

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002524.D
 Acq On : 14 May 2018 20:51
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 5/15/2018 5:56:17 PM

Quant Time: May 15 03:10:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	11610	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
35) Dibromofluoromethane	7.88	113	10989	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
50) Toluene-d8	10.33	98	39470	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	
62) 4-Bromofluorobenzene	12.63	95	14782	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4846	5.60	ug/l	86
3) Chloromethane	2.21	50	10129	5.82	ug/l	95
4) Vinyl Chloride	2.35	62	14369	5.03	ug/l	99
5) Bromomethane	2.77	94	11517	4.98	ug/l	97
6) Chloroethane	2.92	64	9441	4.85	ug/l	92
7) Trichlorofluoromethane	3.25	101	6139	5.16	ug/l	89
8) Diethyl Ether	3.67	74	6649	4.96	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.05	101	10552	5.08	ug/l #	40
10) Methyl Iodide	4.26	142	16280	4.87	ug/l	100
11) Tert butyl alcohol	5.18	59	5384	29.63	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	10558	5.15	ug/l	91
13) Acrolein	3.88	56	4717	30.34	ug/l	94
14) Allyl chloride	4.65	41	13752	4.55	ug/l	92
15) Acrylonitrile	5.37	53	12767	24.36	ug/l	98
16) Acetone	4.11	43	14168	29.22	ug/l #	88
17) Carbon Disulfide	4.37	76	29157	4.94	ug/l	96
18) Methyl Acetate	4.67	43	8110	5.59	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	17349	4.77	ug/l #	91
20) Methylene Chloride	4.90	84	14188	6.23	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	11071	4.99	ug/l	98
22) Diisopropyl ether	6.31	45	30826	4.63	ug/l	92
23) Vinyl Acetate	6.25	43	85902	21.47	ug/l	100
24) 1,1-Dichloroethane	6.21	63	19999	4.97	ug/l	96
25) 2-Butanone	7.17	43	17536	24.50	ug/l	97
26) 2,2-Dichloropropane	7.16	77	12388	6.07	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	12361	4.93	ug/l	97
28) Bromochloromethane	7.51	49	8762	4.79	ug/l	98
29) Tetrahydrofuran	7.53	42	10865	23.26	ug/l	96
30) Chloroform	7.67	83	21823	5.17	ug/l	98
31) Cyclohexane	7.95	56	20981	5.86	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	15863	4.98	ug/l	99
36) 1,1-Dichloropropene	8.08	75	16385	5.23	ug/l	99
37) Ethyl Acetate	7.26	43	7142	4.63	ug/l #	96
38) Carbon Tetrachloride	8.06	117	14728	4.84	ug/l	89

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002524.D
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17980	4.93	ug/l	93
40) Benzene	8.32	78	45713	5.02	ug/l	97
41) Methacrylonitrile	7.49	41	4060	4.69	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14486	5.07	ug/l	98
43) Isopropyl Acetate	8.43	43	14275	4.88	ug/l	96
44) Trichloroethene	9.09	130	12389	4.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	11366	4.95	ug/l	93
46) Dibromomethane	9.46	93	6544	5.09	ug/l	95
47) Bromodichloromethane	9.65	83	14635	4.83	ug/l	93
48) Methyl methacrylate	9.44	41	6238	4.40	ug/l	98
49) 1,4-Dioxane	9.46	88	2209	106.40	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	37125	22.93	ug/l	99
52) Toluene	10.39	92	27565	4.76	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	14029	4.67	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	15811	4.63	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9237	5.09	ug/l	91
56) Ethyl methacrylate	10.65	69	9384	4.18	ug/l	95
57) 1,3-Dichloropropane	10.94	76	14745	4.79	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.93	63	23455	21.49	ug/l	98
59) 2-Hexanone	10.98	43	24362	21.96	ug/l	97
60) Dibromochloromethane	11.13	129	10258	4.79	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8843	5.00	ug/l	99
64) Tetrachloroethene	10.87	164	12152	4.93	ug/l	90
65) Chlorobenzene	11.66	112	33774	5.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	11147	4.72	ug/l	98
67) Ethyl Benzene	11.74	91	52526	4.62	ug/l	97
68) m/p-Xylenes	11.85	106	40675	9.27	ug/l	96
69) o-Xylene	12.18	106	18894	4.53	ug/l	99
70) Styrene	12.19	104	30541	4.41	ug/l	99
71) Bromoform	12.36	173	6330	4.64	ug/l #	99
73) Isopropylbenzene	12.48	105	50304	4.41	ug/l	97
74) N-amyl acetate	12.28	43	11790	4.10	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	11052	4.96	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8304m	5.10	ug/l	
77) Bromobenzene	12.76	156	13976	4.86	ug/l	94
78) n-propylbenzene	12.82	91	61528	4.55	ug/l	100
79) 2-Chlorotoluene	12.90	91	35171	4.53	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	43219	4.50	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2757	4.60	ug/l	97
82) 4-Chlorotoluene	13.00	91	38819	4.69	ug/l	99
83) tert-Butylbenzene	13.22	119	36999	4.49	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	43669	4.39	ug/l	96
85) sec-Butylbenzene	13.40	105	54965	4.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	47383	4.48	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	28523	5.01	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	28625	5.03	ug/l	93
89) n-Butylbenzene	13.84	91	46566	4.70	ug/l	97
90) Hexachloroethane	14.10	117	9117	4.82	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	25808	4.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2100	5.45	ug/l	82

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

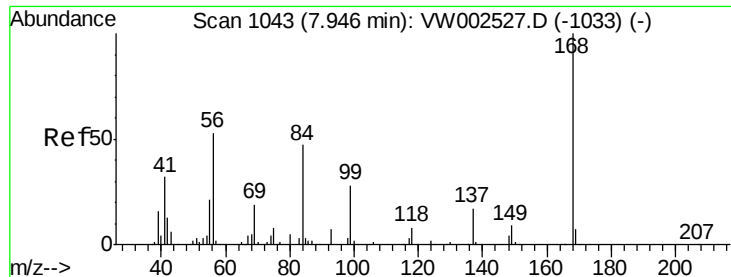
Manual Integrations
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5/15/2018 5:56:17 PM

Quant Time: May 15 03:10:27 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18819	5.06	ug/l	99
94) Hexachlorobutadiene	15.26	225	10906	5.27	ug/l	98
95) Naphthalene	15.38	128	30573	4.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	16776	5.03	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 230476

Ion Ratio Lower Upper

168 100

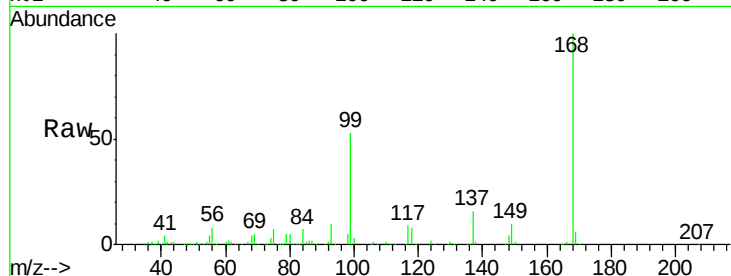
99 52.9 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

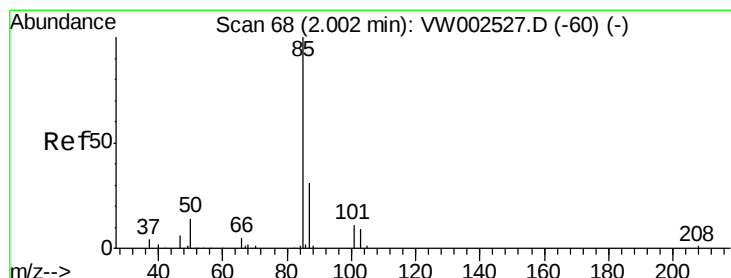
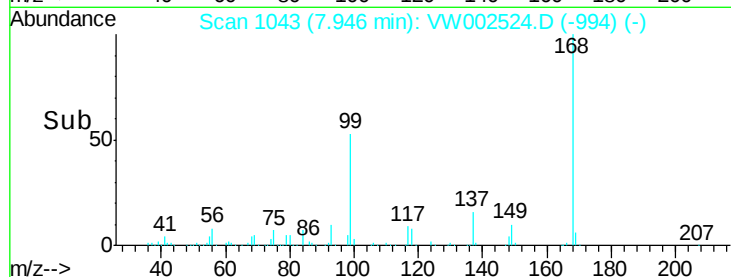
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 5.60 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002524.D

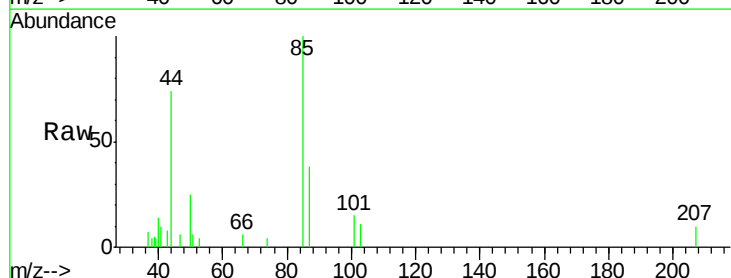
Acq: 14 May 2018 20:51

Tgt Ion: 85 Resp: 4846

Ion Ratio Lower Upper

85 100

87 38.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

1500

1000

500

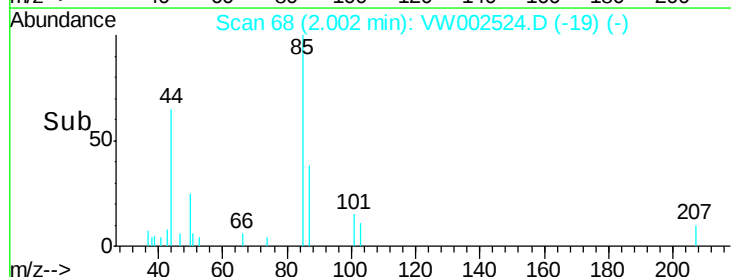
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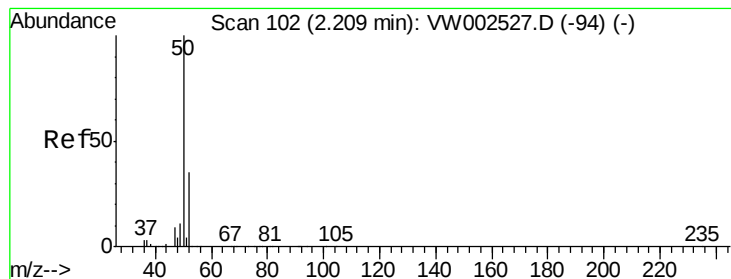
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 5.82 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10129

Ion Ratio Lower Upper

50 100

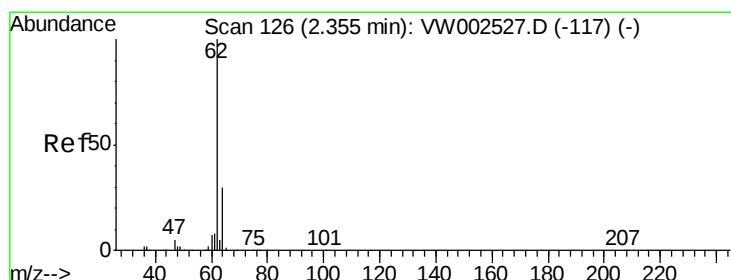
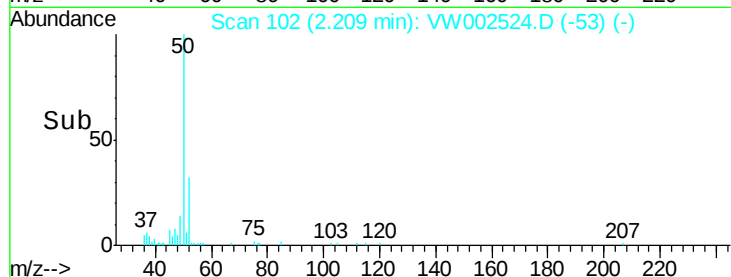
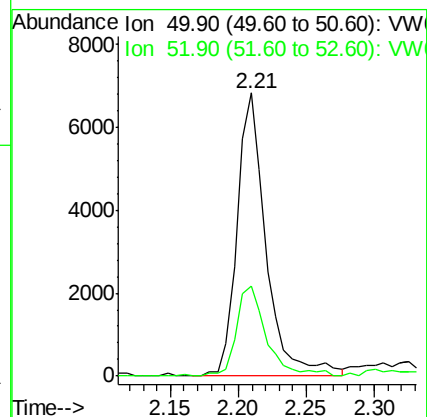
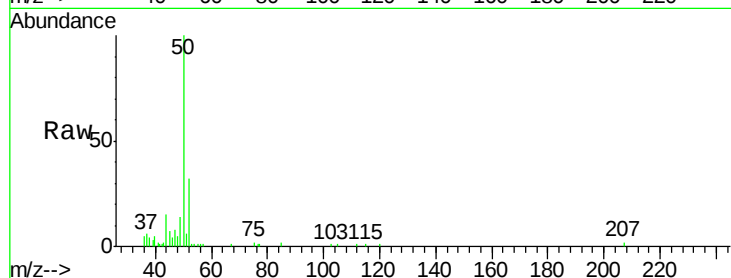
52 31.9 27.8 41.8

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#4

Vinyl Chloride

Concen: 5.03 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002524.D

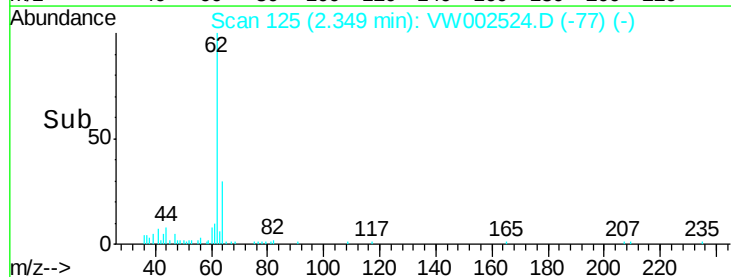
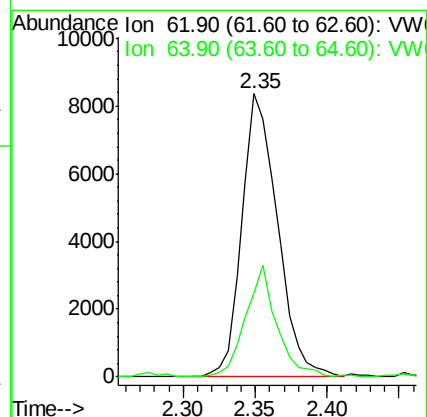
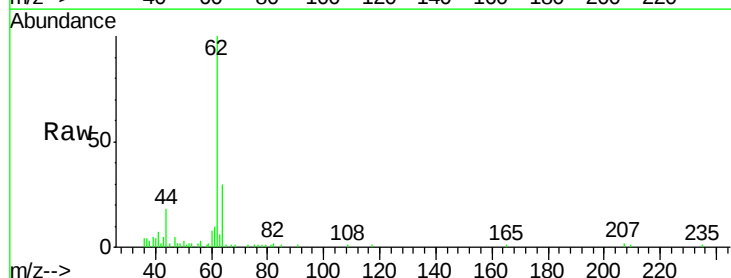
Acq: 14 May 2018 20:51

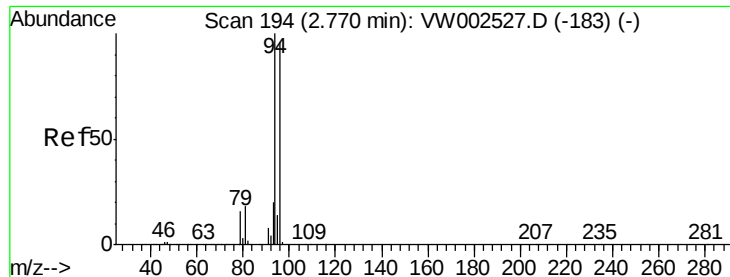
Tgt Ion: 62 Resp: 14369

Ion Ratio Lower Upper

62 100

64 29.5 24.0 36.0





#5

Bromomethane

Concen: 4.98 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11517

Ion Ratio Lower Upper

94 100

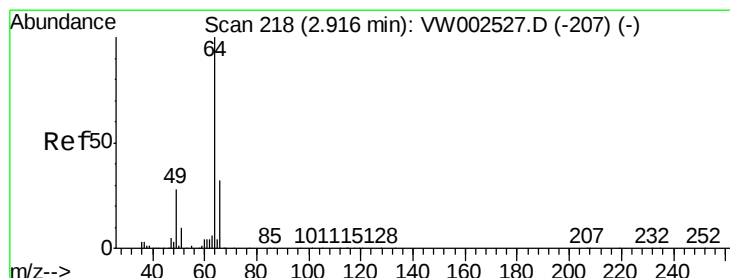
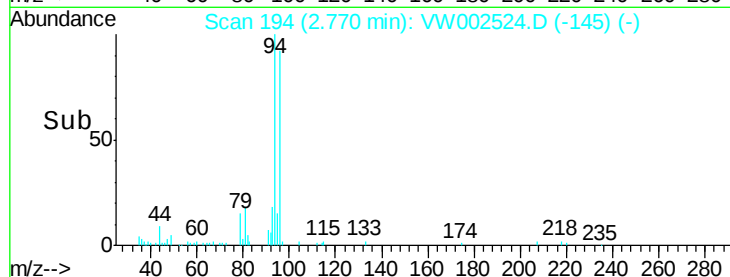
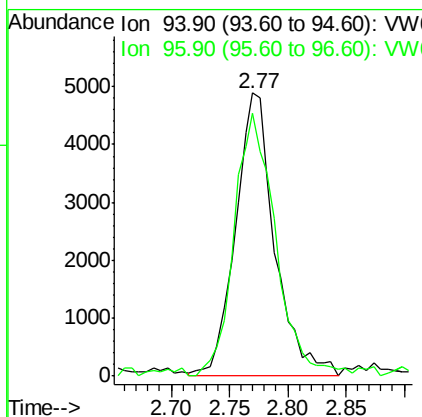
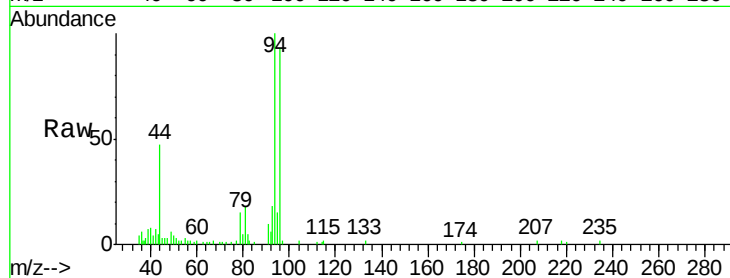
96 92.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 4.85 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW002524.D

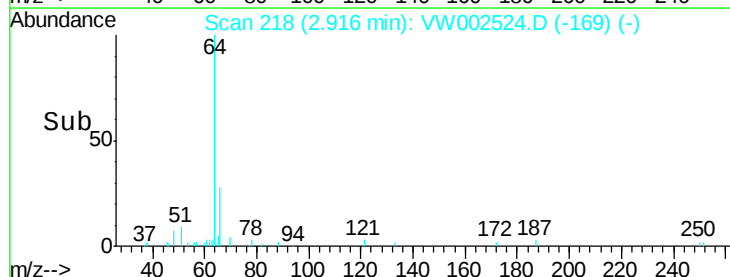
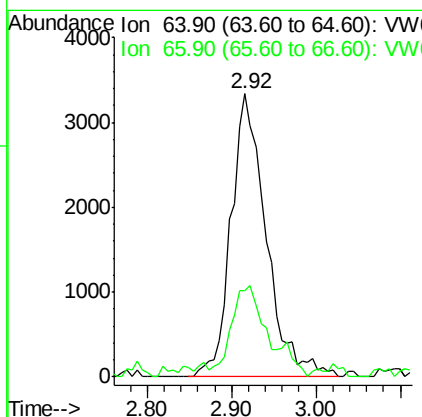
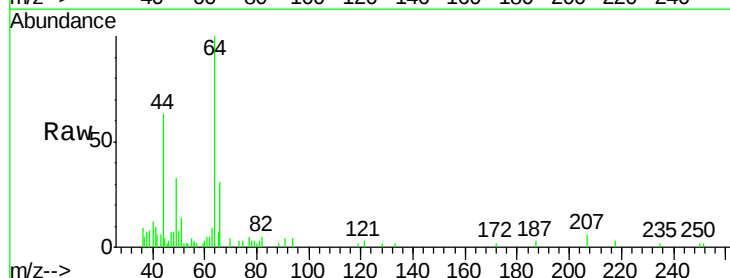
Acq: 14 May 2018 20:51

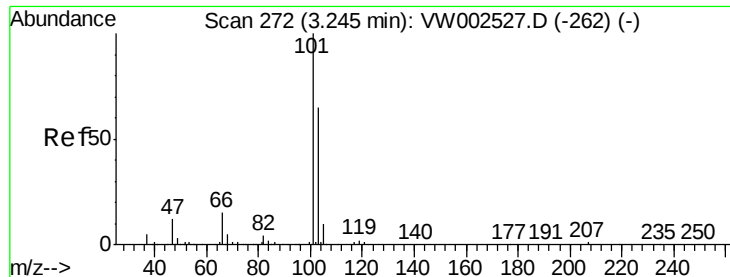
Tgt Ion: 64 Resp: 9441

Ion Ratio Lower Upper

64 100

66 27.7 25.8 38.8





#7

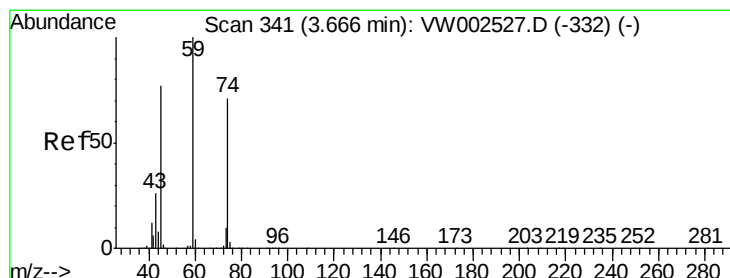
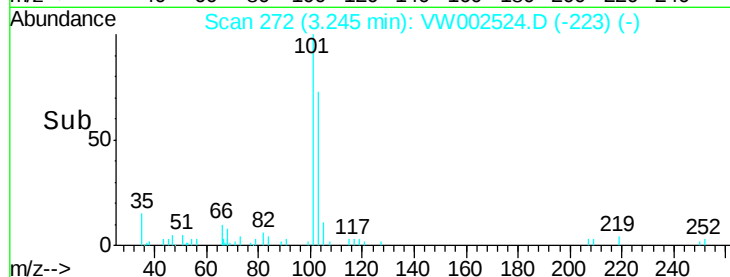
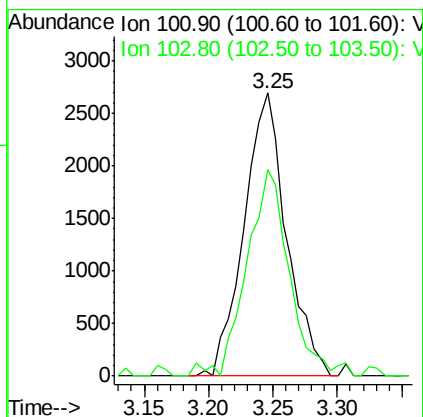
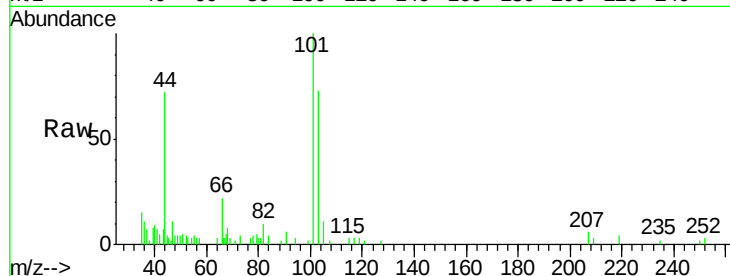
Trichlorofluoromethane
 Concen: 5.16 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	73.1	51.8	77.8

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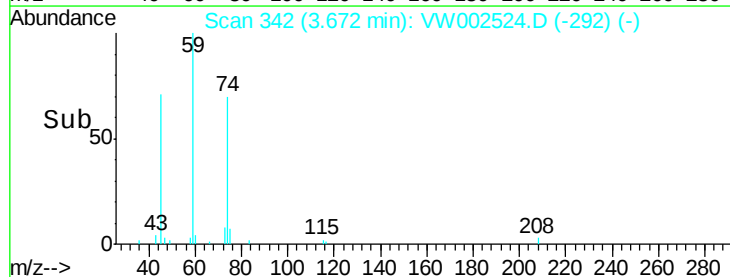
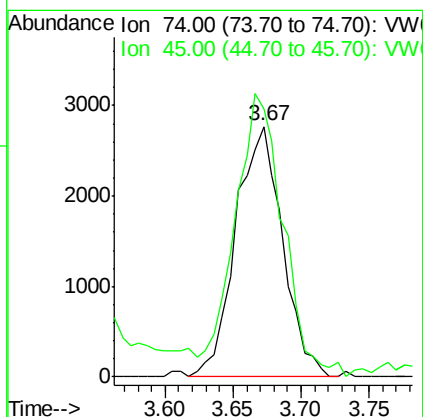
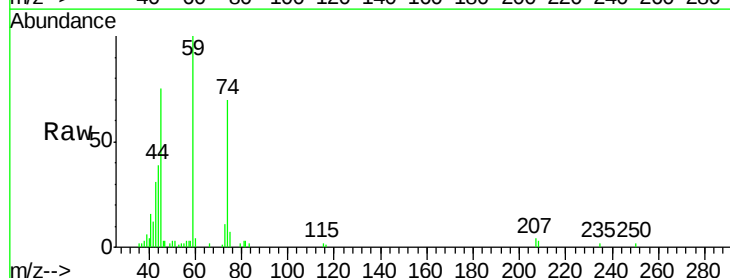
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 5/15/2018 5:56:17 PM

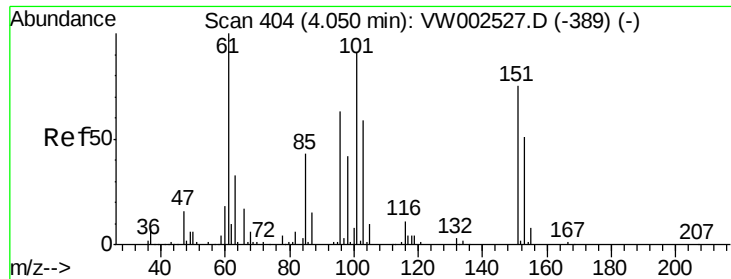


#8

Diethyl Ether
 Concen: 4.96 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	116.9	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.08 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

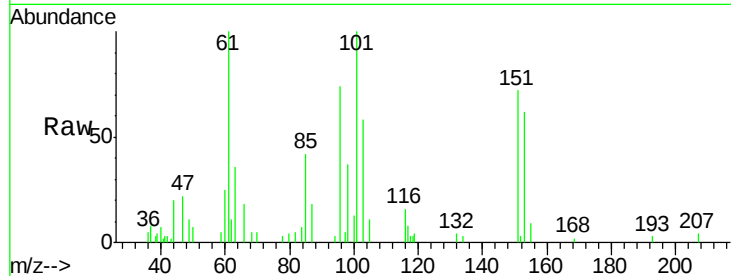
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.6	36.5	54.7
151	0.0	66.7	100.1

Manual Integrations
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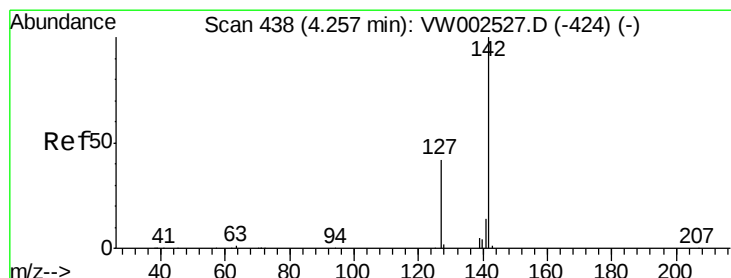
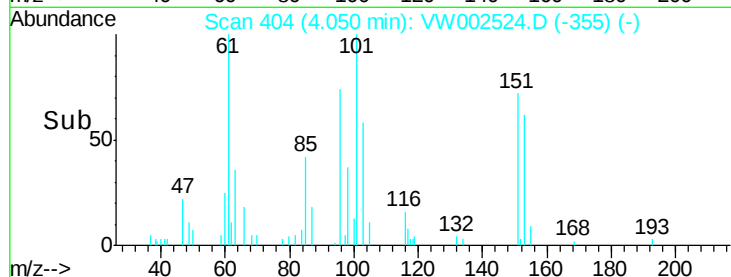
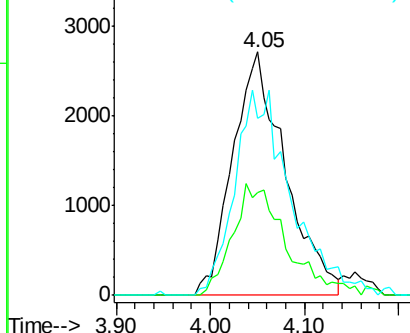
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.87 ug/l

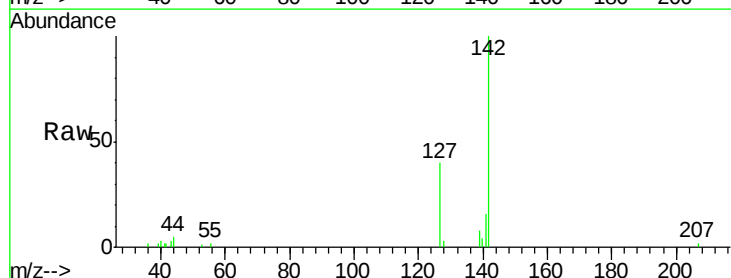
RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

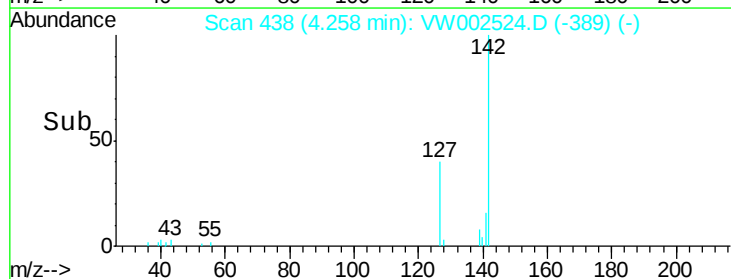
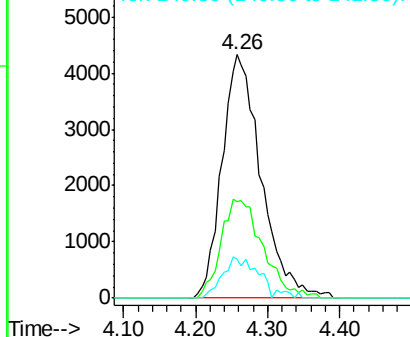
Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.6	52.0
141	14.8	11.8	17.8

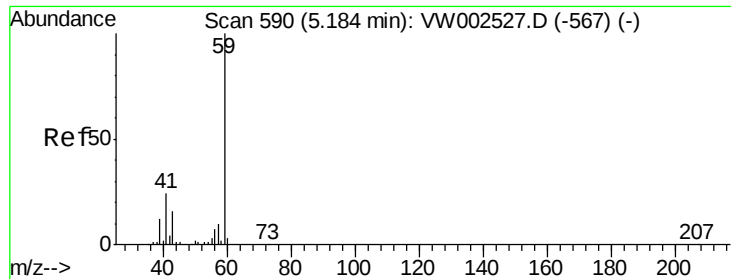


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

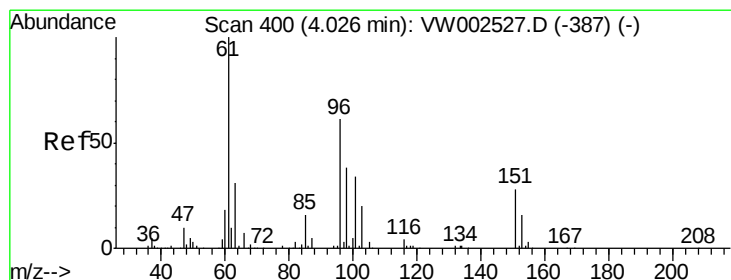
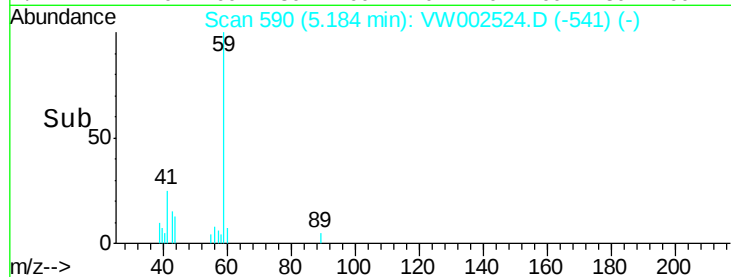
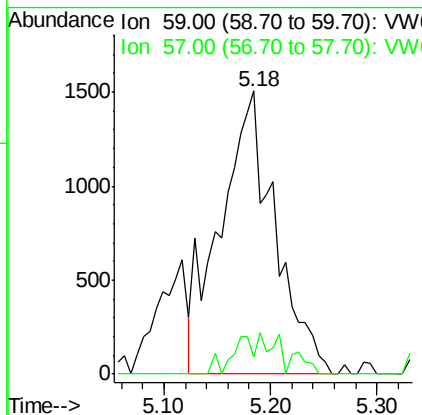
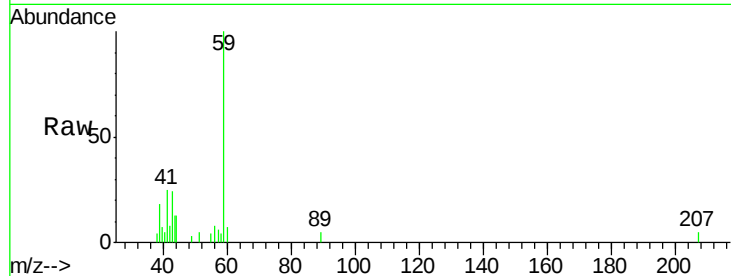
Tert butyl alcohol
Concen: 29.63 ug/l
RT: 5.18 min Scan# 590
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.2	12.4#

Manual Integrations
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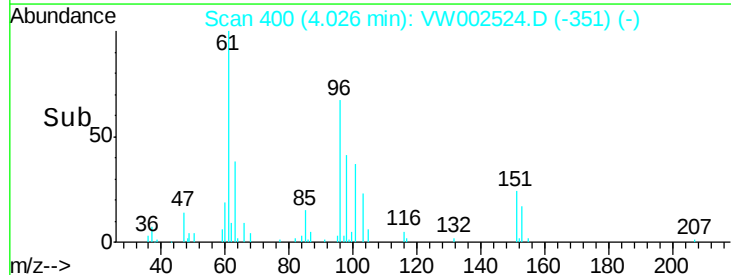
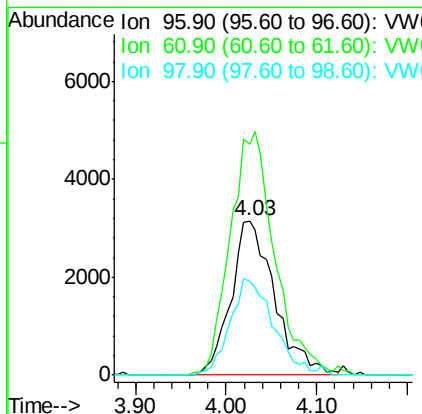
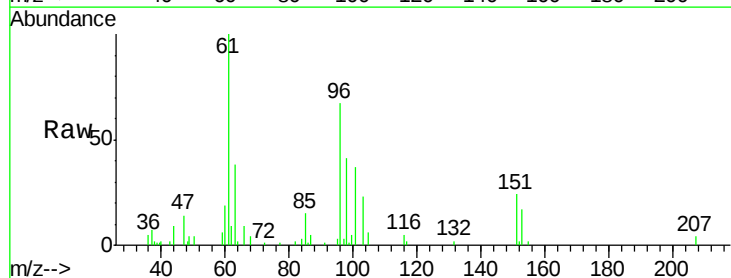
apatel
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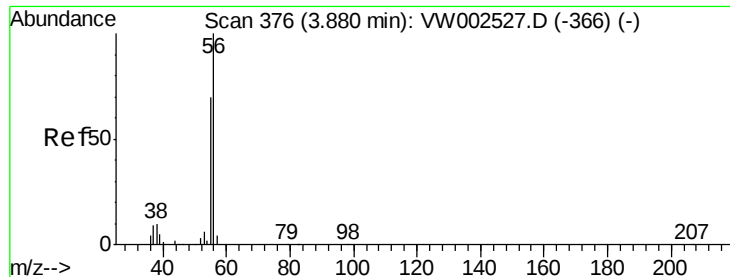


#12

1,1-Dichloroethene
Concen: 5.15 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	132.2	198.2
98	60.6	50.6	76.0





#13

Acrolein

Concen: 30.34 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 4717

Ion Ratio Lower Upper

56 100

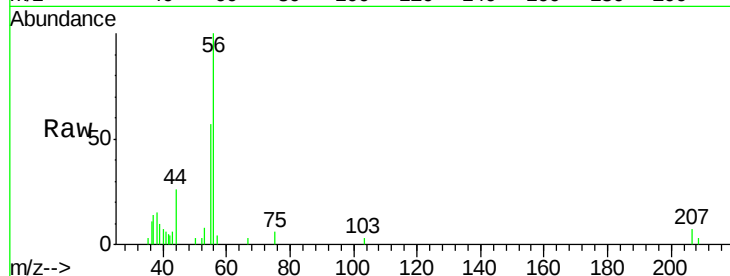
55 76.0 57.0 85.4

Manual Integrations

APPROVED

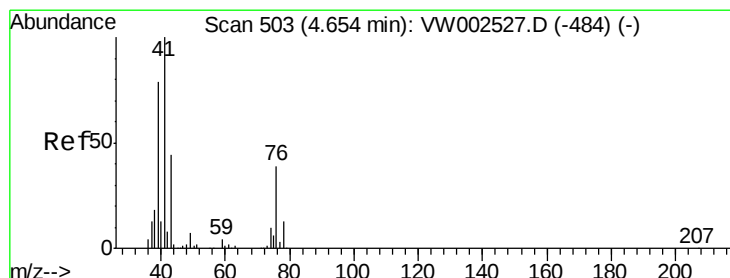
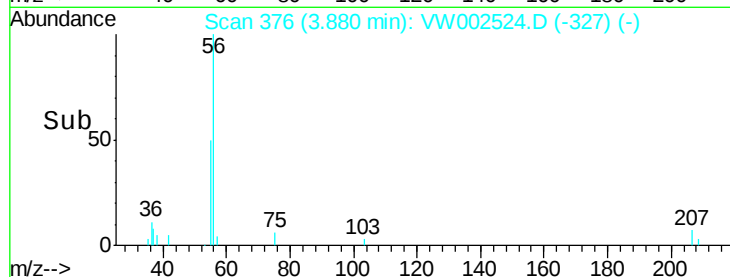
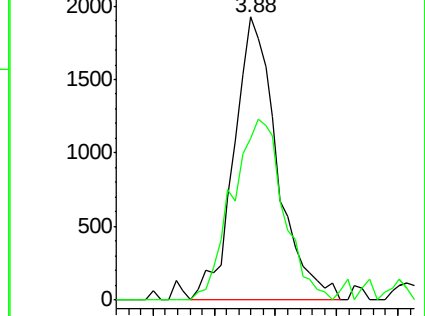
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.55 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

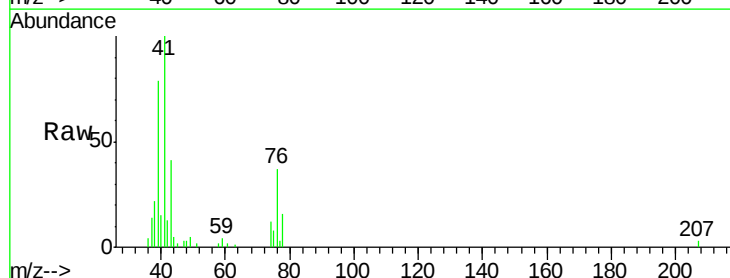
Tgt Ion: 41 Resp: 13752

Ion Ratio Lower Upper

41 100

39 85.2 61.4 92.2

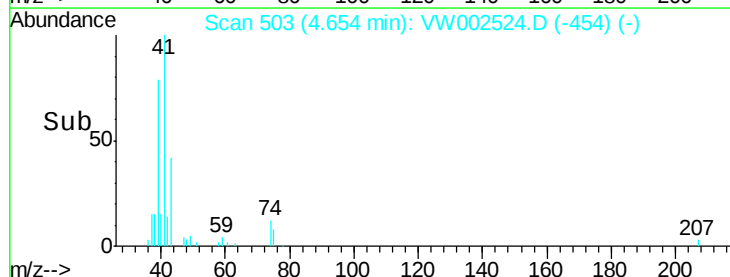
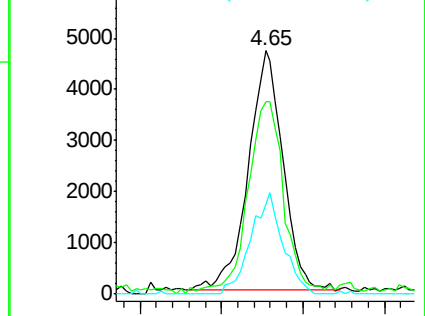
76 39.4 29.6 44.4

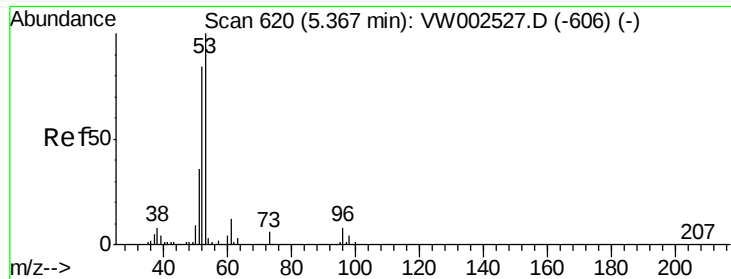


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 24.36 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

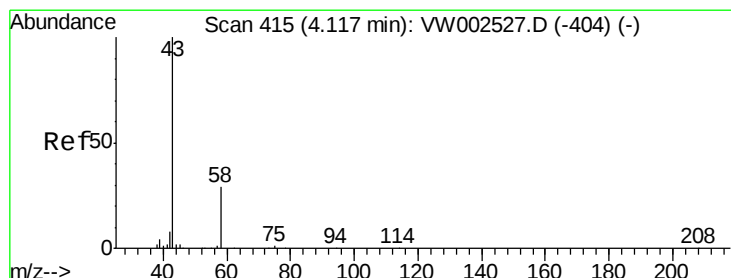
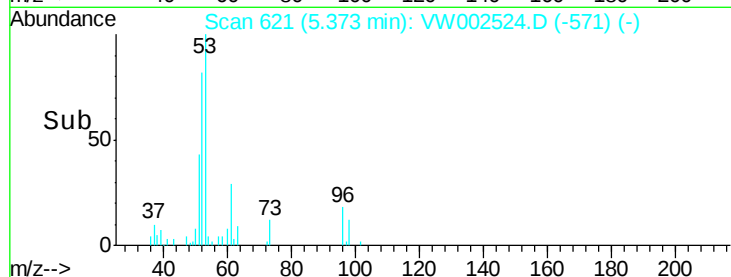
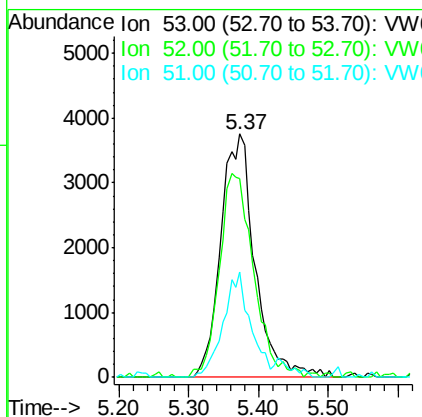
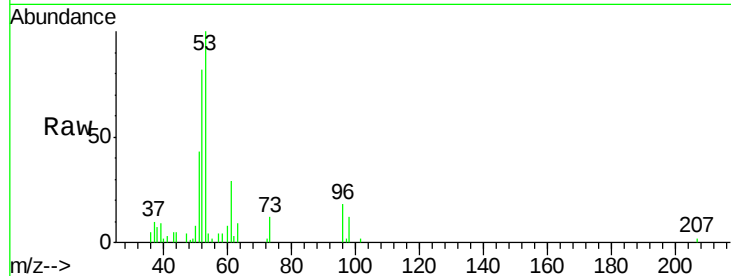
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	12767
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	100.0
51	34.3	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 29.22 ug/l

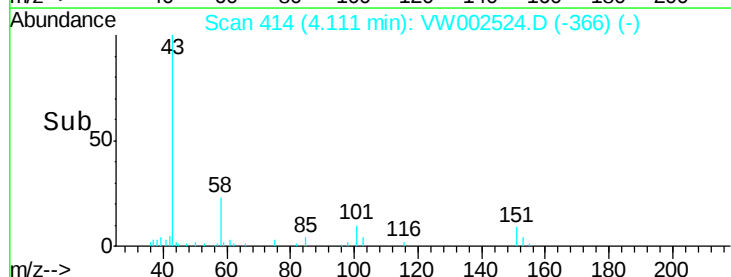
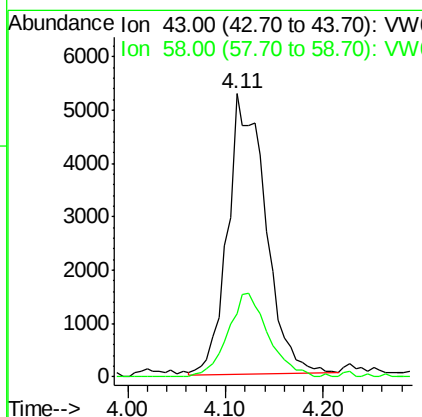
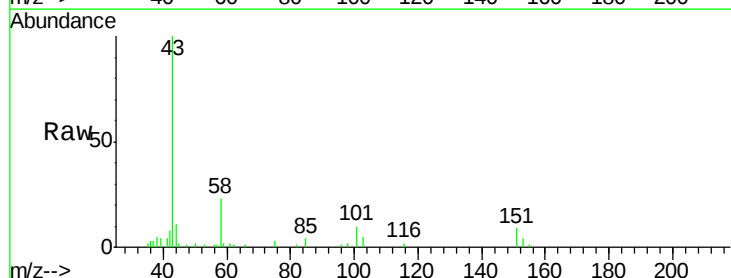
RT: 4.11 min Scan# 414

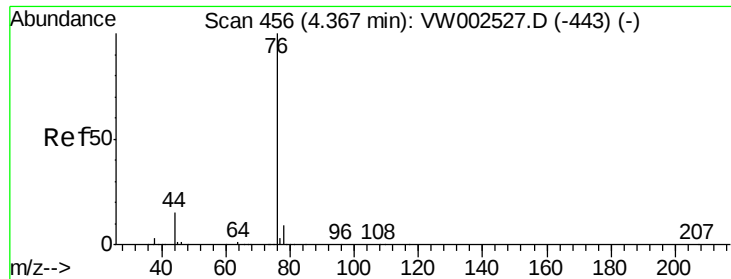
Delta R.T. -0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	43	Resp:	14168
Ion	Ratio	Lower	Upper
43	100		
58	22.9	23.4	35.0#





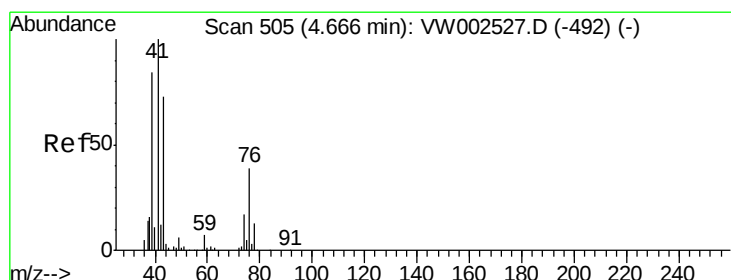
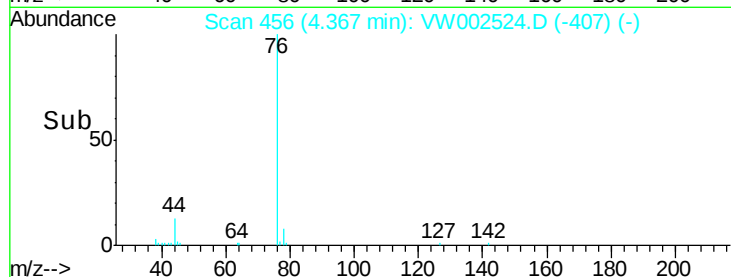
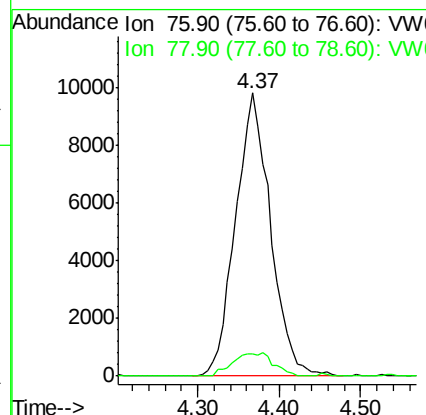
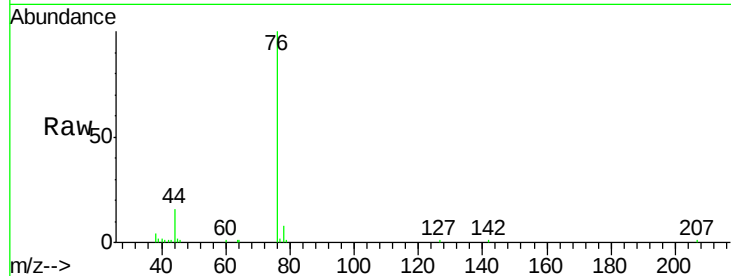
#17
Carbon Disulfide
Concen: 4.94 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.5	11.3

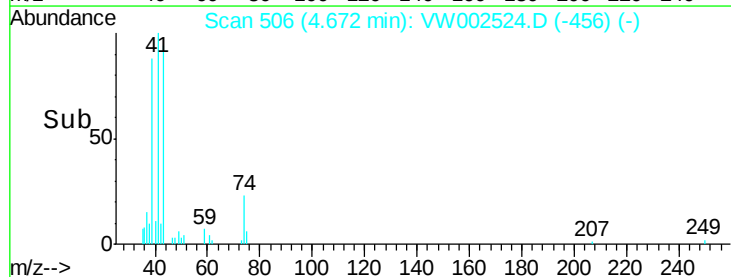
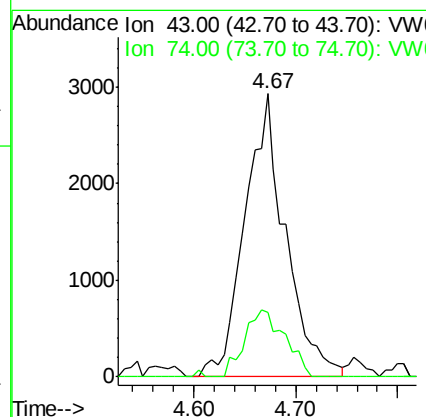
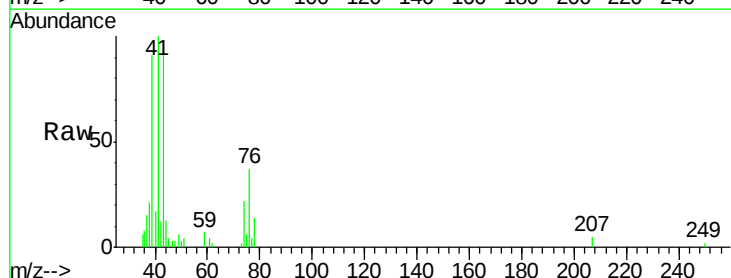
Manual Integrations
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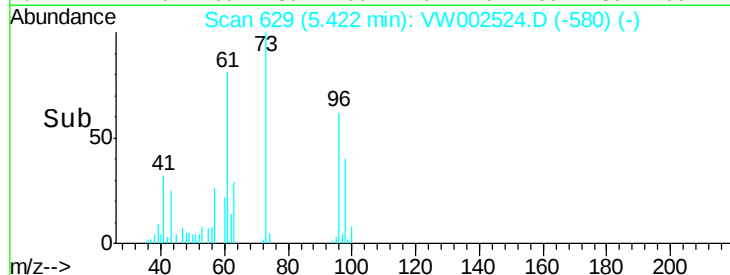
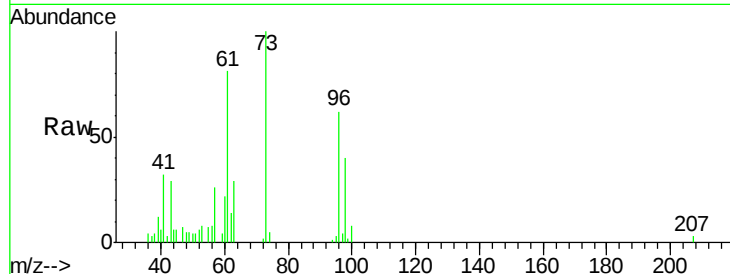
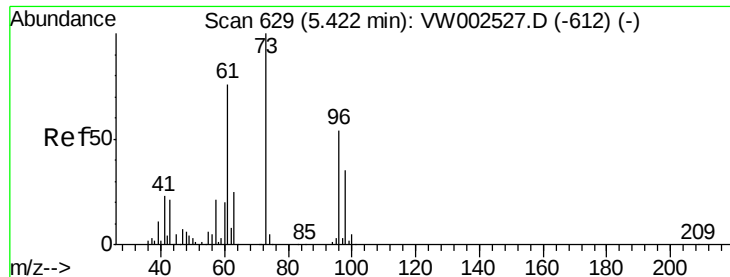
apatel
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#18
Methyl Acetate
Concen: 5.59 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.2	28.8





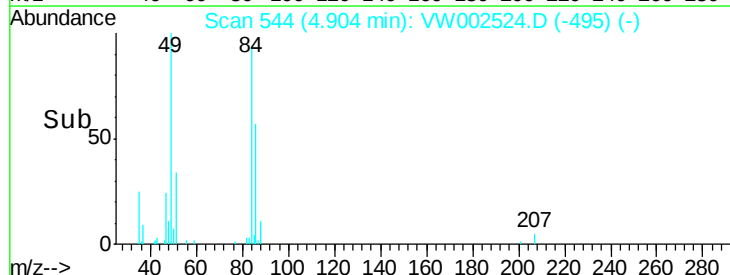
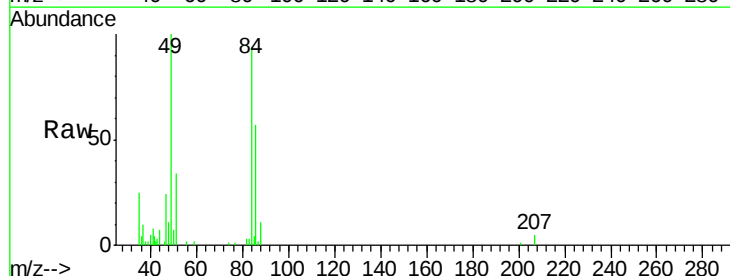
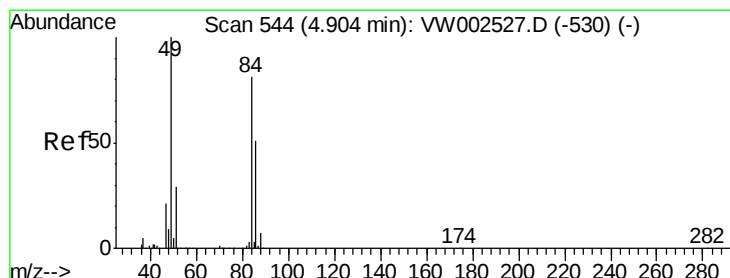
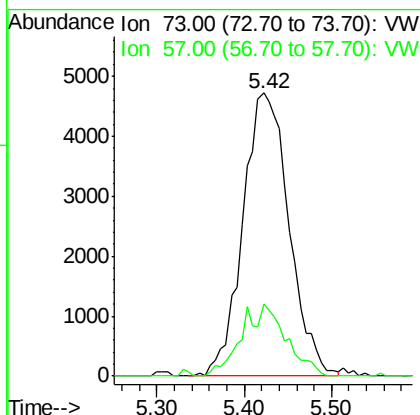
#19
Methvl tert-butvl Ether
Concen: 4.77 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tot Ion: 73 Resp: 17349
Ion Ratio Lower Upper
73 100
57 25.7 17.0 25.6#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

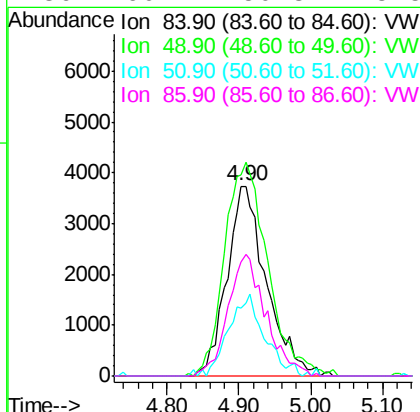
Manual Integrations
APPROVED

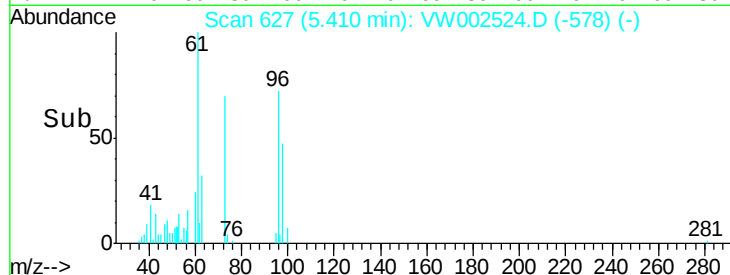
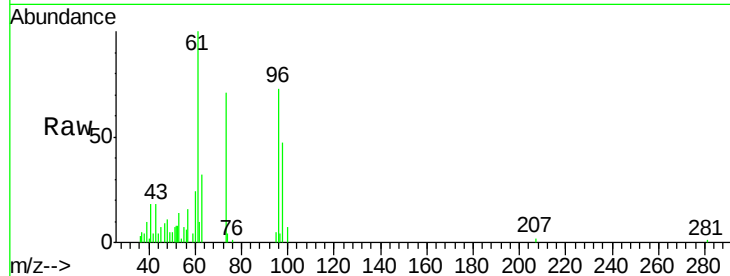
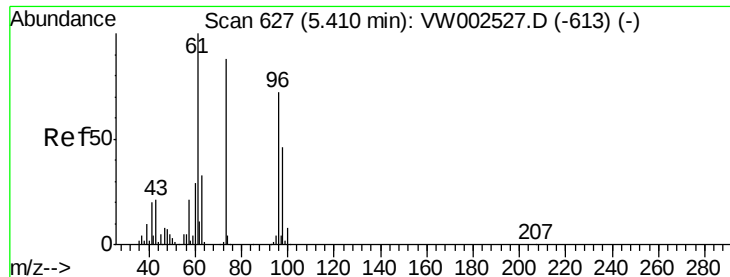
apatel
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#20
Methylene Chloride
Concen: 6.23 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion: 84 Resp: 14188
Ion Ratio Lower Upper
84 100
49 106.3 99.4 149.0
51 35.8 29.0 43.6
86 60.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 4.99 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002524.D

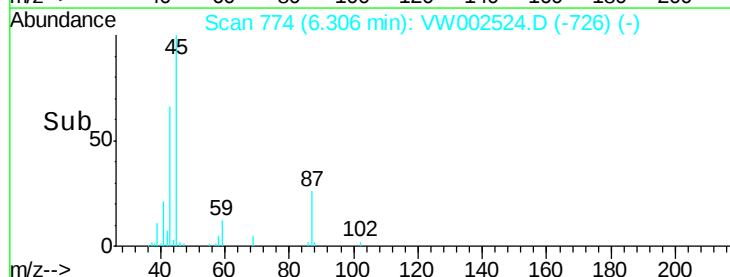
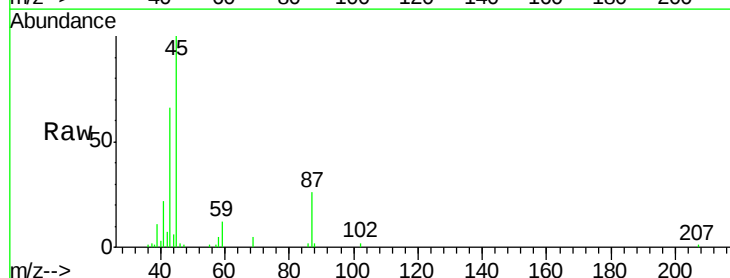
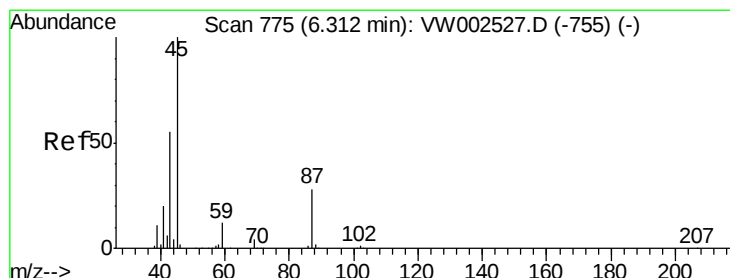
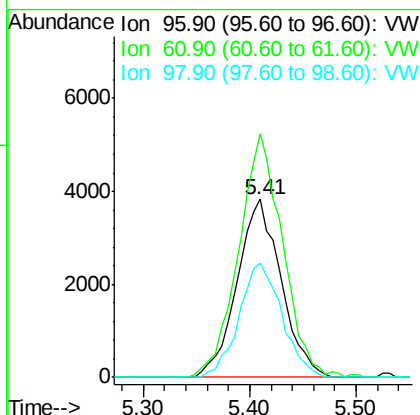
Acq: 14 May 2018 20:51

Tot Ion:	96	Resp:	11071
Ion	Ratio	Lower	Upper
96	100		
61	136.8	111.6	167.4
98	64.4	51.7	77.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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#22

Diisopropyl ether

Concen: 4.63 ug/l

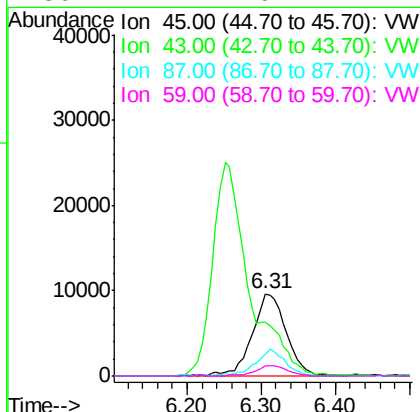
RT: 6.31 min Scan# 774

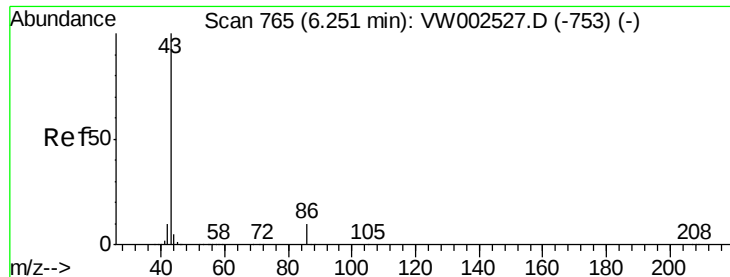
Delta R.T. -0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	45	Resp:	30826
Ion	Ratio	Lower	Upper
45	100		
43	64.0	44.4	66.6
87	26.0	23.0	34.4
59	12.4	9.4	14.2





#23

Vinyl Acetate

Concen: 21.47 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 85902

Ion Ratio Lower Upper

43 100

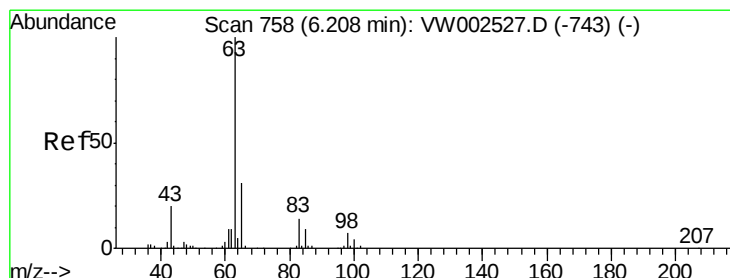
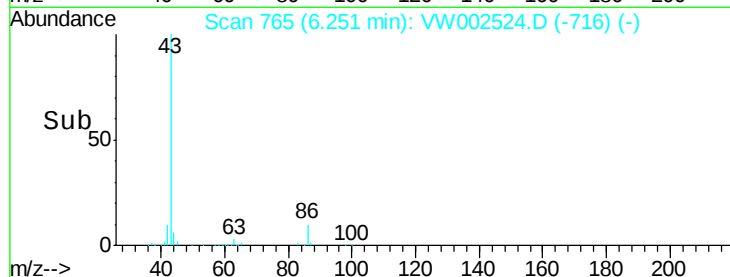
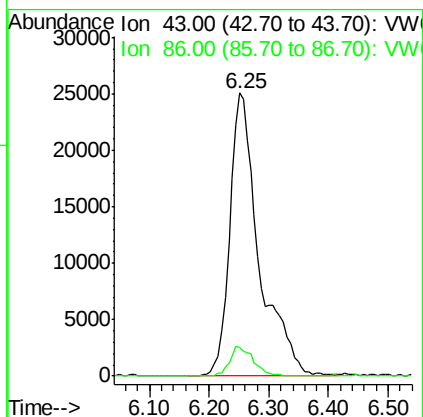
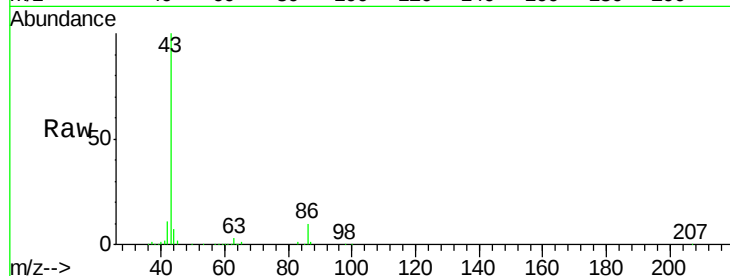
86 10.0 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 4.97 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

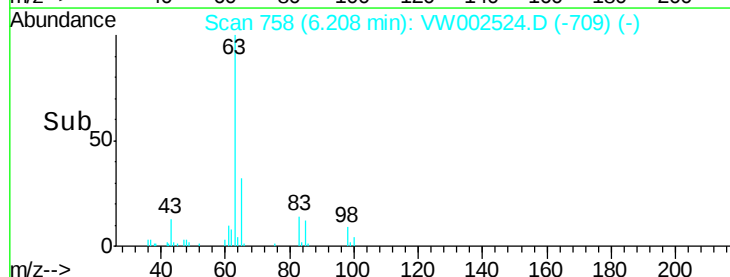
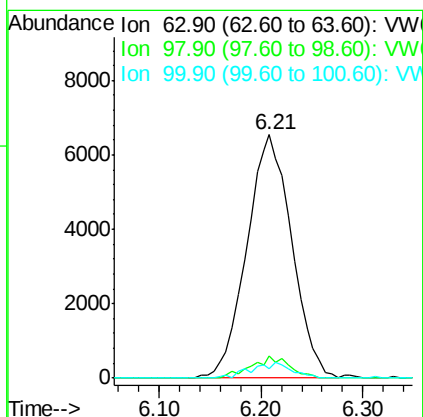
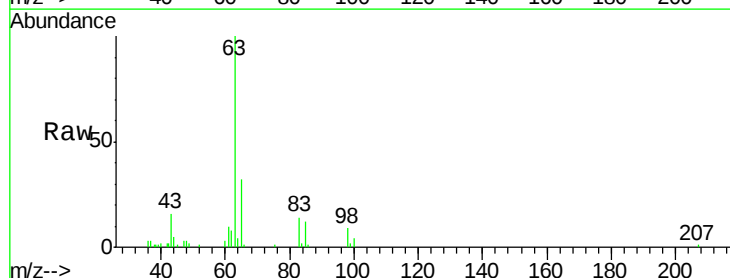
Tgt Ion: 63 Resp: 19999

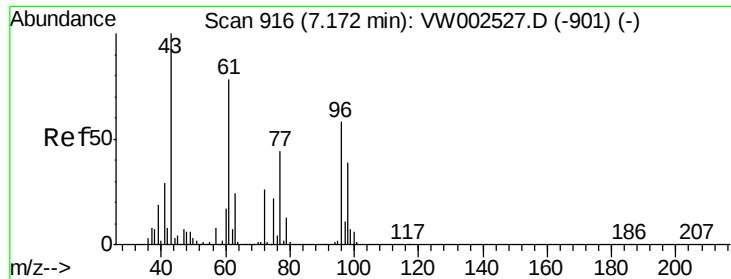
Ion Ratio Lower Upper

63 100

98 9.1 3.6 10.9

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 24.50 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 17536

Ion Ratio Lower Upper

43 100

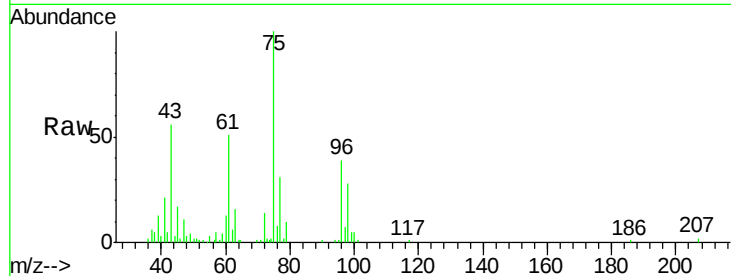
72 24.6 20.9 31.3

Manual Integrations

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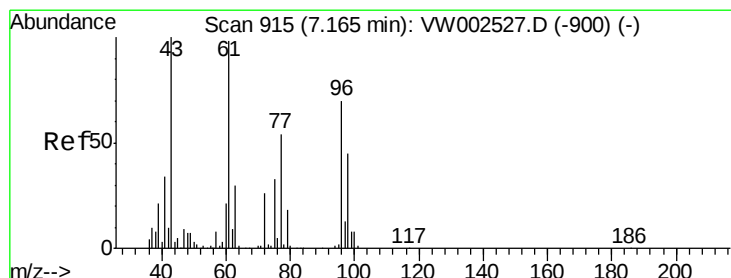
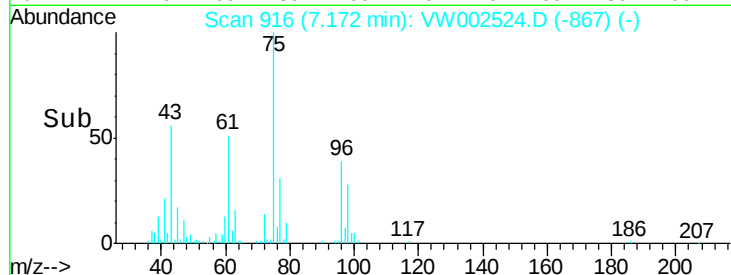
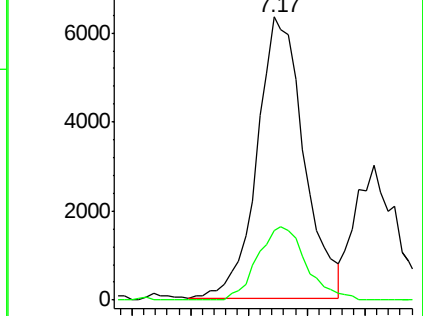
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 6.07 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002524.D

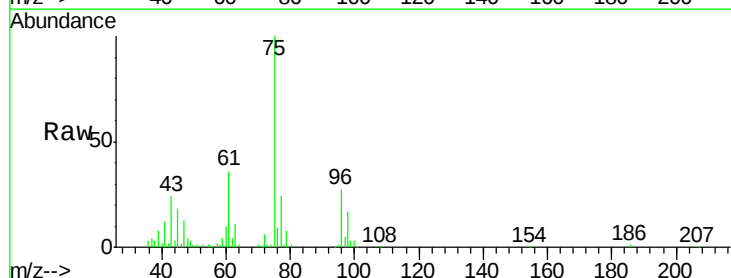
Acq: 14 May 2018 20:51

Tgt Ion: 77 Resp: 12388

Ion Ratio Lower Upper

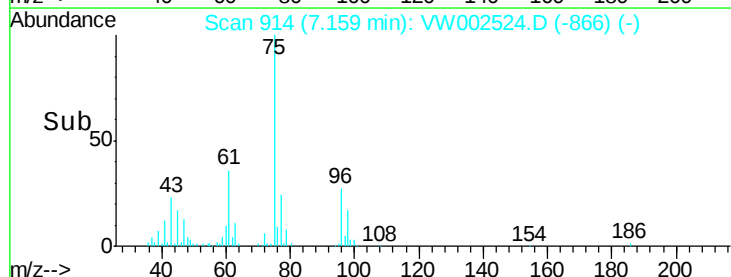
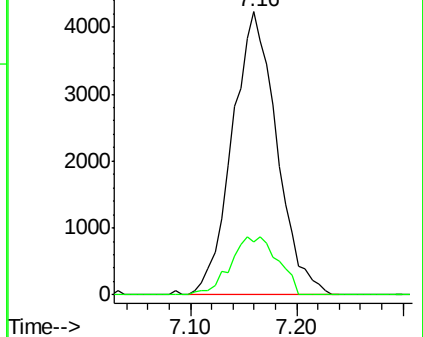
77 100

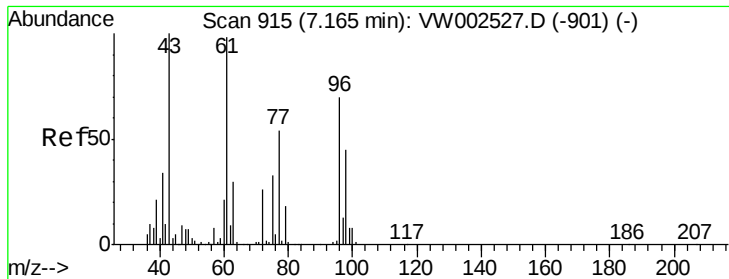
97 21.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

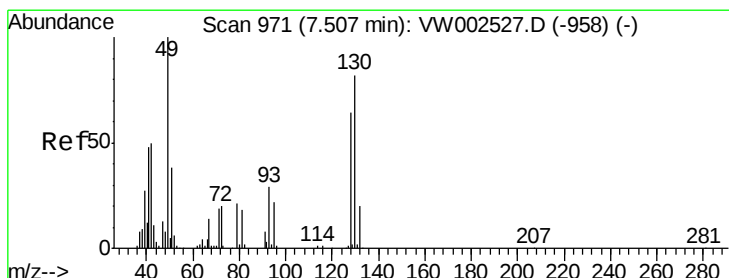
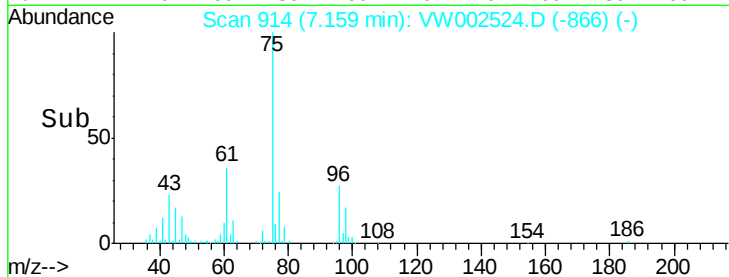
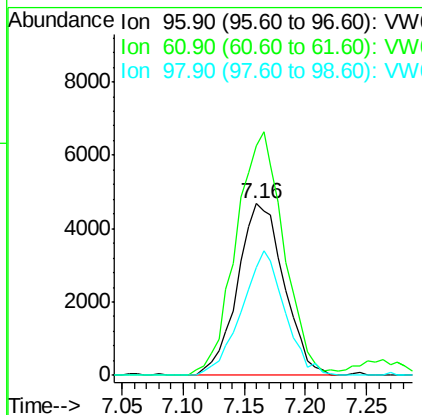
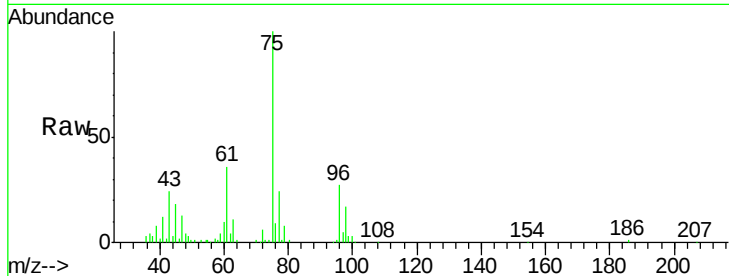
cis-1,2-Dichloroethene
Concen: 4.93 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	281.6
98	67.2	0.0	130.8

Manual Integrations
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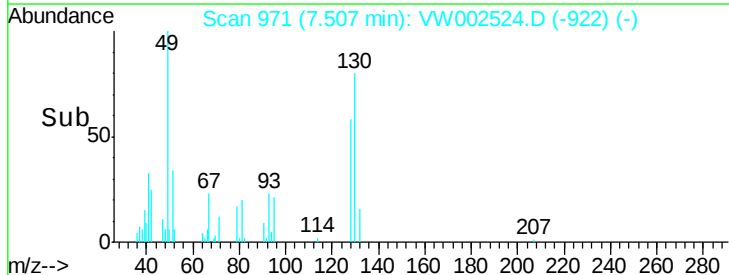
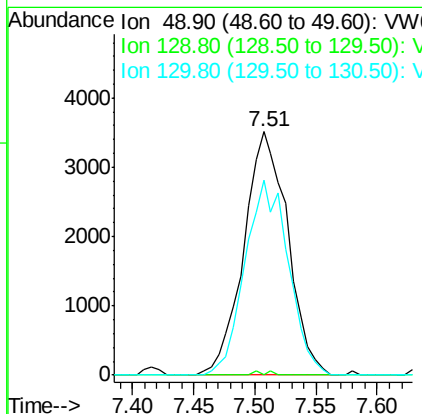
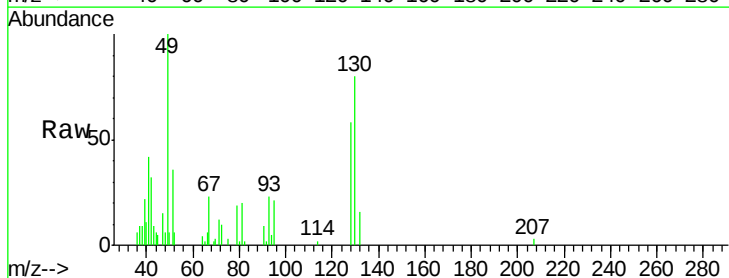
apatel
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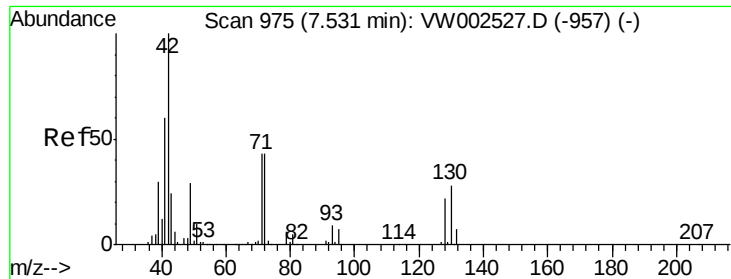


#28

Bromochloromethane
Concen: 4.79 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.4
130	79.4	64.7	97.1





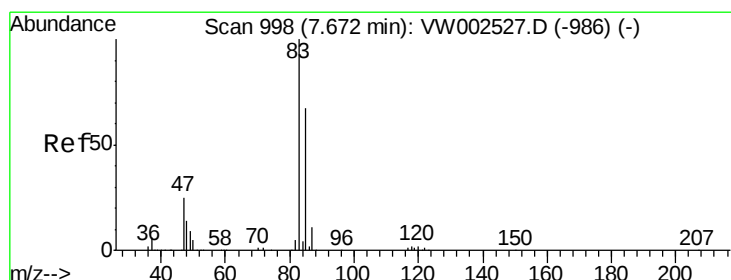
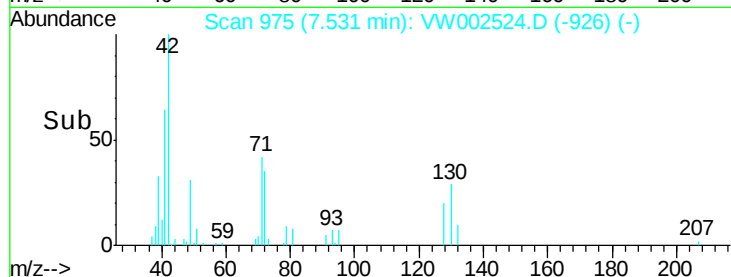
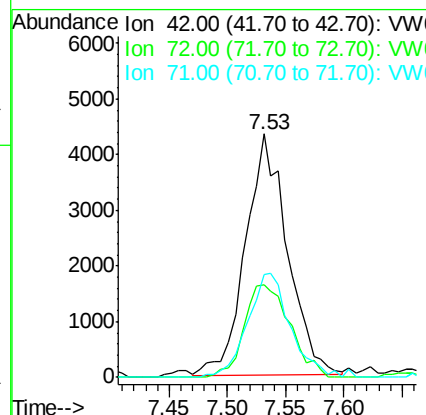
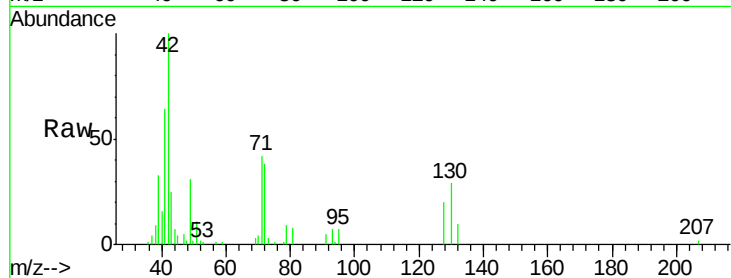
#29
Tetrahydrofuran
Concen: 23.26 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	35.0	52.4
71	43.7	33.0	49.6

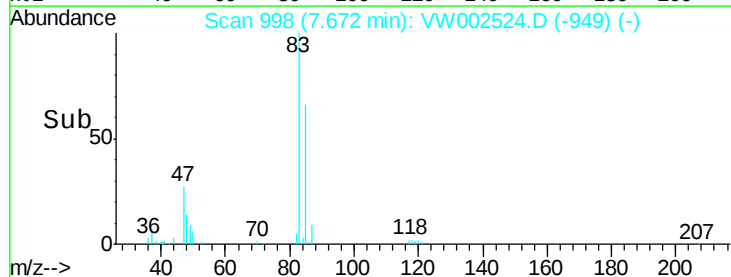
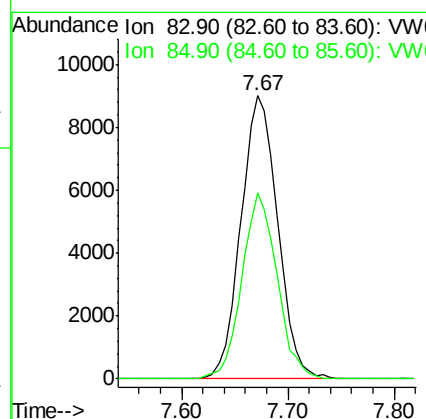
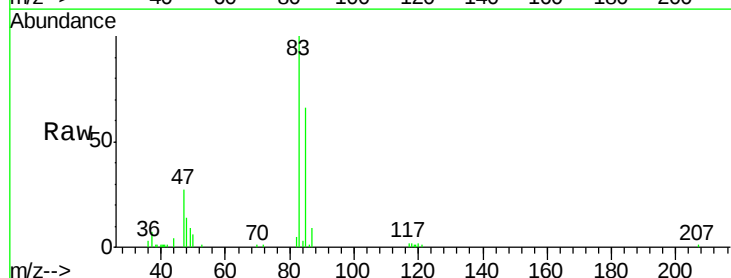
Manual Integrations
APPROVED

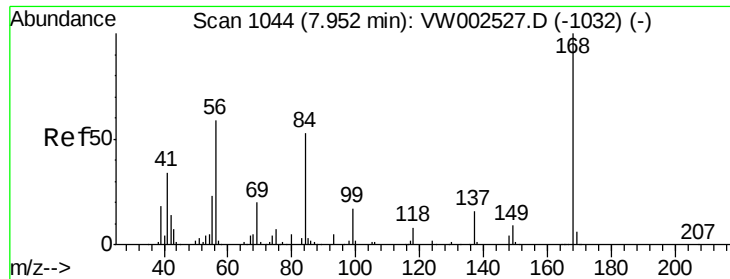
apatel
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#30
Chloroform
Concen: 5.17 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.9	80.9





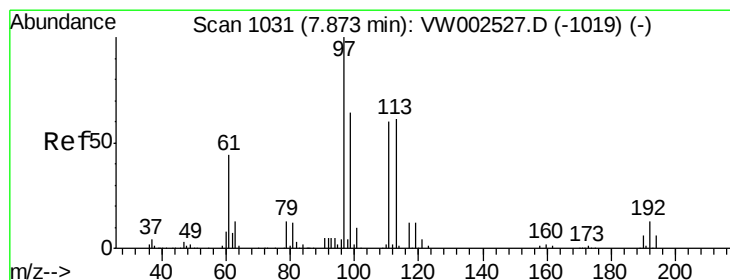
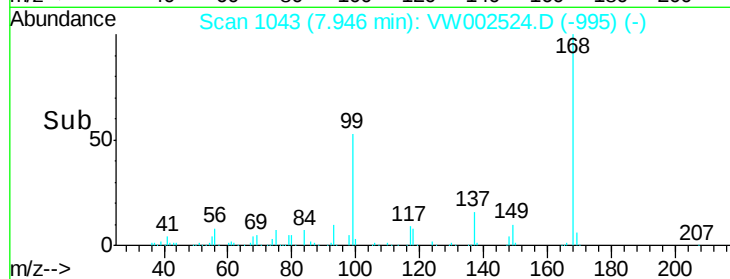
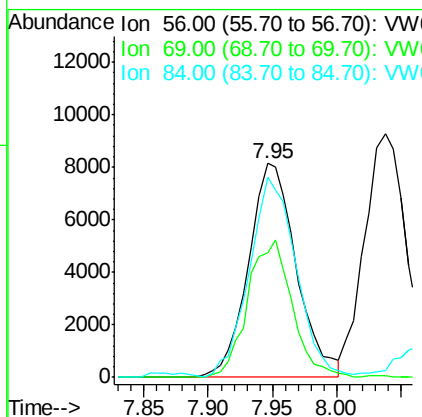
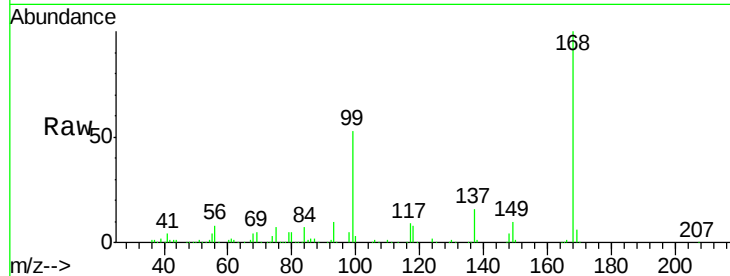
#31
Cyclohexane
Concen: 5.86 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	58.2	27.0	40.4#
84	92.3	72.2	108.2

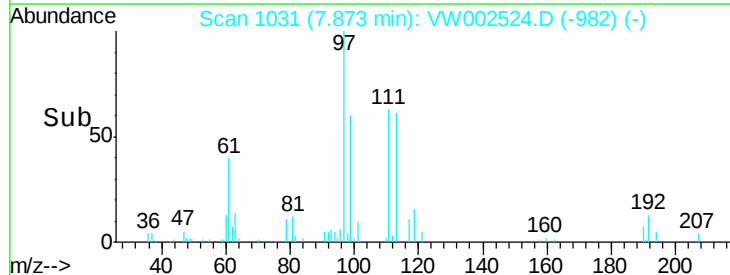
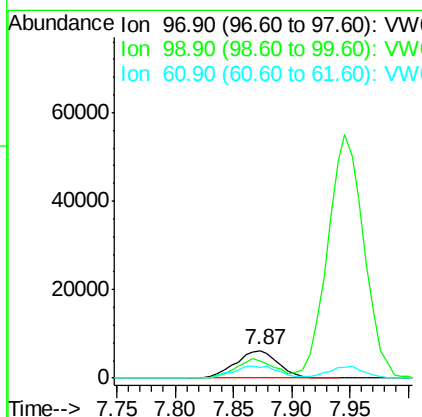
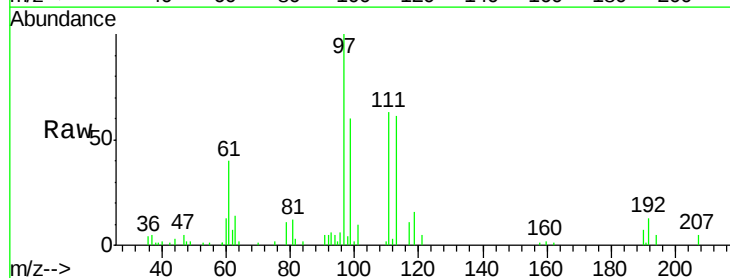
Manual Integrations
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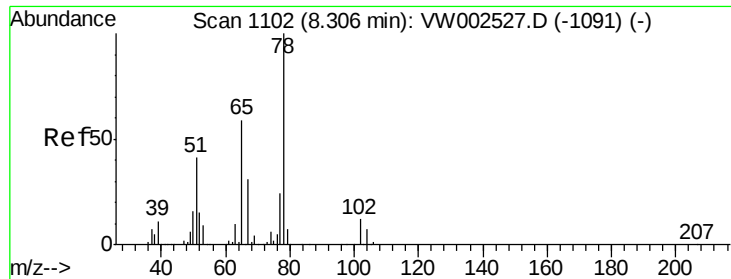
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#32
1,1,1-Trichloroethane
Concen: 4.98 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	45.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 4.78 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 65 Resp: 11610

Ion Ratio Lower Upper

65 100

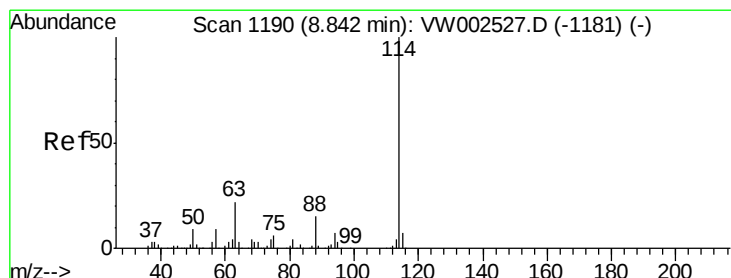
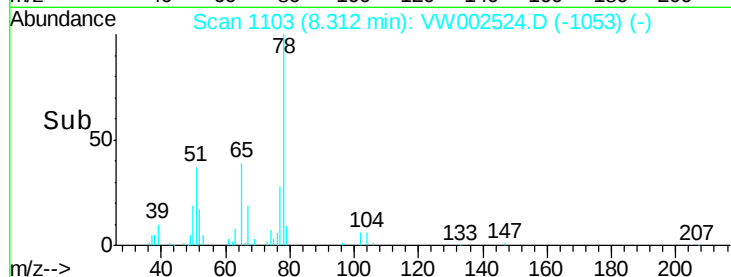
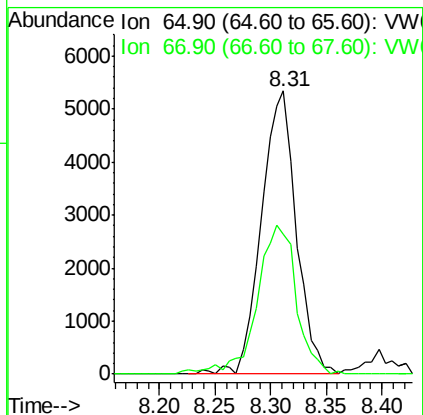
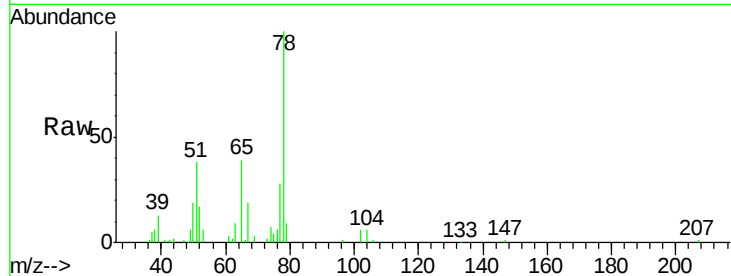
67 59.6 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

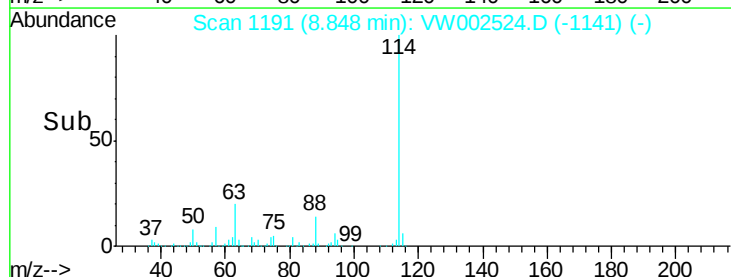
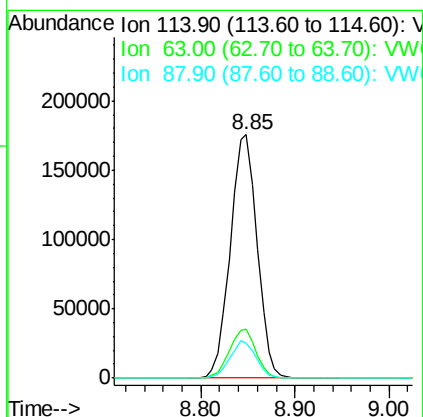
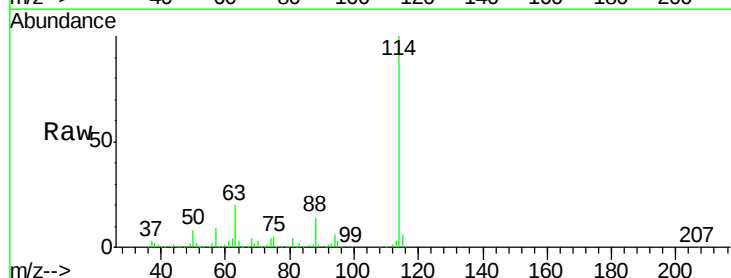
Tgt Ion: 114 Resp: 347385

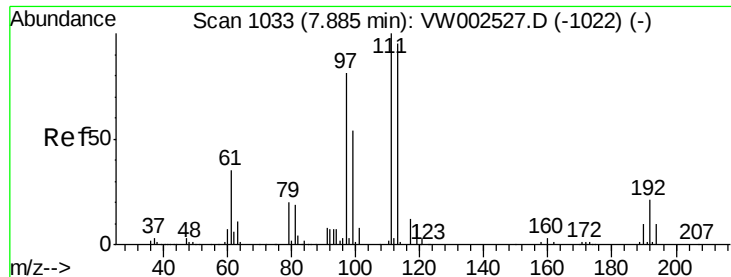
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.2 0.0 29.2





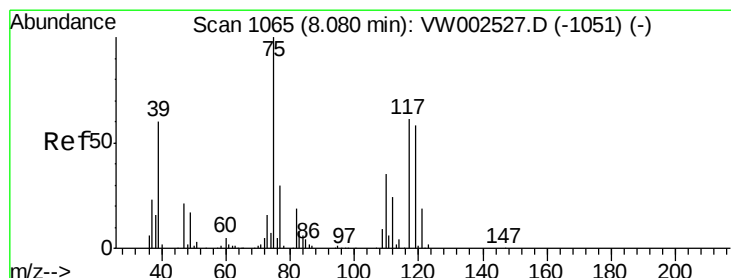
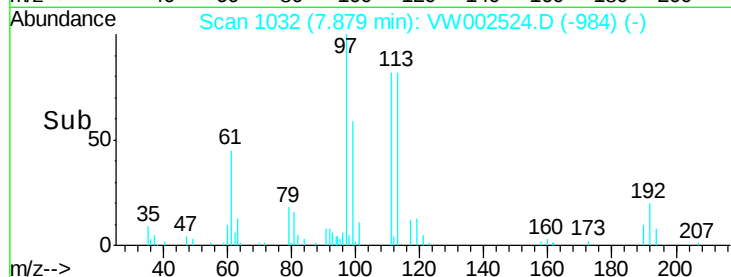
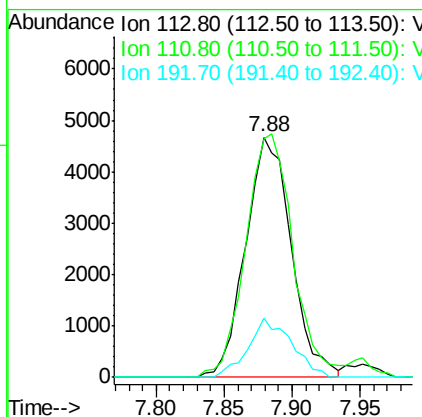
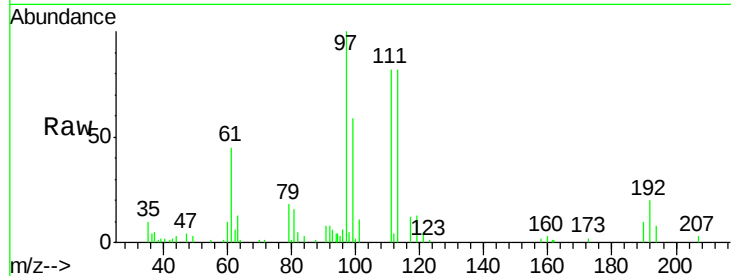
#35
 Dibromofluoromethane
 Concen: 4.97 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	10989		
111	104.3		81.8	122.8
192	23.3		17.5	26.3

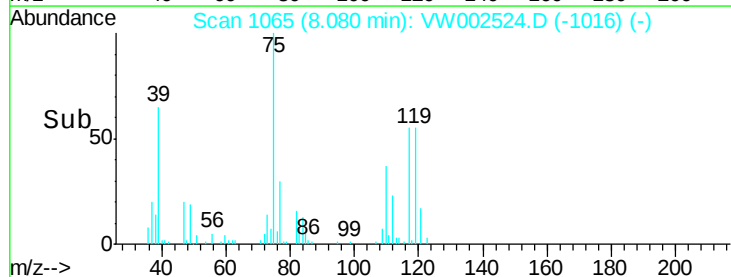
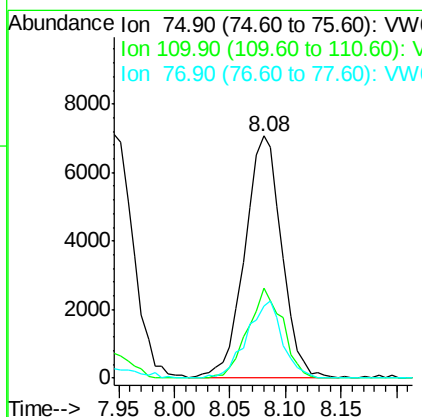
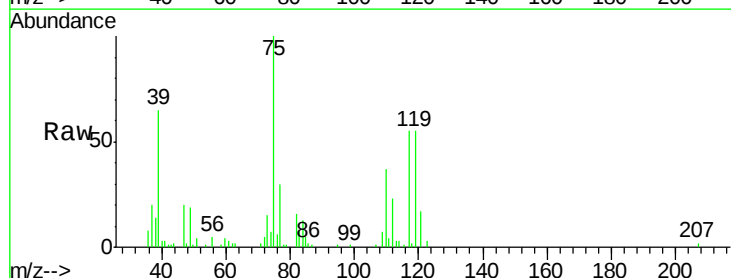
Manual Integrations
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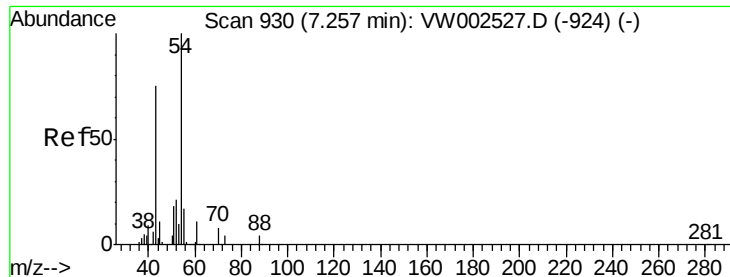
apatel
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#36
 1,1-Dichloropropene
 Concen: 5.23 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16385		
110	35.0		17.8	53.5
77	30.9		24.5	36.7





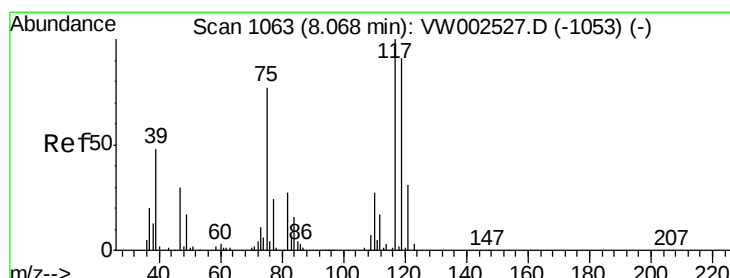
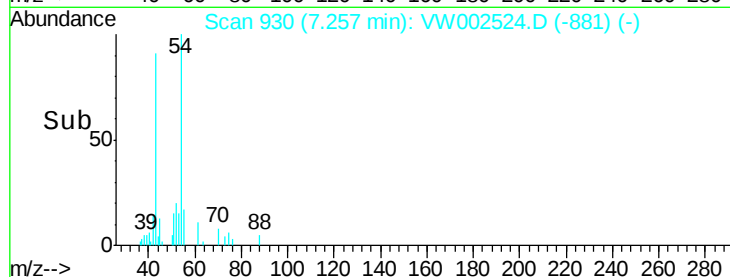
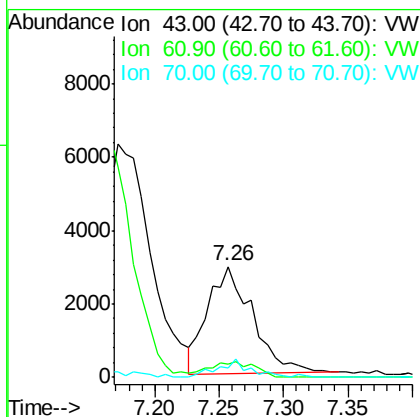
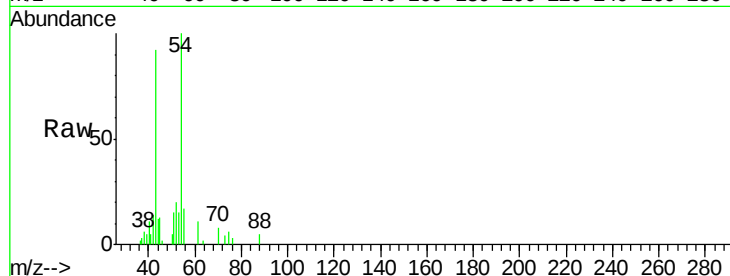
#37
Ethyl Acetate
Concen: 4.63 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	11.9	7.8	11.8

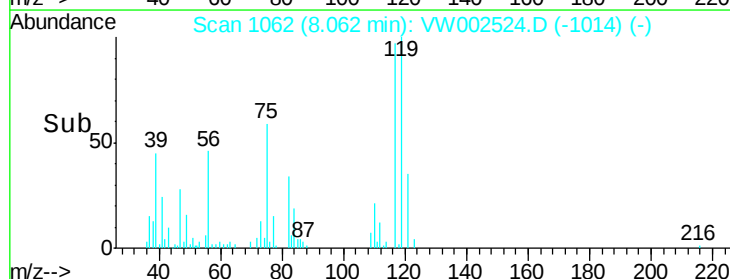
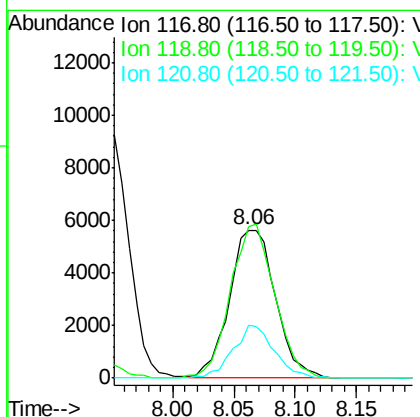
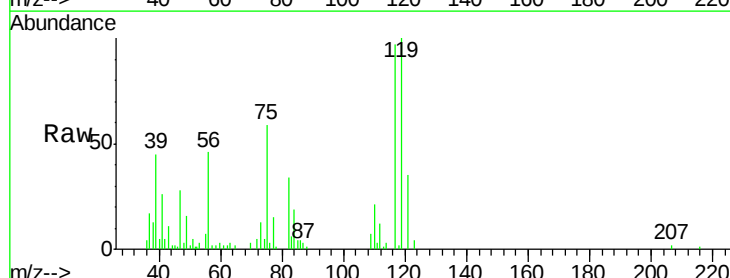
Manual Integrations
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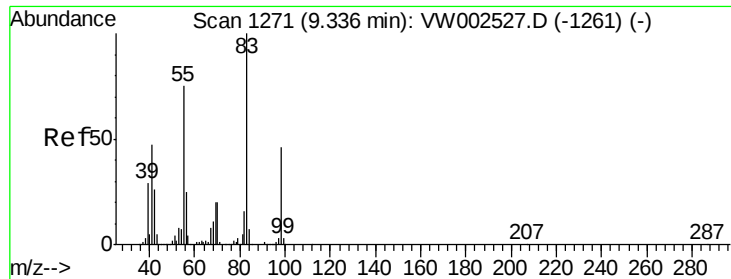
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#38
Carbon Tetrachloride
Concen: 4.84 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	73.1	109.7
121	35.9	24.4	36.6





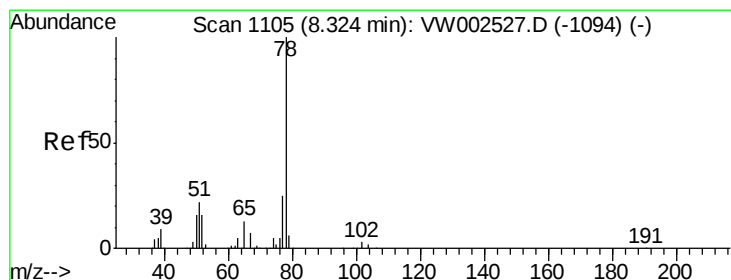
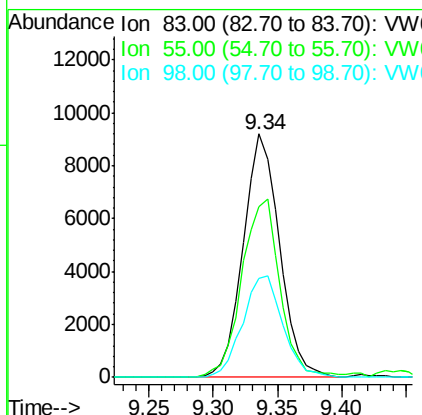
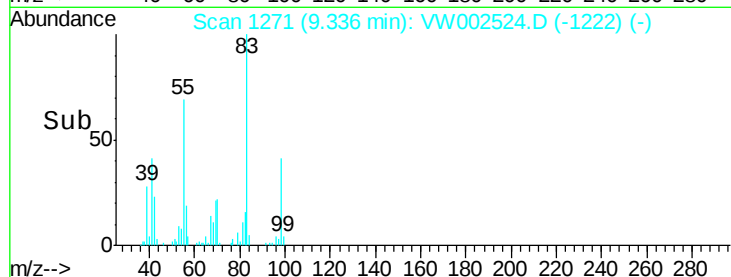
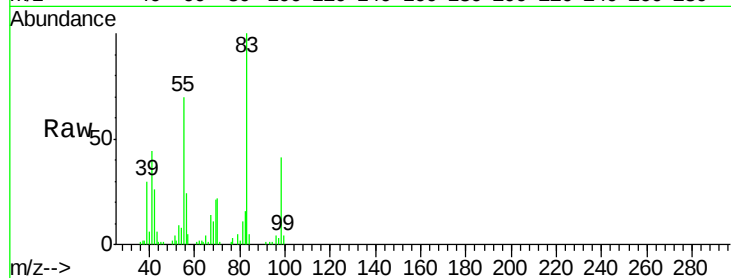
#39
Methvlcvclohexane
Concen: 4.93 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	60.0	90.0
98	40.7	37.0	55.4

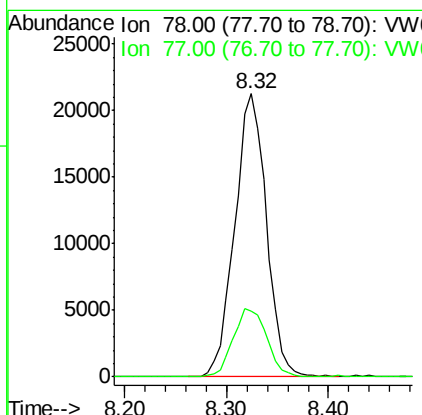
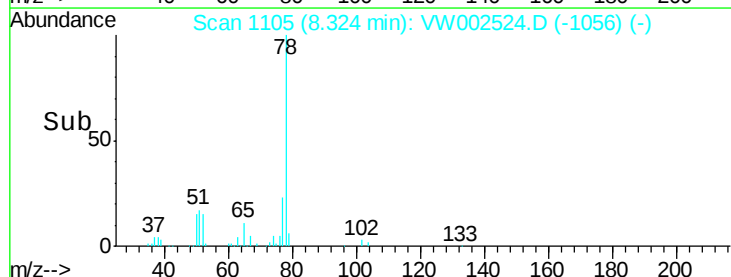
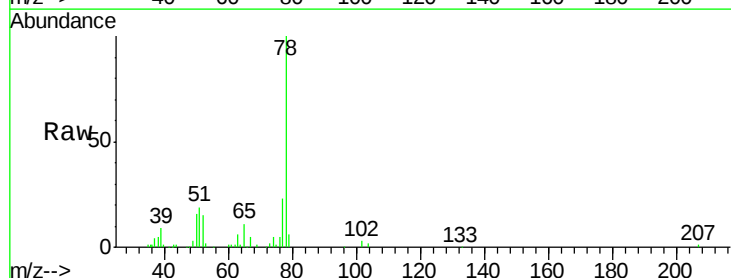
Manual Integrations
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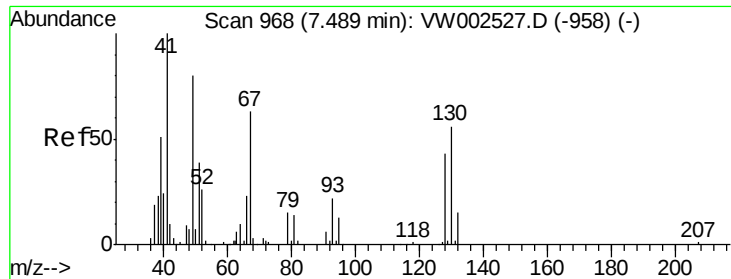
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#40
Benzene
Concen: 5.02 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.9	29.9





#41

Methacrylonitrile

Concen: 4.69 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tot Ion:	41	Resp:	4060
Ion	Ratio	Lower	Upper
41	100		
39	66.1	51.8	77.8
67	76.5	59.9	89.9
52	38.6	26.6	39.8

Instrument :

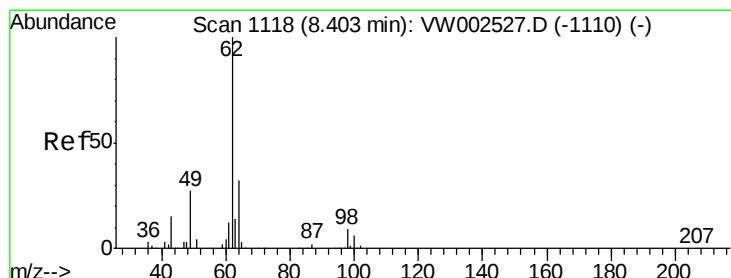
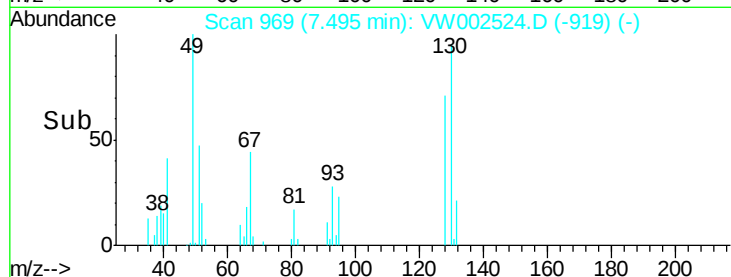
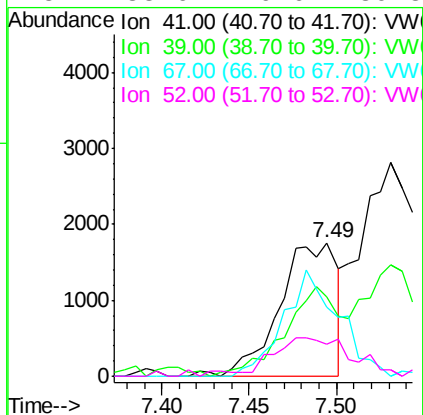
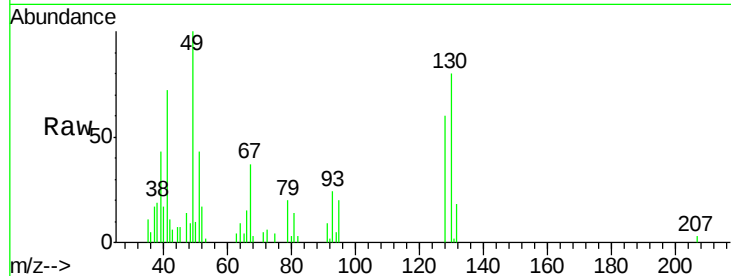
MSVOA_W

ClientSampleId :

VSTDIC005

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.07 ug/l

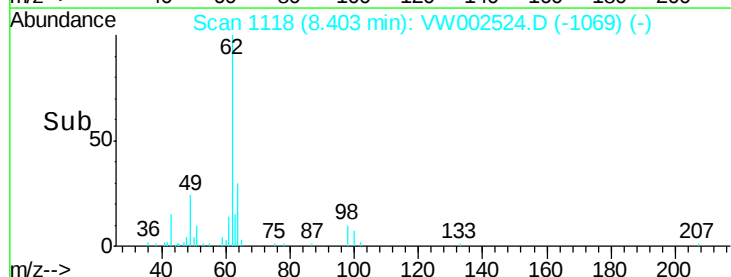
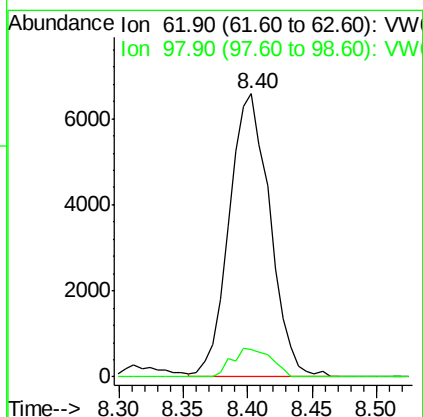
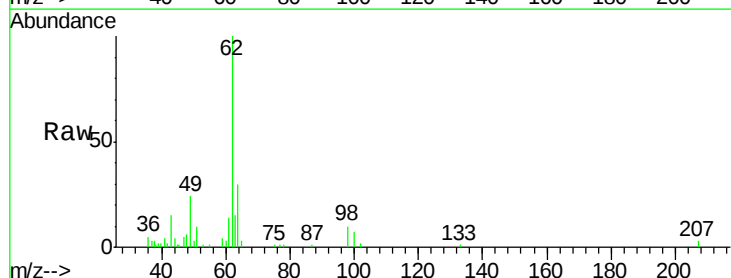
RT: 8.40 min Scan# 1118

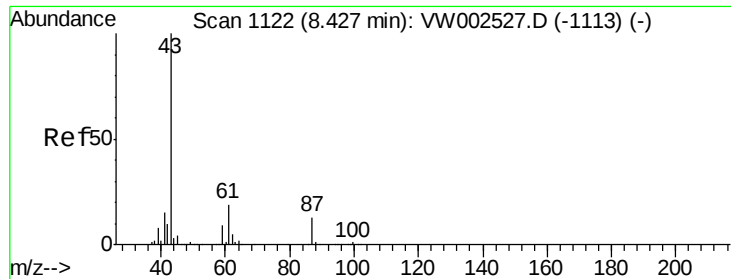
Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	62	Resp:	14486
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 4.88 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

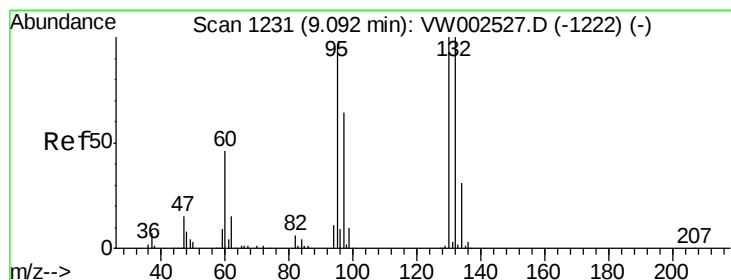
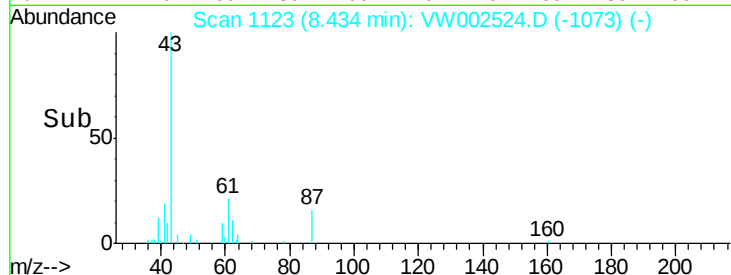
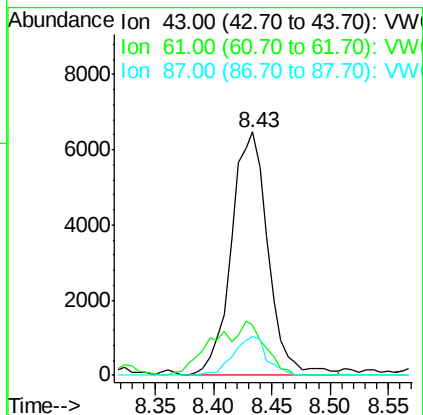
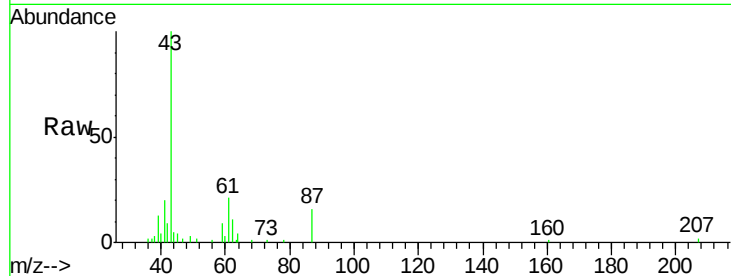
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	14275
Ion	Ratio	Lower	Upper
43	100		
61	30.8	23.0	34.6
87	14.5	10.6	15.8

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#44

Trichloroethene

Concen: 4.97 ug/l

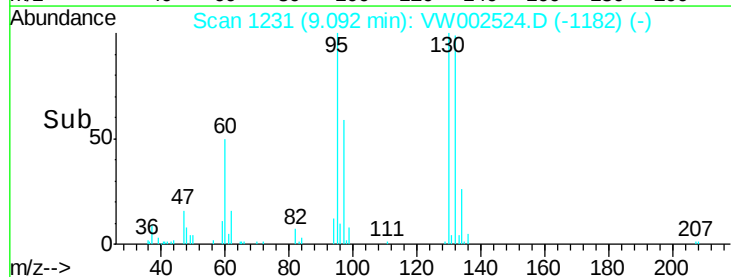
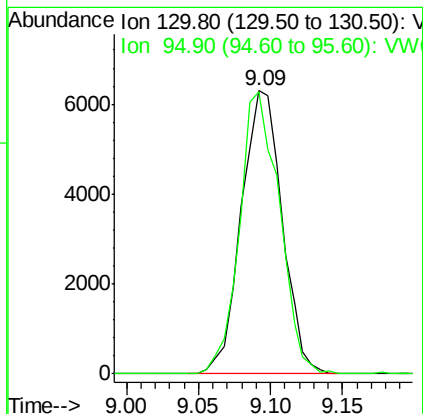
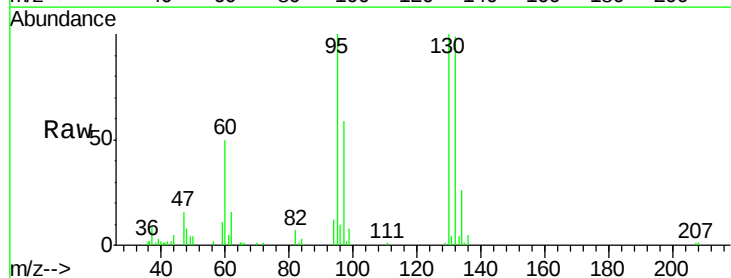
RT: 9.09 min Scan# 1231

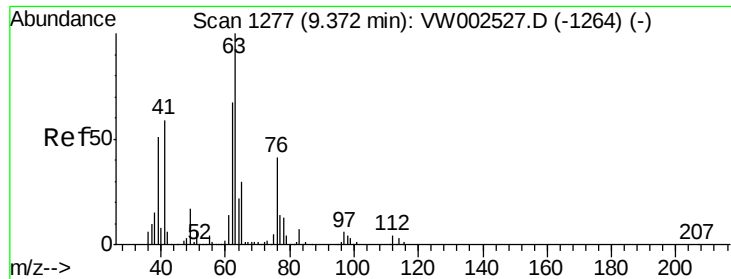
Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	130	Resp:	12389
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	194.6





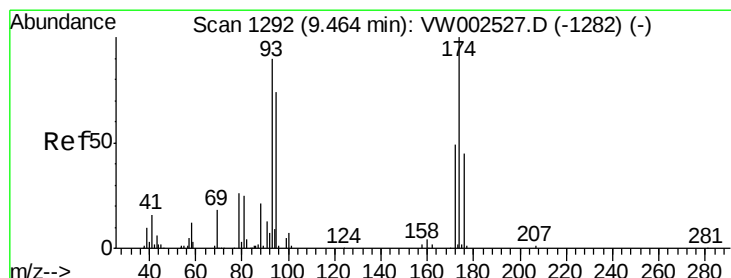
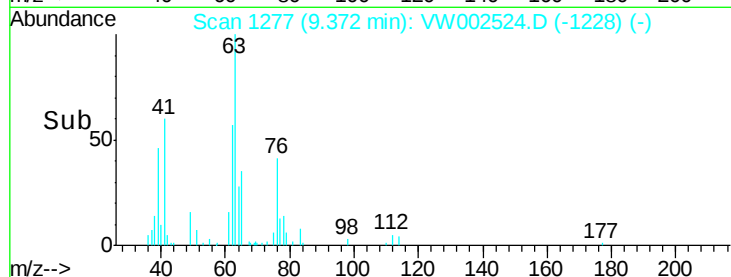
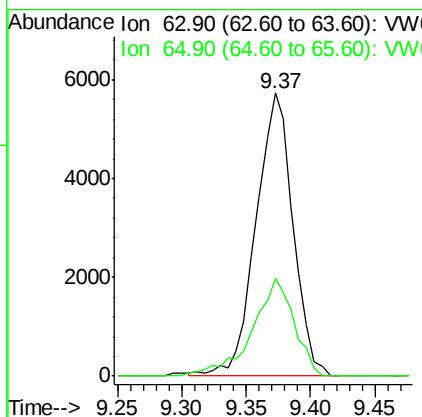
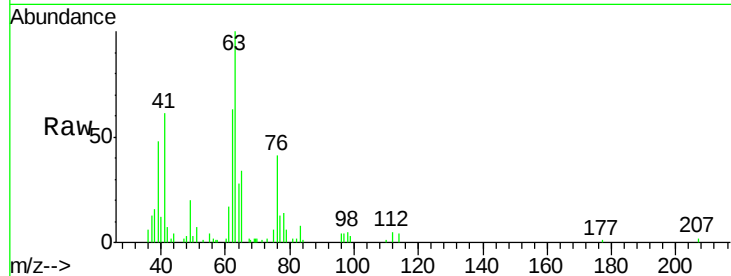
#45
 1,2-Dichloropropane
 Concen: 4.95 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.4	24.4	36.6

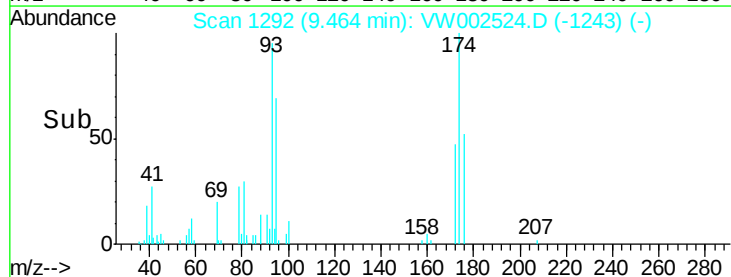
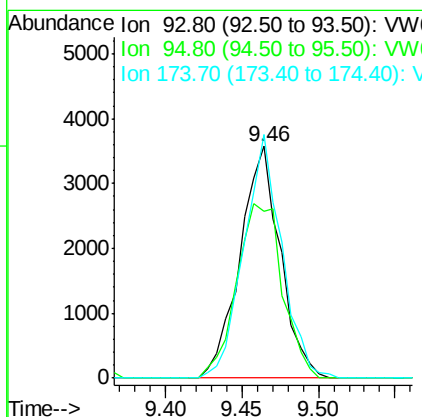
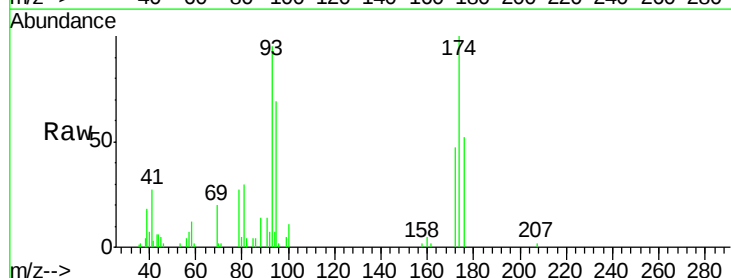
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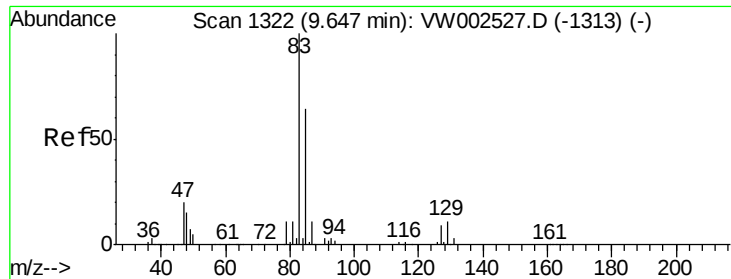
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#46
 Dibromomethane
 Concen: 5.09 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.3	66.6	100.0
174	98.5	84.0	126.0





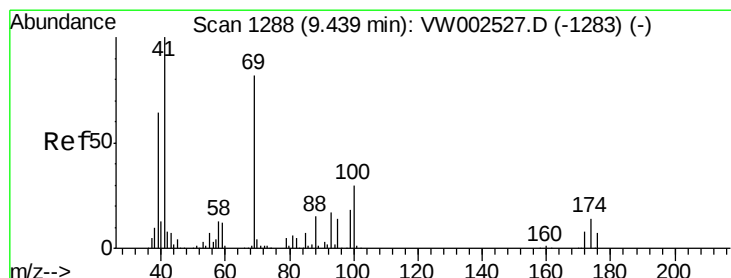
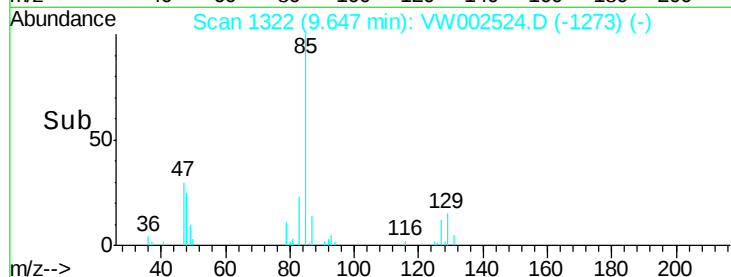
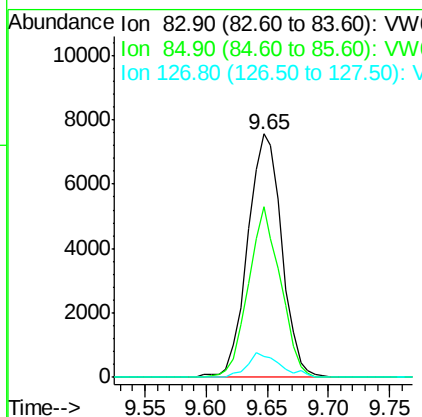
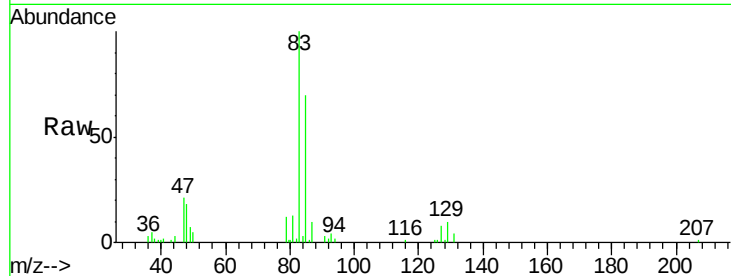
#47
Bromodichloromethane
Concen: 4.83 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	14635
Ion Ratio	100		
85	70.3	51.4	77.2
127	8.5	7.0	10.4

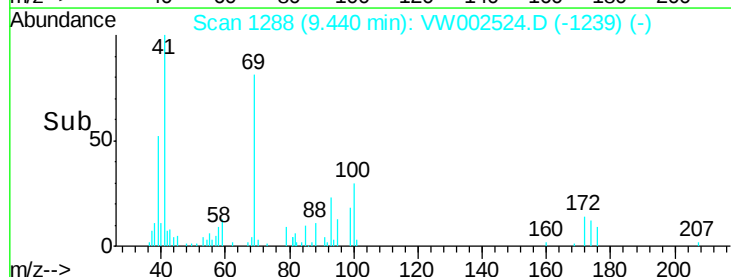
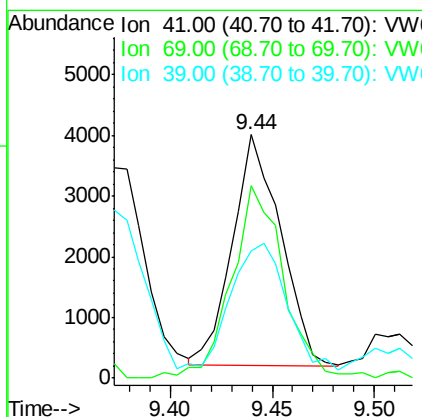
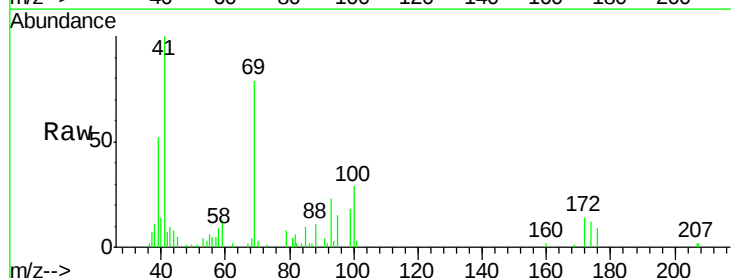
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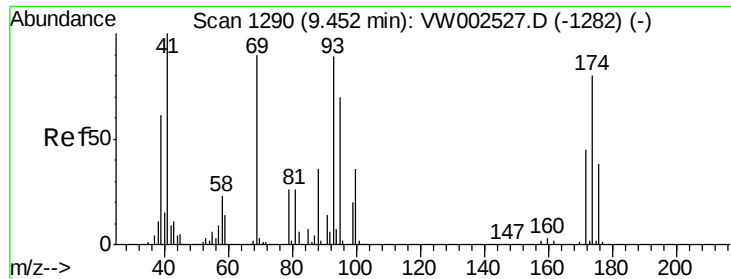
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#48
Methyl methacrylate
Concen: 4.40 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	41	Resp	6238
Ion Ratio	100		
69	90.5	69.7	104.5
39	69.0	55.0	82.4





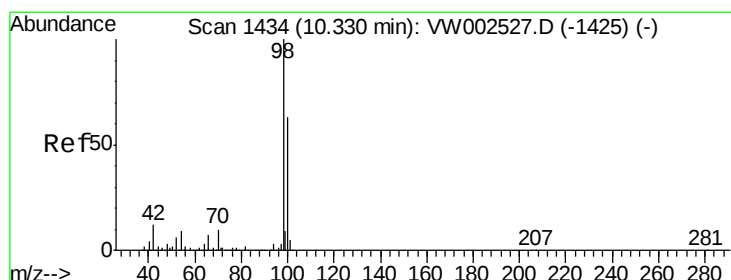
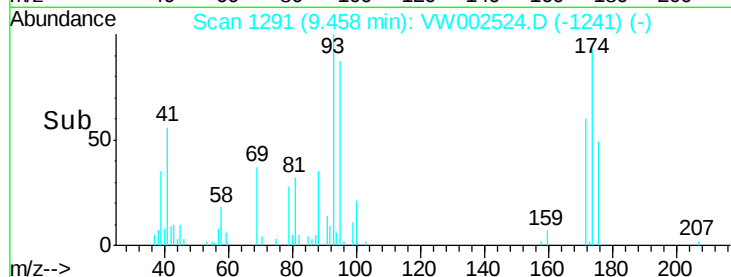
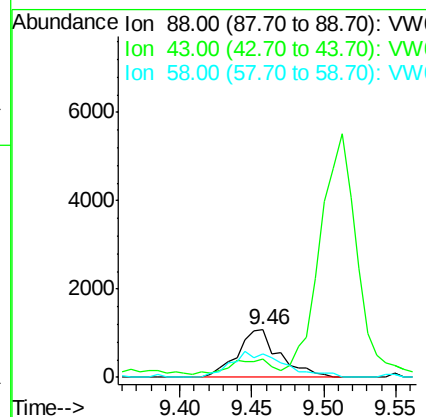
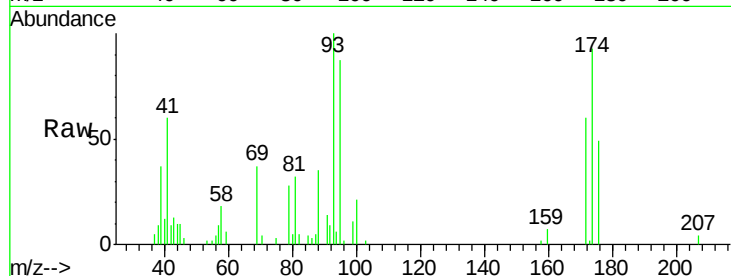
#49
1,4-Dioxane
Concen: 106.40 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
88	100	2209		
43	36.6		27.0	40.4
58	68.1		56.9	85.3

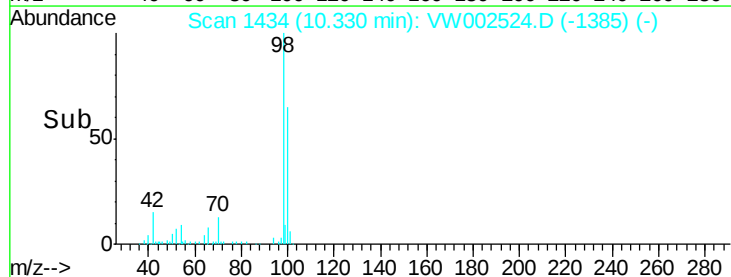
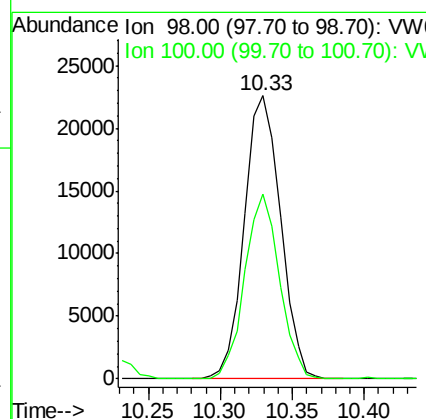
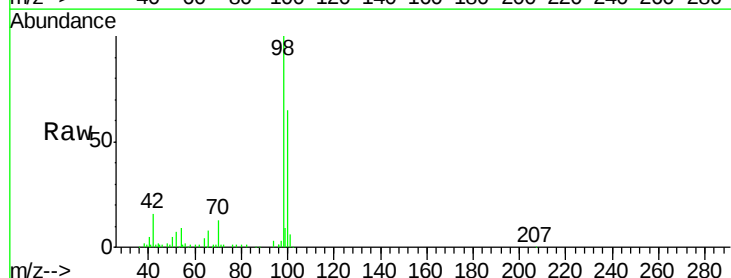
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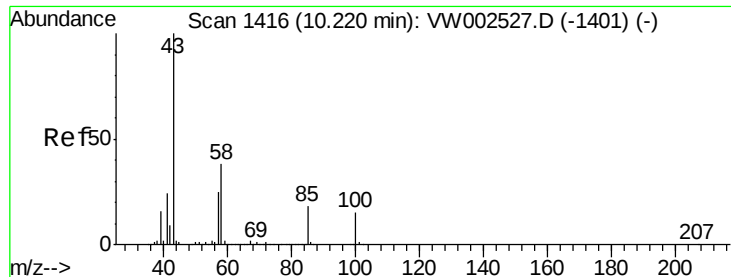
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#50
Toluene-d8
Concen: 4.67 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	39470		
100	62.4		51.0	76.4





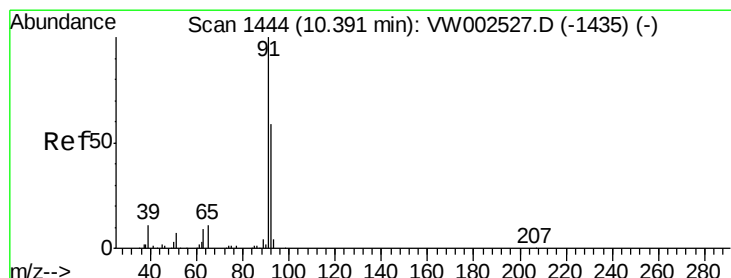
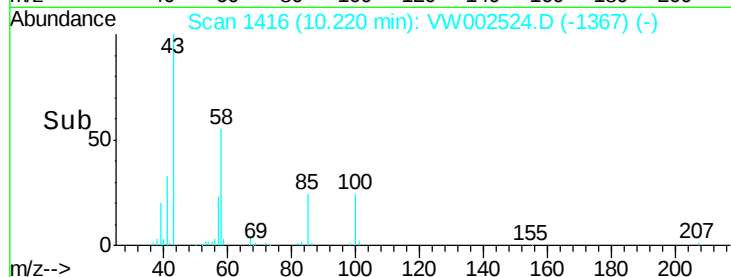
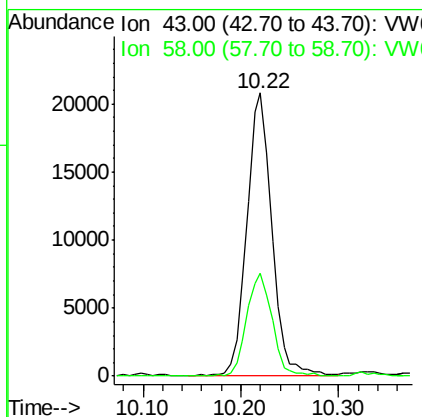
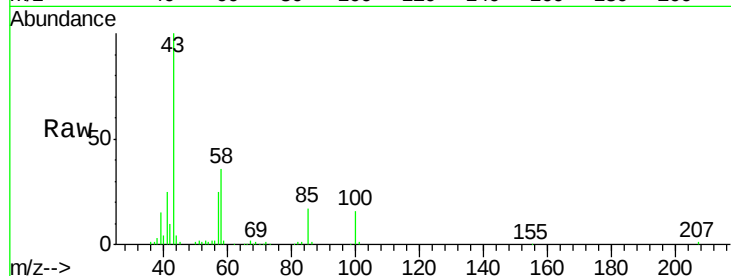
#51
4-Methyl-2-Pentanone
Concen: 22.93 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	37125
Ion Ratio	100	Lower	Upper
43	100		
58	37.0	30.1	45.1

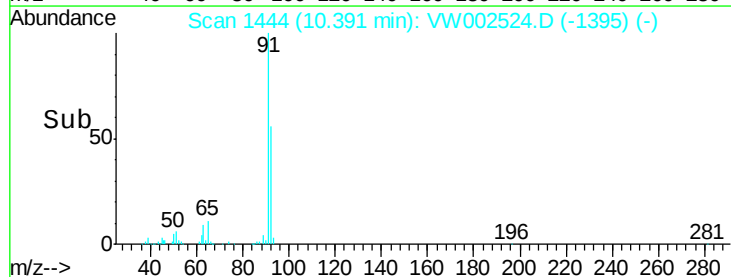
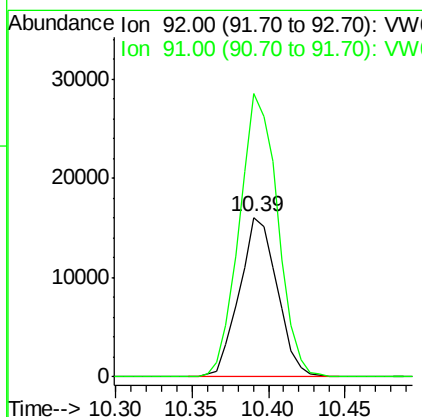
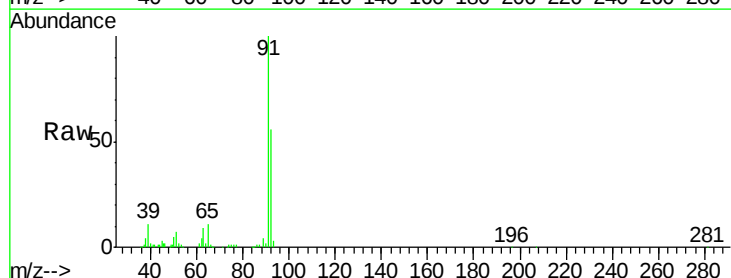
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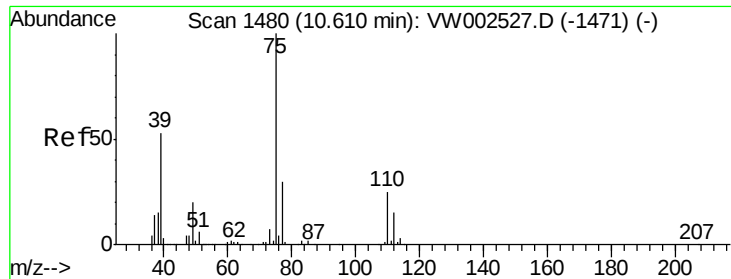
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#52
Toluene
Concen: 4.76 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	92	Resp	27565
Ion Ratio	100	Lower	Upper
92	100		
91	180.4	139.1	208.7





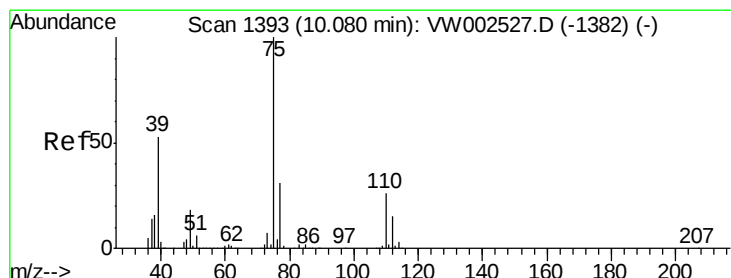
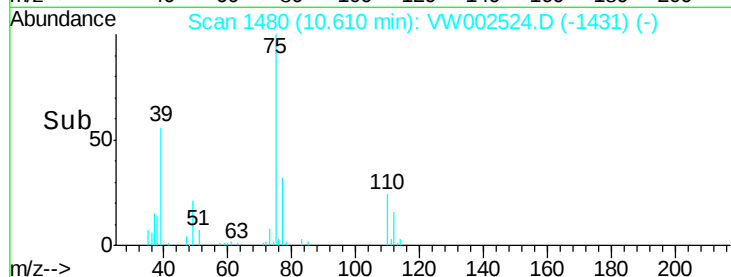
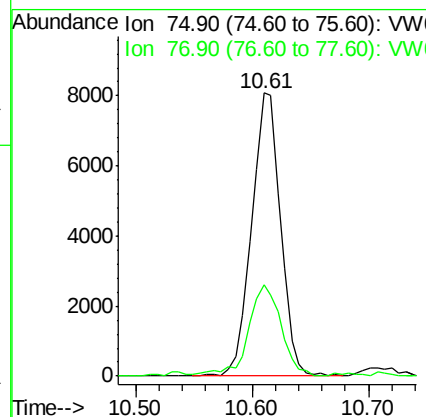
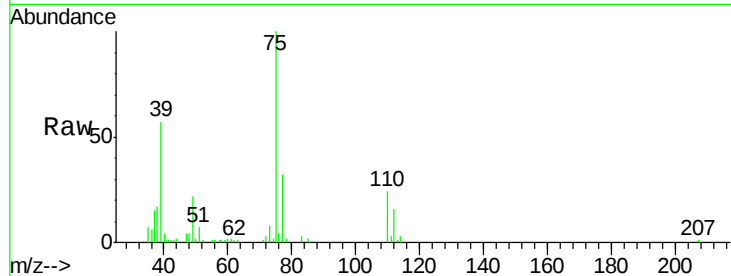
#53
t-1,3-Dichloropropene
Concen: 4.67 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 14029
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1

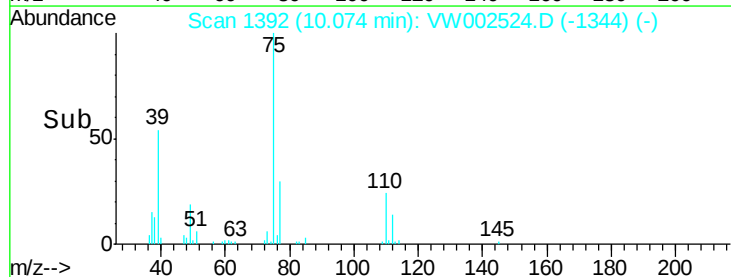
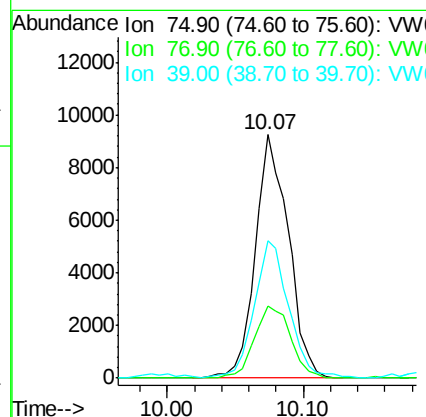
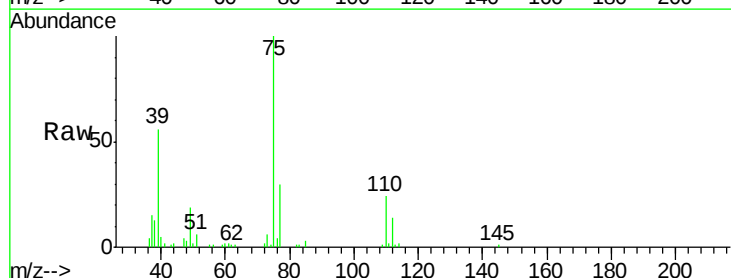
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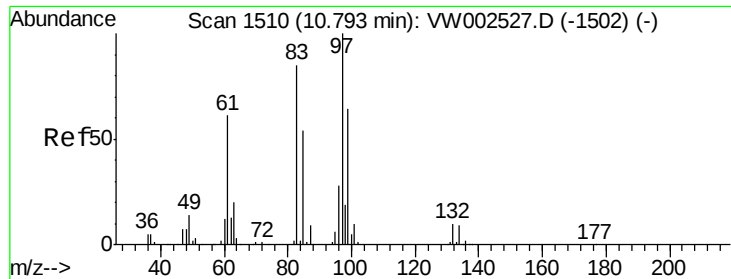
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#54
cis-1,3-Dichloropropene
Concen: 4.63 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion: 75 Resp: 15811
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.4
39 55.5 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 5.09 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

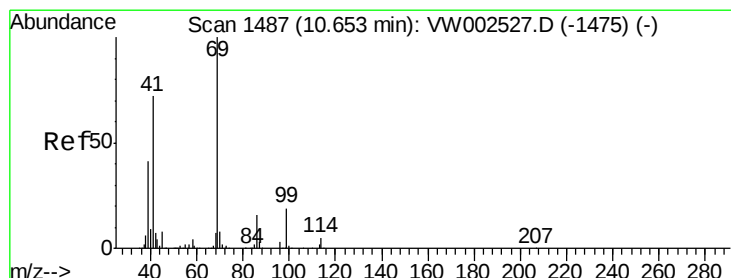
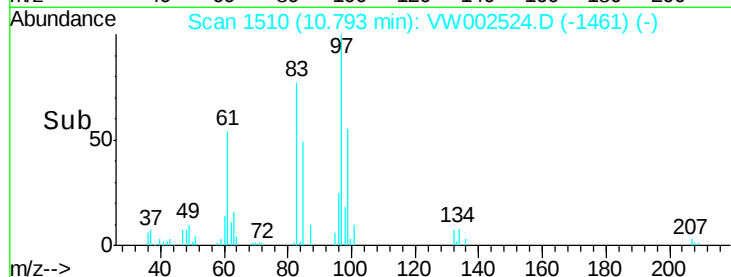
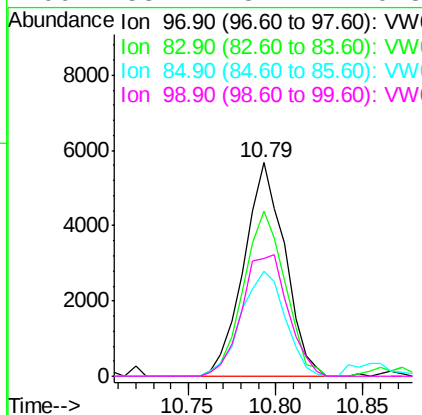
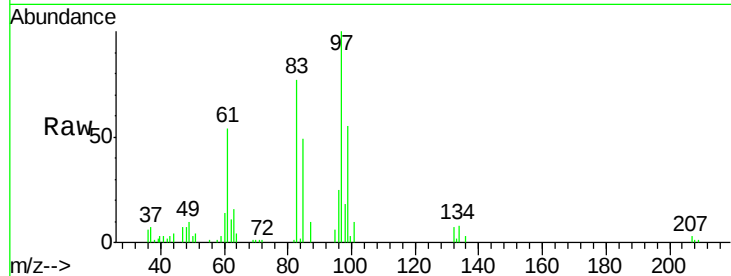
ClientSampled :

VSTDIC005

Tot Ion:	97	Resp:	9237
Ion	Ratio	Lower	Upper
97	100		
83	77.2	68.1	102.1
85	49.4	43.6	65.4
99	55.4	51.2	76.8

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#56

Ethyl methacrylate

Concen: 4.18 ug/l

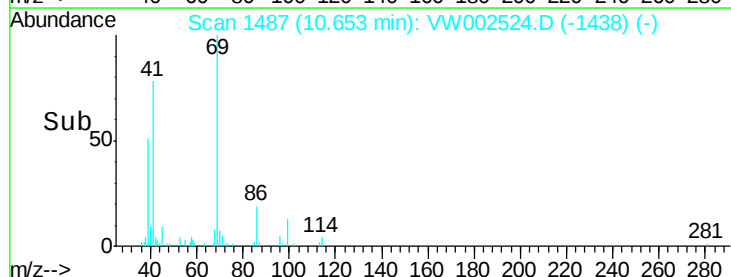
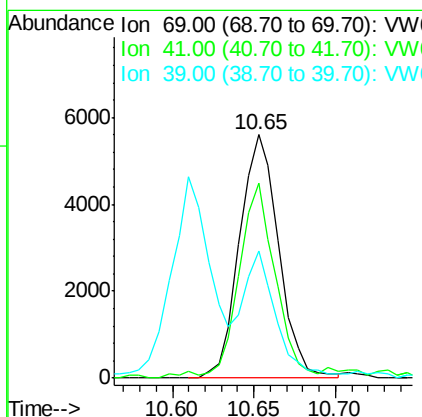
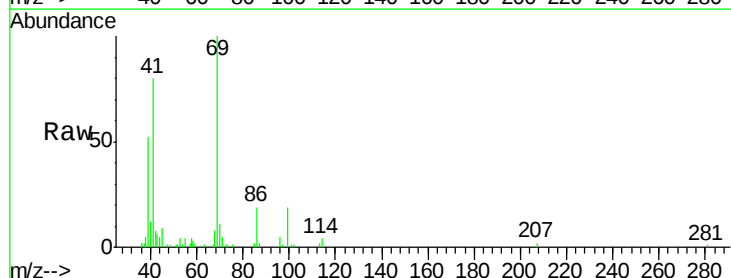
RT: 10.65 min Scan# 1487

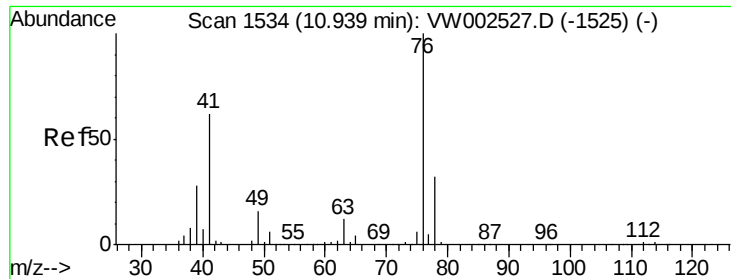
Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	69	Resp:	9384
Ion	Ratio	Lower	Upper
69	100		
41	75.0	55.3	82.9
39	41.2	33.0	49.6





#57

1,3-Dichloropropane

Concen: 4.79 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 14745

Ion Ratio Lower Upper

76 100

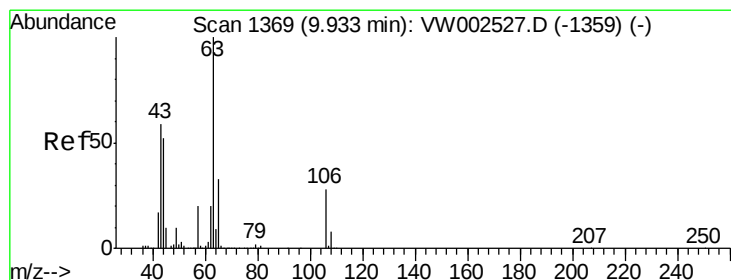
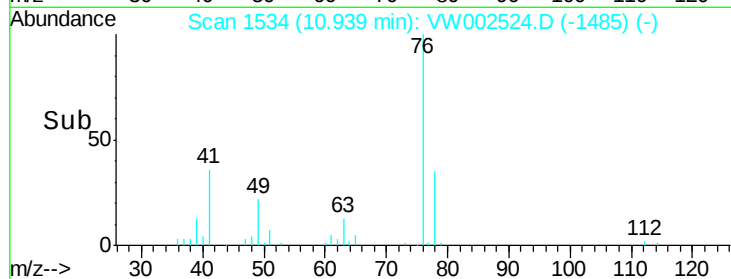
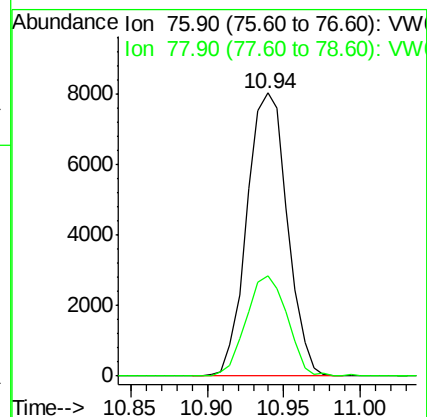
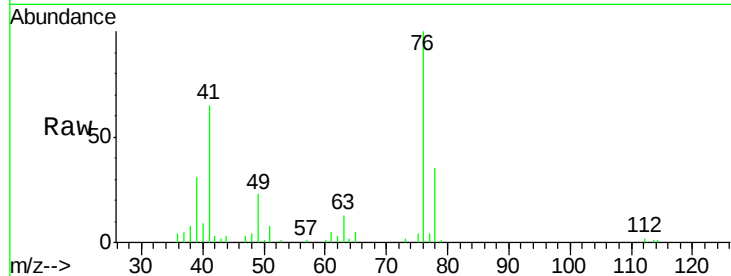
78 36.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 21.49 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW002524.D

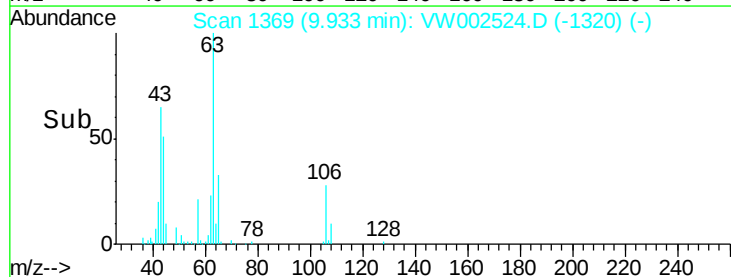
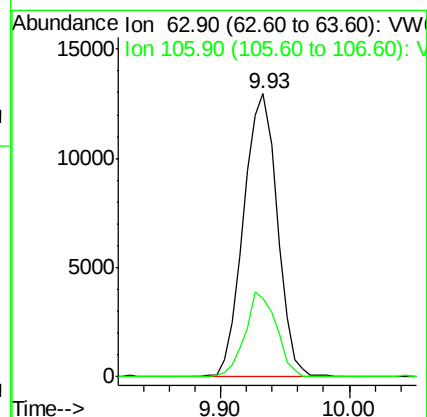
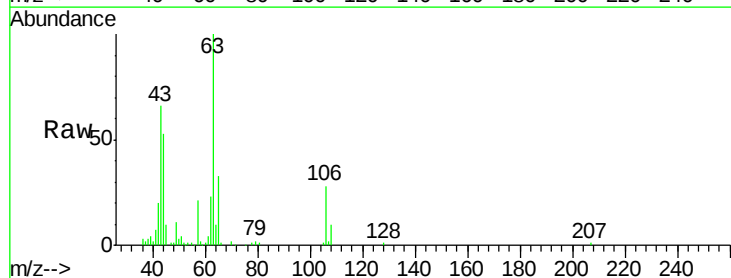
Acq: 14 May 2018 20:51

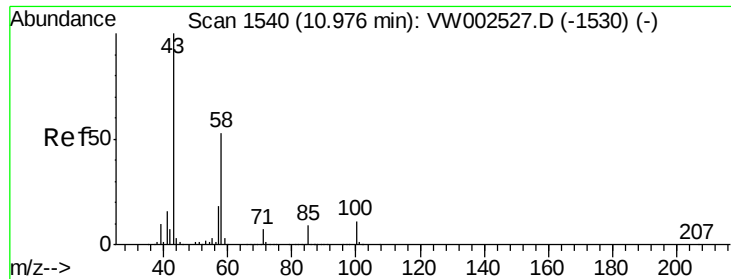
Tgt Ion: 63 Resp: 23455

Ion Ratio Lower Upper

63 100

106 27.8 22.9 34.3





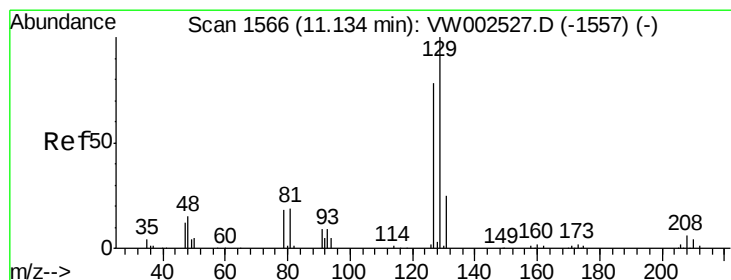
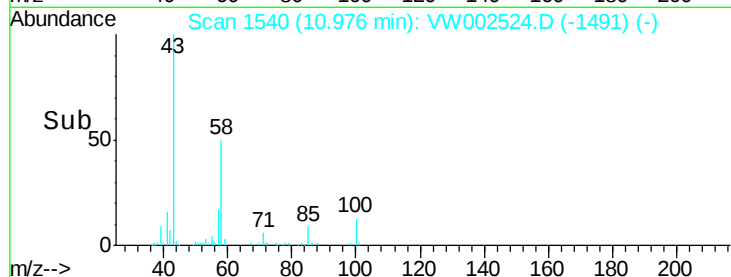
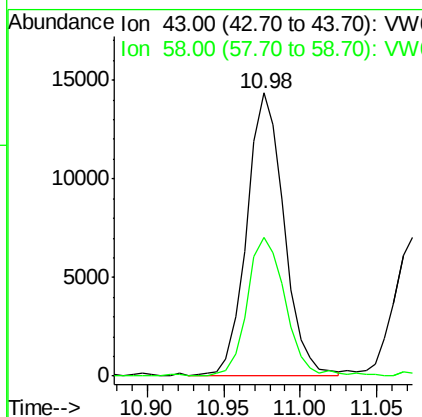
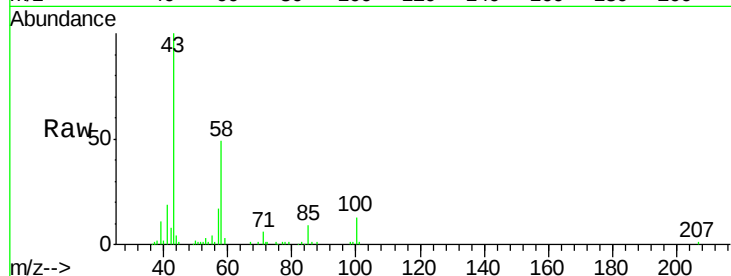
#59
2-Hexanone
Concen: 21.96 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 24362
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8

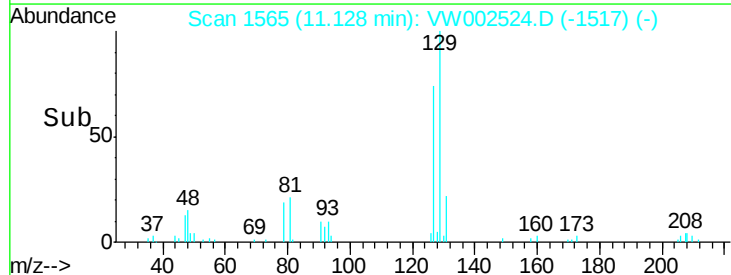
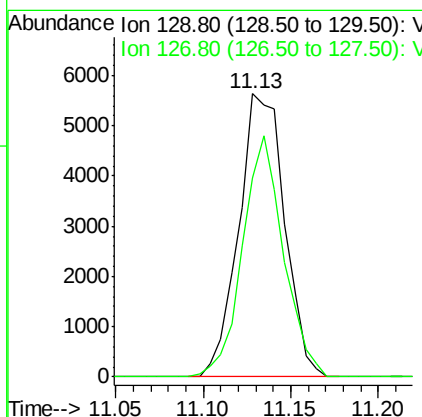
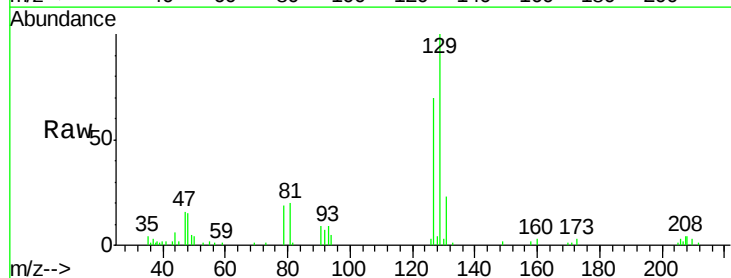
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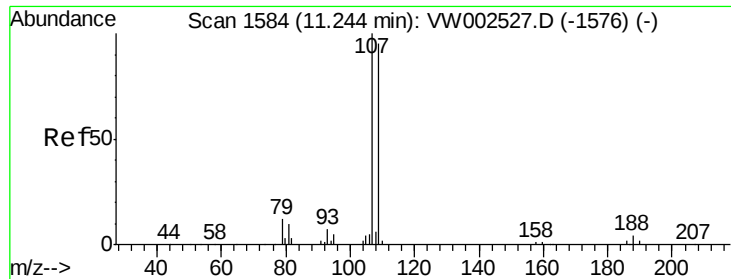
apatel
5/15/2018 5:56:17 PM



#60
Dibromochloromethane
Concen: 4.79 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion: 129 Resp: 10258
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 5.00 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 8843

Ion Ratio Lower Upper

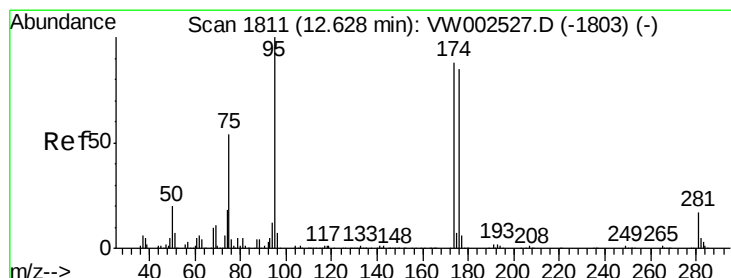
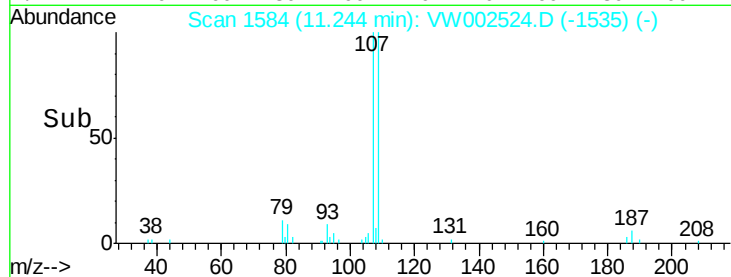
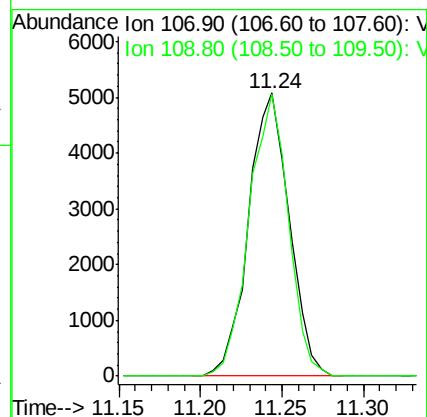
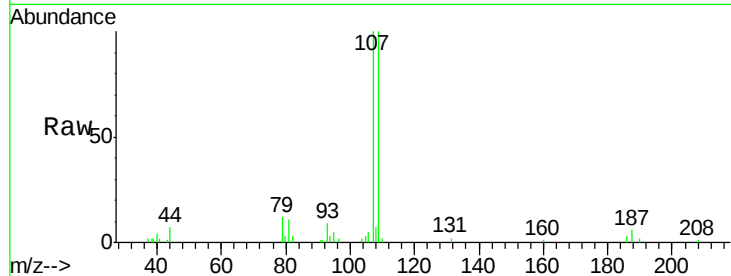
107 100

109 95.5 75.4 113.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 4.84 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

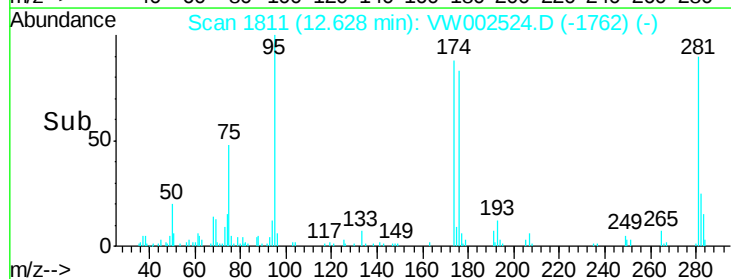
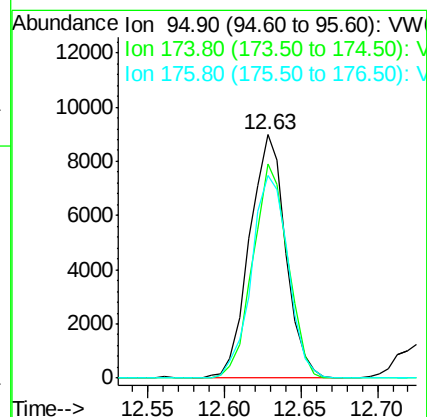
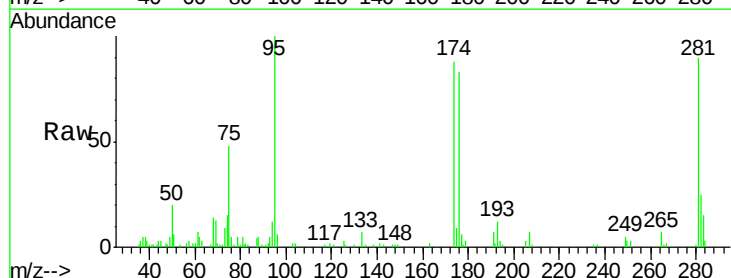
Tgt Ion: 95 Resp: 14782

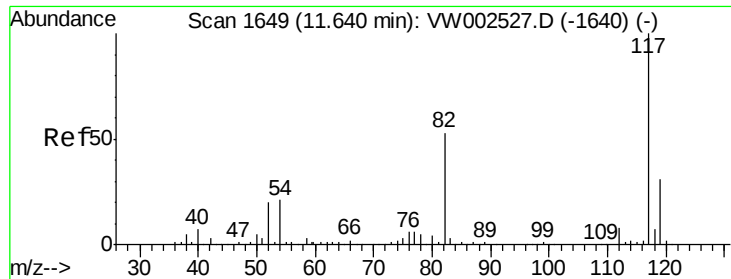
Ion Ratio Lower Upper

95 100

174 85.2 0.0 176.6

176 84.3 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: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

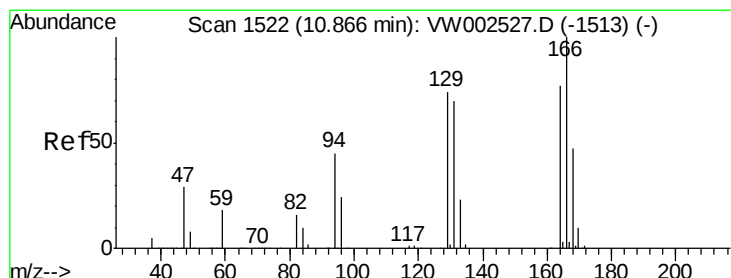
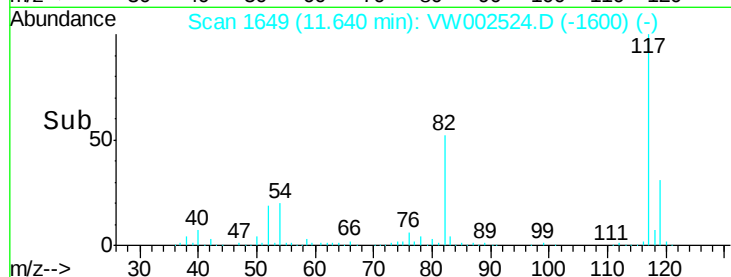
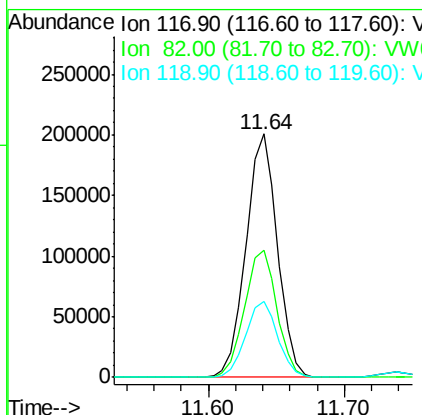
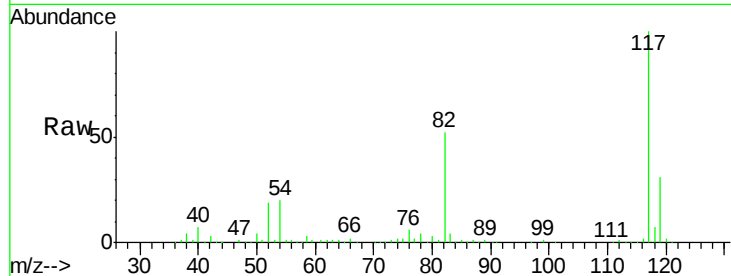
ClientSampled :

VSTDIC005

Tot Ion:	117	Resp:	324940
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.6	64.0
119	31.0	25.0	37.6

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#64

Tetrachloroethene

Concen: 4.93 ug/l

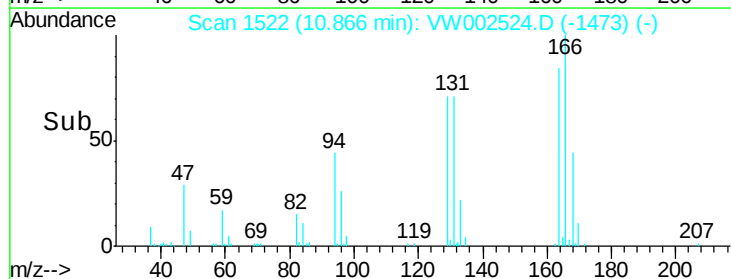
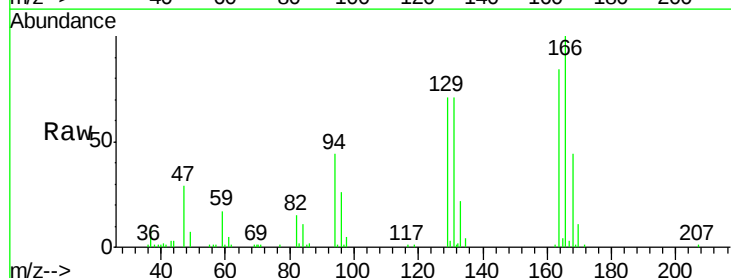
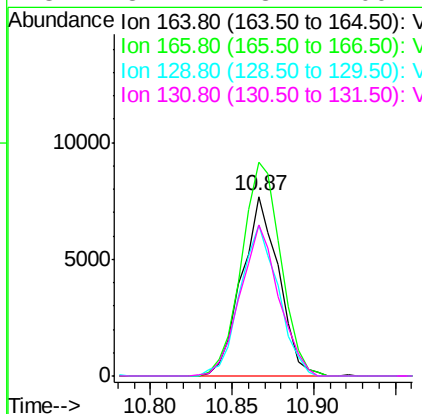
RT: 10.87 min Scan# 1522

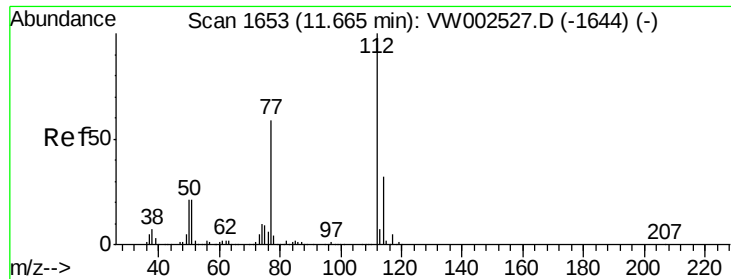
Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	164	Resp:	12152
Ion Ratio	Lower	Upper	
164	100		
166	119.1	104.2	156.2
129	84.0	77.0	115.4
131	84.1	73.1	109.7





#65

Chlorobenzene

Concen: 5.11 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 33774

Ion Ratio Lower Upper

112 100

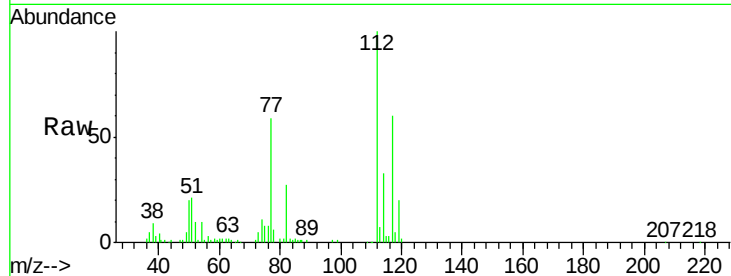
114 33.1 25.3 37.9

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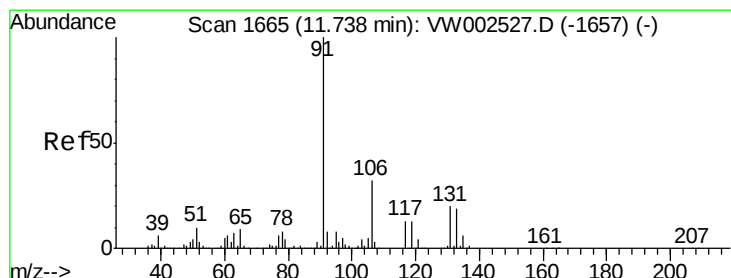
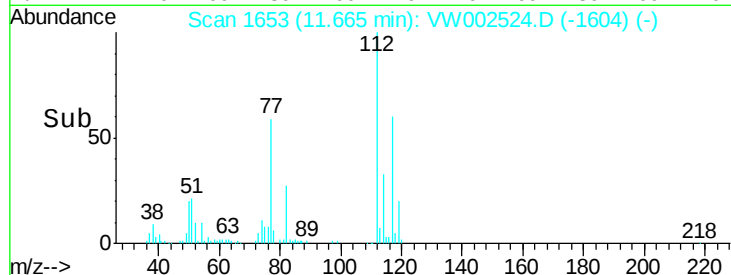
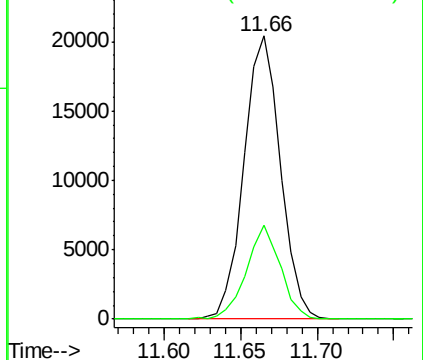
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.72 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

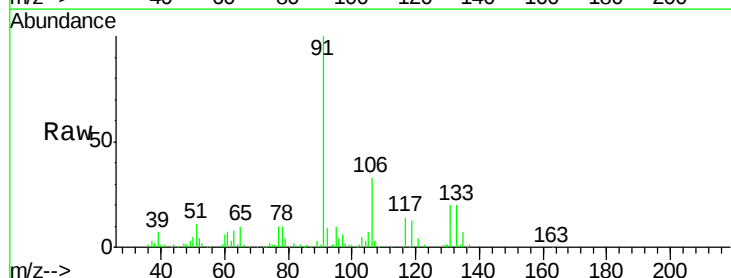
Tgt Ion:131 Resp: 11147

Ion Ratio Lower Upper

131 100

133 98.7 48.4 145.3

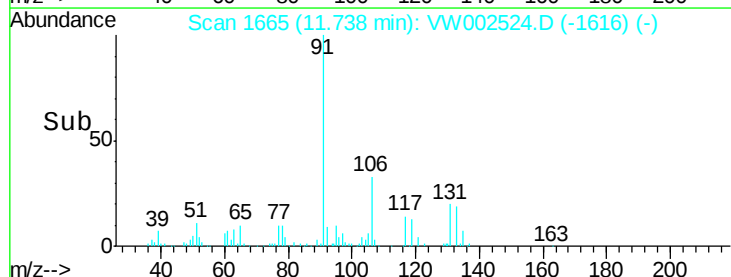
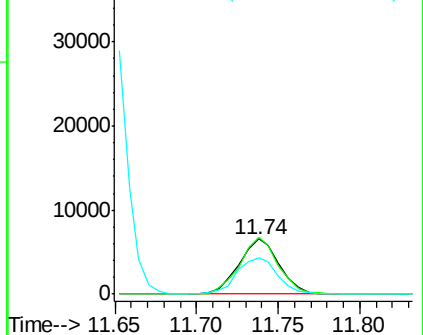
119 67.0 32.2 96.6

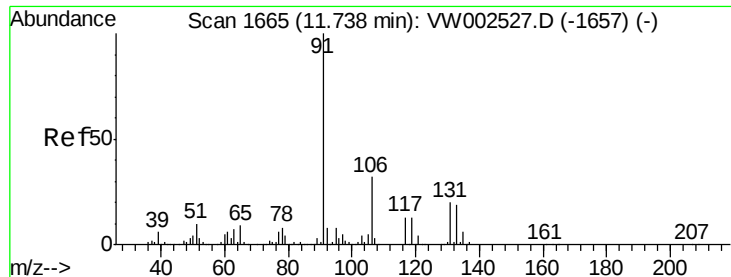


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





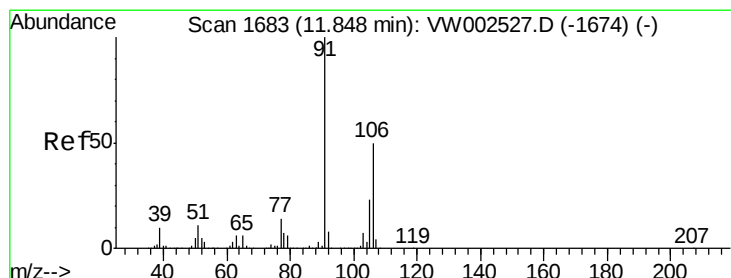
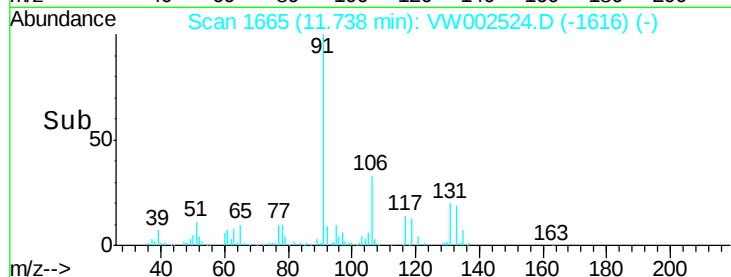
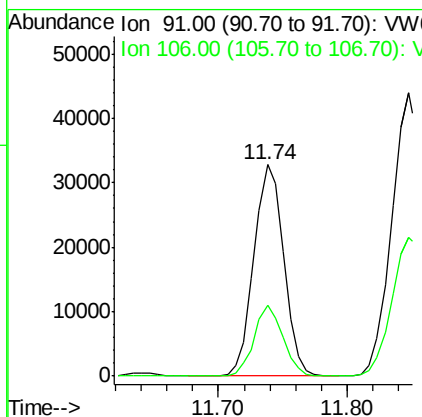
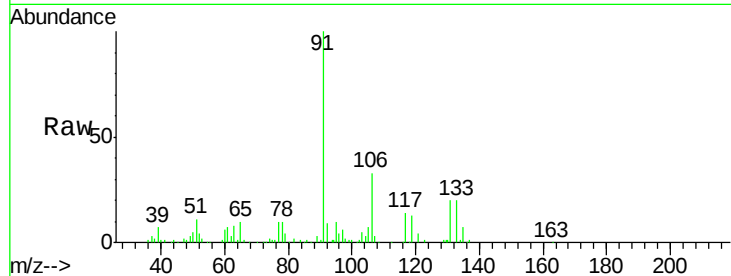
#67
Ethyl Benzene
Concen: 4.62 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	91	Resp	52526
Ion Ratio	100	Lower	Upper
106	33.3	25.4	38.0

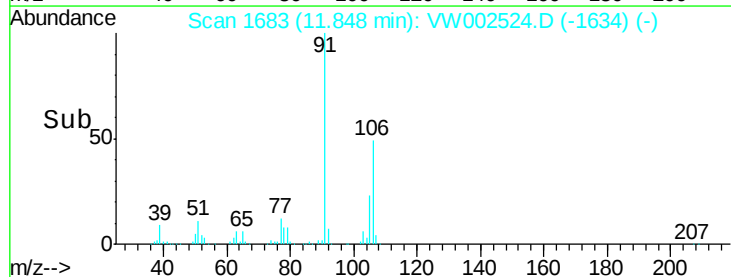
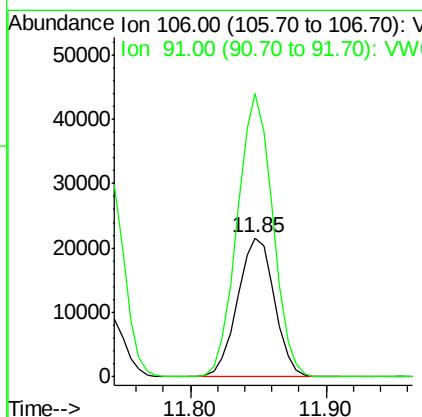
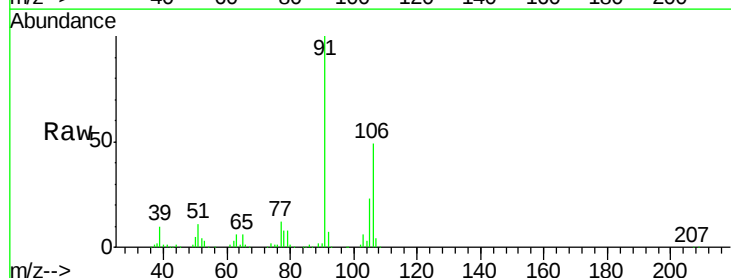
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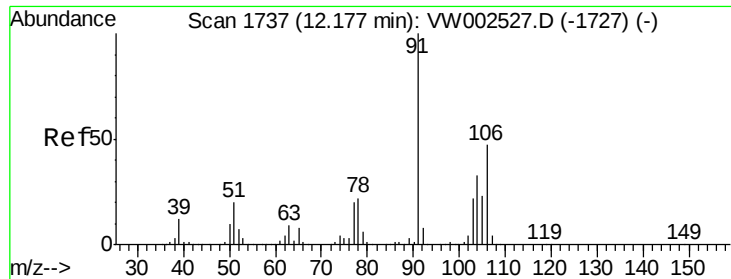
apatel
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#68
m/p-Xylenes
Concen: 9.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	106	Resp	40675
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	196.4	161.4	242.2





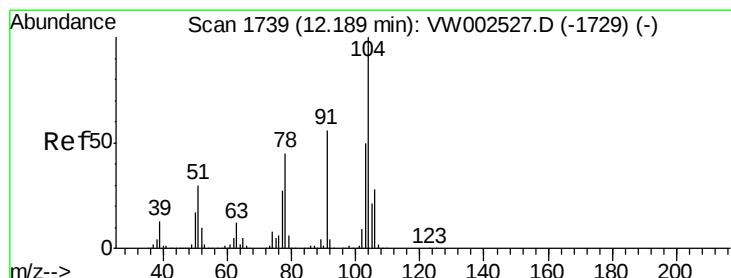
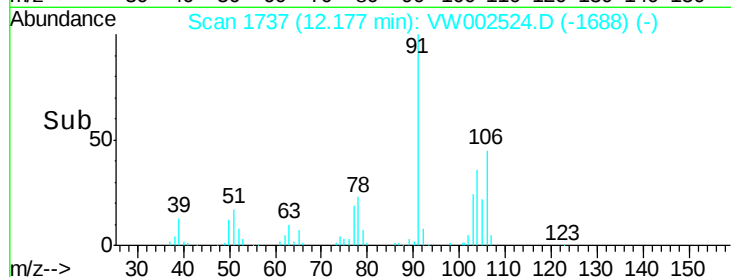
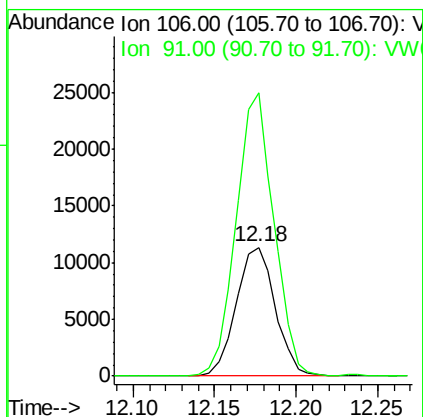
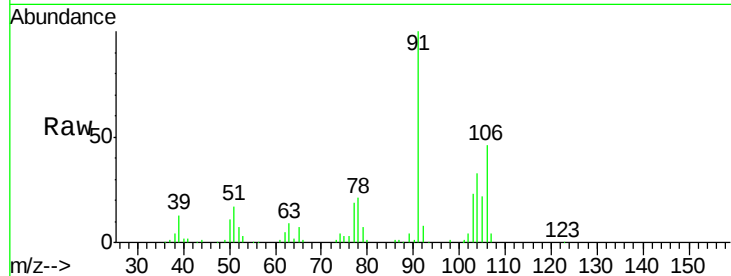
#69
o-Xylene
Concen: 4.53 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 18894
Ion Ratio Lower Upper
106 100
91 212.7 106.7 320.2

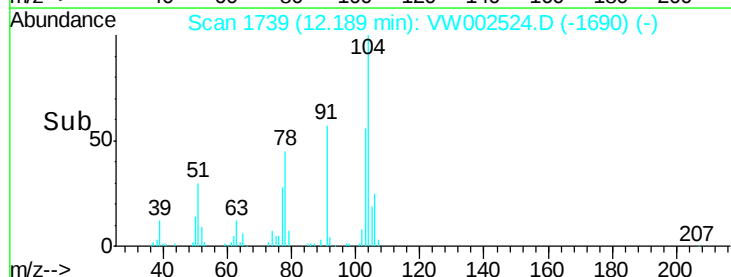
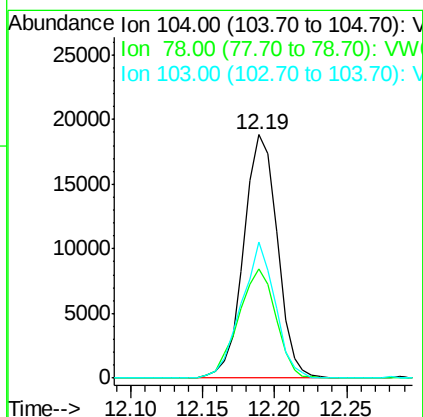
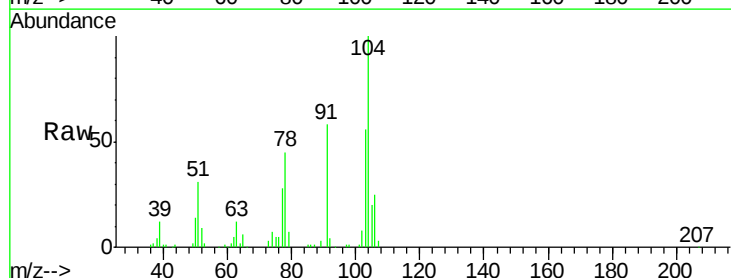
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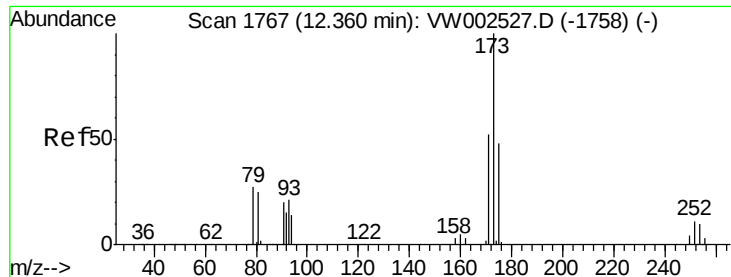
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#70
Styrene
Concen: 4.41 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion:104 Resp: 30541
Ion Ratio Lower Upper
104 100
78 49.7 40.1 60.1
103 56.5 44.6 66.8





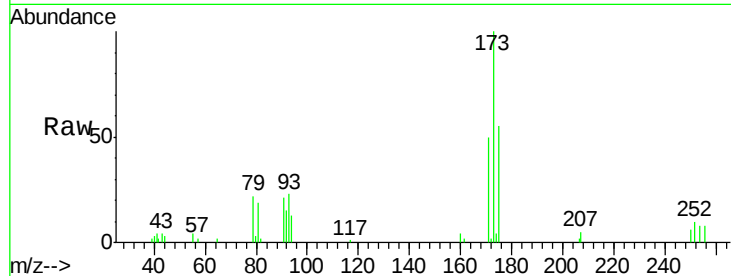
#71
Bromoform
Concen: 4.64 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.0	0.1	0.1#

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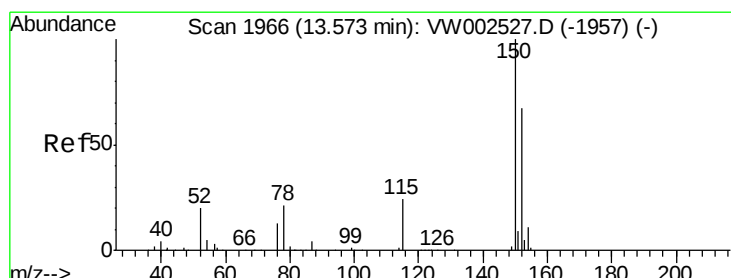
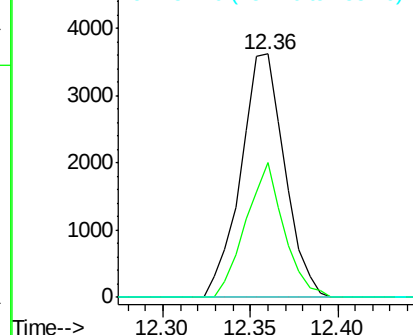
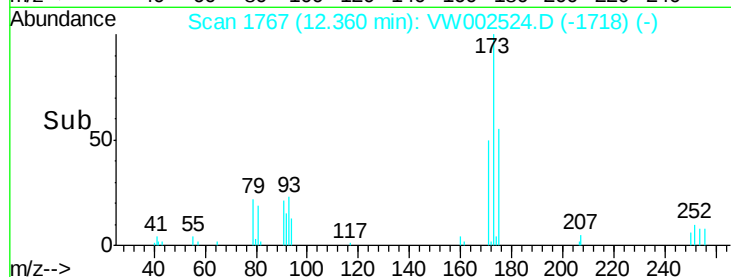


Abundance

Ion 172.70 (172.40 to 173.40): V

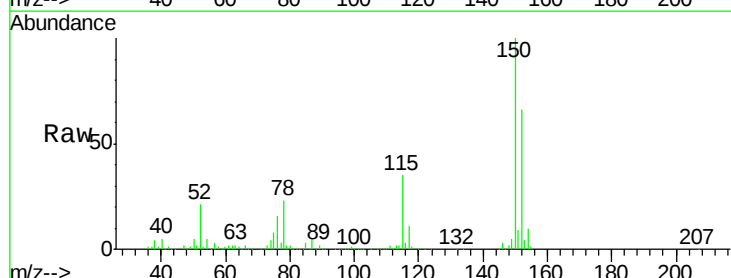
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	84.0
150	160.0	0.0	345.4

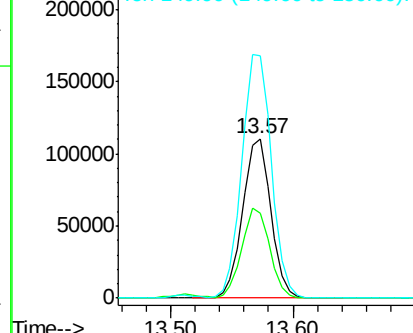
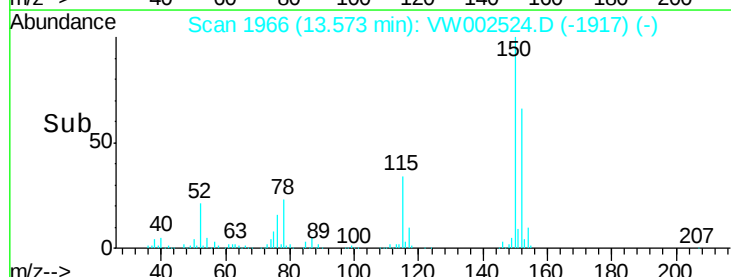


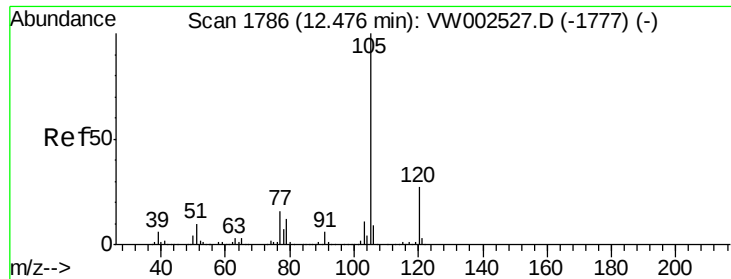
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.41 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 50304

Ion Ratio Lower Upper

105 100

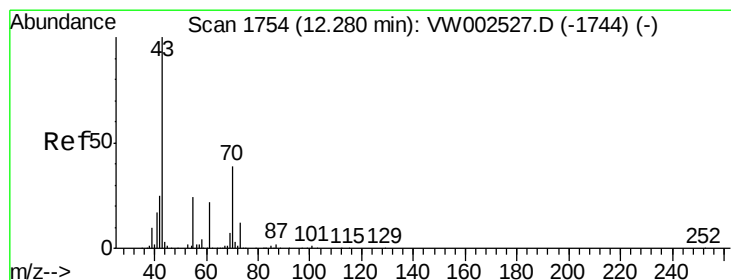
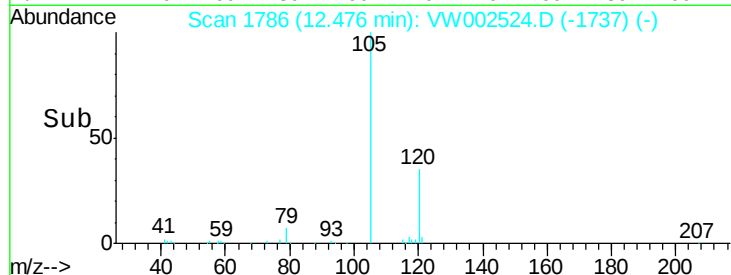
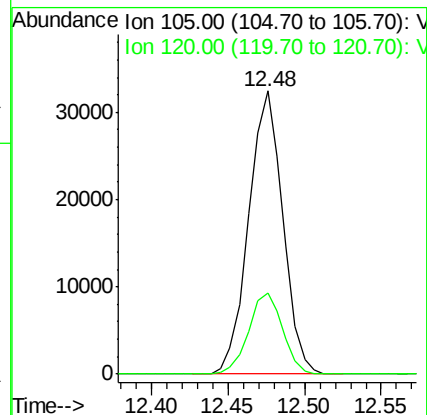
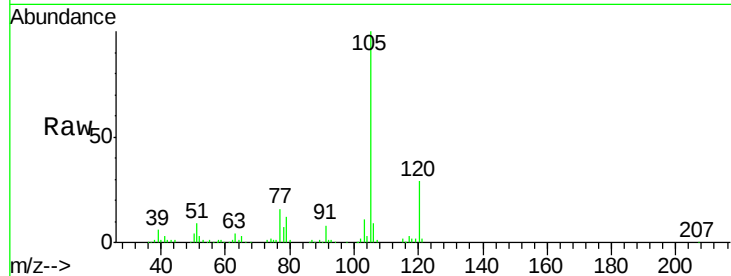
120 28.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 4.10 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion: 43 Resp: 11790

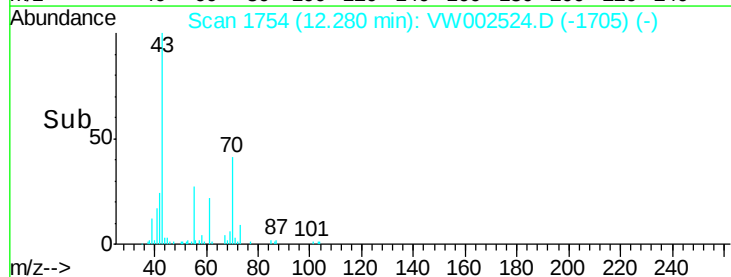
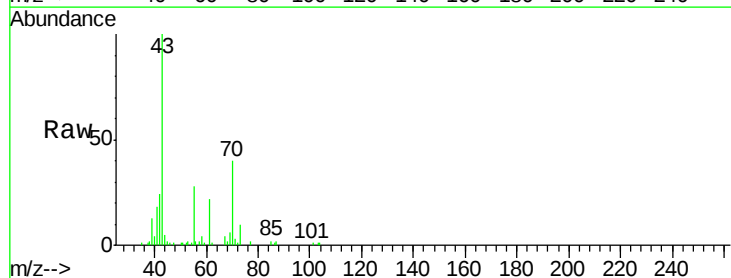
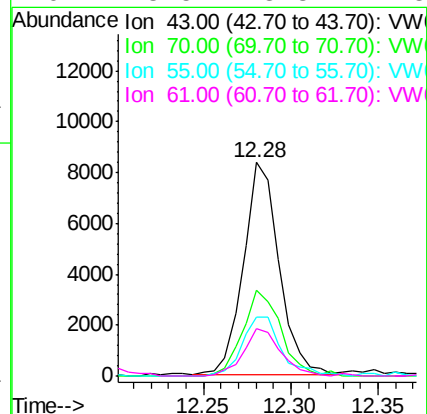
Ion Ratio Lower Upper

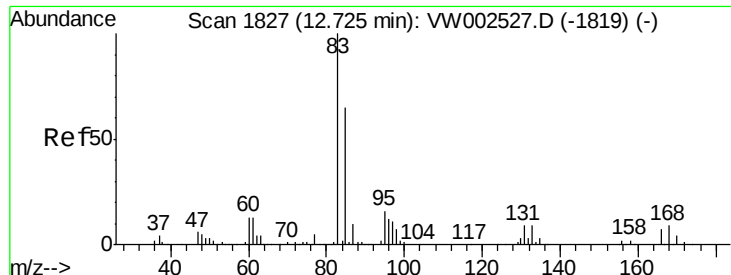
43 100

70 43.4 31.9 47.9

55 30.7 19.4 29.0#

61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 4.96 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

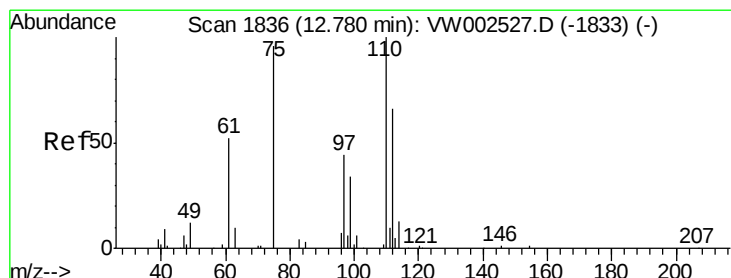
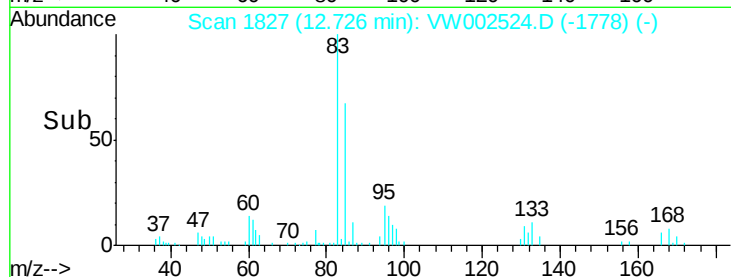
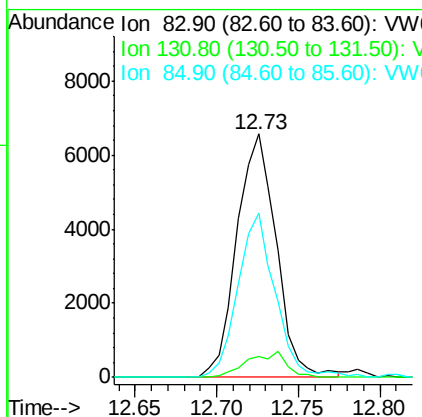
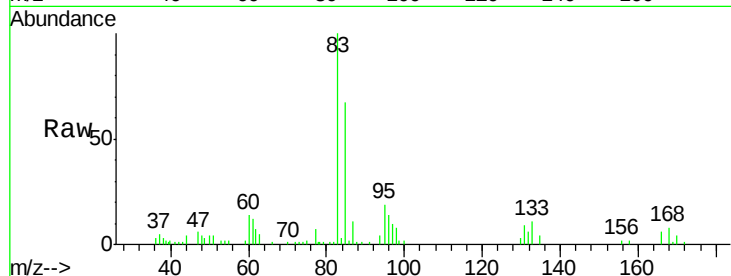
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	11052
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.0	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.10 ug/l m

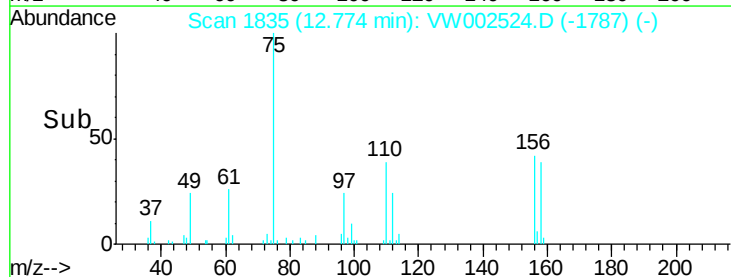
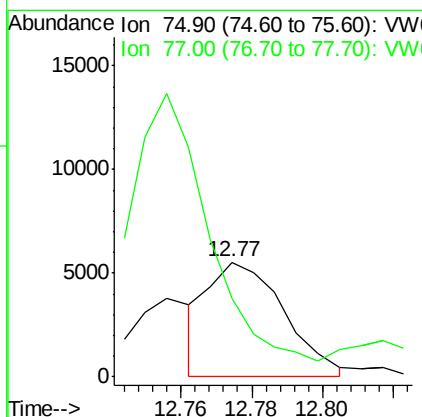
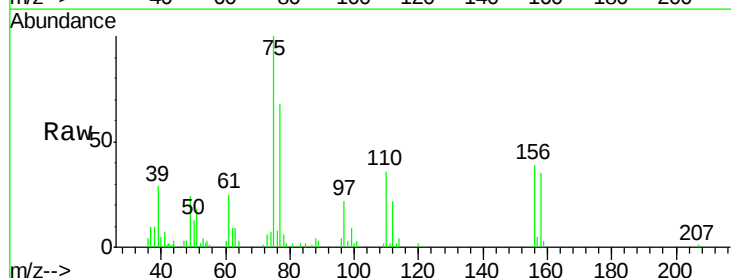
RT: 12.77 min Scan# 1835

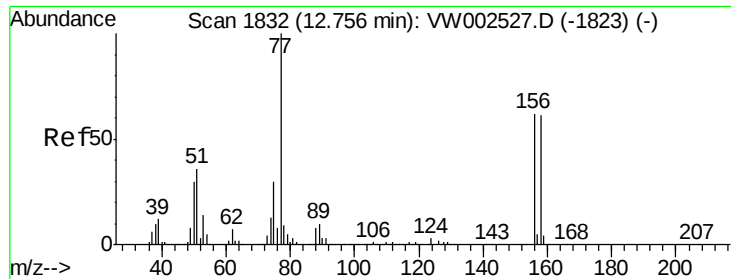
Delta R.T. -0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	75	Resp:	8304
Ion Ratio	Lower	Upper	
75	100		
77	284.4	0.0	0.0#





#77

Bromobenzene

Concen: 4.86 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

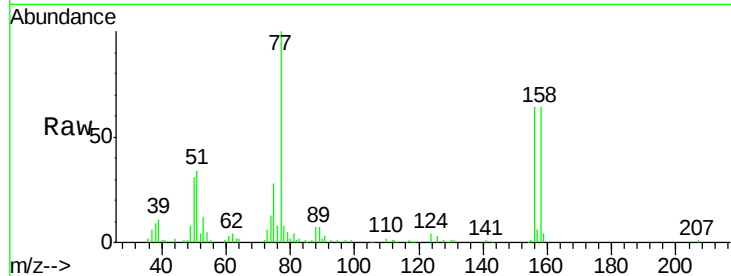
ClientSampled :

VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		13976		
77	169.0		89.8	269.4	
158	99.3		48.8	146.3	

Manual Integrations
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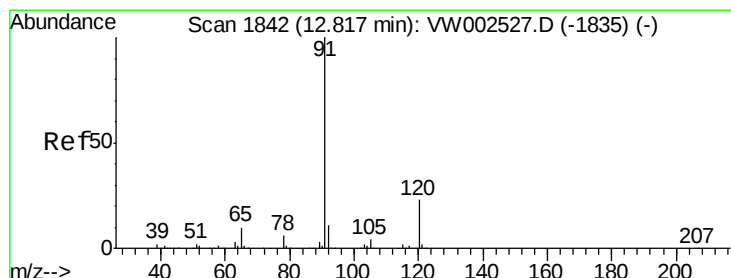
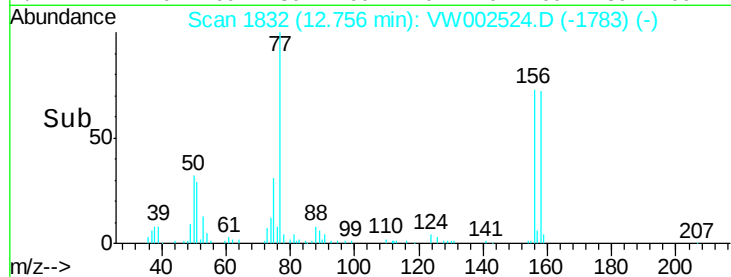
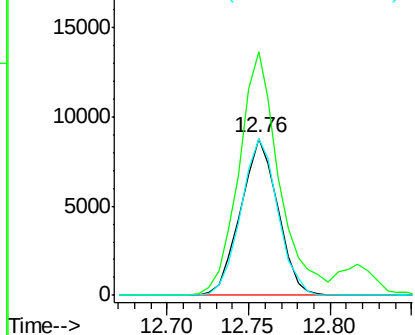
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.55 ug/l

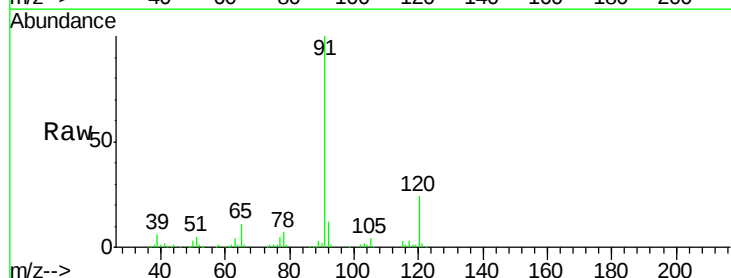
RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002524.D

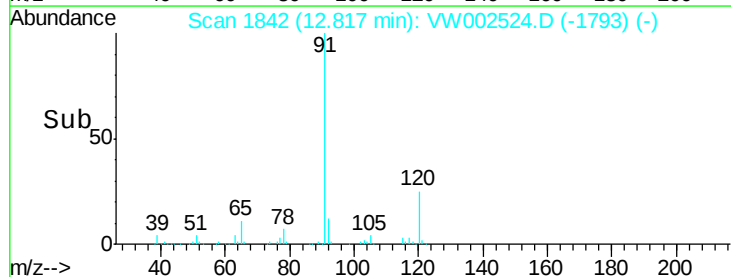
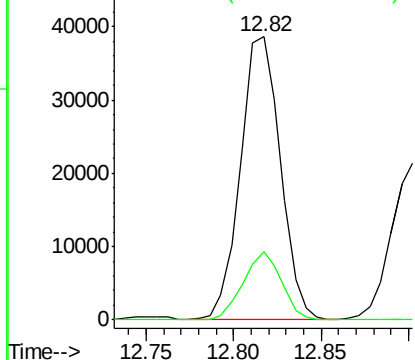
Acq: 14 May 2018 20:51

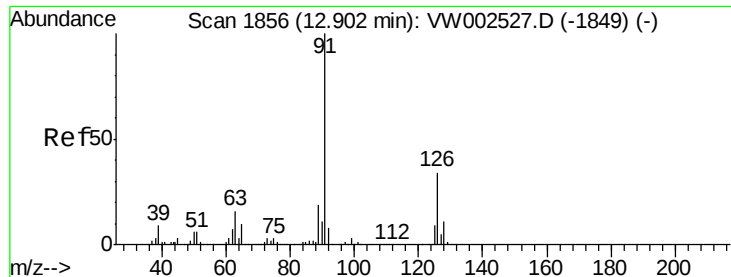
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		61528		
120	23.2		11.7	35.1	



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.53 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 35171

Ion Ratio Lower Upper

91 100

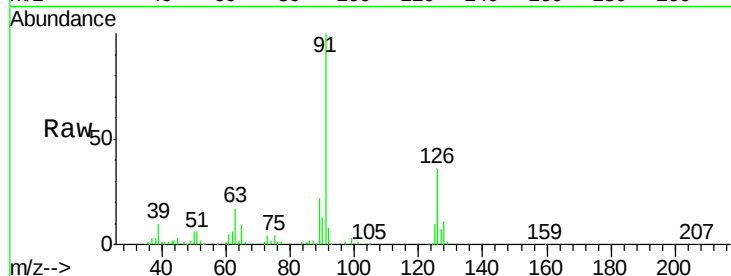
126 37.8 17.6 52.8

Manual Integrations

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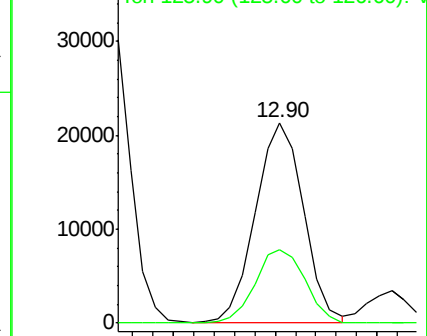
apatel

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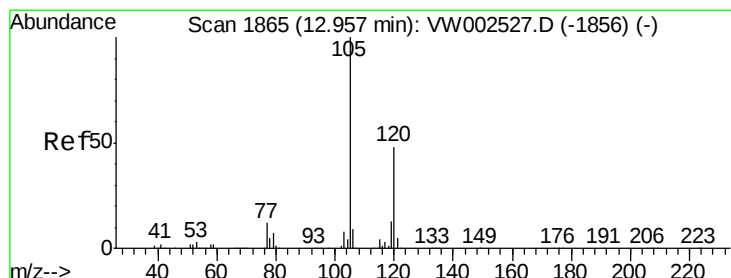
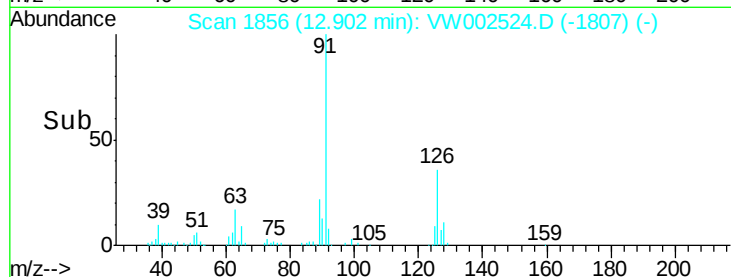


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.50 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002524.D

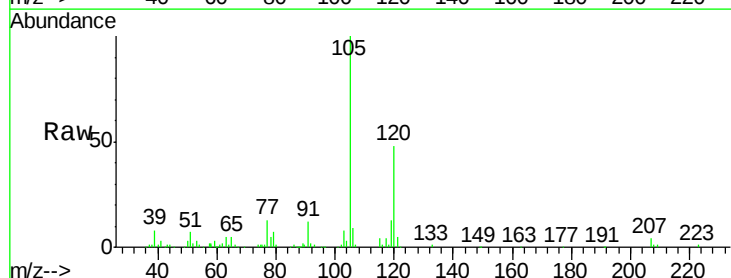
Acq: 14 May 2018 20:51

Tgt Ion:105 Resp: 43219

Ion Ratio Lower Upper

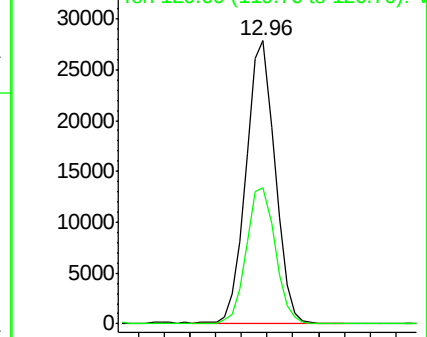
105 100

120 48.0 24.6 73.8

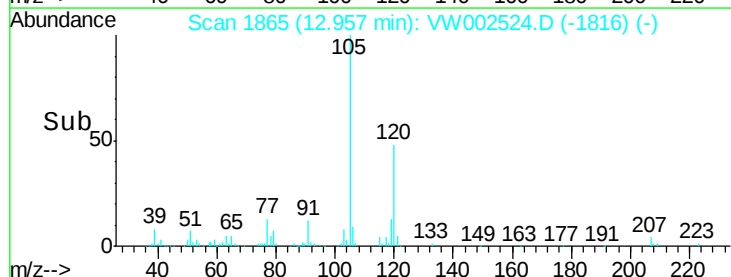


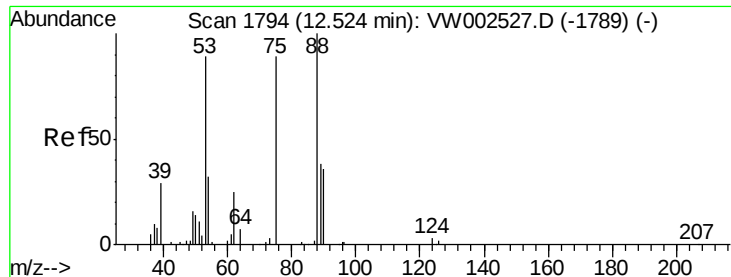
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 4.60 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

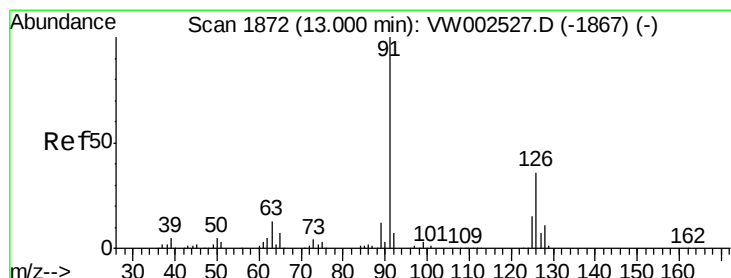
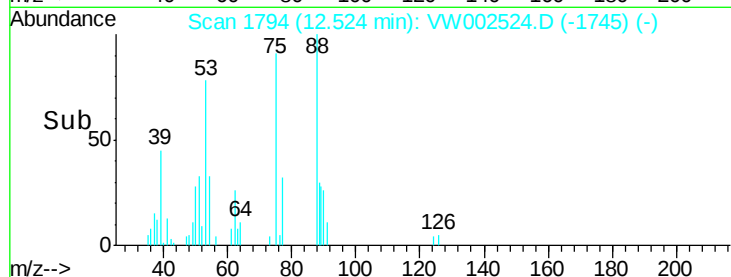
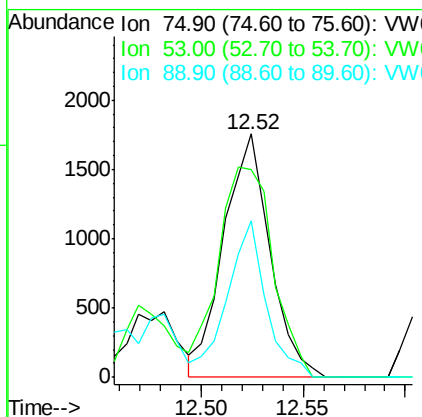
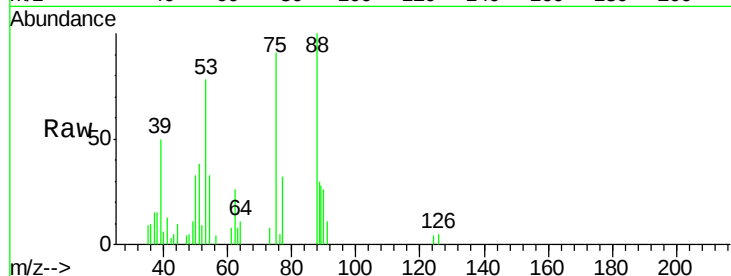
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	2757
Ion	Ratio	Lower	Upper
75	100		
53	102.4	82.6	124.0
89	54.0	39.2	58.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.69 ug/l

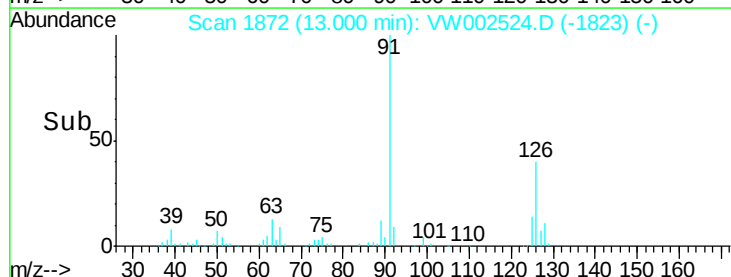
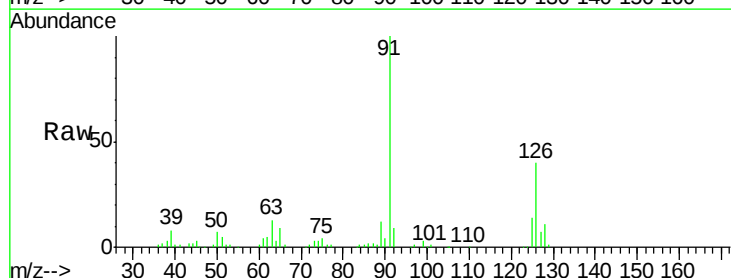
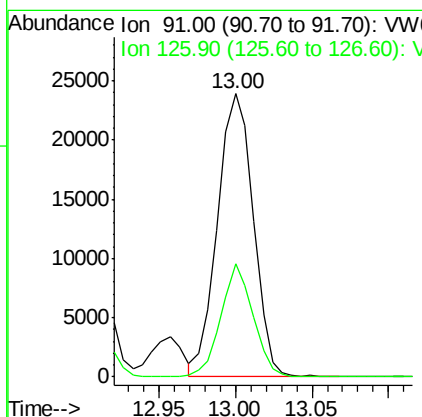
RT: 13.00 min Scan# 1872

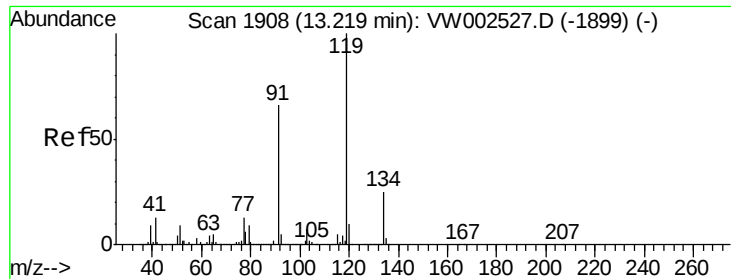
Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	91	Resp:	38819
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.5





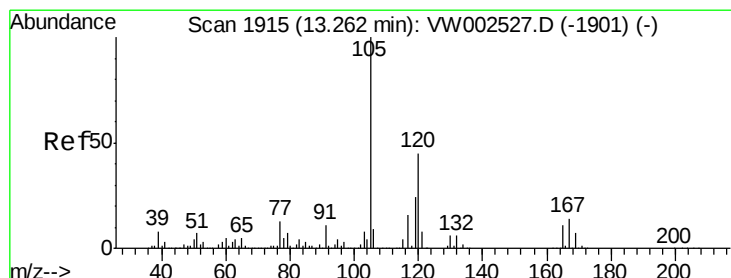
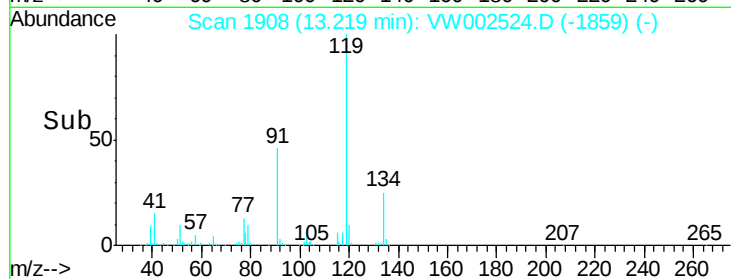
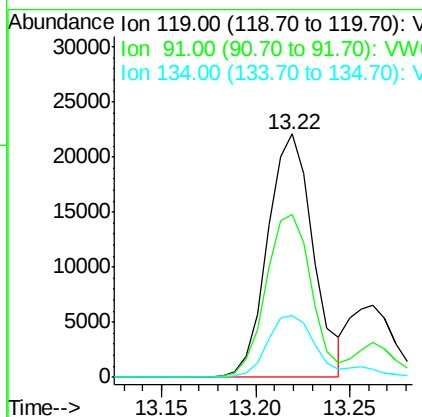
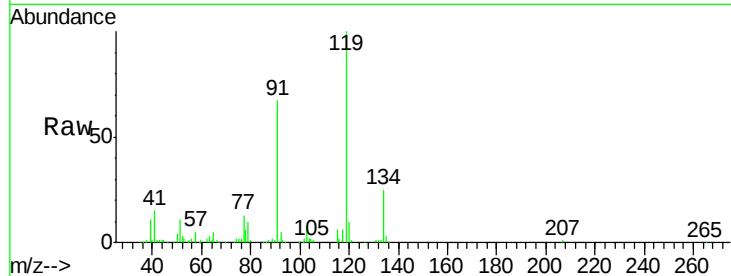
#83
tert-Butylbenzene
Concen: 4.49 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.5	97.5
134	29.2	13.2	39.6

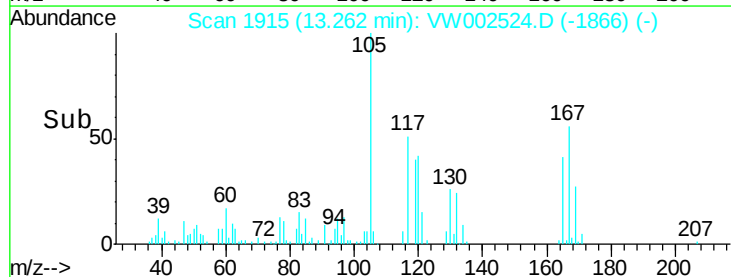
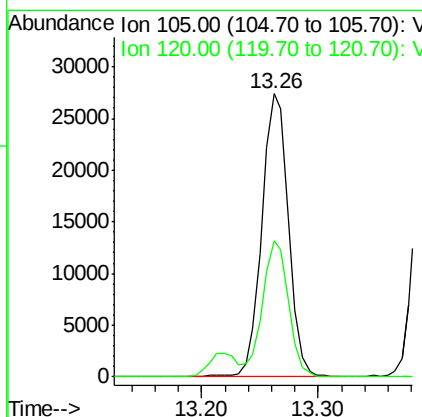
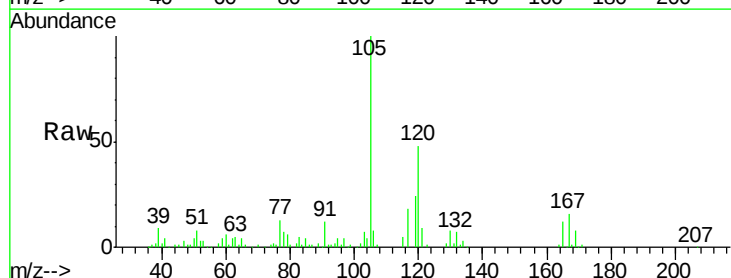
Manual Integrations
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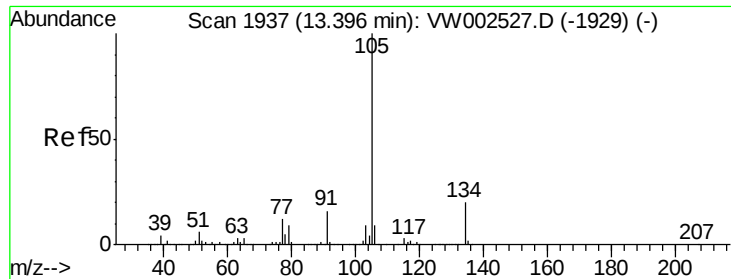
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 4.39 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.3	66.9





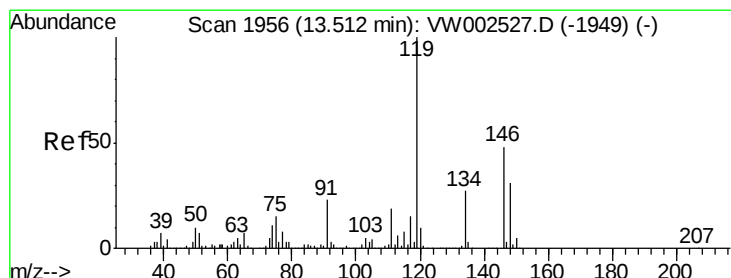
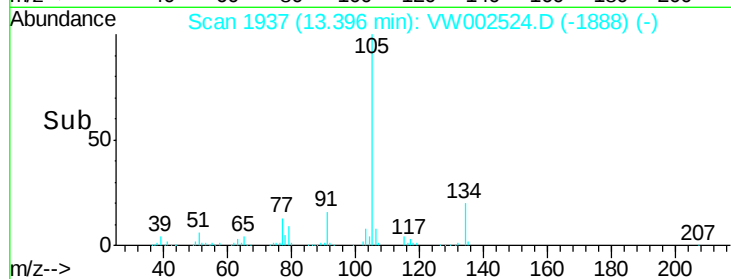
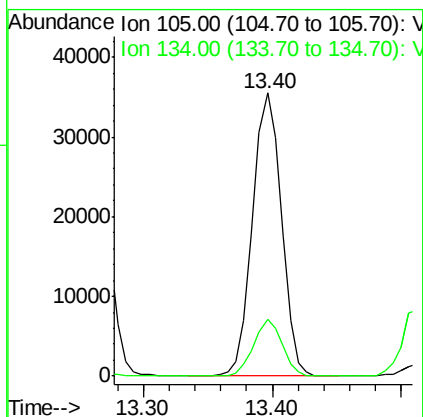
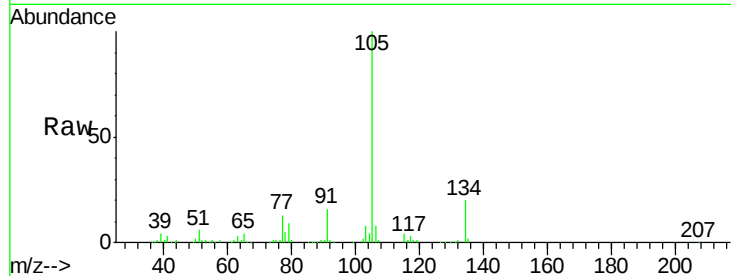
#85
 sec-Butylbenzene
 Concen: 4.65 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3

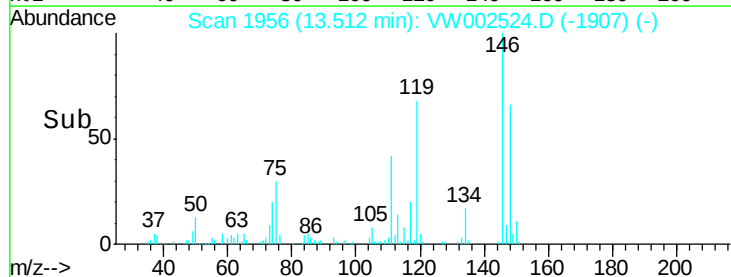
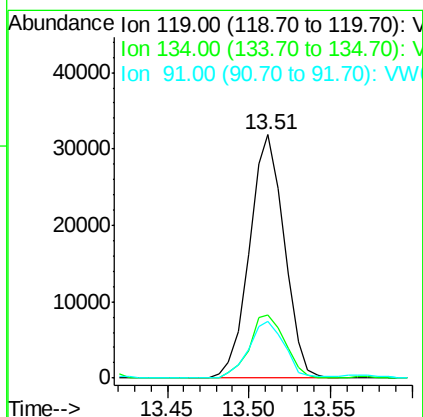
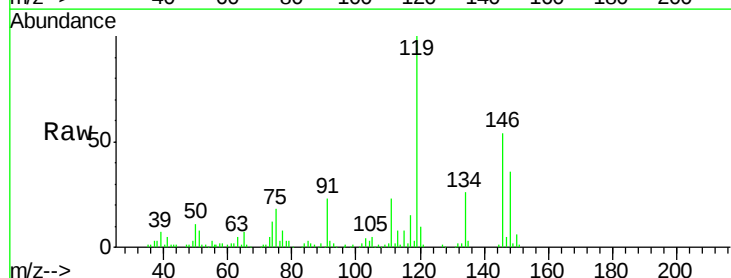
Manual Integrations
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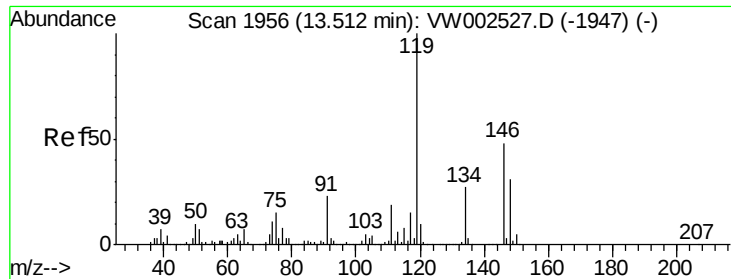
apatel
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#86
 p-Isopropyltoluene
 Concen: 4.48 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.1
91	24.2	11.6	34.8





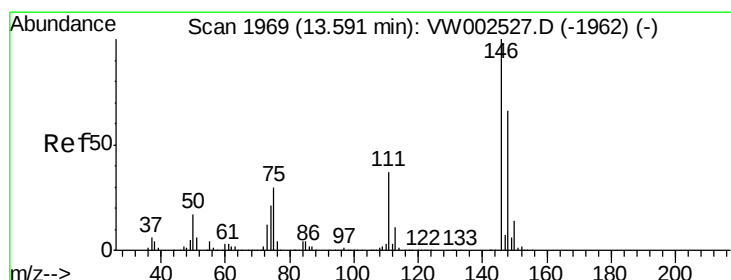
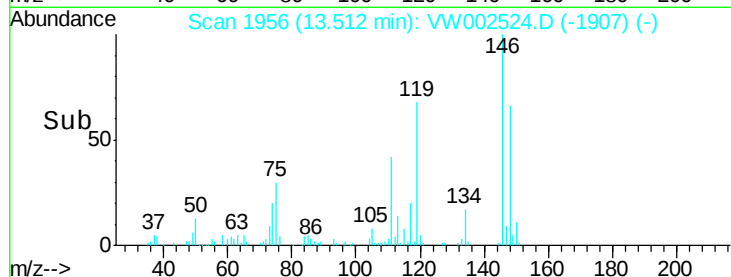
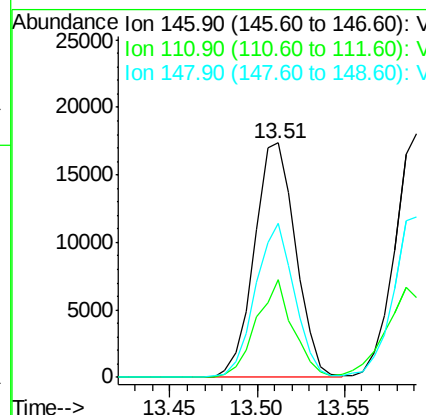
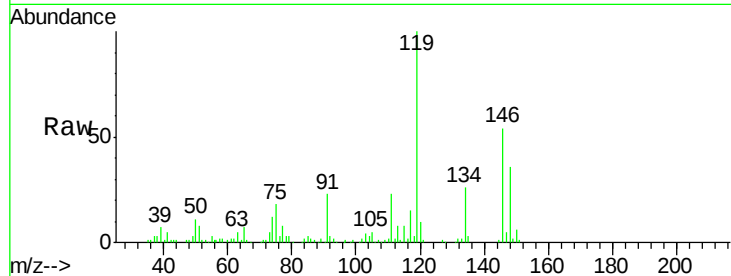
#87
1,3-Dichlorobenzene
Concen: 5.01 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.6	58.7
148	62.2	32.3	96.8

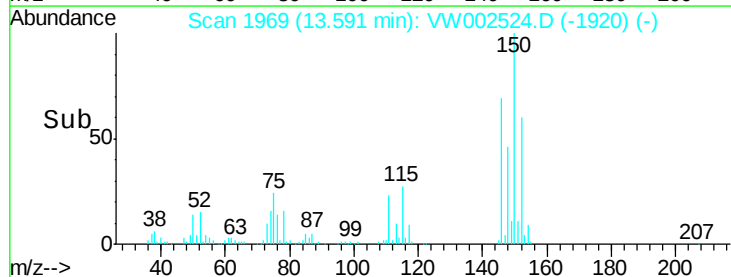
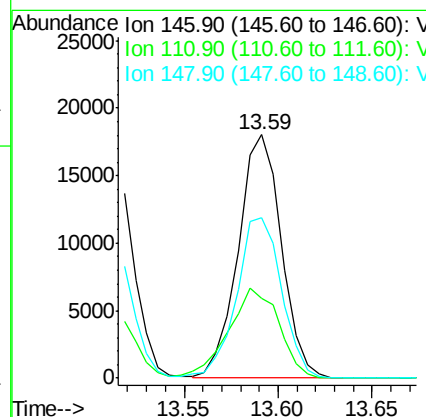
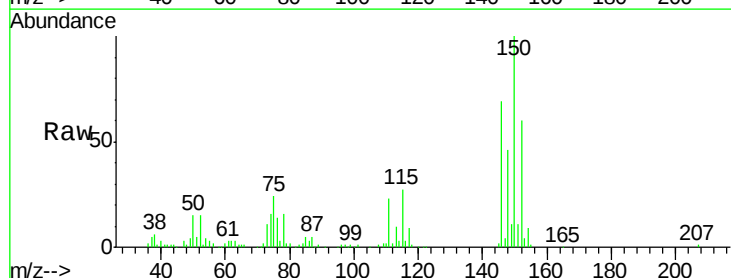
Manual Integrations
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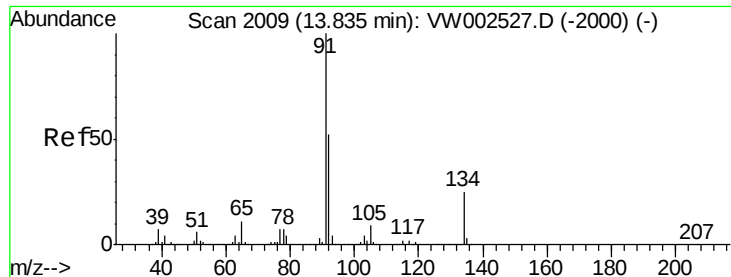
apatel
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#88
1,4-Dichlorobenzene
Concen: 5.03 ug/l
RT: 13.59 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	18.9	56.5
148	69.0	32.4	97.0





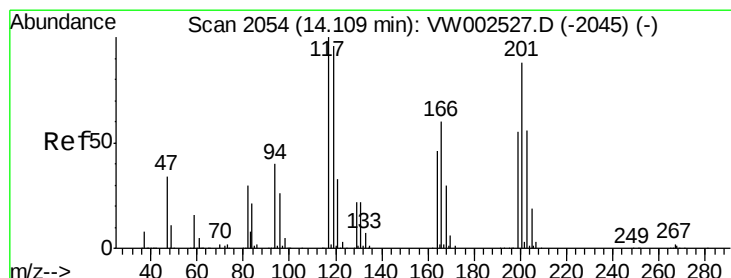
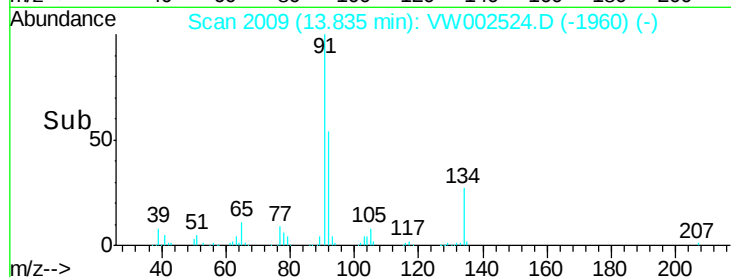
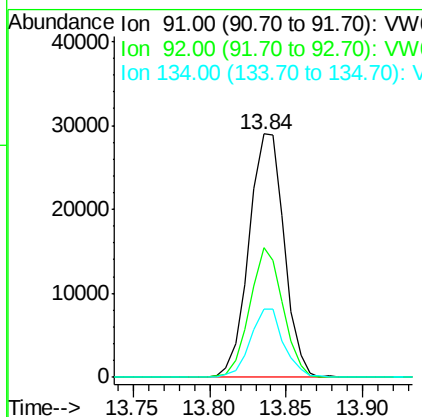
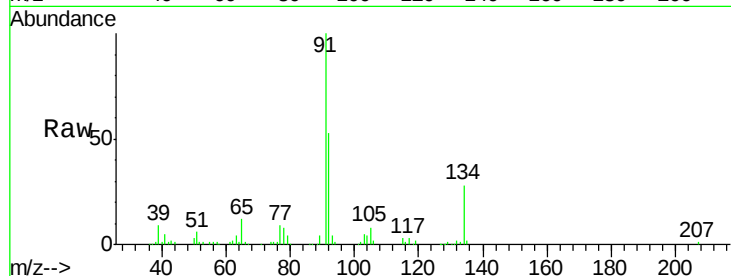
#89
n-Butylbenzene
Concen: 4.70 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.1	78.2
134	26.5	13.1	39.1

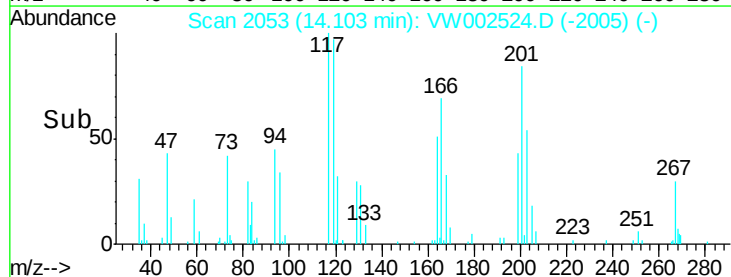
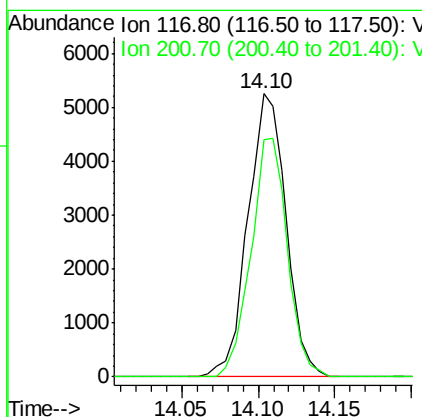
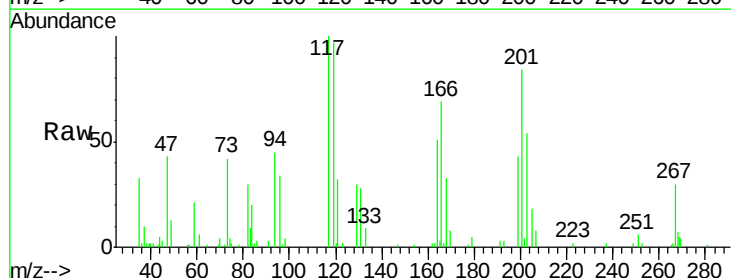
Manual Integrations
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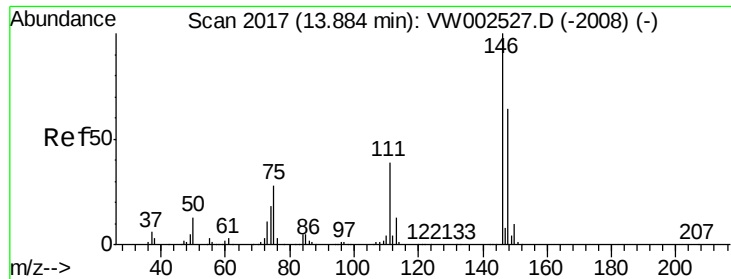
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#90
Hexachloroethane
Concen: 4.82 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002524.D
Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	42.0	126.0





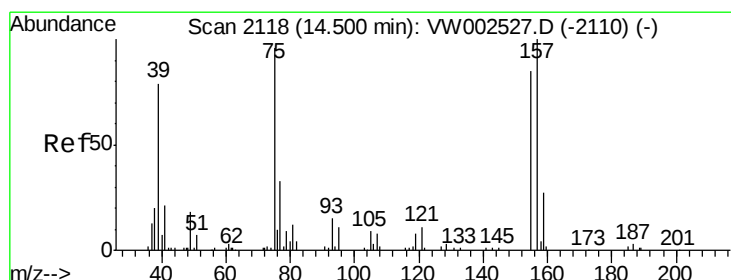
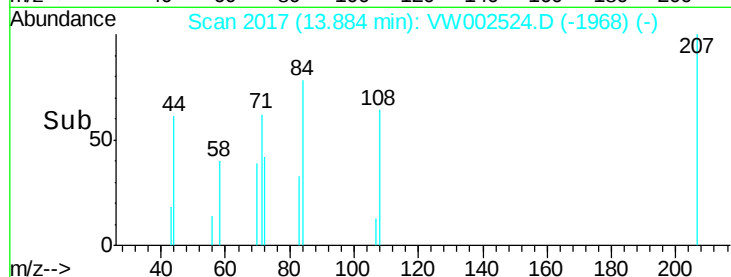
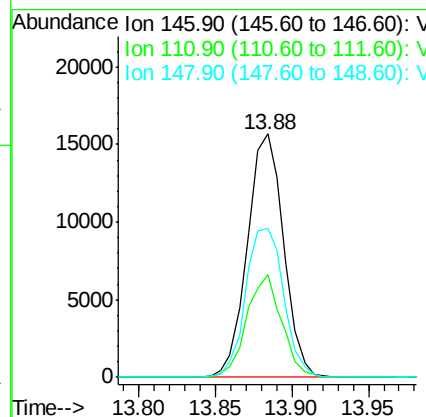
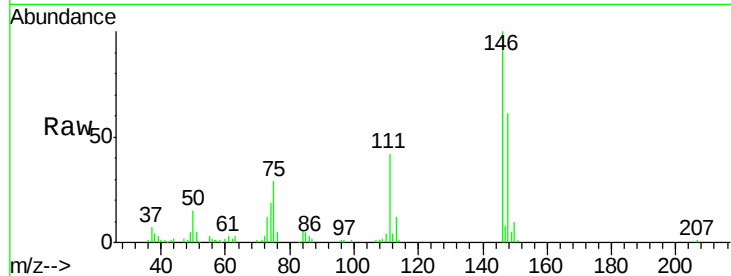
#91
 1,2-Dichlorobenzene
 Concen: 4.98 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.6
148	64.3	32.1	96.3

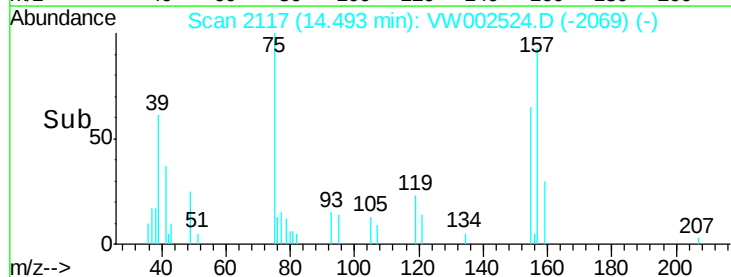
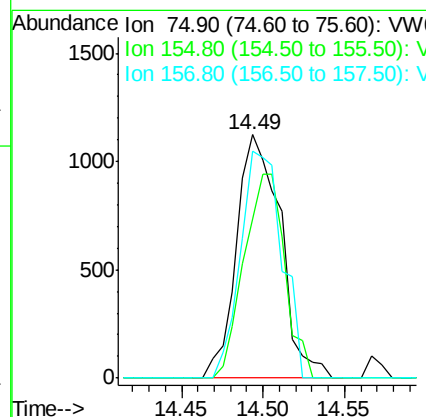
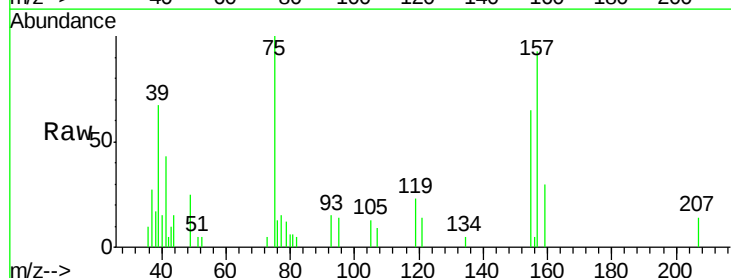
Manual Integrations
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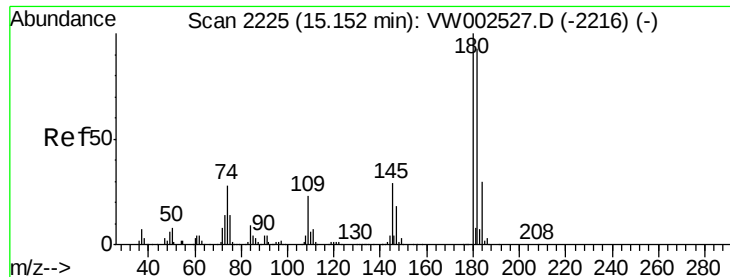
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.45 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	42.8	128.4
157	88.1	57.4	172.0





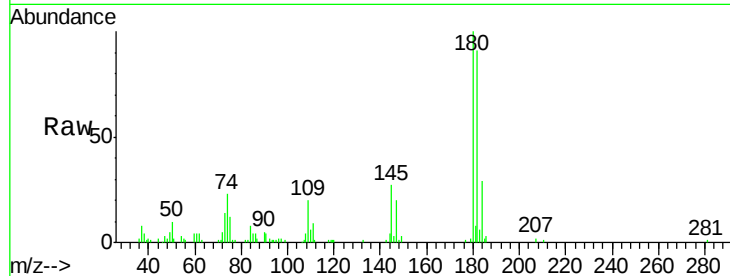
#93
 1,2,4-Trichlorobenzene
 Concen: 5.06 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

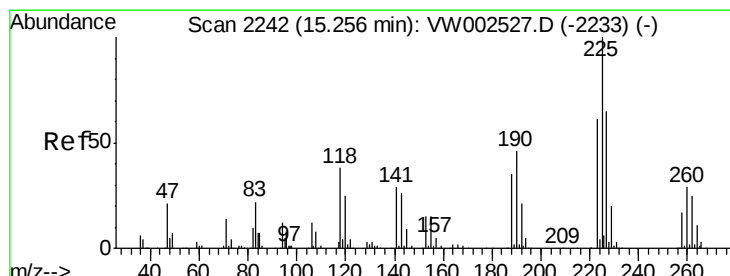
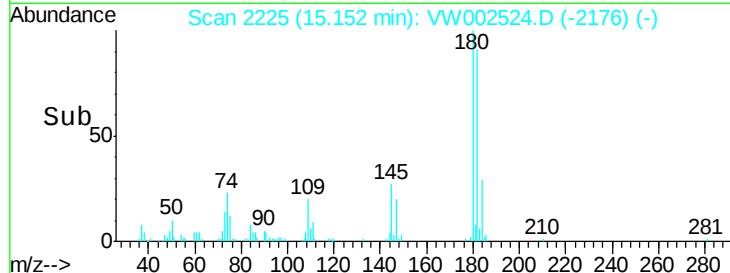
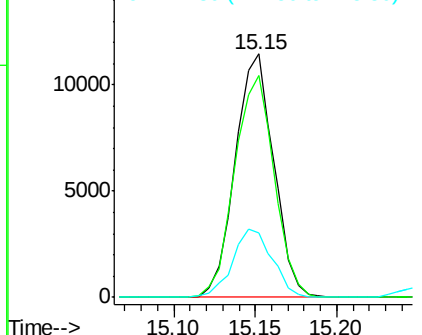
Tot Ion:	180	Resp:	18819
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.2	141.6
145	28.9	14.9	44.9

Manual Integrations
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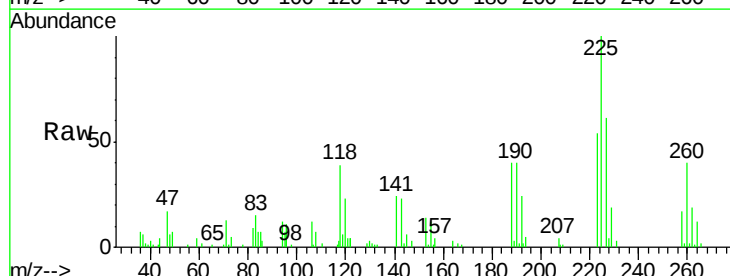


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

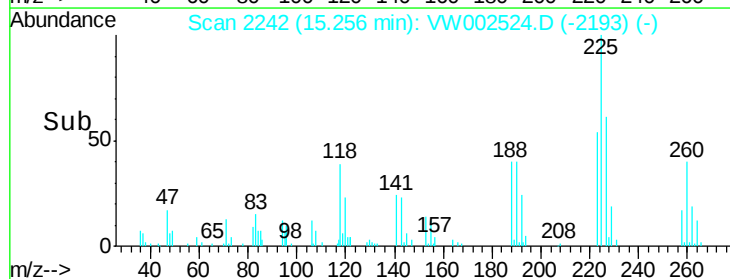
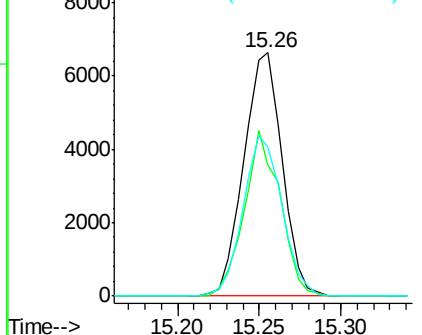


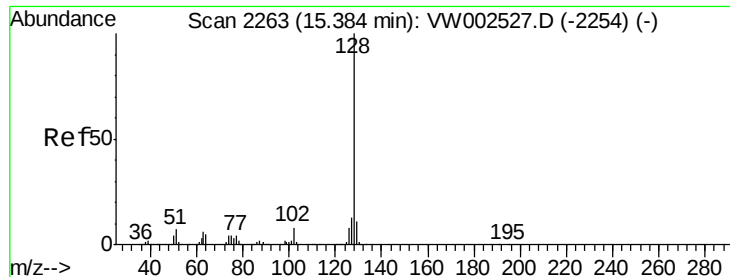
#94
 Hexachlorobutadiene
 Concen: 5.27 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: VW002524.D
 Acq: 14 May 2018 20:51

Tgt Ion:	225	Resp:	10906
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.9
227	66.6	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: 4.46 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Instrument :

MSVOA_W

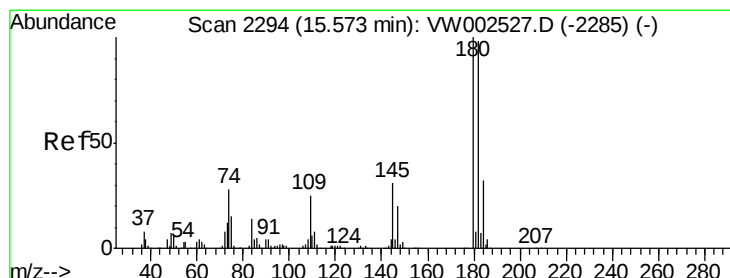
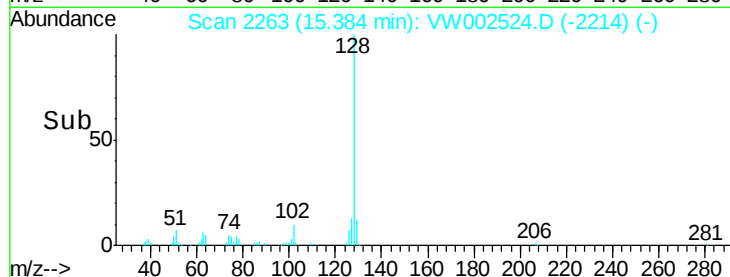
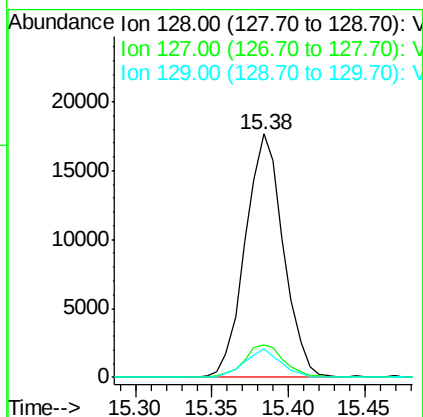
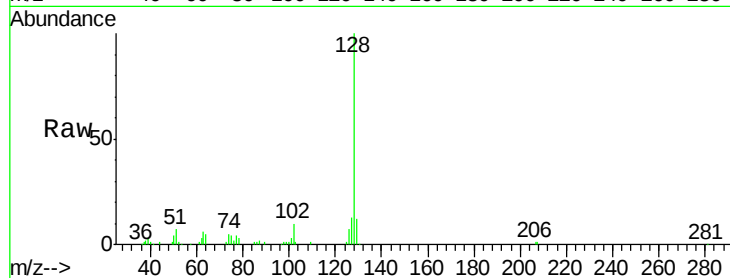
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	30573
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 5.03 ug/l

RT: 15.58 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VW002524.D

Acq: 14 May 2018 20:51

Tgt Ion:	180	Resp:	16776
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	141.8
145	31.0	15.5	46.5

