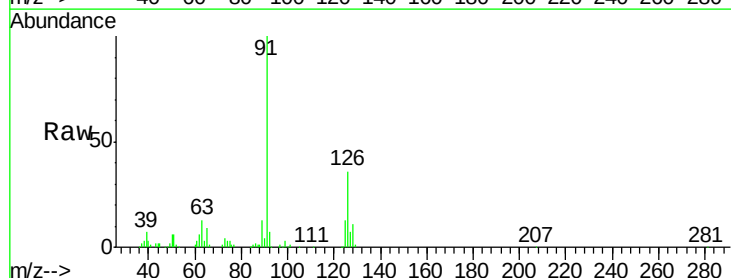
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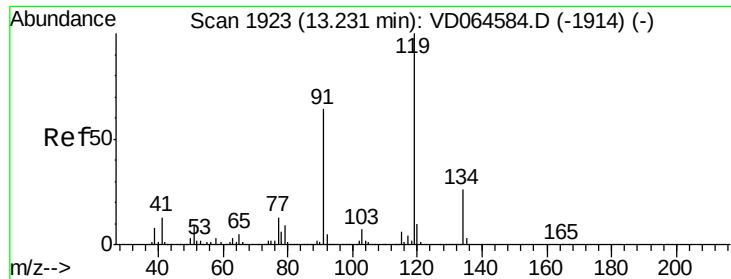
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#82
4-Chlorotoluene
Concen: 22.204 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion: 91 Resp: 228502
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5





#83

tert-Butylbenzene

Concen: 21.529 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD064791.D

Acq: 07 Jan 2020 14:15

Instrument :

MSVOA_D

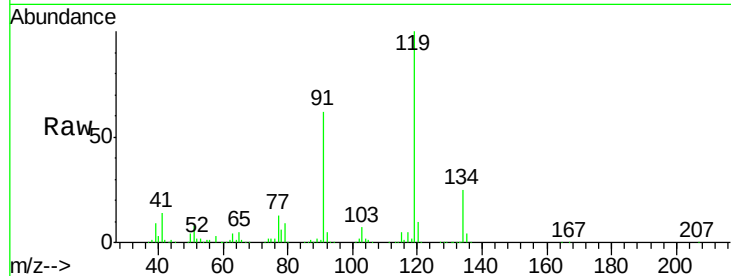
ClientSampleId :

VD0107SBSD01

Tgt Ion:	119	Resp:	231696
Ion Ratio	Lower	Upper	
119	100		
91	64.5	30.8	92.4
134	28.0	12.8	38.3

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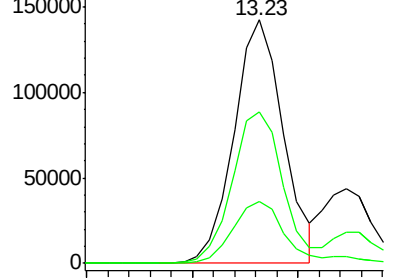
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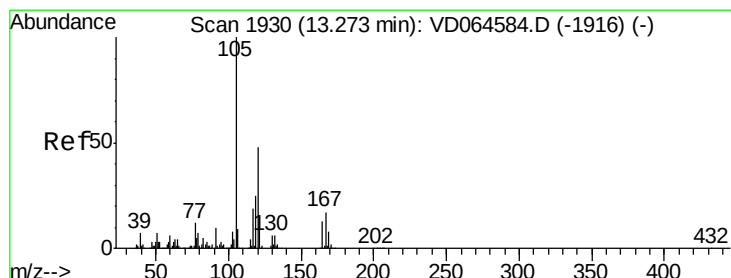
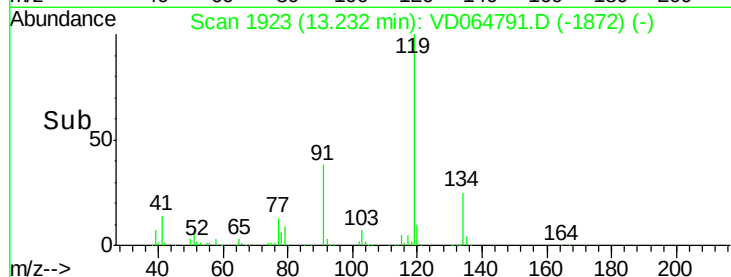
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.15 13.20 13.25



#84

1,2,4-Trimethylbenzene

Concen: 22.154 ug/l

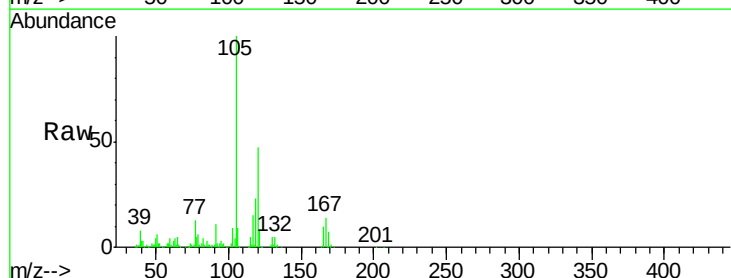
RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064791.D

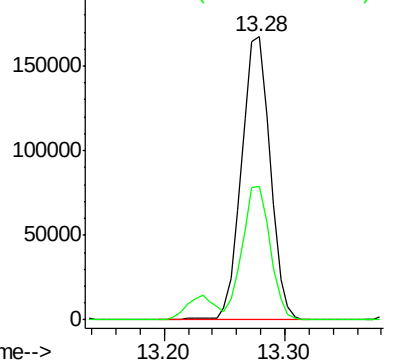
Acq: 07 Jan 2020 14:15

Tgt Ion:	105	Resp:	273482
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.8	71.2

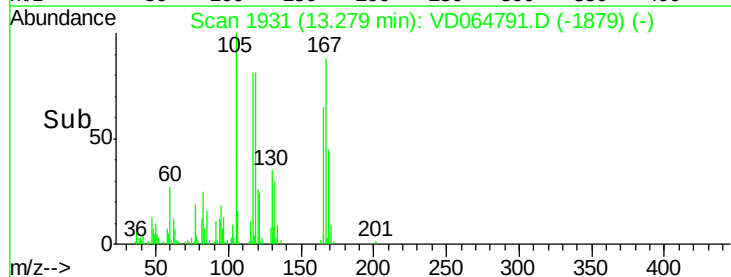


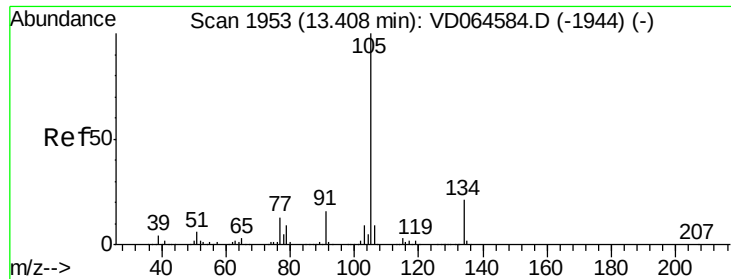
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 13.20 13.30





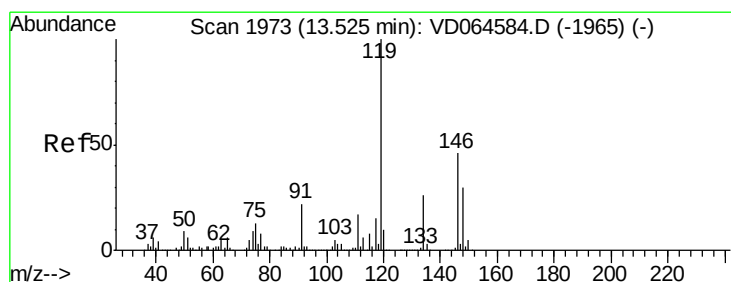
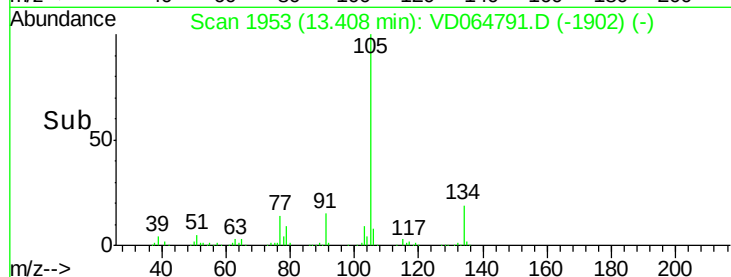
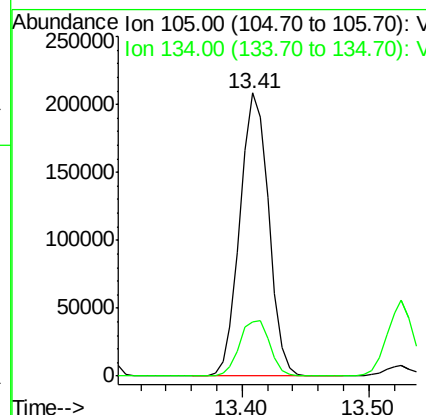
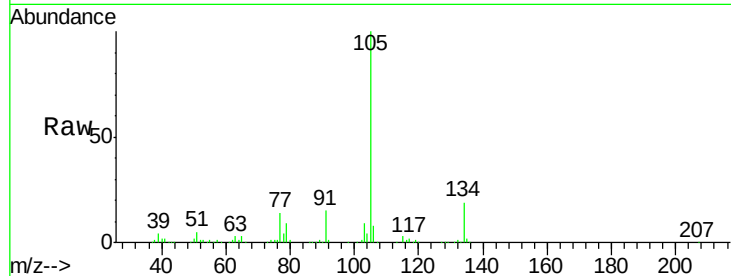
#85
 sec-Butylbenzene
 Concen: 22.191 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBSD01

Tgt Ion:105 Resp: 327403
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.6 31.8

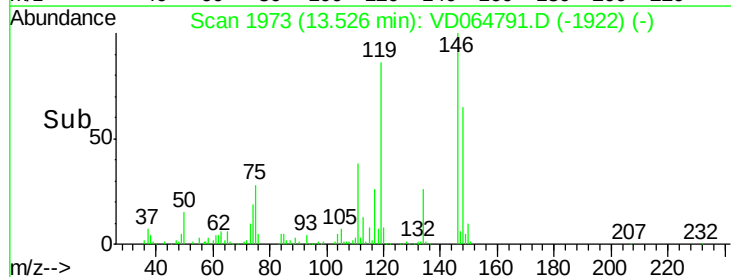
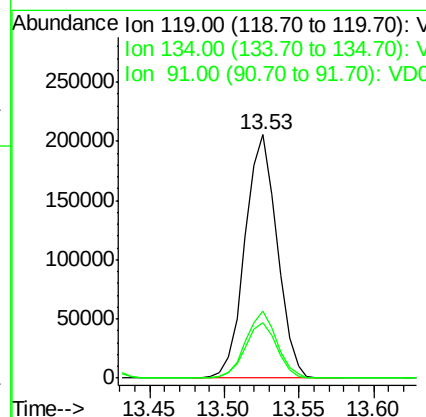
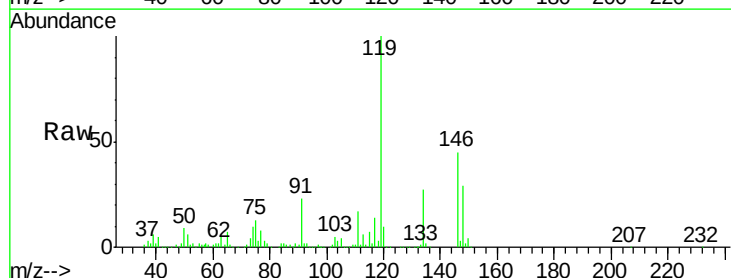
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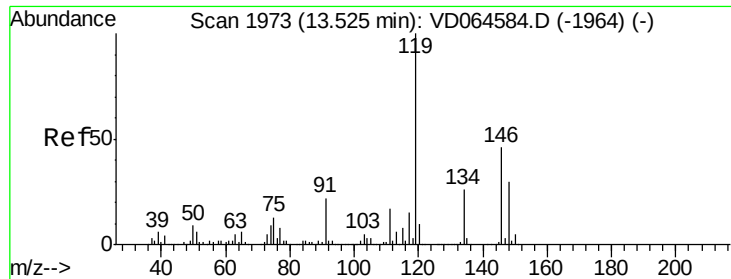
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#86
 p-Isopropyltoluene
 Concen: 21.689 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion:119 Resp: 305983
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 22.6 11.2 33.6





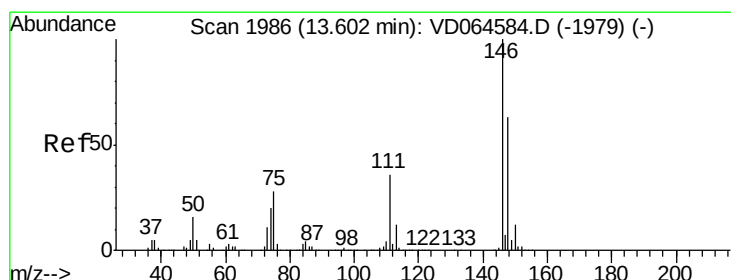
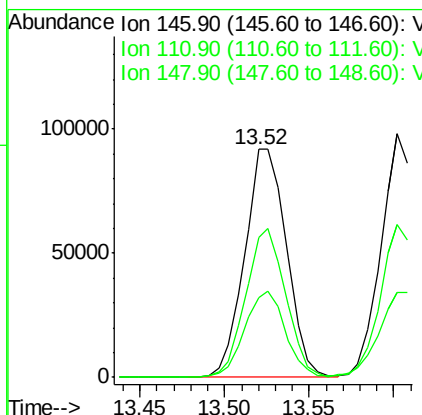
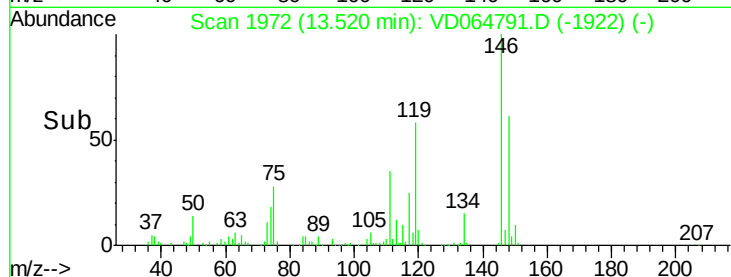
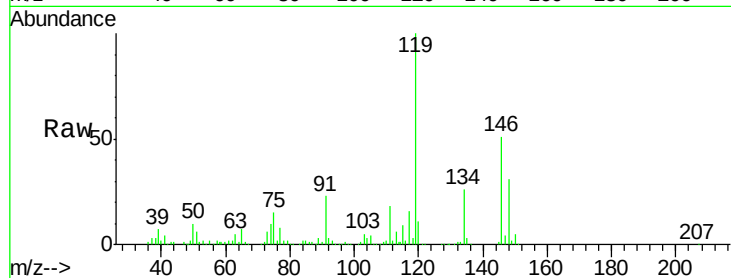
#87
 1,3-Dichlorobenzene
 Concen: 22.436 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158579		
111	36.8	18.8	56.4	
148	62.4	32.5	97.5	

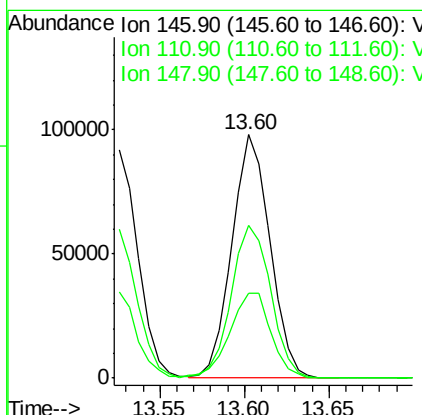
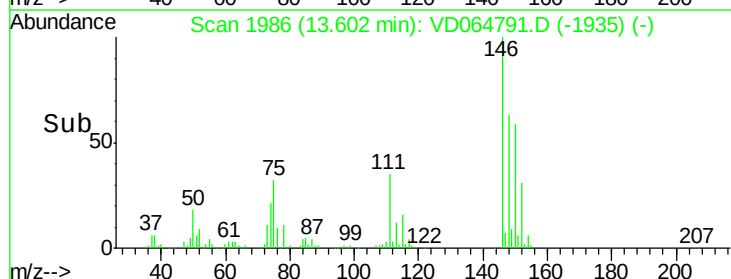
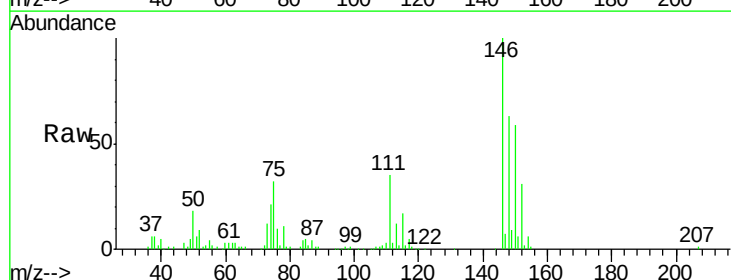
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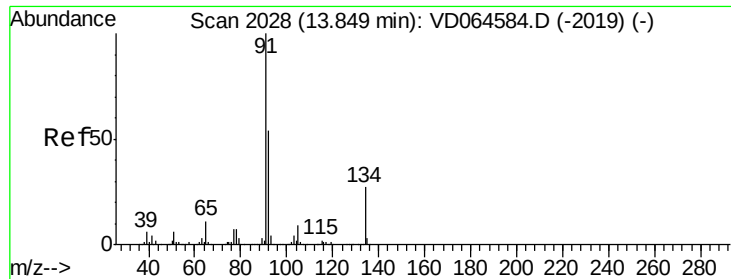
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#88
 1,4-Dichlorobenzene
 Concen: 22.267 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154610		
111	37.8	18.1	54.1	
148	65.0	32.3	96.9	





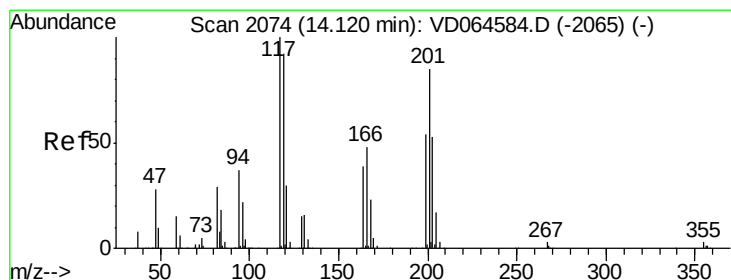
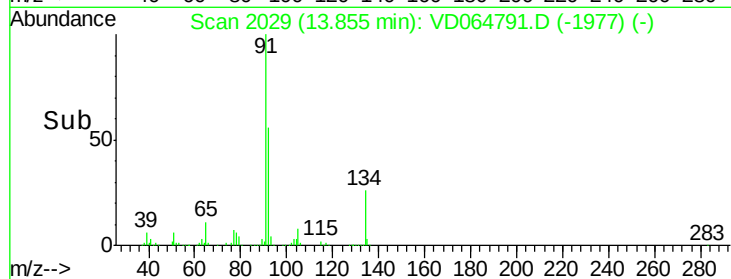
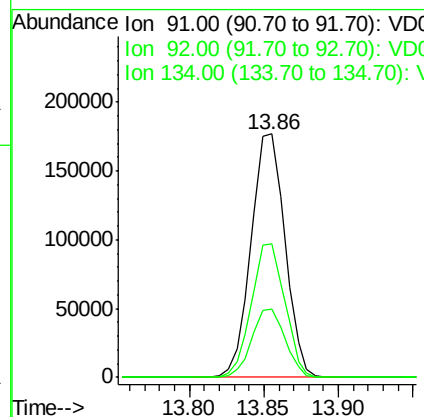
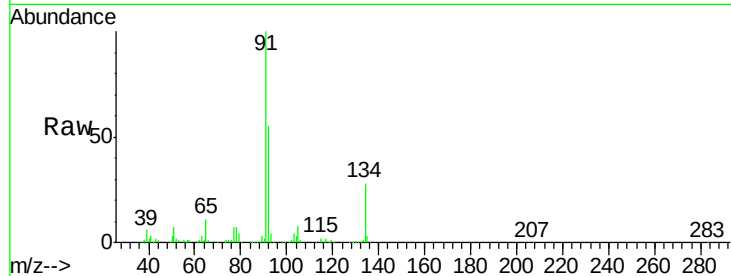
#89
n-Butylbenzene
Concen: 21.836 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	277418		
92	54.1	26.8	80.4	
134	27.6	14.0	41.9	

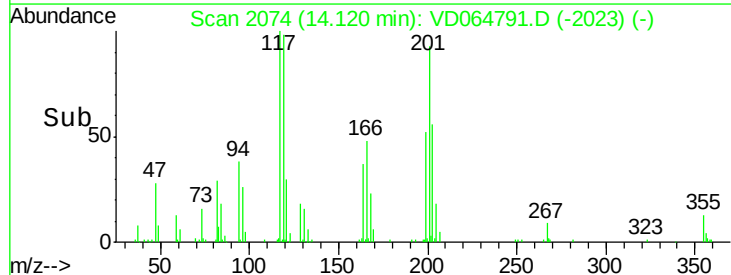
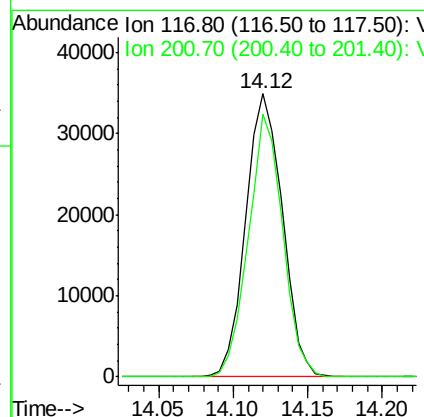
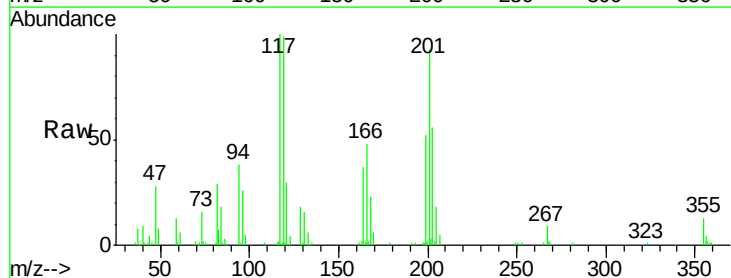
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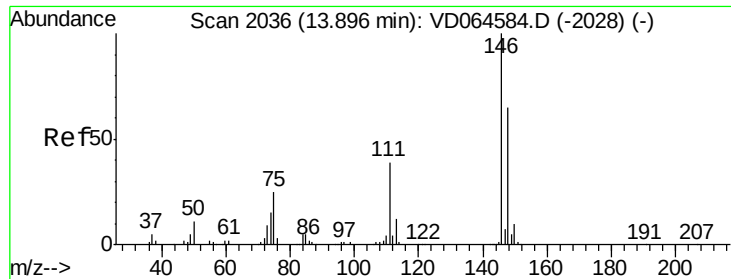
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#90
Hexachloroethane
Concen: 22.012 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59320		
201	86.5	44.0	131.8	





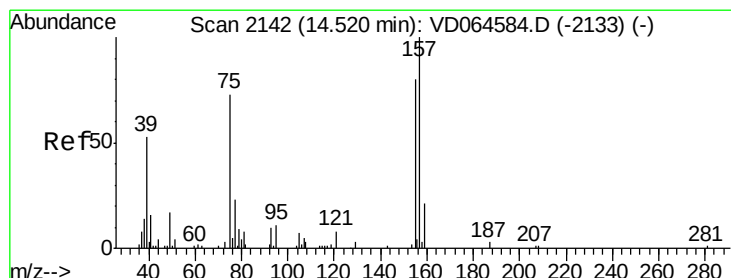
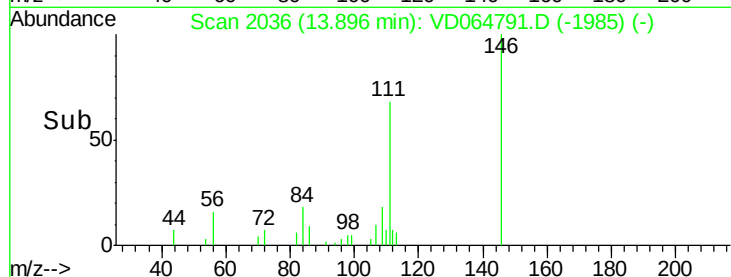
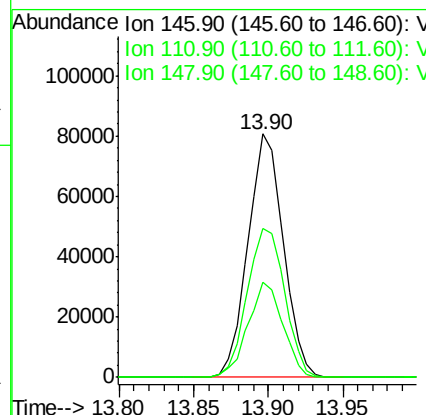
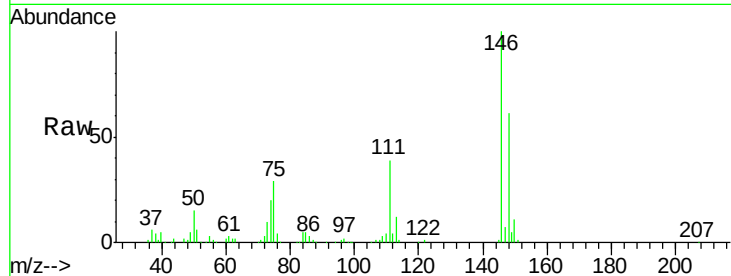
#91
 1,2-Dichlorobenzene
 Concen: 22.006 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	64.6	31.9	95.5

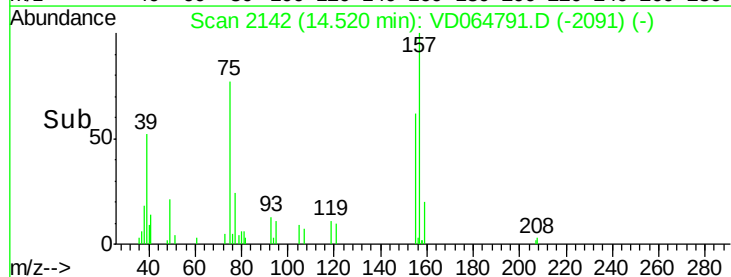
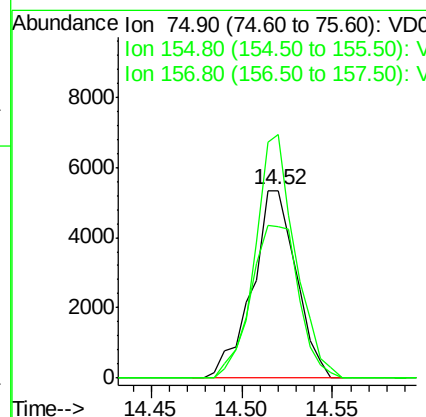
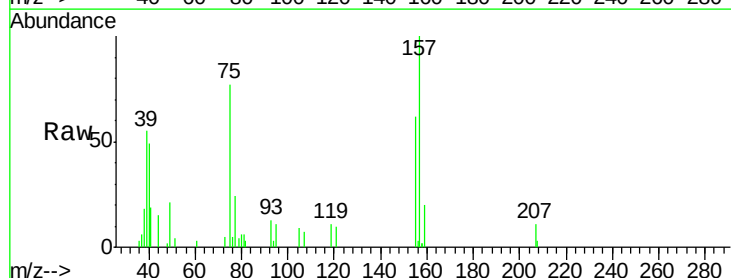
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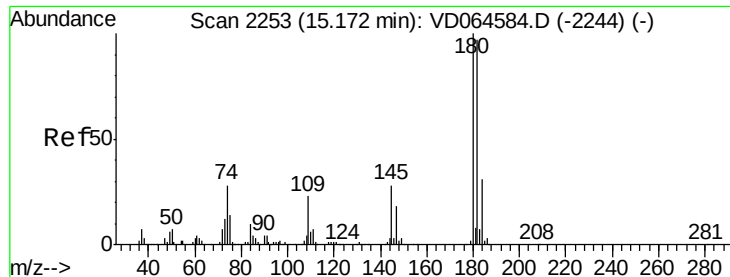
apatel
 1/8/2020 9:26:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.406 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	48.0	144.0
157	118.4	64.1	192.3





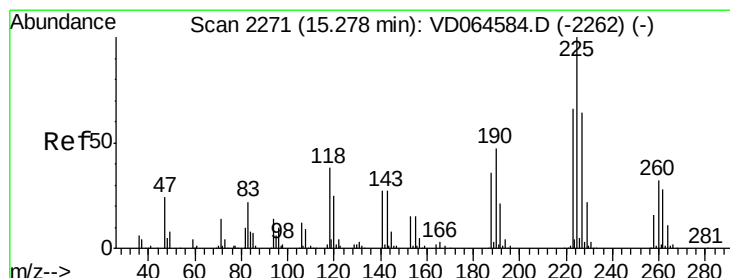
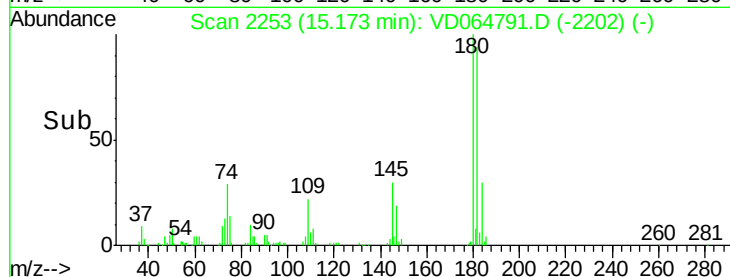
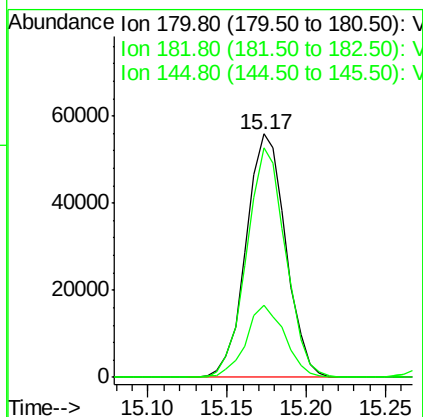
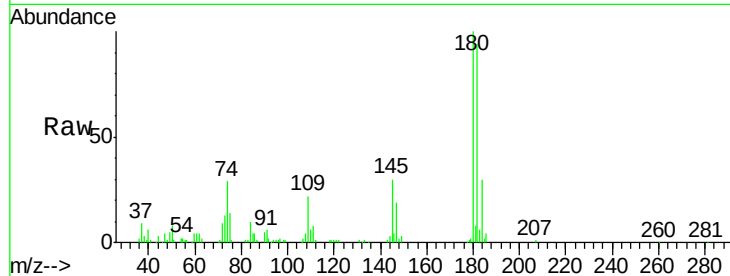
#93
 1,2,4-Trichlorobenzene
 Concen: 21.885 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97121		
182	92.8	48.0	144.2	
145	29.1	13.8	41.4	

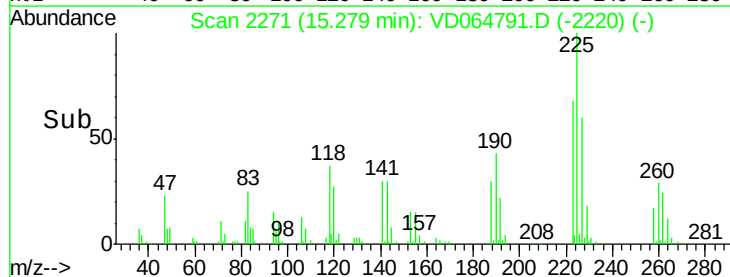
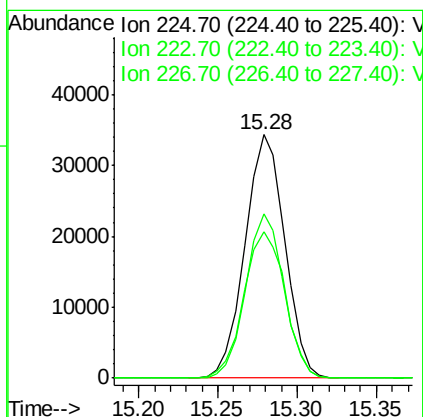
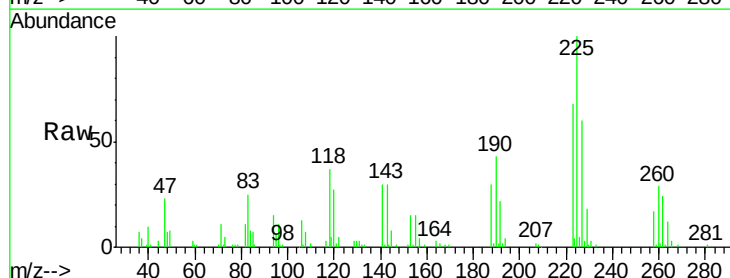
Manual Integrations
 APPROVED

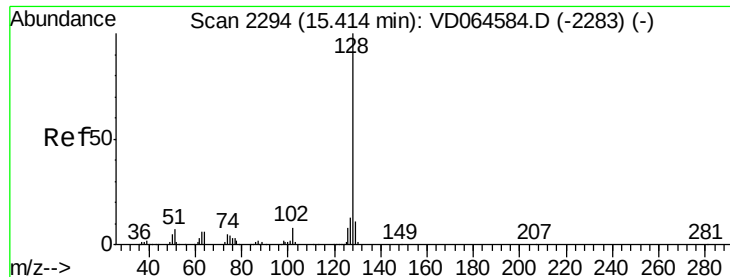
apatel
 1/8/2020 9:26:36 AM



#94
 Hexachlorobutadiene
 Concen: 21.434 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064791.D
 Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59854		
223	64.6	31.1	93.2	
227	62.8	30.9	92.7	





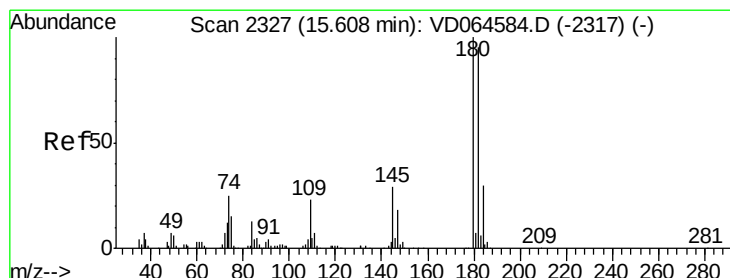
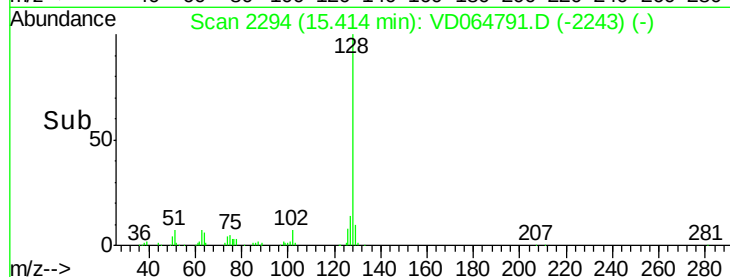
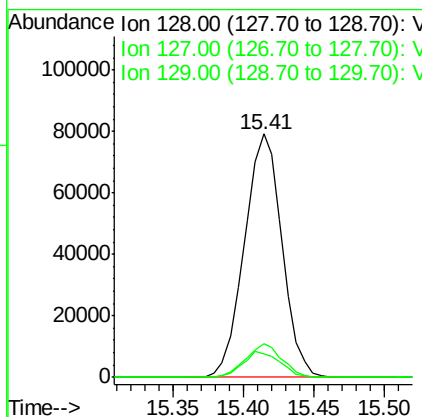
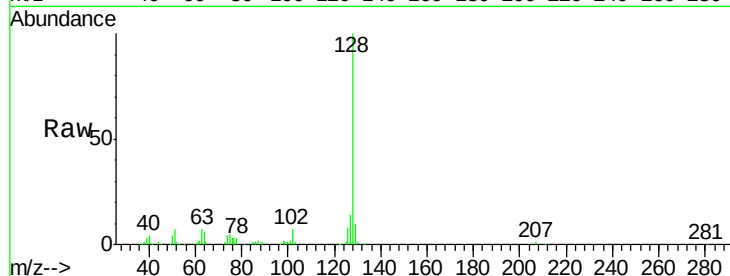
#95
Naphthalene
Concen: 20.999 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.6	8.5	12.7

Manual Integrations
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apatel
1/8/2020 9:26:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.188 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064791.D
Acq: 07 Jan 2020 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.7
145	30.4	14.9	44.7

