

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002564.D
 Acq On : 15 May 2018 21:10
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:26:09 PM

Quant Time: May 16 07:16:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	298866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120762	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.88	113	107832	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.33	98	411010	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.63	95	151924	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50560	60.67	ug/l	95
3) Chloromethane	2.20	50	77211	48.44	ug/l	94
4) Vinyl Chloride	2.35	62	127437	50.98	ug/l	95
5) Bromomethane	2.76	94	98535	48.08	ug/l	97
6) Chloroethane	2.92	64	83486	48.53	ug/l	94
7) Trichlorofluoromethane	3.24	101	44457	40.36	ug/l	93
8) Diethyl Ether	3.67	74	76149	57.78	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	95006	52.07	ug/l	100
10) Methyl Iodide	4.26	142	145451	50.02	ug/l	100
11) Tert butyl alcohol	5.19	59	42309	246.64	ug/l	97
12) 1,1-Dichloroethene	4.02	96	90856	50.30	ug/l	99
13) Acrolein	3.88	56	50935	301.40	ug/l	100
14) Allyl chloride	4.65	41	118668	44.28	ug/l	100
15) Acrylonitrile	5.37	53	130730	275.05	ug/l	99
16) Acetone	4.12	43	110877	235.35	ug/l	100
17) Carbon Disulfide	4.37	76	233267	46.93	ug/l	99
18) Methyl Acetate	4.67	43	78610	57.24	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	185994	56.04	ug/l	100
20) Methylene Chloride	4.91	84	97614	52.20	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	97926	50.15	ug/l	95
22) Diisopropyl ether	6.31	45	306700	51.66	ug/l	97
23) Vinyl Acetate	6.25	43	992998	275.96	ug/l	99
24) 1,1-Dichloroethane	6.20	63	185565	51.86	ug/l	99
25) 2-Butanone	7.18	43	189964	285.14	ug/l	99
26) 2,2-Dichloropropane	7.17	77	91538	45.65	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	114332	51.32	ug/l	98
28) Bromochloromethane	7.51	49	85807	53.72	ug/l	98
29) Tetrahydrofuran	7.53	42	119459	287.04	ug/l	99
30) Chloroform	7.67	83	198243	51.88	ug/l	98
31) Cyclohexane	7.95	56	149895	47.29	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	141334	49.04	ug/l	99
36) 1,1-Dichloropropene	8.08	75	145172	51.78	ug/l	99
37) Ethyl Acetate	7.26	43	79060	56.86	ug/l	99
38) Carbon Tetrachloride	8.06	117	141831	51.67	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170558	53.11	ug/l	99
40) Benzene	8.32	78	421332	52.34	ug/l	98
41) Methacrylonitrile	7.49	41	50702	65.15	ug/l	90
42) 1,2-Dichloroethane	8.40	62	140299	54.88	ug/l	100
43) Isopropyl Acetate	8.43	43	152686	57.09	ug/l	99
44) Trichloroethene	9.09	130	114876	52.08	ug/l	98
45) 1,2-Dichloropropane	9.37	63	108001	52.65	ug/l	100
46) Dibromomethane	9.46	93	64356	55.14	ug/l	98
47) Bromodichloromethane	9.65	83	148949	54.72	ug/l	97
48) Methyl methacrylate	9.44	41	75249	58.07	ug/l	99
49) 1,4-Dioxane	9.45	88	22060	1134.05	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	435349	296.48	ug/l	100
52) Toluene	10.39	92	271476	53.34	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	151274	54.96	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	168578	54.94	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89890	54.66	ug/l	98
56) Ethyl methacrylate	10.65	69	120097	59.93	ug/l	99
57) 1,3-Dichloropropane	10.94	76	154027	56.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	277574	282.14	ug/l	100
59) 2-Hexanone	10.98	43	305089	300.95	ug/l	100
60) Dibromochloromethane	11.13	129	110281	56.83	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88760	55.93	ug/l	99
64) Tetrachloroethene	10.87	164	114366	54.29	ug/l	94
65) Chlorobenzene	11.66	112	314528	52.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115855	54.37	ug/l	99
67) Ethyl Benzene	11.74	91	541108	53.49	ug/l	99
68) m/p-Xylenes	11.85	106	421796	107.24	ug/l	100
69) o-Xylene	12.18	106	200426	53.63	ug/l	100
70) Styrene	12.19	104	340456	54.74	ug/l	100
71) Bromoform	12.36	173	72202	57.67	ug/l #	99
73) Isopropylbenzene	12.48	105	552978	53.11	ug/l	99
74) N-amyl acetate	12.28	43	150861	56.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	116441	55.19	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	86121m	53.94	ug/l	
77) Bromobenzene	12.76	156	140557	52.91	ug/l	99
78) n-propylbenzene	12.82	91	664062	52.81	ug/l	100
79) 2-Chlorotoluene	12.90	91	372100	52.11	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	471220	53.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33227	56.74	ug/l	98
82) 4-Chlorotoluene	13.00	91	402319	52.10	ug/l	100
83) tert-Butylbenzene	13.22	119	411787	53.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	486476	52.74	ug/l	99
85) sec-Butylbenzene	13.40	105	582183	52.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	529445	53.39	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	279836	52.08	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	276727	51.76	ug/l	99
89) n-Butylbenzene	13.83	91	500549	53.36	ug/l	99
90) Hexachloroethane	14.10	117	93810	52.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	257961	52.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21147	56.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	188780	53.19	ug/l	99
94) Hexachlorobutadiene	15.26	225	104025	52.67	ug/l	99
95) Naphthalene	15.38	128	375472	58.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	171628	54.04	ug/l	100

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

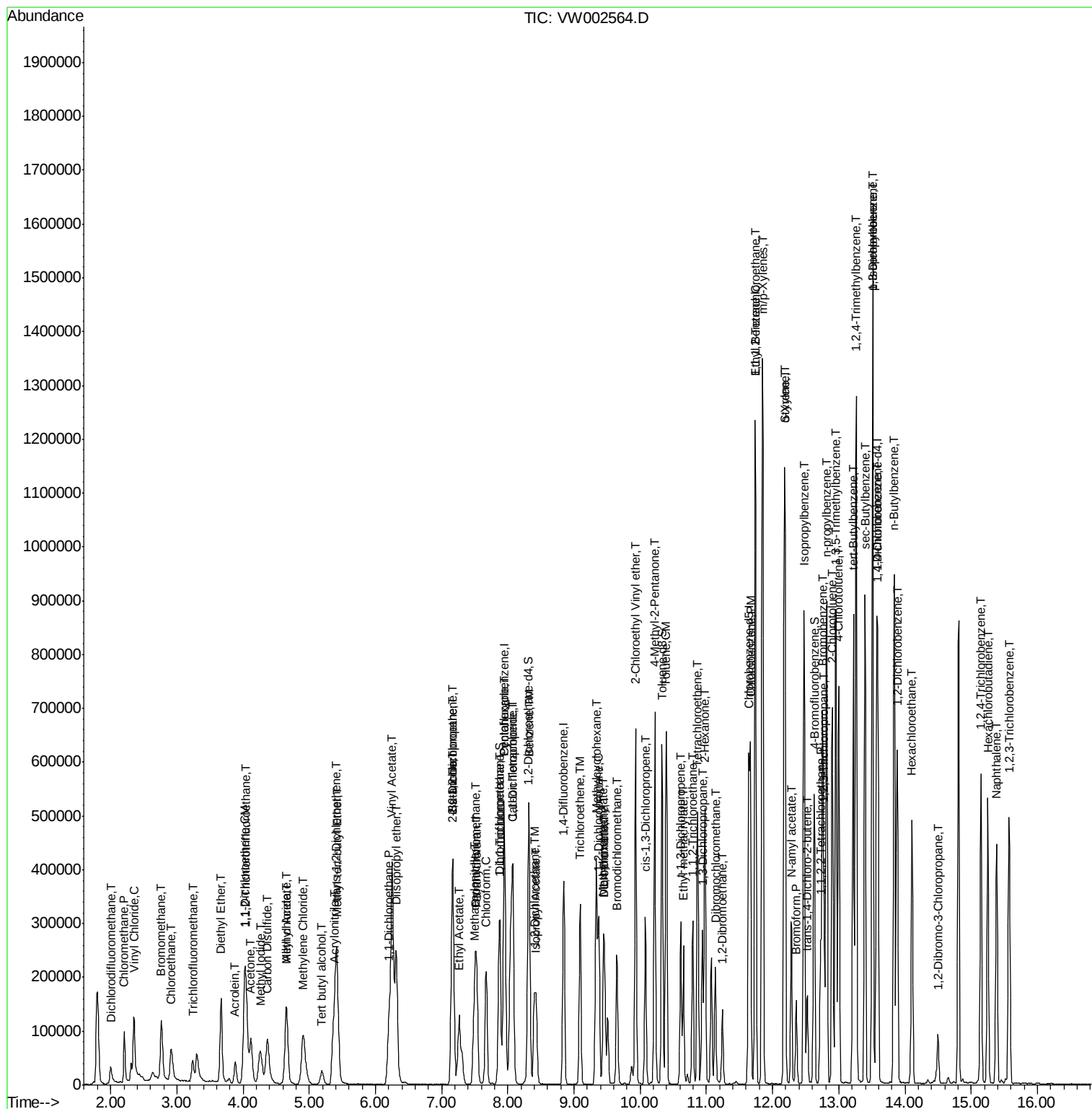
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
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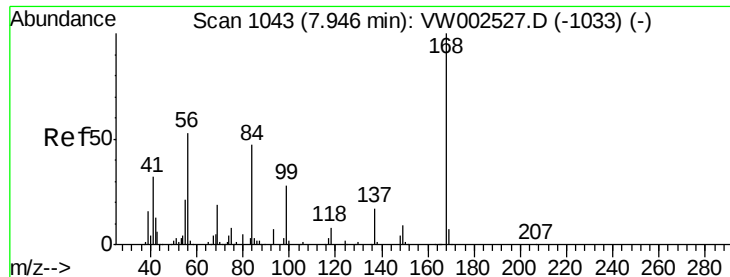
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 215951

Ion Ratio Lower Upper

168 100

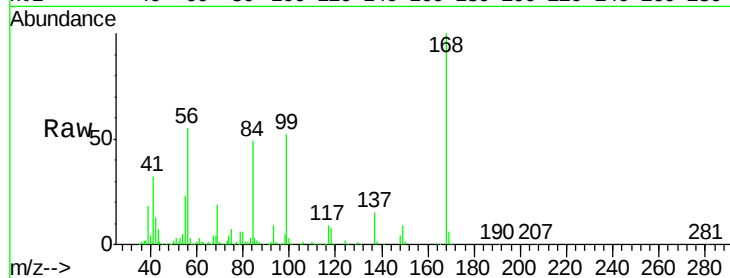
99 52.1 42.6 64.0

Manual Integrations

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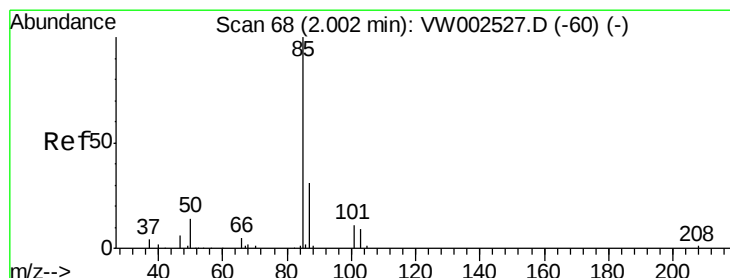
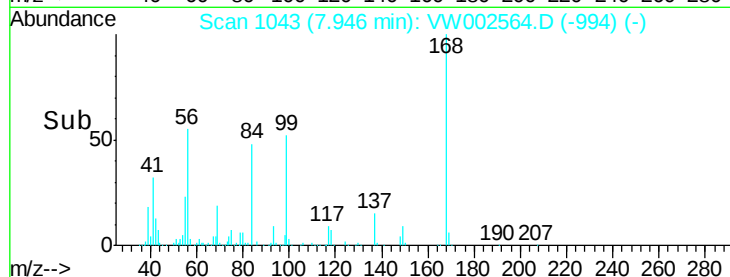
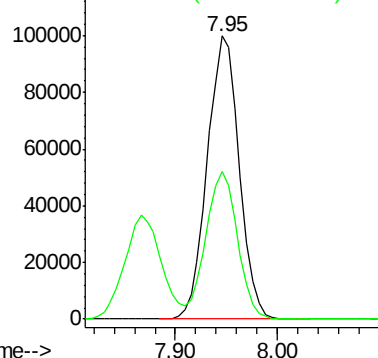
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 60.67 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002564.D

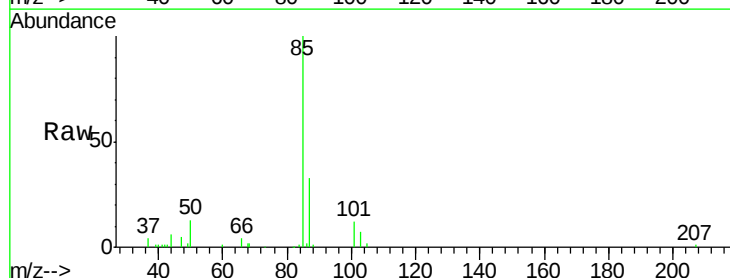
Acq: 15 May 2018 21:10

Tgt Ion: 85 Resp: 50560

Ion Ratio Lower Upper

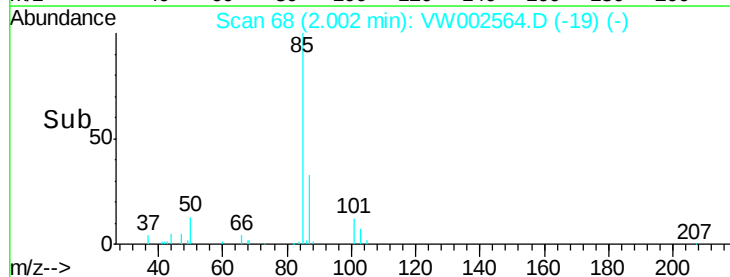
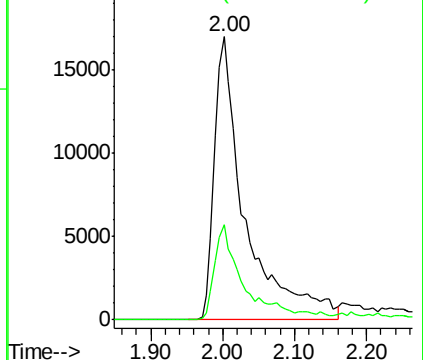
85 100

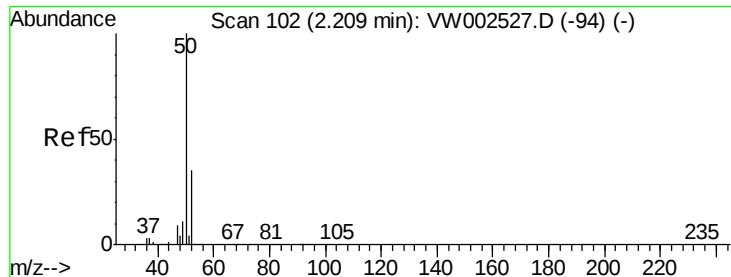
87 33.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.44 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 77211

Ion Ratio Lower Upper

50 100

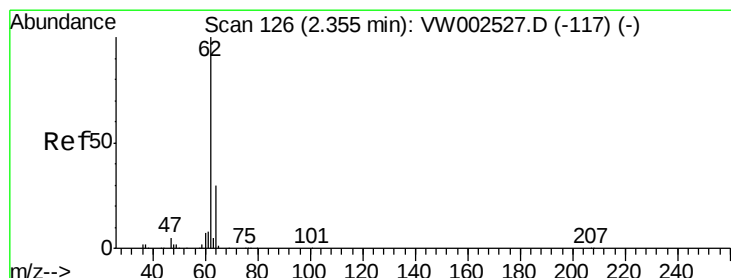
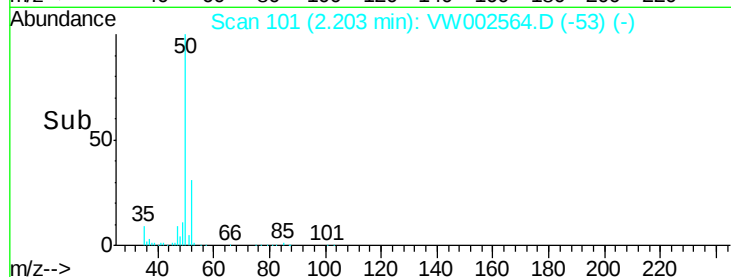
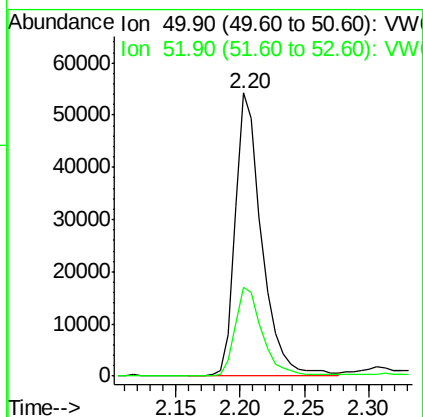
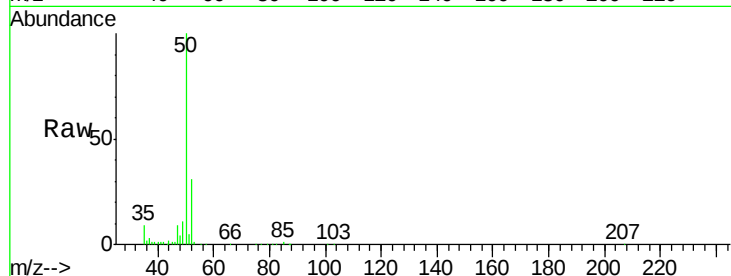
52 31.2 27.8 41.8

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#4

Vinyl Chloride

Concen: 50.98 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002564.D

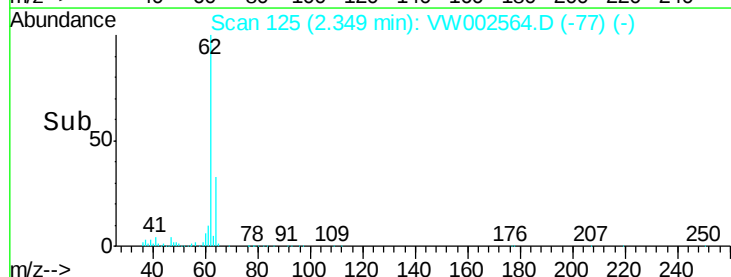
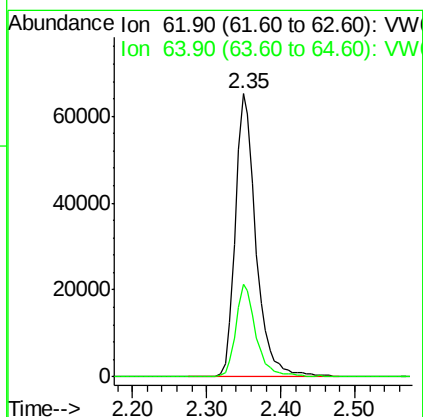
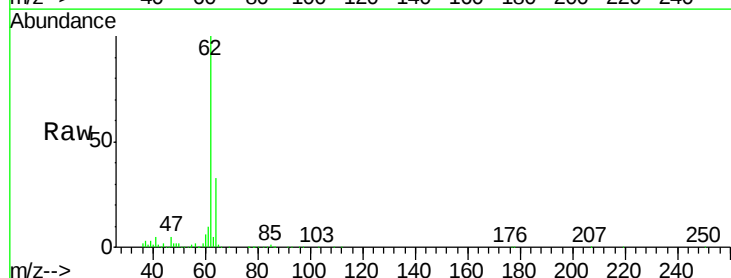
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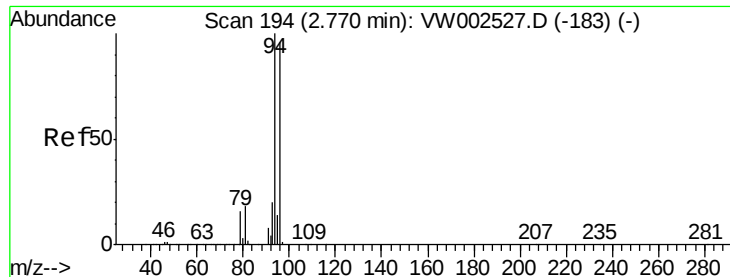
Tgt Ion: 62 Resp: 127437

Ion Ratio Lower Upper

62 100

64 32.7 24.0 36.0





#5

Bromomethane

Concen: 48.08 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 98535

Ion Ratio Lower Upper

94 100

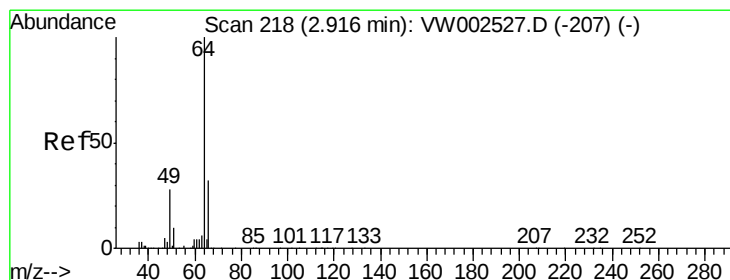
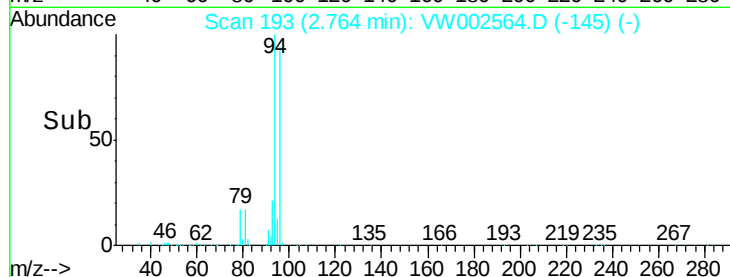
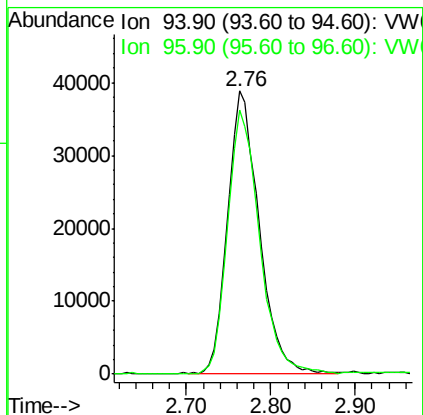
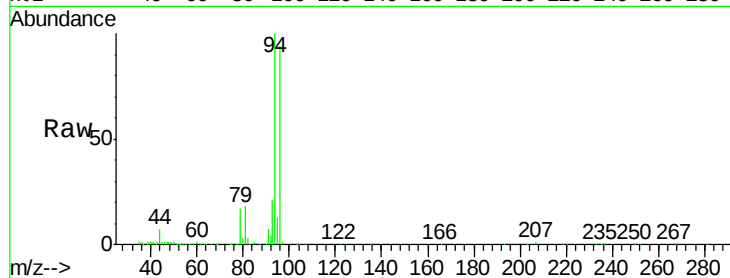
96 93.6 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 48.53 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002564.D

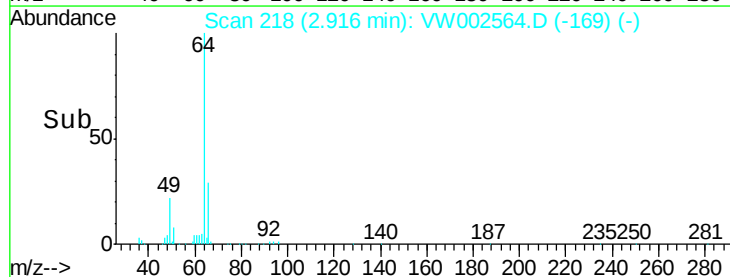
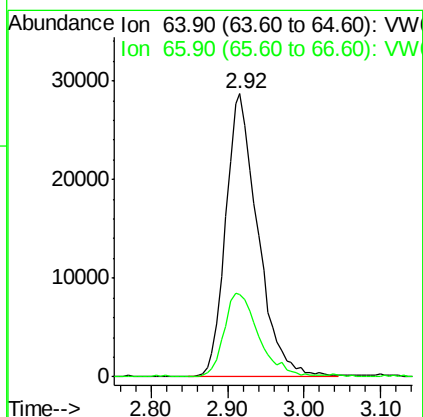
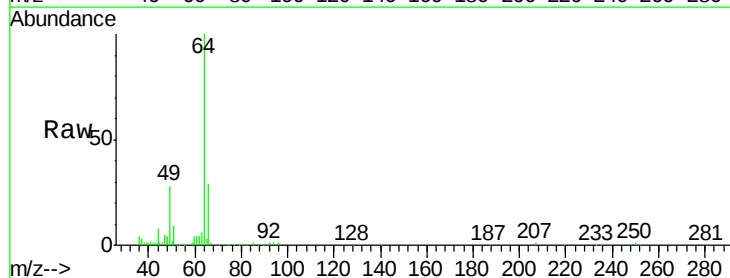
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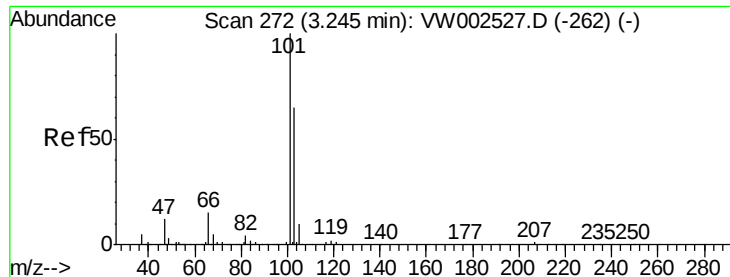
Tgt Ion: 64 Resp: 83486

Ion Ratio Lower Upper

64 100

66 29.2 25.8 38.8





#7

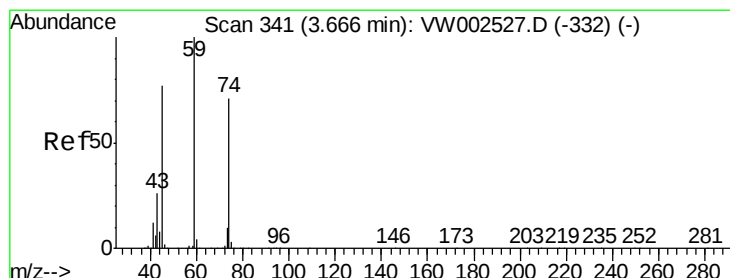
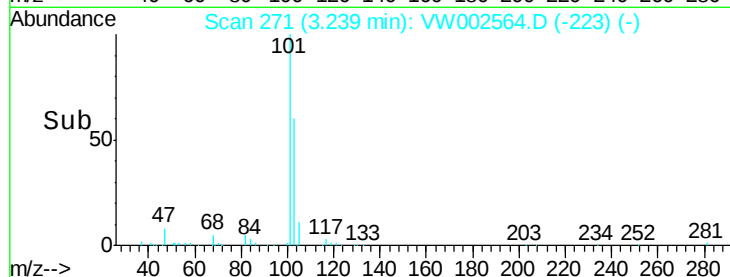
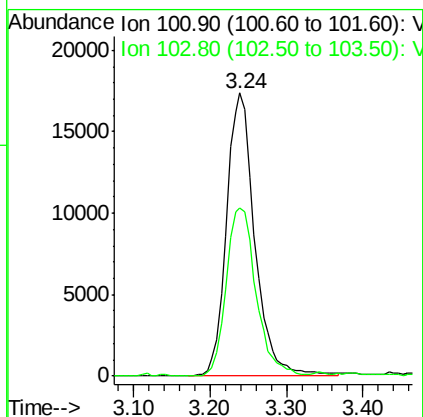
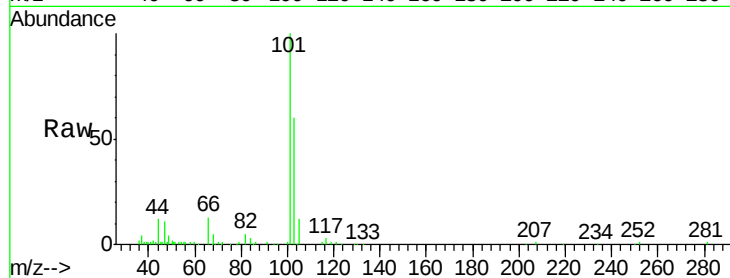
Trichlorofluoromethane
Concen: 40.36 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.6	51.8	77.8

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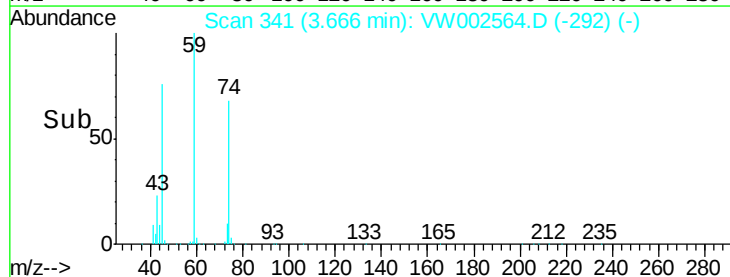
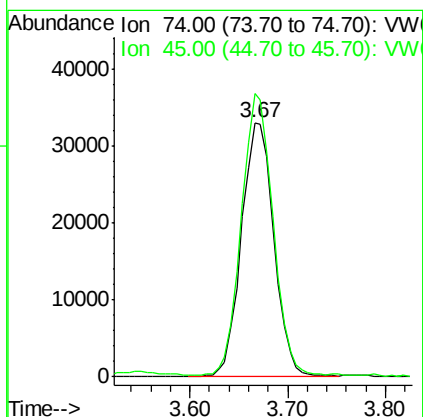
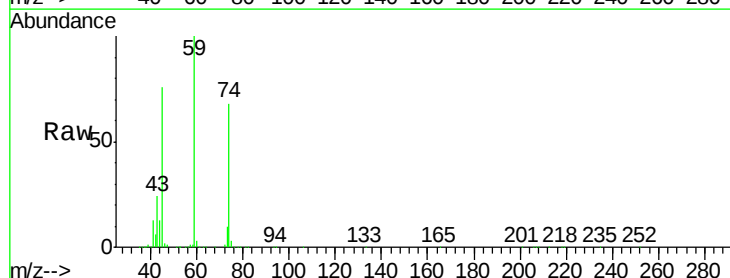
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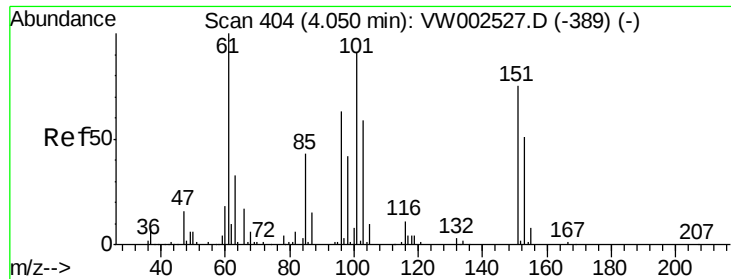


#8

Diethyl Ether
Concen: 57.78 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.00 min
Lab File: VW002564.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.07 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

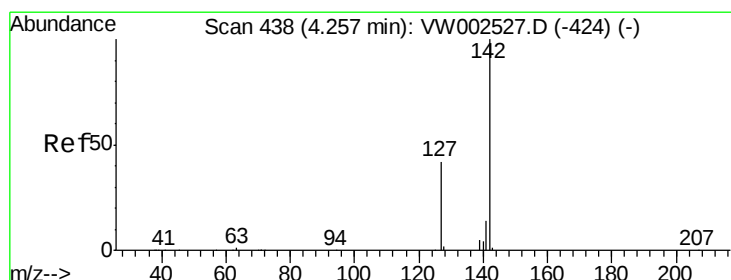
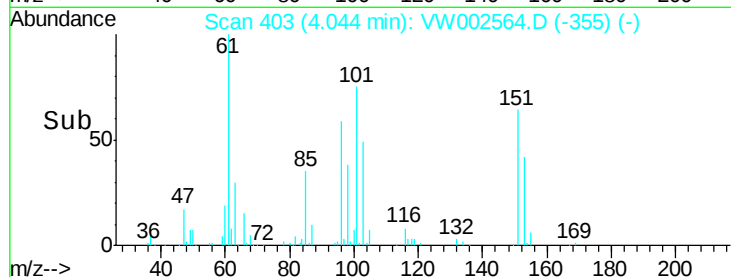
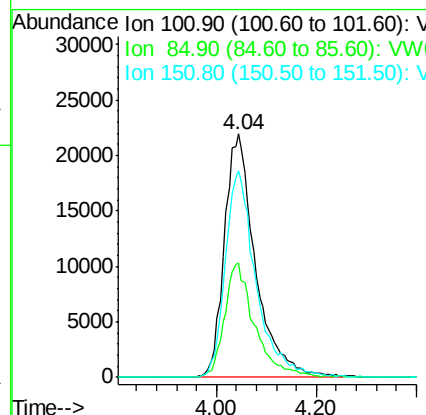
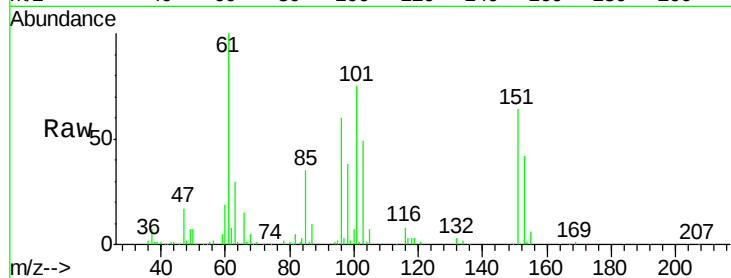
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95006
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.5	54.7
151	83.9	66.7	100.1

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#10

Methyl Iodide

Concen: 50.02 ug/l

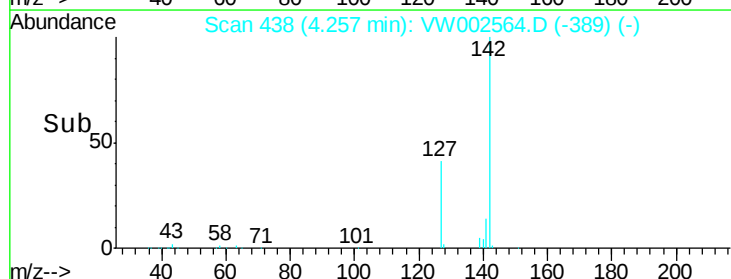
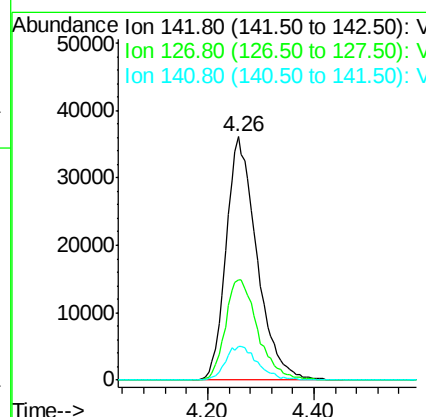
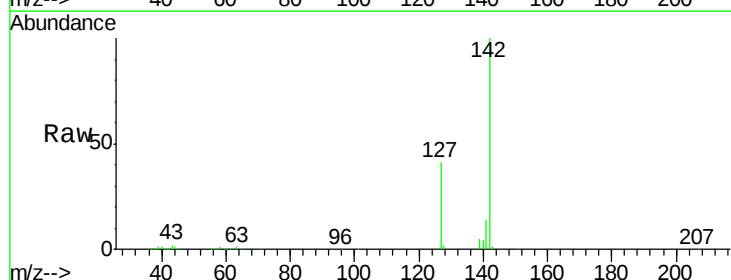
RT: 4.26 min Scan# 438

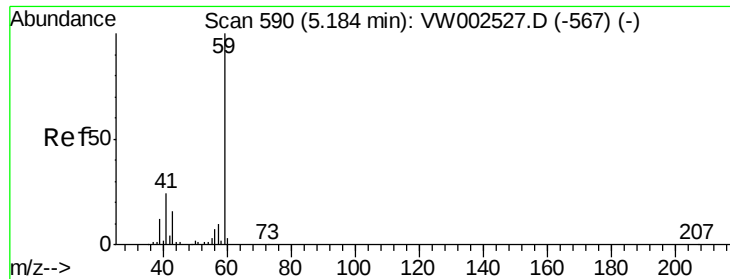
Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	142	Resp:	145451
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.6	52.0
141	14.6	11.8	17.8





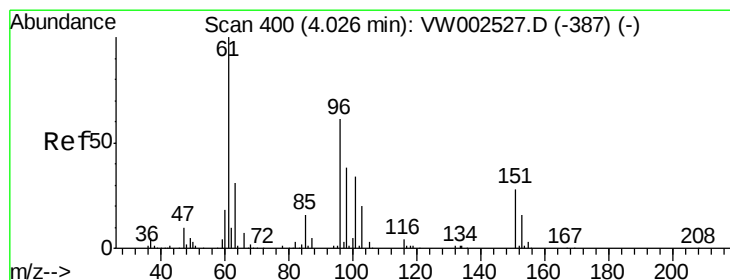
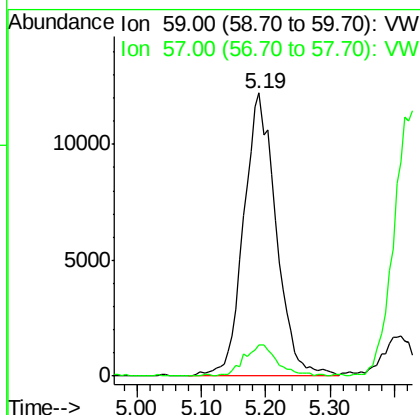
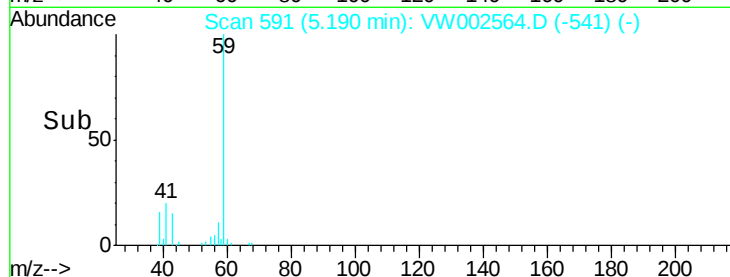
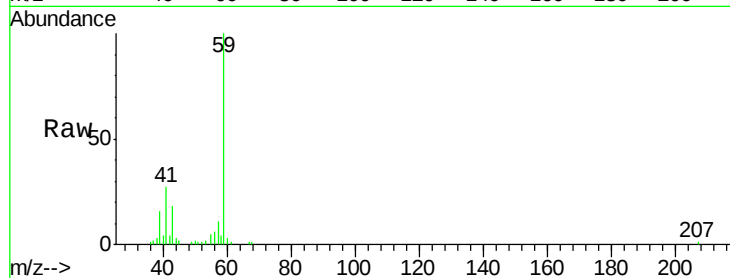
#11
Tert butyl alcohol
Concen: 246.64 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 42309
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

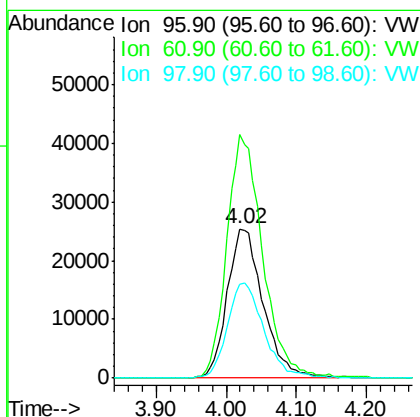
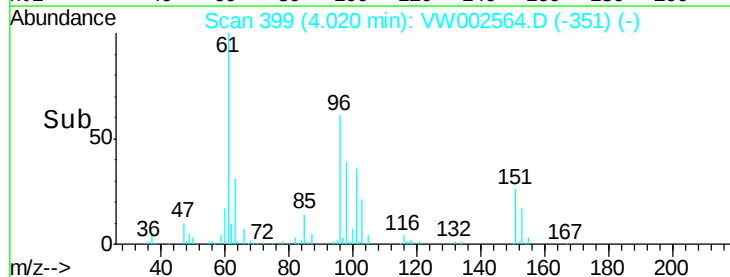
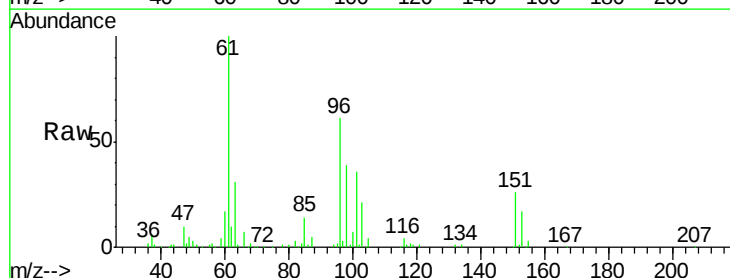
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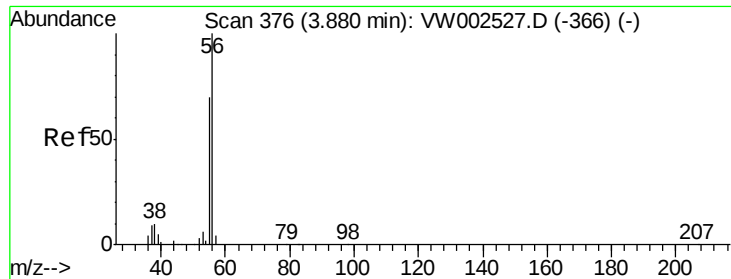
apatel
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#12
1,1-Dichloroethene
Concen: 50.30 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion: 96 Resp: 90856
Ion Ratio Lower Upper
96 100
61 163.5 132.2 198.2
98 63.0 50.6 76.0





#13

Acrolein

Concen: 301.40 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 50935

Ion Ratio Lower Upper

56 100

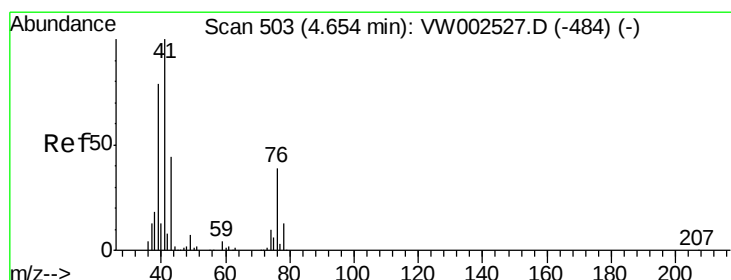
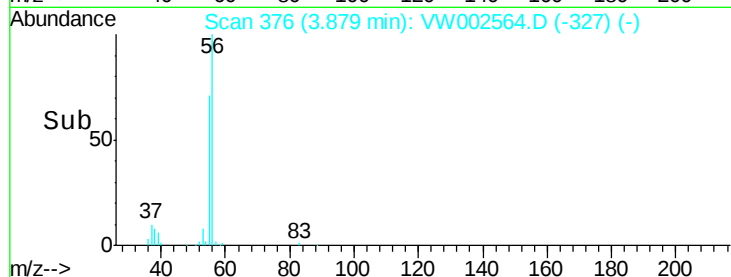
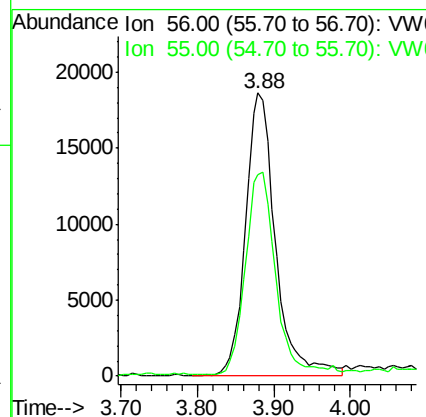
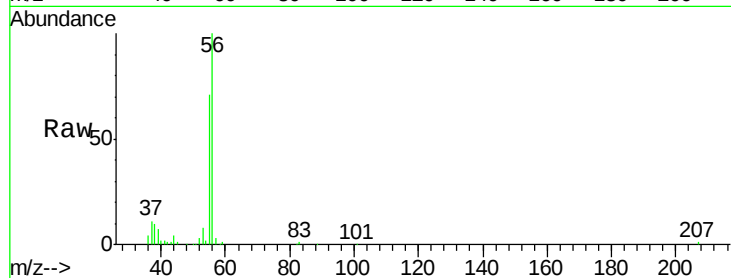
55 71.0 57.0 85.4

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#14

Allyl chloride

Concen: 44.28 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

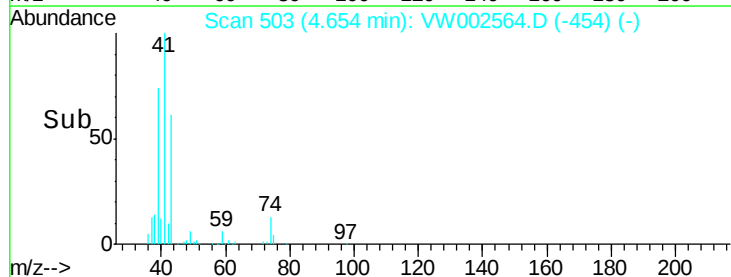
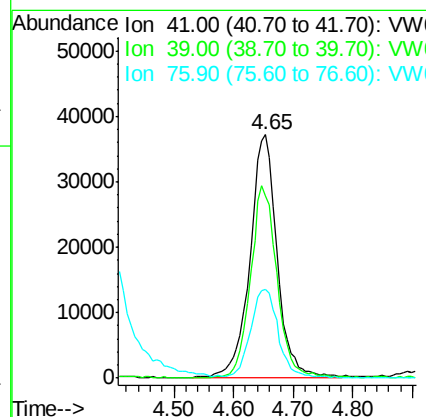
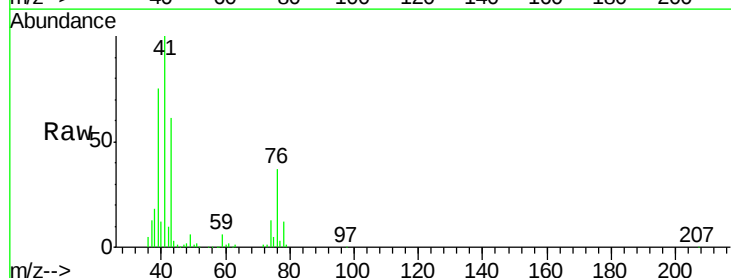
Tgt Ion: 41 Resp: 118668

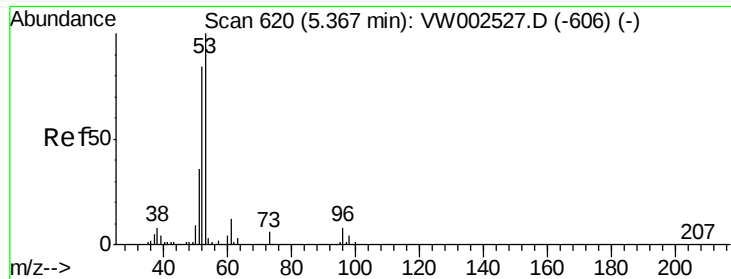
Ion Ratio Lower Upper

41 100

39 77.0 61.4 92.2

76 36.7 29.6 44.4





#15

Acrylonitrile

Concen: 275.05 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

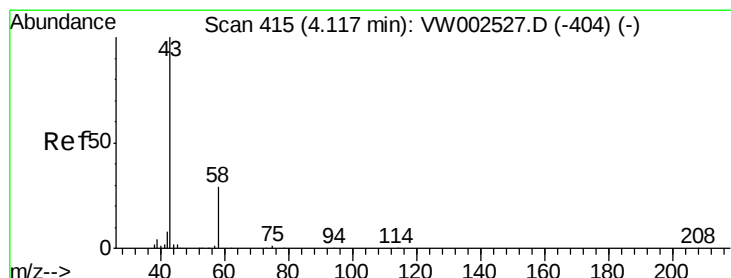
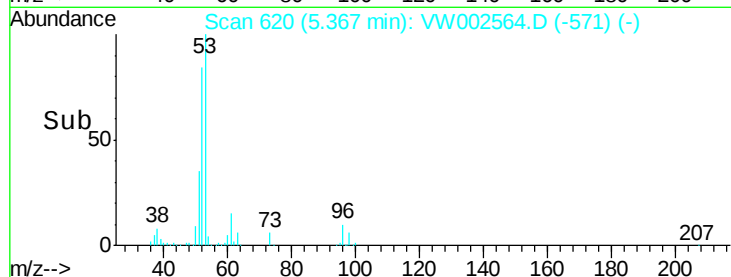
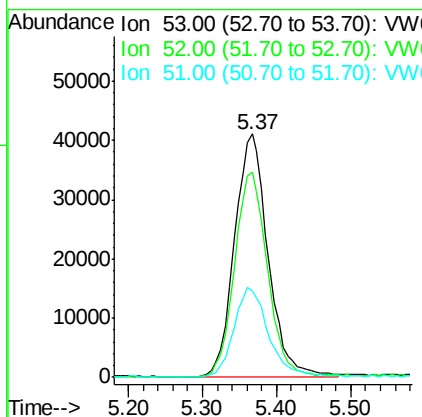
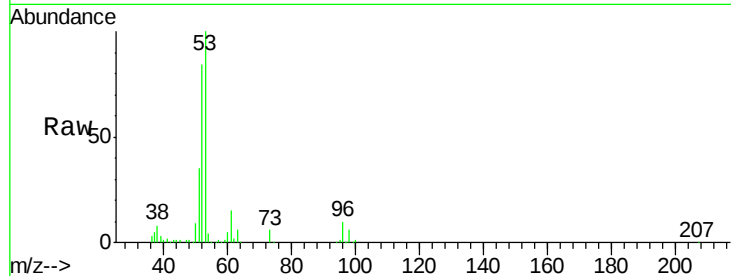
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	130730
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.6	100.0
51	38.0	30.6	46.0

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#16

Acetone

Concen: 235.35 ug/l

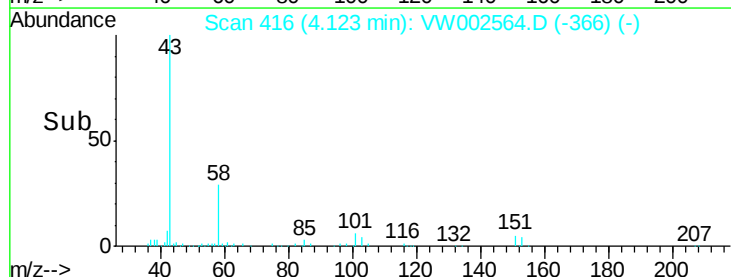
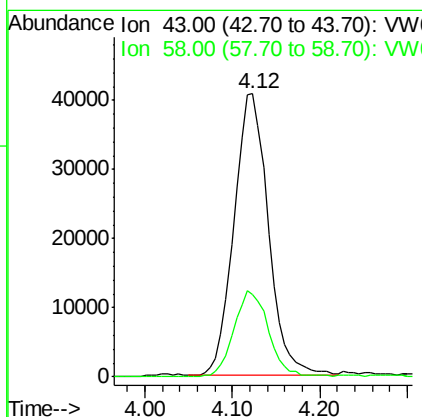
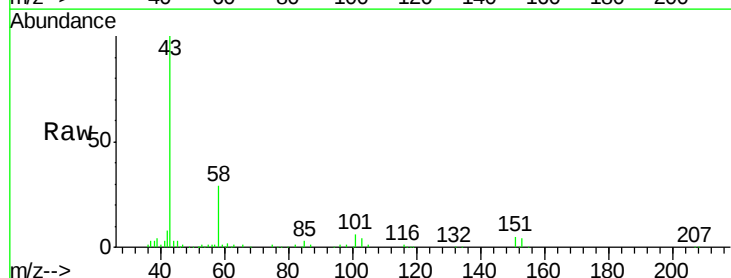
RT: 4.12 min Scan# 416

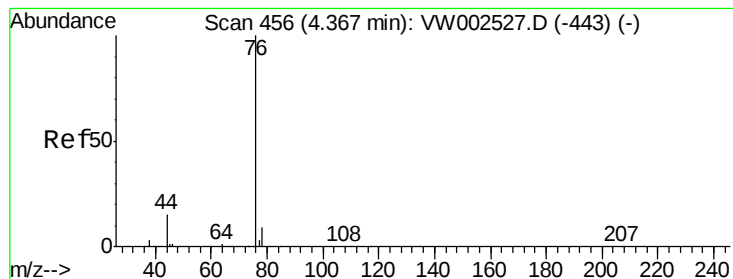
Delta R.T. 0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	43	Resp:	110877
Ion Ratio	Lower	Upper	
43	100		
58	29.4	23.4	35.0





#17

Carbon Disulfide

Concen: 46.93 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 233267

Ion Ratio Lower Upper

76 100

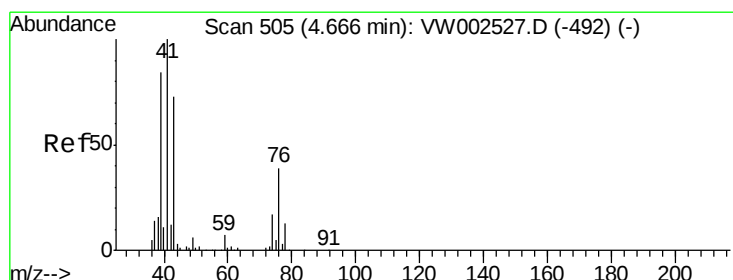
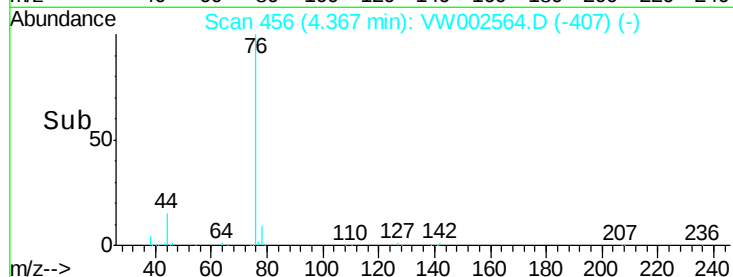
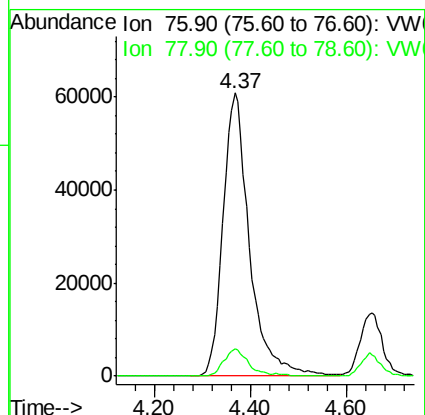
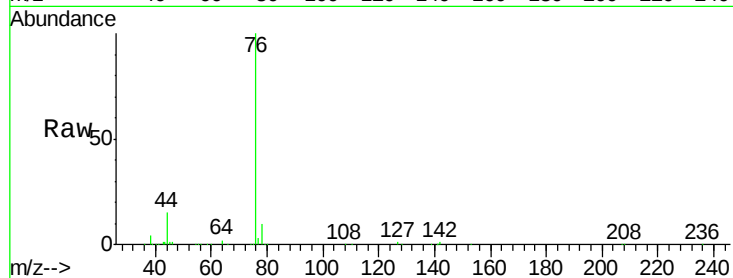
78 9.7 7.5 11.3

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#18

Methyl Acetate

Concen: 57.24 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002564.D

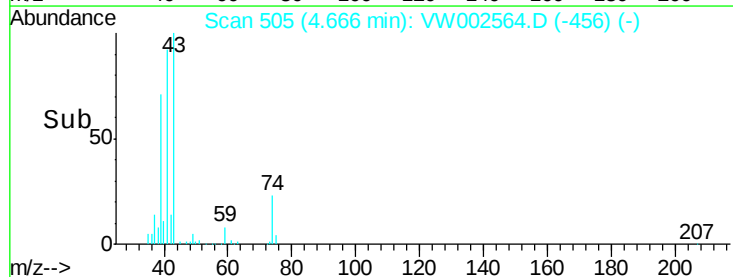
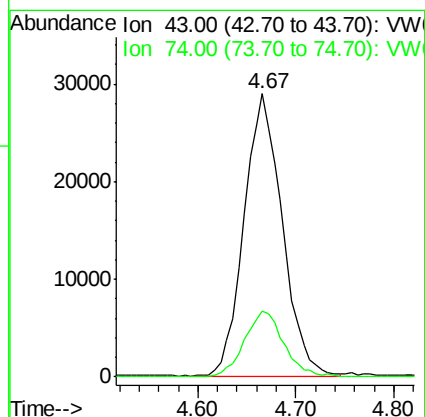
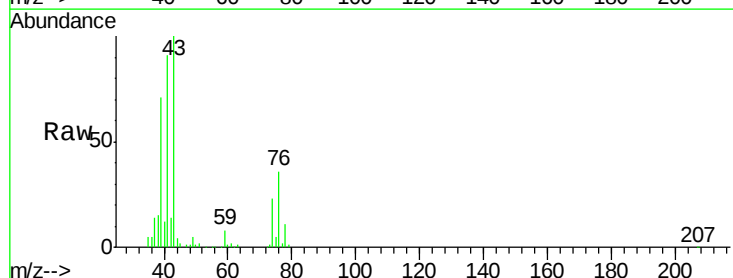
Acq: 15 May 2018 21:10

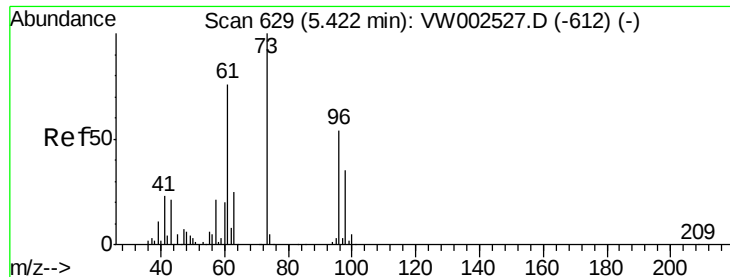
Tgt Ion: 43 Resp: 78610

Ion Ratio Lower Upper

43 100

74 23.9 19.2 28.8





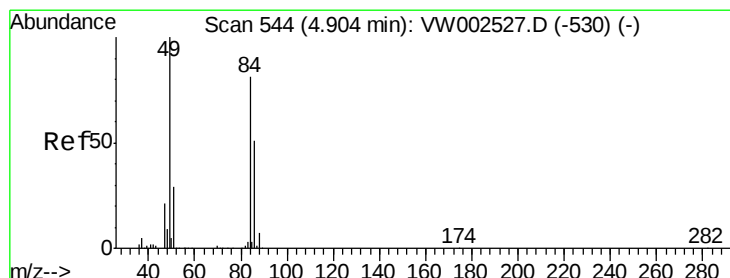
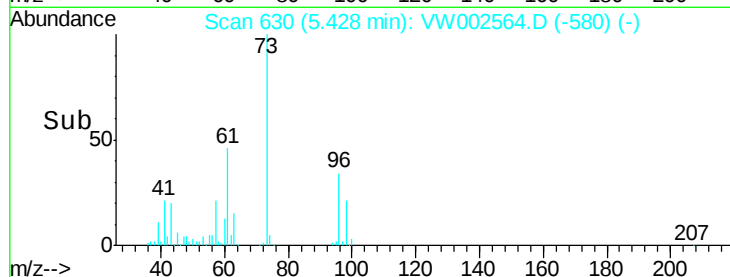
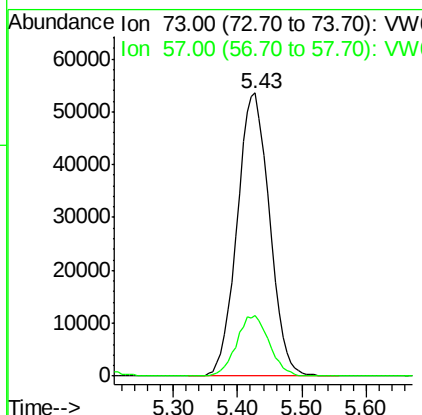
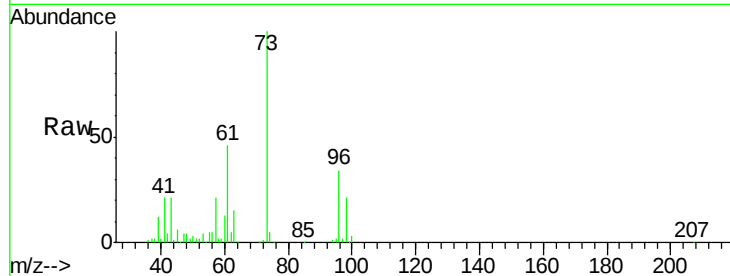
#19
Methvl tert-butvl Ether
Concen: 56.04 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 185994
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6

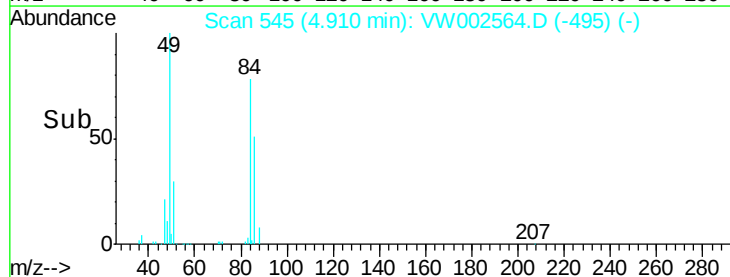
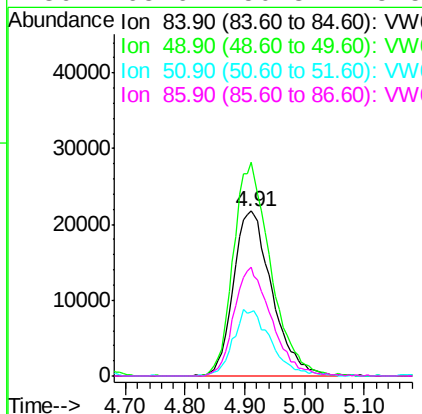
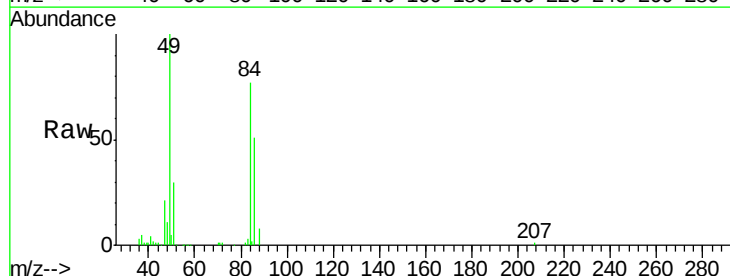
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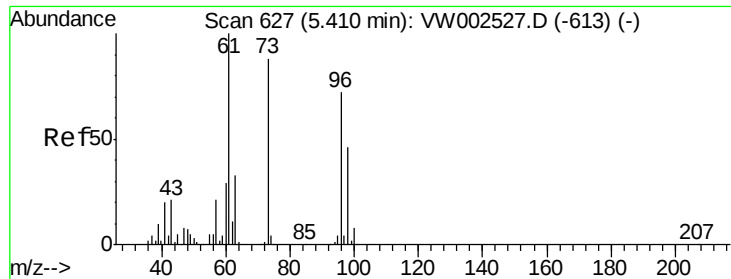
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#20
Methylene Chloride
Concen: 52.20 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion: 84 Resp: 97614
Ion Ratio Lower Upper
84 100
49 129.4 99.4 149.0
51 38.7 29.0 43.6
86 65.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.15 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

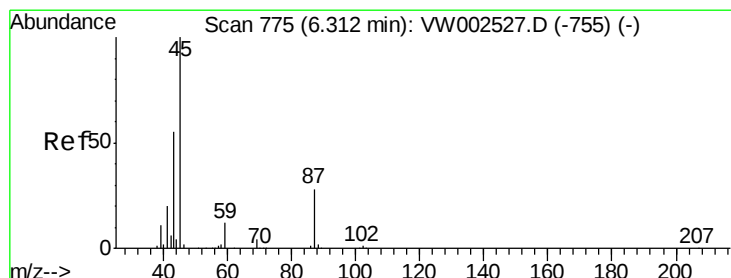
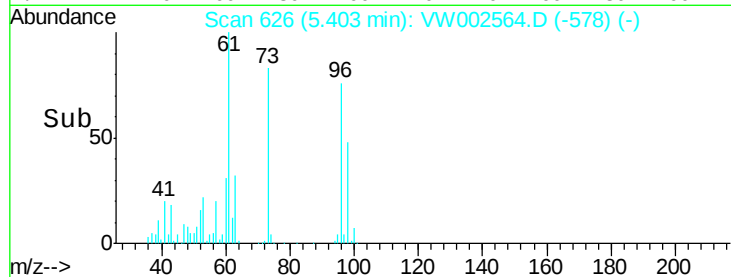
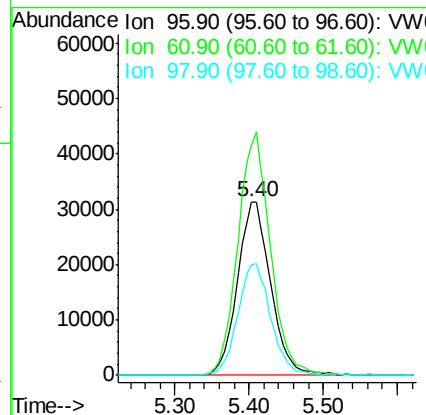
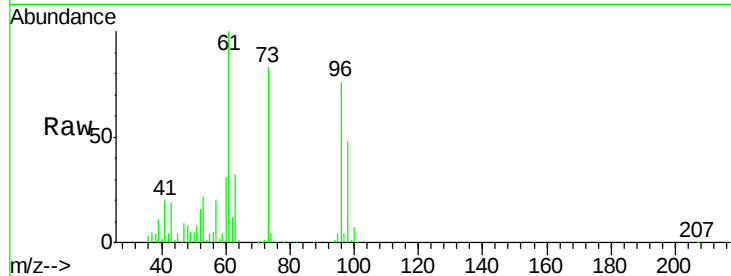
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	97926
Ion	Ratio	Lower	Upper
96	100		
61	132.3	111.6	167.4
98	63.4	51.7	77.5

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#22

Diisopropyl ether

Concen: 51.66 ug/l

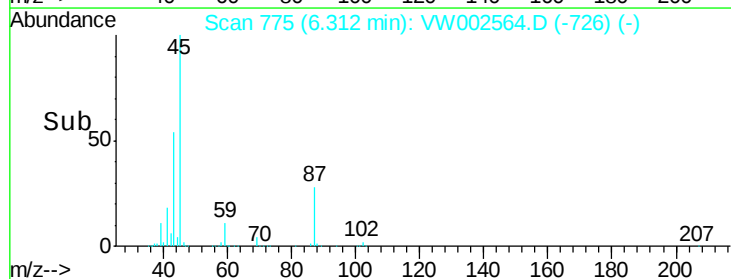
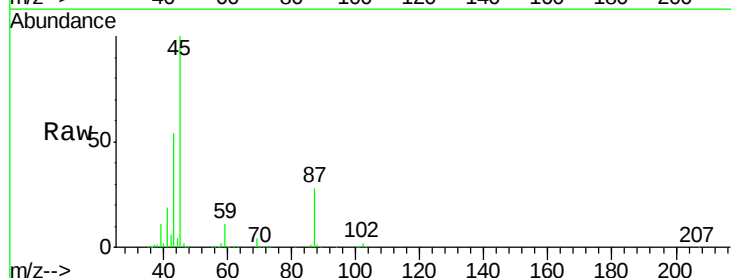
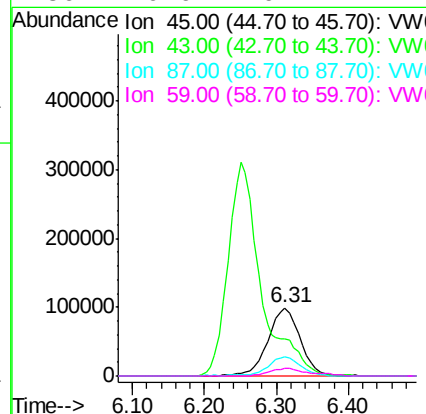
RT: 6.31 min Scan# 775

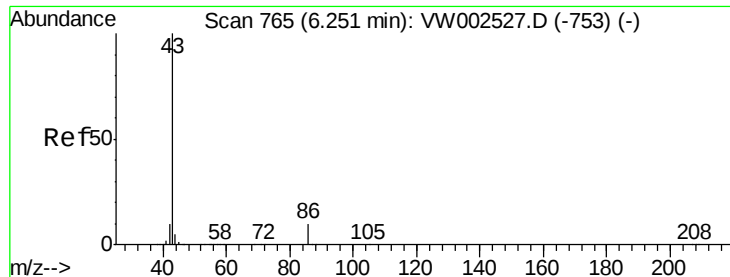
Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	45	Resp:	306700
Ion	Ratio	Lower	Upper
45	100		
43	53.3	44.4	66.6
87	27.5	23.0	34.4
59	10.9	9.4	14.2





#23

Vinyl Acetate

Concen: 275.96 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 992998

Ion Ratio Lower Upper

43 100

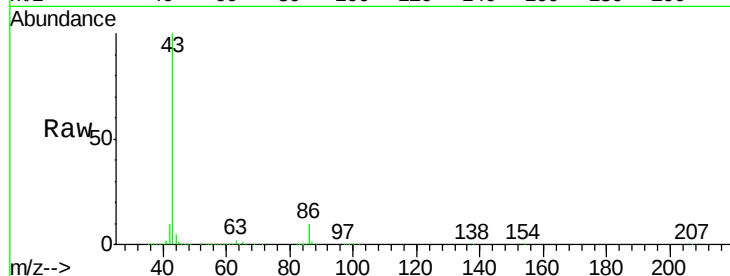
86 10.1 7.9 11.9

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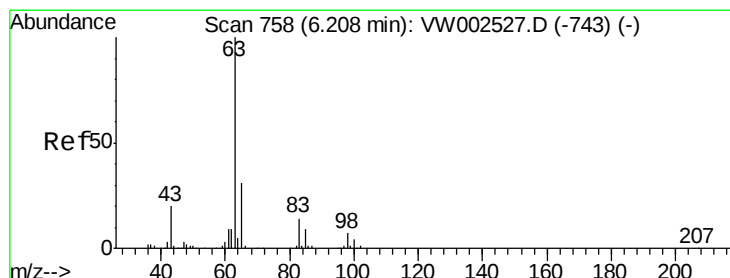
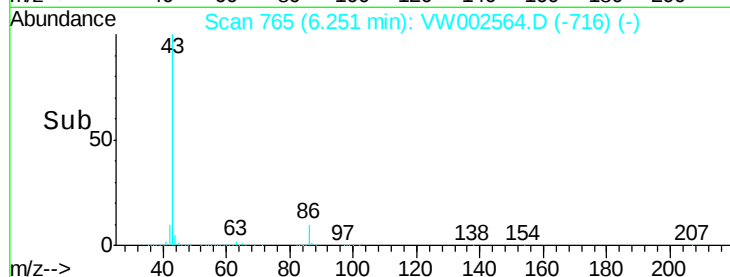
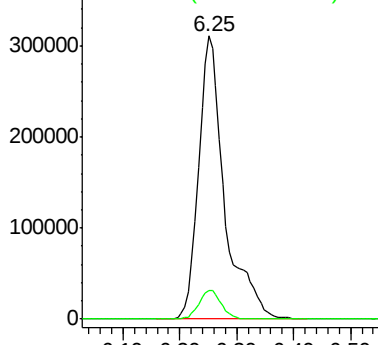
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.86 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

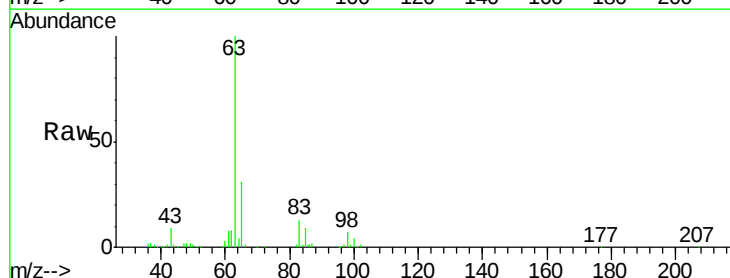
Tgt Ion: 63 Resp: 185565

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

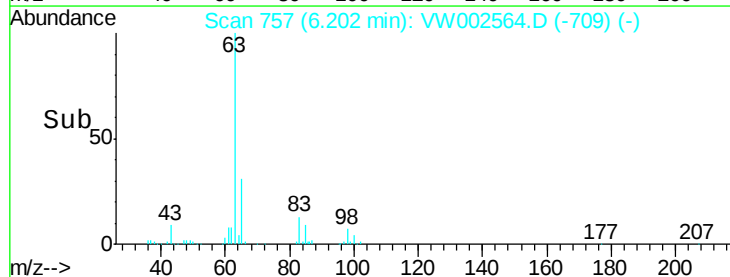
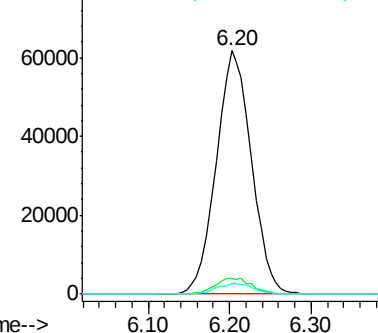
100 4.2 2.1 6.5

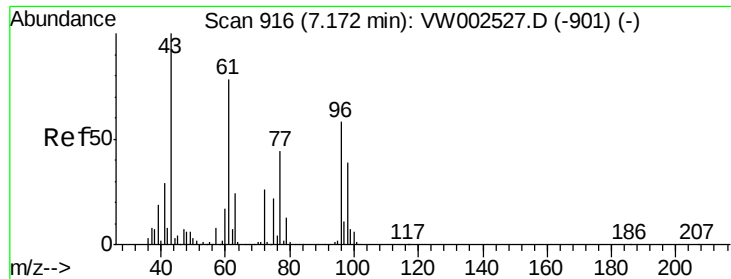


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 285.14 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 189964

Ion Ratio Lower Upper

43 100

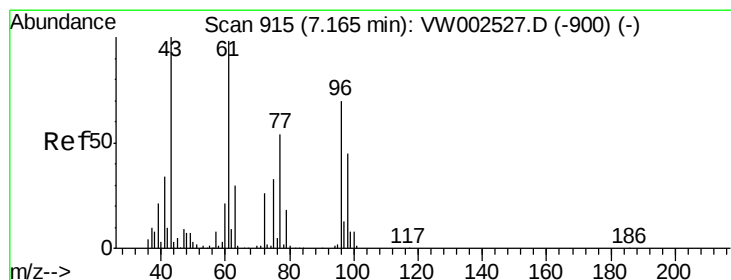
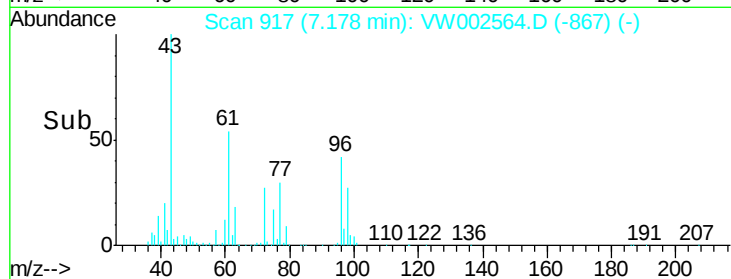
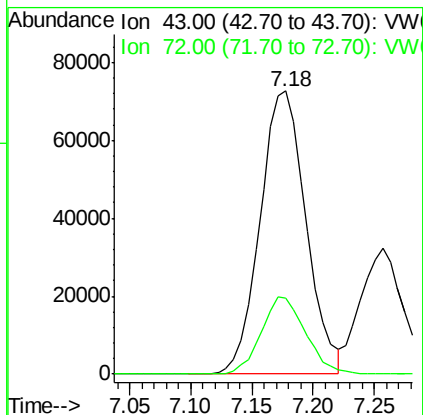
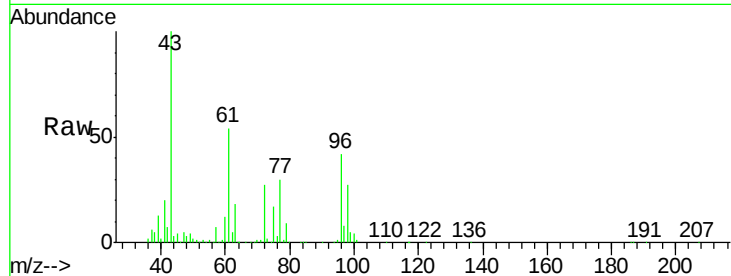
72 26.8 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.65 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002564.D

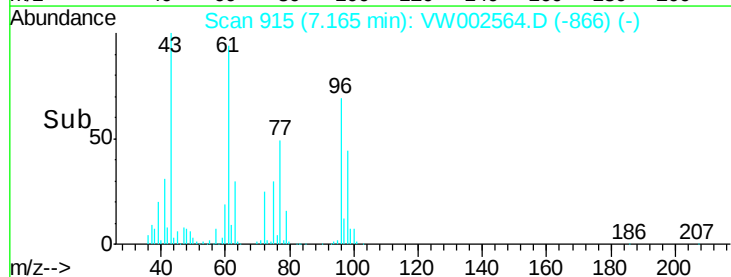
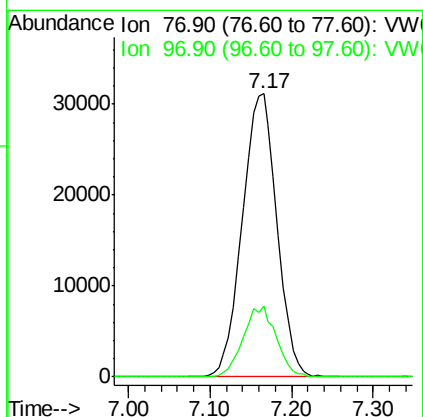
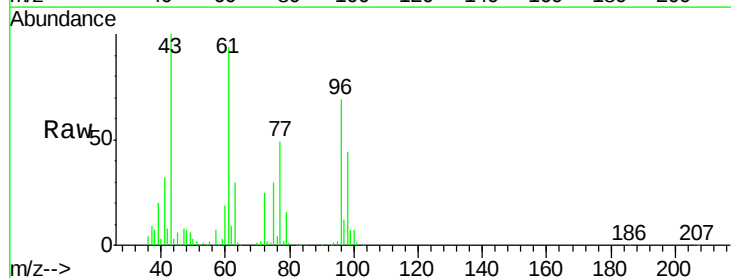
Acq: 15 May 2018 21:10

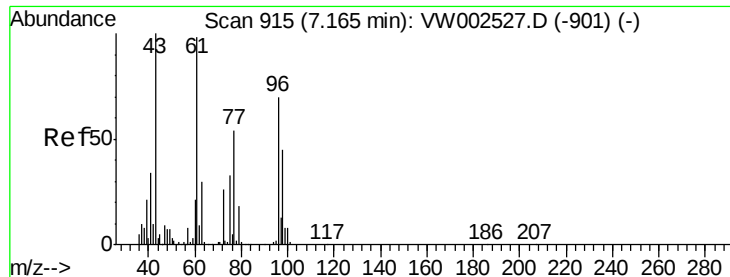
Tgt Ion: 77 Resp: 91538

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3





#27

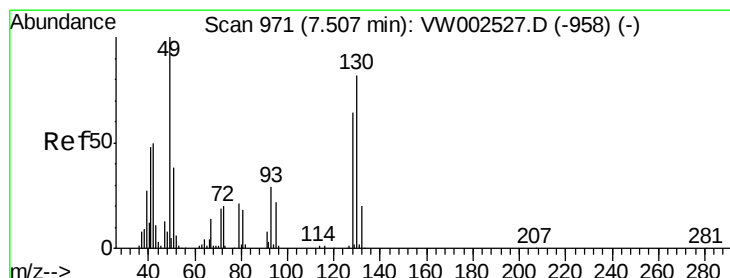
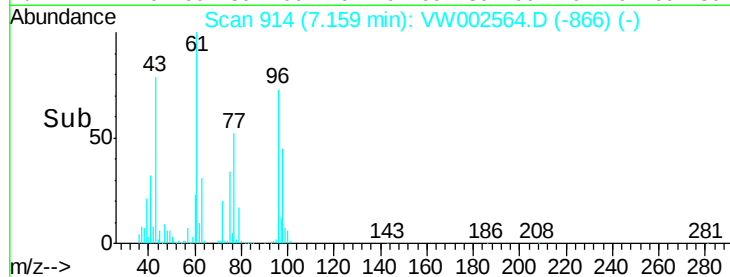
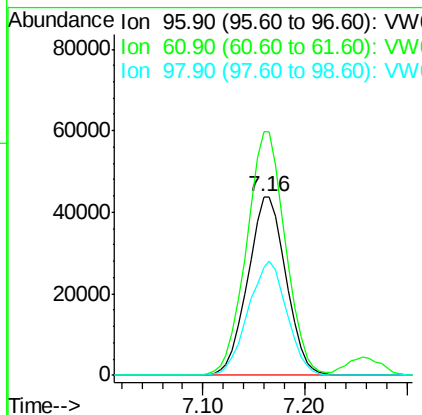
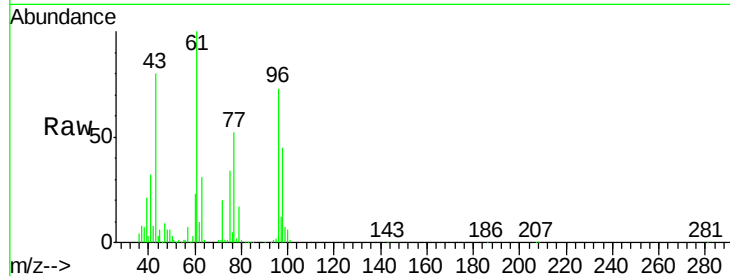
cis-1,2-Dichloroethene
 Concen: 51.32 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	281.6
98	64.5	0.0	130.8

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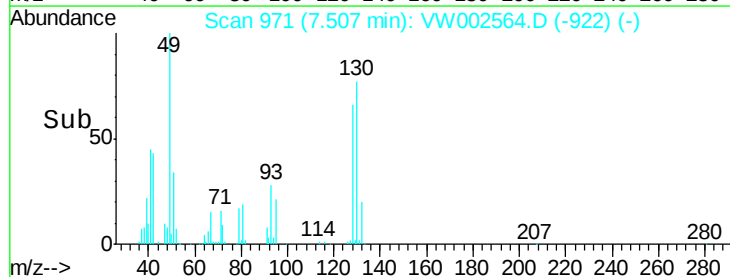
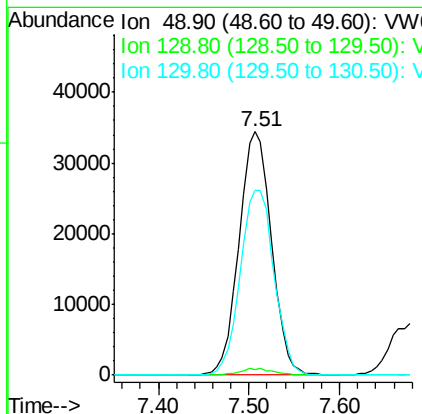
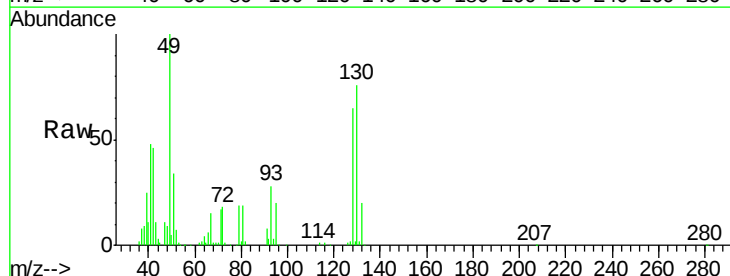
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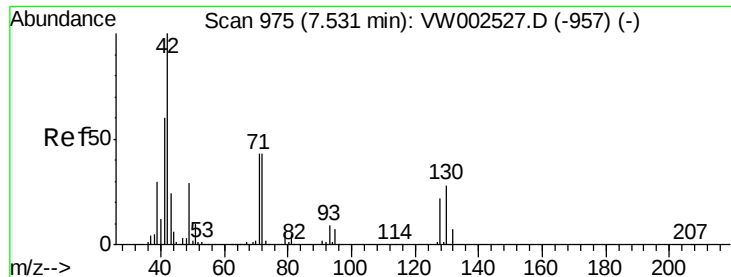


#28

Bromochloromethane
 Concen: 53.72 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	78.9	64.7	97.1





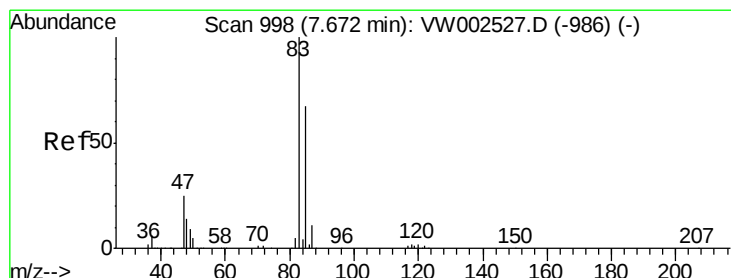
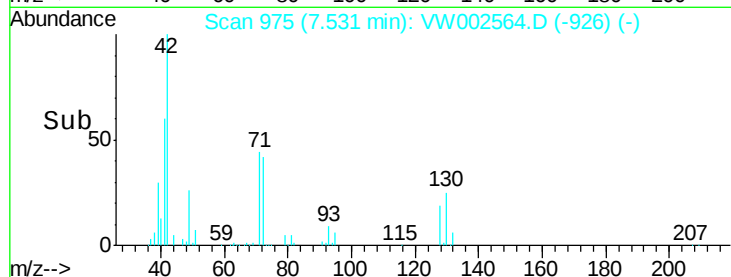
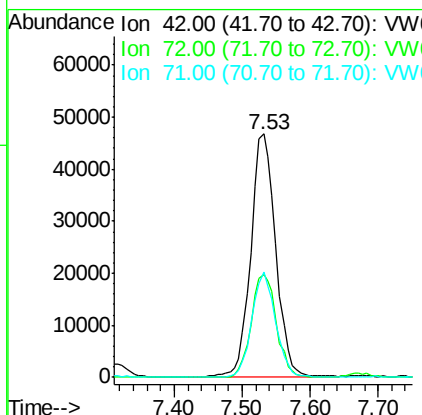
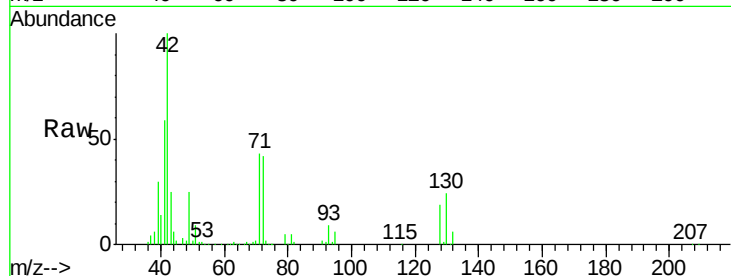
#29
Tetrahydrofuran
Concen: 287.04 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	119459
Ion	Ratio	Lower	Upper
42	100		
72	42.7	35.0	52.4
71	41.4	33.0	49.6

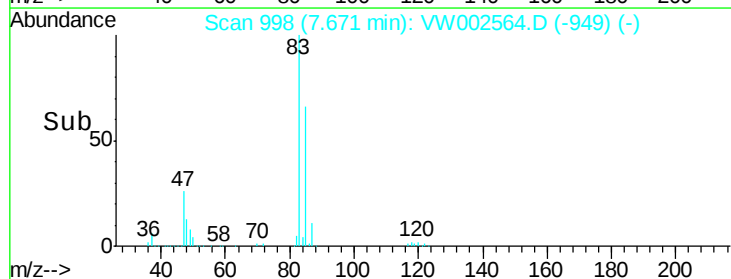
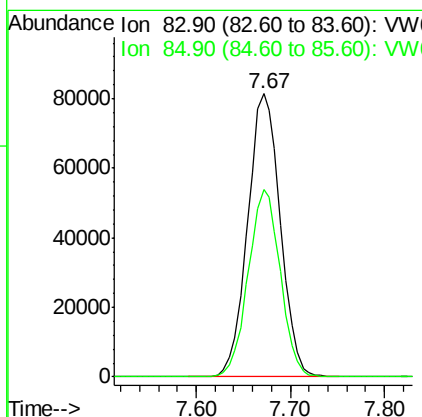
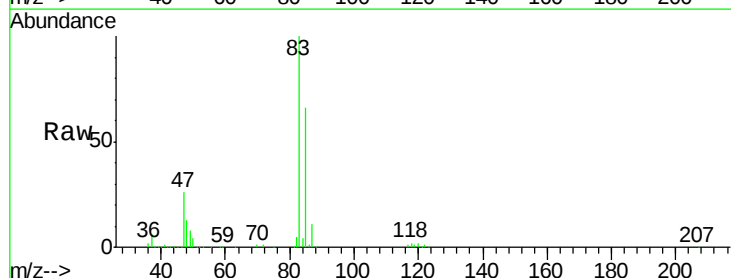
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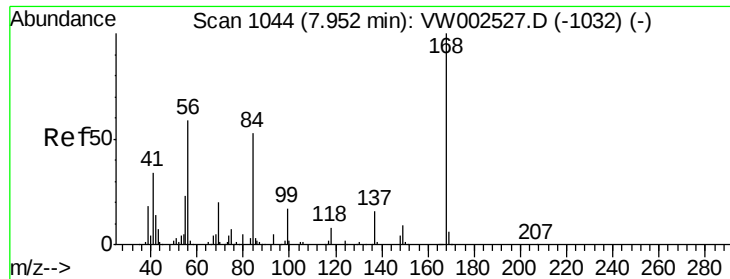
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#30
Chloroform
Concen: 51.88 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion:	83	Resp:	198243
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.9	80.9





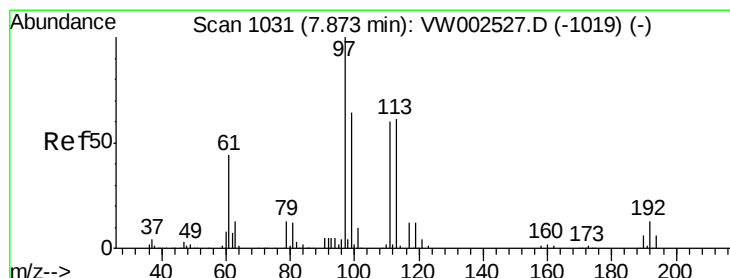
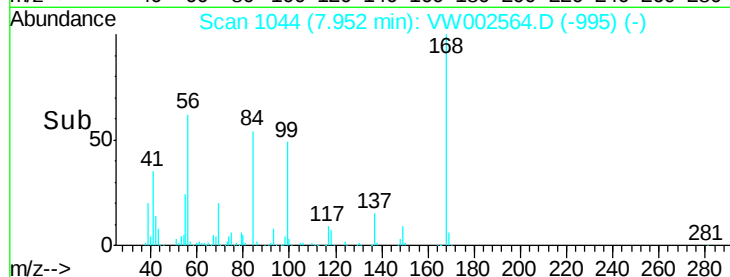
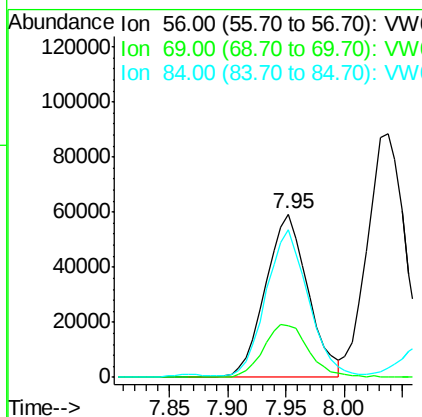
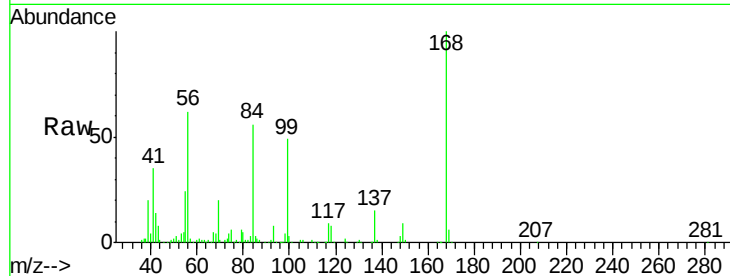
#31
Cyclohexane
Concen: 47.29 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.4
84	88.5	72.2	108.2

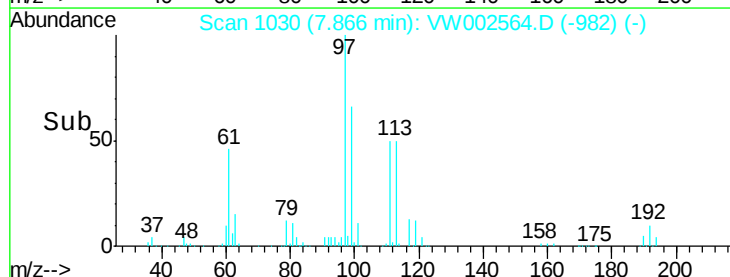
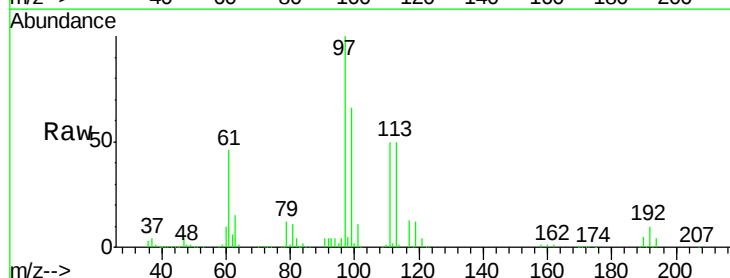
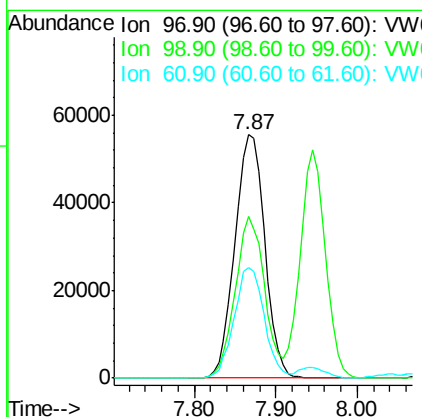
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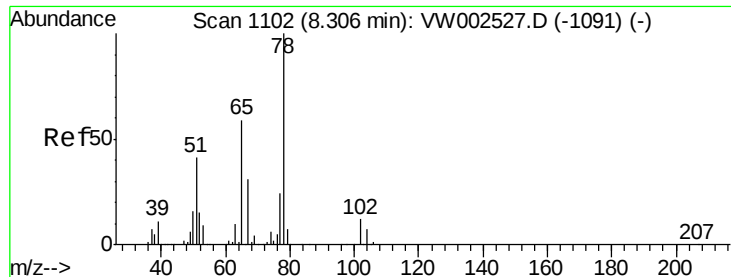
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#32
1,1,1-Trichloroethane
Concen: 49.04 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.1	76.7
61	45.5	35.9	53.9





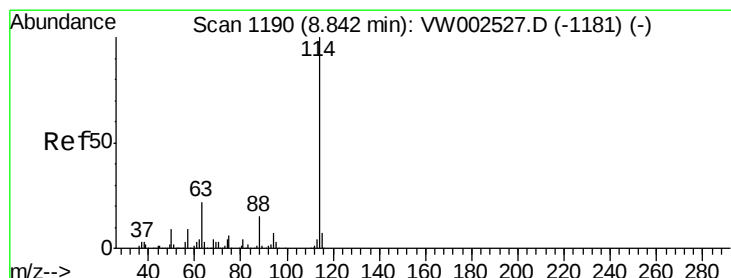
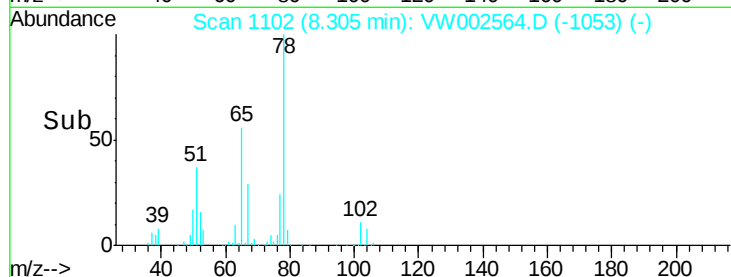
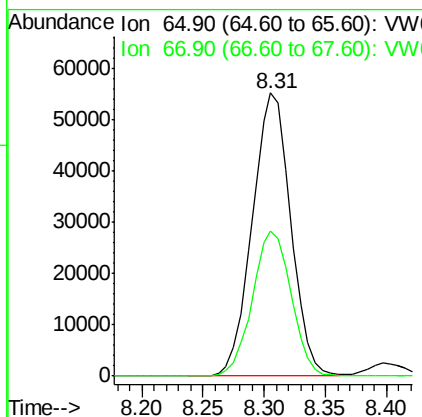
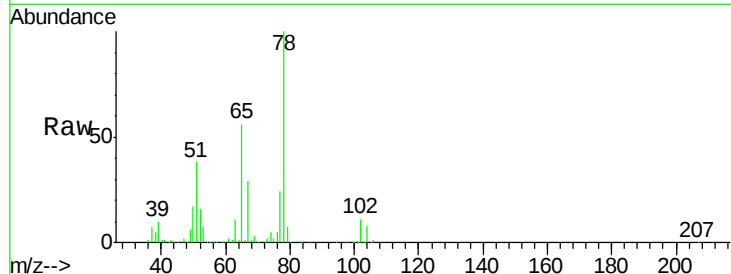
#33
 1,2-Dichloroethane-d4
 Concen: 54.12 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120762		
67	51.9	0.0	104.4	

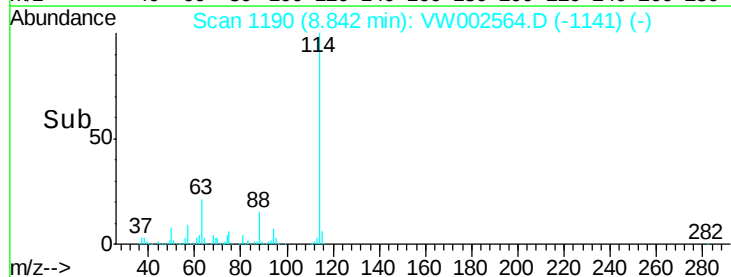
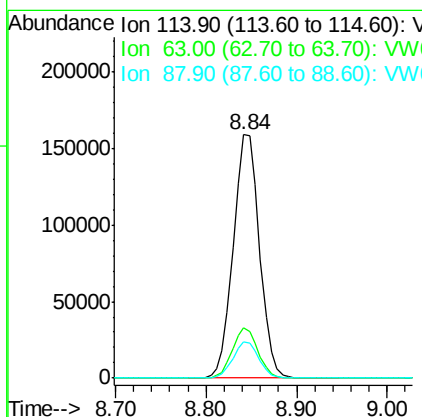
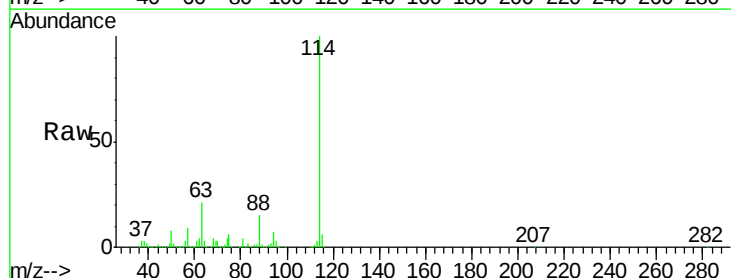
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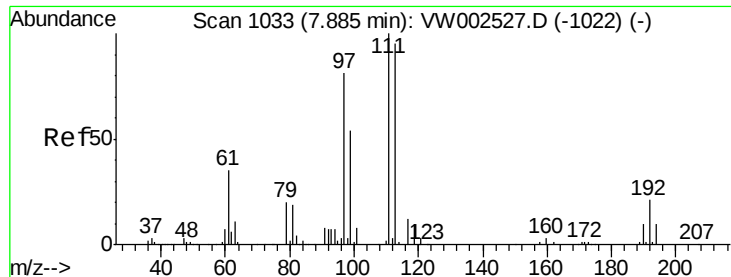
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	317709		
63	20.6	0.0	43.2	
88	15.1	0.0	29.2	





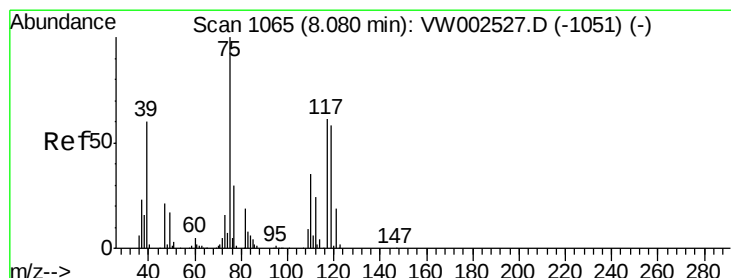
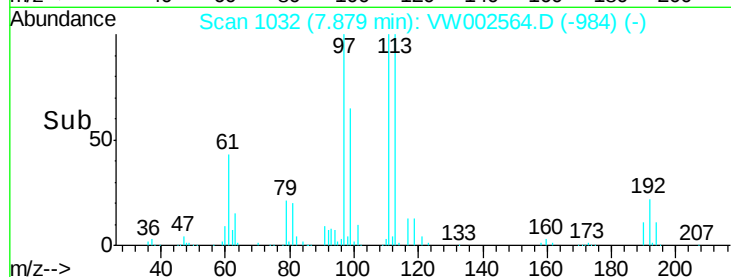
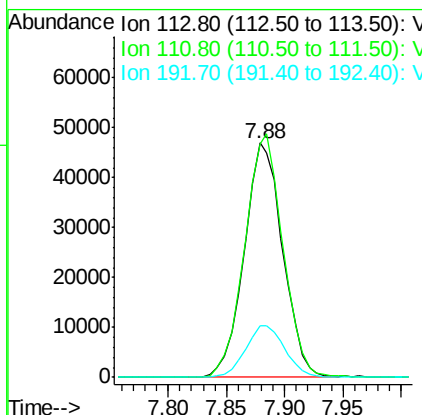
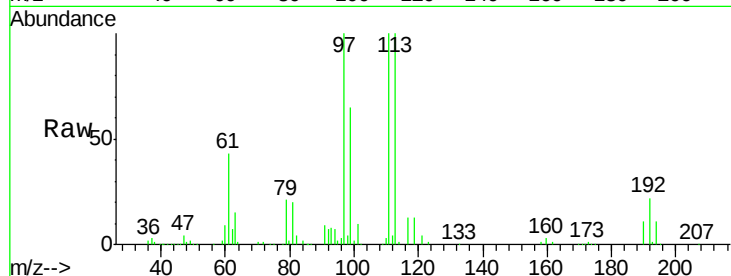
#35
 Dibromofluoromethane
 Concen: 53.50 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107832		
111	103.2	81.8	122.8	
192	22.6	17.5	26.3	

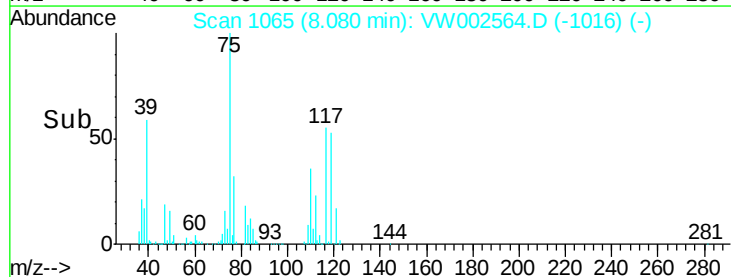
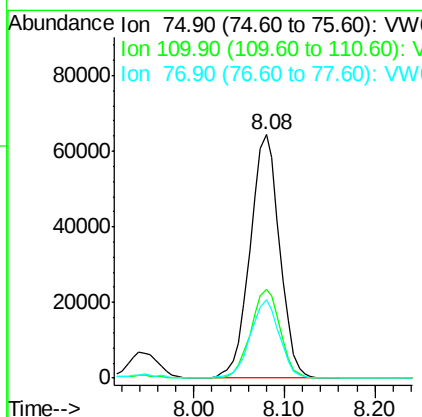
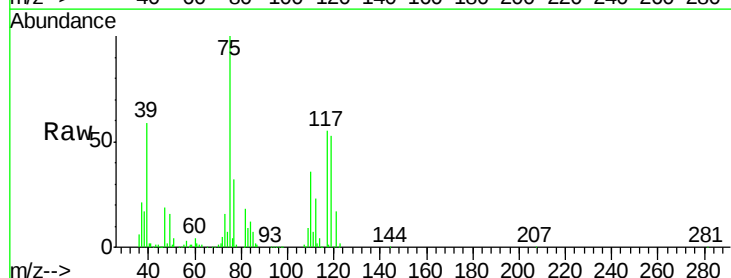
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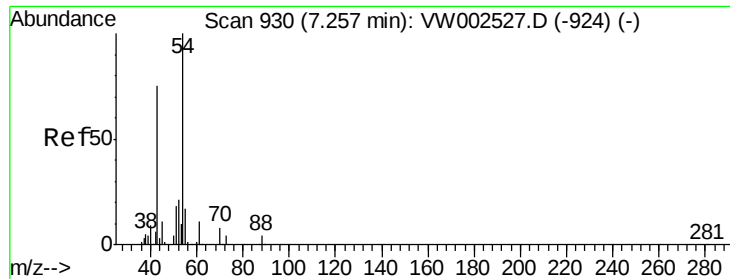
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#36
 1,1-Dichloropropene
 Concen: 51.78 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145172		
110	36.2	17.8	53.5	
77	31.6	24.5	36.7	





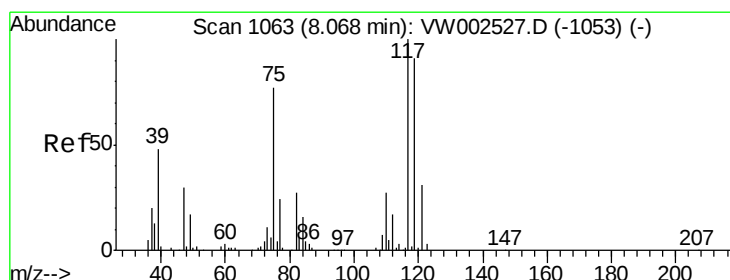
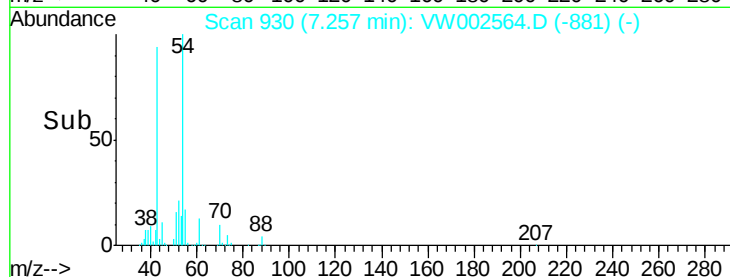
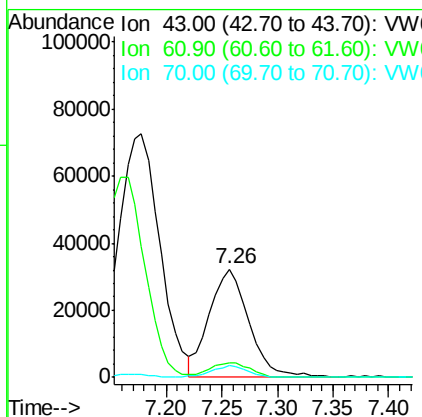
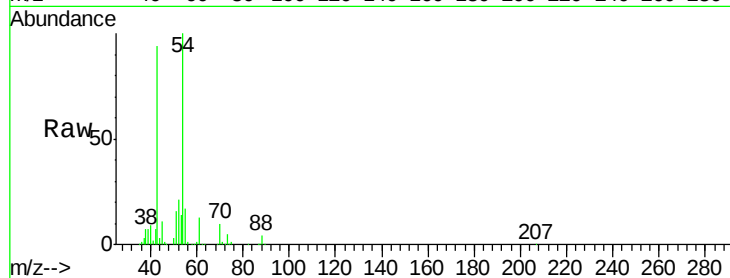
#37
Ethyl Acetate
Concen: 56.86 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.0	7.8	11.8

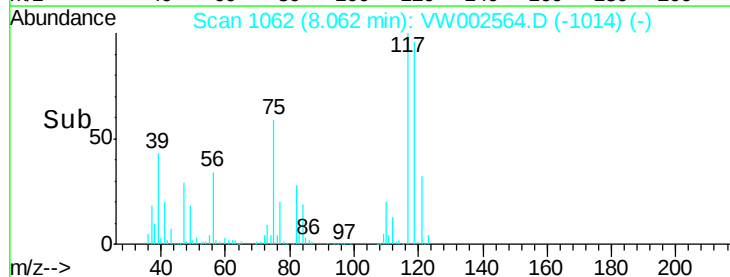
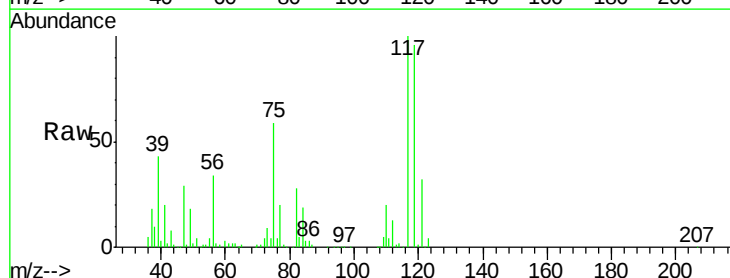
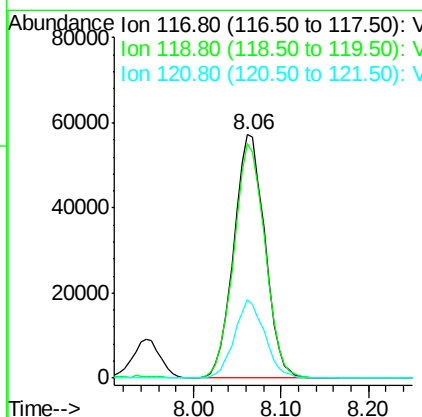
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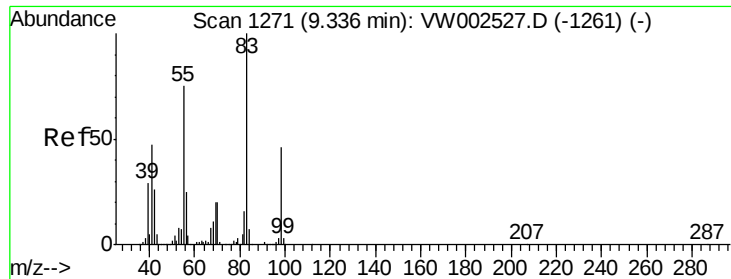
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#38
Carbon Tetrachloride
Concen: 51.67 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.1	109.7
121	32.3	24.4	36.6





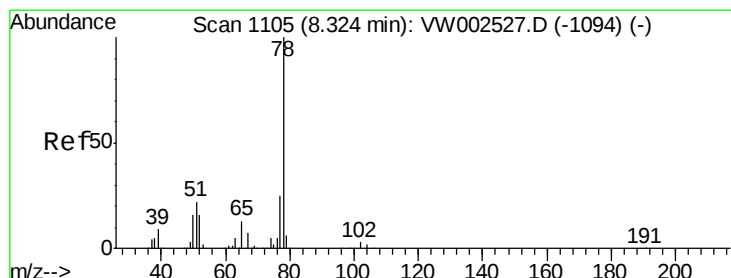
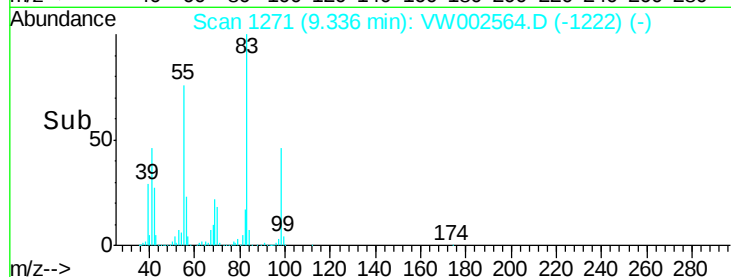
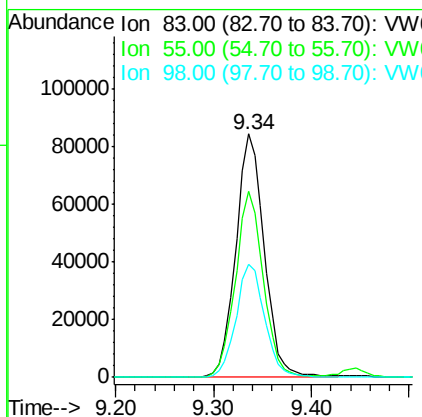
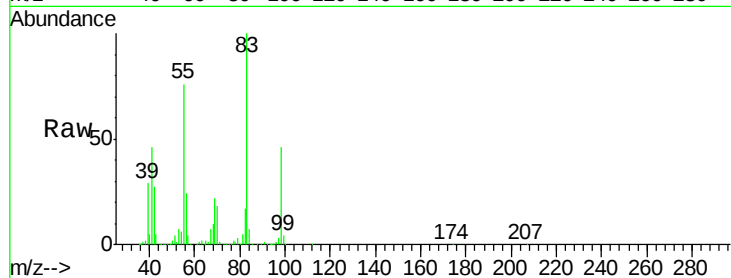
#39
Methvlcvclohexane
Concen: 53.11 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.0	90.0
98	46.2	37.0	55.4

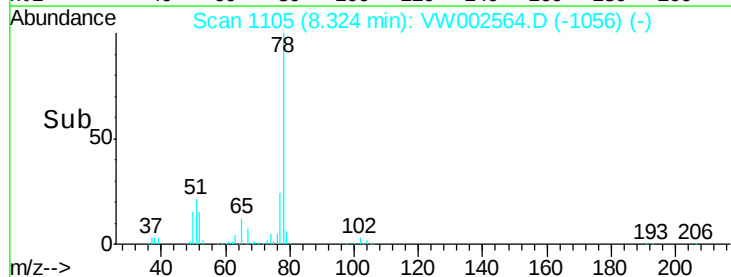
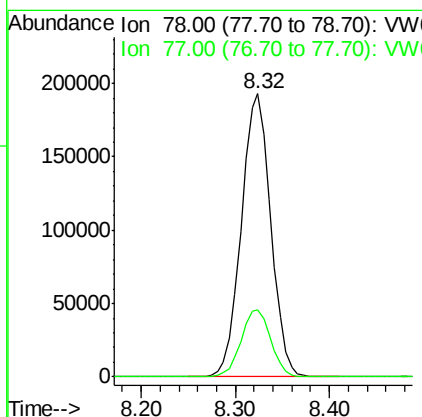
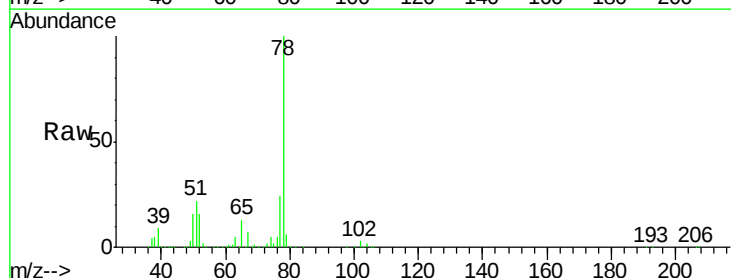
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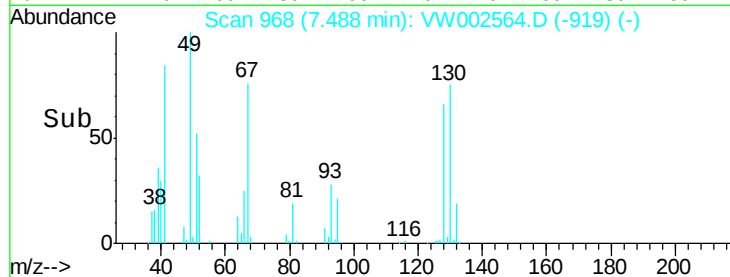
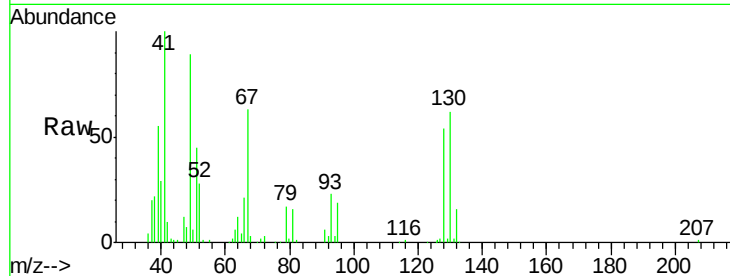
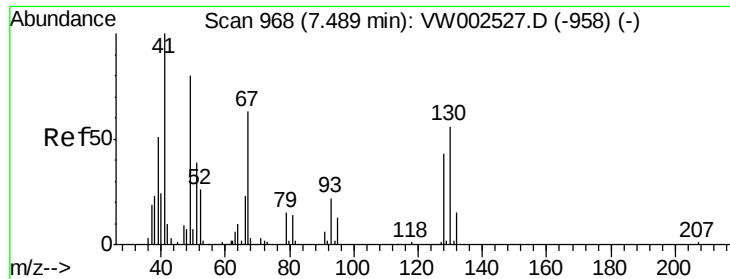
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#40
Benzene
Concen: 52.34 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.9	29.9





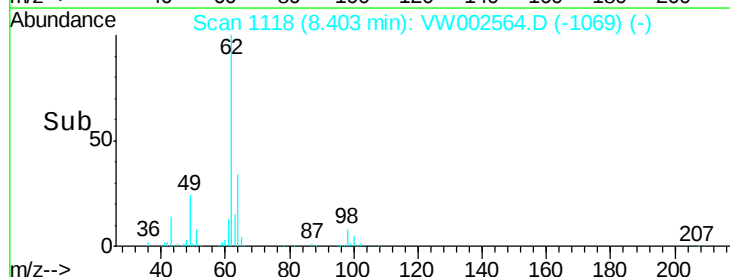
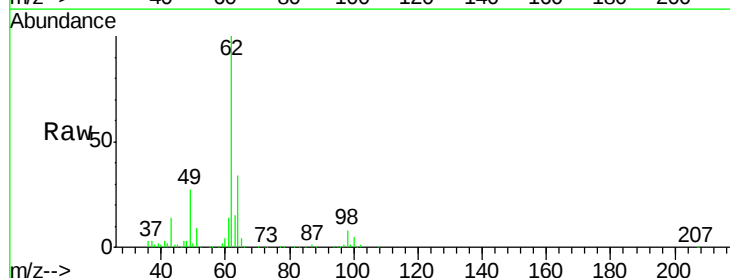
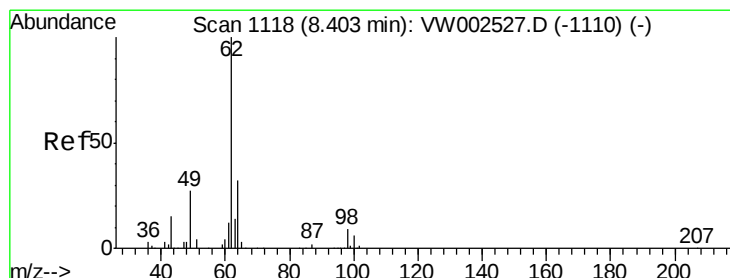
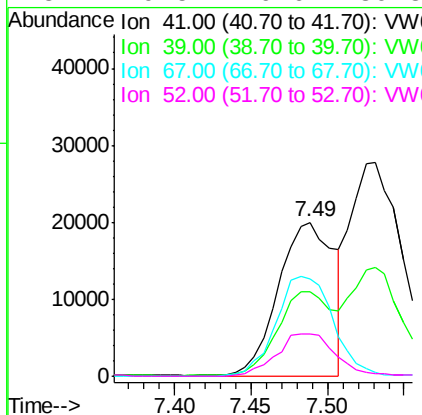
#41
Methacrylonitrile
Concen: 65.15 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tot Ion	41	Resp	50702
Ion Ratio	Lower	Upper	
41	100		
39	55.7	51.8	77.8
67	66.5	59.9	89.9
52	29.5	26.6	39.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

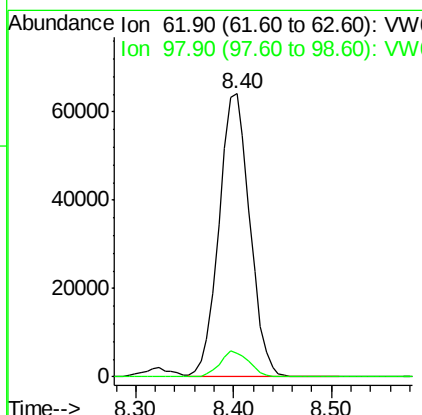
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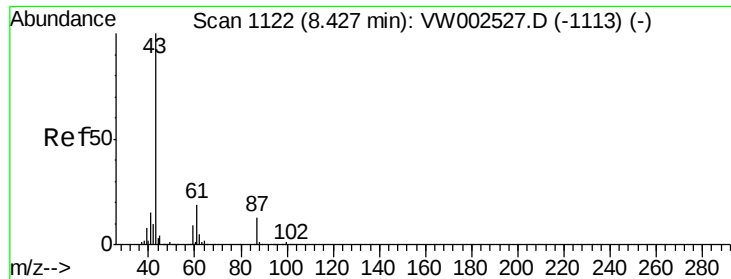
apatel
5/16/2018 12:26:09 PM



#42
1,2-Dichloroethane
Concen: 54.88 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	62	Resp	140299
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.8





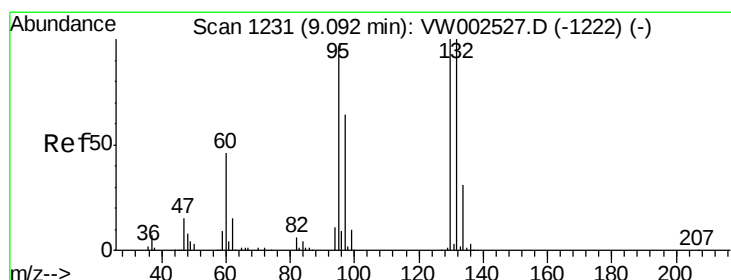
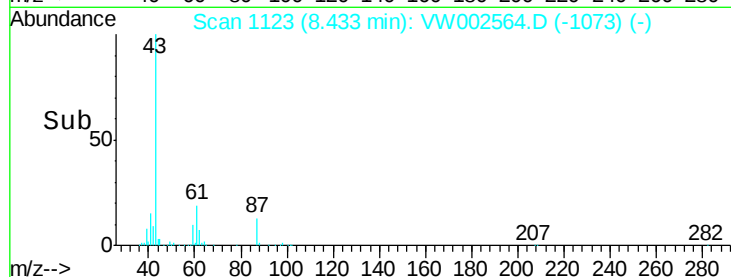
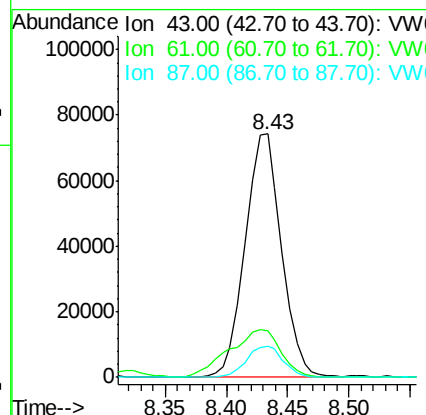
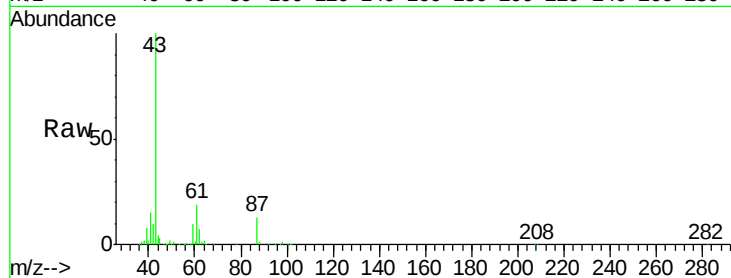
#43
Isopropyl Acetate
Concen: 57.09 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	23.0	34.6
87	13.2	10.6	15.8

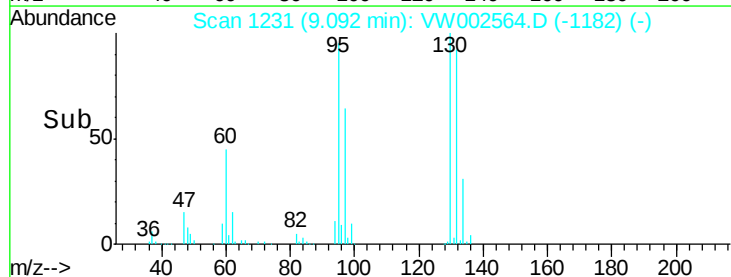
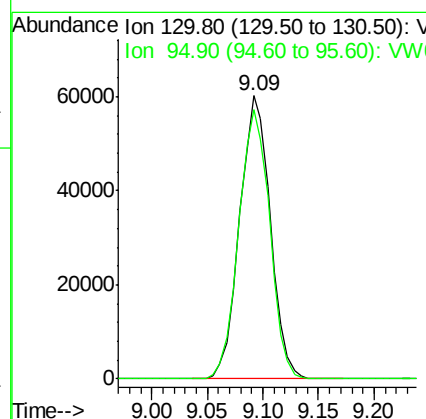
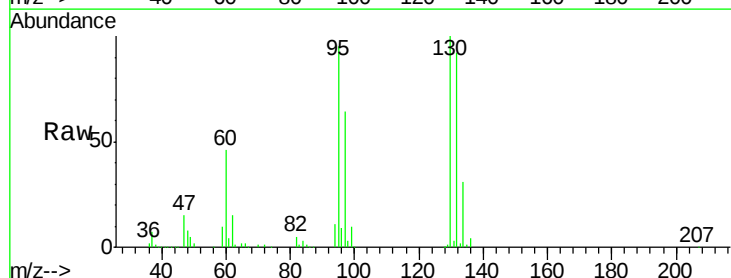
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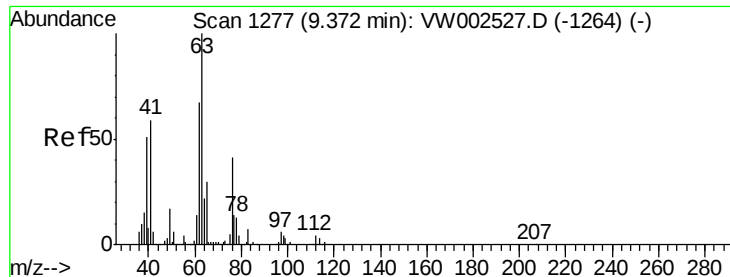
apatel
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#44
Trichloroethene
Concen: 52.08 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	194.6





#45

1,2-Dichloropropane

Concen: 52.65 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 108001

Ion Ratio Lower Upper

63 100

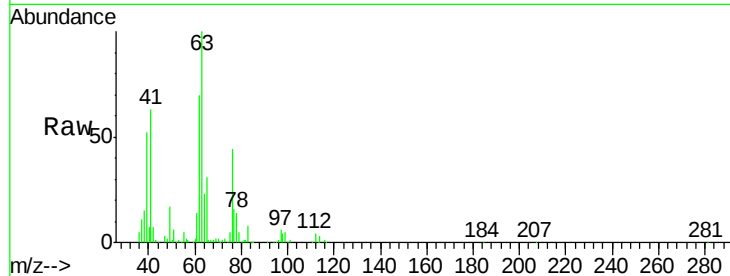
65 30.6 24.4 36.6

Manual Integrations

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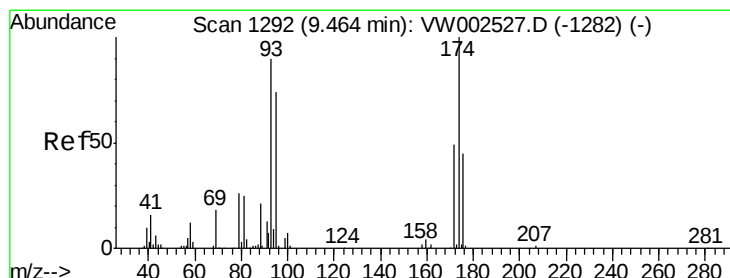
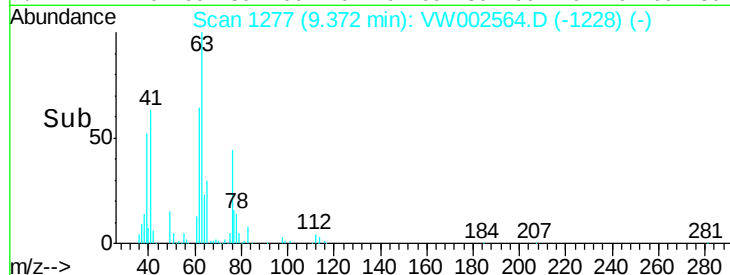
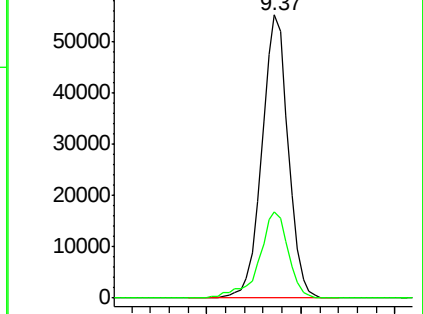
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 55.14 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

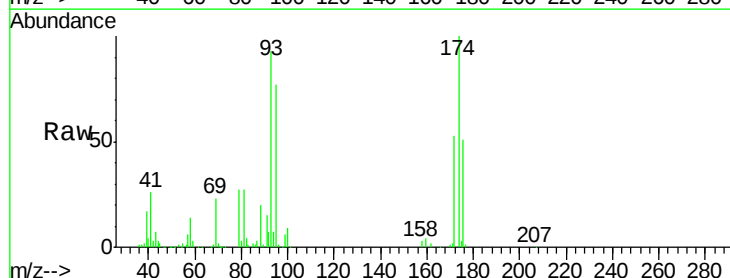
Tgt Ion: 93 Resp: 64356

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

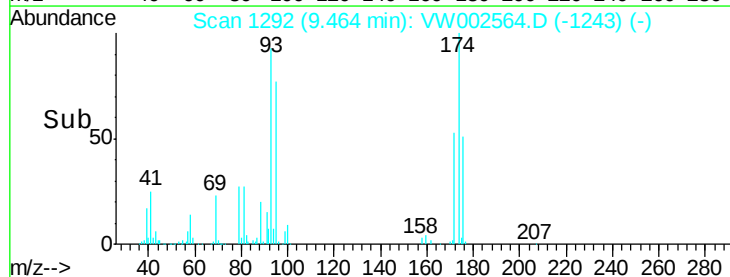
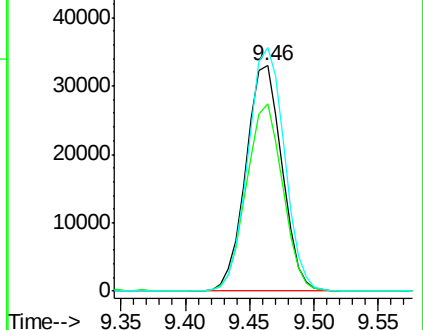
174 108.3 84.0 126.0

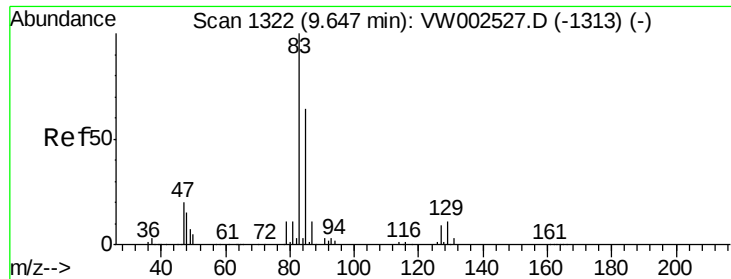


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.72 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

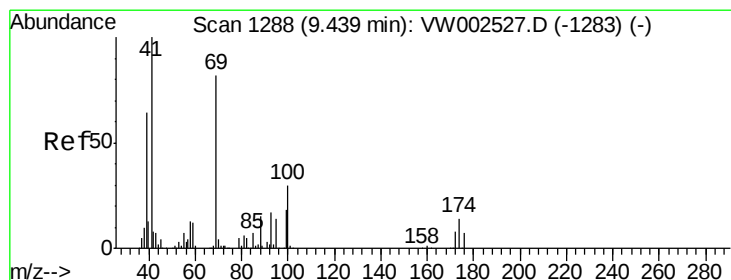
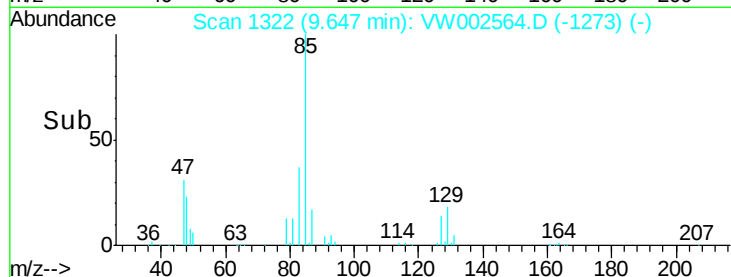
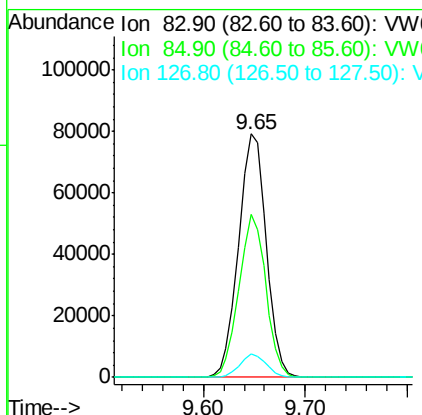
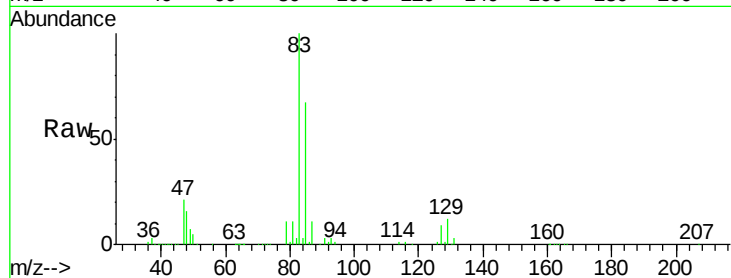
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	148949
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.4	77.2
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 58.07 ug/l

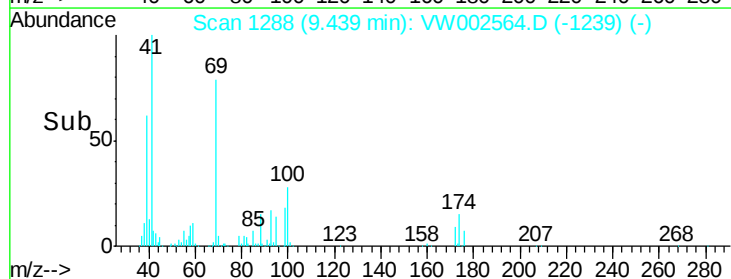
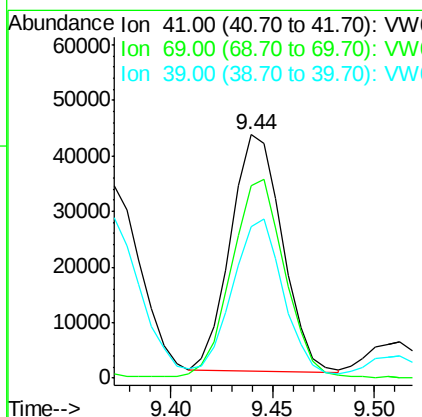
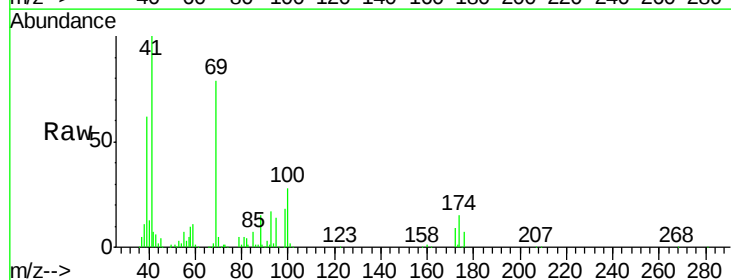
RT: 9.44 min Scan# 1288

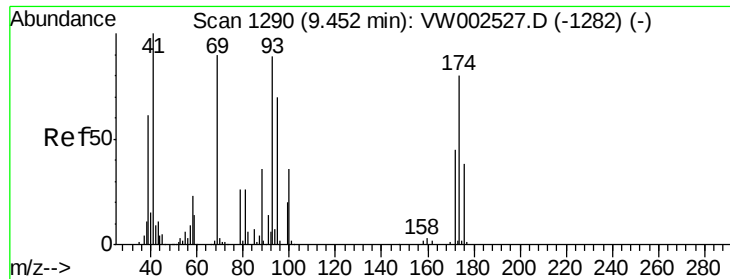
Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	41	Resp:	75249
Ion	Ratio	Lower	Upper
41	100		
69	86.7	69.7	104.5
39	67.1	55.0	82.4





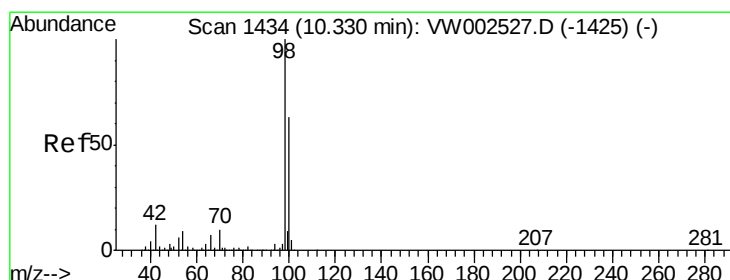
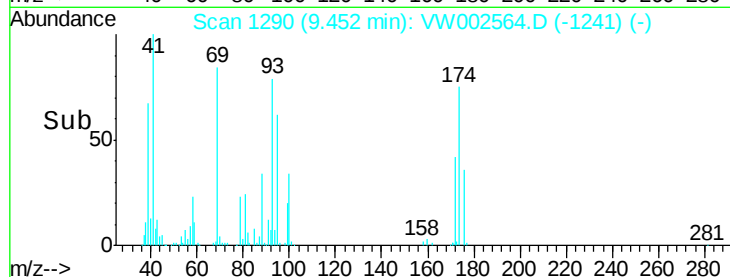
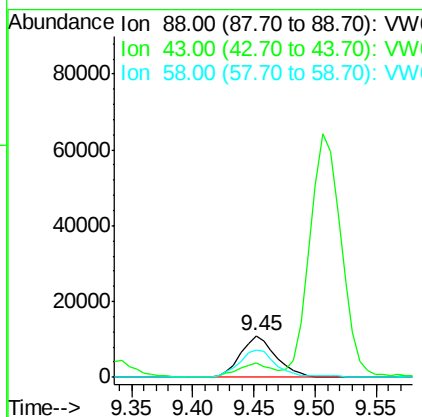
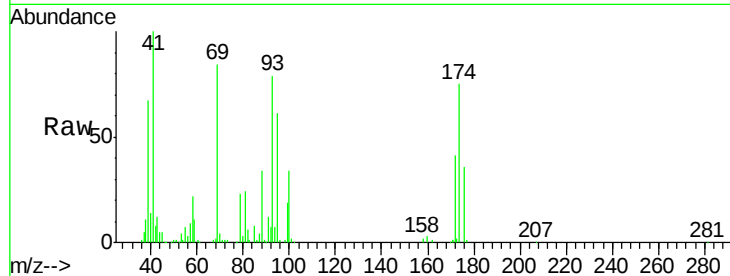
#49
1,4-Dioxane
Concen: 1134.05 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22060
Ion Ratio	Lower	Upper	
88	100		
43	30.4	27.0	40.4
58	71.5	56.9	85.3

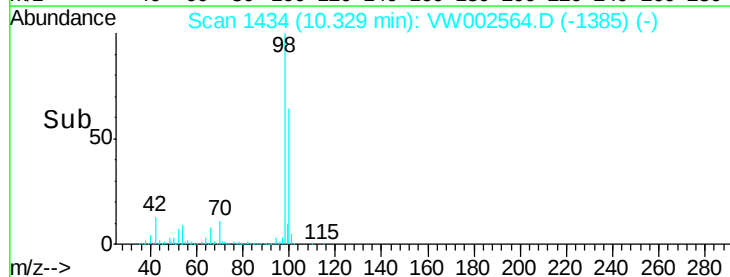
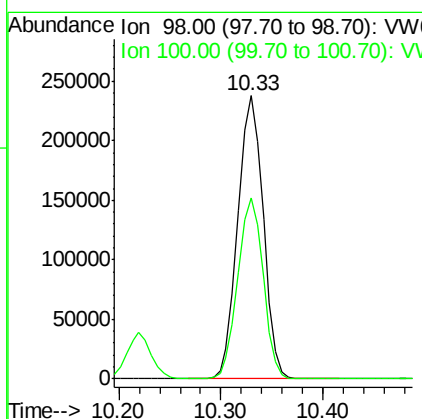
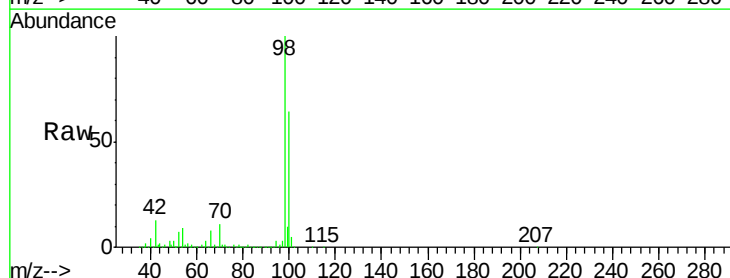
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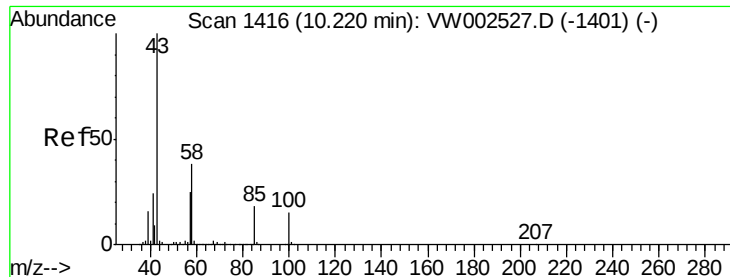
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#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	98	Resp	411010
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 296.48 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 435349

Ion Ratio Lower Upper

43 100

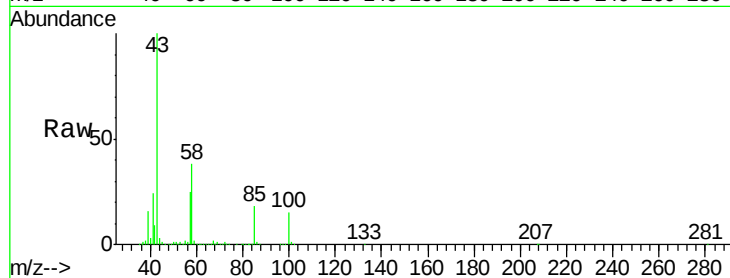
58 37.9 30.1 45.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

250000

200000

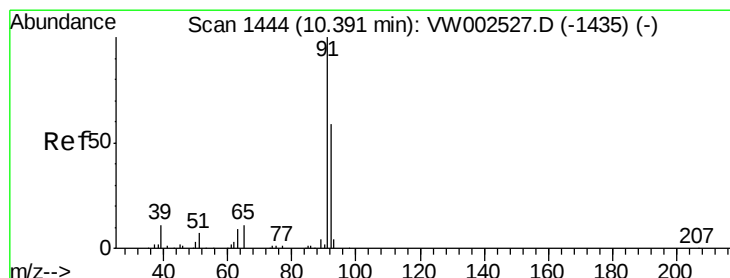
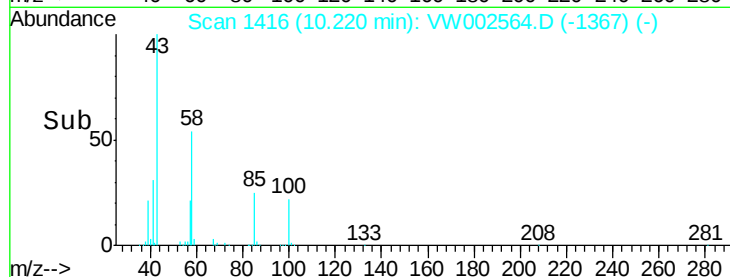
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.34 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002564.D

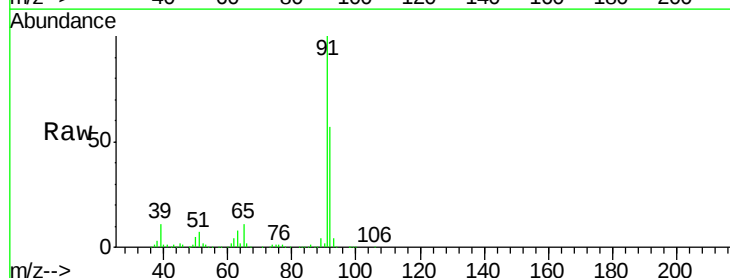
Acq: 15 May 2018 21:10

Tgt Ion: 92 Resp: 271476

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

250000

200000

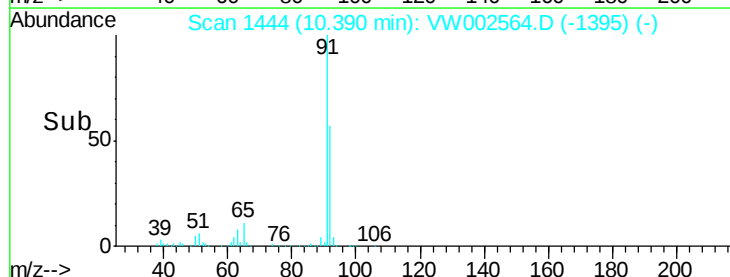
150000

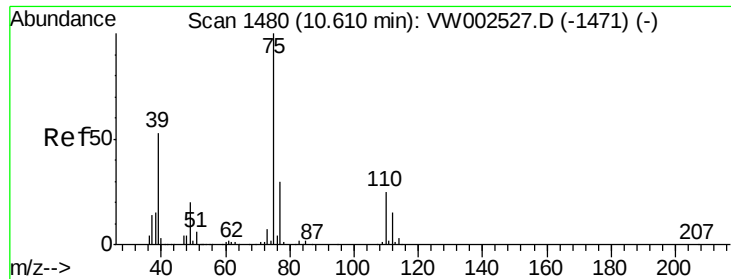
100000

50000

0

Time-->





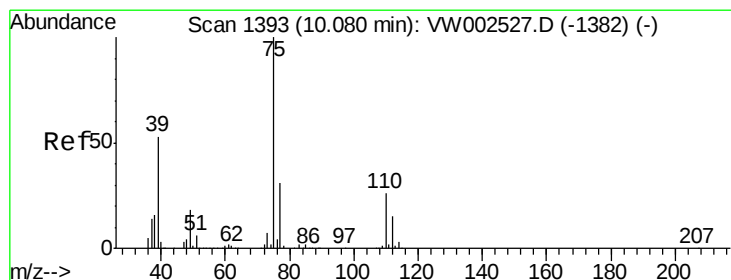
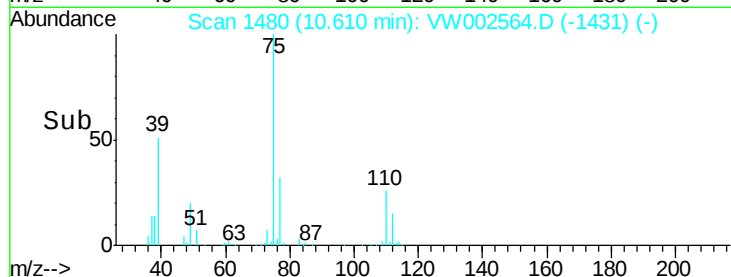
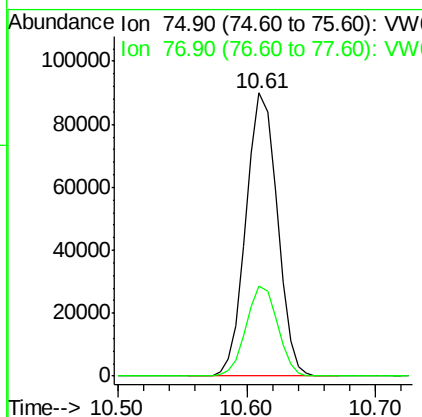
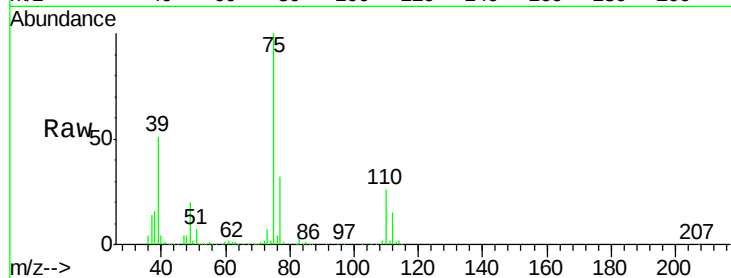
#53
t-1,3-Dichloropropene
Concen: 54.96 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.1	36.1

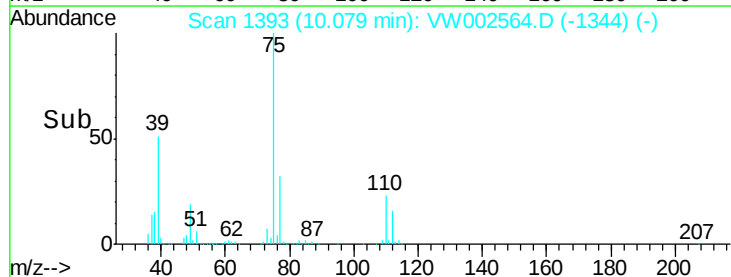
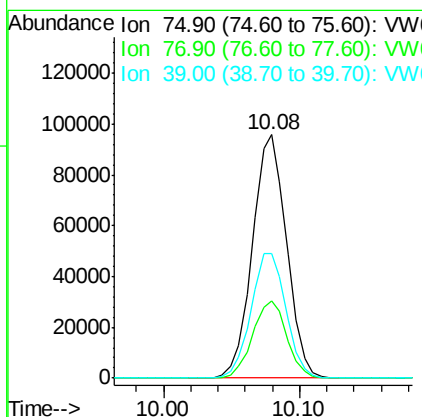
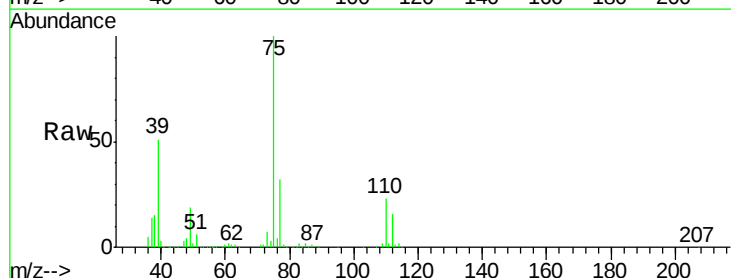
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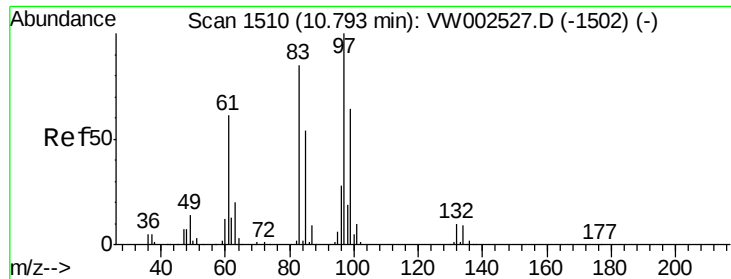
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#54
cis-1,3-Dichloropropene
Concen: 54.94 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	50.8	42.5	63.7





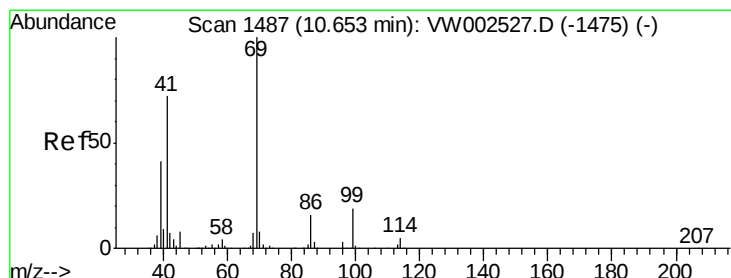
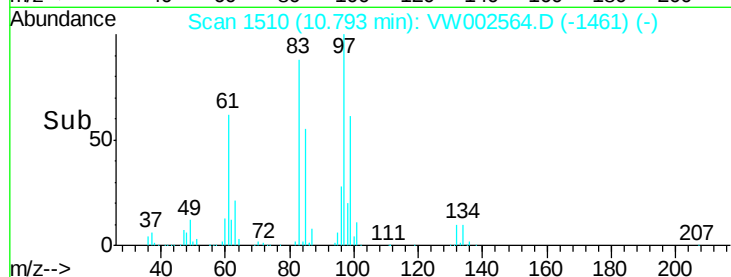
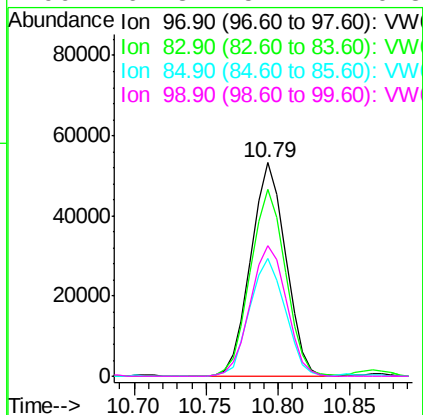
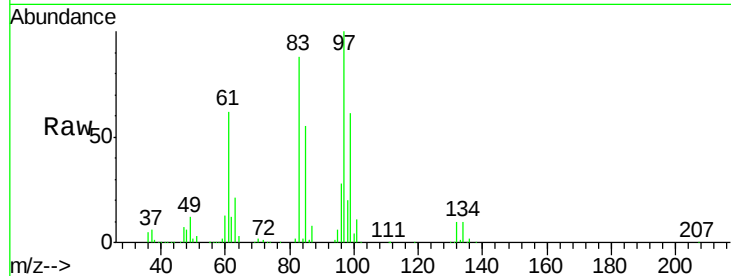
#55
 1,1,2-Trichloroethane
 Concen: 54.66 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	89890
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.1	102.1
85	54.9	43.6	65.4
99	61.3	51.2	76.8

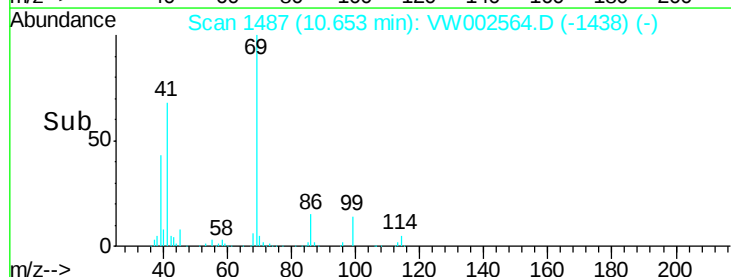
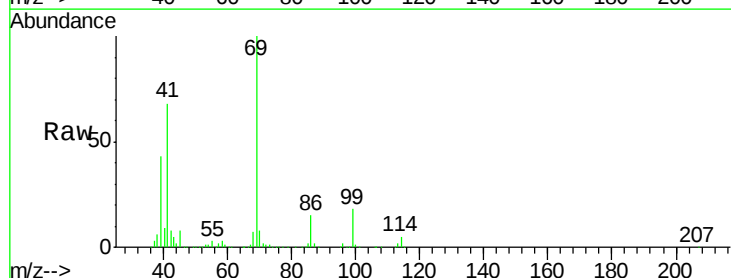
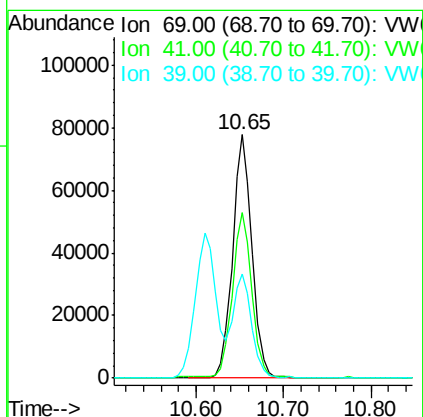
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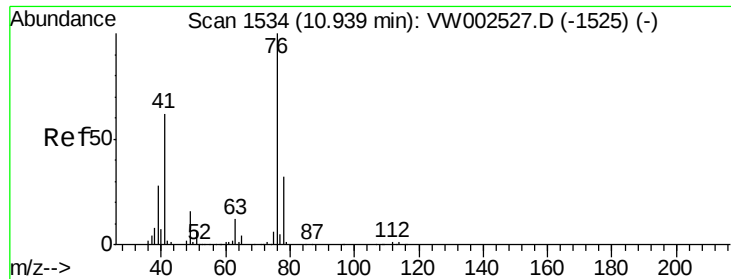
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#56
 Ethyl methacrylate
 Concen: 59.93 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion:	69	Resp:	120097
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.3	82.9
39	40.2	33.0	49.6





#57

1,3-Dichloropropane

Concen: 56.47 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 154027

Ion Ratio Lower Upper

76 100

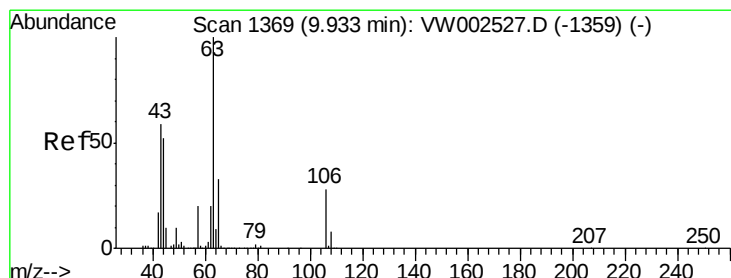
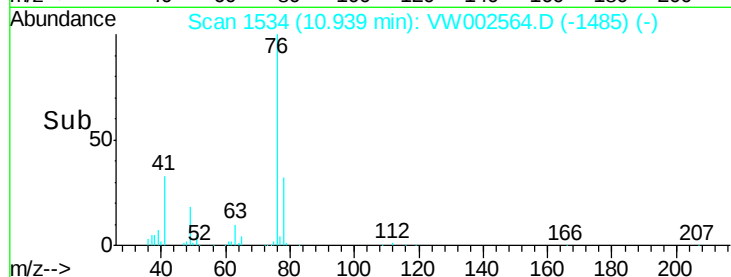
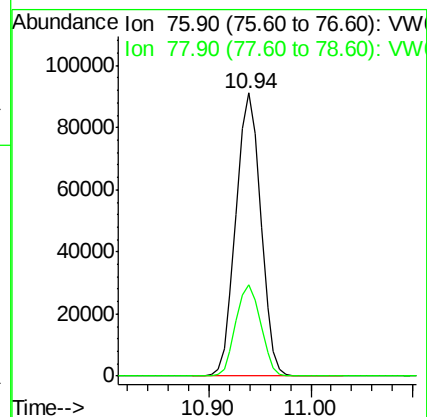
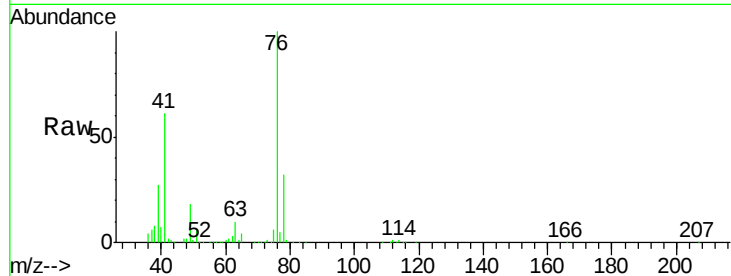
78 32.4 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 282.14 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002564.D

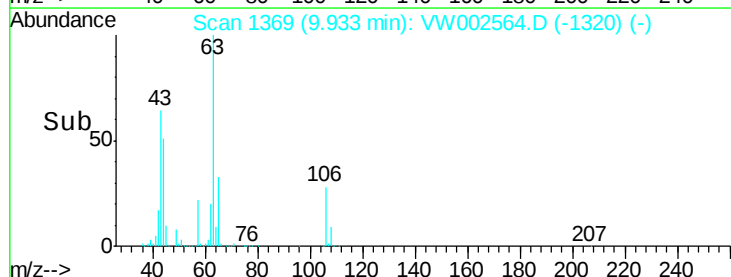
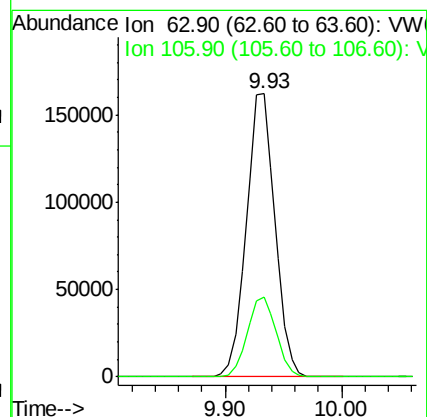
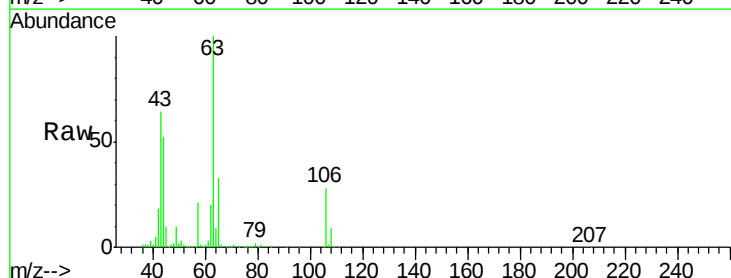
Acq: 15 May 2018 21:10

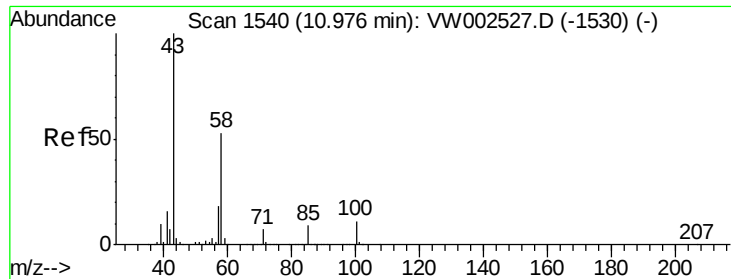
Tgt Ion: 63 Resp: 277574

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3





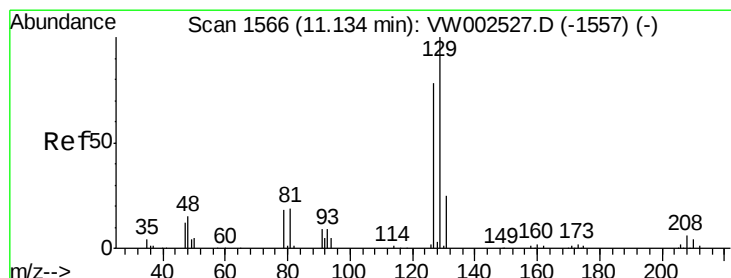
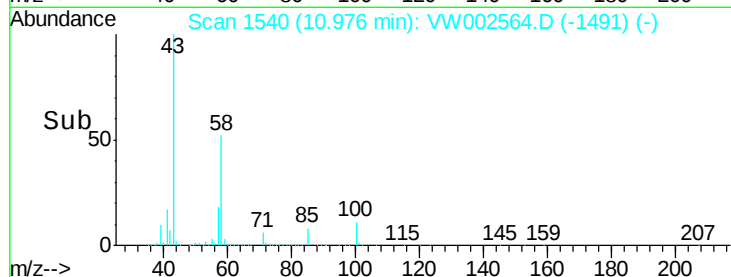
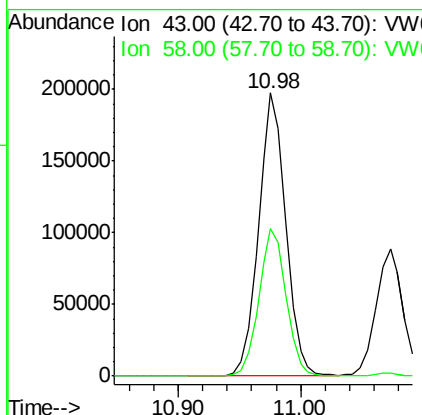
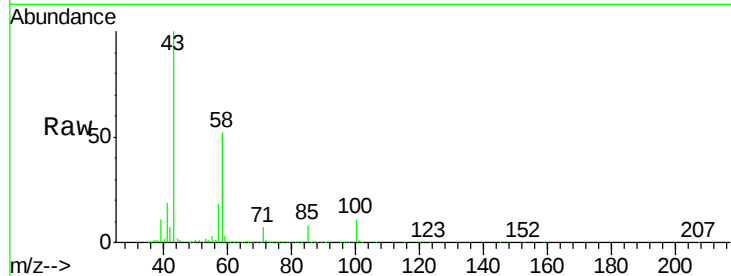
#59
2-Hexanone
Concen: 300.95 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 305089
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.8

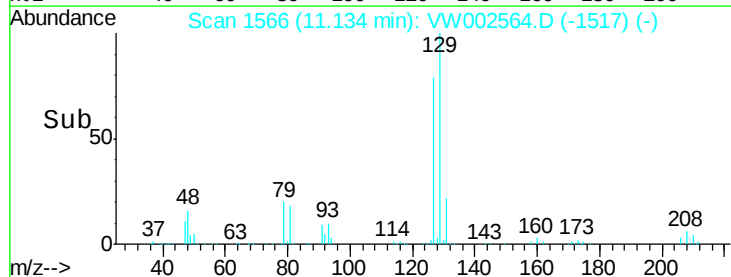
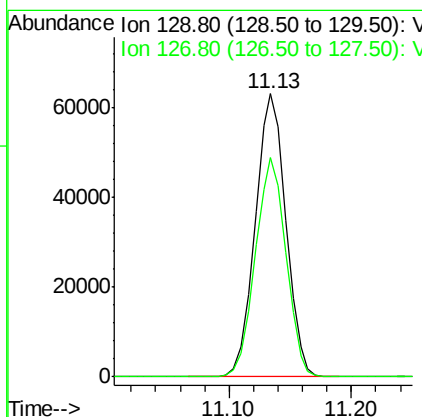
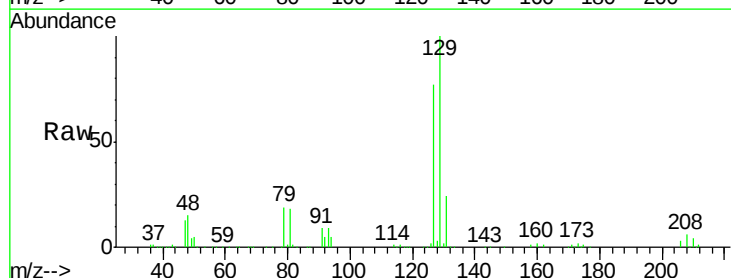
Manual Integrations
APPROVED

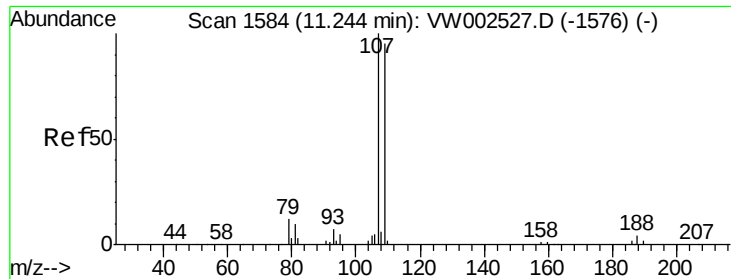
apatel
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#60
Dibromochloromethane
Concen: 56.83 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion: 129 Resp: 110281
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7





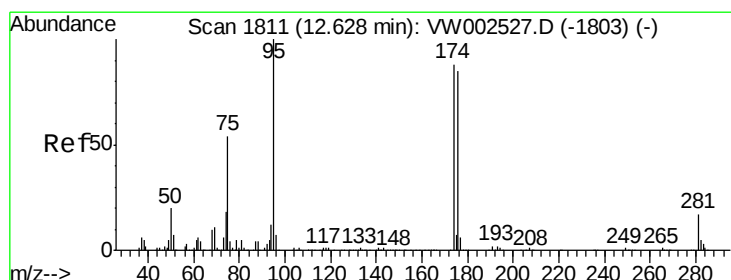
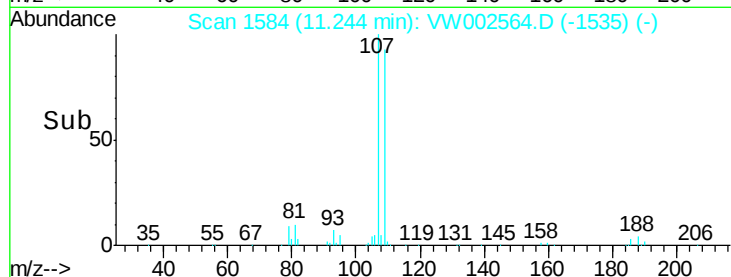
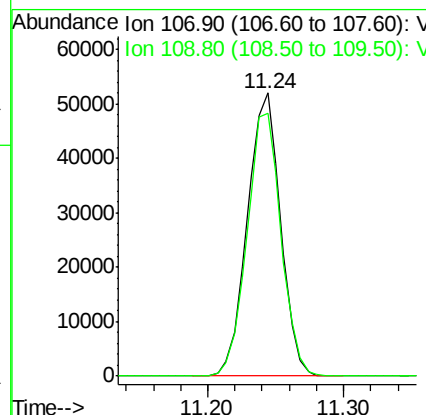
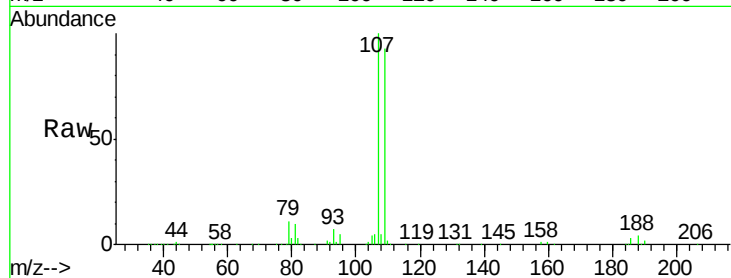
#61
 1,2-Dibromoethane
 Concen: 55.93 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 88760
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.2

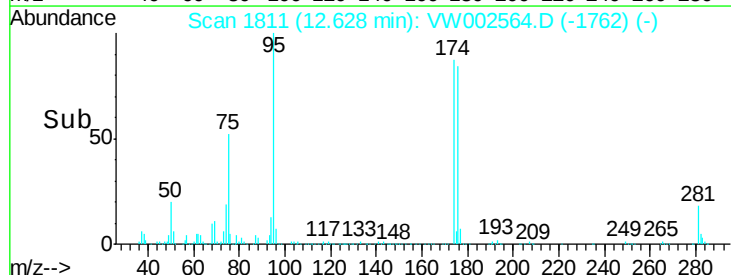
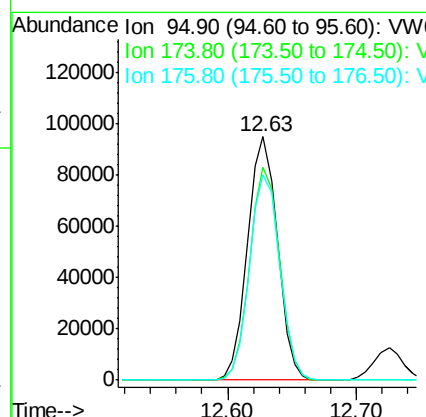
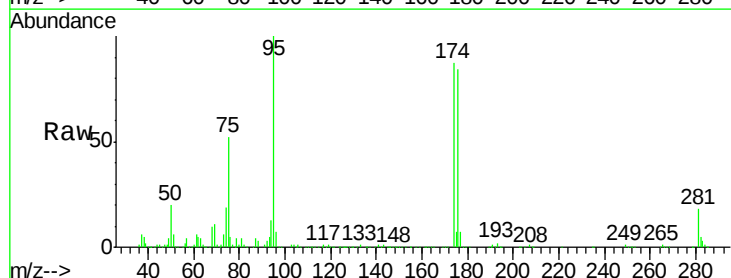
Manual Integrations
 APPROVED

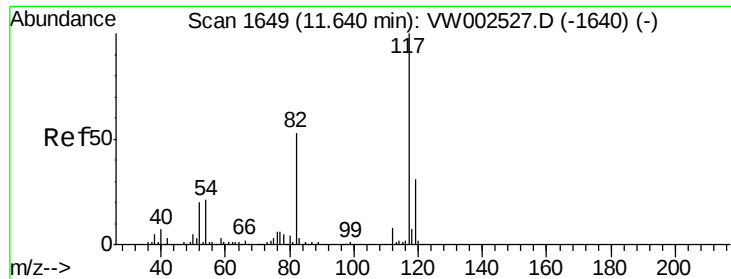
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.18 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion: 95 Resp: 151924
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 176.6
 176 85.3 0.0 172.2





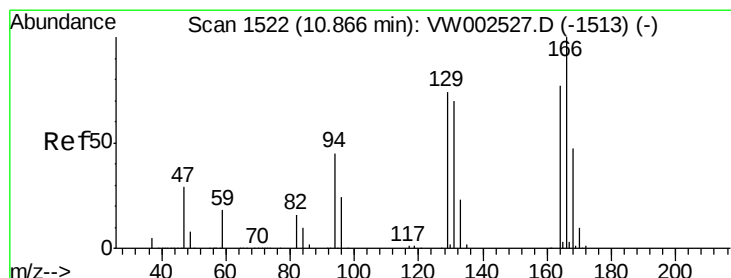
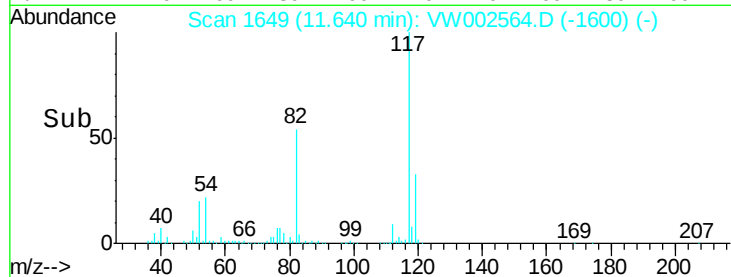
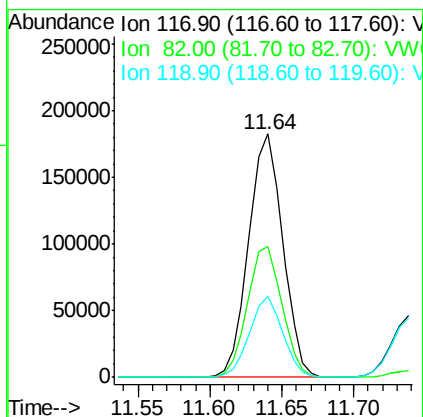
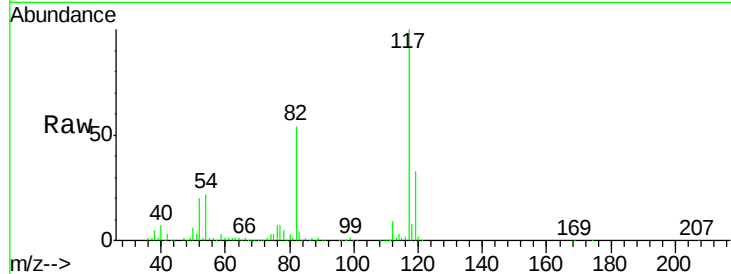
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298866		
82	53.6		42.6	64.0
119	33.1		25.0	37.6

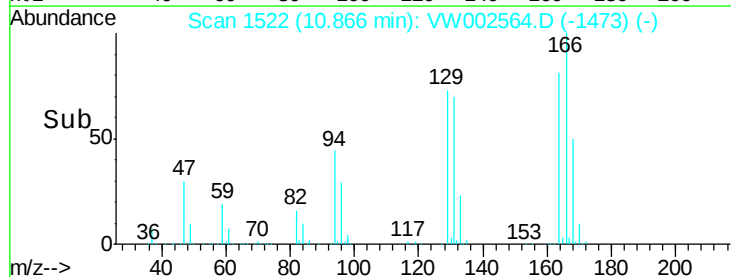
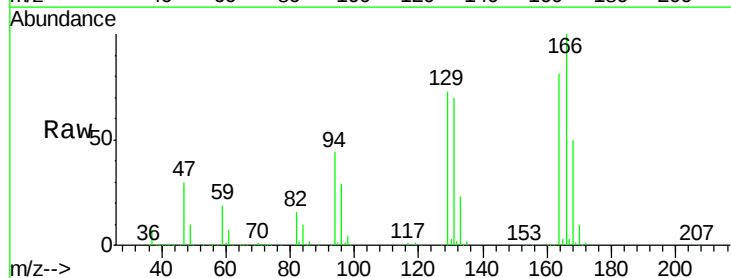
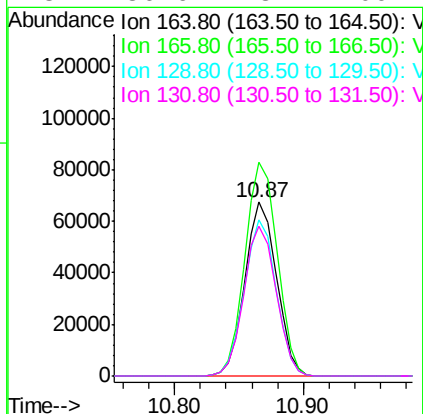
Manual Integrations
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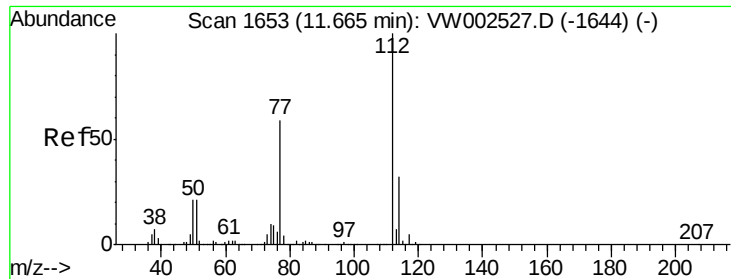
apatel
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#64
Tetrachloroethene
Concen: 54.29 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114366		
166	123.0		104.2	156.2
129	90.1		77.0	115.4
131	86.6		73.1	109.7





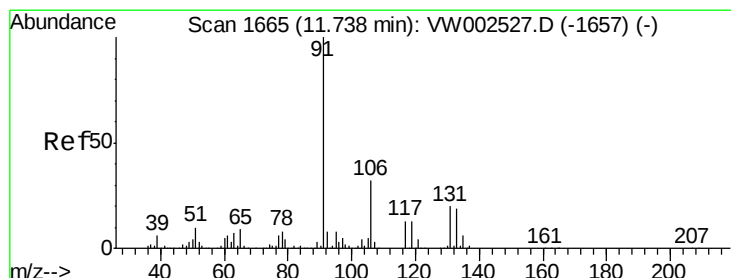
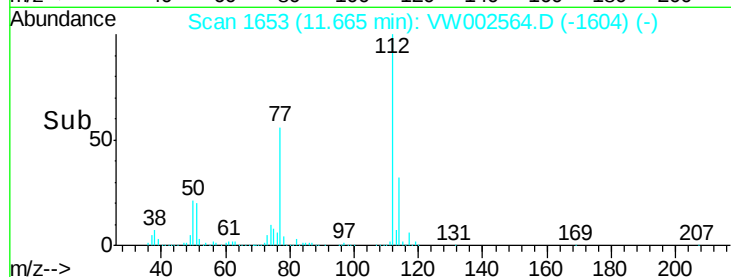
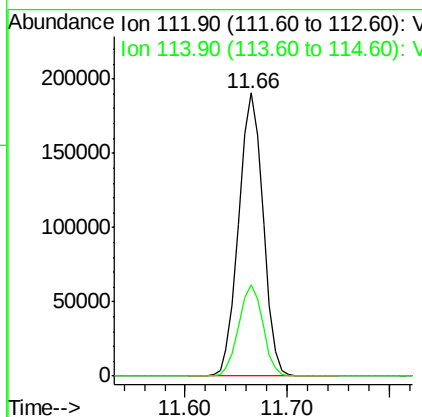
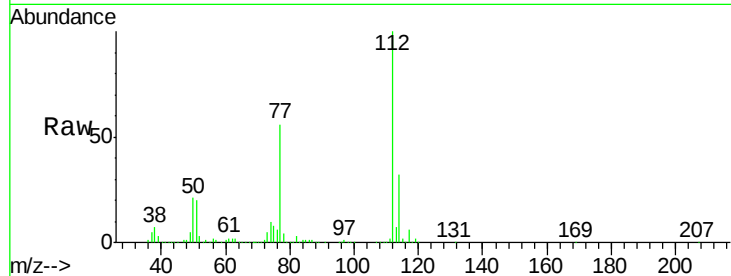
#65
Chlorobenzene
Concen: 52.84 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

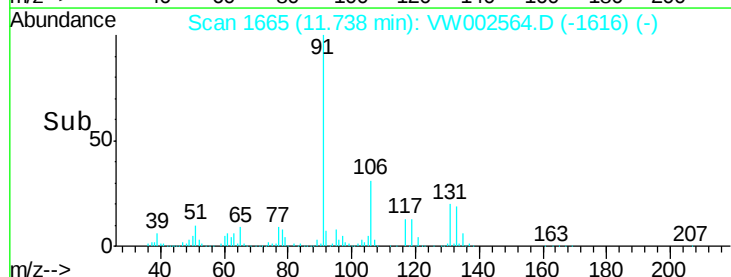
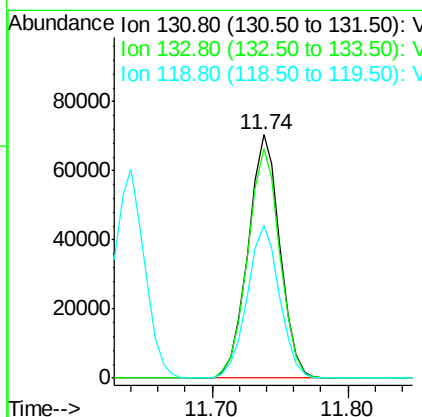
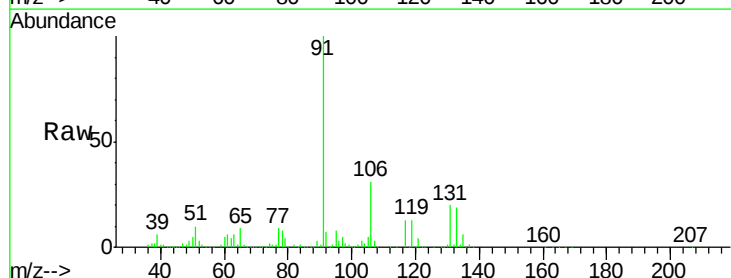
Manual Integrations
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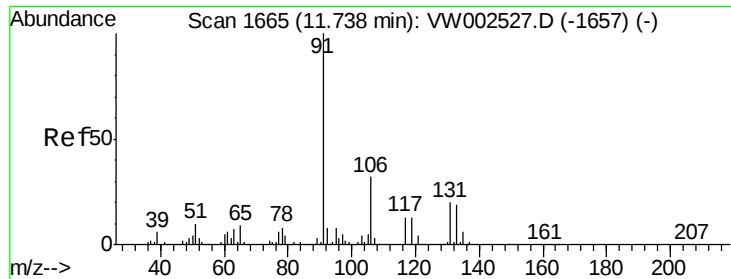
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.37 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.4	145.3
119	63.5	32.2	96.6





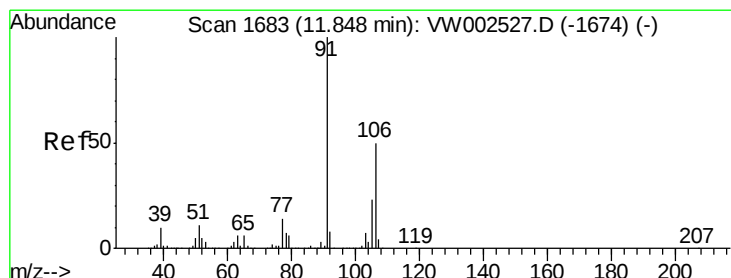
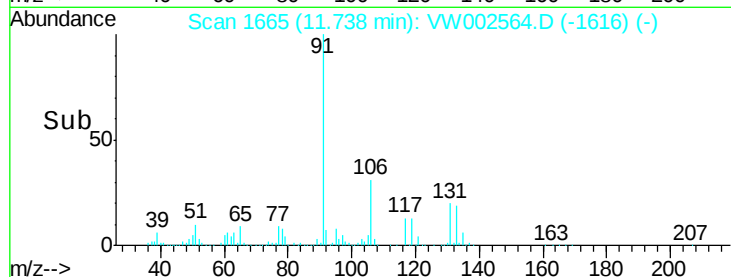
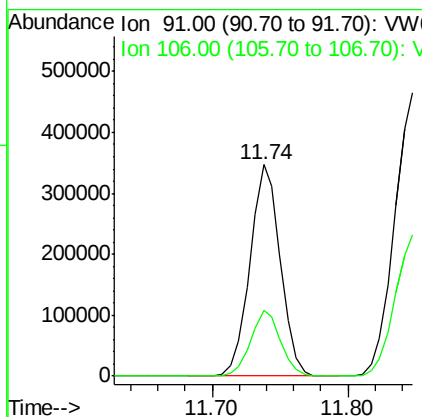
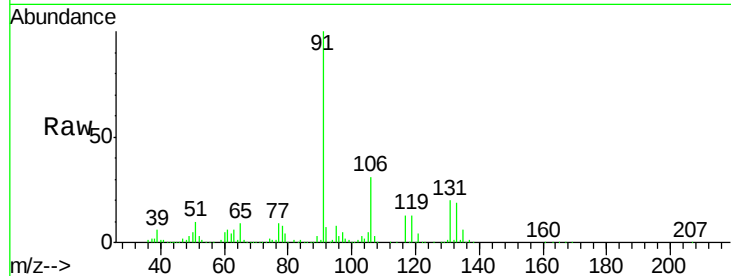
#67
Ethyl Benzene
Concen: 53.49 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 541108
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

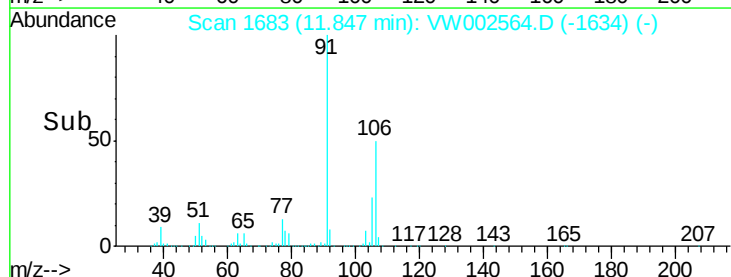
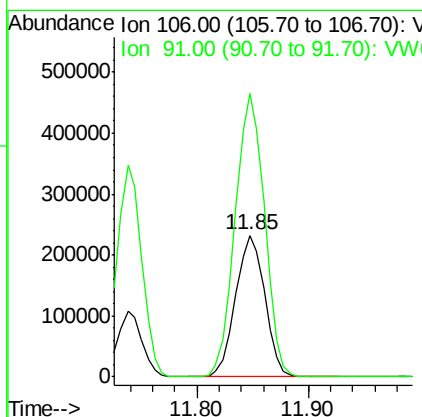
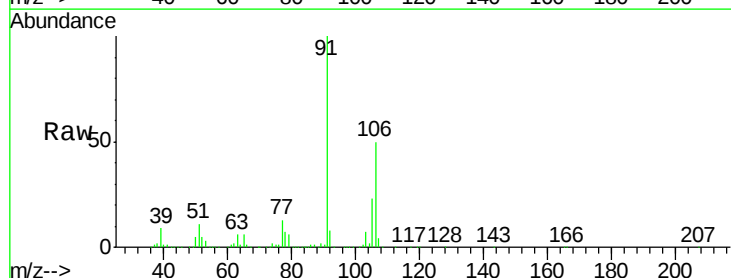
Manual Integrations
APPROVED

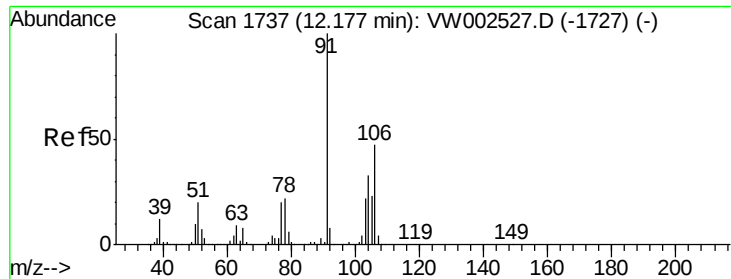
apatel
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#68
m/p-Xylenes
Concen: 107.24 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion: 106 Resp: 421796
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.2





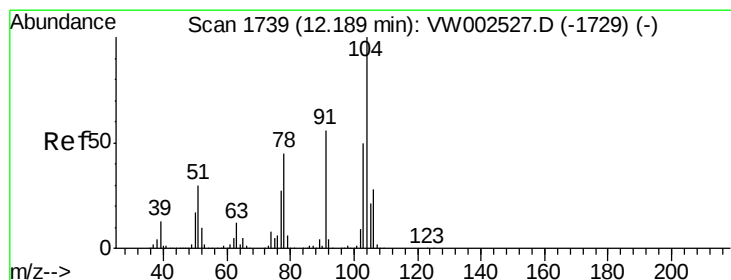
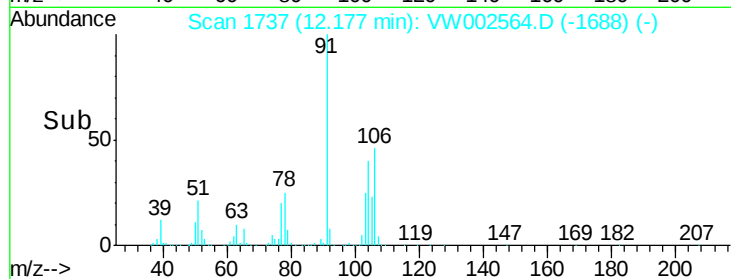
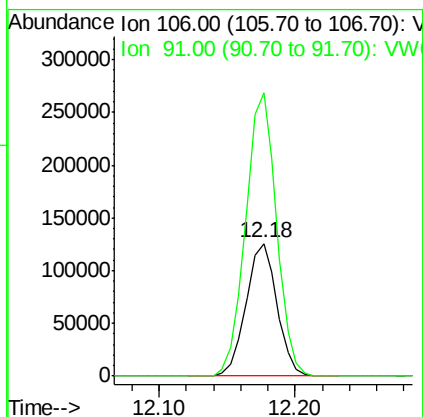
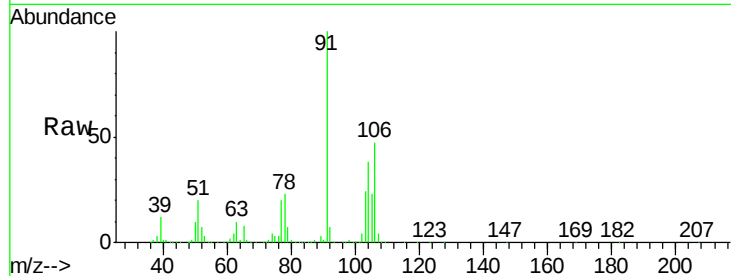
#69
o-Xylene
Concen: 53.63 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 200426
Ion Ratio Lower Upper
106 100
91 213.0 106.7 320.2

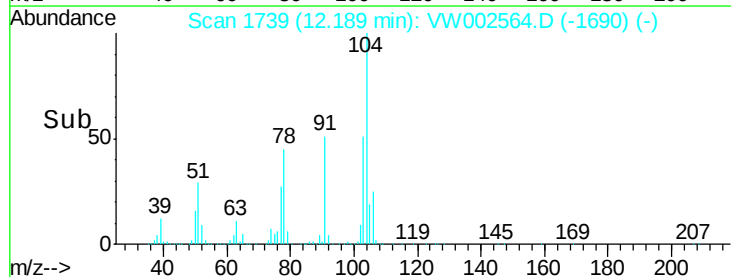
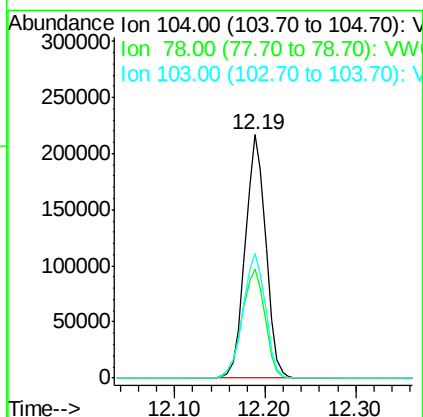
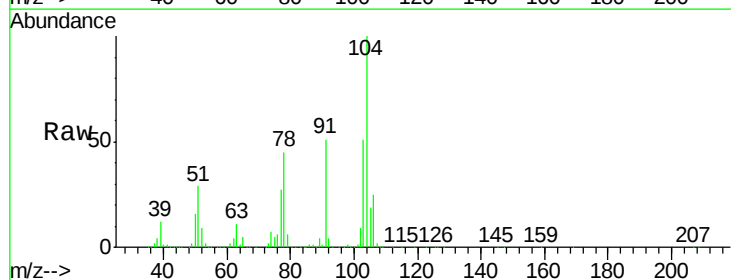
Manual Integrations
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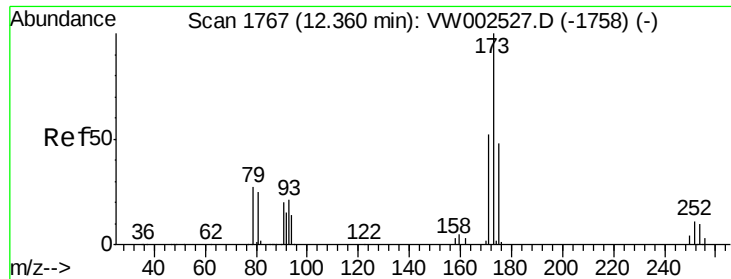
apatel
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#70
Styrene
Concen: 54.74 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion:104 Resp: 340456
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 55.6 44.6 66.8





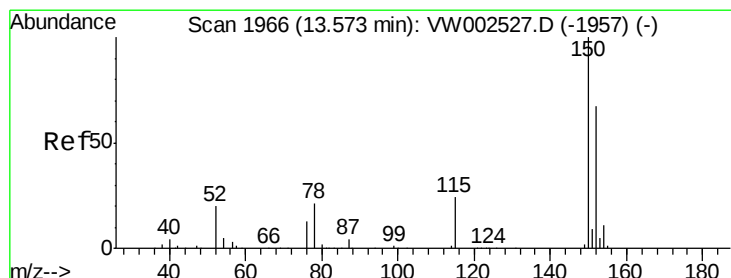
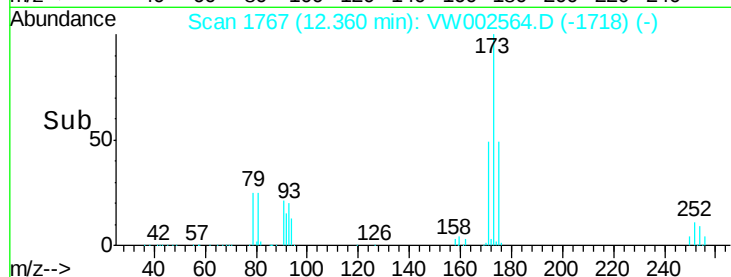
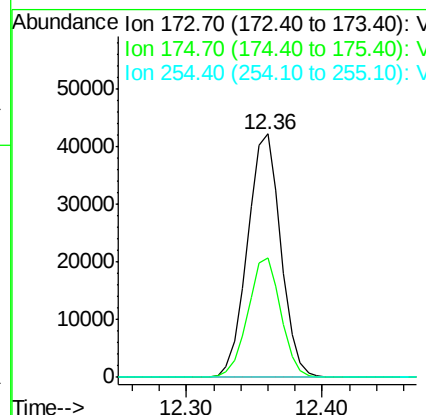
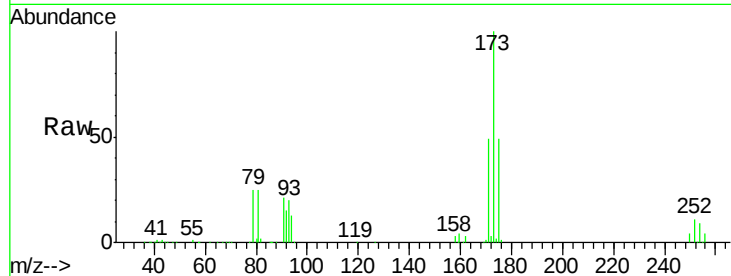
#71
Bromoform
Concen: 57.67 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.5	73.5
254	0.2	0.1	0.1#

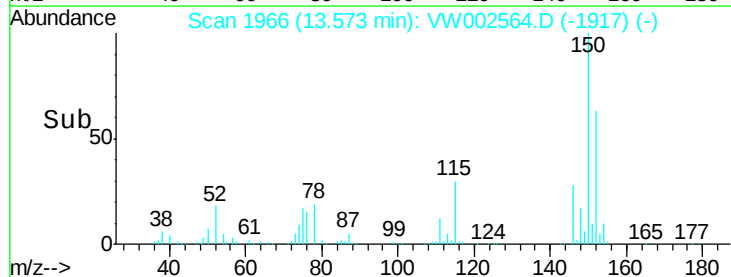
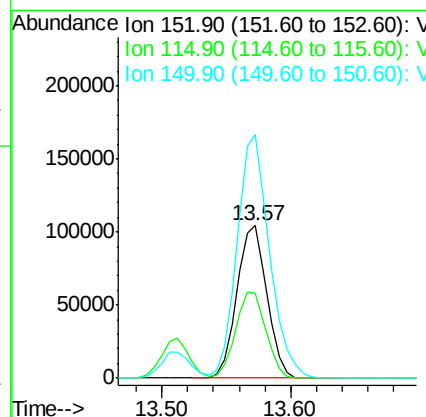
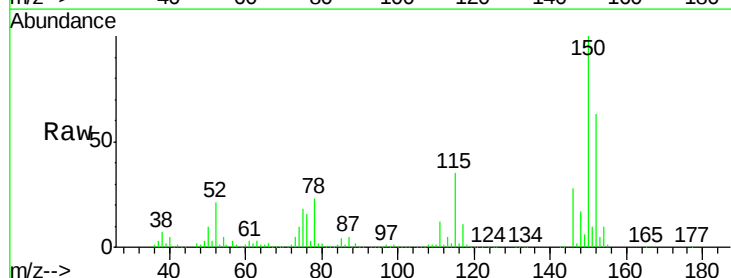
Manual Integrations
APPROVED

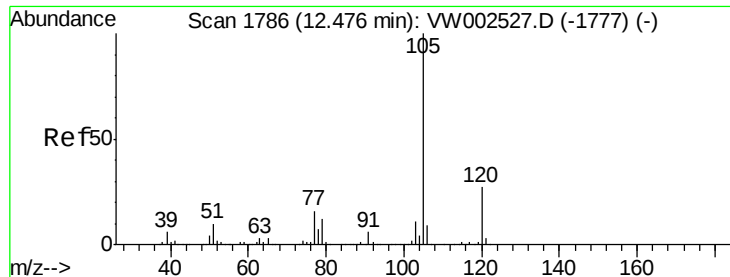
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.0	84.0
150	171.9	0.0	345.4





#73

Isopropylbenzene

Concen: 53.11 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 552978

Ion Ratio Lower Upper

105 100

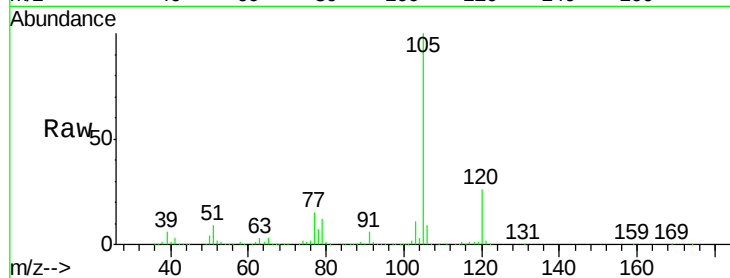
120 26.5 13.4 40.2

Manual Integrations

APPROVED

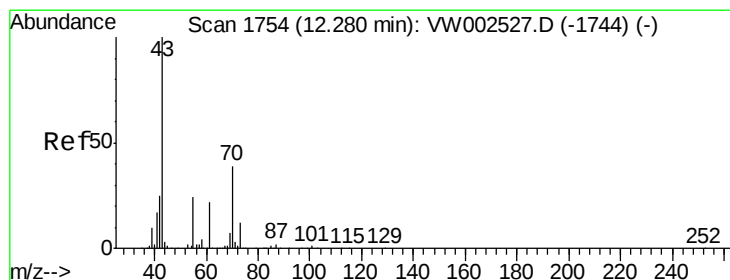
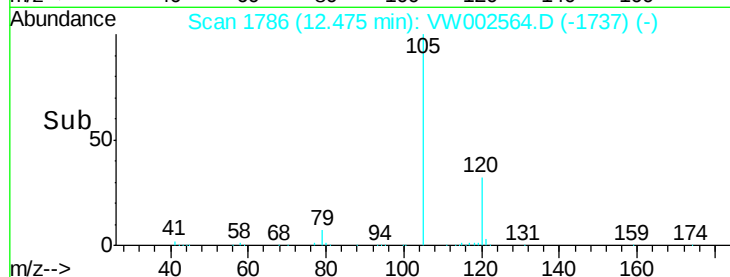
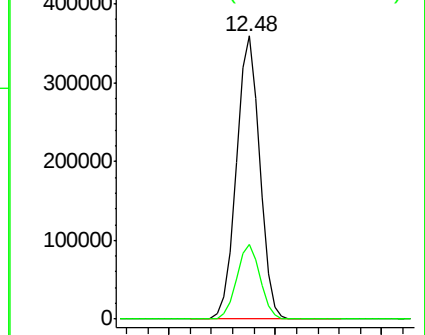
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.87 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion: 43 Resp: 150861

Ion Ratio Lower Upper

43 100

70 41.1 31.9 47.9

55 24.3 19.4 29.0

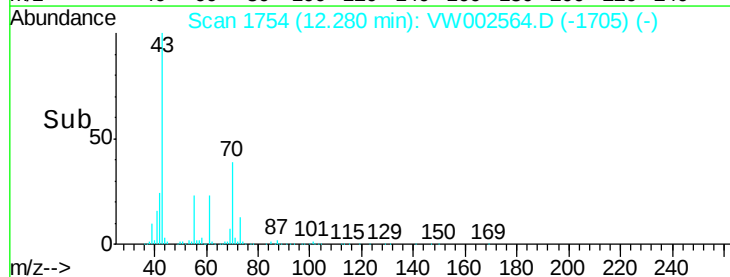
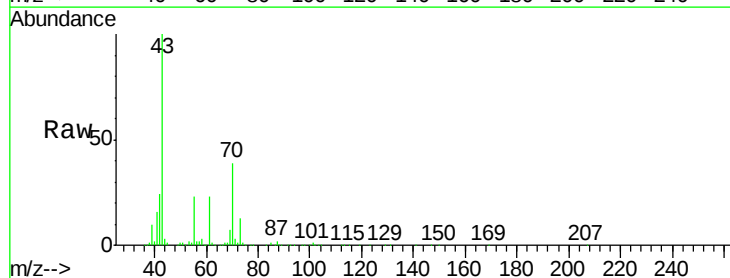
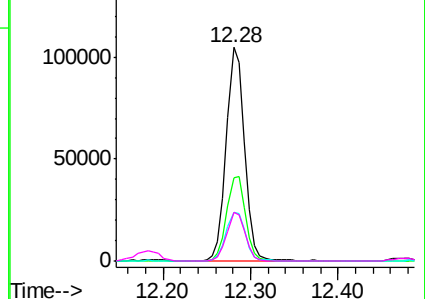
61 23.1 18.3 27.5

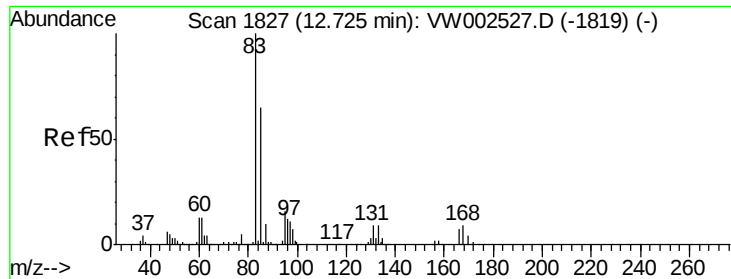
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 55.19 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

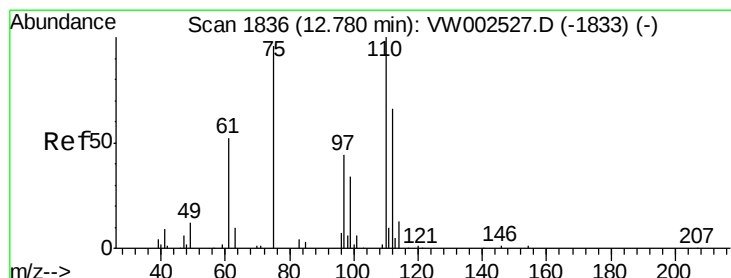
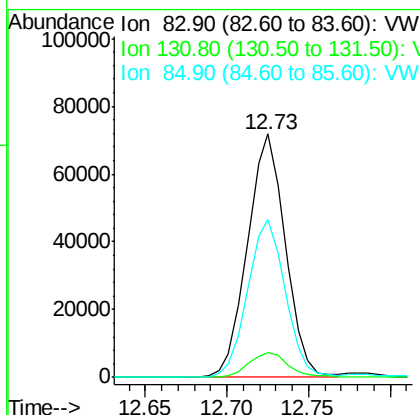
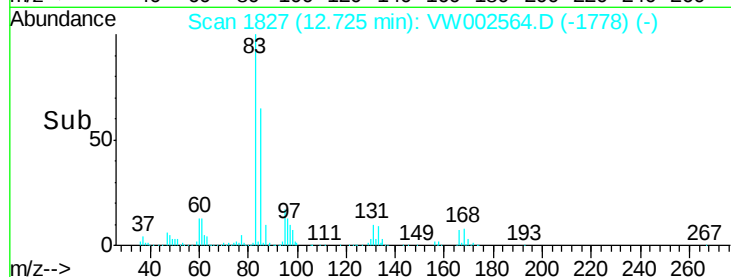
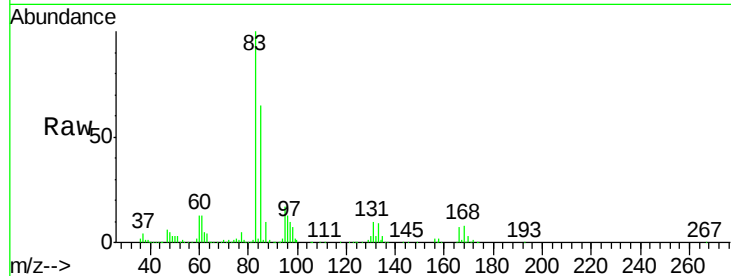
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	116441
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.6	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 53.94 ug/l m

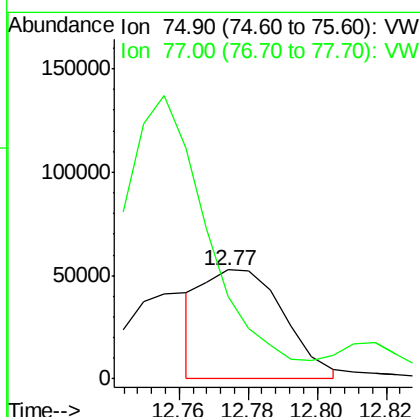
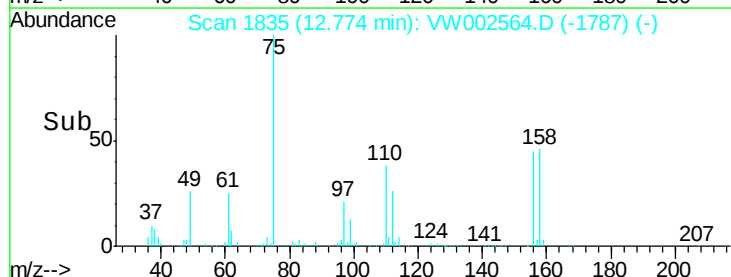
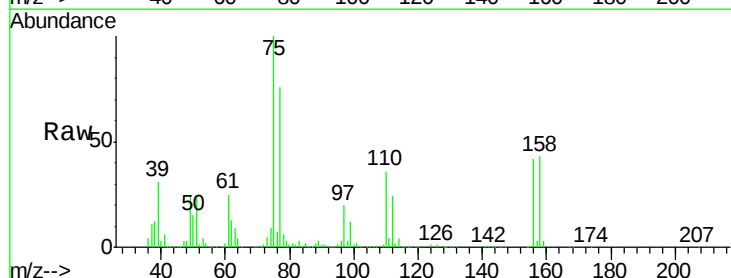
RT: 12.77 min Scan# 1835

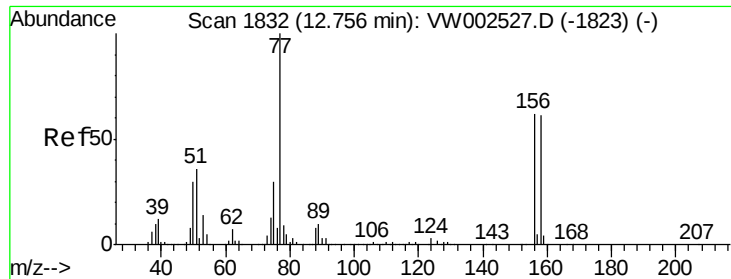
Delta R.T. -0.01 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	75	Resp:	86121
Ion Ratio	Lower	Upper	
75	100		
77	289.9	0.0	0.0#





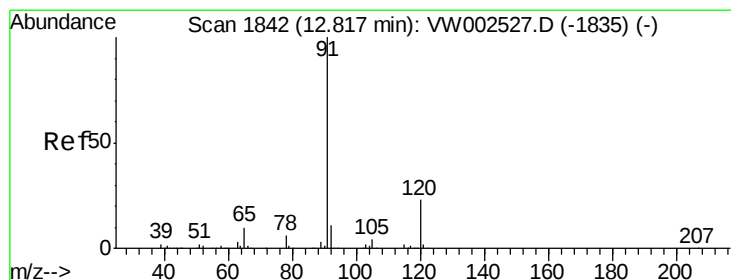
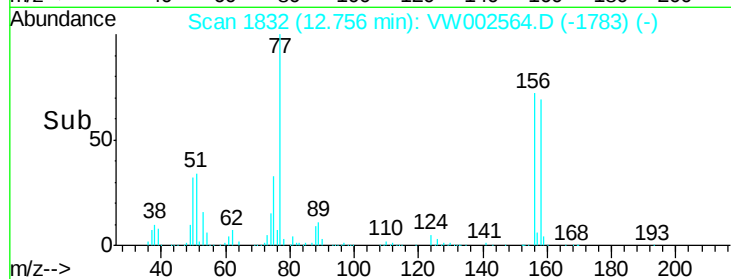
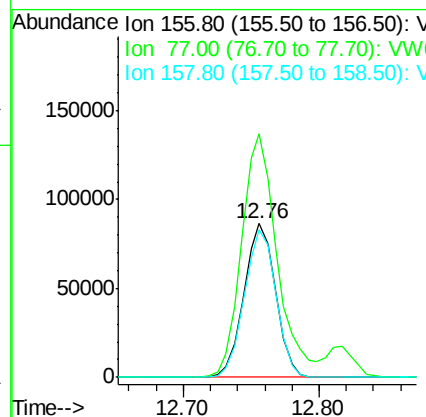
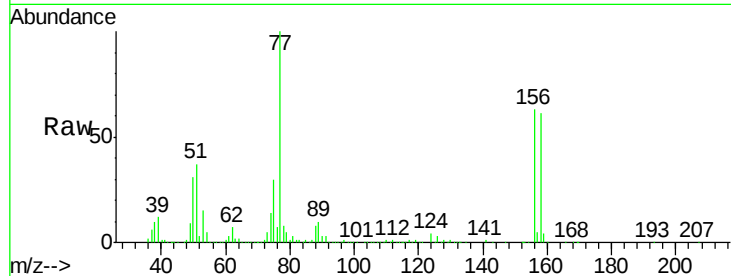
#77
Bromobenzene
Concen: 52.91 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.6	89.8	269.4
158	96.3	48.8	146.3

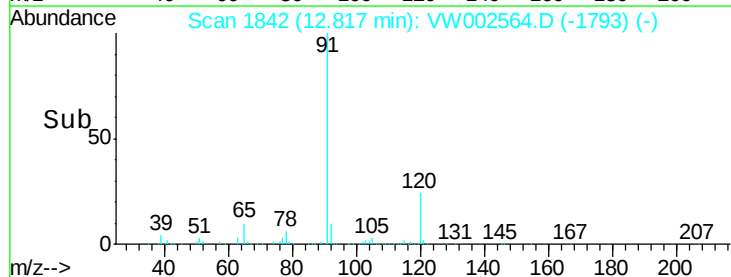
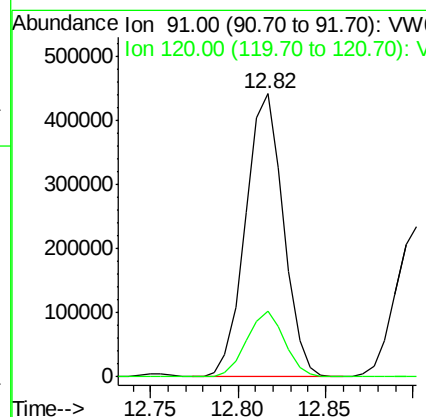
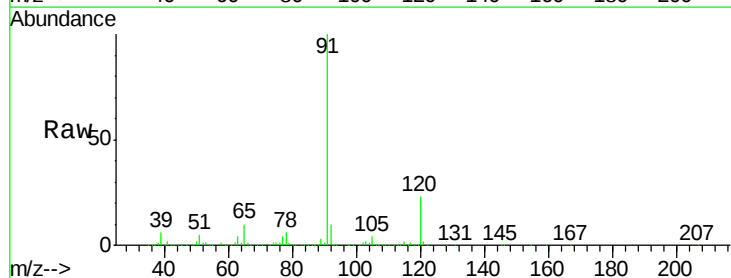
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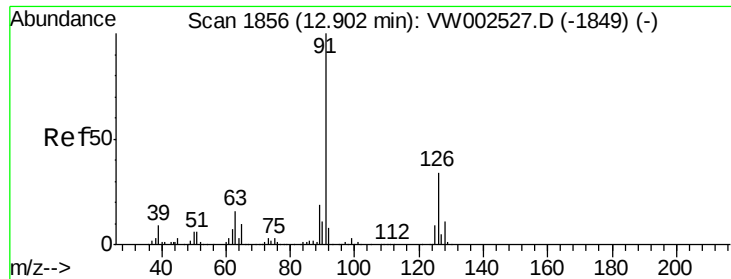
apatel
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#78
n-propylbenzene
Concen: 52.81 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 52.11 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 372100

Ion Ratio Lower Upper

91 100

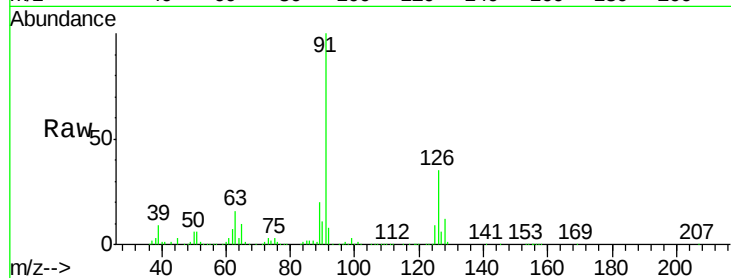
126 35.3 17.6 52.8

Manual Integrations

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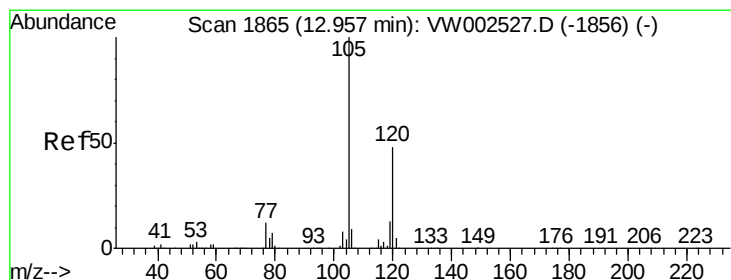
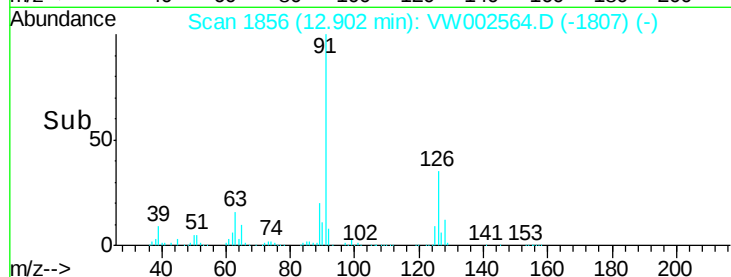
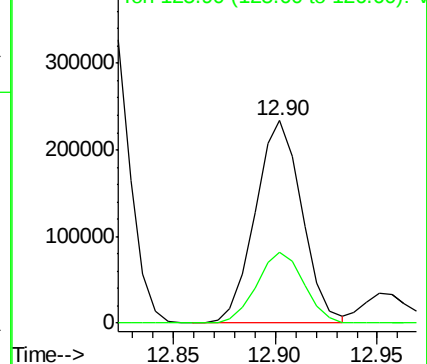
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.03 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VW002564.D

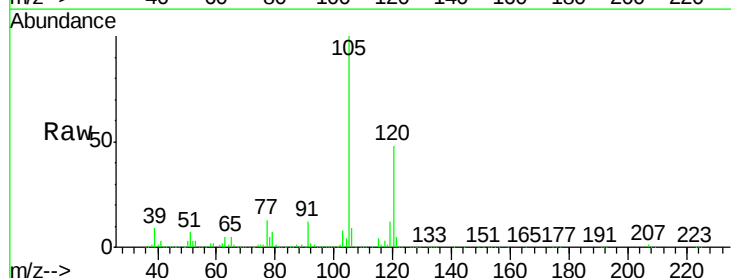
Acq: 15 May 2018 21:10

Tgt Ion:105 Resp: 471220

Ion Ratio Lower Upper

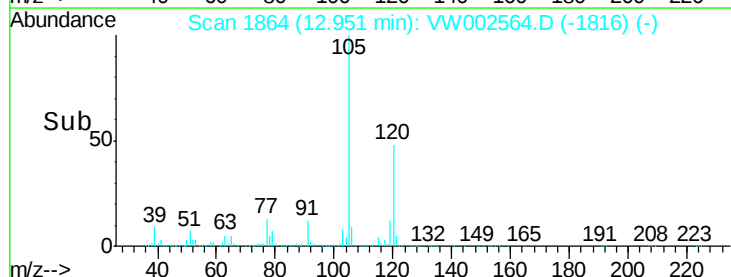
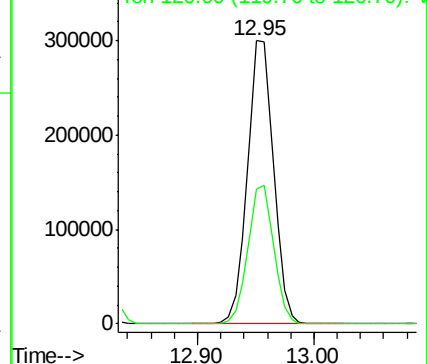
105 100

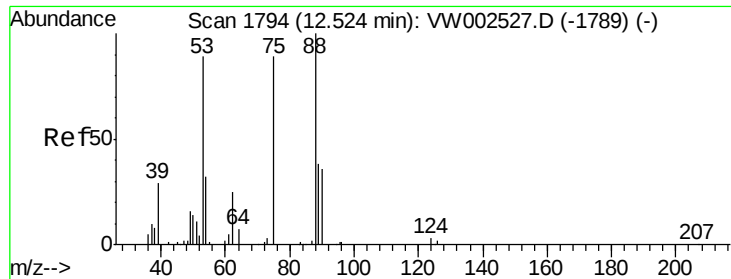
120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





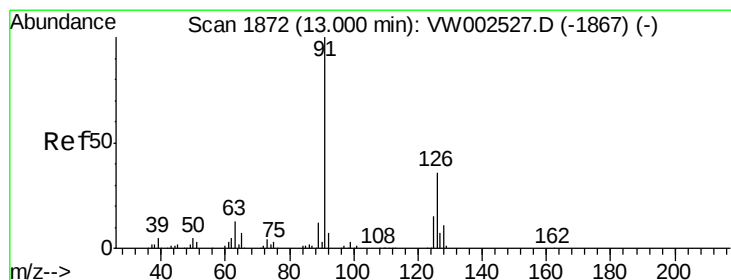
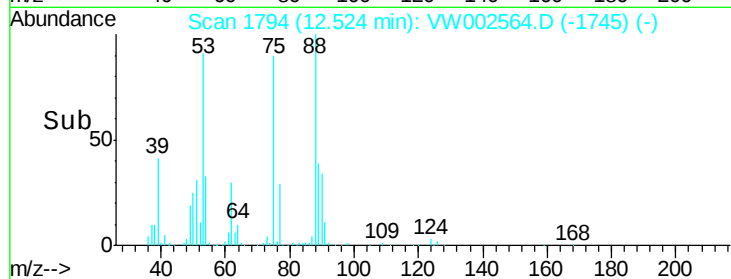
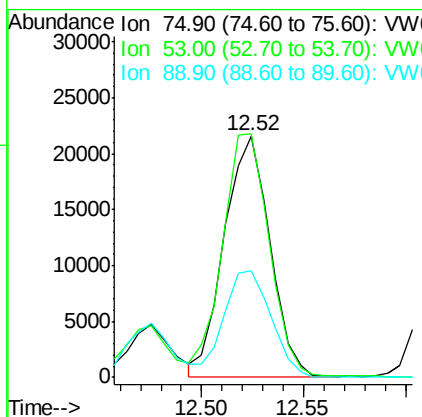
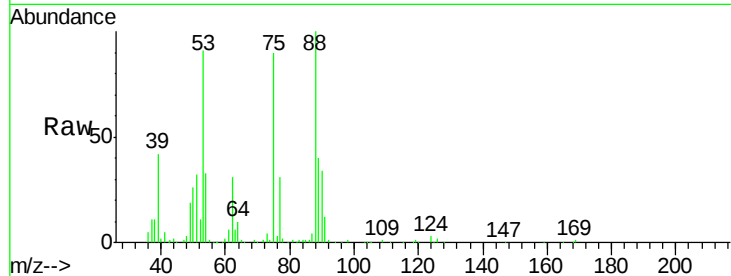
#81
trans-1,4-Dichloro-2-butene
Concen: 56.74 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	82.6	124.0
89	46.6	39.2	58.8

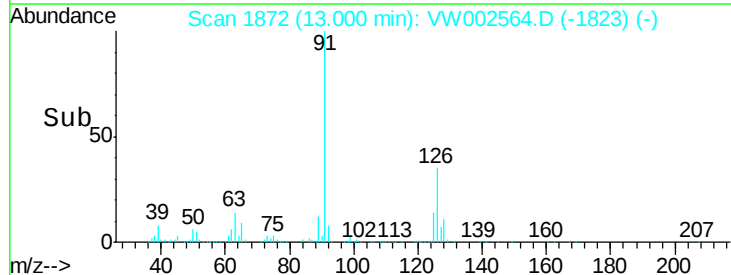
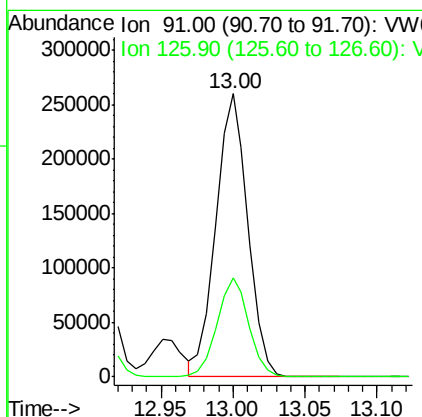
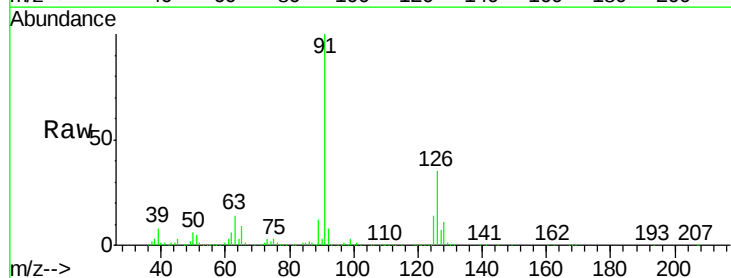
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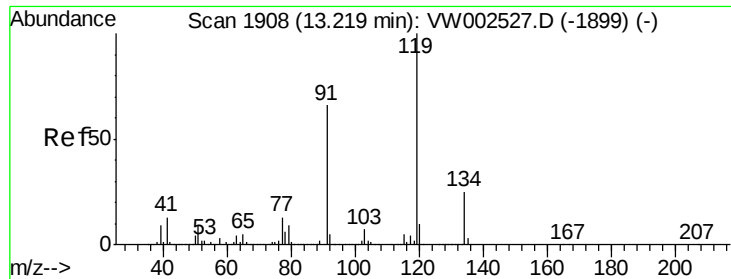
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#82
4-Chlorotoluene
Concen: 52.10 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5





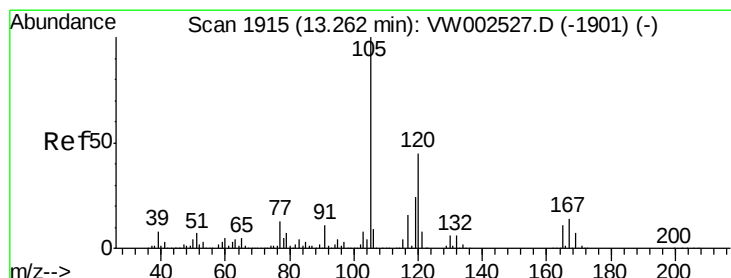
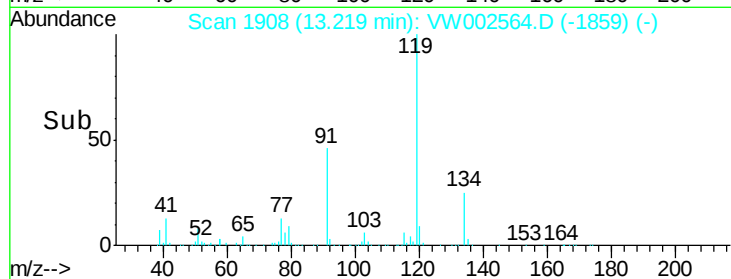
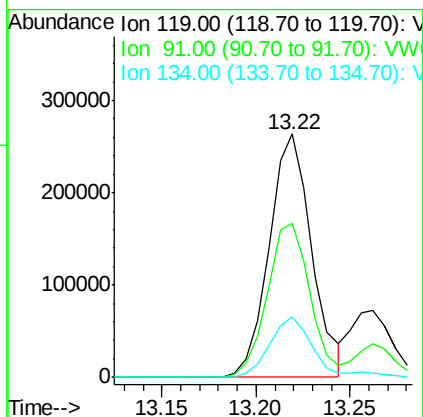
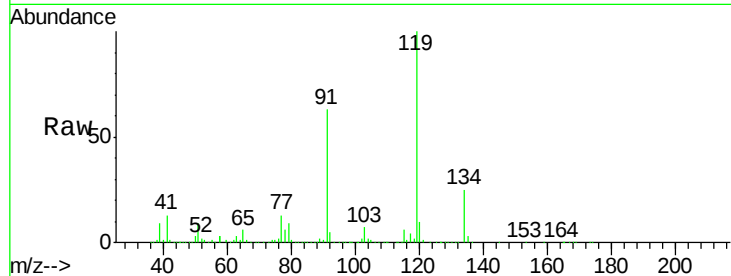
#83
tert-Butylbenzene
Concen: 53.66 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	411787		
91	63.6	32.5	97.5	
134	26.1	13.2	39.6	

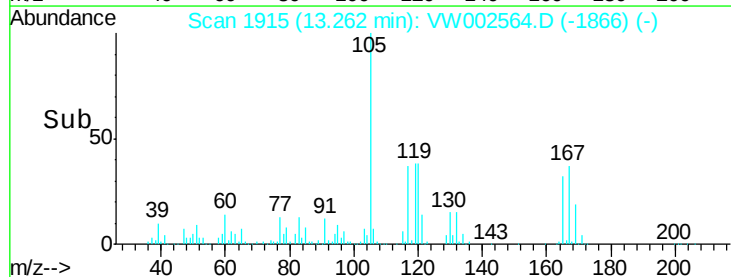
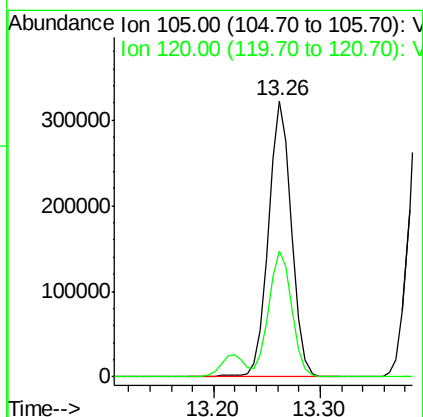
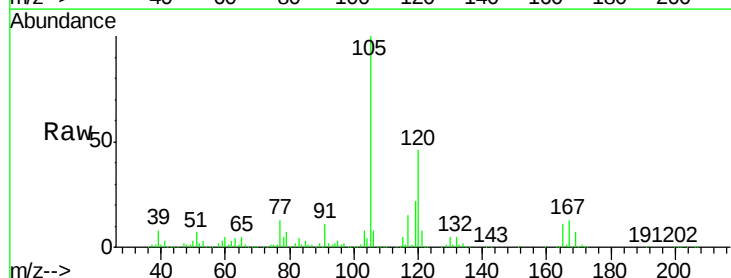
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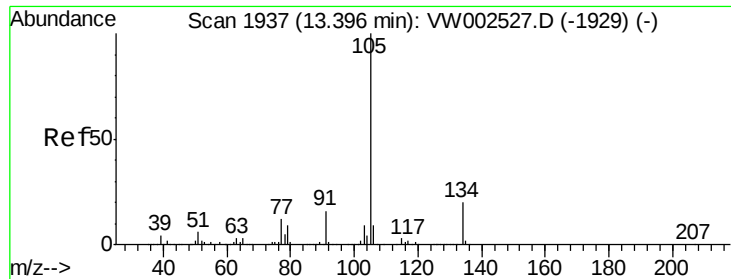
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#84
1,2,4-Trimethylbenzene
Concen: 52.74 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486476		
120	45.5	22.3	66.9	





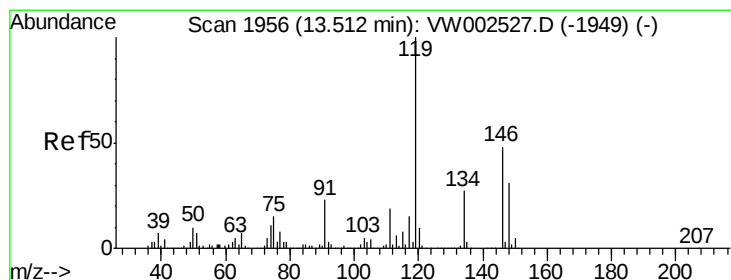
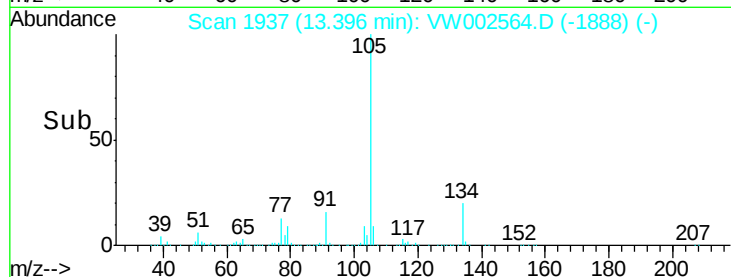
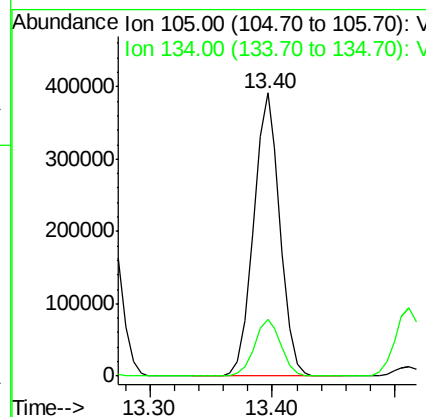
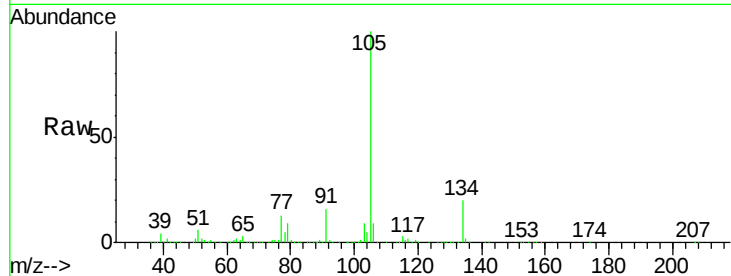
#85
 sec-Butylbenzene
 Concen: 52.80 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

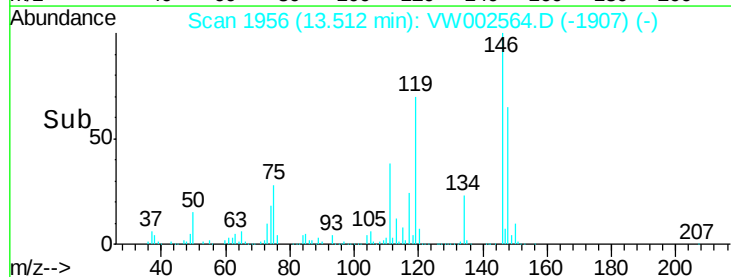
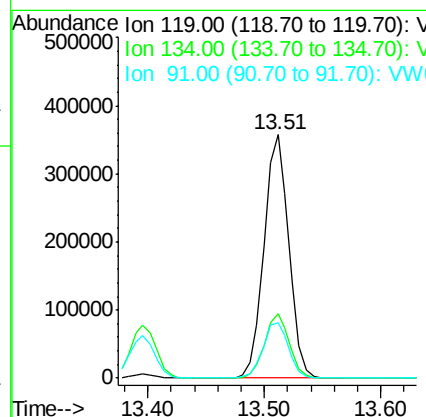
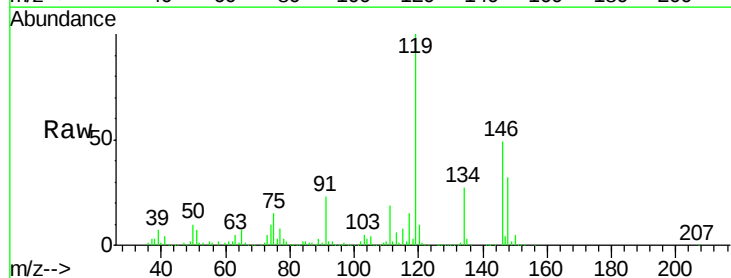
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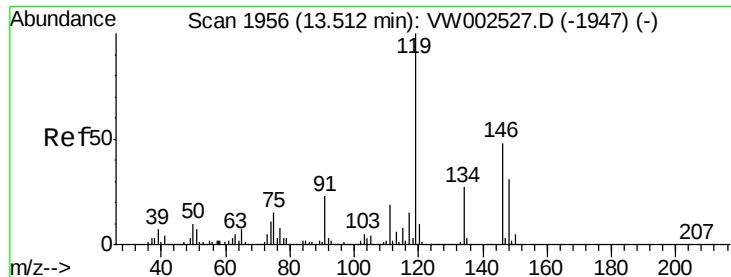
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#86
 p-Isopropyltoluene
 Concen: 53.39 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	23.4	11.6	34.8





#87

1,3-Dichlorobenzene

Concen: 52.08 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Instrument :

MSVOA_W

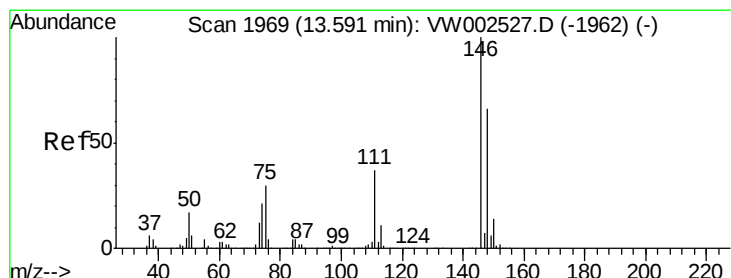
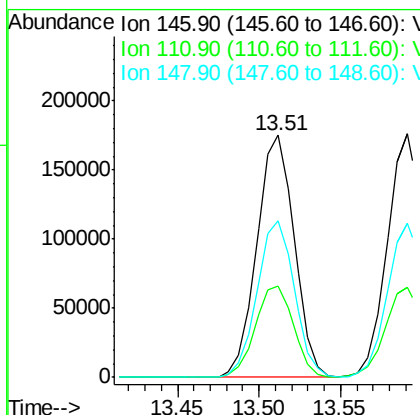
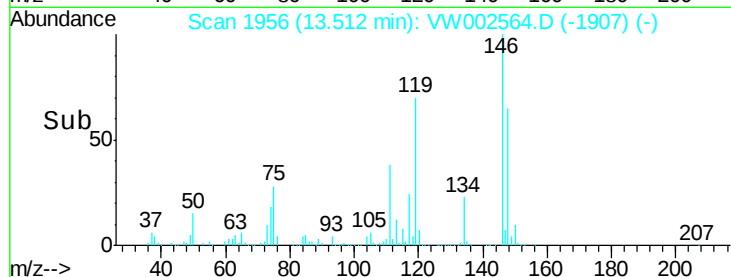
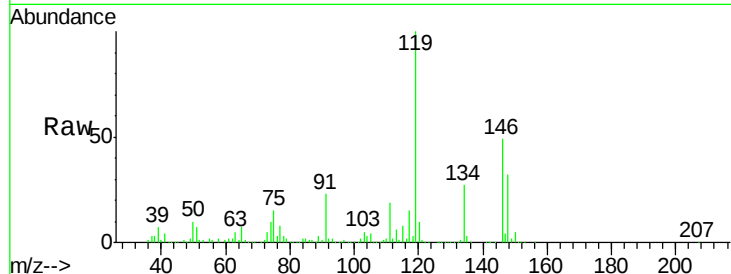
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	279836
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.6	58.7
148	64.4	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 51.76 ug/l

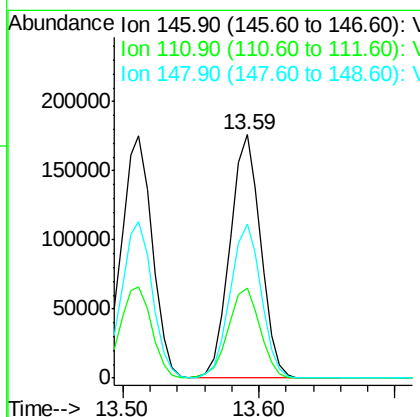
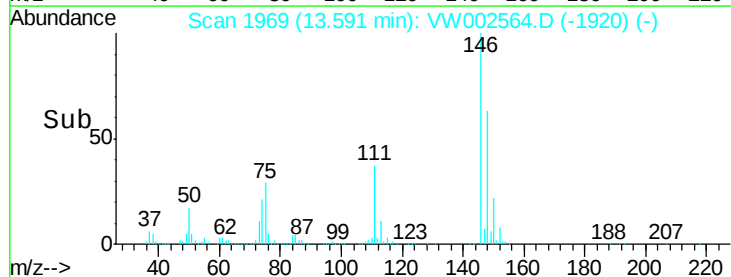
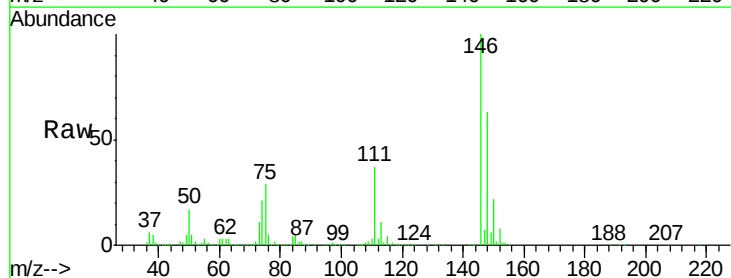
RT: 13.59 min Scan# 1969

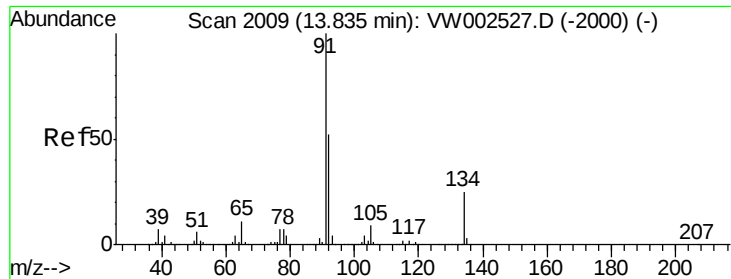
Delta R.T. -0.00 min

Lab File: VW002564.D

Acq: 15 May 2018 21:10

Tgt Ion:	146	Resp:	276727
Ion Ratio	Lower	Upper	
146	100		
111	38.1	18.9	56.5
148	63.9	32.4	97.0





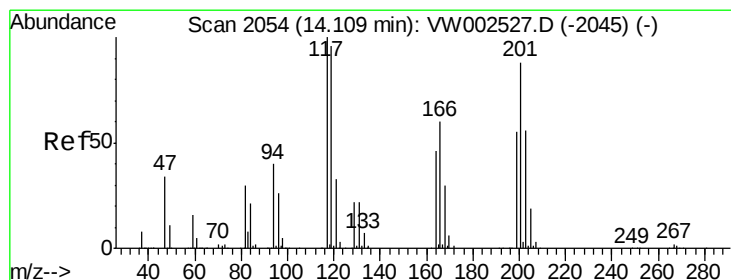
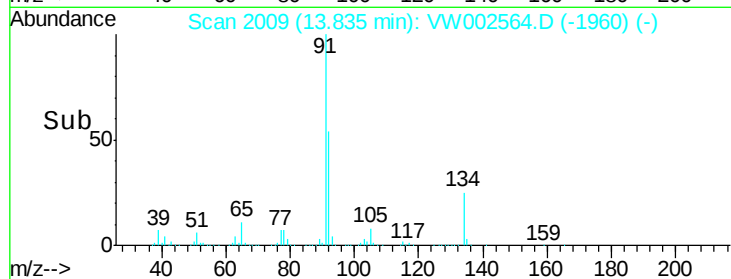
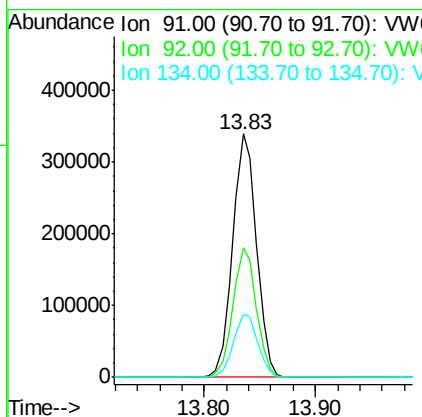
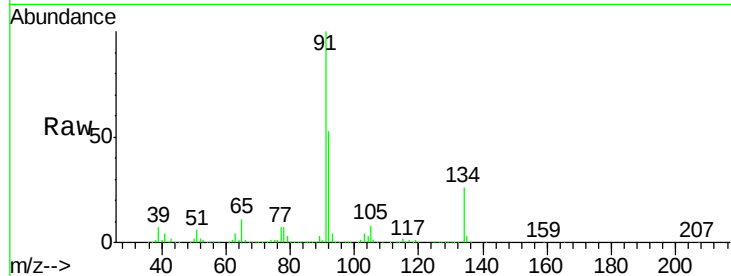
#89
n-Butylbenzene
Concen: 53.36 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.1	78.2	
134	26.4	13.1	39.1	

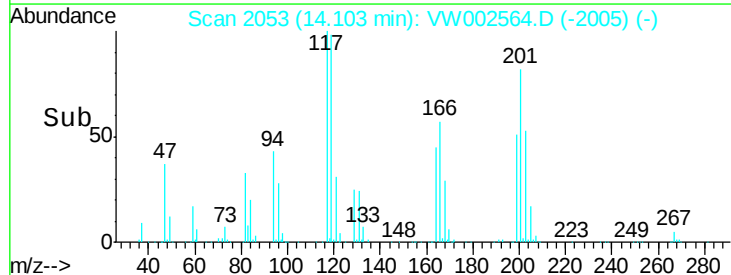
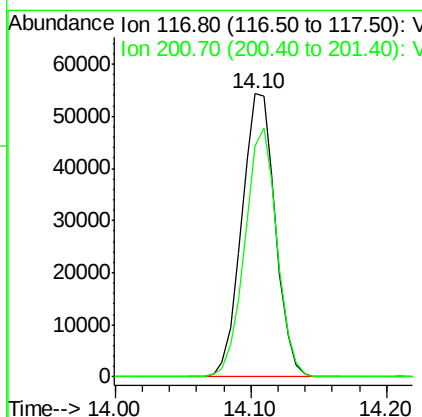
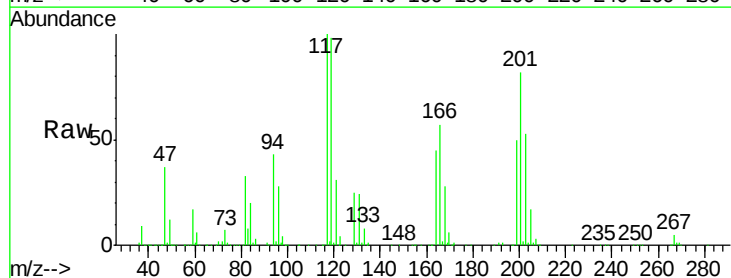
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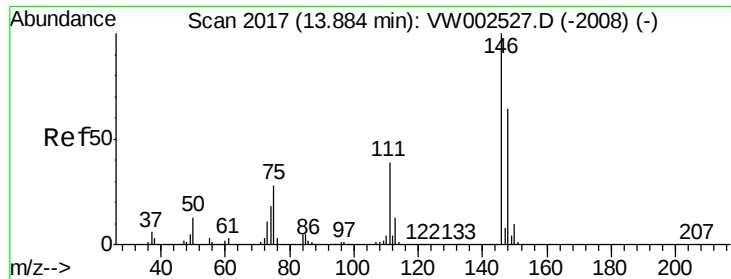
apatel
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#90
Hexachloroethane
Concen: 52.82 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.0	42.0	126.0	





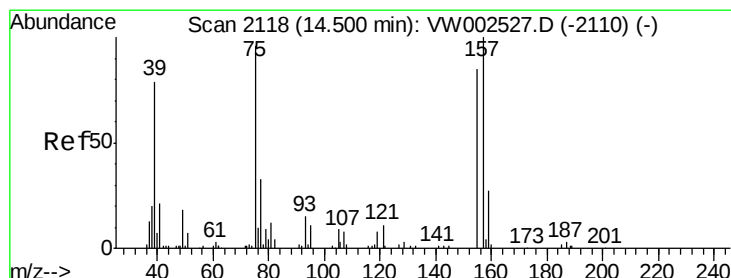
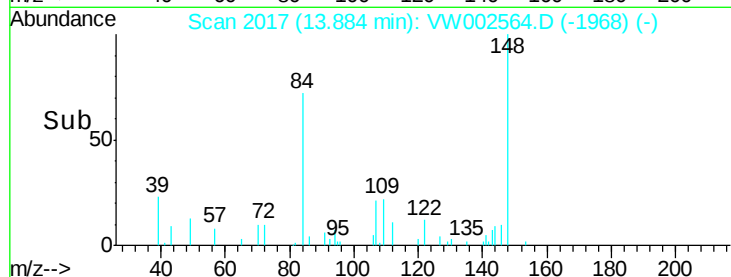
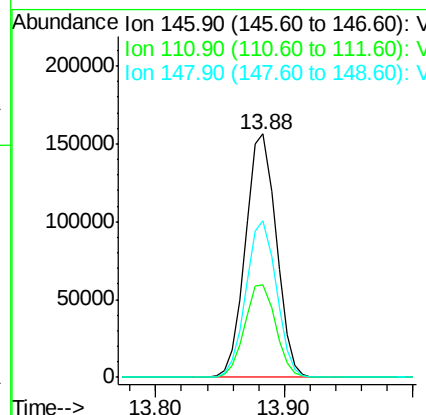
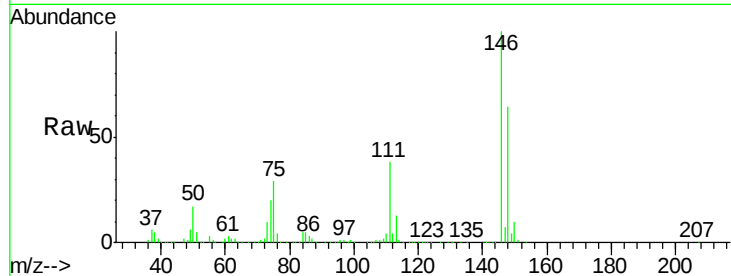
#91
 1,2-Dichlorobenzene
 Concen: 52.91 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.6
148	63.4	32.1	96.3

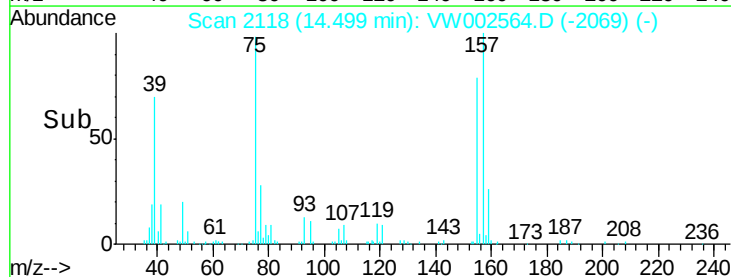
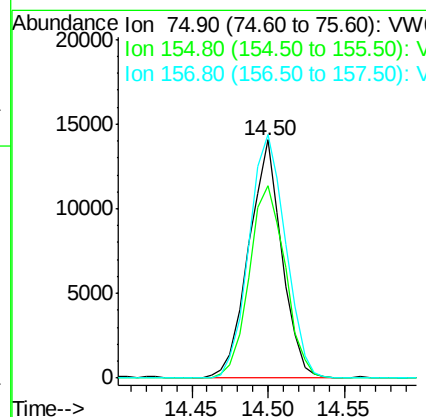
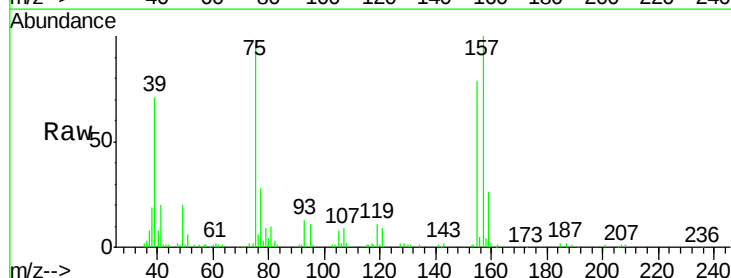
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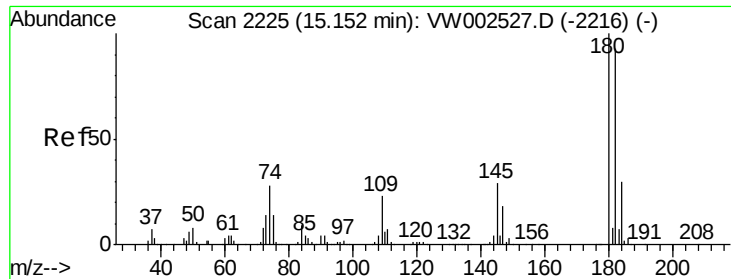
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.81 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	42.8	128.4
157	112.9	57.4	172.0





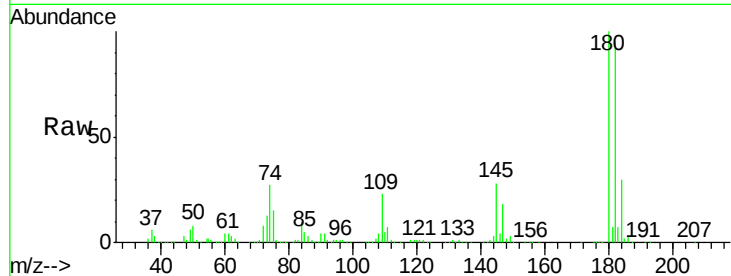
#93
 1,2,4-Trichlorobenzene
 Concen: 53.19 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

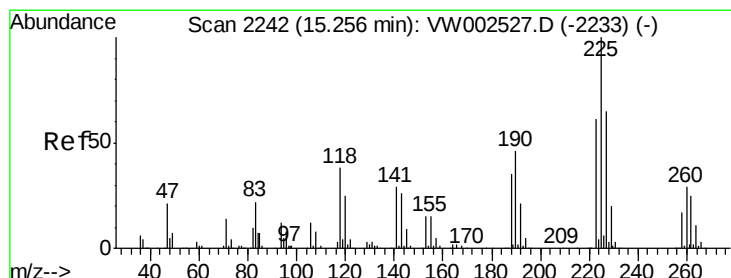
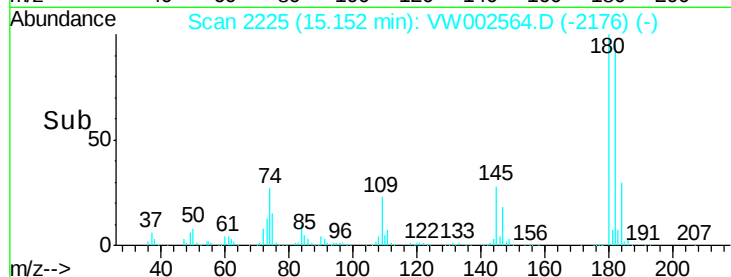
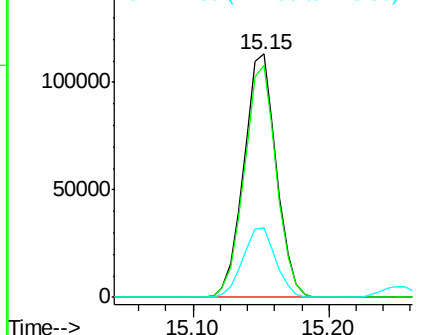
Tot Ion	Ratio	Resp	Lower	Upper
180	100	188780		
182	94.6	47.2	141.6	
145	29.0	14.9	44.9	

Manual Integrations
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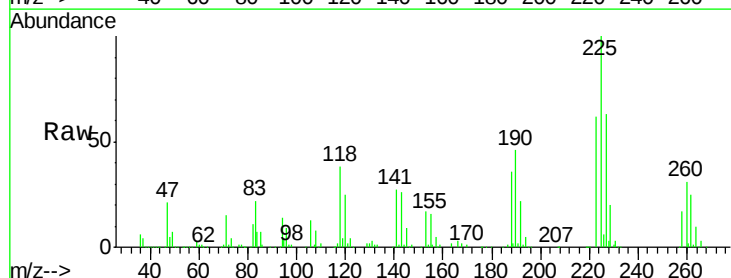


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

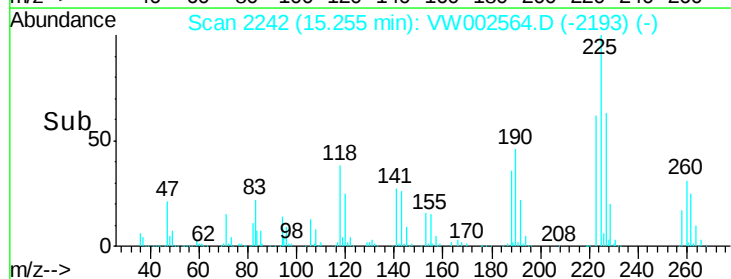
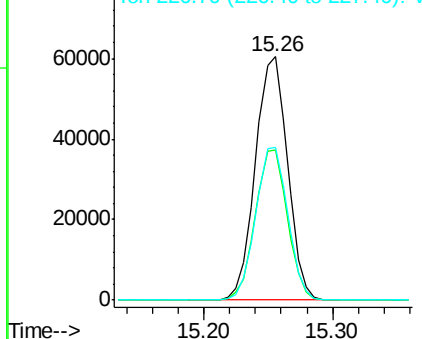


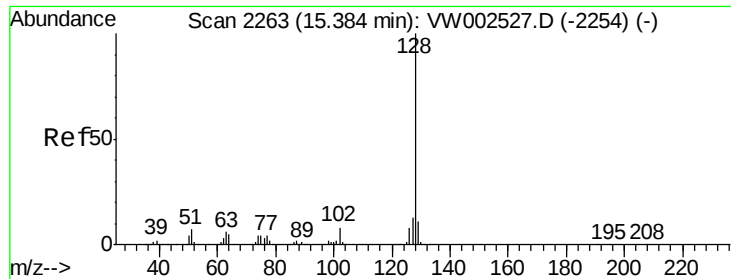
#94
 Hexachlorobutadiene
 Concen: 52.67 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VW002564.D
 Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104025		
223	61.5	31.3	93.9	
227	62.7	31.9	95.5	



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





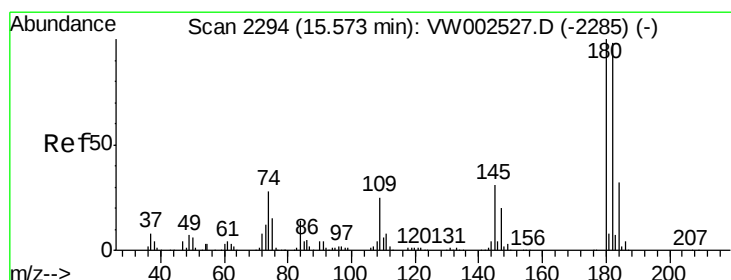
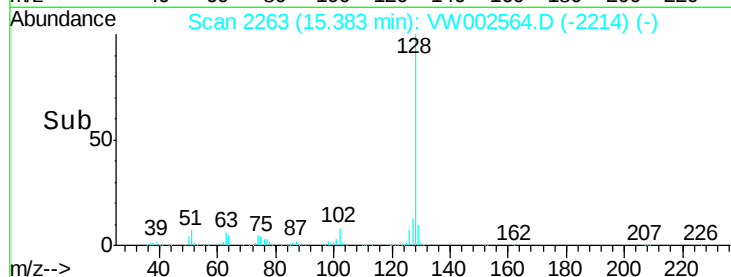
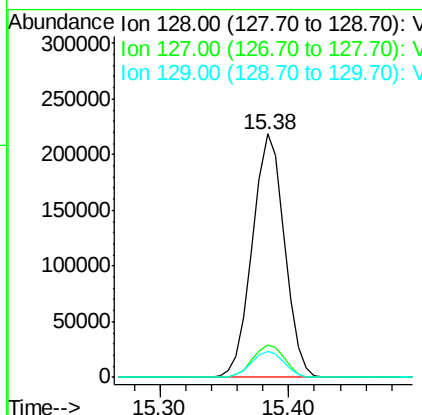
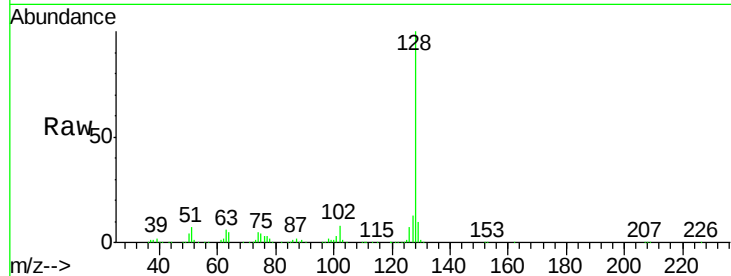
#95
Naphthalene
Concen: 58.18 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.04 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002564.D
Acq: 15 May 2018 21:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	31.0	15.5	46.5

