

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002526.D
 Acq On : 14 May 2018 21:41
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 5/15/2018 5:56:24 PM

Quant Time: May 15 03:16:20 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	230472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	325452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	46808	19.27	ug/l	0.00
Spiked Amount			Recovery	=	38.54%	
35) Dibromofluoromethane	7.88	113	43362	19.43	ug/l	0.00
Spiked Amount			Recovery	=	38.86%	
50) Toluene-d8	10.33	98	163837	19.20	ug/l	0.00
Spiked Amount			Recovery	=	38.40%	
62) 4-Bromofluorobenzene	12.63	95	58839	19.07	ug/l	0.00
Spiked Amount			Recovery	=	38.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	13733	15.87	ug/l	96
3) Chloromethane	2.21	50	32599	18.72	ug/l	99
4) Vinyl Chloride	2.36	62	49831	17.45	ug/l	96
5) Bromomethane	2.76	94	44116	19.06	ug/l	96
6) Chloroethane	2.92	64	36791	18.91	ug/l	99
7) Trichlorofluoromethane	3.24	101	22406	18.83	ug/l	97
8) Diethyl Ether	3.67	74	32780	24.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	38506	18.52	ug/l	95
10) Methyl Iodide	4.26	142	62022	18.54	ug/l	100
11) Tert butyl alcohol	5.19	59	16722	92.02	ug/l	97
12) 1,1-Dichloroethene	4.03	96	38194	18.63	ug/l	89
13) Acrolein	3.88	56	18727	120.47	ug/l	99
14) Allyl chloride	4.65	41	56775	18.77	ug/l	100
15) Acrylonitrile	5.36	53	50807	96.93	ug/l	99
16) Acetone	4.12	43	52690	108.66	ug/l	98
17) Carbon Disulfide	4.36	76	105052	17.78	ug/l	97
18) Methyl Acetate	4.67	43	25781	17.78	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70360	19.34	ug/l	96
20) Methylene Chloride	4.91	84	44282	19.45	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	41526	18.74	ug/l	100
22) Diisopropyl ether	6.31	45	126900	19.07	ug/l	99
23) Vinyl Acetate	6.25	43	386420	96.57	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76270	18.96	ug/l	97
25) 2-Butanone	7.18	43	70656	98.72	ug/l	100
26) 2,2-Dichloropropane	7.16	77	41298	20.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	48001	19.14	ug/l	98
28) Bromochloromethane	7.51	49	34112	18.63	ug/l	98
29) Tetrahydrofuran	7.53	42	43562	93.28	ug/l	98
30) Chloroform	7.67	83	80922	19.16	ug/l	94
31) Cyclohexane	7.95	56	63905	17.84	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	60630	19.03	ug/l	100
36) 1,1-Dichloropropene	8.08	75	59148	18.71	ug/l	98
37) Ethyl Acetate	7.26	43	30661	19.72	ug/l	98
38) Carbon Tetrachloride	8.07	117	57407	18.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	65886	17.91	ug/l	95
40) Benzene	8.32	78	174044	18.92	ug/l	96
41) Methacrylonitrile	7.49	41	15842	18.14	ug/l	93
42) 1,2-Dichloroethane	8.40	62	55432	19.21	ug/l	100
43) Isopropyl Acetate	8.43	43	57167	19.38	ug/l	100
44) Trichloroethene	9.09	130	47821	19.02	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45094	19.47	ug/l	94
46) Dibromomethane	9.46	93	25374	19.54	ug/l	96
47) Bromodichloromethane	9.65	83	58102	19.00	ug/l	99
48) Methyl methacrylate	9.44	41	27097	18.95	ug/l	99
49) 1,4-Dioxane	9.45	88	8076	385.47	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	155348	95.07	ug/l	100
52) Toluene	10.40	92	110762	18.96	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58991	19.46	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	65773	19.10	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36077	19.71	ug/l	98
56) Ethyl methacrylate	10.65	69	42485	18.75	ug/l	96
57) 1,3-Dichloropropane	10.94	76	60847	19.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	106564	96.75	ug/l	100
59) 2-Hexanone	10.98	43	108822	97.19	ug/l	98
60) Dibromochloromethane	11.13	129	42242	19.53	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34581	19.39	ug/l	100
64) Tetrachloroethene	10.87	164	45138	18.27	ug/l	97
65) Chlorobenzene	11.66	112	128417	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	45701	19.34	ug/l	99
67) Ethyl Benzene	11.74	91	213520	18.74	ug/l	99
68) m/p-Xylenes	11.85	106	168643	38.39	ug/l	99
69) o-Xylene	12.18	106	80249	19.20	ug/l	99
70) Styrene	12.19	104	131886	19.02	ug/l	99
71) Bromoform	12.36	173	26247	19.22	ug/l #	99
73) Isopropylbenzene	12.48	105	212645	18.21	ug/l	100
74) N-amyl acetate	12.28	43	54033	18.34	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	43890	19.23	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	33742m	20.24	ug/l	
77) Bromobenzene	12.76	156	55167	18.72	ug/l	98
78) n-propylbenzene	12.82	91	259389	18.74	ug/l	99
79) 2-Chlorotoluene	12.90	91	148286	18.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	183757	18.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11631	18.96	ug/l	98
82) 4-Chlorotoluene	13.00	91	162175	19.13	ug/l	99
83) tert-Butylbenzene	13.22	119	158416	18.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192740	18.90	ug/l	100
85) sec-Butylbenzene	13.40	105	226185	18.69	ug/l	99
86) p-Isopropyltoluene	13.51	119	203969	18.81	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112350	19.27	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	113115	19.42	ug/l	99
89) n-Butylbenzene	13.83	91	193269	19.06	ug/l	99
90) Hexachloroethane	14.11	117	35445	18.30	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	102793	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7898	20.00	ug/l	94

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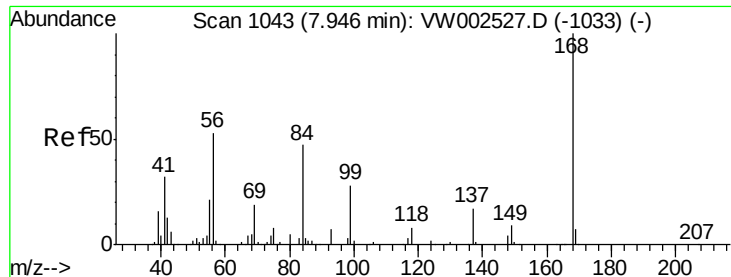
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	74751	19.64	ug/l	98
94) Hexachlorobutadiene	15.25	225	41722	19.69	ug/l	98
95) Naphthalene	15.38	128	134836	19.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68592	20.08	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: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 230472

Ion Ratio Lower Upper

168 100

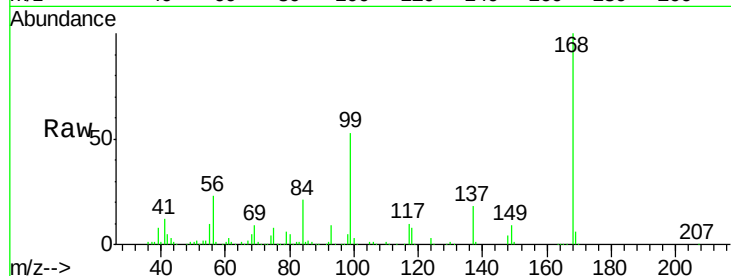
99 52.4 42.6 64.0

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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

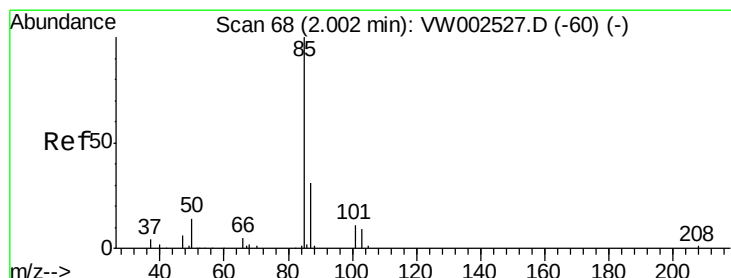
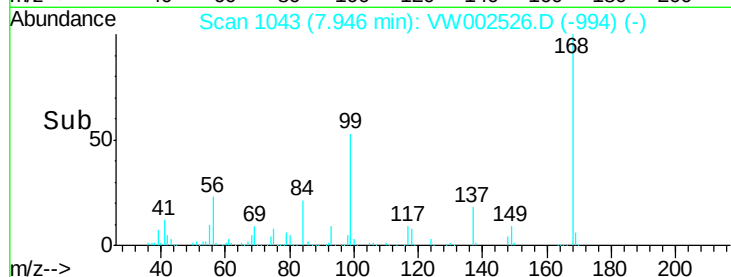
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 15.87 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002526.D

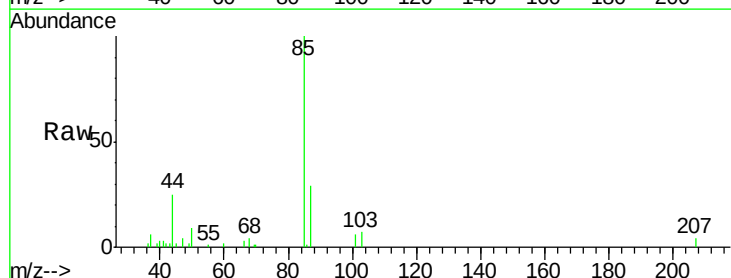
Acq: 14 May 2018 21:41

Tgt Ion: 85 Resp: 13733

Ion Ratio Lower Upper

85 100

87 28.8 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

5000

4000

3000

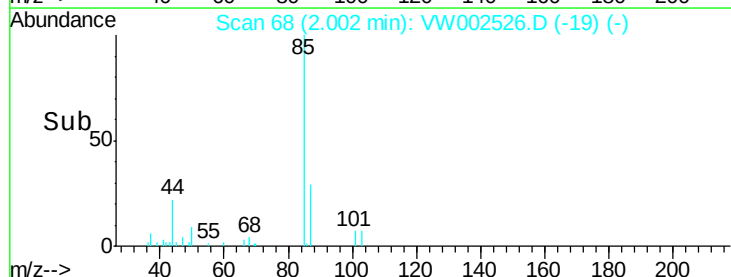
2000

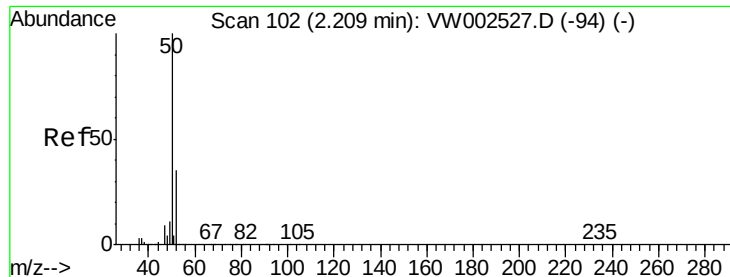
1000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 18.72 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 32599

Ion Ratio Lower Upper

50 100

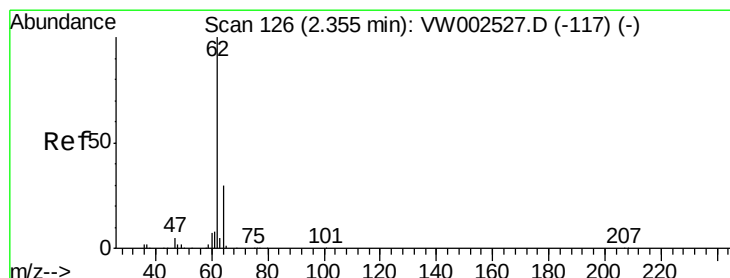
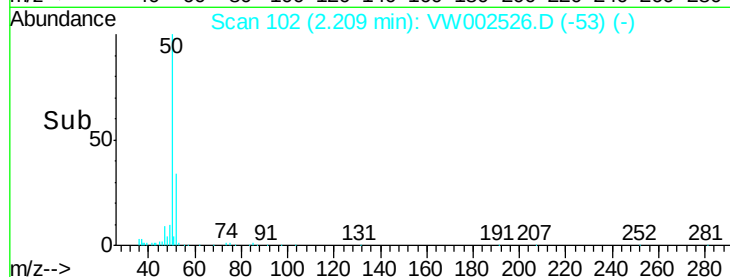
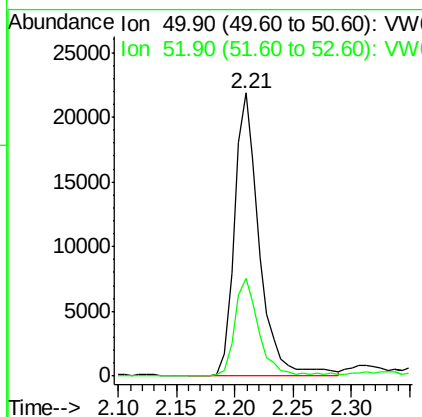
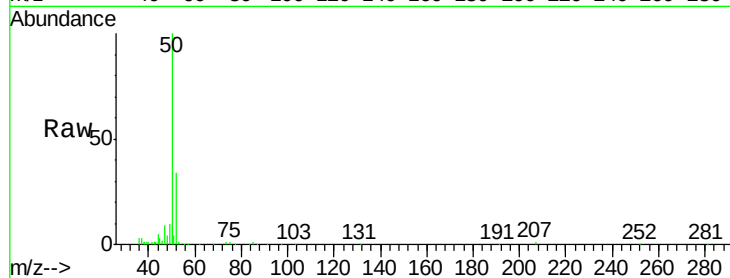
52 34.5 27.8 41.8

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#4

Vinyl Chloride

Concen: 17.45 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002526.D

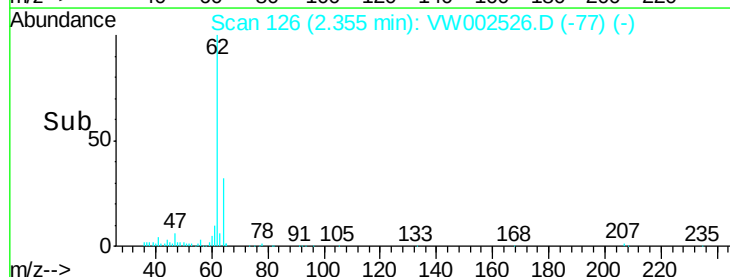
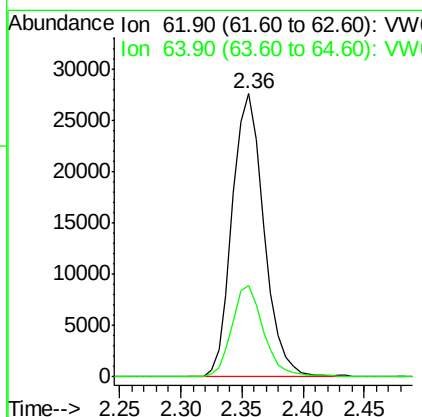
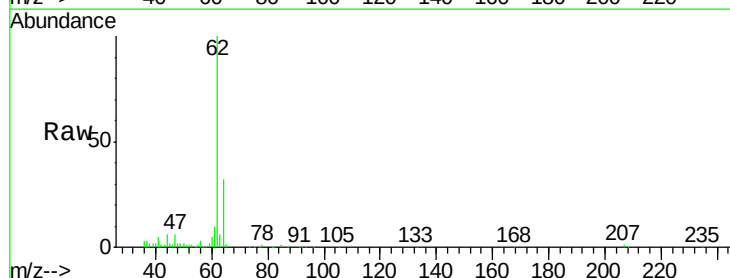
Acq: 14 May 2018 21:41

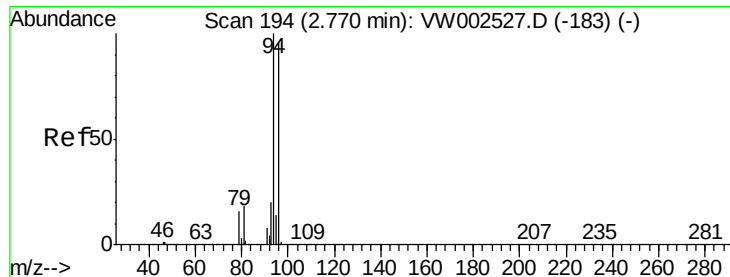
Tgt Ion: 62 Resp: 49831

Ion Ratio Lower Upper

62 100

64 32.1 24.0 36.0





#5

Bromomethane

Concen: 19.06 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 44116

Ion Ratio Lower Upper

94 100

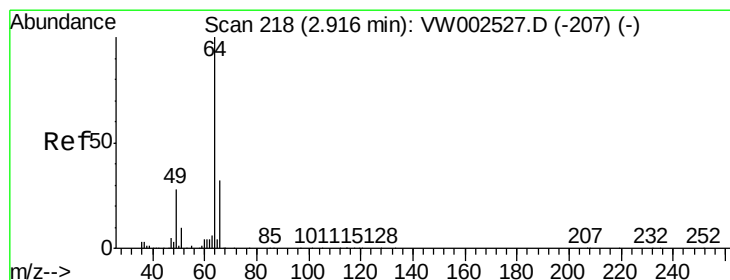
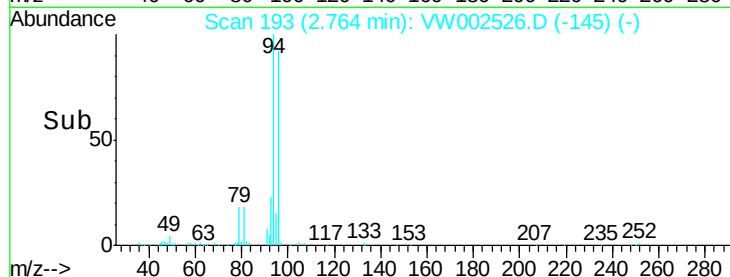
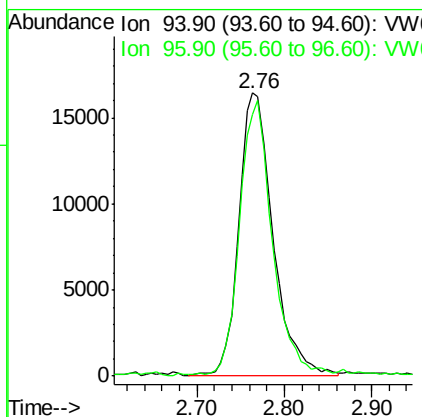
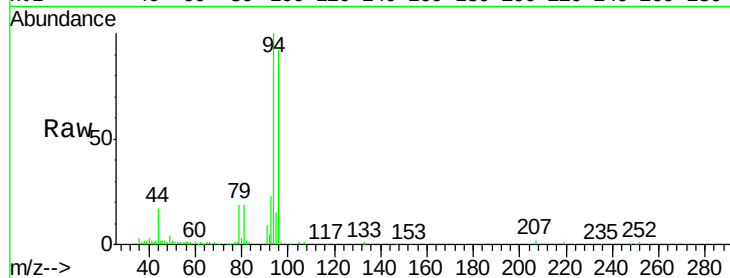
96 92.3 77.0 115.4

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#6

Chloroethane

Concen: 18.91 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002526.D

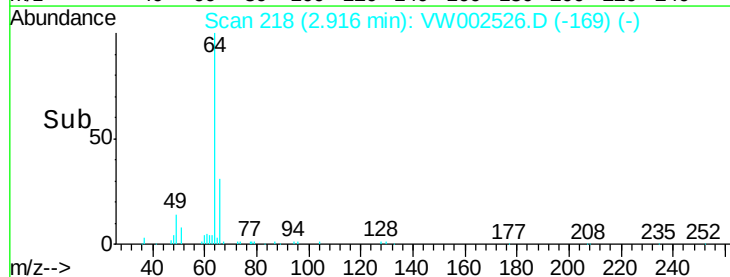
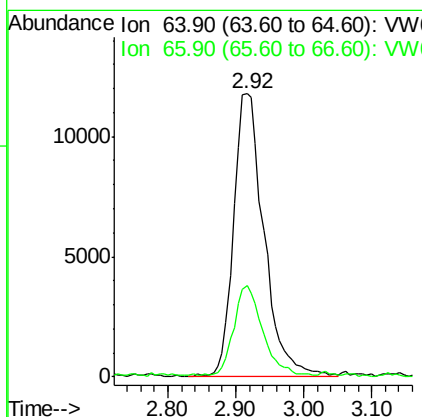
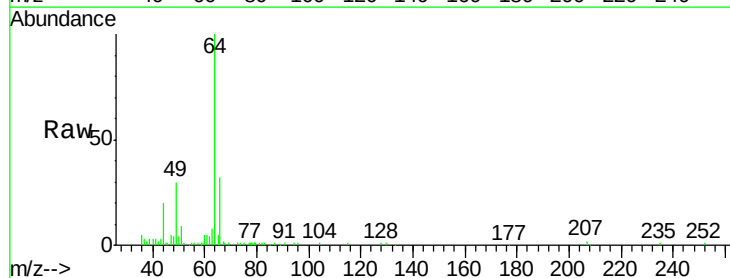
Acq: 14 May 2018 21:41

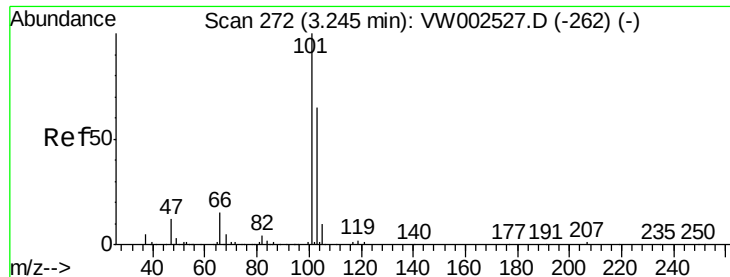
Tgt Ion: 64 Resp: 36791

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8





#7

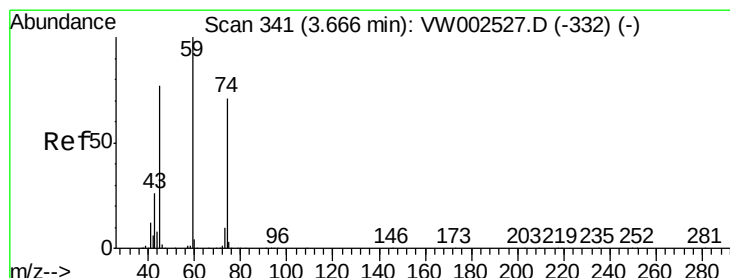
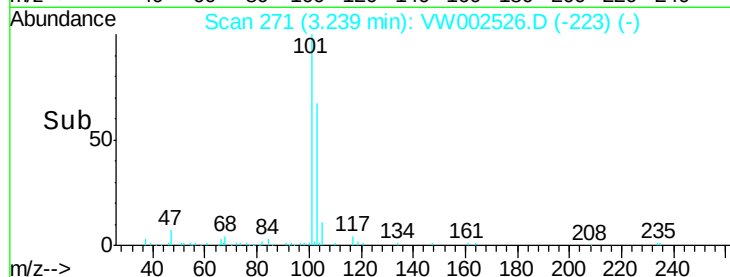
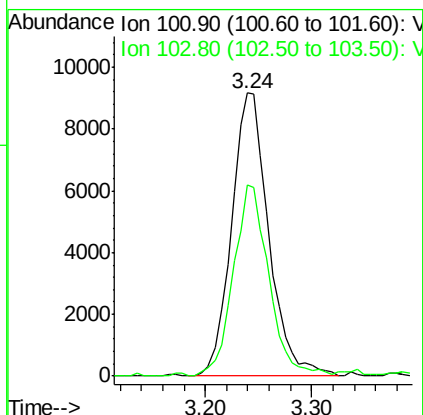
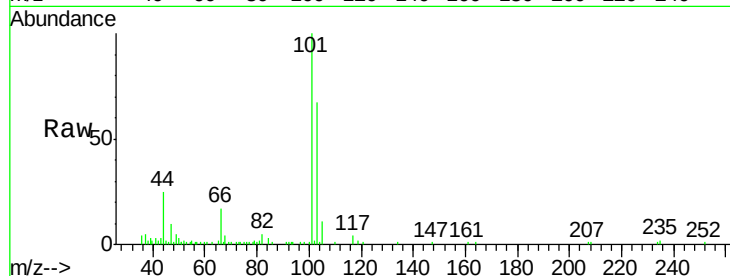
Trichlorofluoromethane
Concen: 18.83 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.8	77.8

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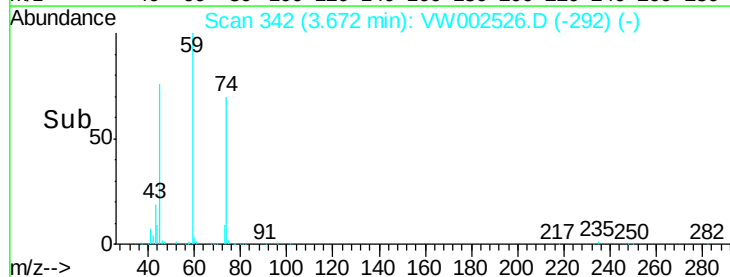
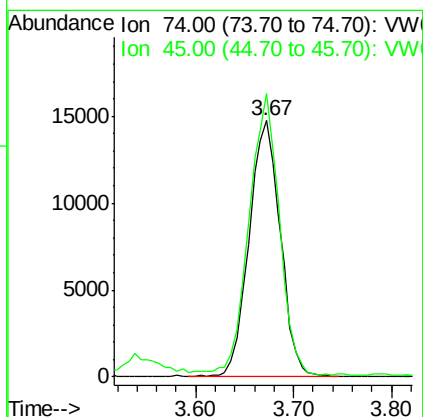
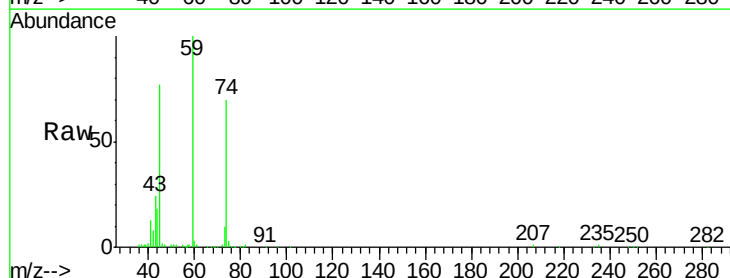
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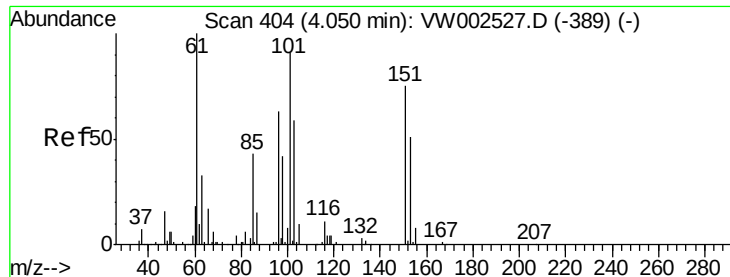


#8

Diethyl Ether
Concen: 24.45 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.52 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

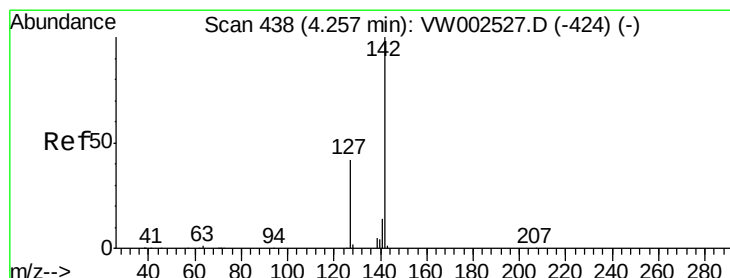
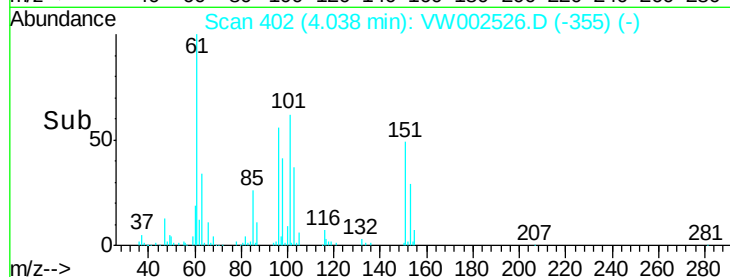
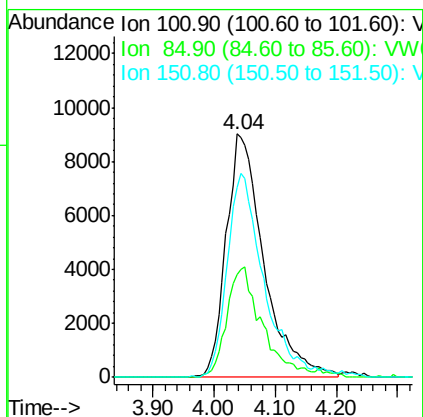
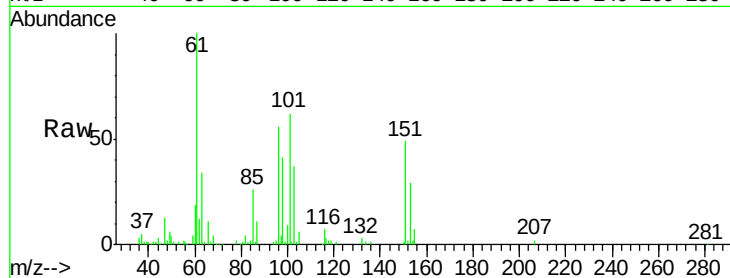
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	38506
Ion Ratio	Lower	Upper	
101	100		
85	42.3	36.5	54.7
151	79.5	66.7	100.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.54 ug/l

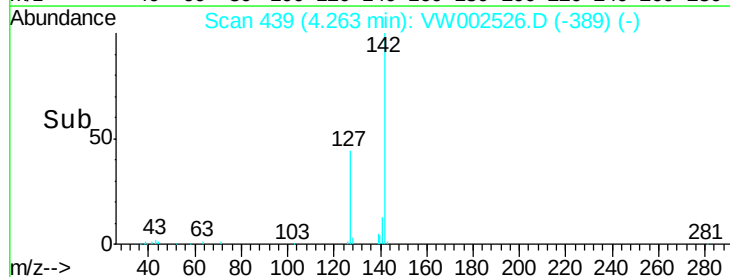
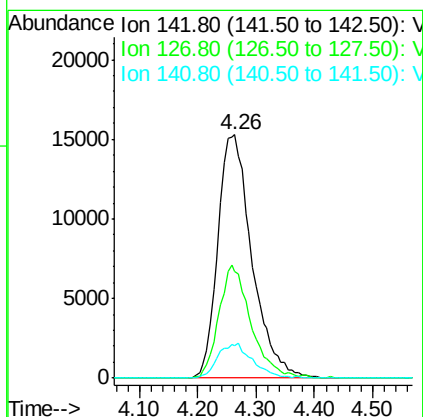
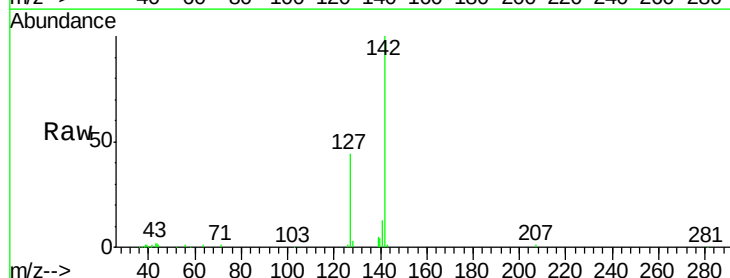
RT: 4.26 min Scan# 439

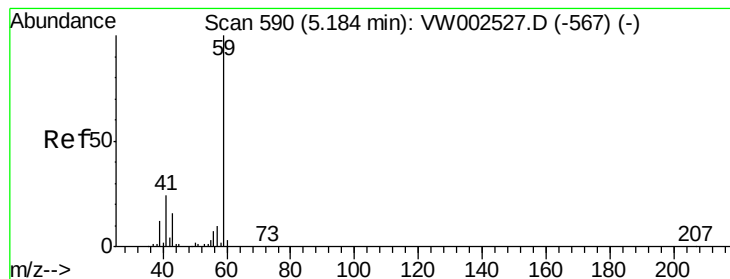
Delta R.T. 0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	142	Resp:	62022
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.6	52.0
141	14.4	11.8	17.8





#11

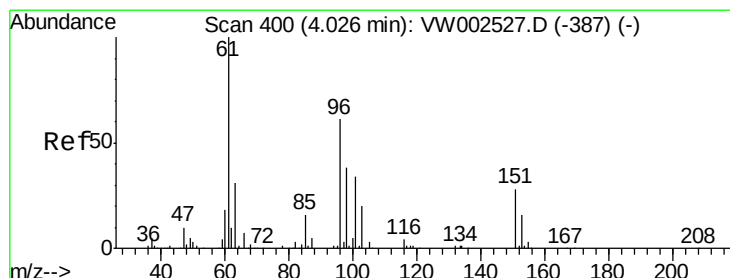
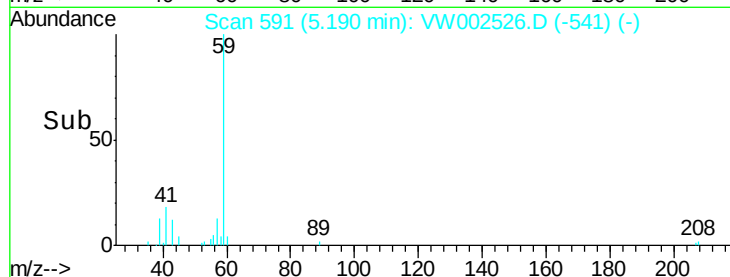
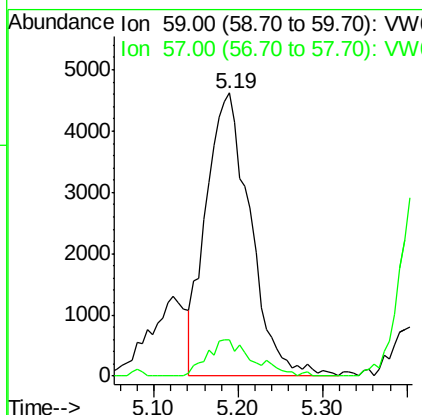
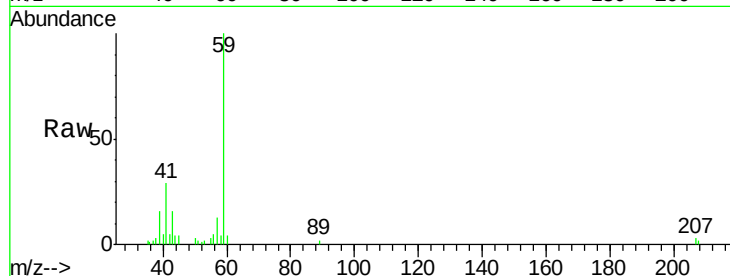
Tert butyl alcohol
 Concen: 92.02 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	59	Resp	16722
Ion Ratio	100	Lower	Upper
57	11.3	8.2	12.4

Manual Integrations
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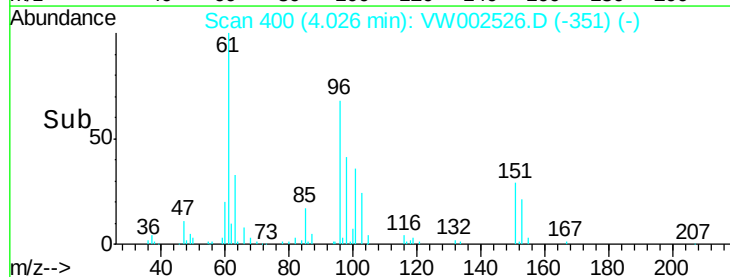
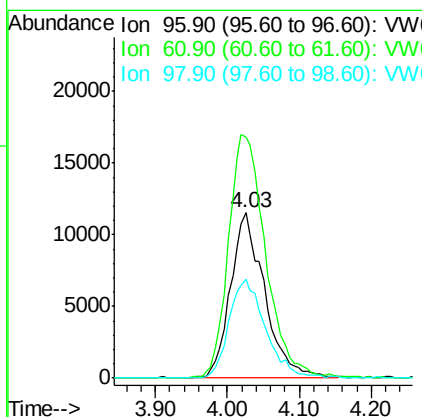
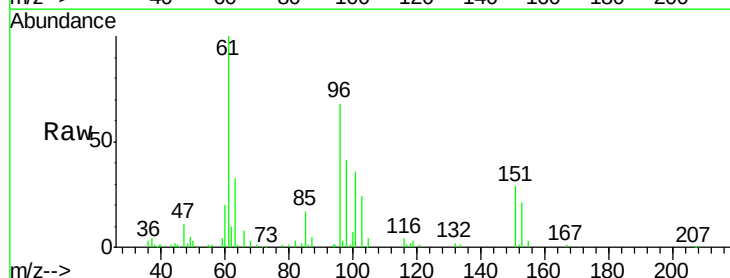
apatel
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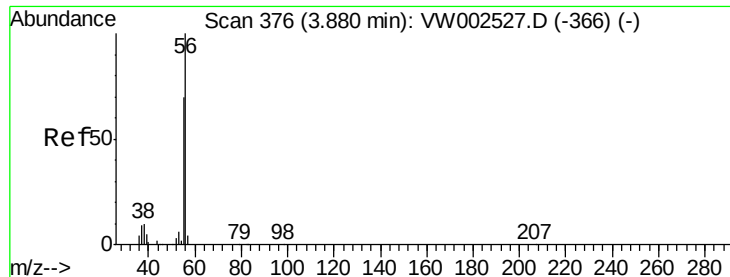


#12

1,1-Dichloroethene
 Concen: 18.63 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	96	Resp	38194
Ion Ratio	100	Lower	Upper
61	146.0	132.2	198.2
98	59.9	50.6	76.0





#13

Acrolein

Concen: 120.47 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 18727

Ion Ratio Lower Upper

56 100

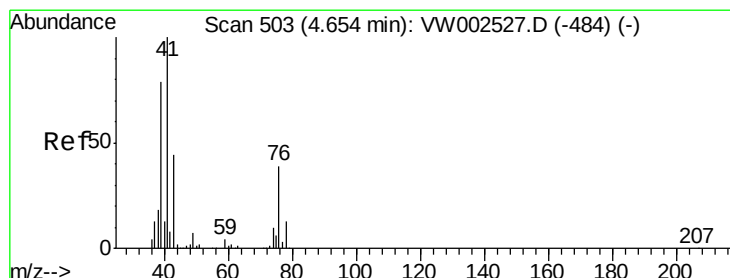
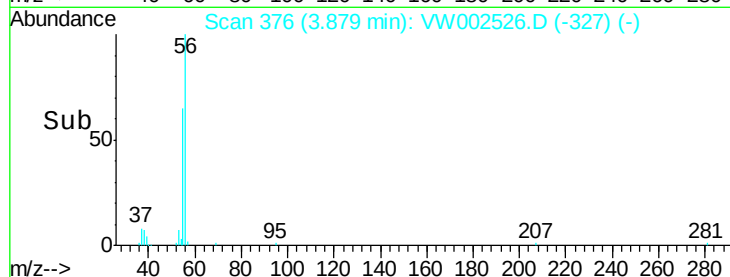
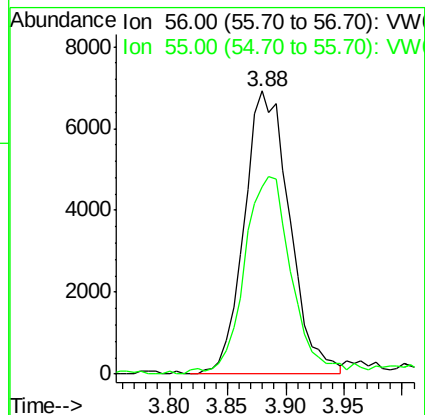
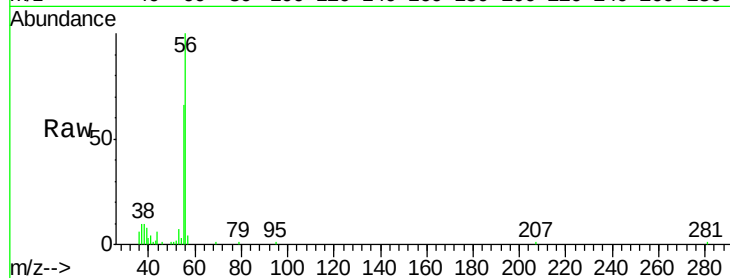
55 72.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.77 ug/l

RT: 4.65 min Scan# 502

Delta R.T. -0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

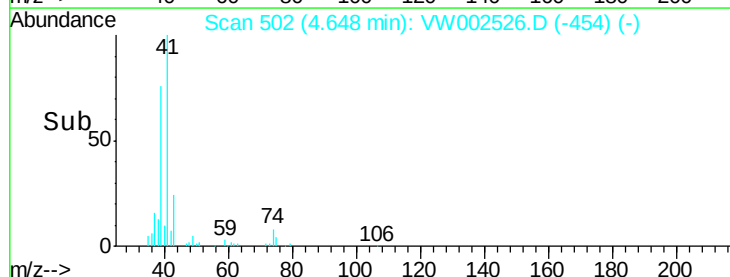
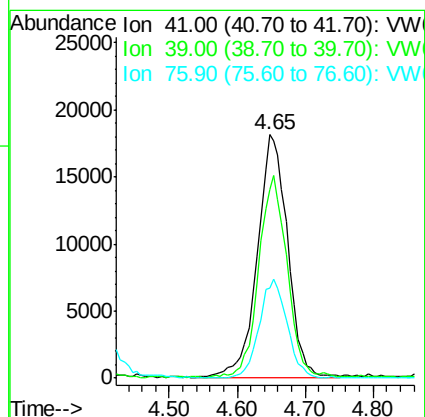
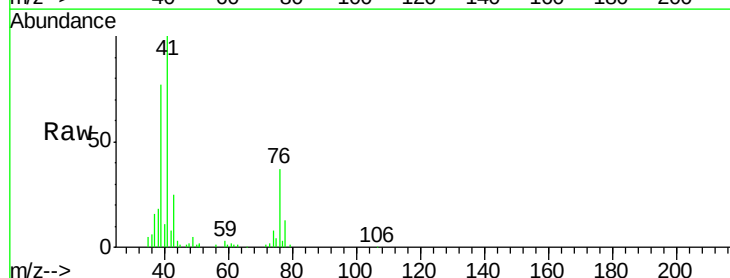
Tgt Ion: 41 Resp: 56775

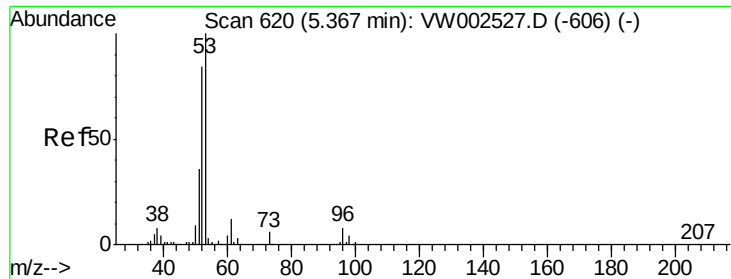
Ion Ratio Lower Upper

41 100

39 76.4 61.4 92.2

76 37.2 29.6 44.4





#15

Acrylonitrile

Concen: 96.93 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

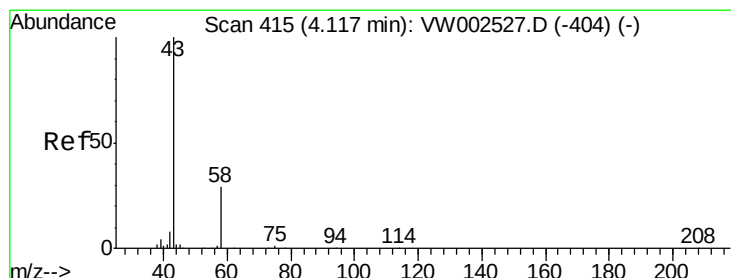
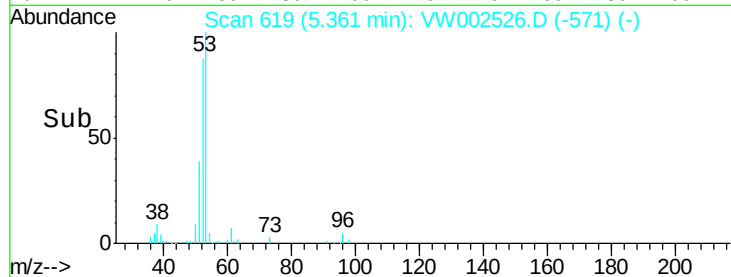
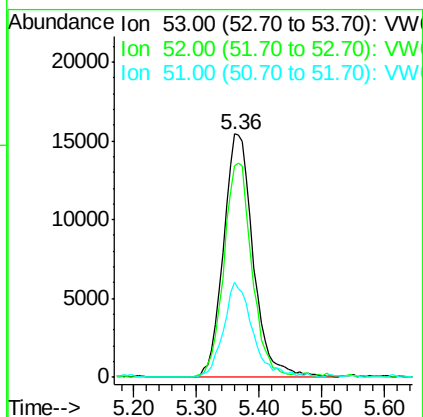
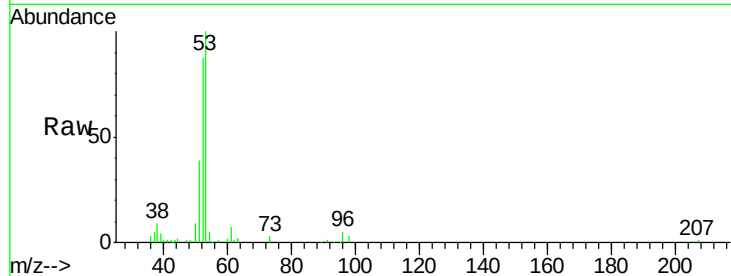
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	50807
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	100.0
51	38.2	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 108.66 ug/l

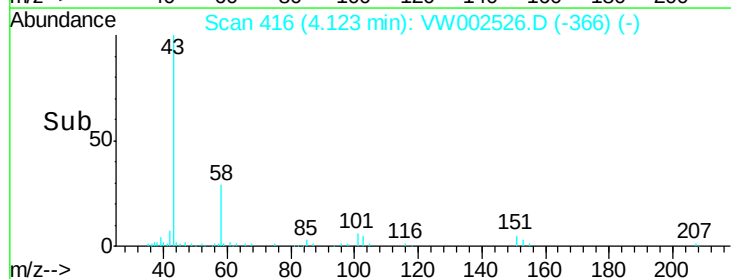
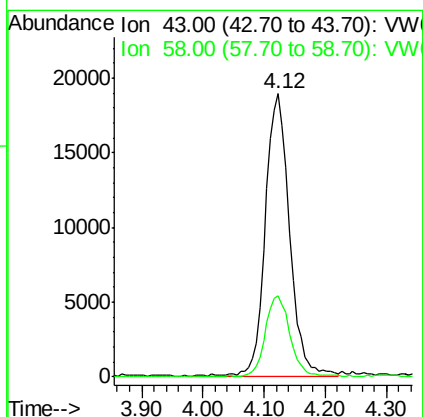
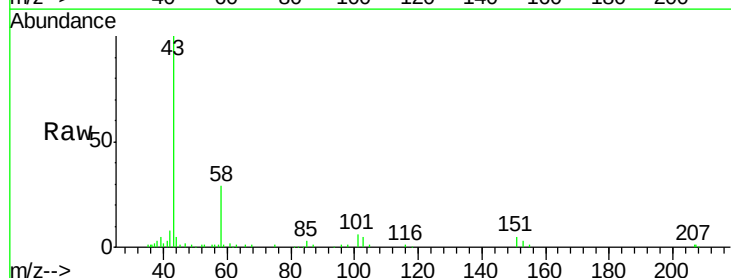
RT: 4.12 min Scan# 416

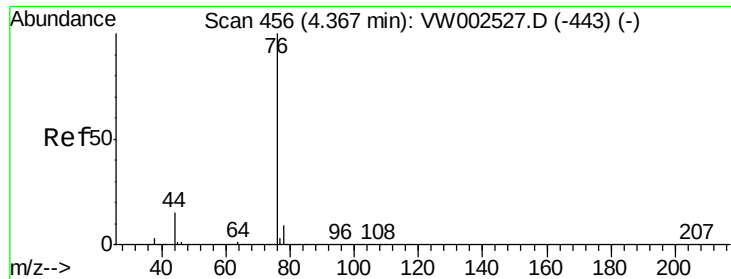
Delta R.T. 0.01 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	43	Resp:	52690
Ion Ratio	Lower	Upper	
43	100		
58	28.3	23.4	35.0





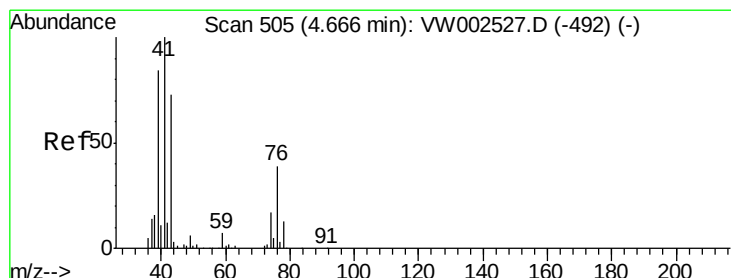
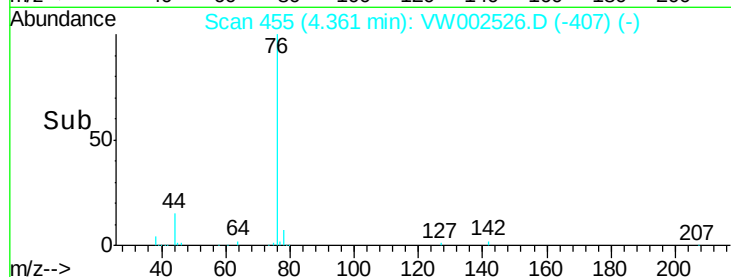
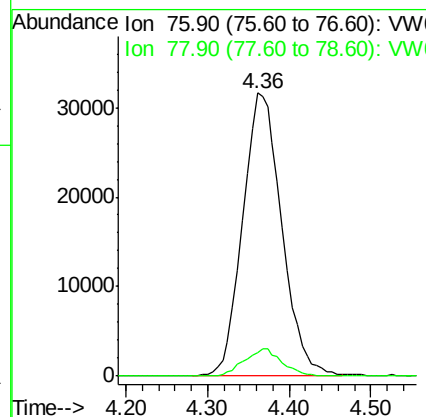
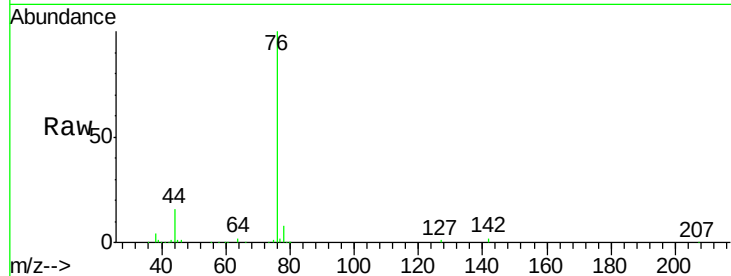
#17
Carbon Disulfide
Concen: 17.78 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.5	11.3

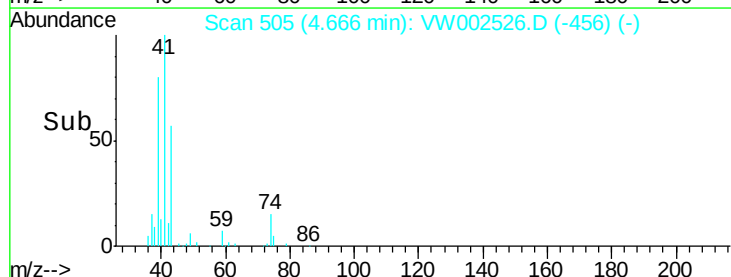
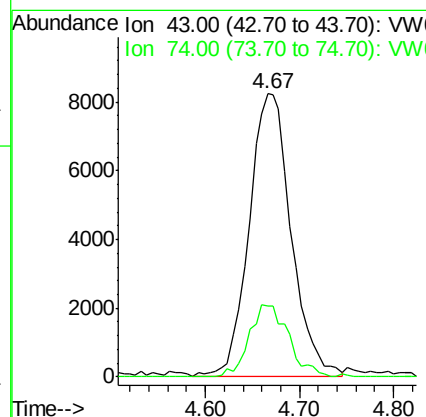
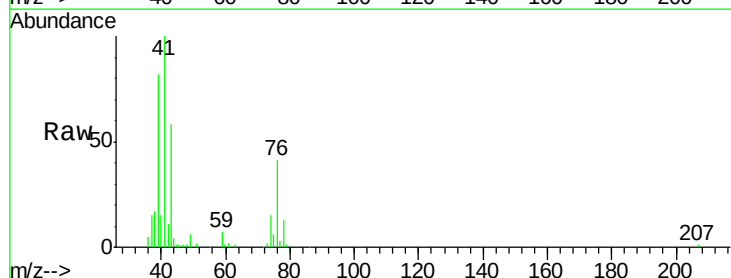
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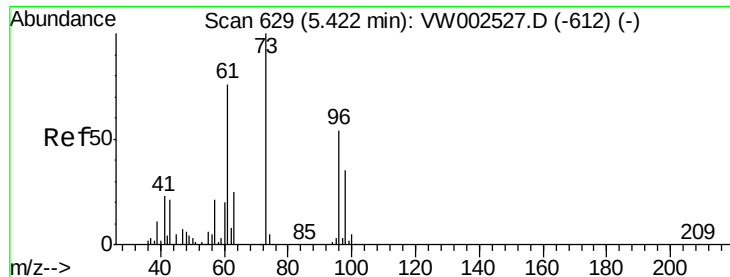
apatel
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#18
Methyl Acetate
Concen: 17.78 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.2	28.8





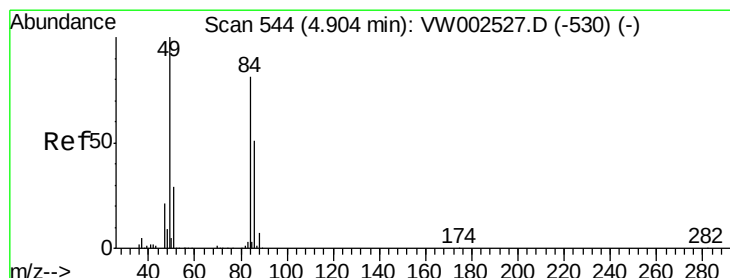
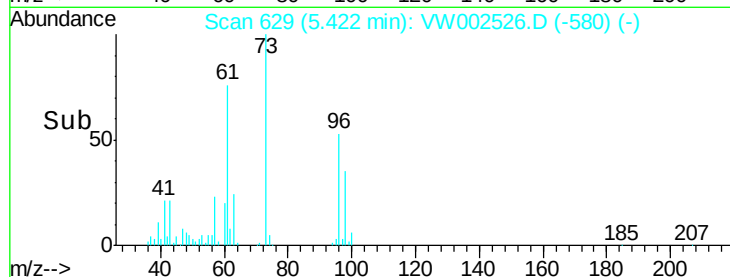
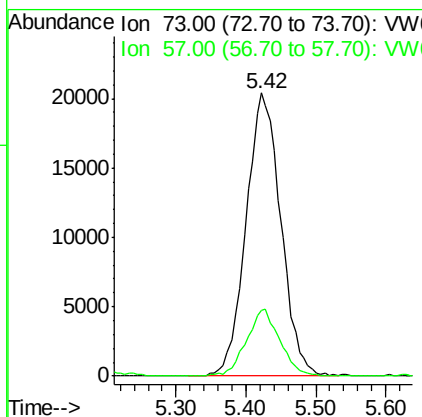
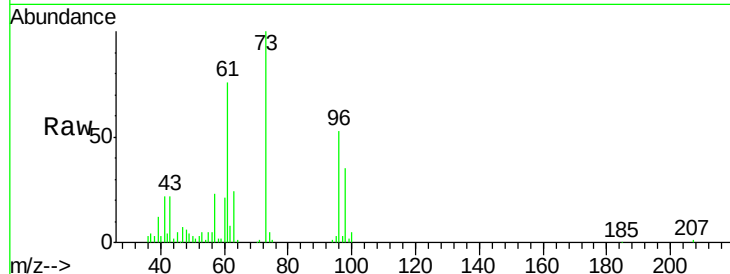
#19
Methyl tert-butyl Ether
Concen: 19.34 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 70360
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6

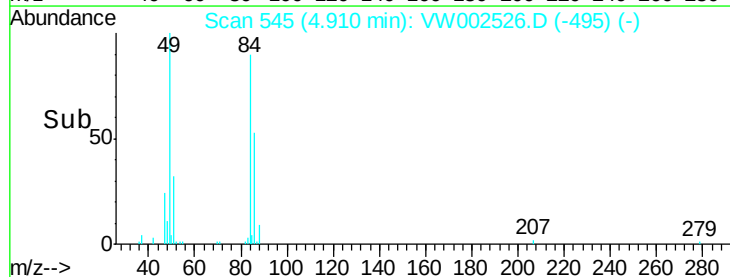
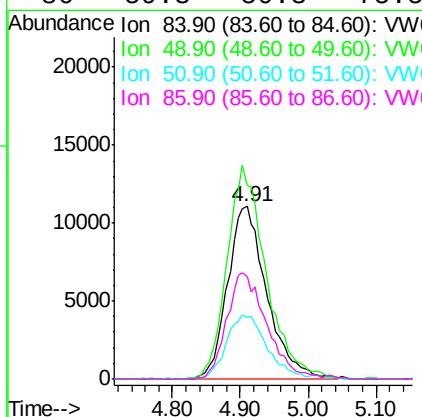
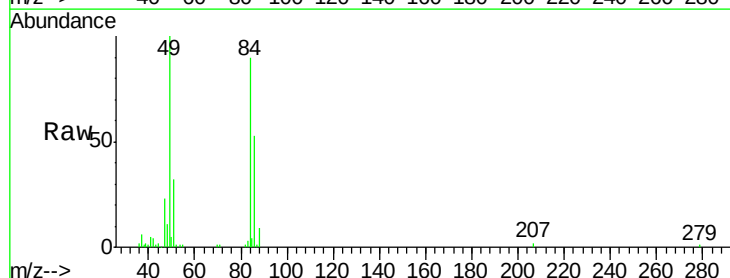
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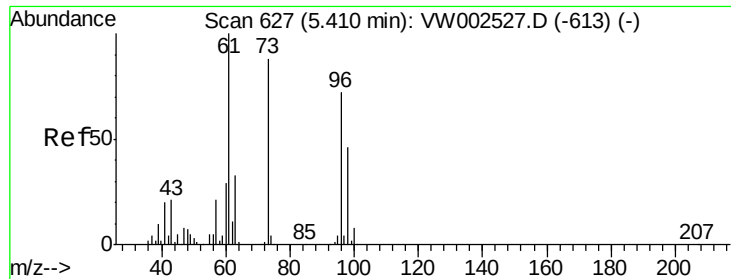
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#20
Methylene Chloride
Concen: 19.45 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion: 84 Resp: 44282
Ion Ratio Lower Upper
84 100
49 111.2 99.4 149.0
51 35.5 29.0 43.6
86 59.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.74 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

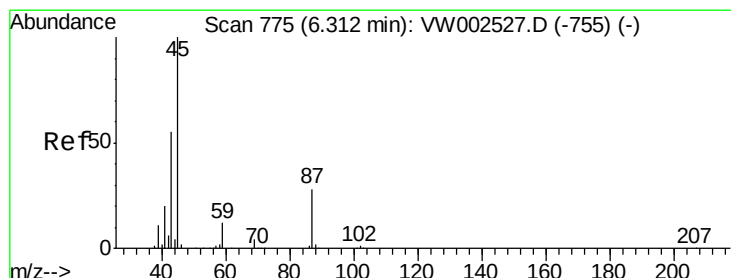
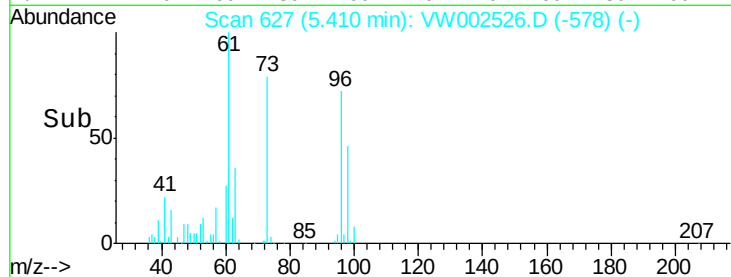
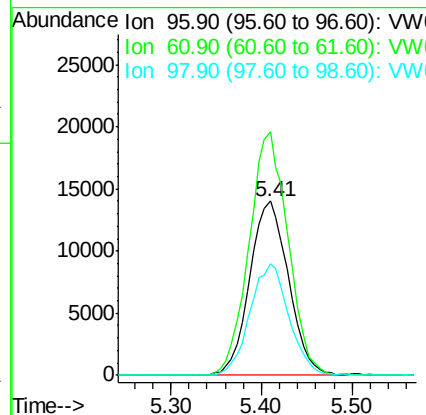
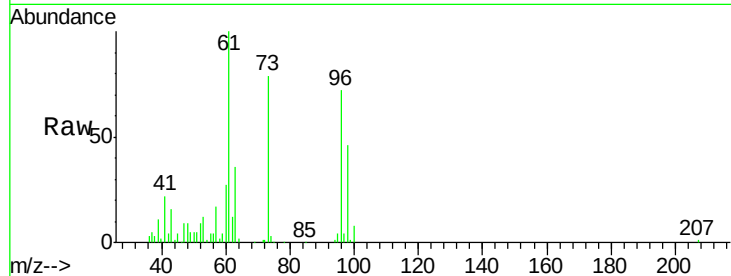
ClientSampled :

VSTDIC020

Tot Ion:	96	Resp:	41526
Ion	Ratio	Lower	Upper
96	100		
61	139.6	111.6	167.4
98	64.1	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.07 ug/l

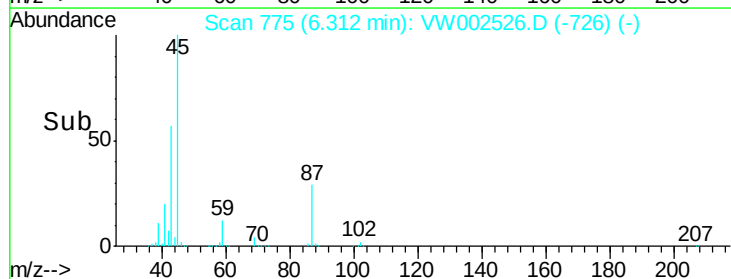
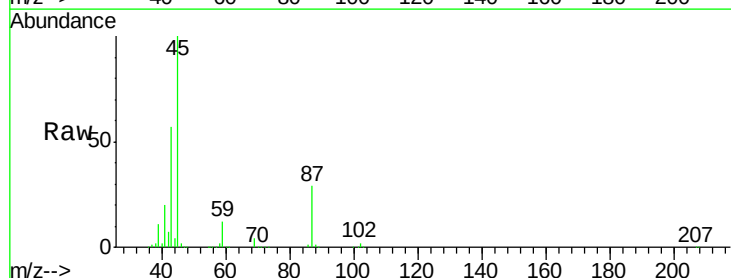
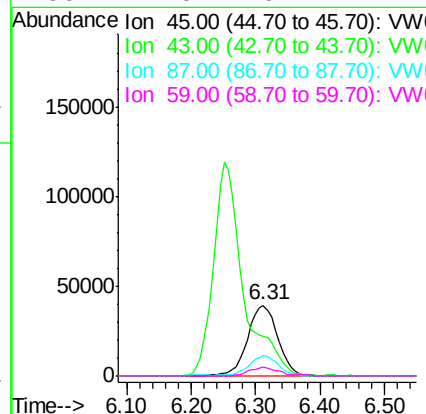
RT: 6.31 min Scan# 775

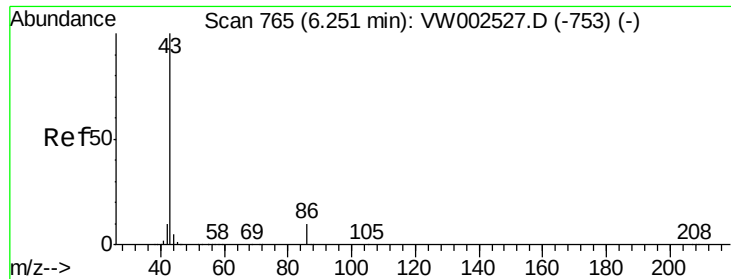
Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	45	Resp:	126900
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.4	66.6
87	28.7	23.0	34.4
59	12.0	9.4	14.2





#23

Vinyl Acetate

Concen: 96.57 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 386420

Ion Ratio Lower Upper

43 100

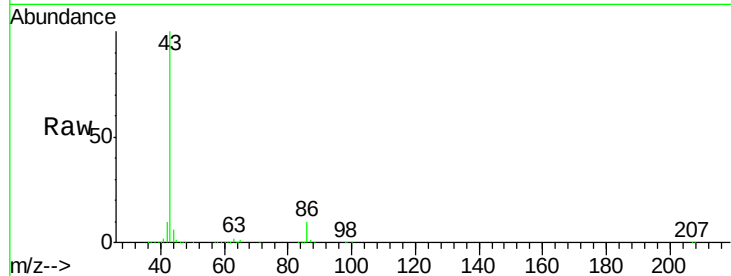
86 9.7 7.9 11.9

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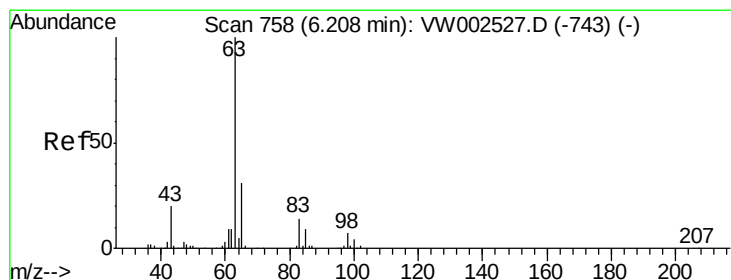
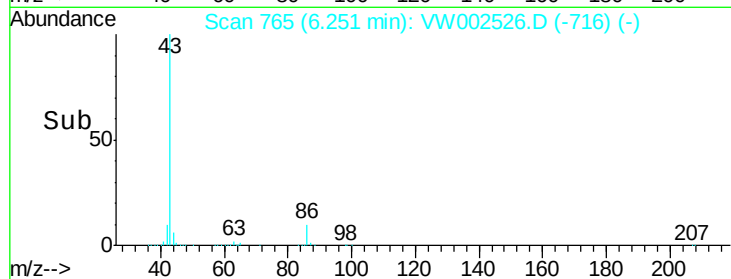
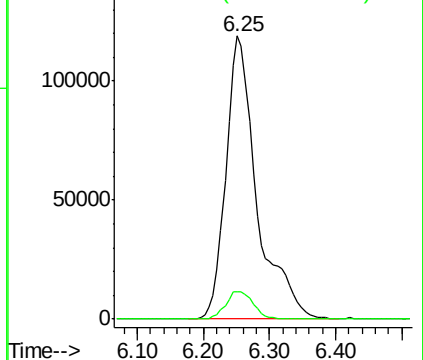
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 18.96 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

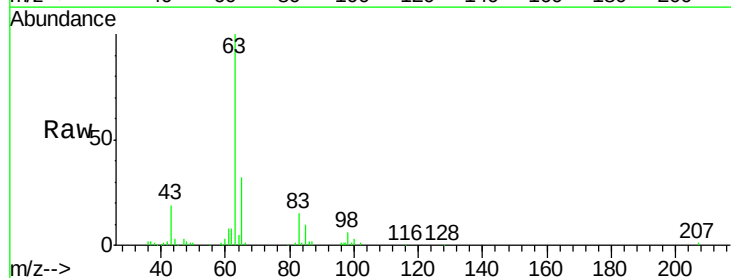
Tgt Ion: 63 Resp: 76270

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

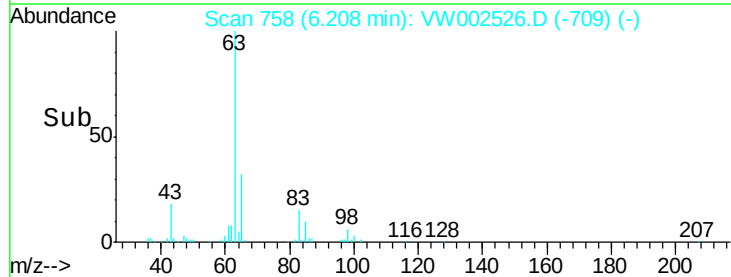
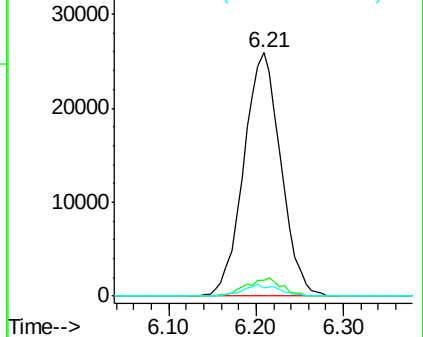
100 3.4 2.1 6.5

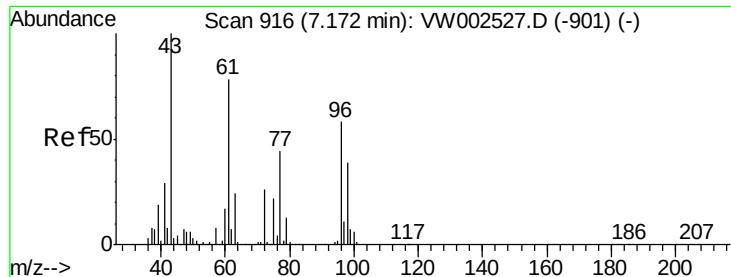


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





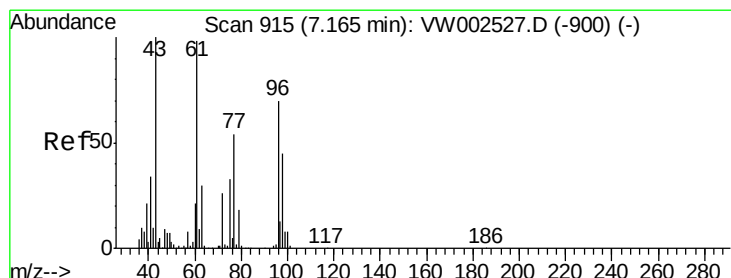
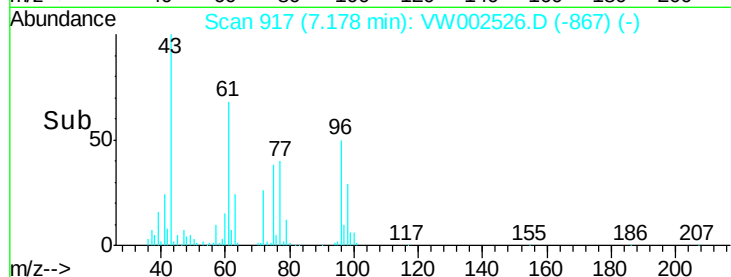
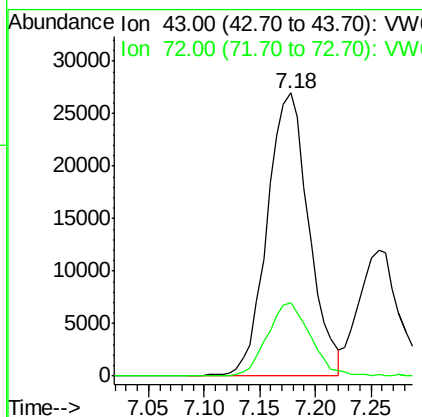
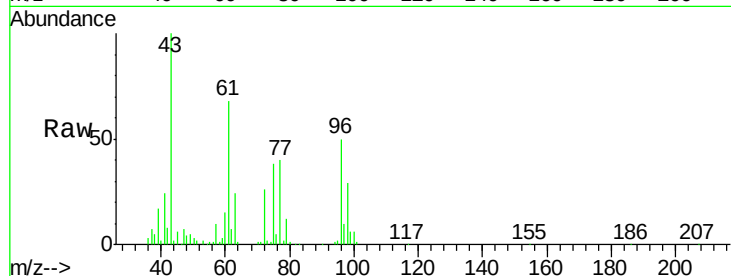
#25
2-Butanone
Concen: 98.72 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	43	Resp	70656
Ion Ratio	100	Lower	Upper
72	26.1	20.9	31.3

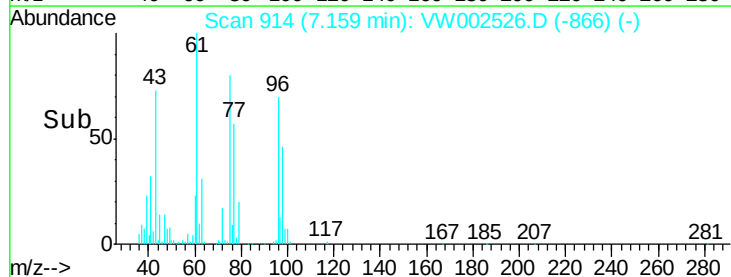
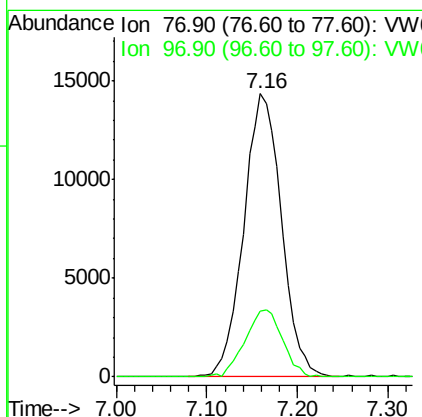
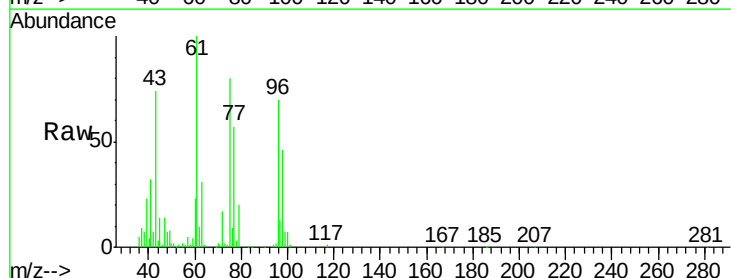
Manual Integrations
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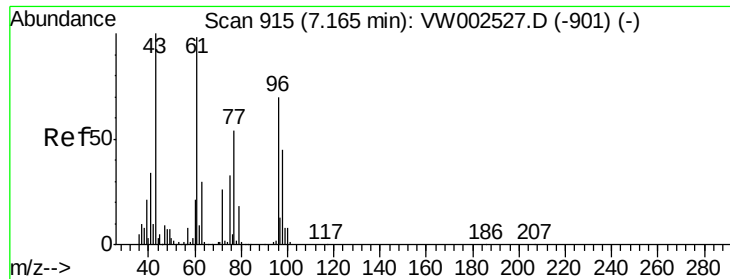
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#26
2,2-Dichloropropane
Concen: 20.25 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	77	Resp	41298
Ion Ratio	100	Lower	Upper
97	23.6	12.1	36.3





#27

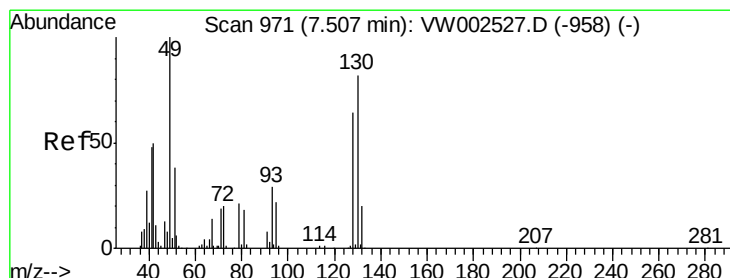
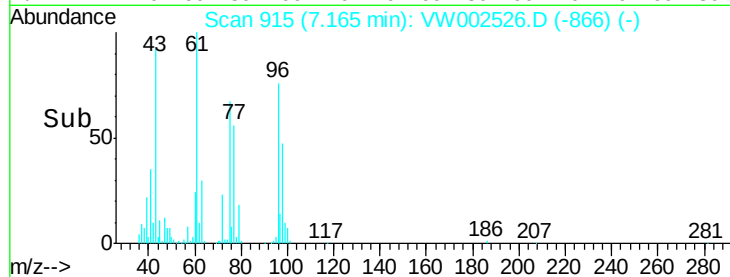
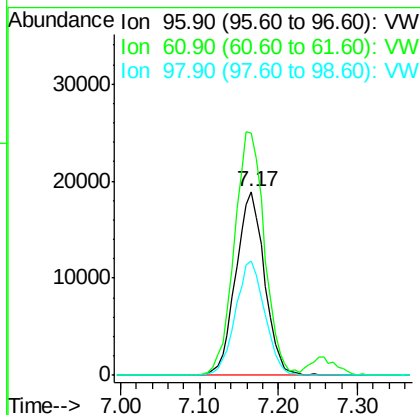
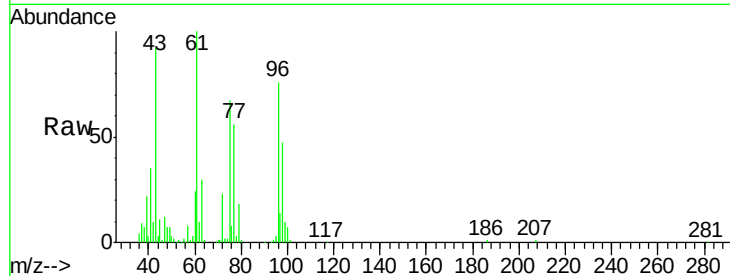
cis-1,2-Dichloroethene
 Concen: 19.14 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	281.6
98	63.3	0.0	130.8

Manual Integrations
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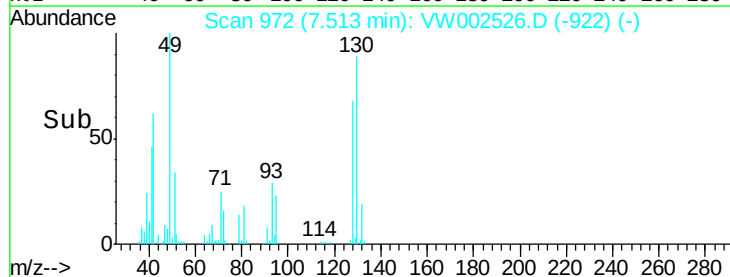
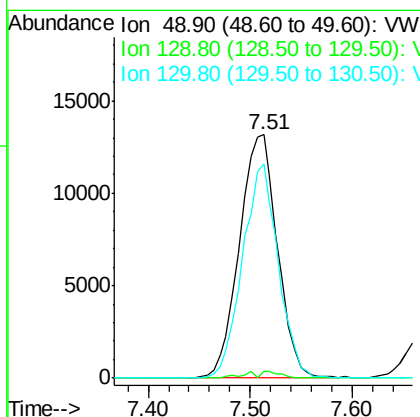
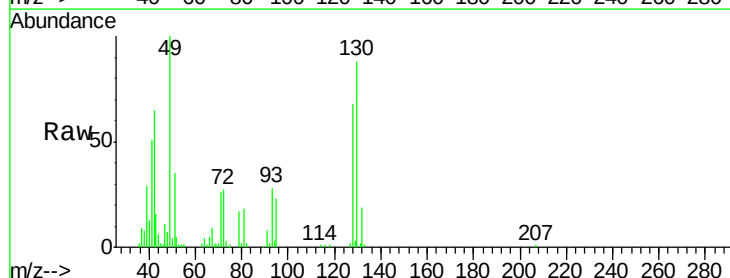
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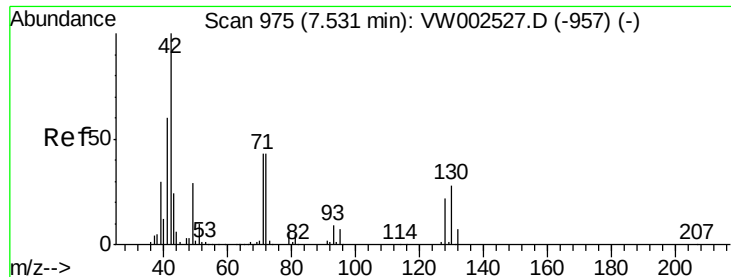


#28

Bromochloromethane
 Concen: 18.63 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.4
130	82.7	64.7	97.1





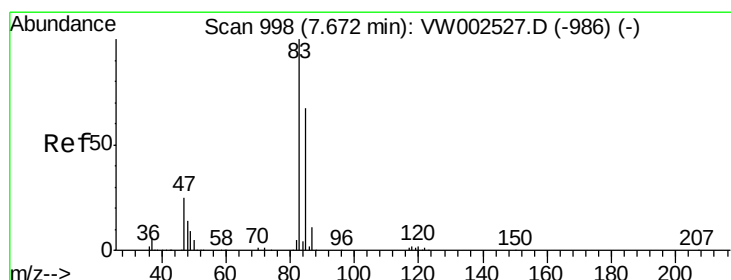
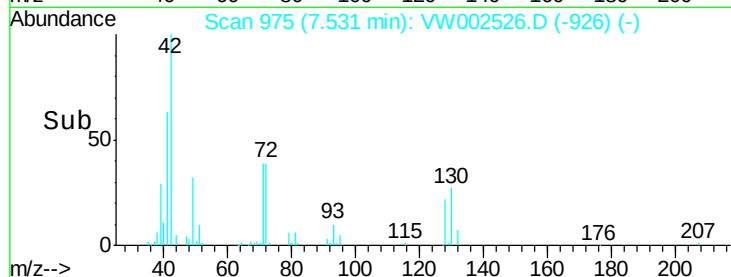
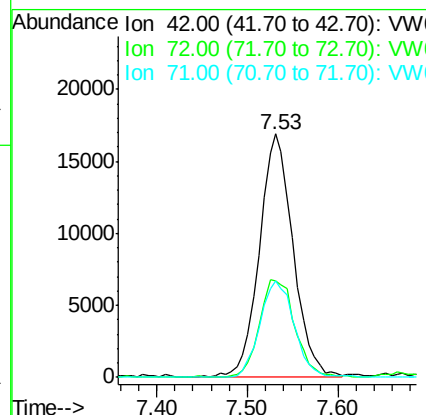
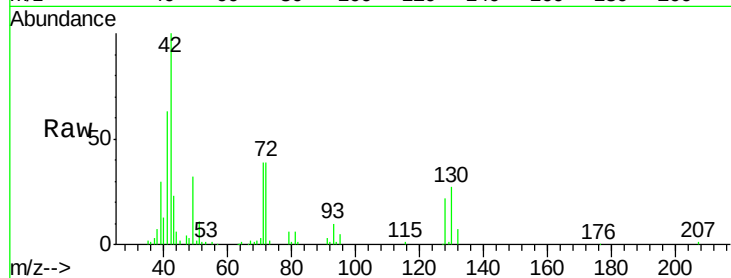
#29
Tetrahydrofuran
Concen: 93.28 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	35.0	52.4
71	39.9	33.0	49.6

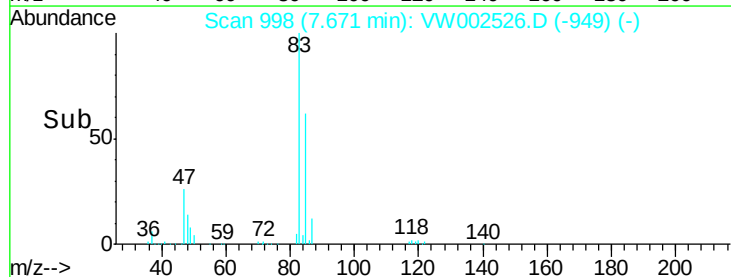
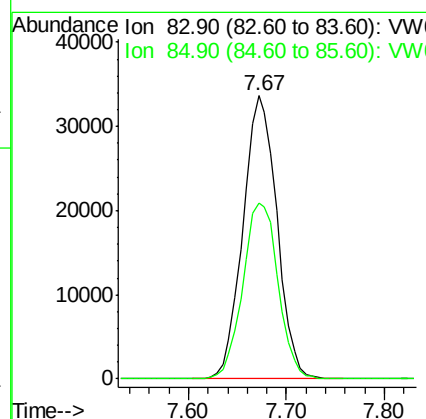
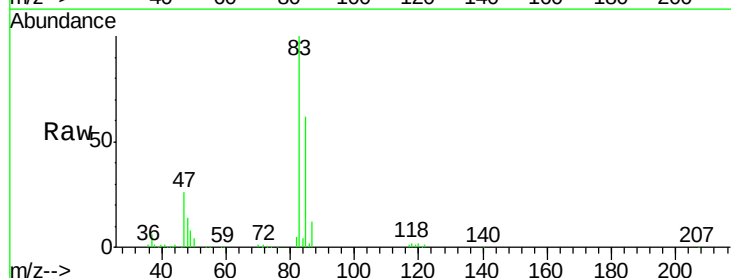
Manual Integrations
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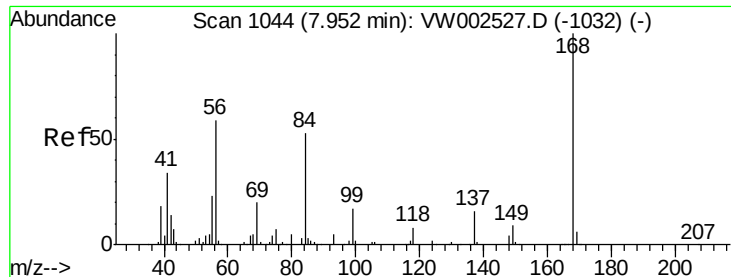
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#30
Chloroform
Concen: 19.16 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	53.9	80.9





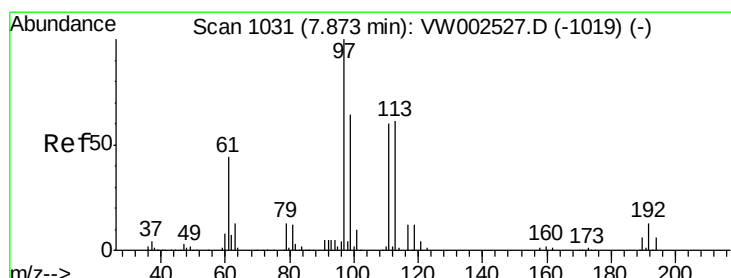
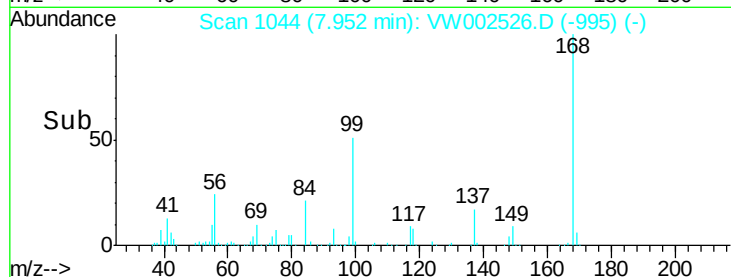
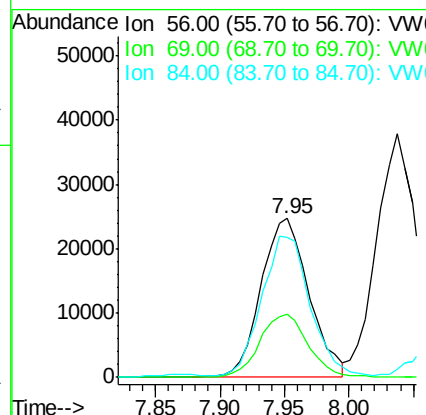
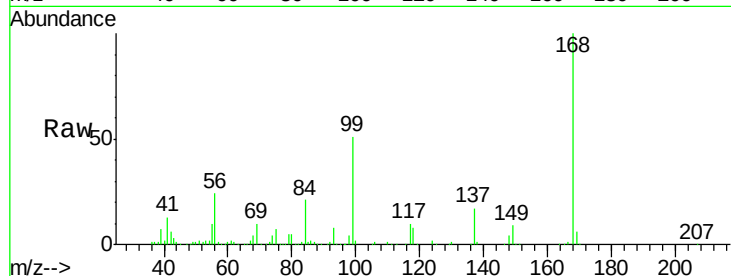
#31
Cyclohexane
Concen: 17.84 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	27.0	40.4
84	86.2	72.2	108.2

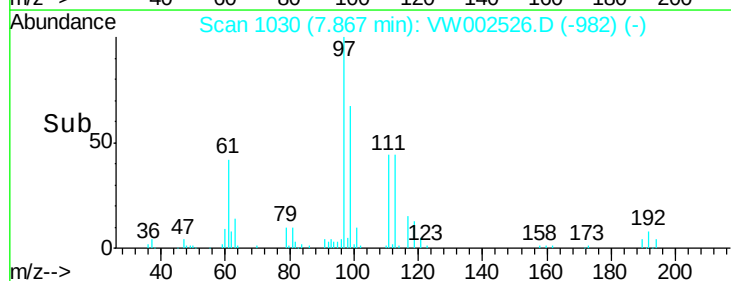
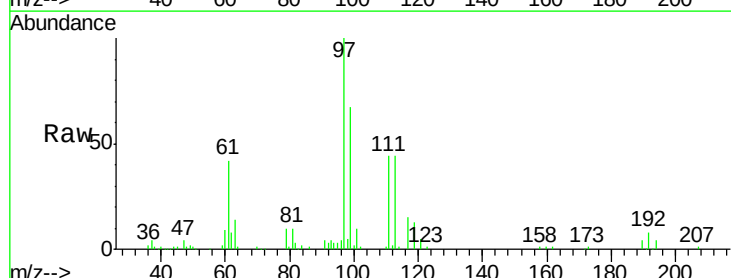
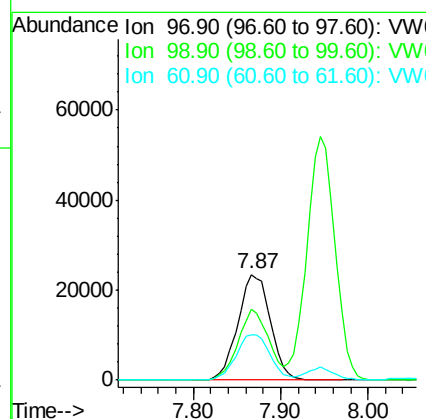
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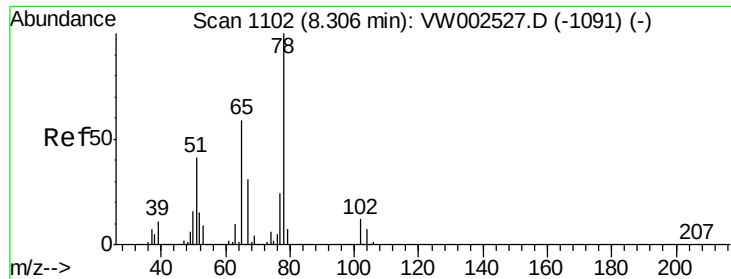
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#32
1,1,1-Trichloroethane
Concen: 19.03 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.1	76.7
61	45.1	35.9	53.9





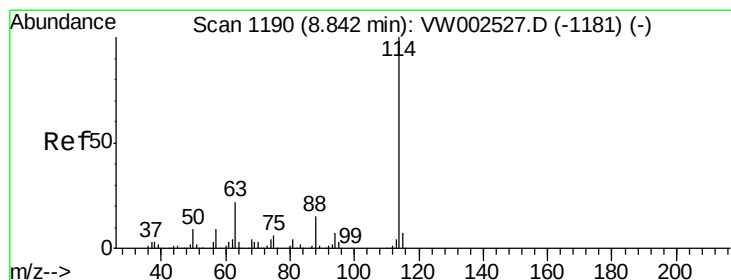
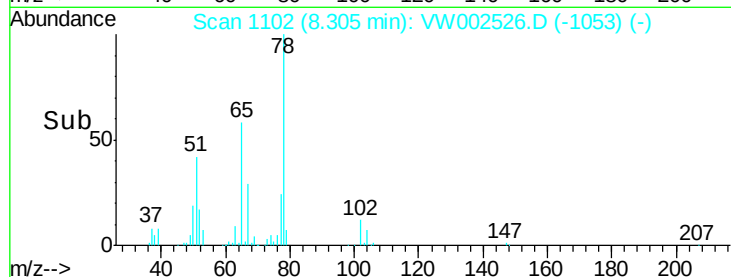
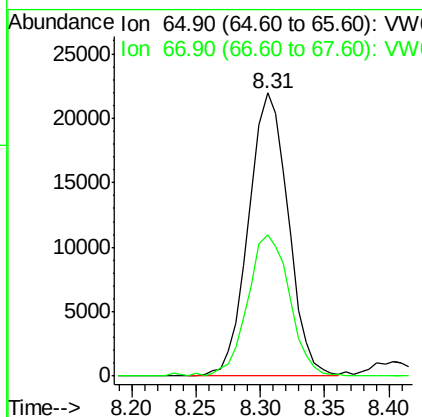
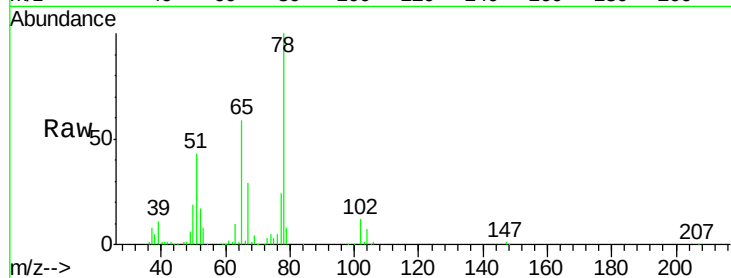
#33
 1,2-Dichloroethane-d4
 Concen: 19.27 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	46808		
67	52.6	0.0	104.4	

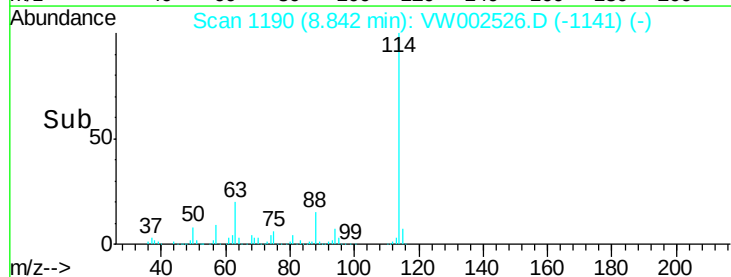
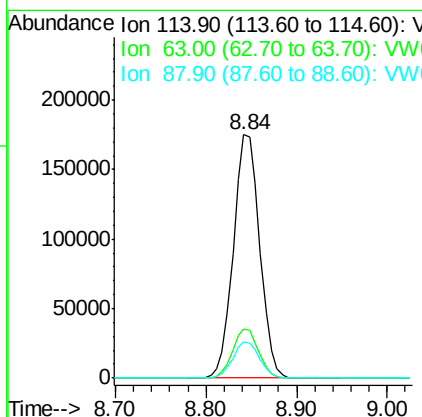
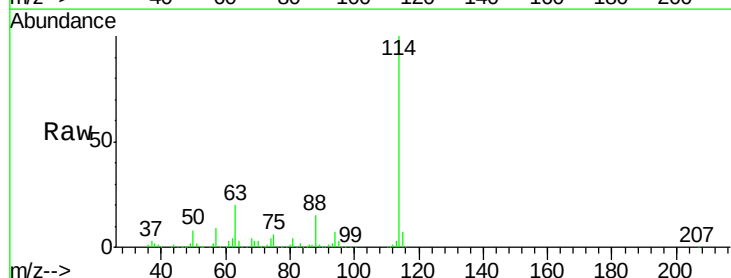
Manual Integrations
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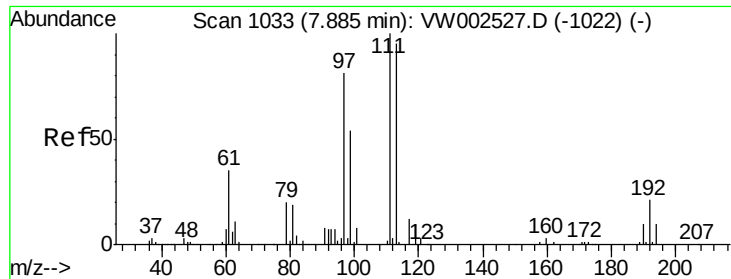
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	350554		
63	20.0	0.0	43.2	
88	15.1	0.0	29.2	





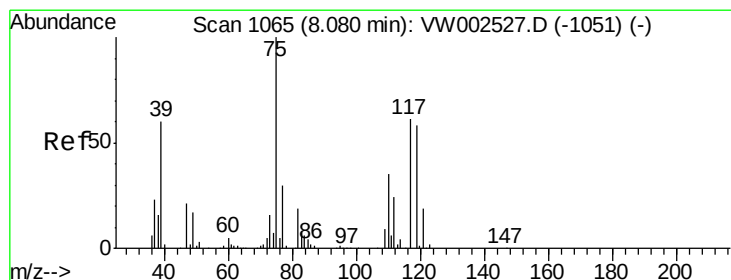
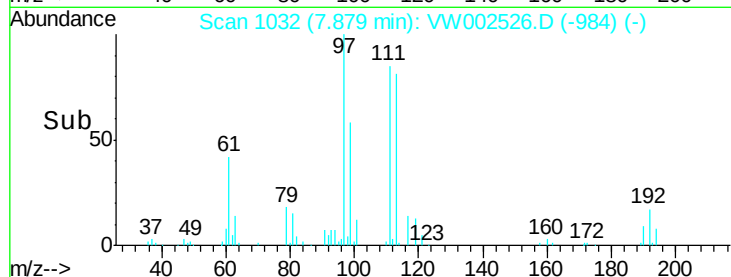
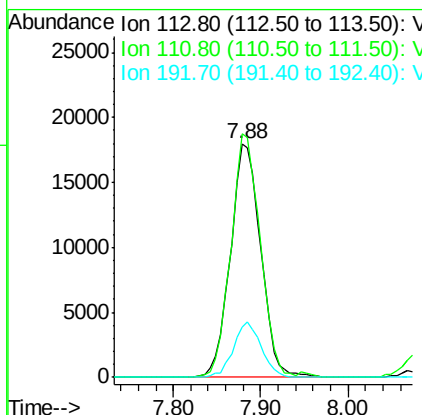
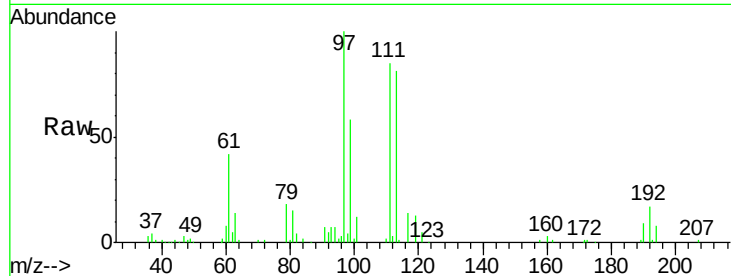
#35
 Dibromofluoromethane
 Concen: 19.43 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	43362		
111	100.4	81.8	122.8	
192	21.8	17.5	26.3	

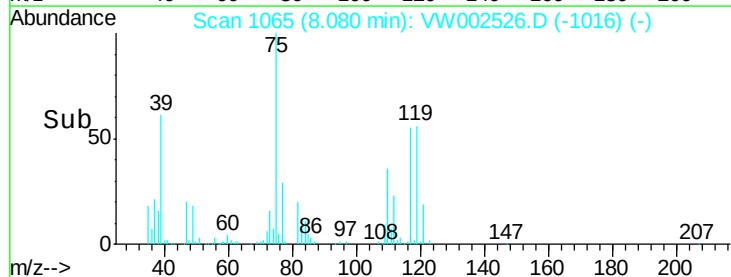
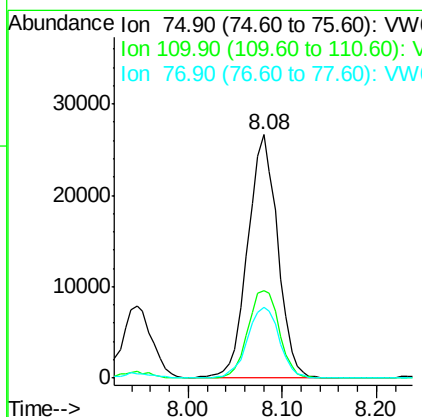
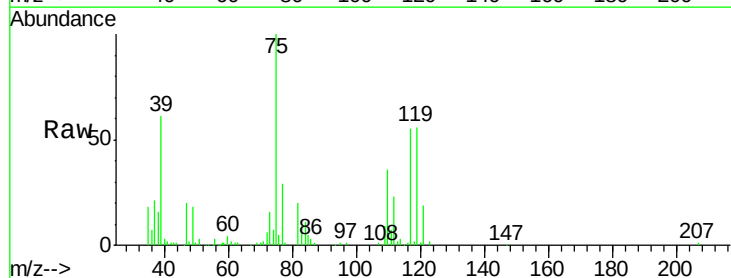
Manual Integrations
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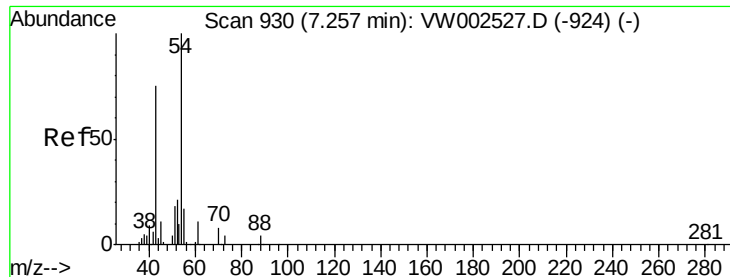
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#36
 1,1-Dichloropropene
 Concen: 18.71 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59148		
110	37.6	17.8	53.5	
77	31.1	24.5	36.7	





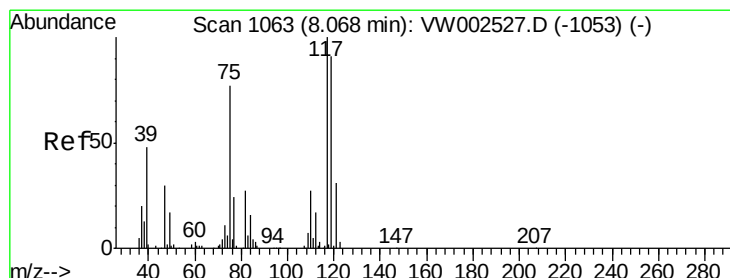
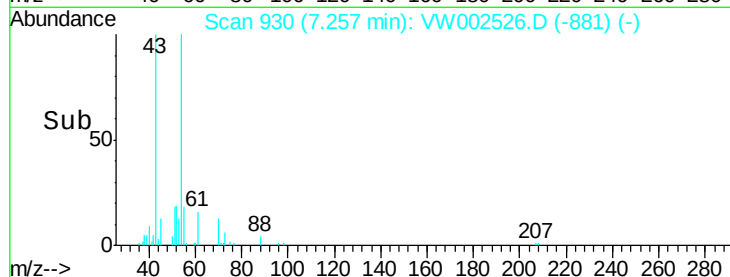
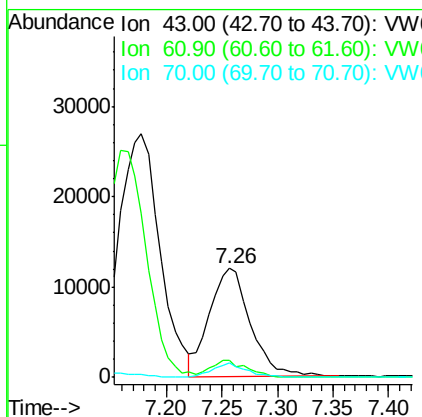
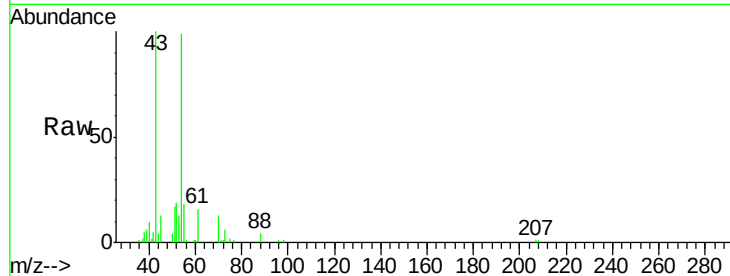
#37
Ethyl Acetate
Concen: 19.72 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion:	43	Resp:	30661
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.9	7.8	11.8

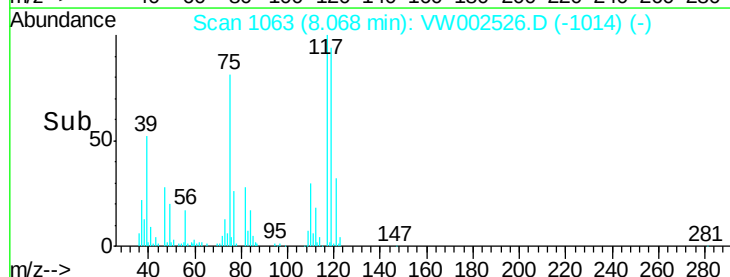
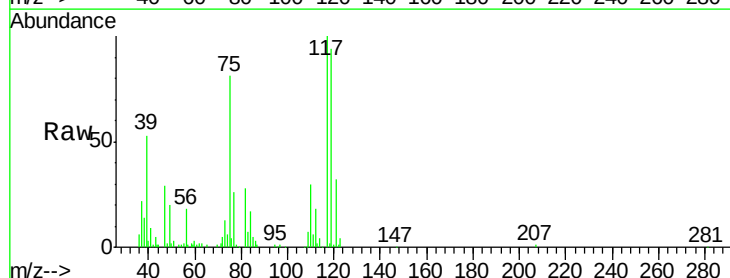
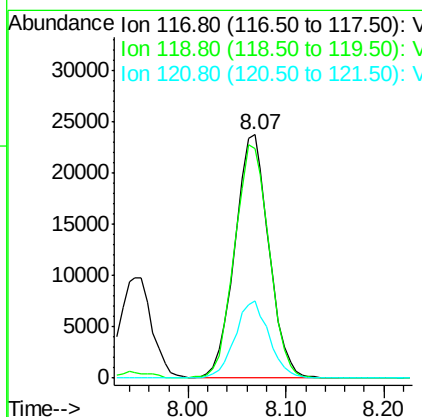
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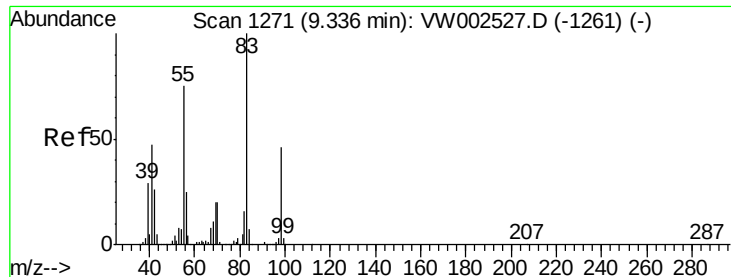
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#38
Carbon Tetrachloride
Concen: 18.71 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion:	117	Resp:	57407
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.1	109.7
121	31.6	24.4	36.6





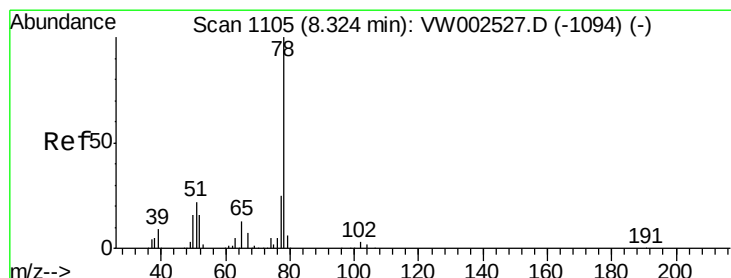
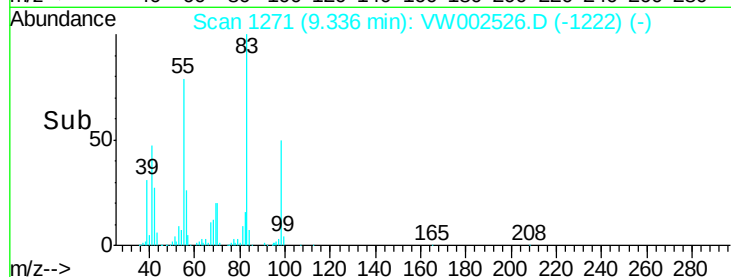
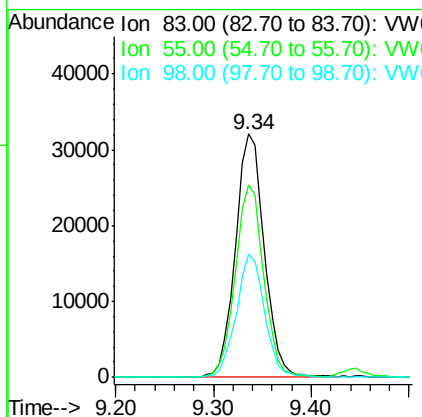
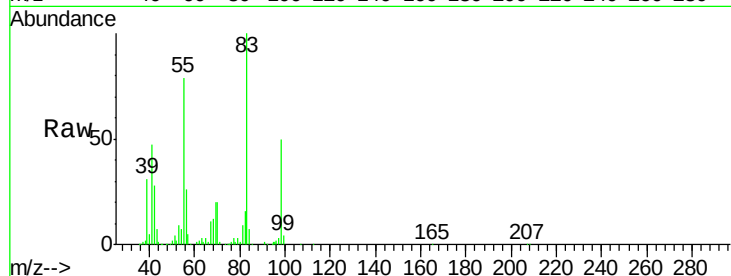
#39
Methylvlcyclohexane
Concen: 17.91 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	60.0	90.0
98	50.4	37.0	55.4

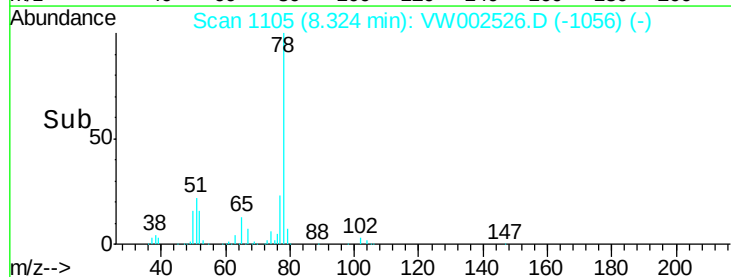
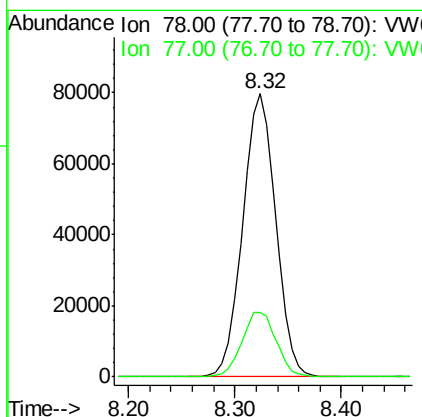
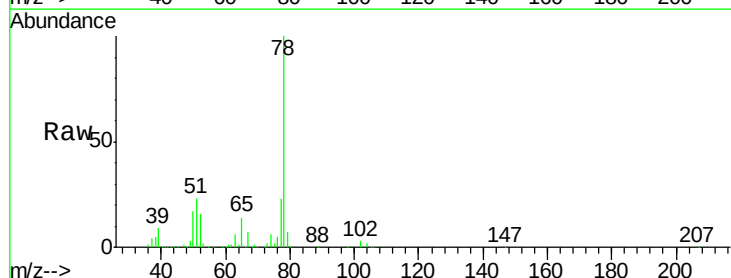
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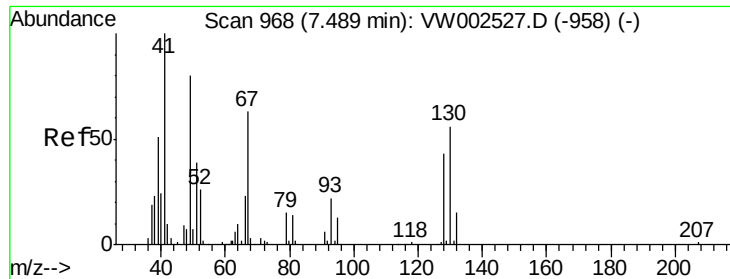
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#40
Benzene
Concen: 18.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.9	29.9





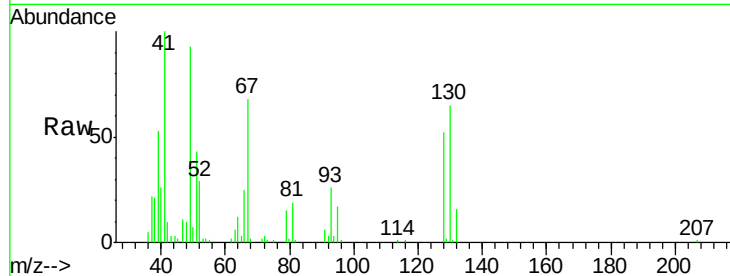
#41
Methacrylonitrile
Concen: 18.14 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

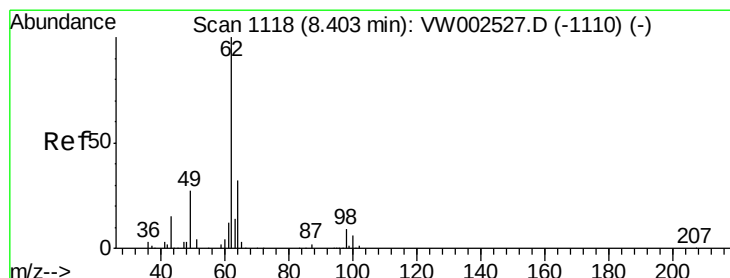
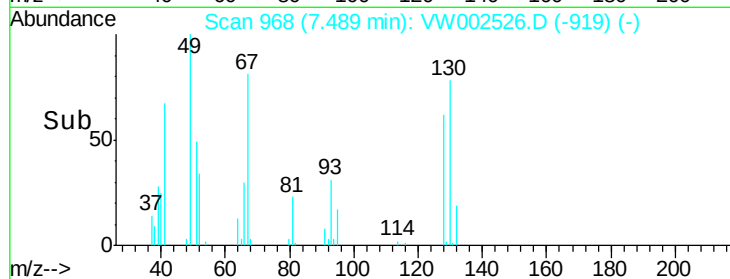
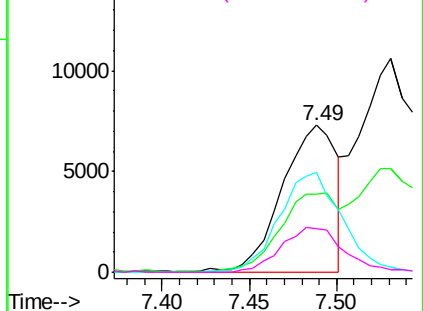
Tot Ion	41	Resp	15842
Ion	Ratio	Lower	Upper
41	100		
39	56.8	51.8	77.8
67	78.9	59.9	89.9
52	35.4	26.6	39.8

Manual Integrations
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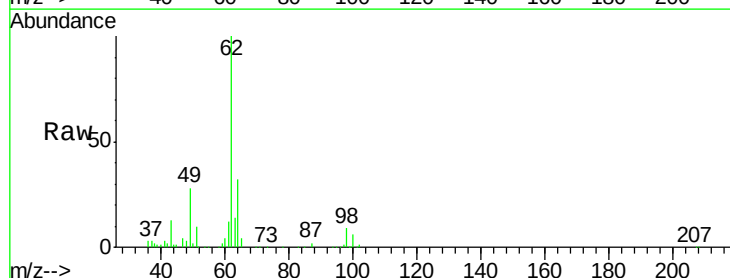


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

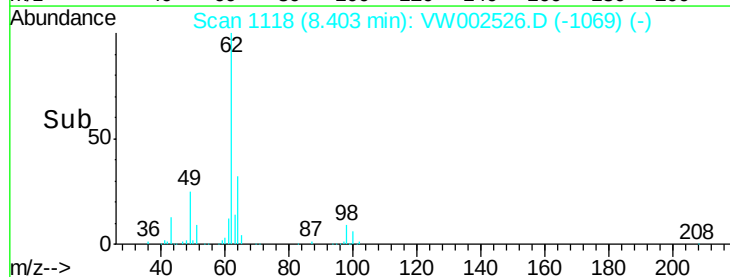
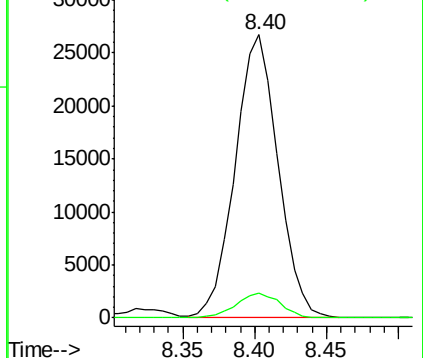


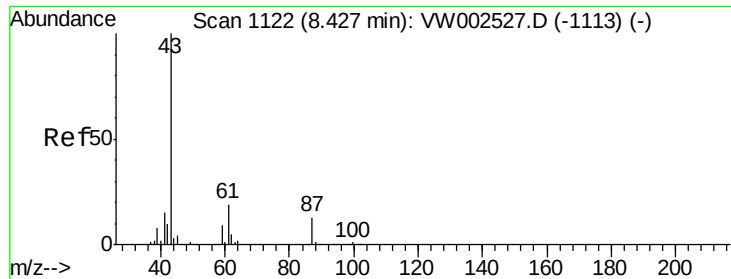
#42
1,2-Dichloroethane
Concen: 19.21 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	62	Resp	55432
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.38 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

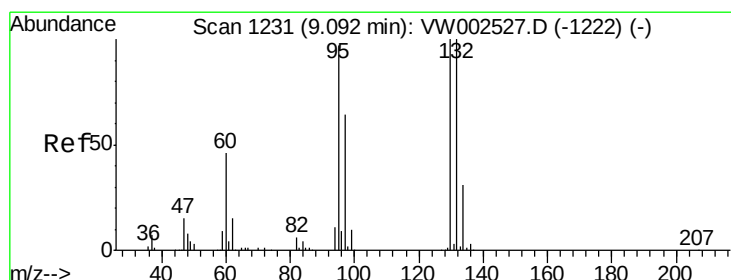
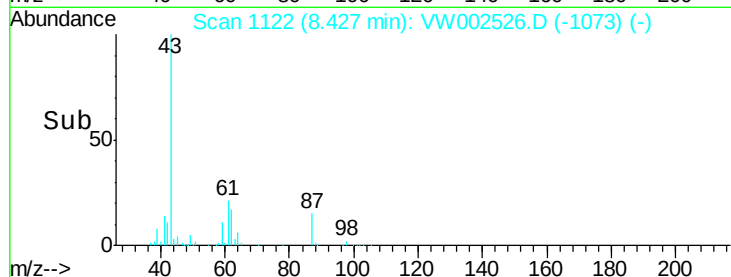
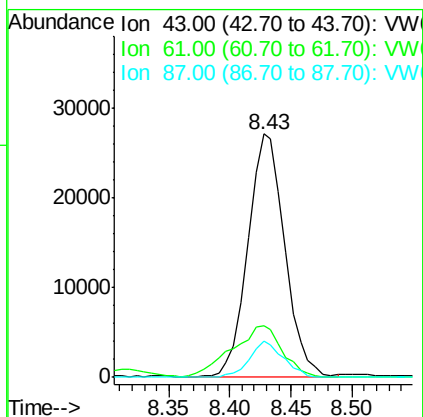
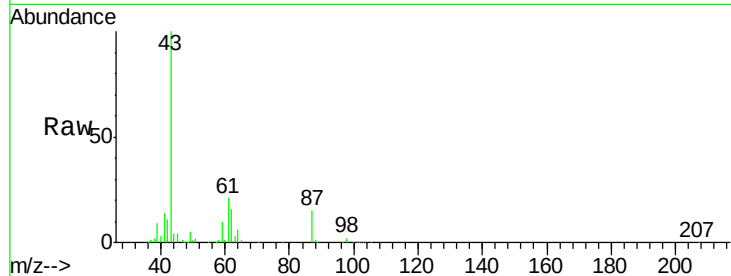
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	57167
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.6
87	13.6	10.6	15.8

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#44

Trichloroethene

Concen: 19.02 ug/l

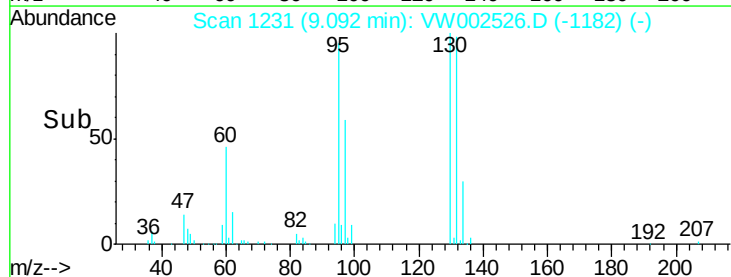
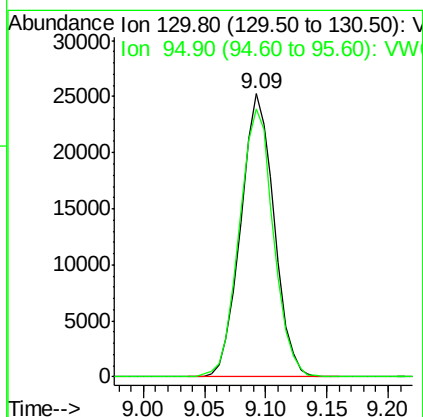
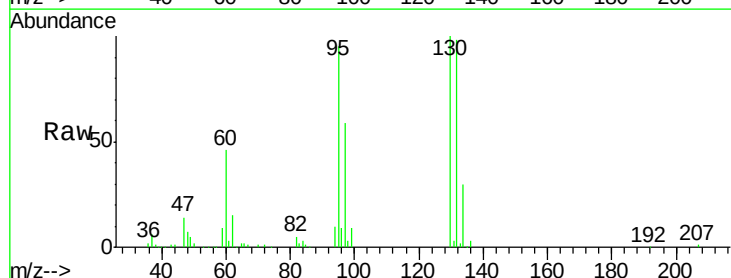
RT: 9.09 min Scan# 1231

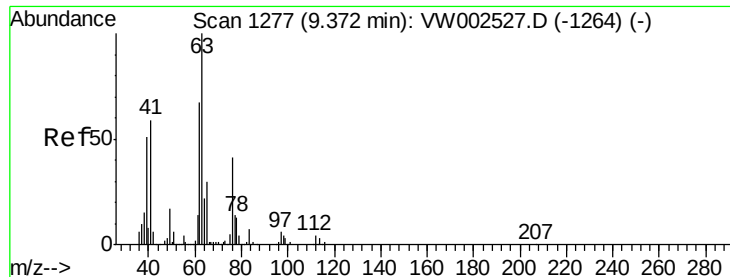
Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	130	Resp:	47821
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	194.6





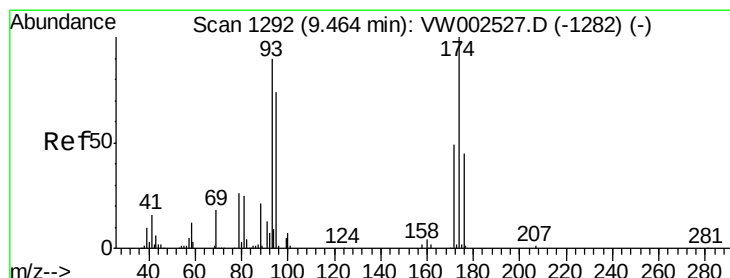
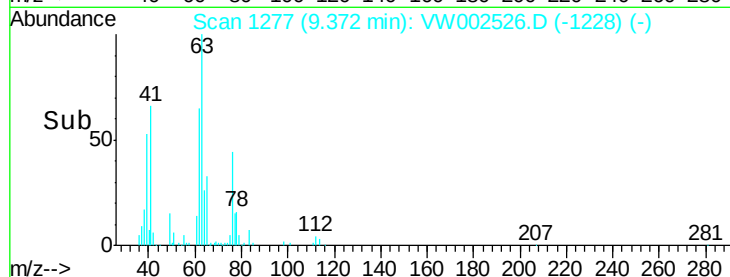
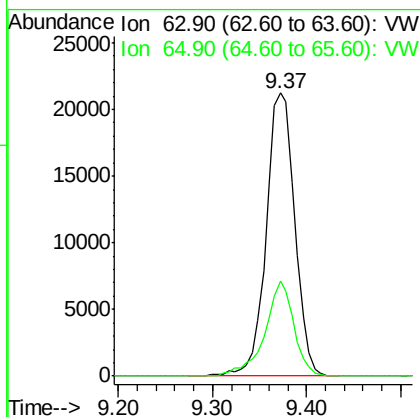
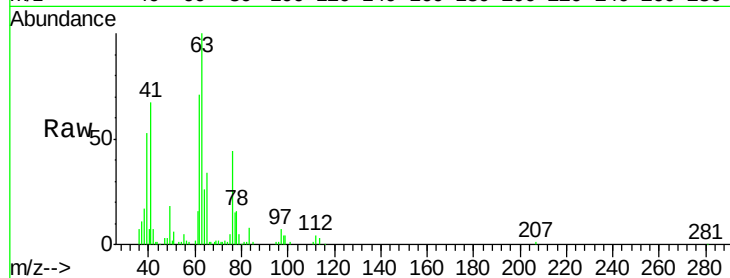
#45
 1,2-Dichloropropane
 Concen: 19.47 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.8	24.4	36.6

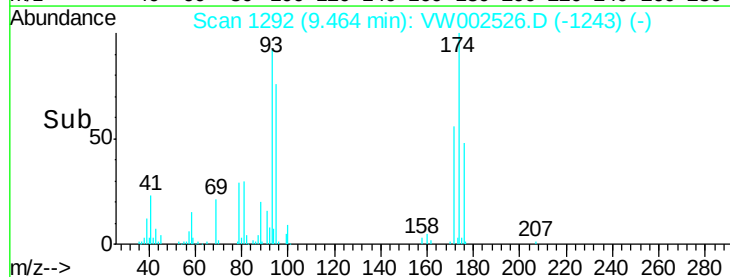
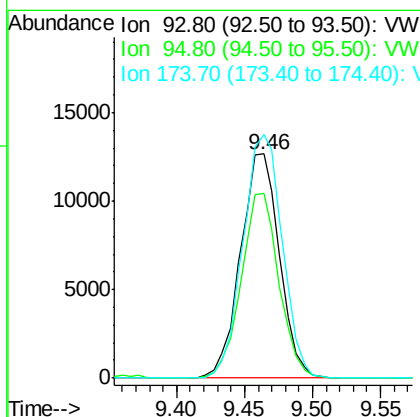
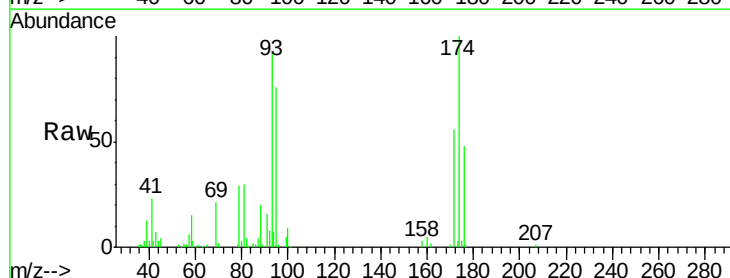
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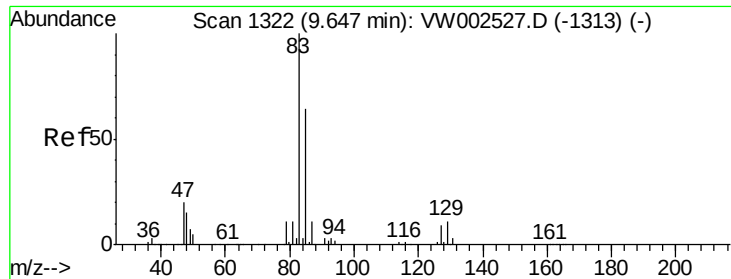
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#46
 Dibromomethane
 Concen: 19.54 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.6	66.6	100.0
174	109.8	84.0	126.0





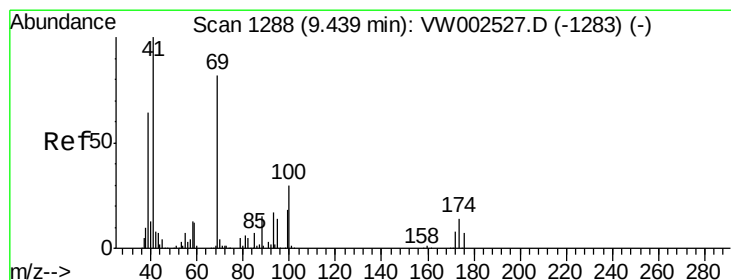
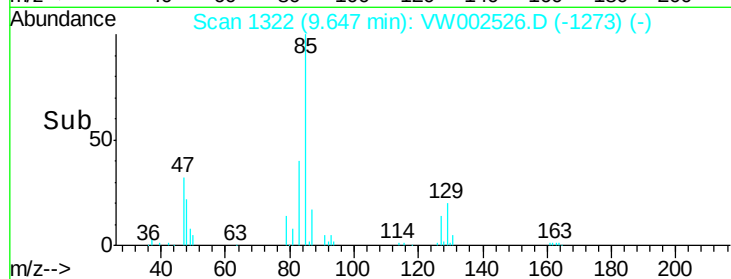
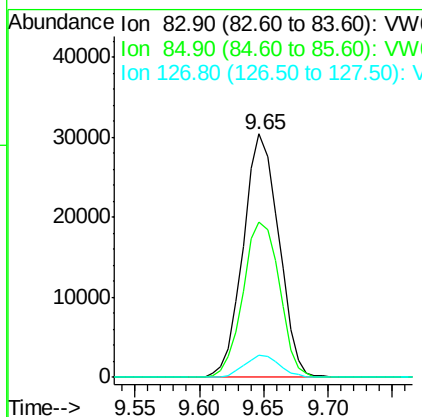
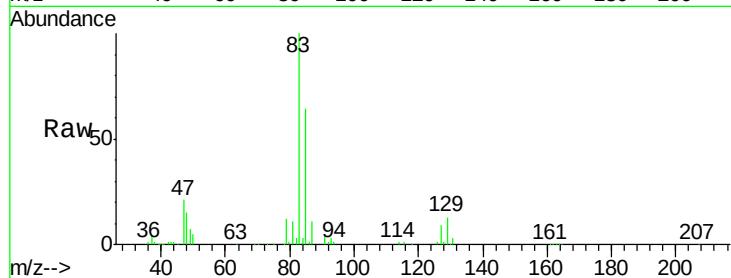
#47
Bromodichloromethane
Concen: 19.00 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2
127	8.9	7.0	10.4

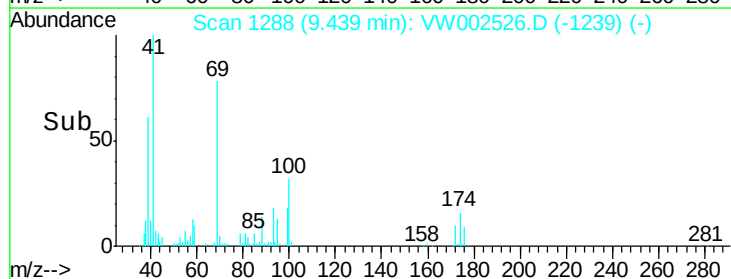
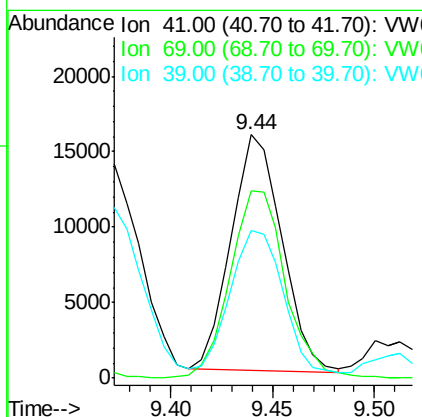
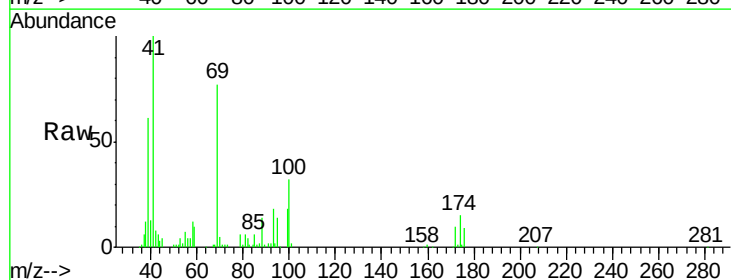
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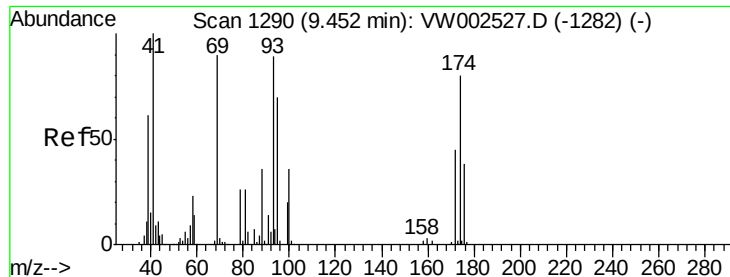
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#48
Methyl methacrylate
Concen: 18.95 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.6	69.7	104.5
39	66.7	55.0	82.4





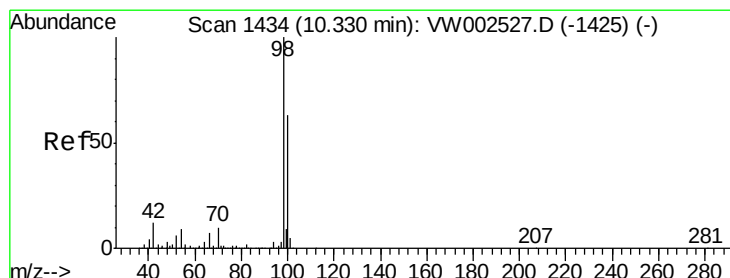
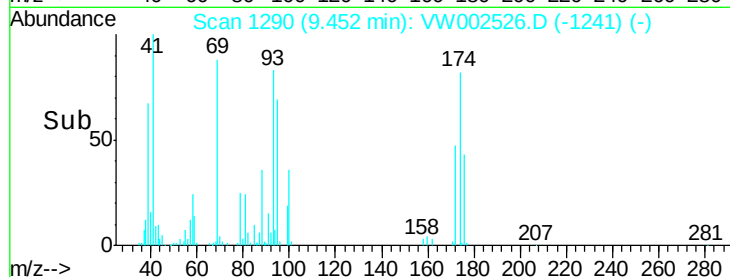
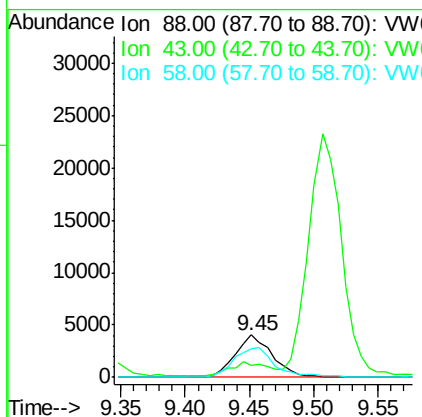
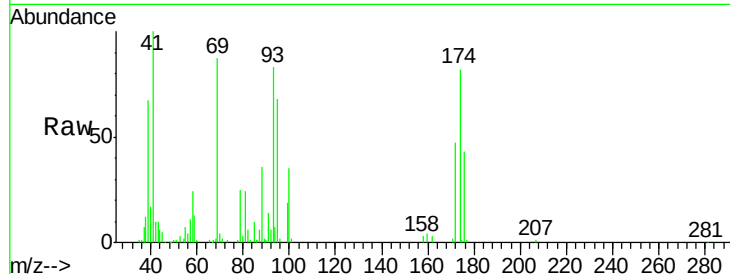
#49
1,4-Dioxane
Concen: 385.47 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	27.0	40.4
58	78.0	56.9	85.3

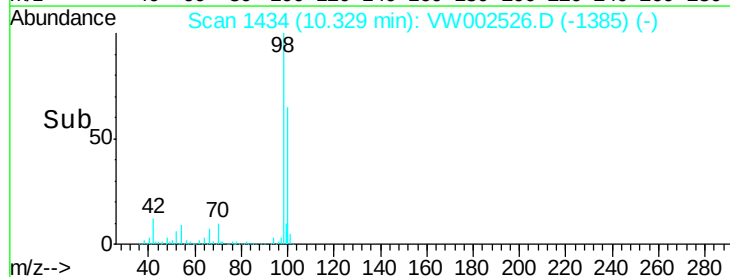
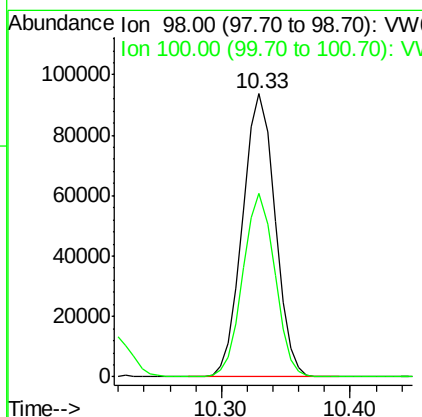
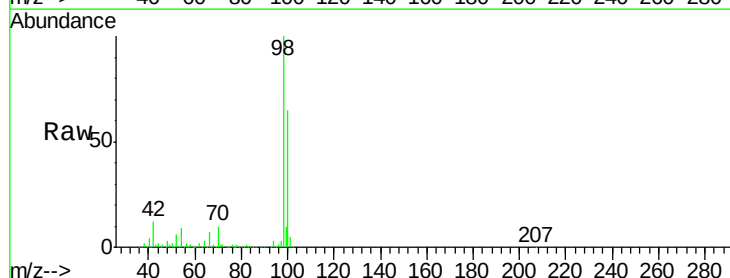
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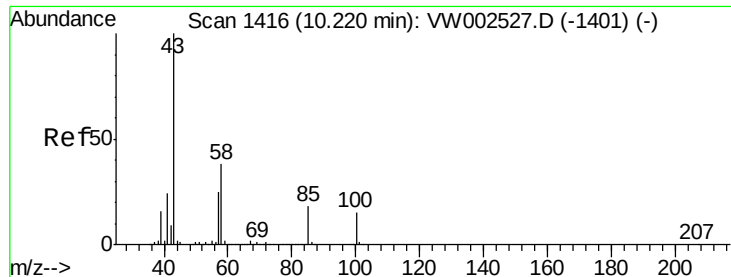
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#50
Toluene-d8
Concen: 19.20 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 95.07 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 155348

Ion Ratio Lower Upper

43 100

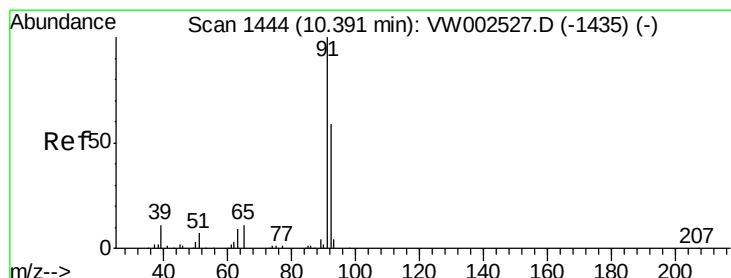
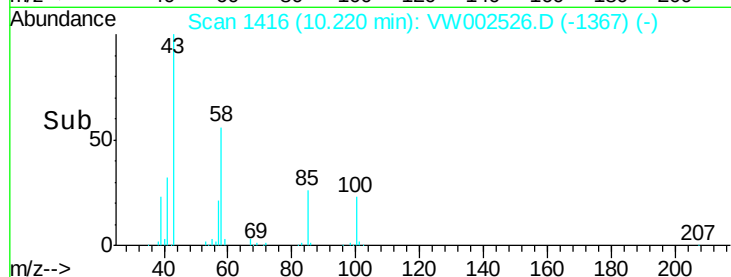
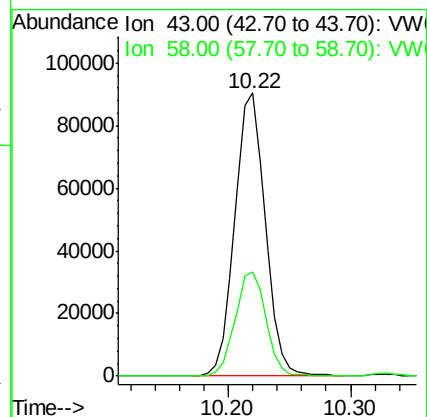
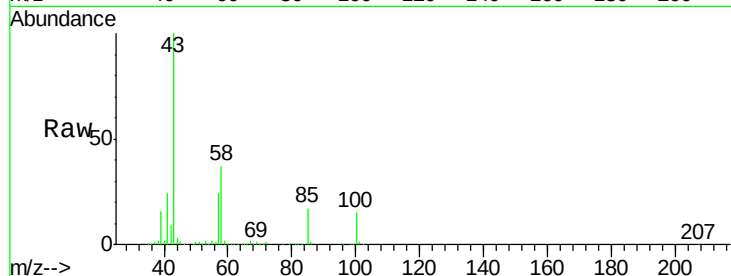
58 37.4 30.1 45.1

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#52

Toluene

Concen: 18.96 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002526.D

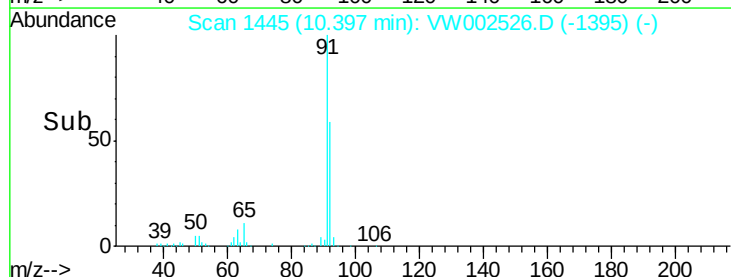
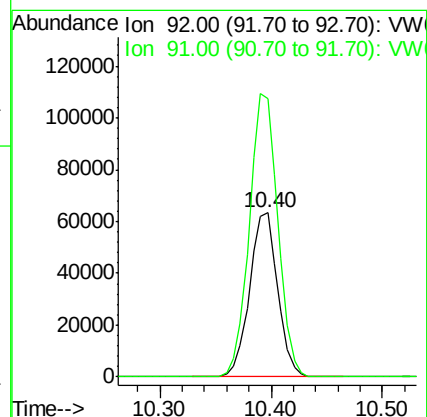
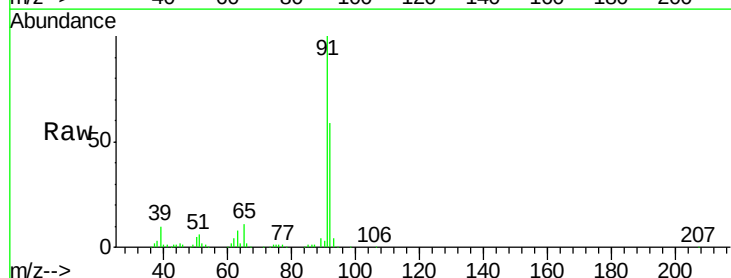
Acq: 14 May 2018 21:41

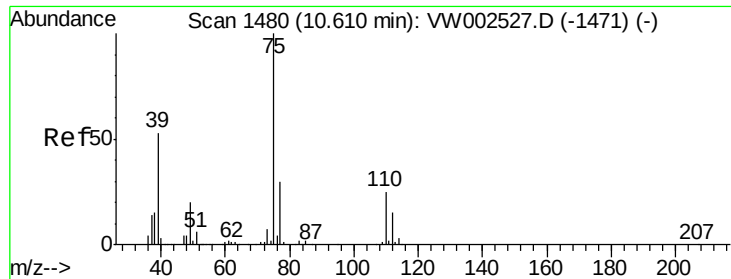
Tgt Ion: 92 Resp: 110762

Ion Ratio Lower Upper

92 100

91 175.4 139.1 208.7





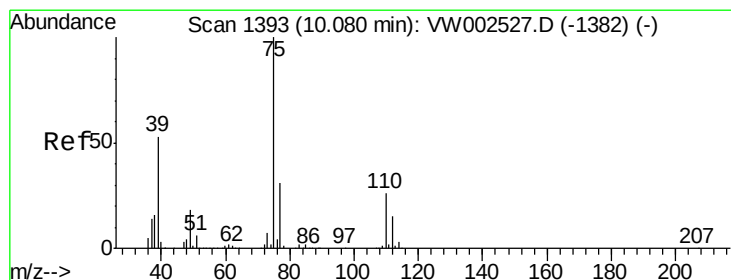
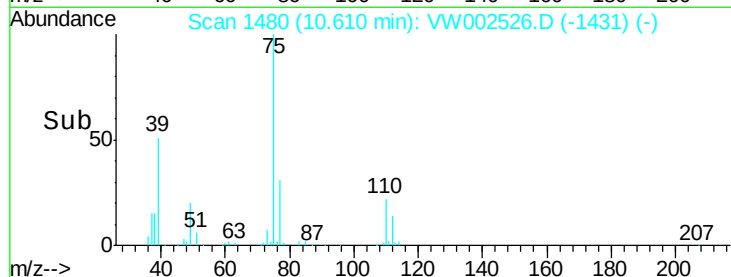
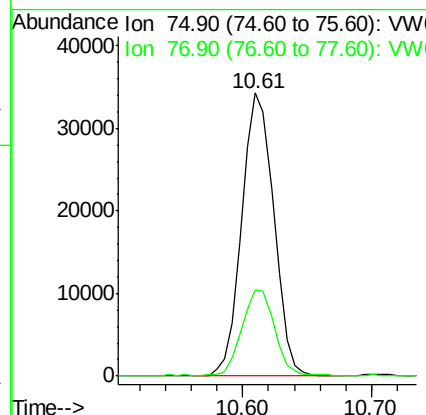
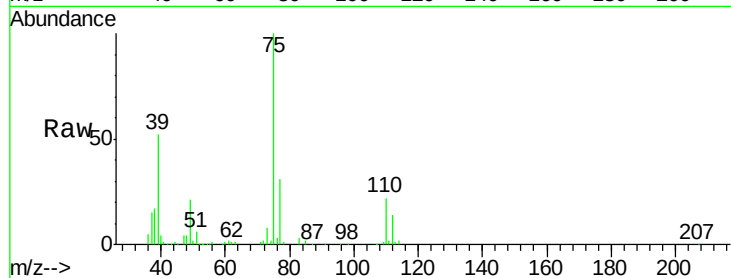
#53
t-1,3-Dichloropropene
Concen: 19.46 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.1	36.1

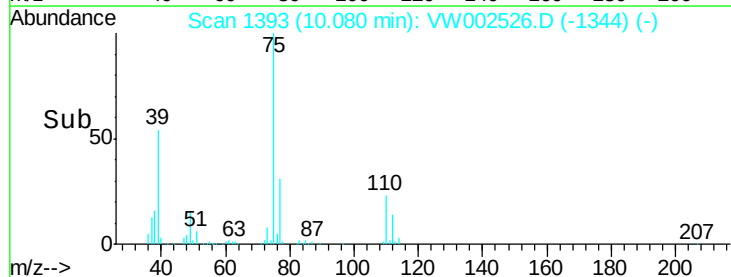
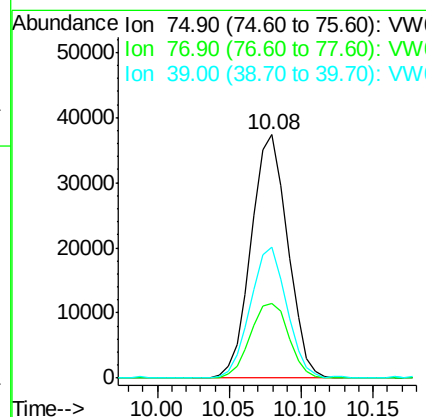
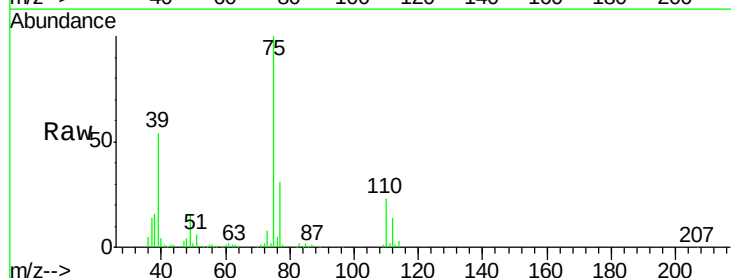
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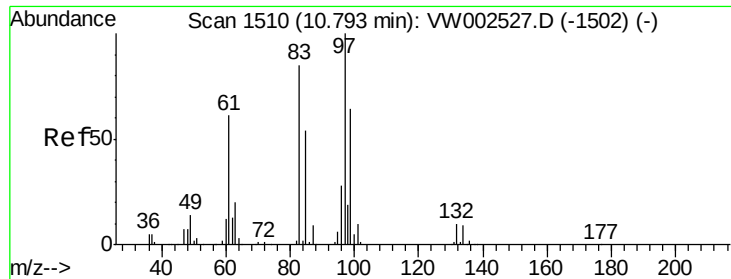
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#54
cis-1,3-Dichloropropene
Concen: 19.10 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.4
39	53.9	42.5	63.7





#55

1,1,2-Trichloroethane

Concen: 19.71 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

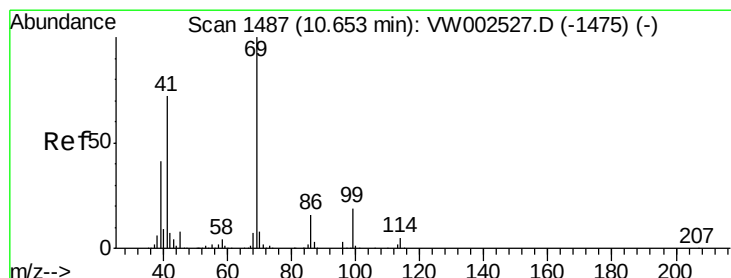
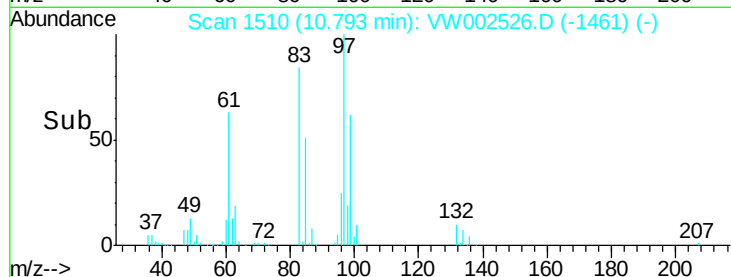
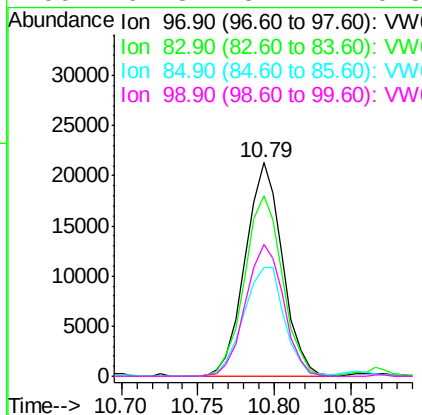
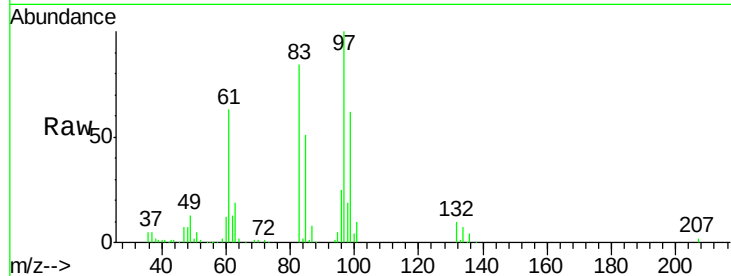
ClientSampled :

VSTDIC020

Tot Ion:	97	Resp:	36077
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.1	102.1
85	51.0	43.6	65.4
99	61.8	51.2	76.8

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#56

Ethyl methacrylate

Concen: 18.75 ug/l

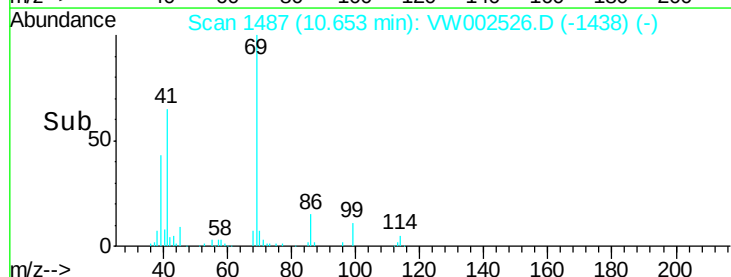
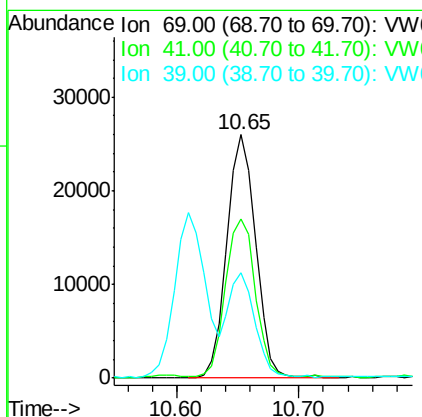
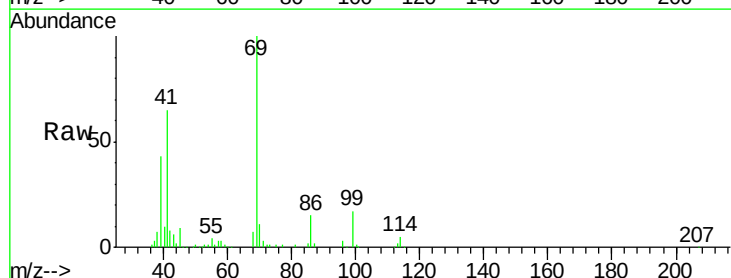
RT: 10.65 min Scan# 1487

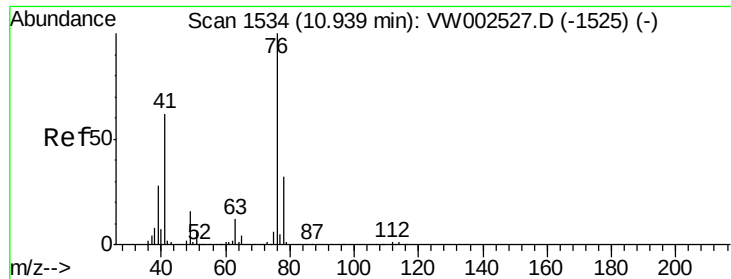
Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	69	Resp:	42485
Ion	Ratio	Lower	Upper
69	100		
41	65.4	55.3	82.9
39	39.9	33.0	49.6





#57

1,3-Dichloropropane

Concen: 19.59 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 76 Resp: 60847

Ion Ratio Lower Upper

76 100

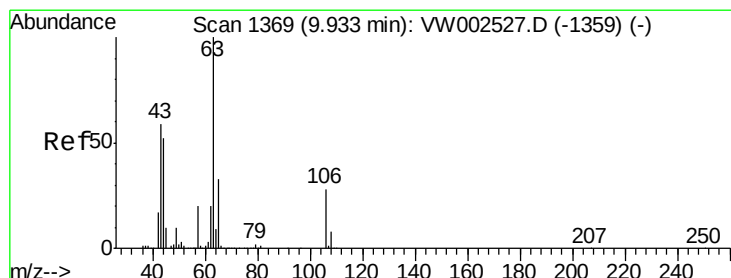
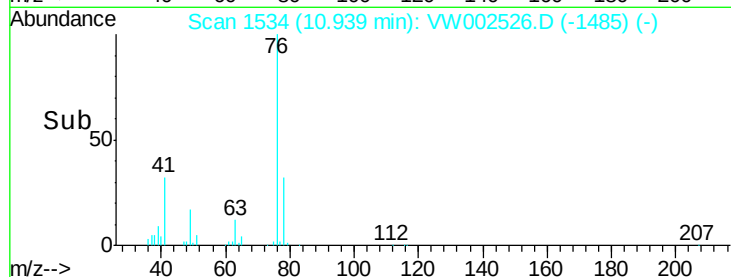
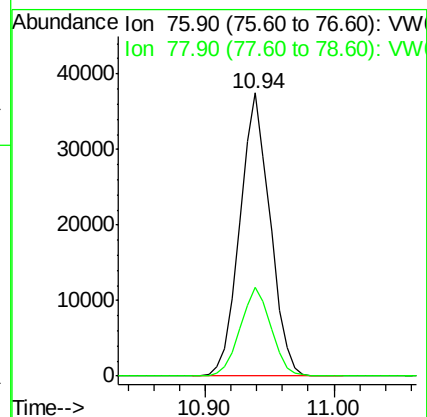
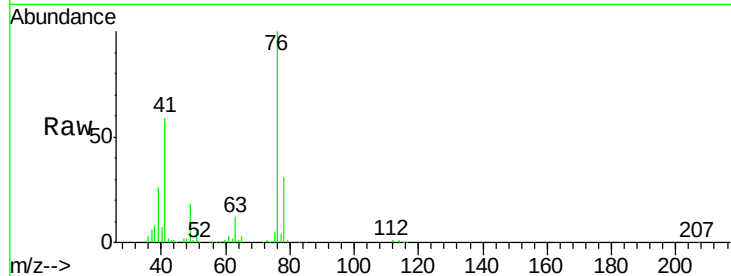
78 32.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 96.75 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002526.D

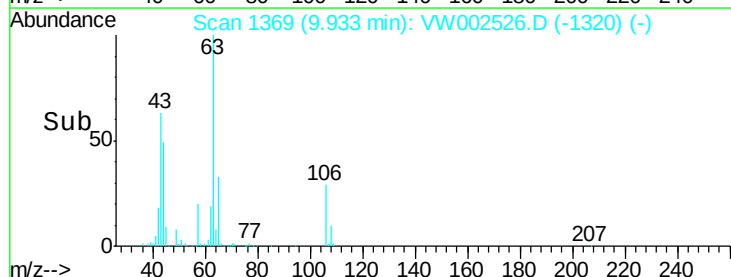
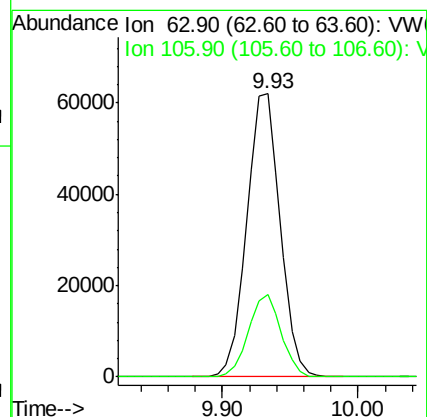
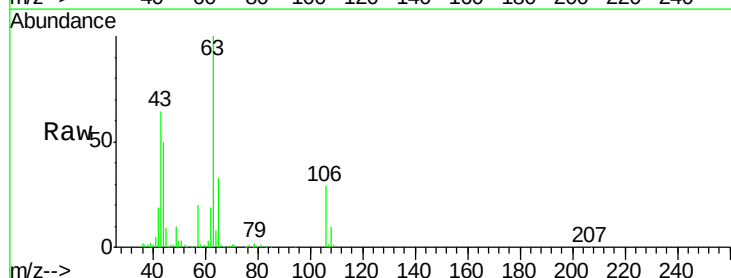
Acq: 14 May 2018 21:41

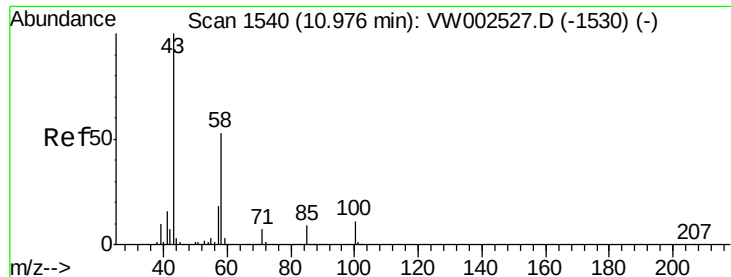
Tgt Ion: 63 Resp: 106564

Ion Ratio Lower Upper

63 100

106 28.7 22.9 34.3





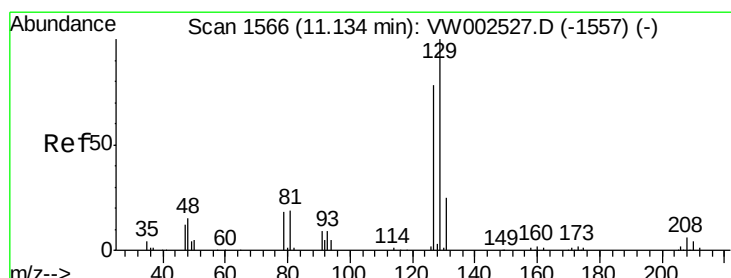
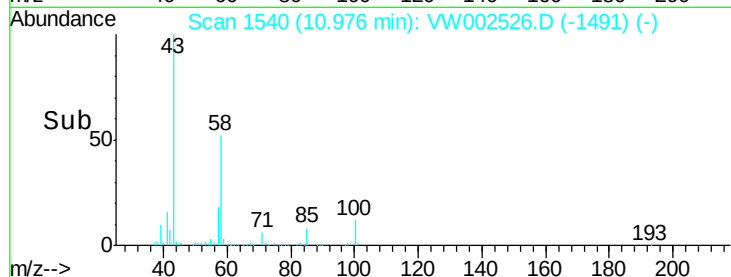
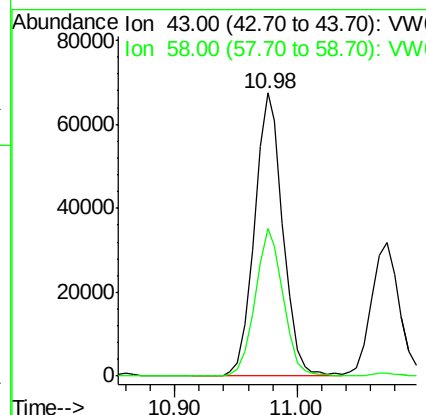
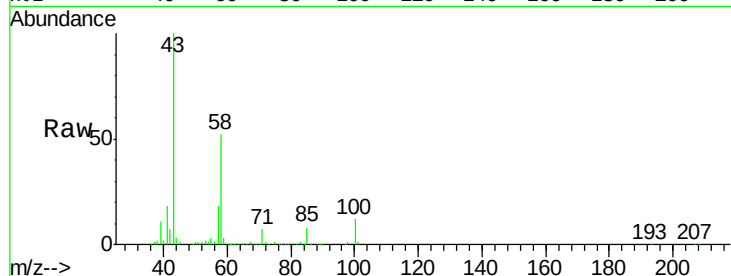
#59
2-Hexanone
Concen: 97.19 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	43	Resp	108822
Ion Ratio	43	100	
Lower	58	51.3	26.3
Upper			78.8

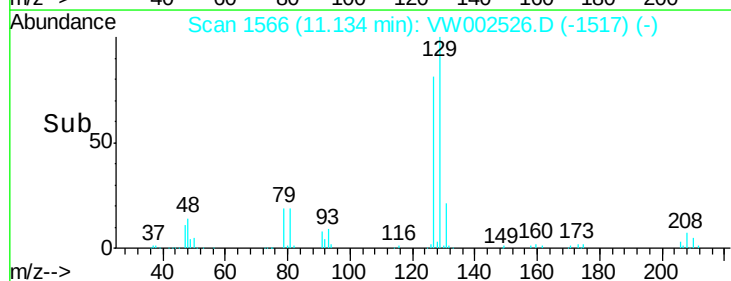
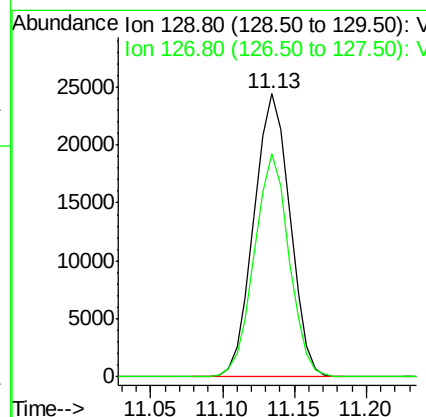
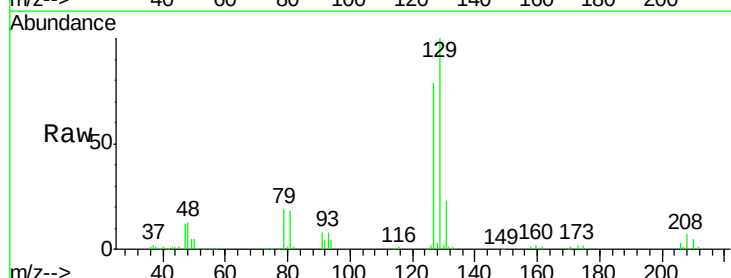
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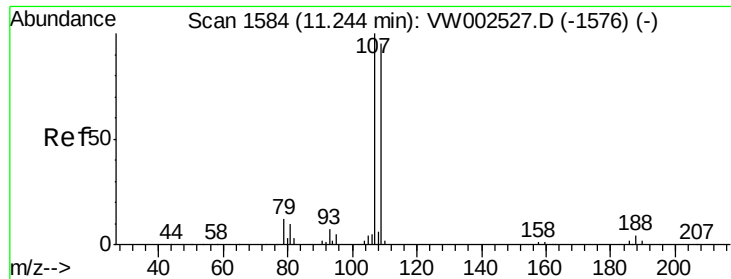
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#60
Dibromochloromethane
Concen: 19.53 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	129	Resp	42242
Ion Ratio	129	100	
Lower	127	76.2	38.6
Upper			115.7





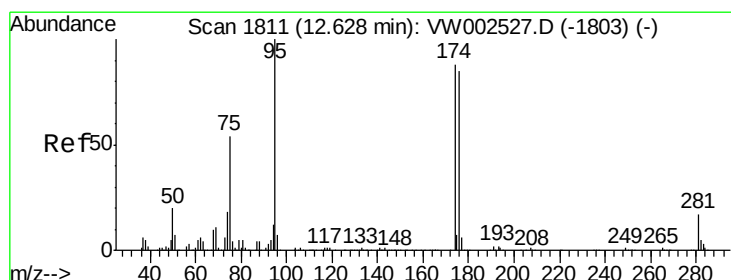
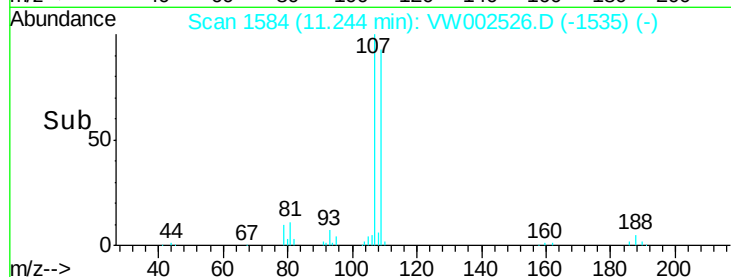
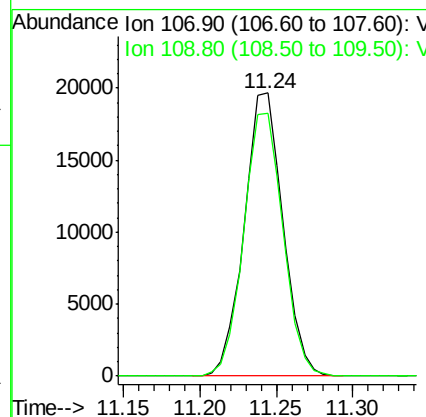
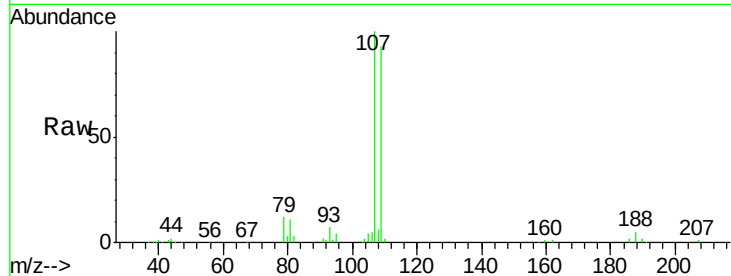
#61
 1,2-Dibromoethane
 Concen: 19.39 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:107 Resp: 34581
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2

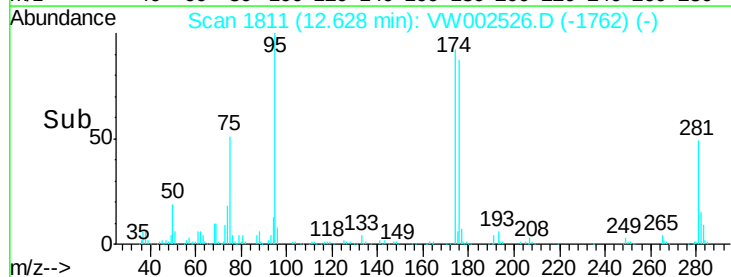
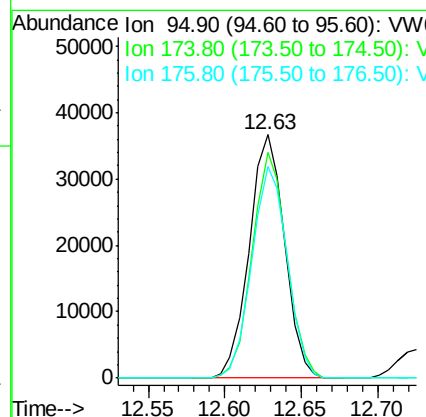
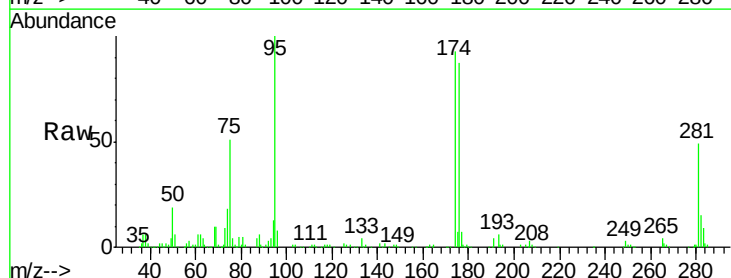
Manual Integrations
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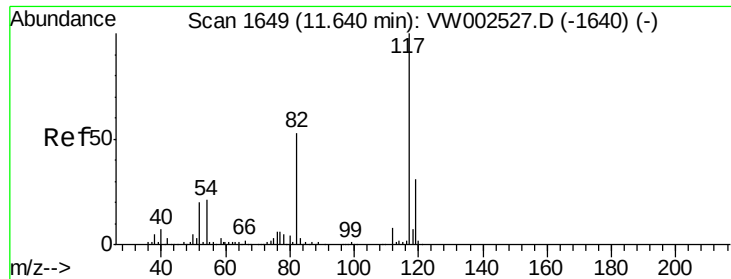
apatel
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#62
 4-Bromofluorobenzene
 Concen: 19.07 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion: 95 Resp: 58839
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 176.6
 176 87.3 0.0 172.2





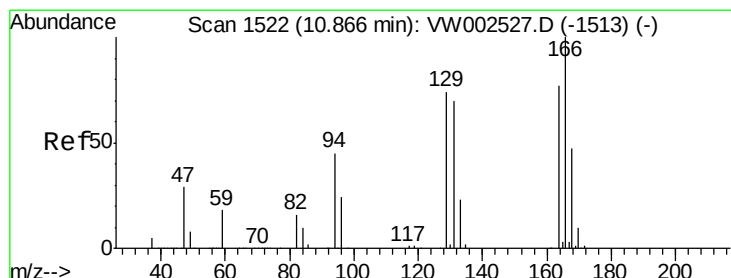
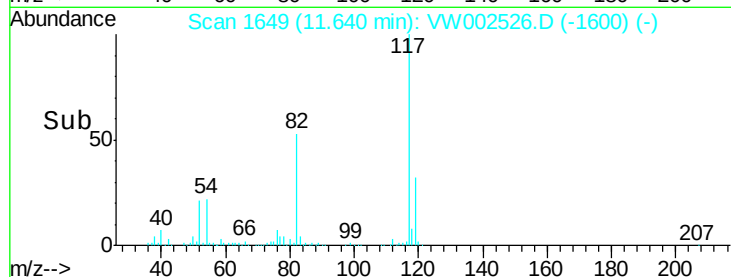
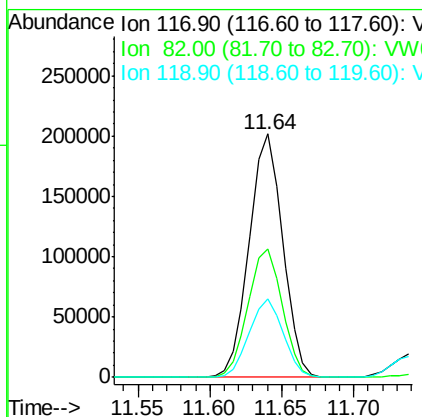
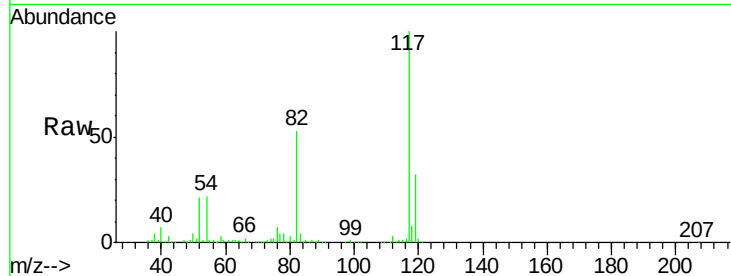
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	64.0
119	32.2	25.0	37.6

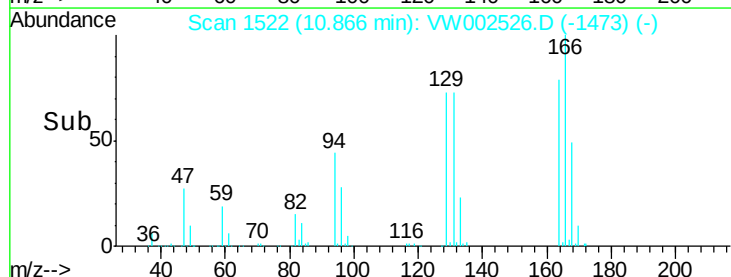
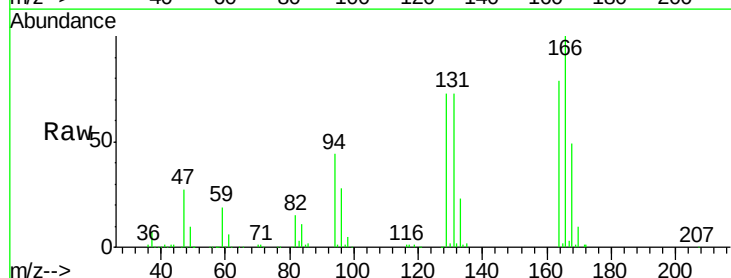
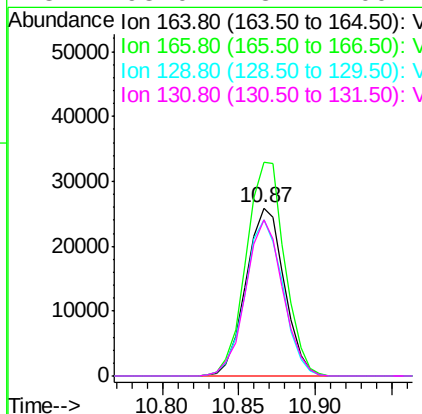
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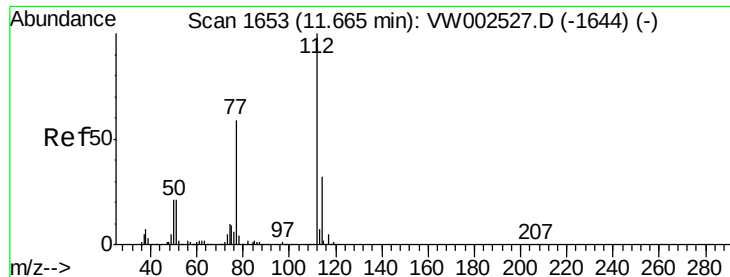
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#64
Tetrachloroethene
Concen: 18.27 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.2	156.2
129	92.7	77.0	115.4
131	93.0	73.1	109.7





#65

Chlorobenzene

Concen: 19.42 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 128417

Ion Ratio Lower Upper

112 100

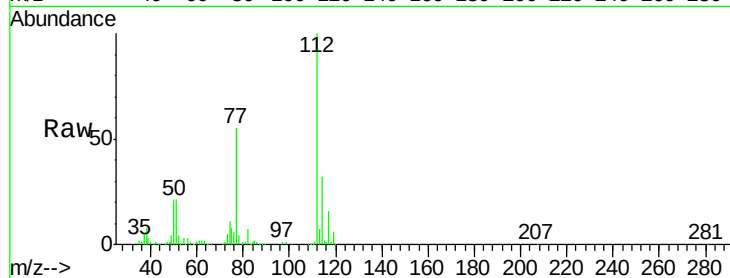
114 31.8 25.3 37.9

Manual Integrations

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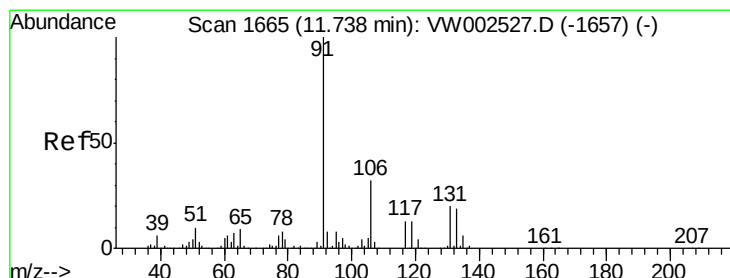
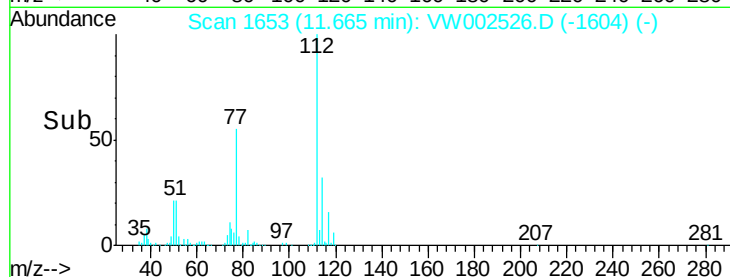
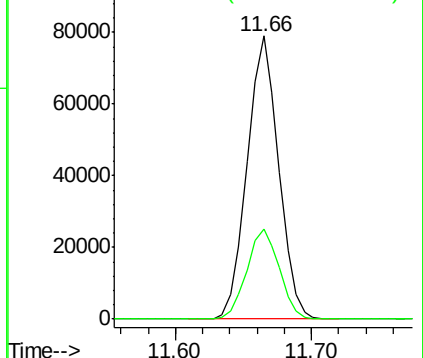
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.34 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

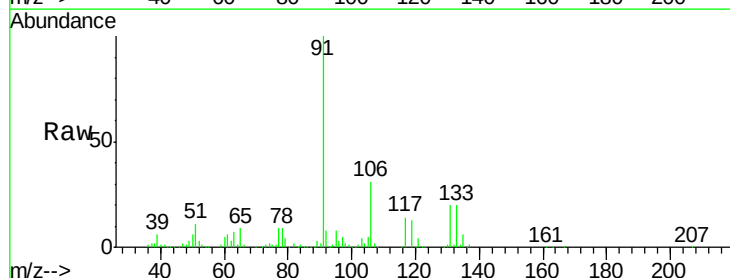
Tgt Ion:131 Resp: 45701

Ion Ratio Lower Upper

131 100

133 95.9 48.4 145.3

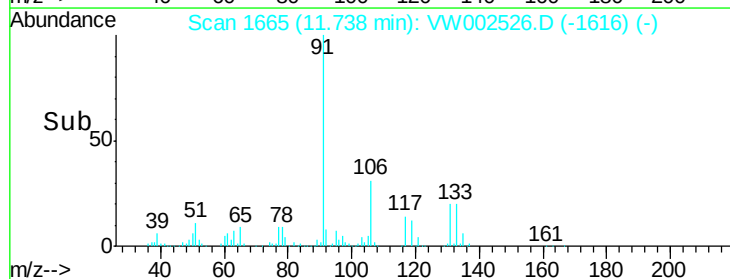
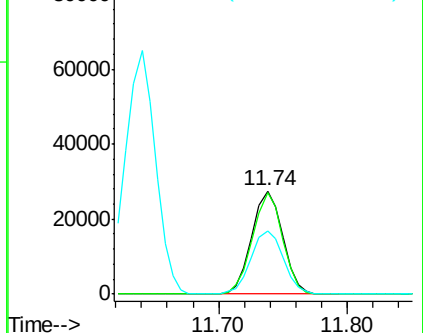
119 64.6 32.2 96.6

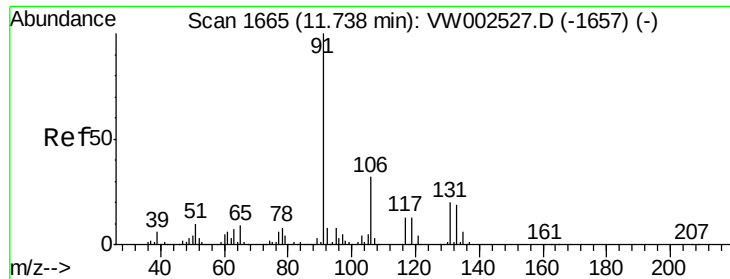


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





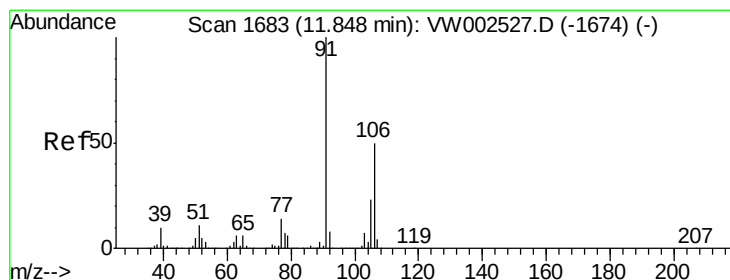
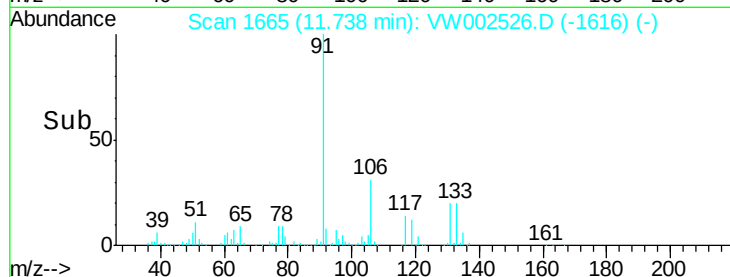
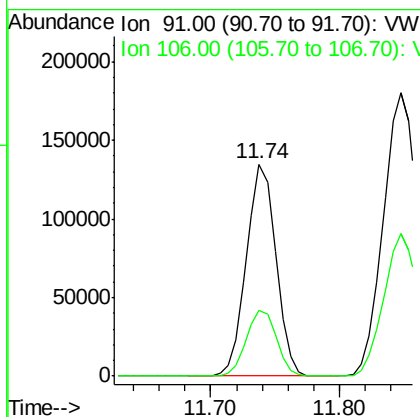
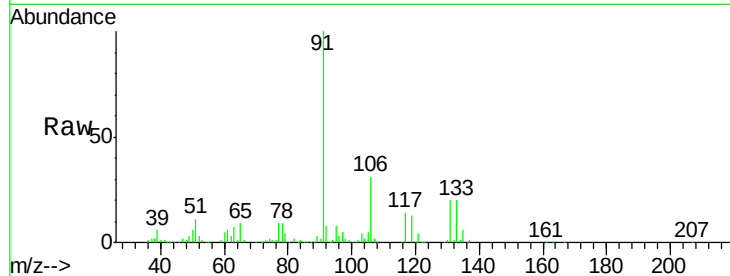
#67
Ethyl Benzene
Concen: 18.74 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.4	38.0

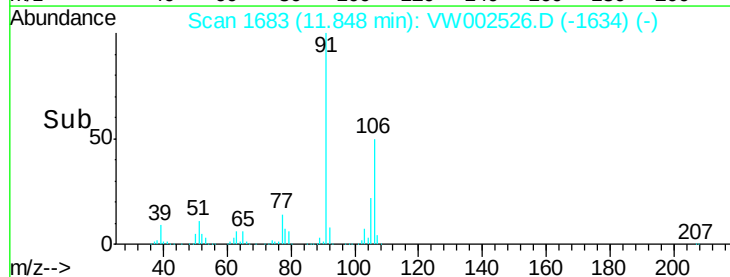
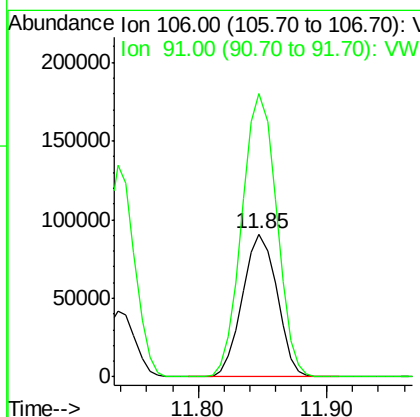
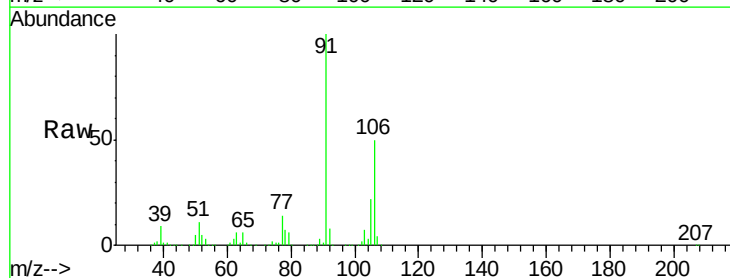
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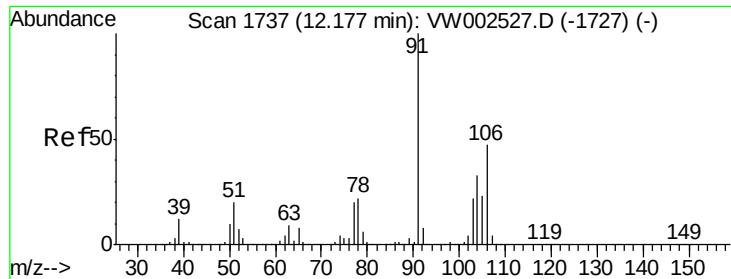
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#68
m/p-Xylenes
Concen: 38.39 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.6	161.4	242.2





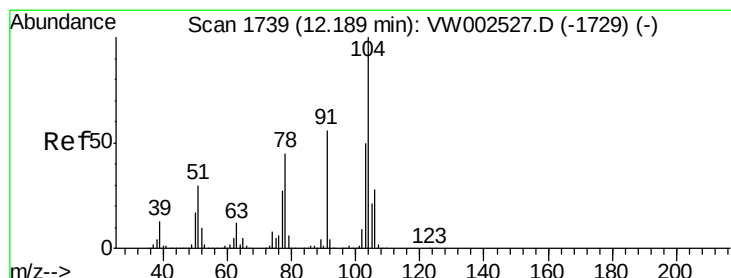
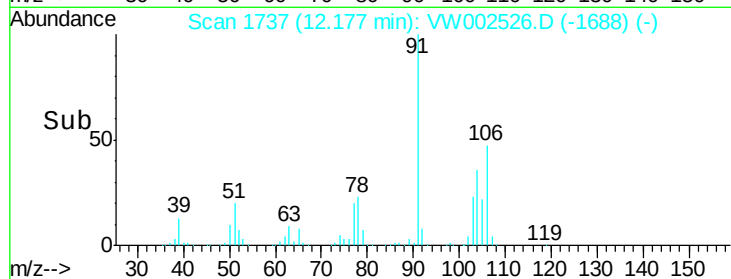
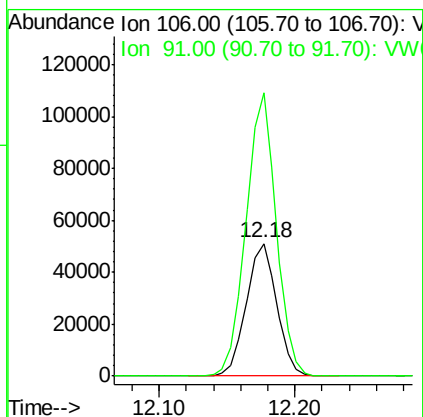
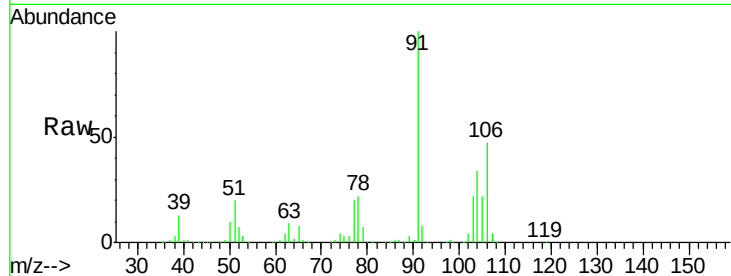
#69
o-Xylene
Concen: 19.20 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 80249
Ion Ratio Lower Upper
106 100
91 211.3 106.7 320.2

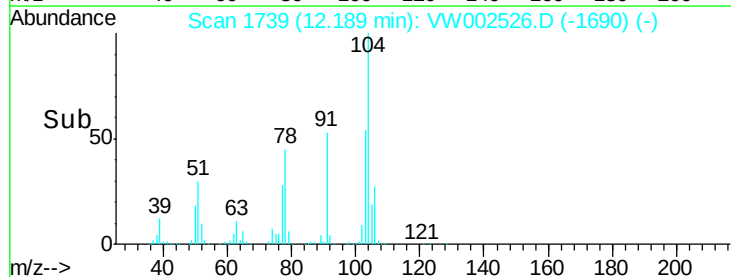
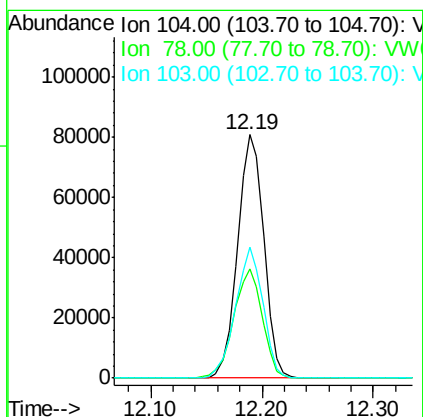
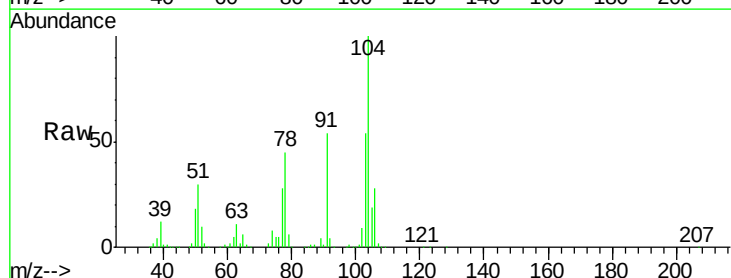
Manual Integrations
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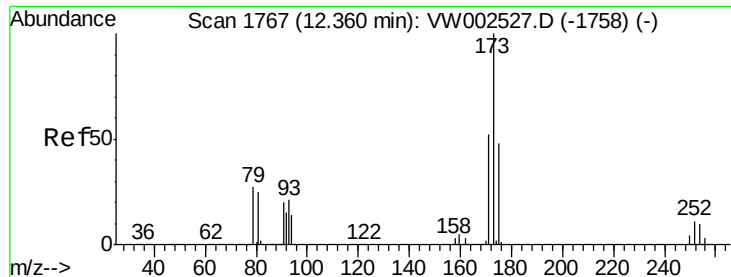
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#70
Styrene
Concen: 19.02 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion:104 Resp: 131886
Ion Ratio Lower Upper
104 100
78 49.0 40.1 60.1
103 56.0 44.6 66.8





#71

Bromoform

Concen: 19.22 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

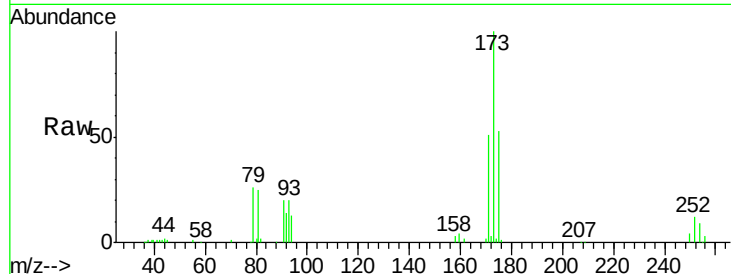
ClientSampleId :

VSTDIC020

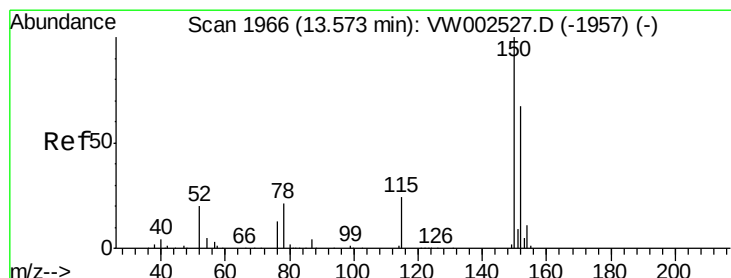
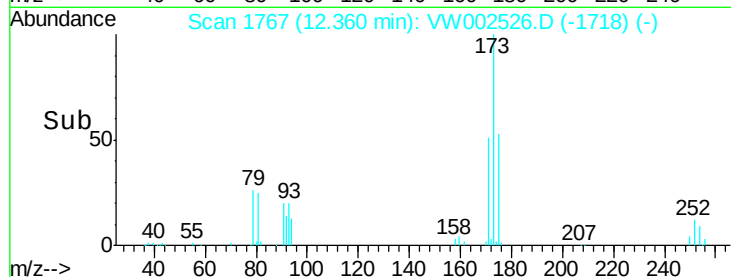
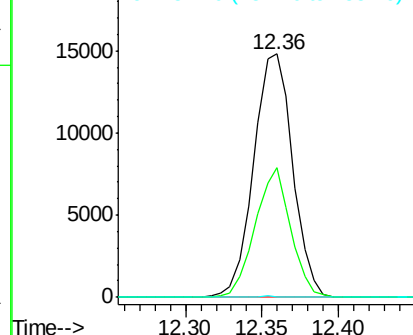
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.2	0.1	0.1#

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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

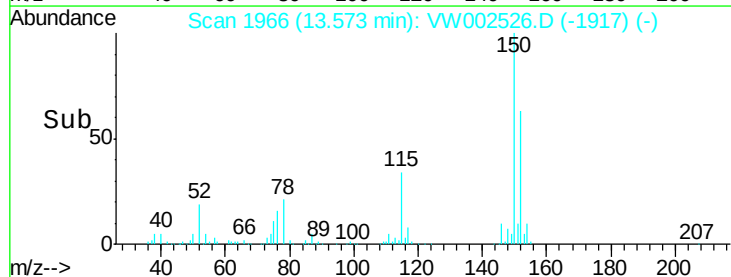
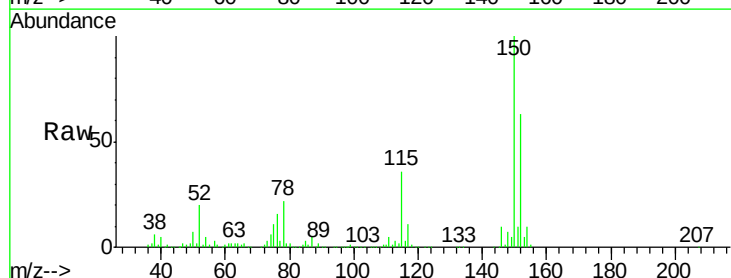
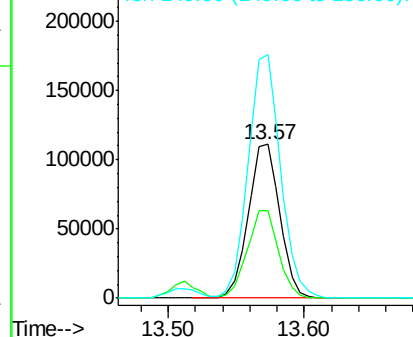
Delta R.T. -0.00 min

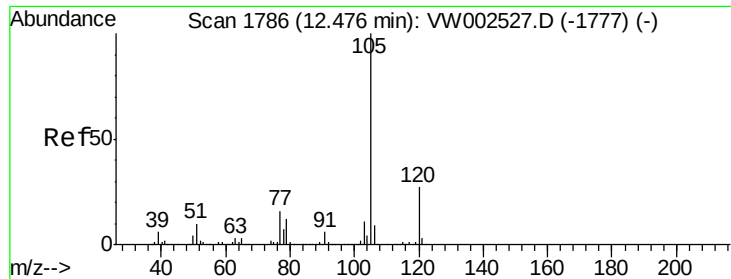
Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	84.0
150	162.8	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: 18.21 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 212645

Ion Ratio Lower Upper

105 100

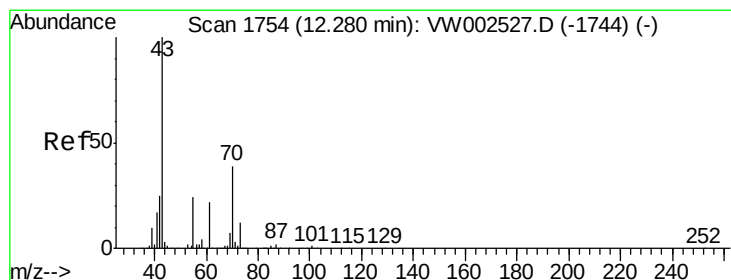
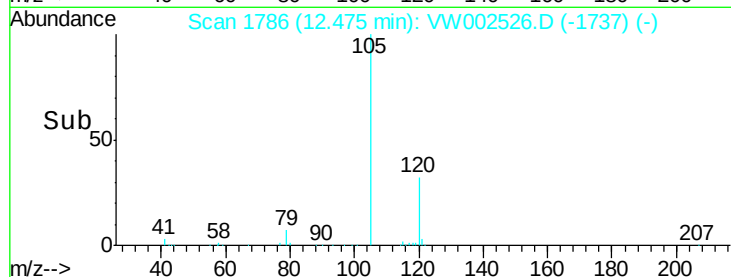
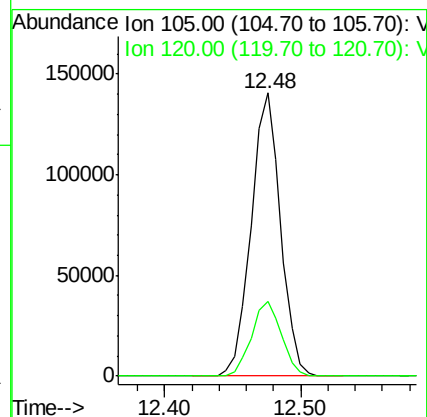
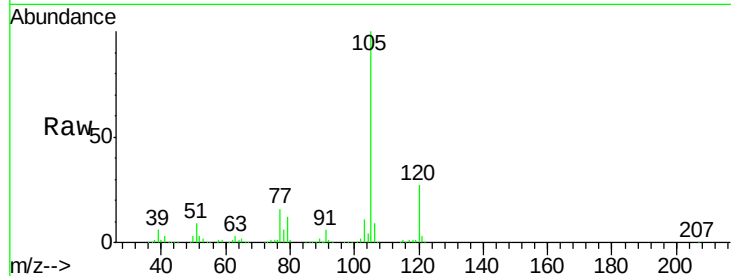
120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 18.34 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion: 43 Resp: 54033

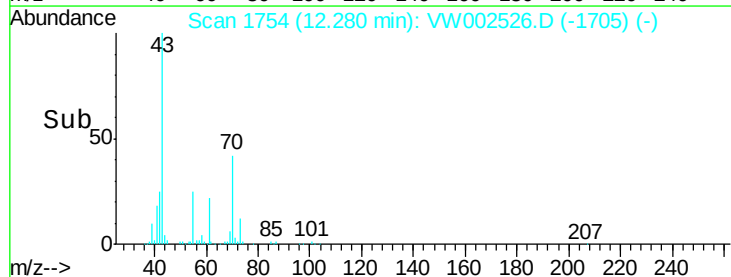
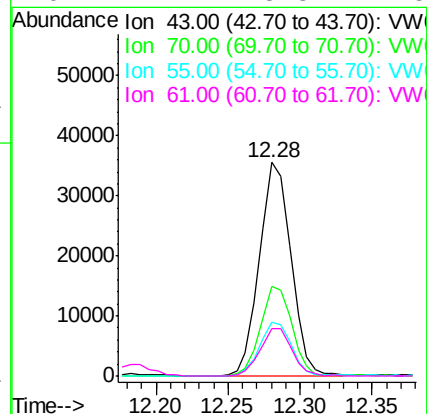
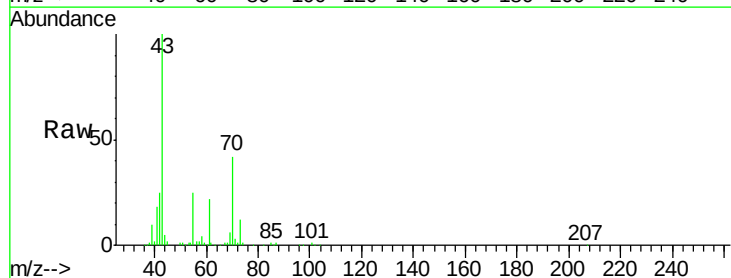
Ion Ratio Lower Upper

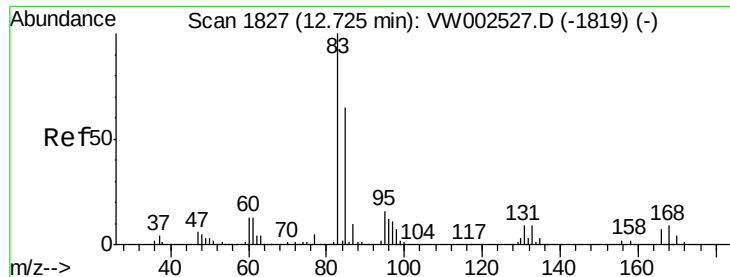
43 100

70 42.3 31.9 47.9

55 25.3 19.4 29.0

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.23 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

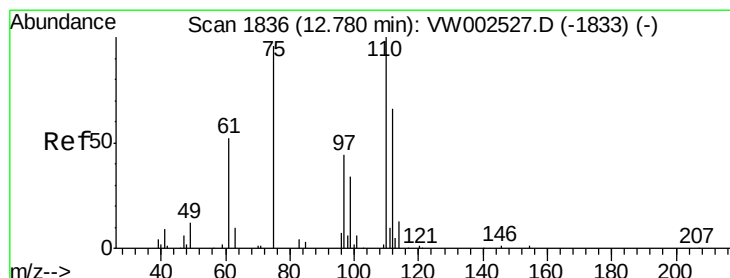
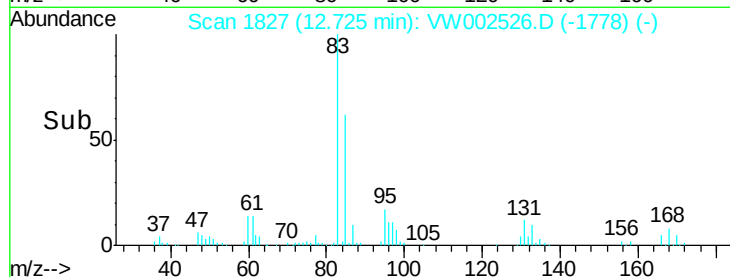
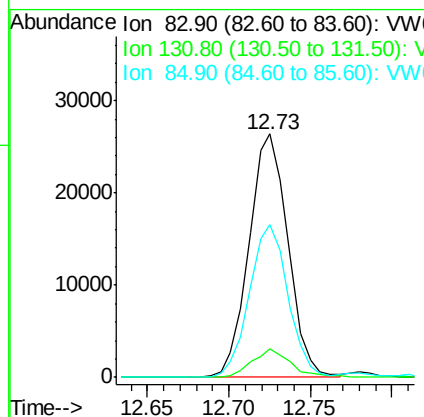
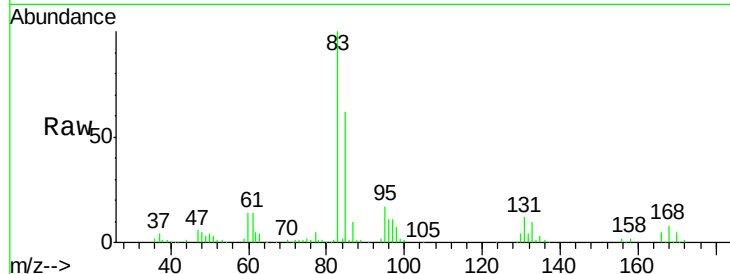
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	43890
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.4	16.2
85	62.1	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.24 ug/l m

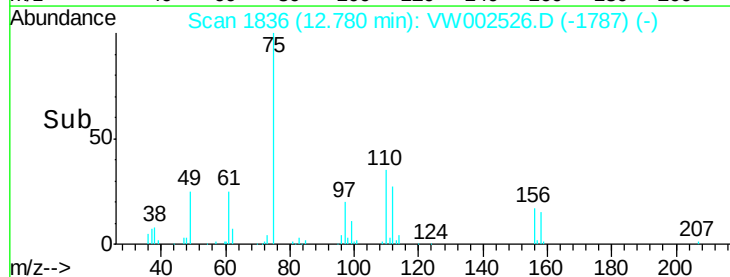
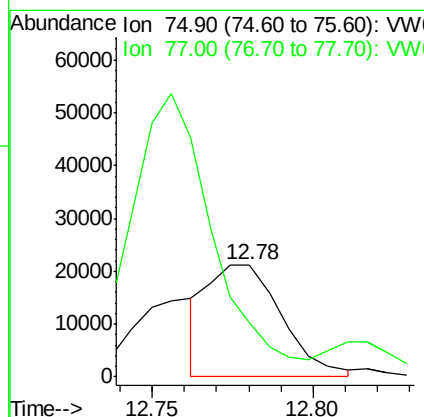
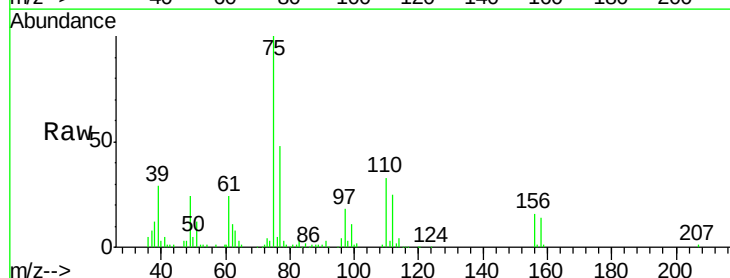
RT: 12.78 min Scan# 1836

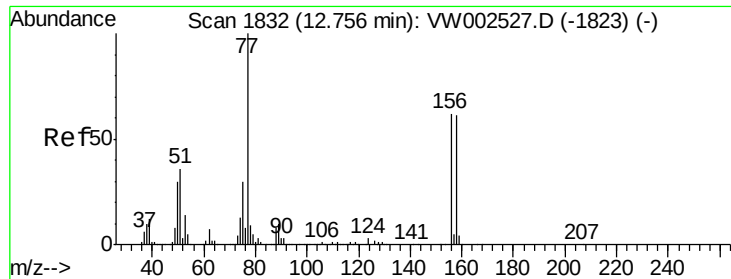
Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	75	Resp:	33742
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.72 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

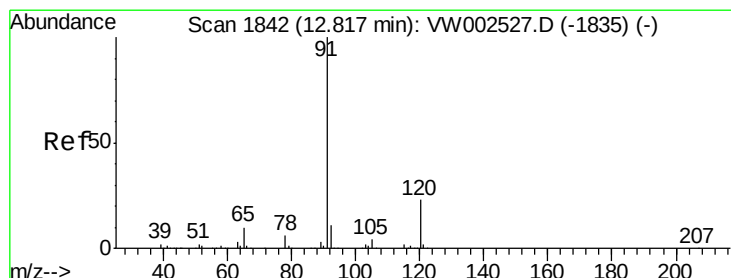
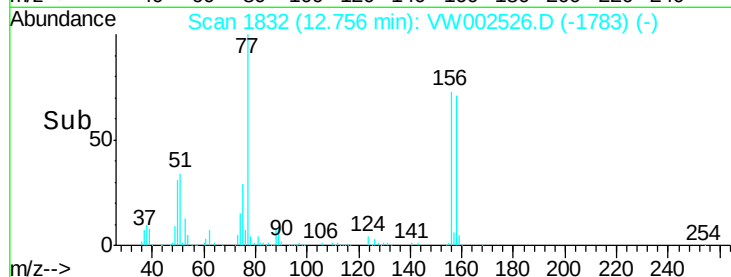
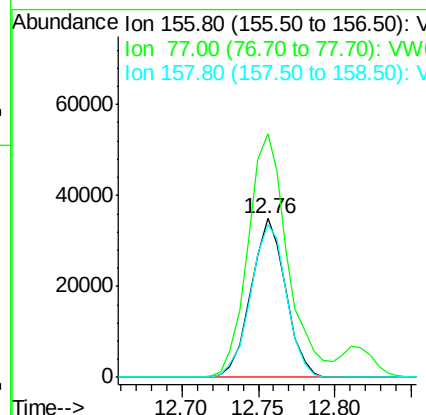
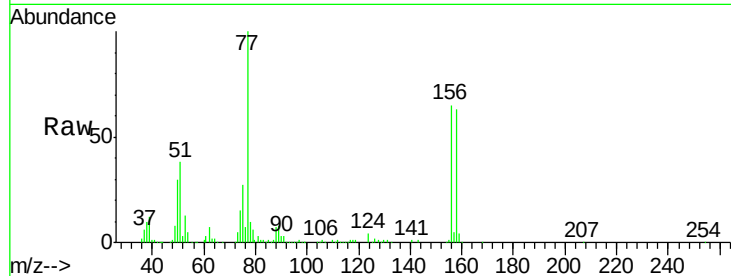
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	55167
Ion	Ratio	Lower	Upper
156	100		
77	176.4	89.8	269.4
158	98.8	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 18.74 ug/l

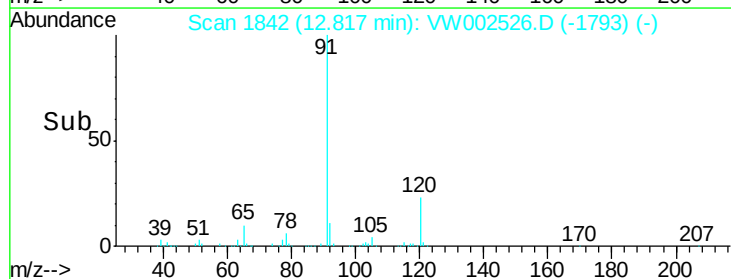
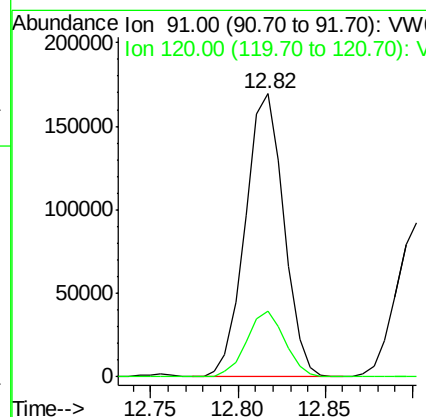
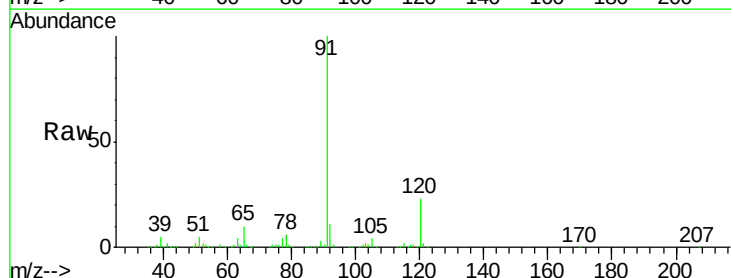
RT: 12.82 min Scan# 1842

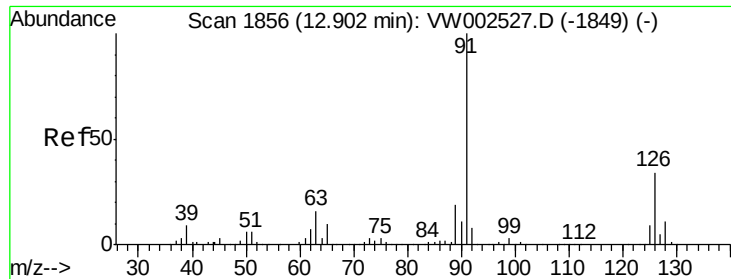
Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Tgt Ion:	91	Resp:	259389
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 18.64 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002526.D

Acq: 14 May 2018 21:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 148286

Ion Ratio Lower Upper

91 100

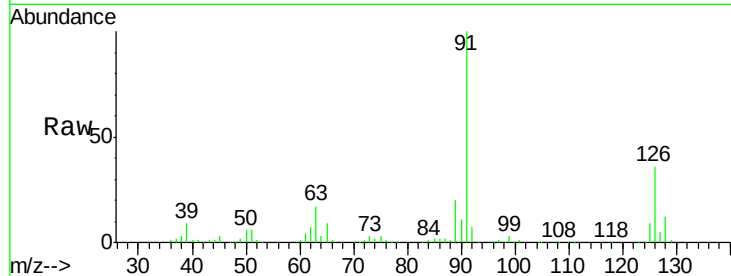
126 36.0 17.6 52.8

Manual Integrations

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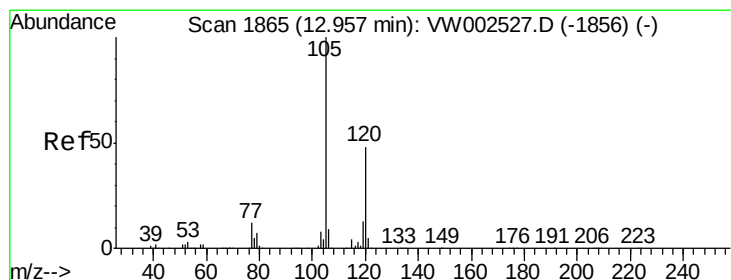
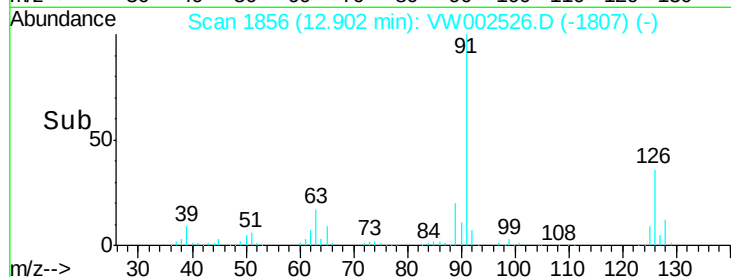
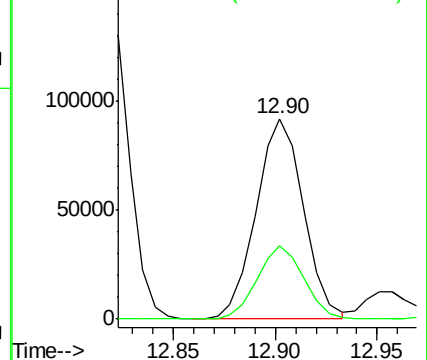
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.69 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002526.D

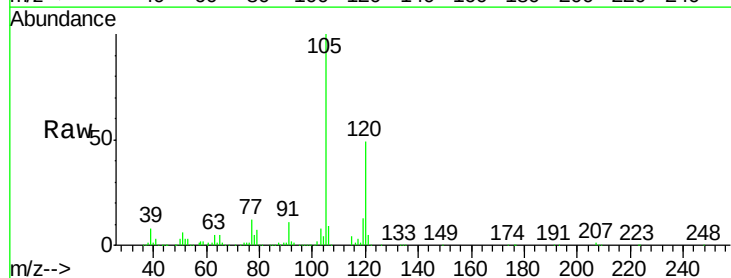
Acq: 14 May 2018 21:41

Tgt Ion:105 Resp: 183757

Ion Ratio Lower Upper

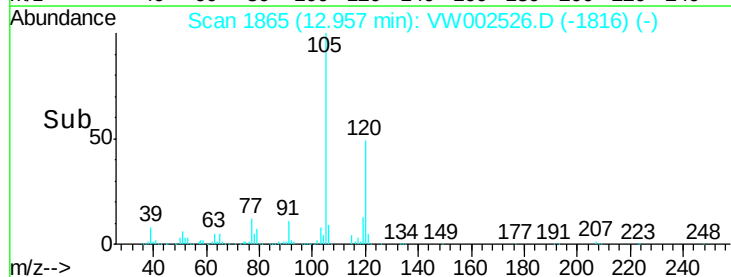
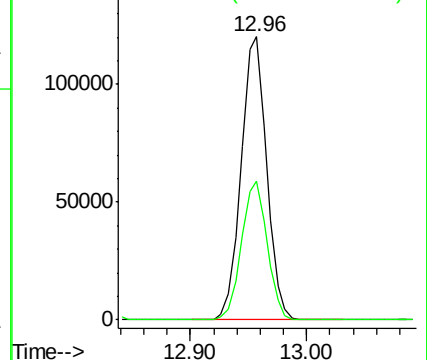
105 100

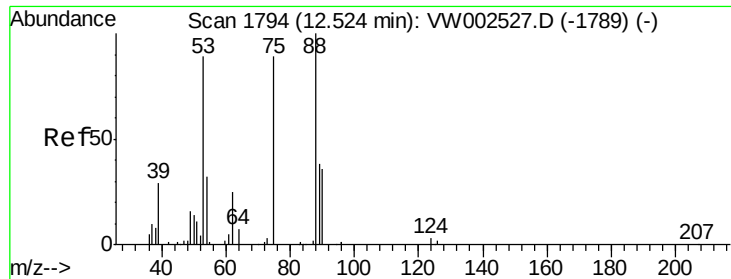
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





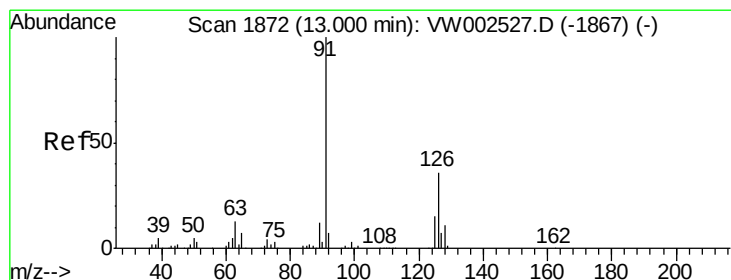
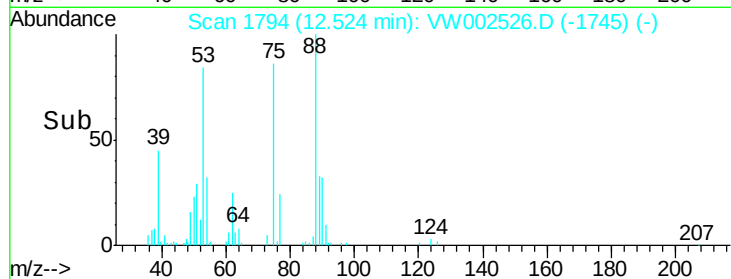
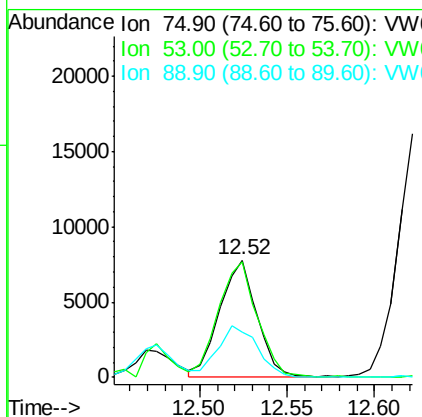
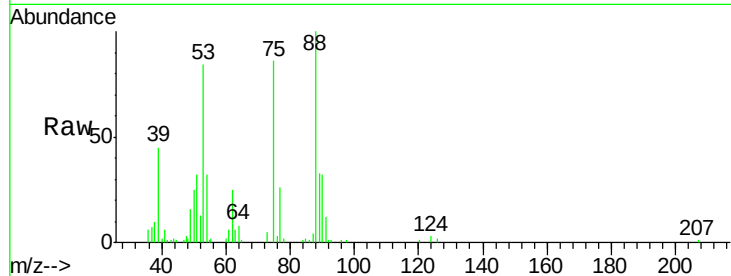
#81
trans-1,4-Dichloro-2-butene
Concen: 18.96 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	82.6	124.0
89	45.5	39.2	58.8

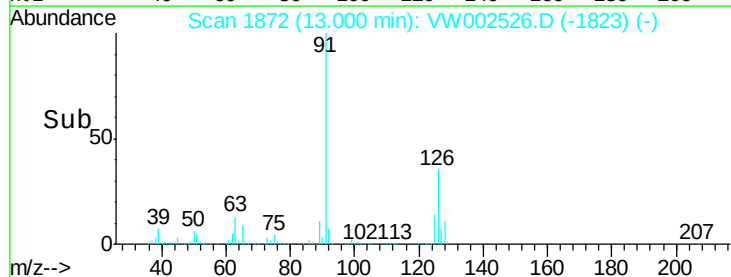
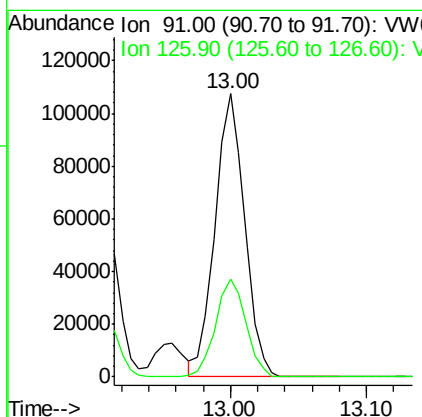
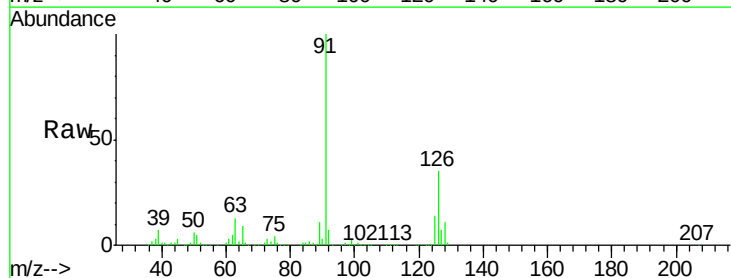
Manual Integrations
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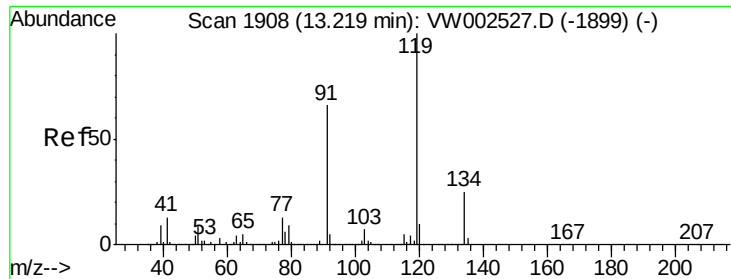
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#82
4-Chlorotoluene
Concen: 19.13 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.5





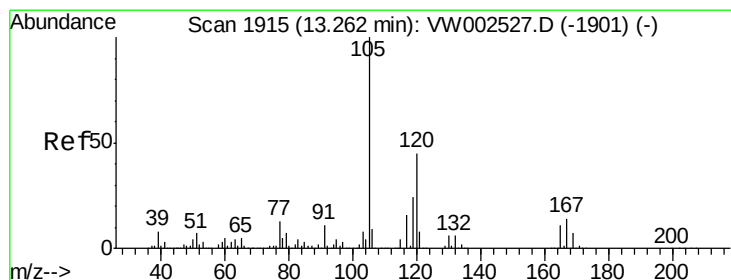
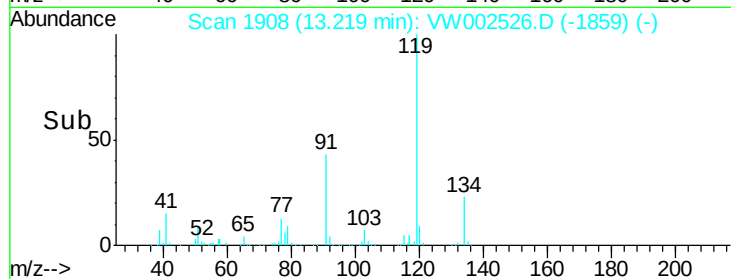
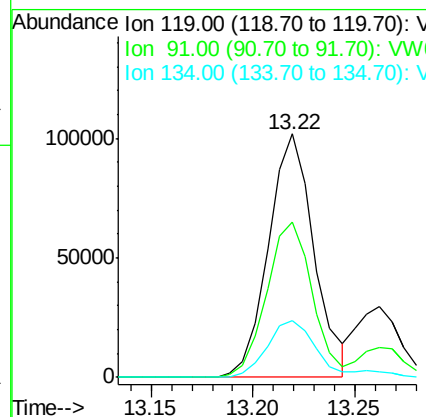
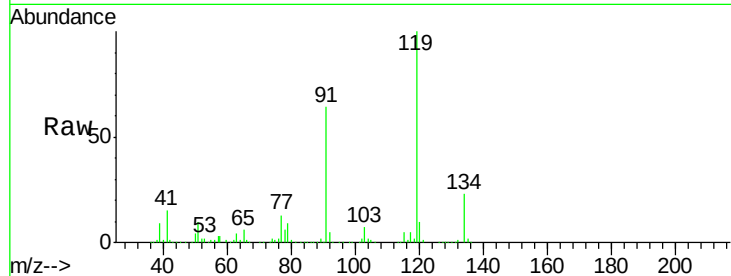
#83
 tert-Butylbenzene
 Concen: 18.75 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.5	97.5
134	26.5	13.2	39.6

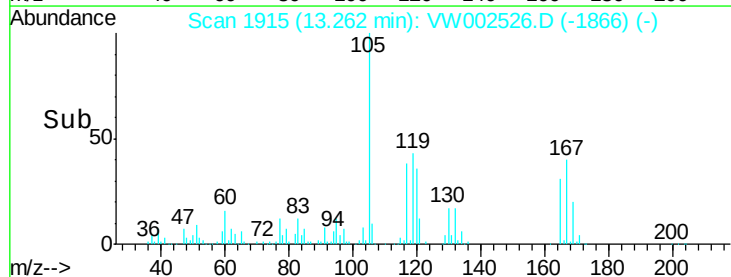
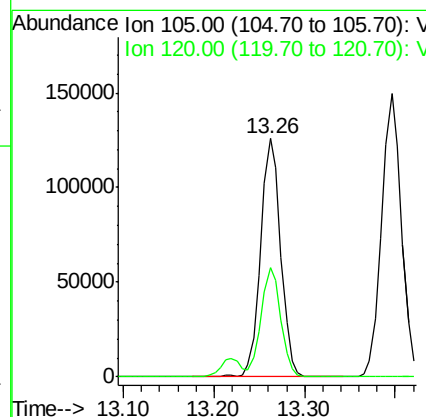
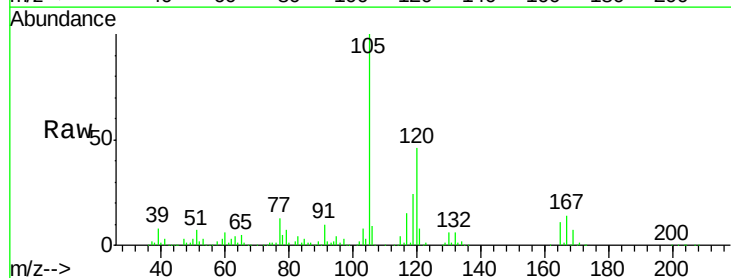
Manual Integrations
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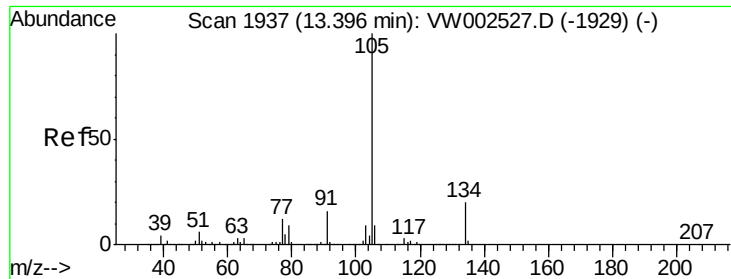
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.90 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9





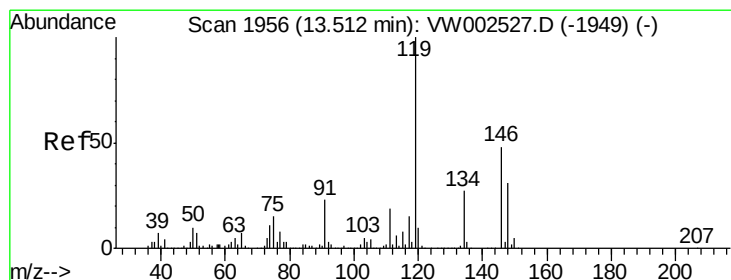
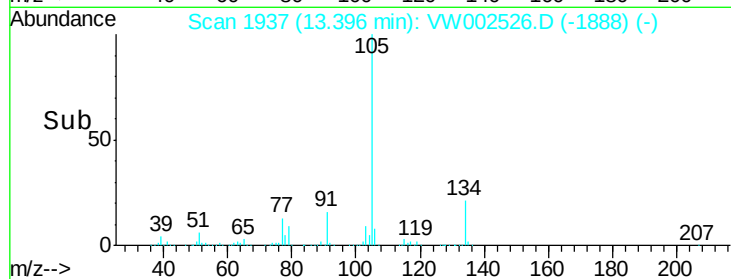
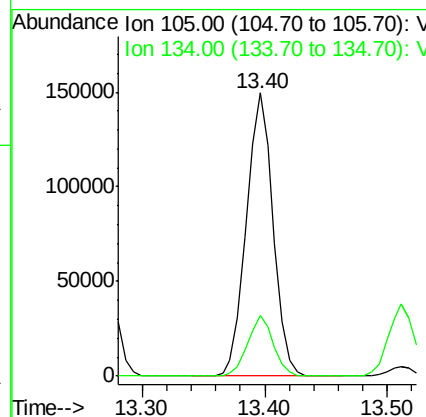
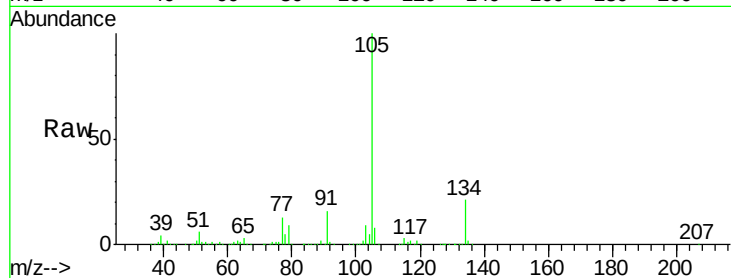
#85
 sec-Butylbenzene
 Concen: 18.69 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	226185		
134	20.4	10.1	30.3	

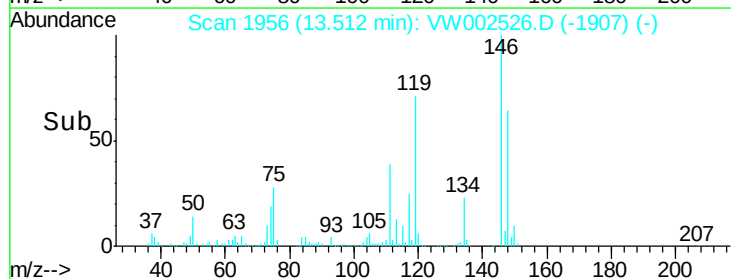
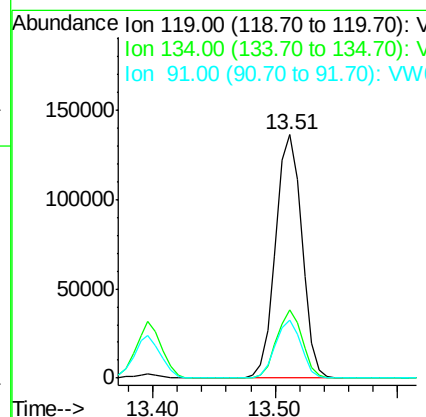
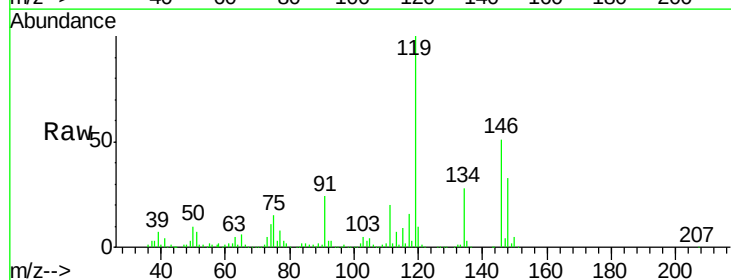
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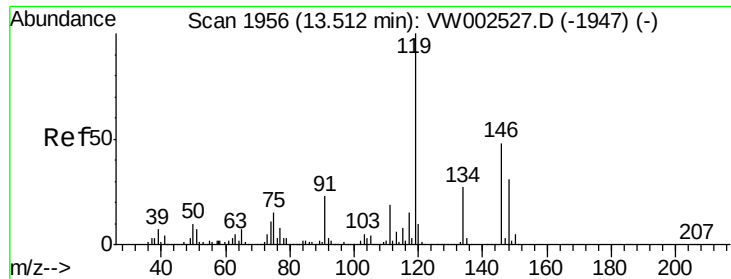
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#86
 p-Isopropyltoluene
 Concen: 18.81 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	203969		
134	27.2	13.4	40.1	
91	23.4	11.6	34.8	





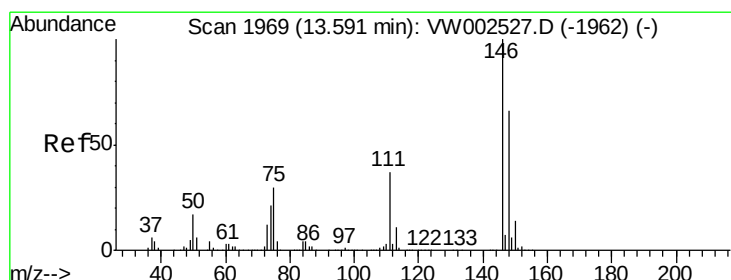
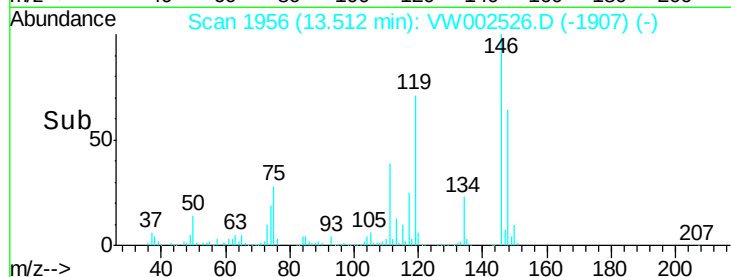
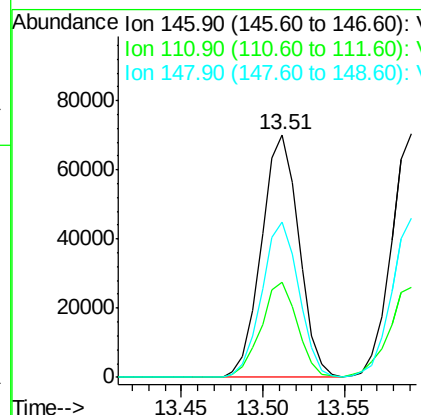
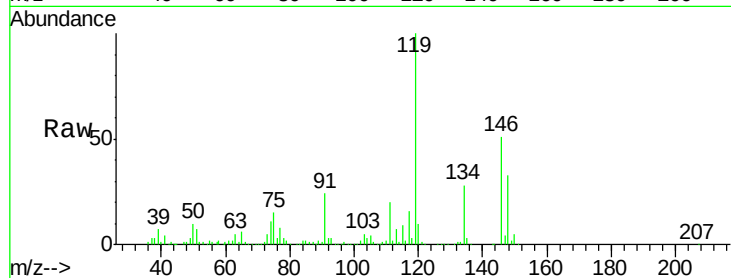
#87
 1,3-Dichlorobenzene
 Concen: 19.27 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.6	58.7
148	63.4	32.3	96.8

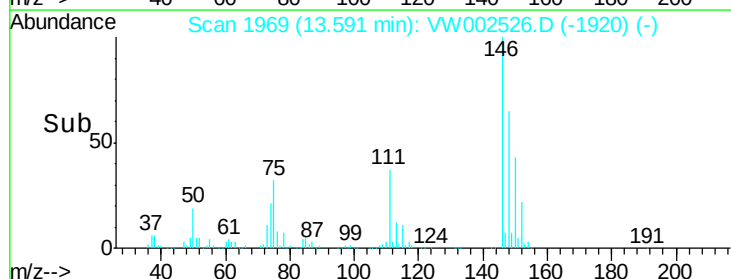
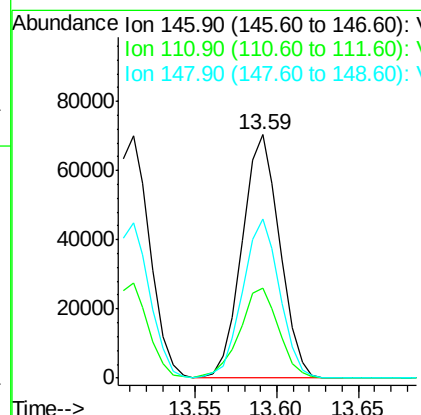
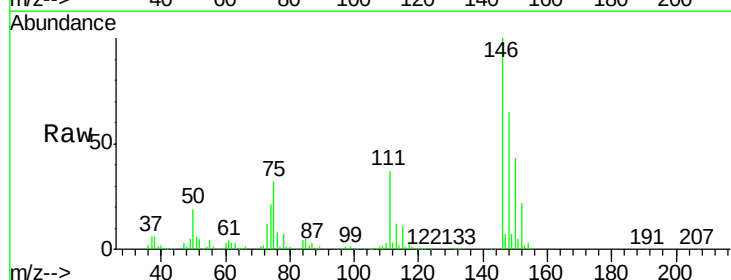
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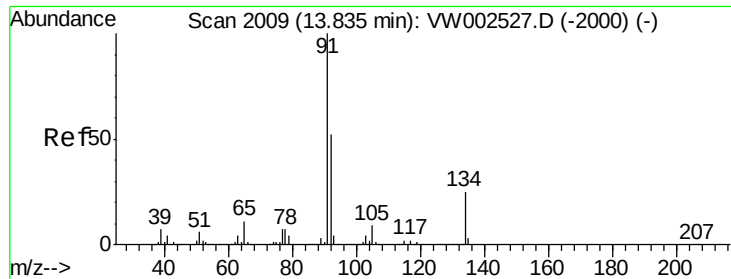
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#88
 1,4-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.4	32.4	97.0





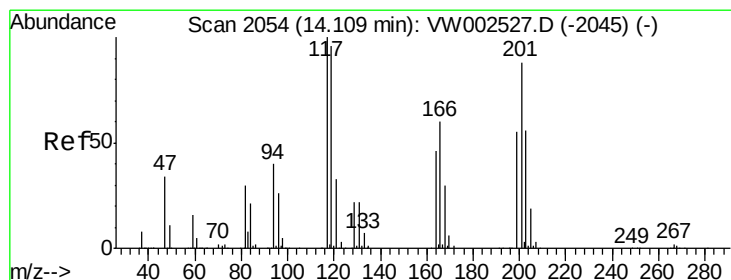
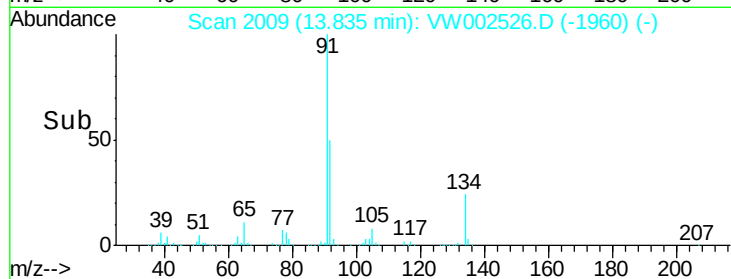
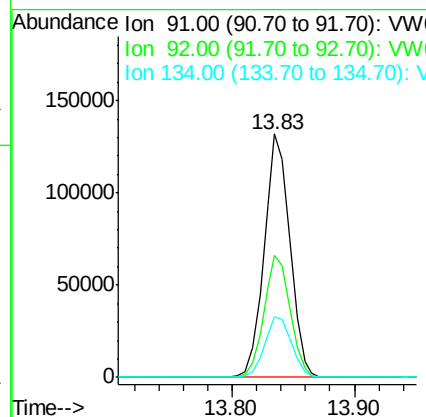
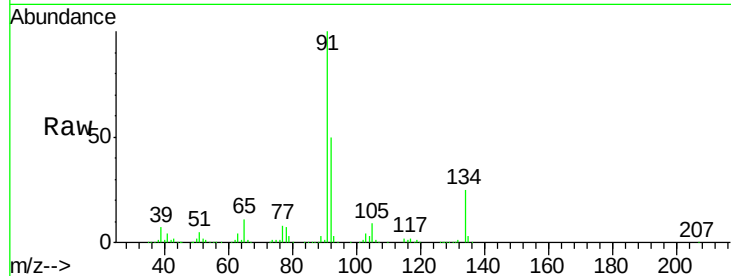
#89
n-Butylbenzene
Concen: 19.06 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.1	78.2
134	26.0	13.1	39.1

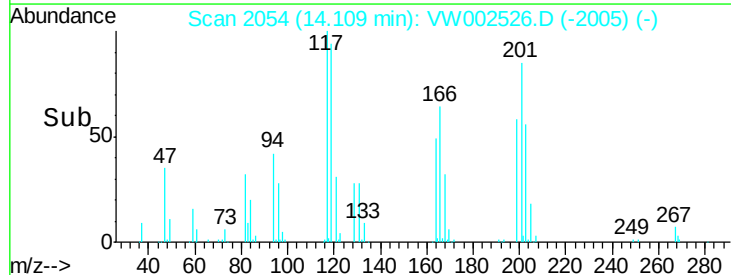
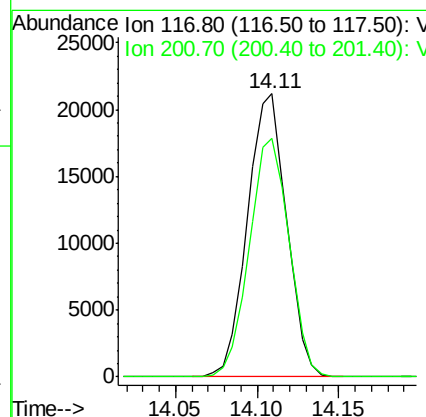
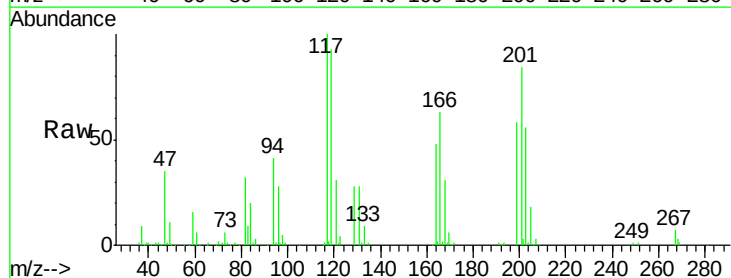
Manual Integrations
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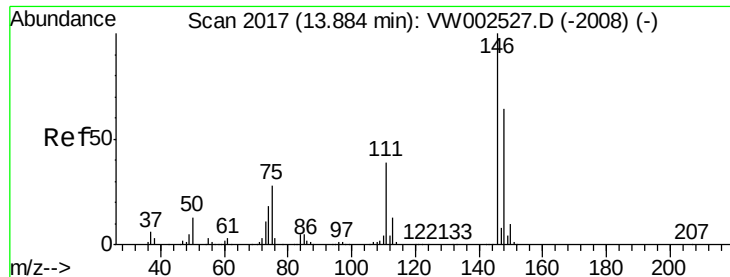
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#90
Hexachloroethane
Concen: 18.30 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	42.0	126.0





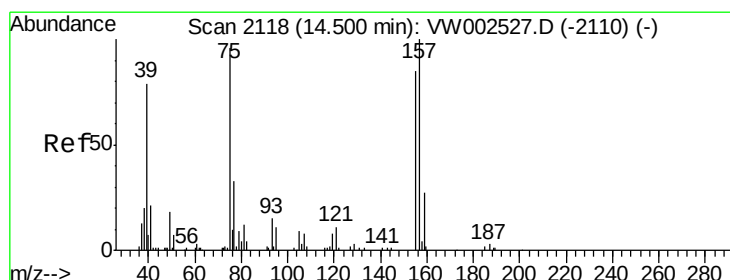
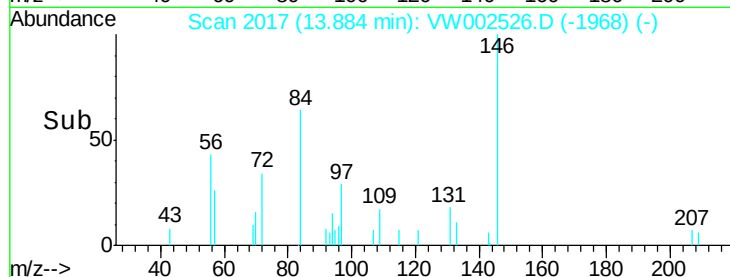
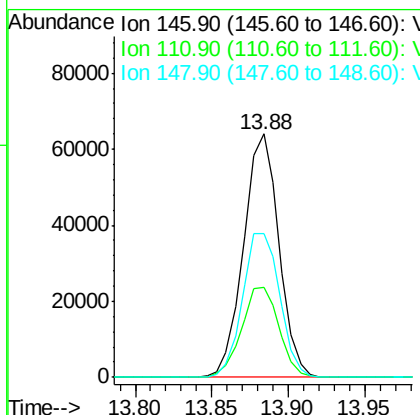
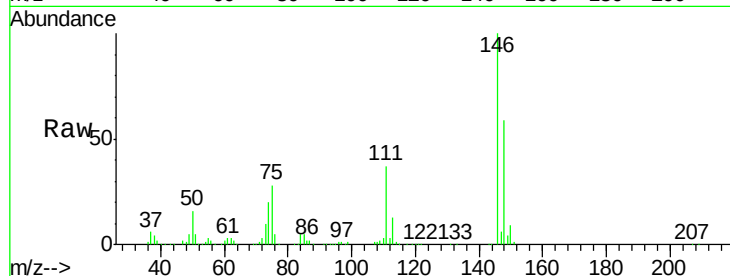
#91
 1,2-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.6
148	62.8	32.1	96.3

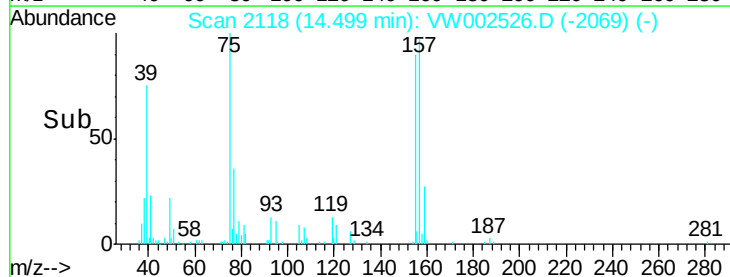
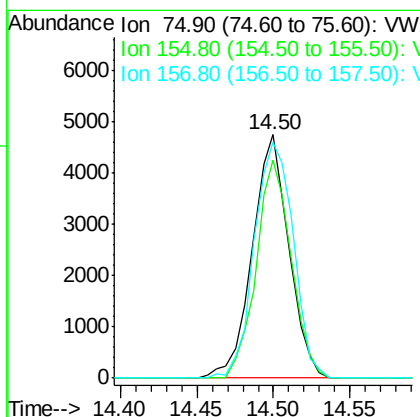
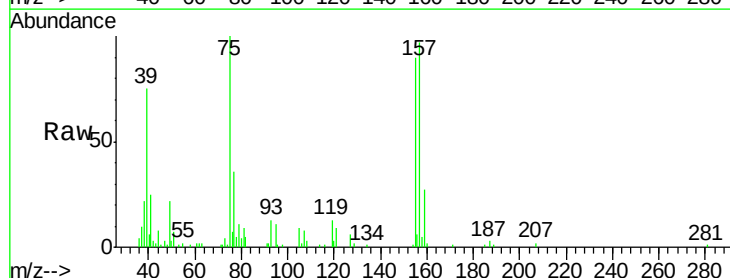
Manual Integrations
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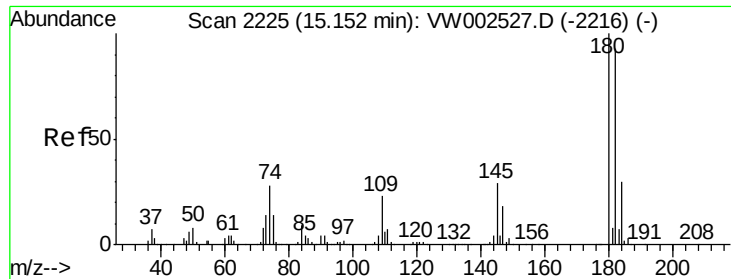
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.00 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	42.8	128.4
157	103.1	57.4	172.0





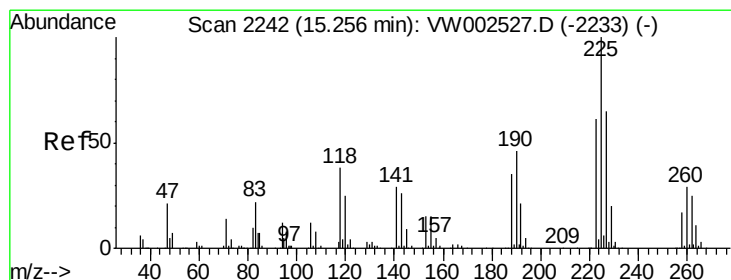
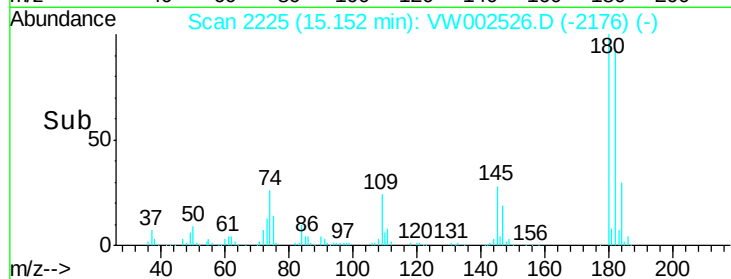
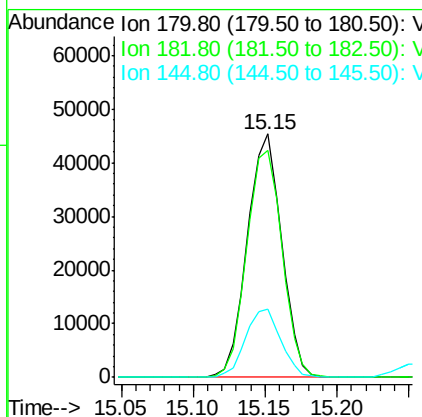
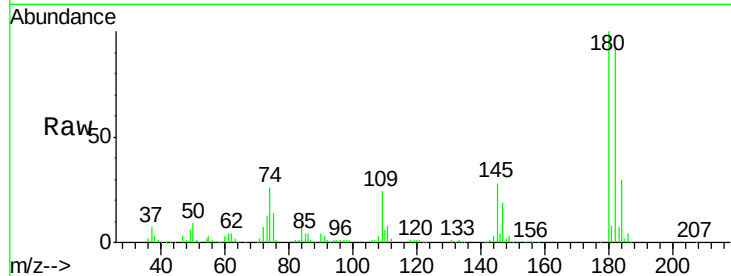
#93
 1,2,4-Trichlorobenzene
 Concen: 19.64 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.2	141.6
145	28.9	14.9	44.9

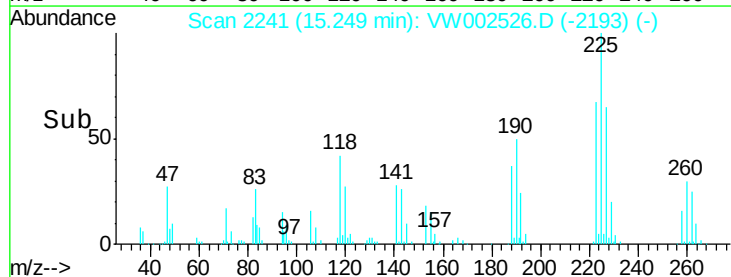
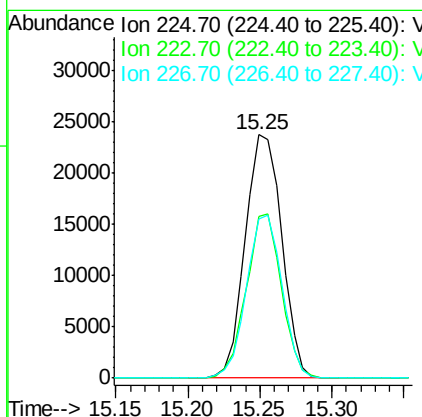
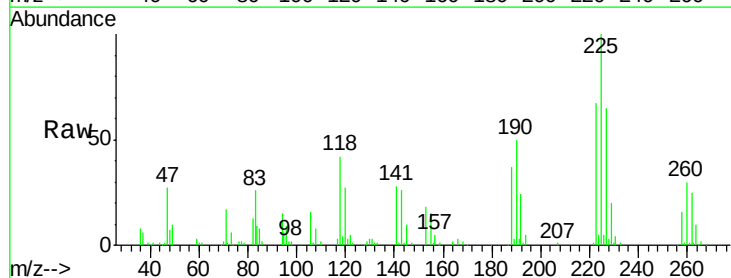
Manual Integrations
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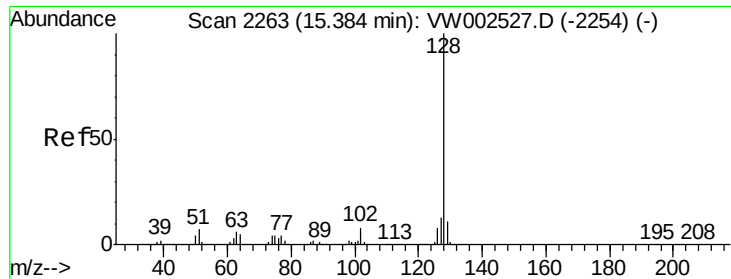
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#94
 Hexachlorobutadiene
 Concen: 19.69 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002526.D
 Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.3	93.9
227	64.8	31.9	95.5





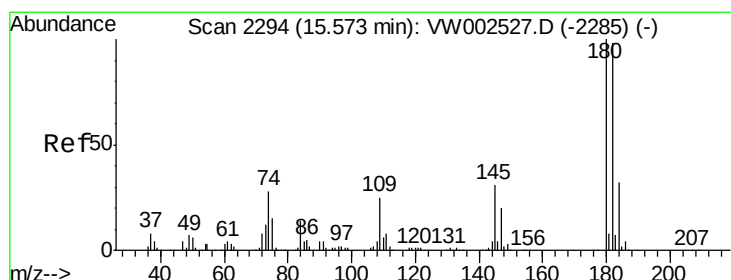
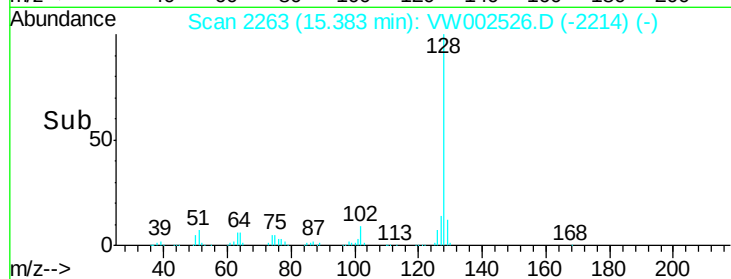
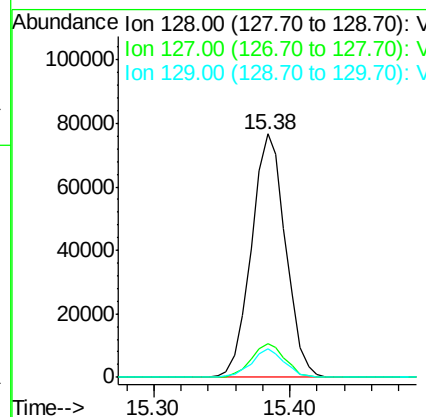
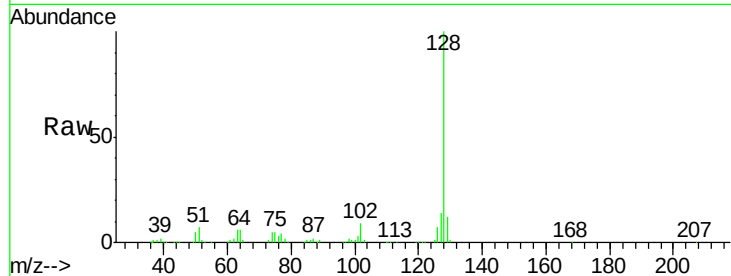
#95
Naphthalene
Concen: 19.19 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	134836		
127	13.8	10.6	15.8	
129	11.2	8.9	13.3	

Manual Integrations
APPROVED

apatel
5/15/2018 5:56:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.08 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002526.D
Acq: 14 May 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68592		
182	96.6	47.3	141.8	
145	30.9	15.5	46.5	

