

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005226.D
 Acq On : 07 Sep 2018 23:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 9/10/2018 10:41:59 AM

Quant Time: Sep 08 03:37:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	466688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	693045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	695540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	19906	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
35) Dibromofluoromethane	7.89	113	17956	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	
50) Toluene-d8	10.33	98	87319	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	12.63	95	33071	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21198	5.65	ug/l	93
3) Chloromethane	2.22	50	31010	5.77	ug/l	99
4) Vinyl Chloride	2.36	62	26342	5.07	ug/l	98
5) Bromomethane	2.76	94	21288	5.95	ug/l	98
6) Chloroethane	2.92	64	14916	4.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	28303	4.85	ug/l	100
8) Diethyl Ether	3.68	74	10260	4.82	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19785	4.91	ug/l	100
10) Methyl Iodide	4.28	142	11835	2.31	ug/l	100
11) Tert butyl alcohol	5.18	59	8840	31.40	ug/l	99
12) 1,1-Dichloroethene	4.04	96	17798	4.80	ug/l	89
13) Acrolein	3.90	56	6280	24.55	ug/l	94
14) Allyl chloride	4.68	41	26306	4.55	ug/l	99
15) Acrylonitrile	5.38	53	23307	25.53	ug/l	97
16) Acetone	4.13	43	18430	24.36	ug/l	94
17) Carbon Disulfide	4.38	76	61848	4.77	ug/l	99
18) Methyl Acetate	4.68	43	11618	5.15	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	42618	4.70	ug/l	98
20) Methylene Chloride	4.93	84	50474	7.98	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	22002	4.88	ug/l	97
22) Diisopropyl ether	6.32	45	54290	4.45	ug/l	95
23) Vinyl Acetate	6.27	43	146165	22.68	ug/l	100
24) 1,1-Dichloroethane	6.22	63	36197	4.76	ug/l	97
25) 2-Butanone	7.18	43	28441	21.88	ug/l	94
26) 2,2-Dichloropropane	7.18	77	30037	4.84	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	23448	4.76	ug/l	96
28) Bromochloromethane	7.52	49	14393	4.72	ug/l	99
29) Tetrahydrofuran	7.54	42	17055	24.76	ug/l	98
30) Chloroform	7.68	83	37108	4.79	ug/l	100
31) Cyclohexane	7.96	56	38289	5.10	ug/l	# 71
32) 1,1,1-Trichloroethane	7.88	97	31293	4.63	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29444	4.55	ug/l	99
37) Ethyl Acetate	7.26	43	11362	4.62	ug/l	97
38) Carbon Tetrachloride	8.08	117	28666	4.67	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35543	4.52	ug/l	97
40) Benzene	8.33	78	94029	4.74	ug/l	98
41) Methacrylonitrile	7.51	41	7786m	5.52	ug/l	
42) 1,2-Dichloroethane	8.41	62	23961	4.94	ug/l	97
43) Isopropyl Acetate	8.43	43	21711	4.83	ug/l	97
44) Trichloroethene	9.10	130	24403	4.57	ug/l	97
45) 1,2-Dichloropropane	9.38	63	22599	4.68	ug/l	98
46) Dibromomethane	9.46	93	11455	4.95	ug/l	99
47) Bromodichloromethane	9.65	83	26285	4.52	ug/l	98
48) Methyl methacrylate	9.44	41	10198	4.64	ug/l #	86
49) 1,4-Dioxane	9.45	88	4113	108.27	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	58800	20.22	ug/l	98
52) Toluene	10.40	92	61851	4.60	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	25487	4.43	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	30677	4.41	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	18440	5.12	ug/l	95
56) Ethyl methacrylate	10.65	69	18823	4.50	ug/l	95
57) 1,3-Dichloropropane	10.94	76	29071	4.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	41963	21.54	ug/l	98
59) 2-Hexanone	10.98	43	39354	19.92	ug/l	98
60) Dibromochloromethane	11.13	129	18670	4.59	ug/l	96
61) 1,2-Dibromoethane	11.24	107	15587	4.77	ug/l	100
64) Tetrachloroethene	10.87	164	26310	4.84	ug/l	96
65) Chlorobenzene	11.66	112	76464	4.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21913	4.65	ug/l	97
67) Ethyl Benzene	11.74	91	118567	4.55	ug/l	97
68) m/p-Xylenes	11.85	106	94190	9.04	ug/l	98
69) o-Xylene	12.17	106	43399	4.49	ug/l	99
70) Styrene	12.19	104	69416	4.36	ug/l	98
71) Bromoform	12.35	173	11609	4.60	ug/l #	99
73) Isopropylbenzene	12.47	105	114050	4.29	ug/l	98
74) N-amyl acetate	12.28	43	22357	4.74	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	20752	5.03	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17476m	6.03	ug/l	
77) Bromobenzene	12.76	156	31022	4.72	ug/l	99
78) n-propylbenzene	12.81	91	138909	4.34	ug/l	99
79) 2-Chlorotoluene	12.90	91	84624	4.52	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	95928	4.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5408	4.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	89301	4.52	ug/l	99
83) tert-Butylbenzene	13.21	119	82780	4.29	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	98932	4.25	ug/l	99
85) sec-Butylbenzene	13.39	105	122670	4.35	ug/l	100
86) p-Isopropyltoluene	13.51	119	107215	4.30	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	64581	4.80	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65325	4.88	ug/l	94
89) n-Butylbenzene	13.83	91	98102	4.26	ug/l	98
90) Hexachloroethane	14.10	117	18986	4.56	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	58155	4.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3615	5.53	ug/l	96

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MSVOA_W
ClientSampleId :
VSTDICC005

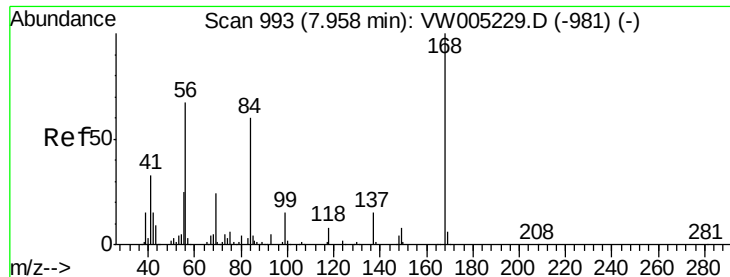
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 08 02:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	35478	4.51	ug/l	99
94) Hexachlorobutadiene	15.25	225	24498	4.98	ug/l	98
95) Naphthalene	15.38	128	53357	4.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	31707	4.69	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 466688

Ion Ratio Lower Upper

168 100

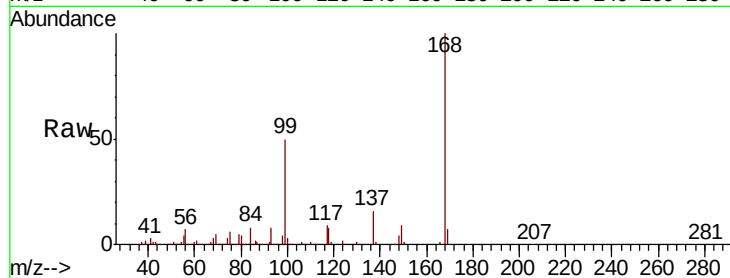
99 49.5 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

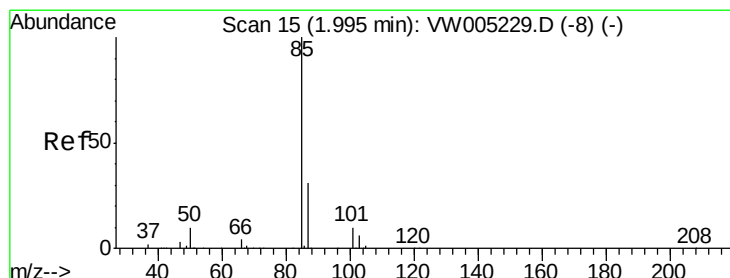
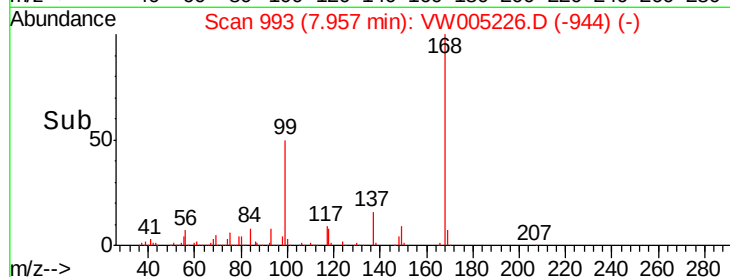
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.65 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005226.D

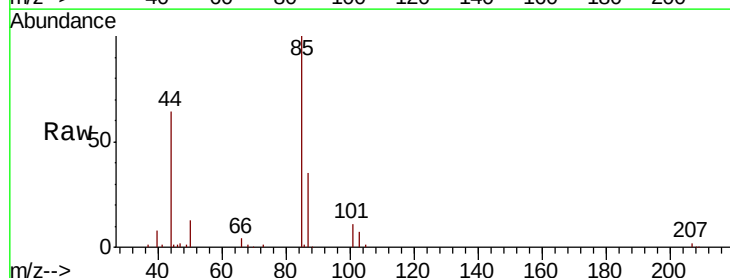
Acq: 07 Sep 2018 23:46

Tgt Ion: 85 Resp: 21198

Ion Ratio Lower Upper

85 100

87 35.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

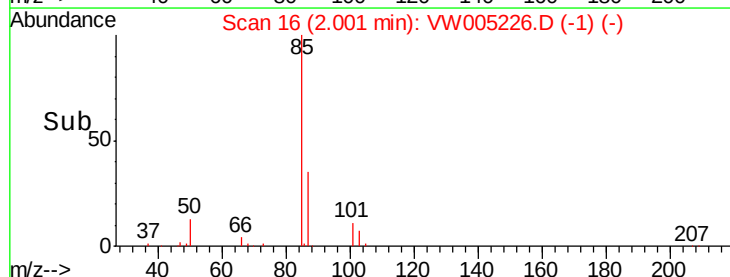
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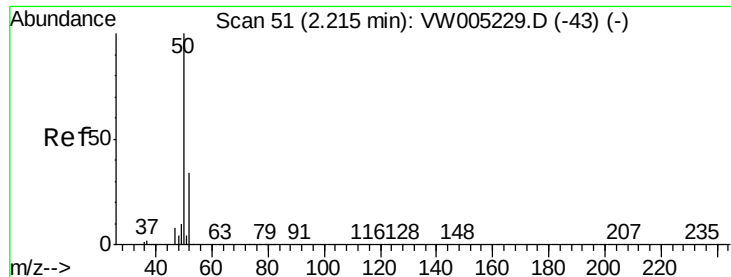
10000

5000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 5.77 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 31010

Ion Ratio Lower Upper

50 100

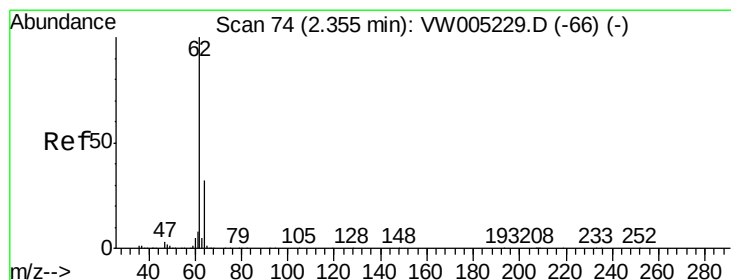
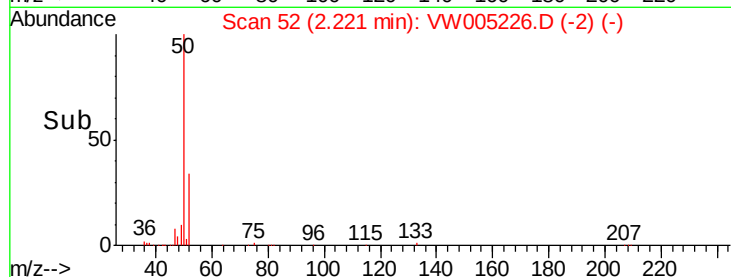
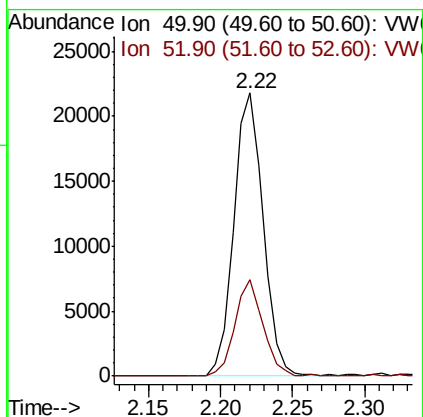
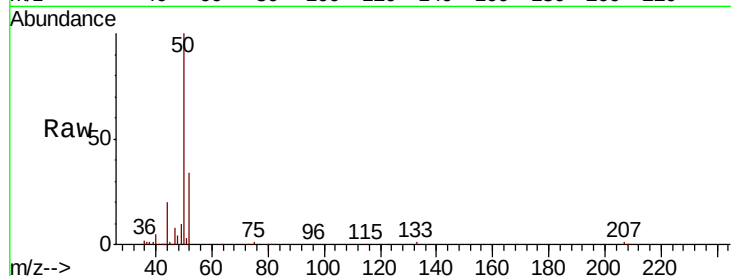
52 33.9 26.9 40.3

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#4

Vinyl Chloride

Concen: 5.07 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005226.D

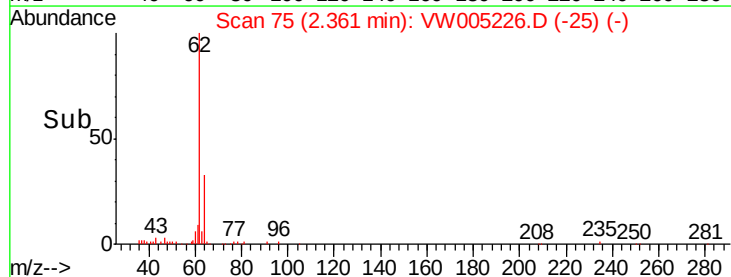
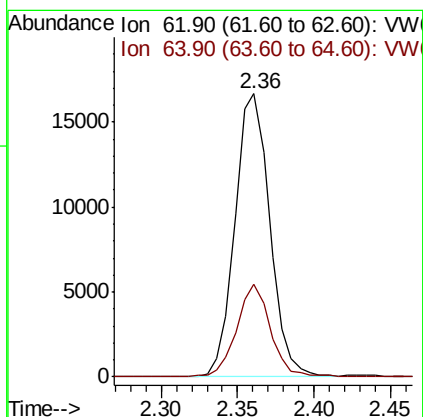
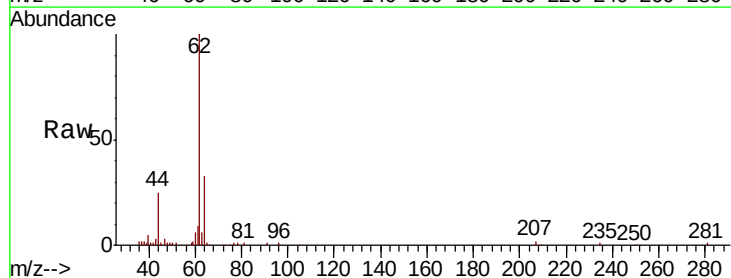
Acq: 07 Sep 2018 23:46

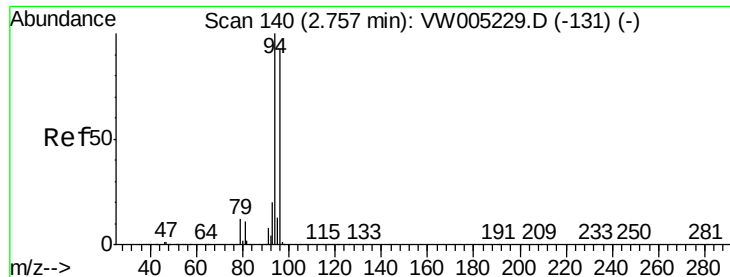
Tgt Ion: 62 Resp: 26342

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 5.95 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 21288

Ion Ratio Lower Upper

94 100

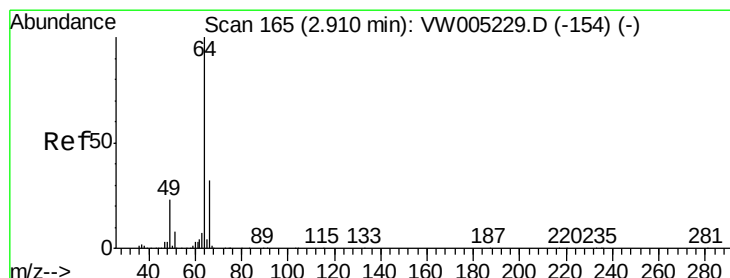
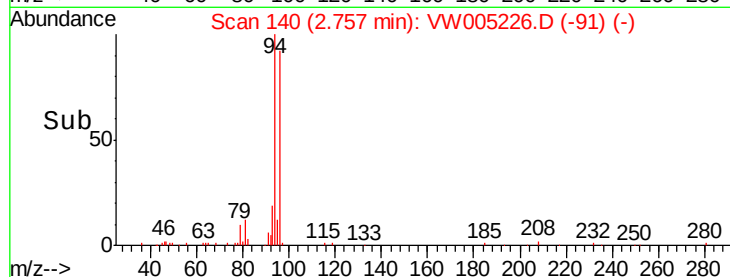
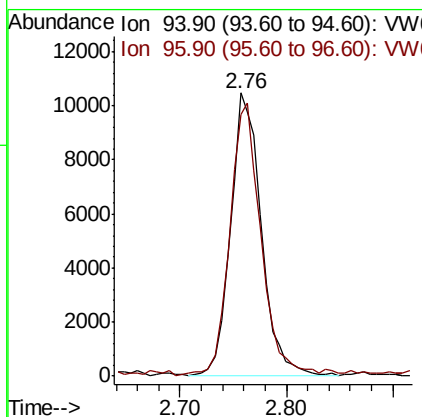
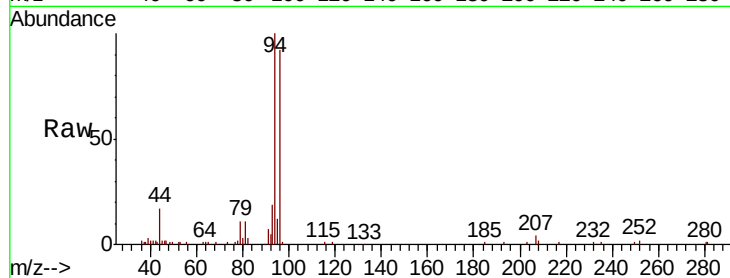
96 91.3 74.6 112.0

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#6

Chloroethane

Concen: 4.67 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW005226.D

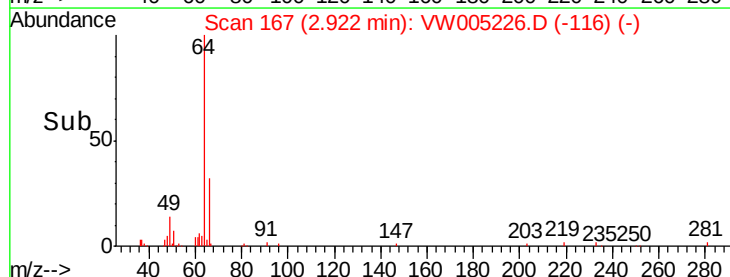
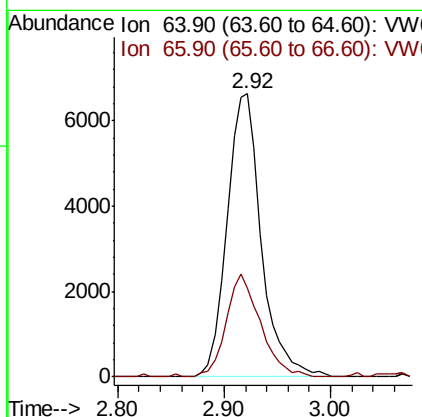
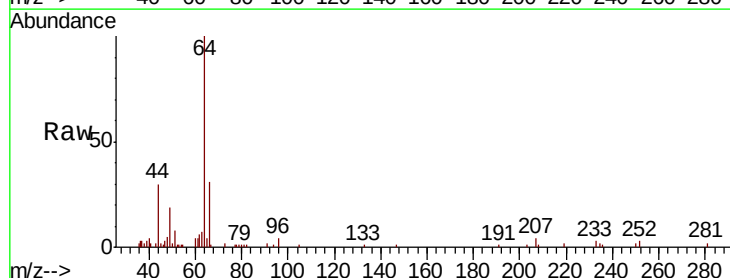
Acq: 07 Sep 2018 23:46

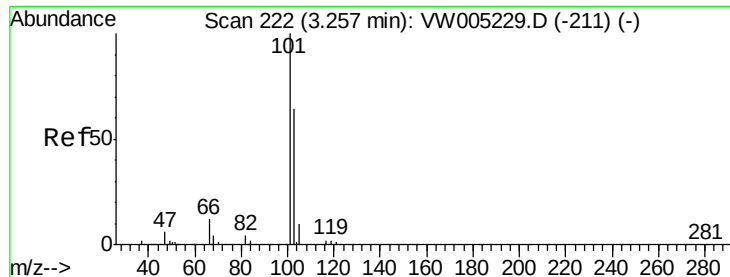
Tgt Ion: 64 Resp: 14916

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

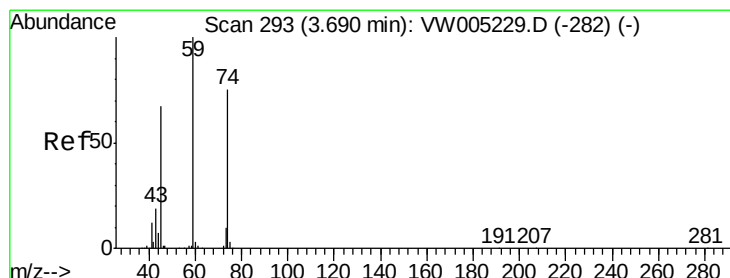
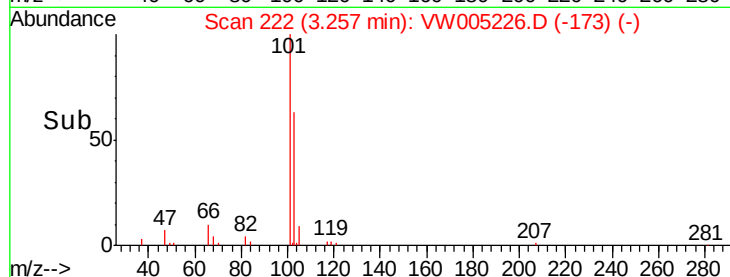
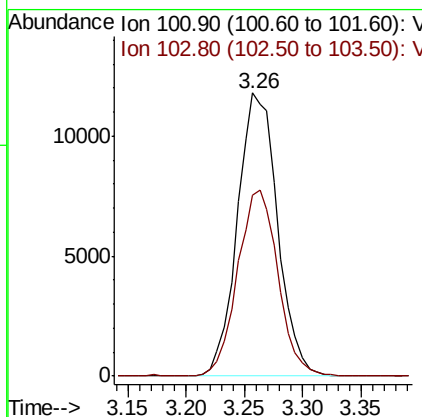
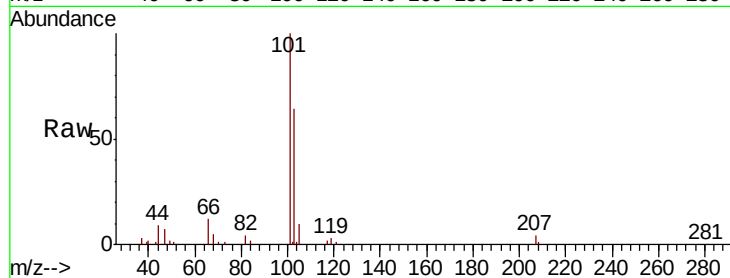
Trichlorofluoromethane
 Concen: 4.85 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

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 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.0	76.6

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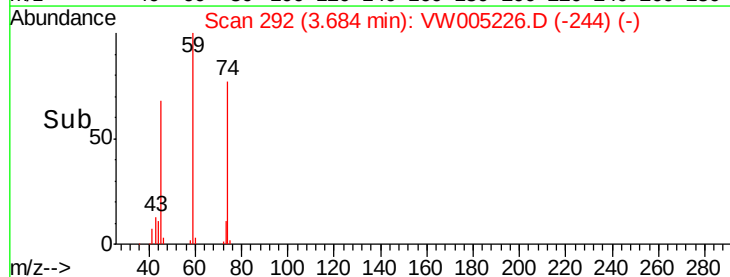
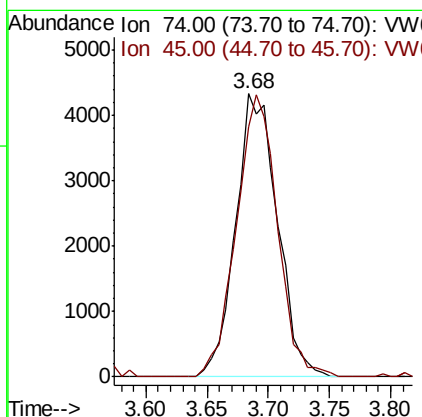
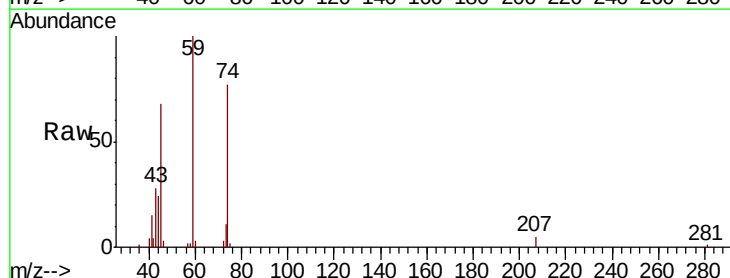
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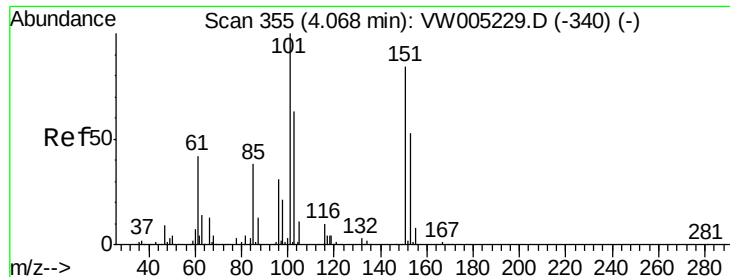


#8

Diethyl Ether
 Concen: 4.82 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.91 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

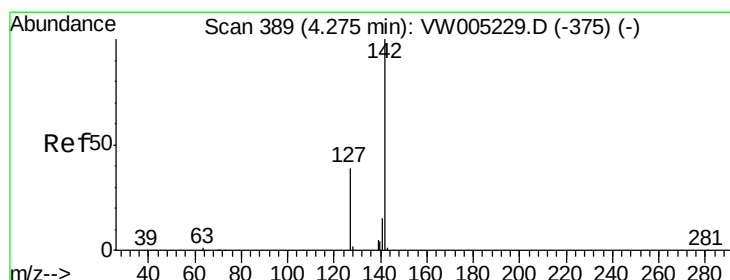
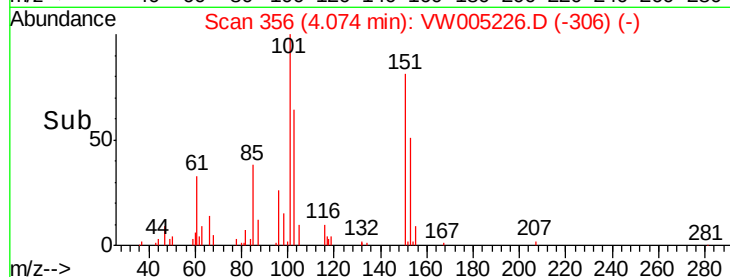
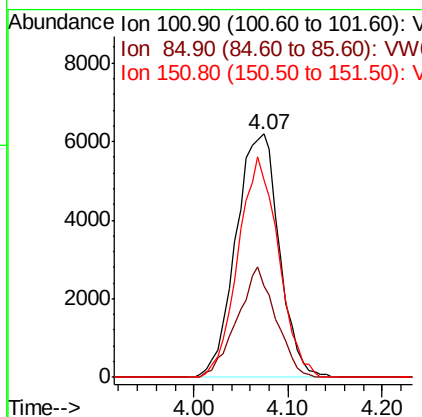
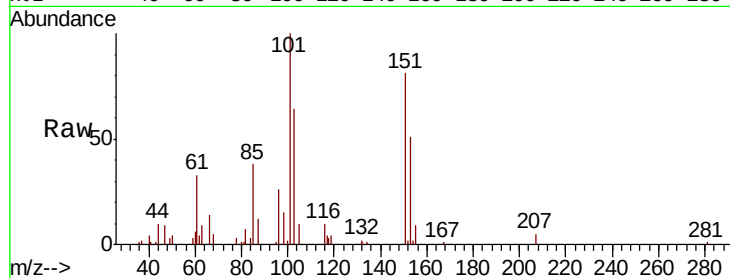
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	19785
Ion Ratio	Lower	Upper	
101	100		
85	40.4	32.5	48.7
151	84.8	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 2.31 ug/l

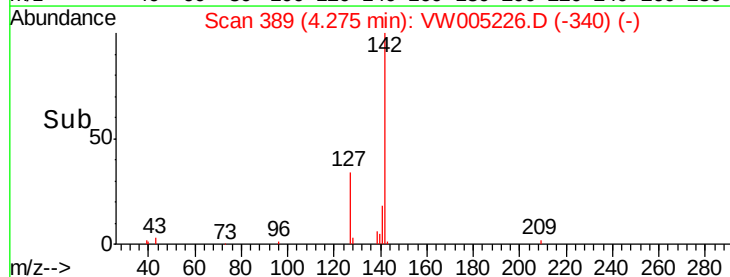
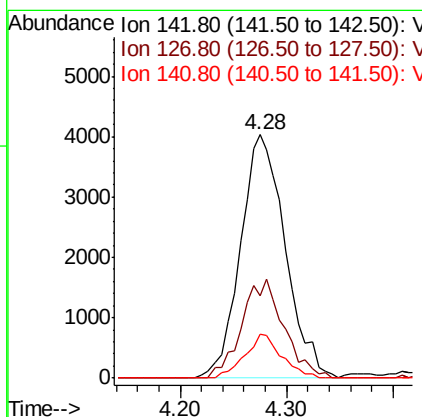
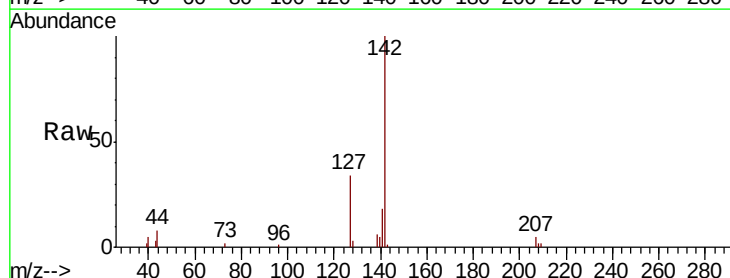
RT: 4.28 min Scan# 389

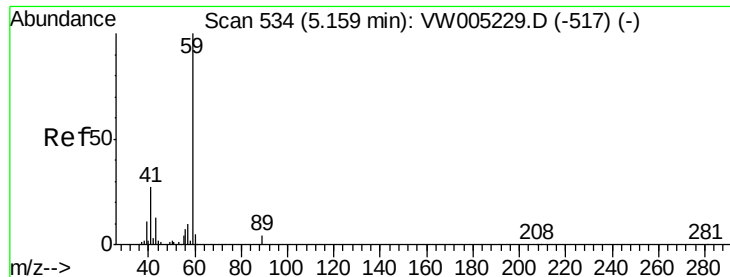
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	142	Resp:	11835
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.6	45.8
141	14.8	11.6	17.4





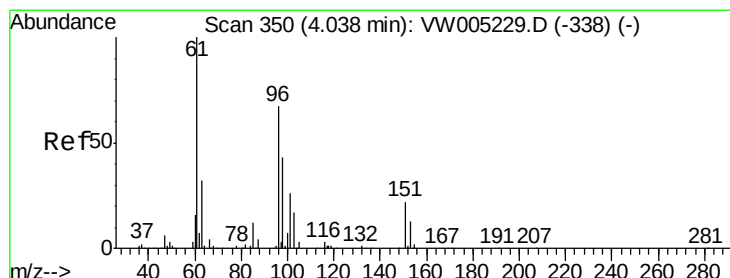
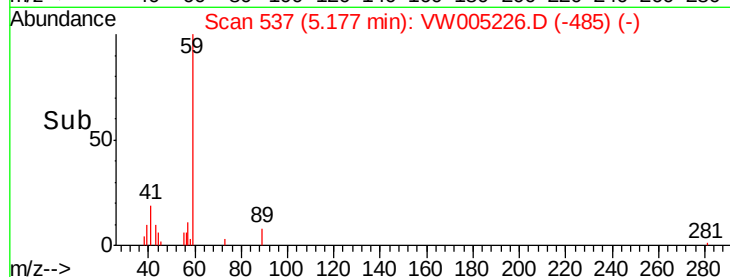
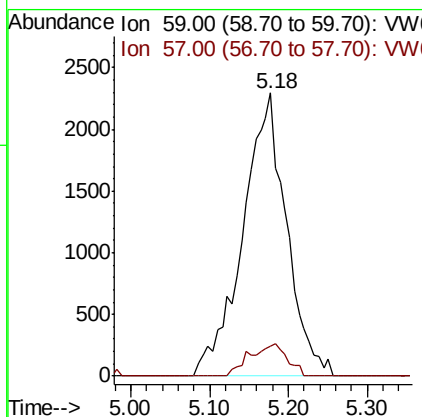
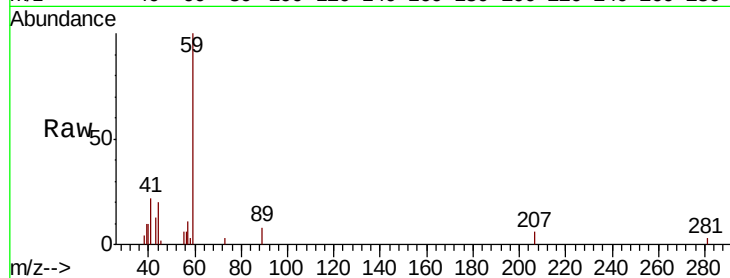
#11
Tert butyl alcohol
Concen: 31.40 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	59	57	Ratio	100	9.8	Resp:	8840	Lower	8.2	Upper	12.4
Manual Integrations APPROVED											

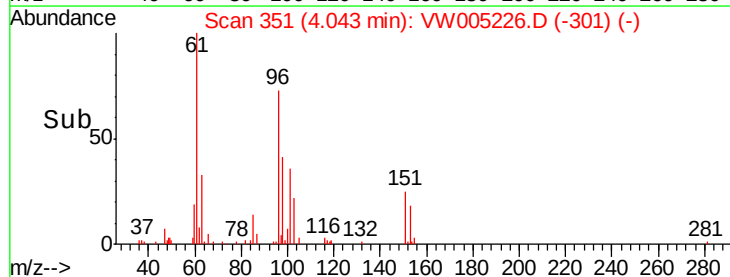
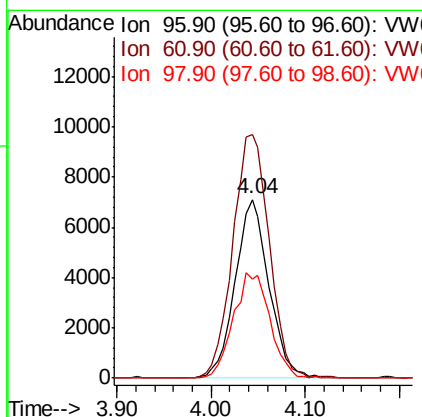
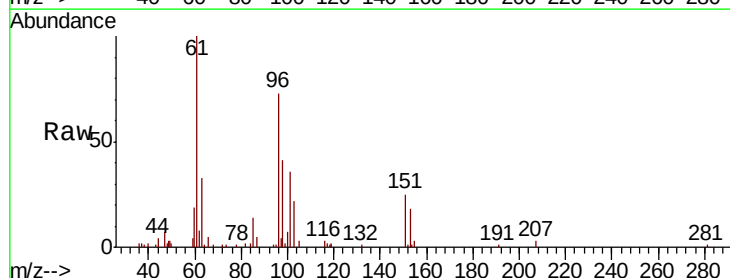
Manual Integrations
APPROVED

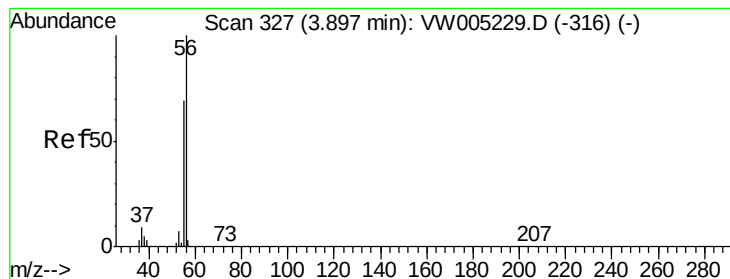
apatel
9/10/2018 10:41:59 AM



#12
1,1-Dichloroethene
Concen: 4.80 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	96	61	98	Ratio	100	136.2	55.5	Resp:	17798	Lower	120.3	Upper	180.5	77.9
Manual Integrations APPROVED														





#13

Acrolein

Concen: 24.55 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6280

Ion Ratio Lower Upper

56 100

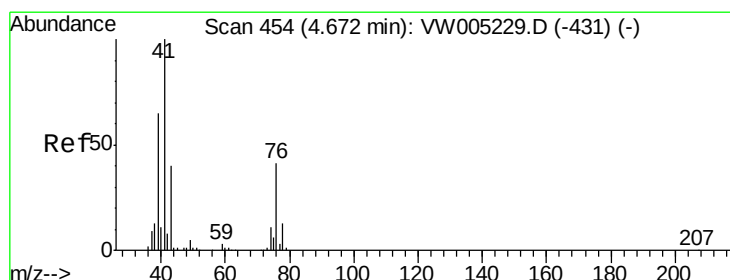
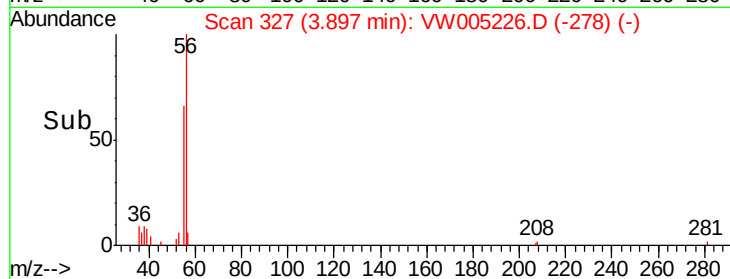
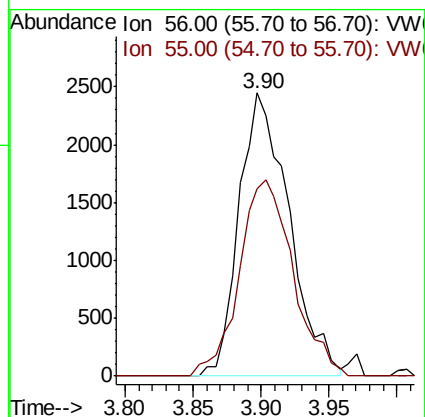
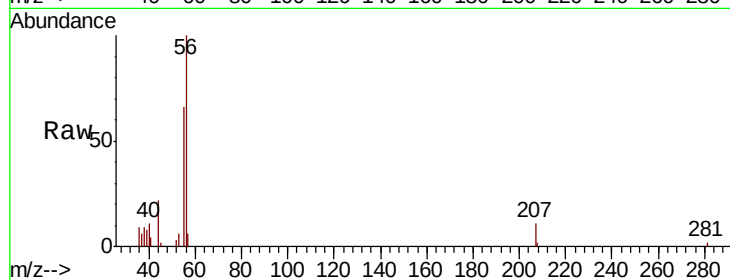
55 74.6 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 4.55 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

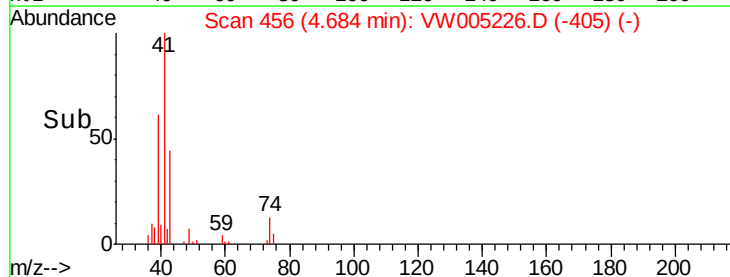
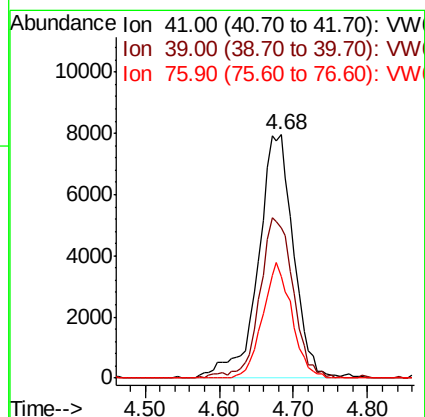
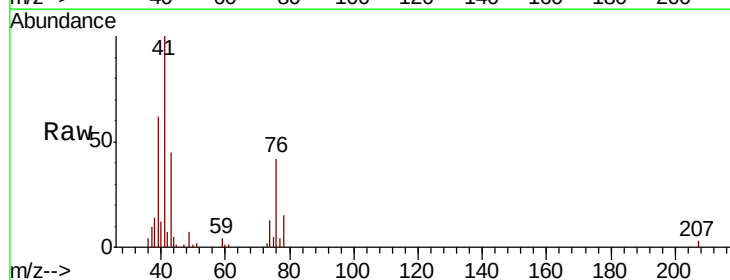
Tgt Ion: 41 Resp: 26306

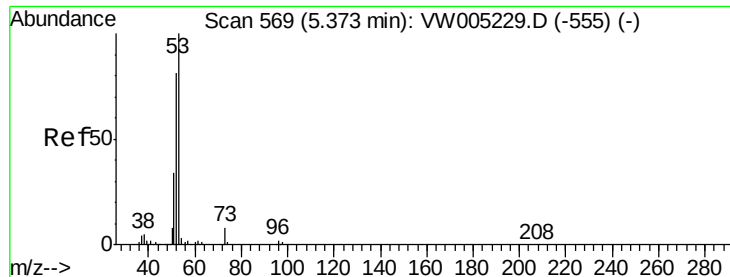
Ion Ratio Lower Upper

41 100

39 62.8 49.1 73.7

76 39.1 31.0 46.6





#15

Acrylonitrile

Concen: 25.53 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

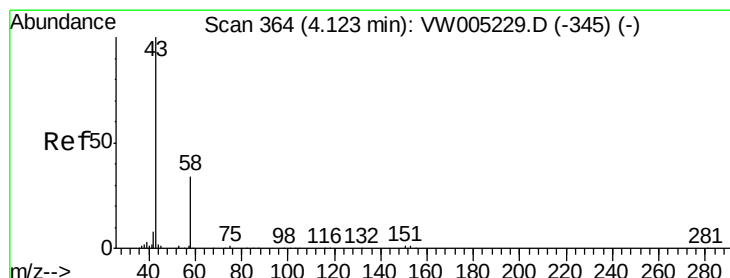
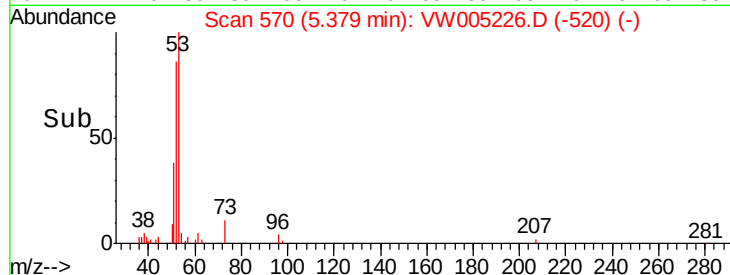
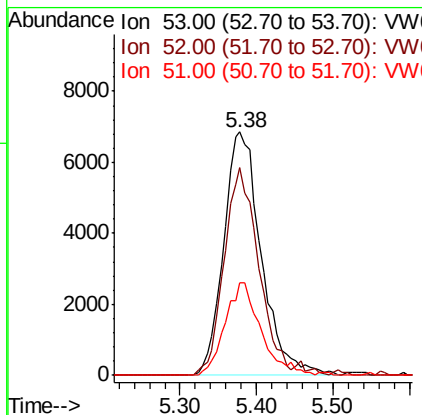
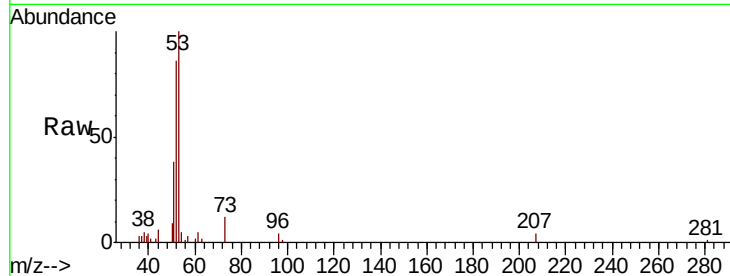
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	23307
Ion	Ratio	Lower	Upper
53	100		
52	77.7	64.9	97.3
51	36.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 24.36 ug/l

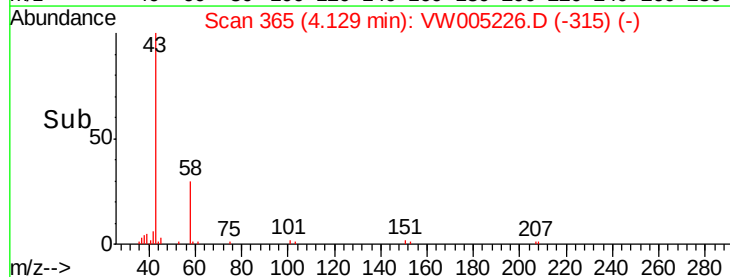
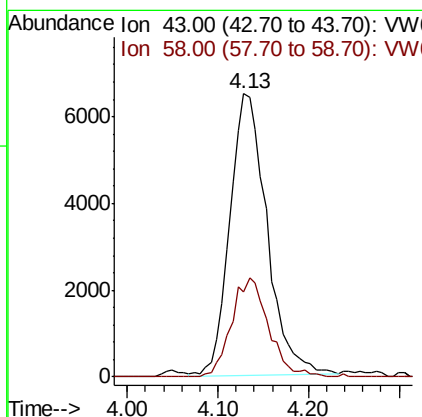
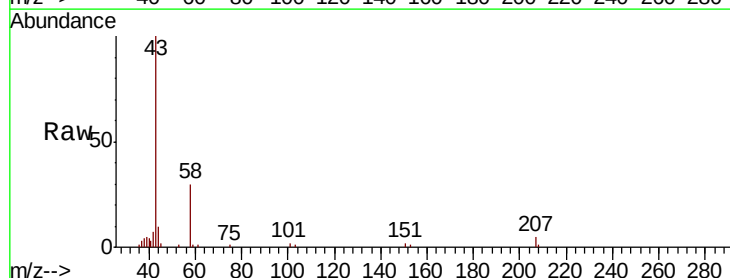
RT: 4.13 min Scan# 365

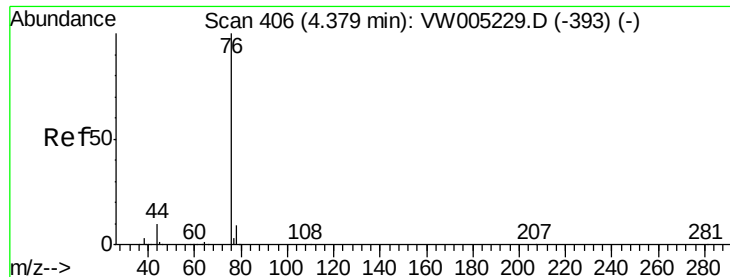
Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	43	Resp:	18430
Ion	Ratio	Lower	Upper
43	100		
58	30.4	27.0	40.4





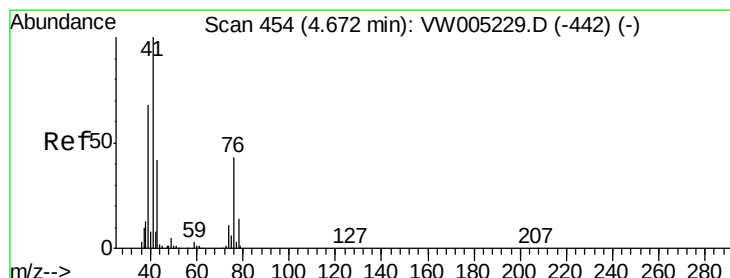
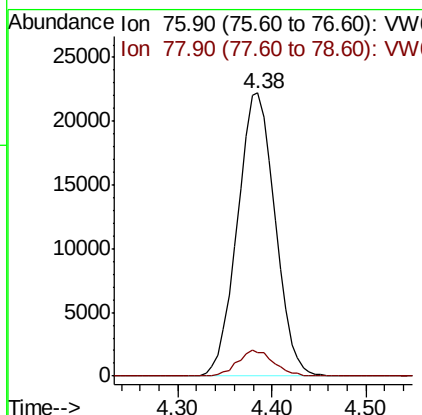
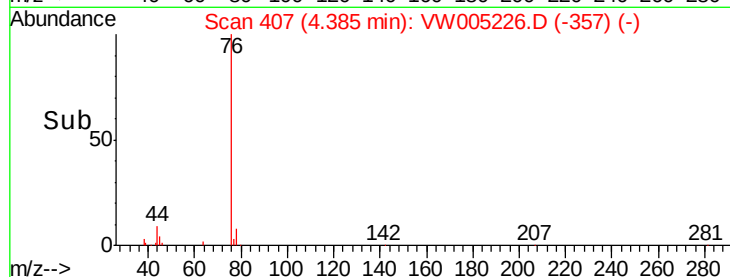
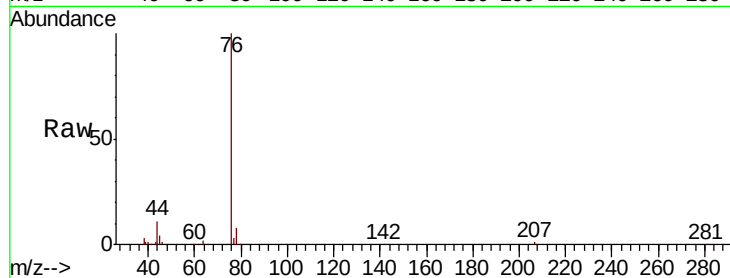
#17
Carbon Disulfide
Concen: 4.77 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

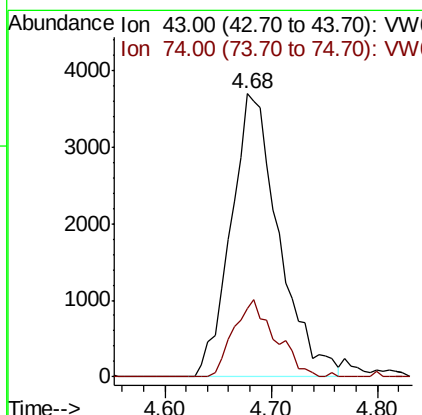
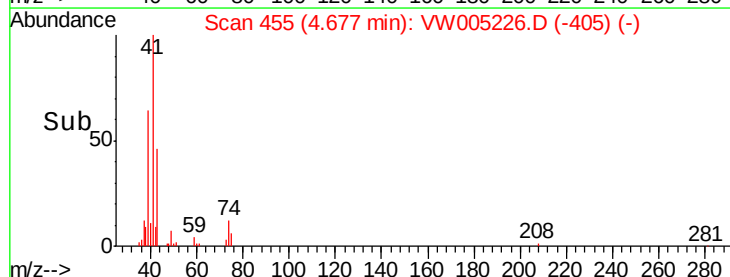
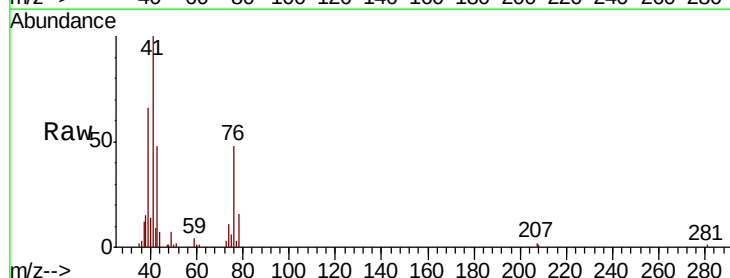
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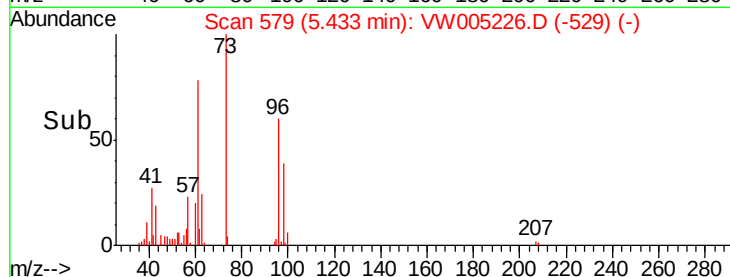
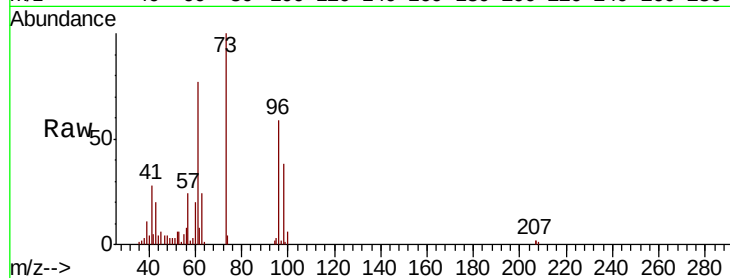
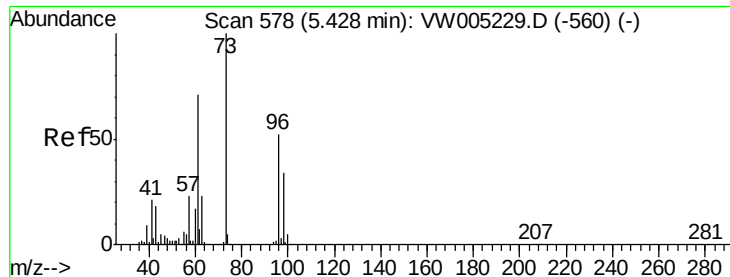
apatel
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#18
Methyl Acetate
Concen: 5.15 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	20.8	31.2





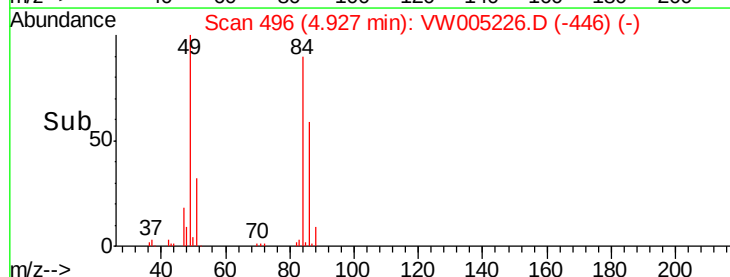
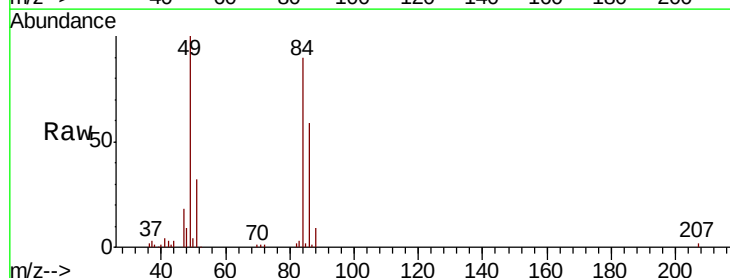
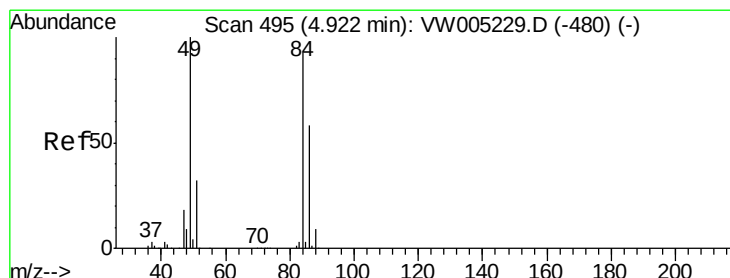
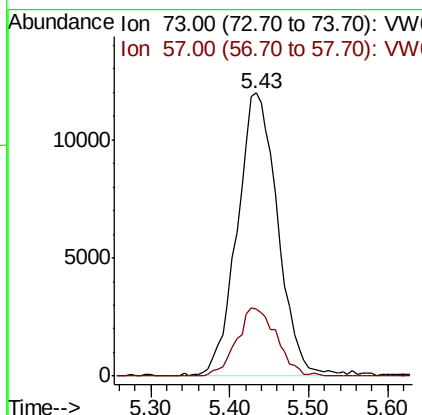
#19
Methyl tert-butyl Ether
Concen: 4.70 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tot Ion: 73 Resp: 42618
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.2

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

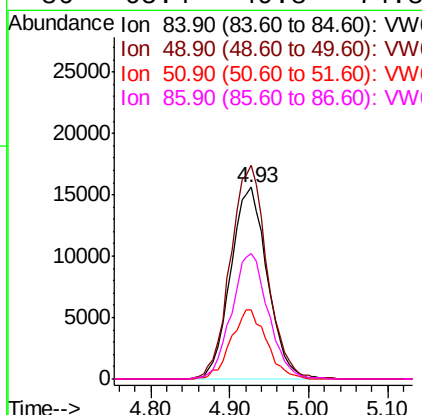
Manual Integrations
APPROVED

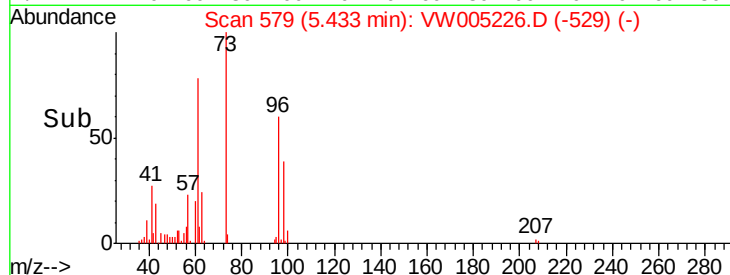
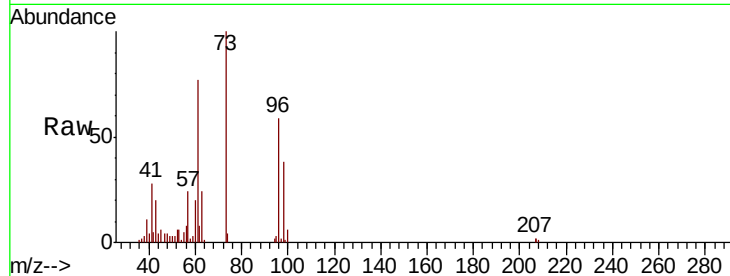
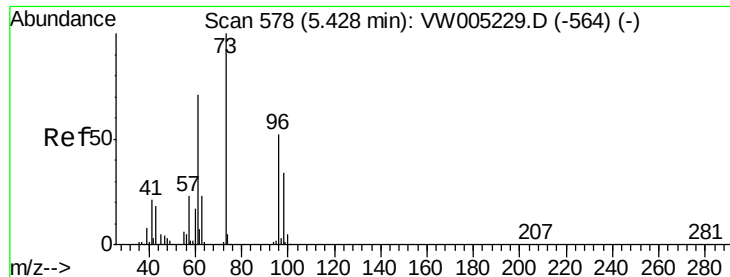
apatel
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#20
Methylene Chloride
Concen: 7.98 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 84 Resp: 50474
Ion Ratio Lower Upper
84 100
49 111.3 85.8 128.6
51 36.1 27.7 41.5
86 65.4 49.8 74.8





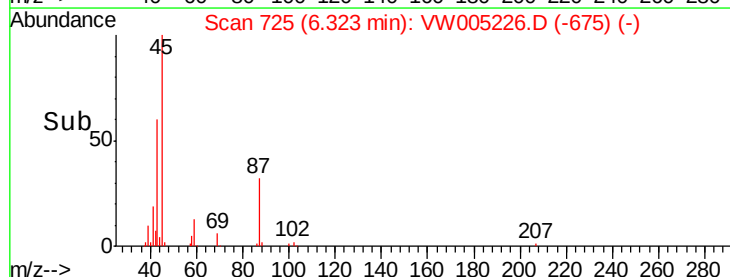
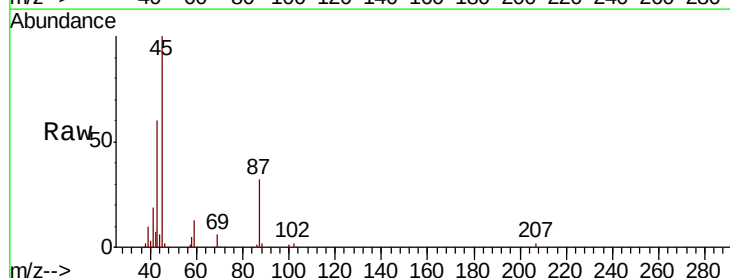
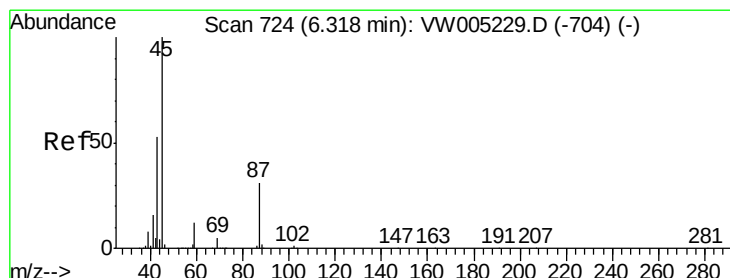
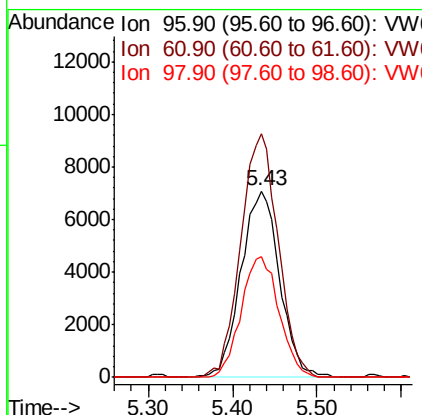
#21
trans-1,2-Dichloroethene
Concen: 4.88 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	108.2	162.4
98	64.9	51.9	77.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

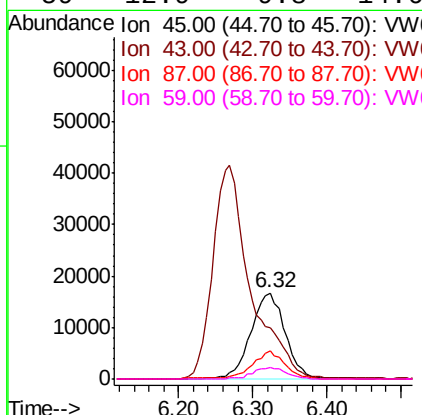
Manual Integrations
APPROVED

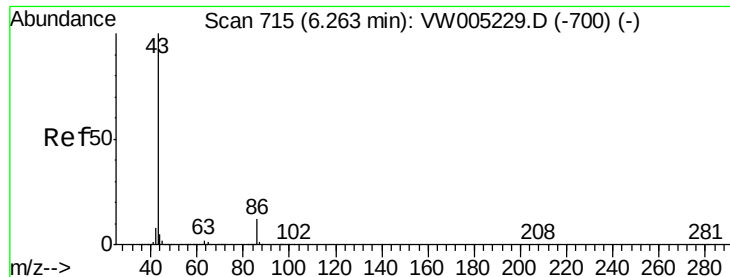
apatel
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#22
Diisopropyl ether
Concen: 4.45 ug/l
RT: 6.32 min Scan# 725
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.5	42.5	63.7
87	32.3	24.7	37.1
59	12.9	9.8	14.6





#23

Vinyl Acetate

Concen: 22.68 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 146165

Ion Ratio Lower Upper

43 100

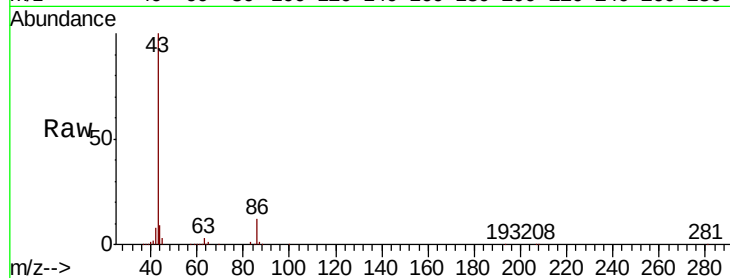
86 11.6 9.3 13.9

Manual Integrations

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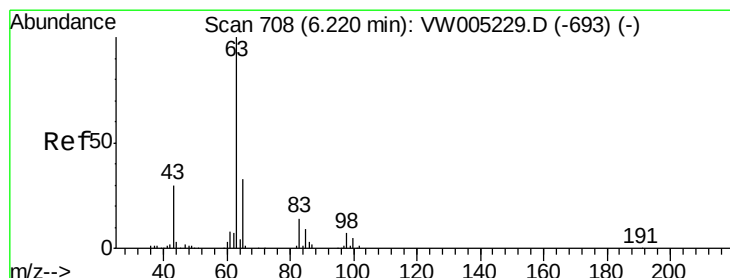
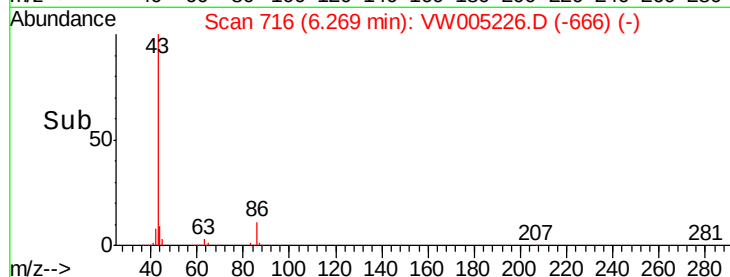
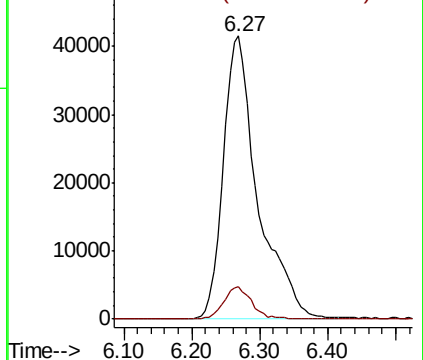
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 4.76 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

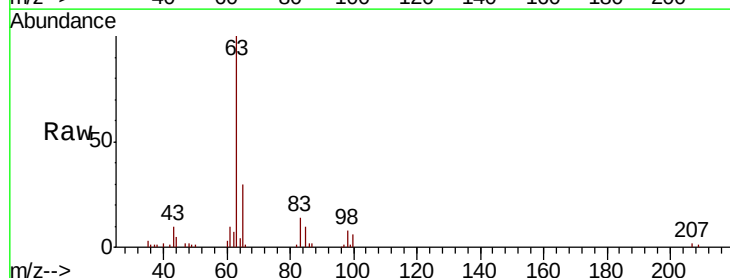
Tgt Ion: 63 Resp: 36197

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

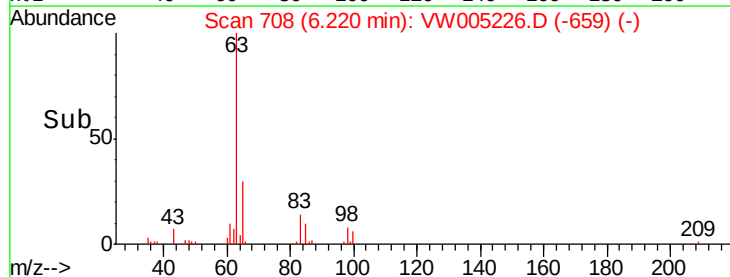
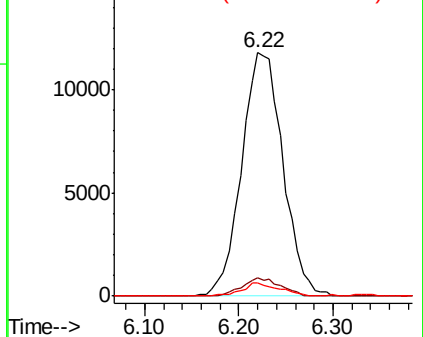
100 5.6 2.3 6.8

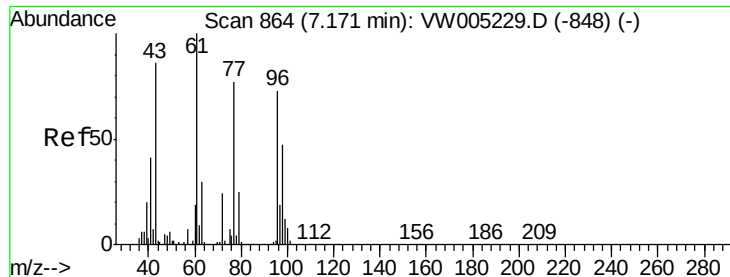


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 21.88 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 28441

Ion Ratio Lower Upper

43 100

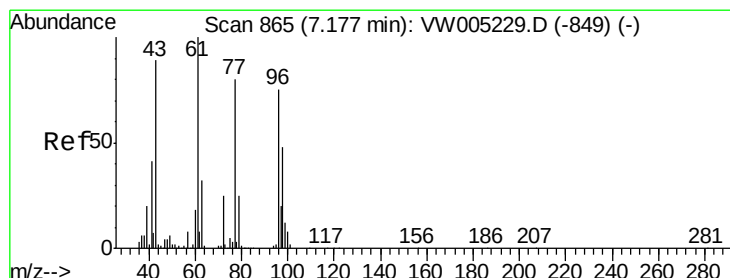
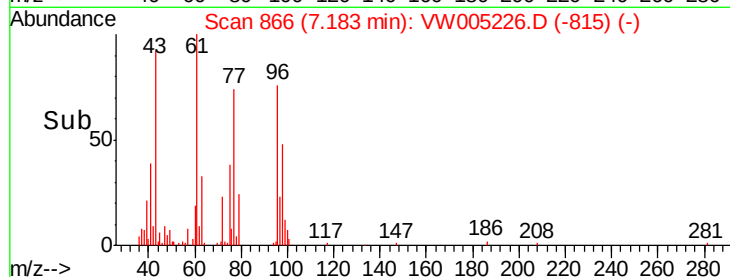
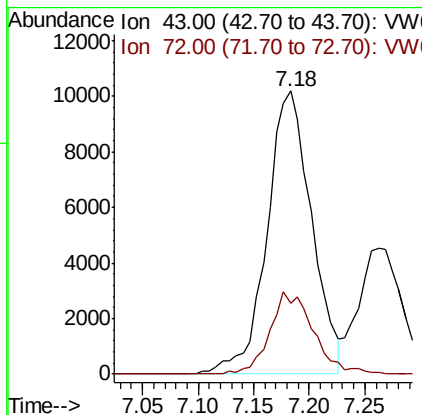
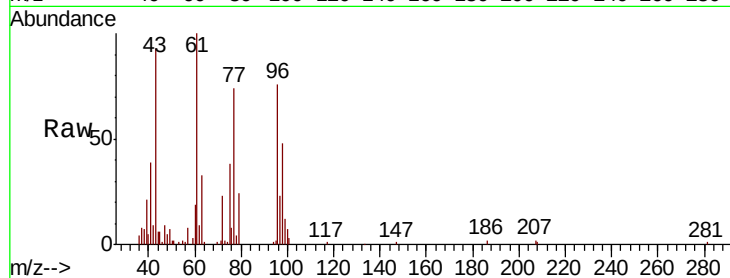
72 25.1 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.84 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005226.D

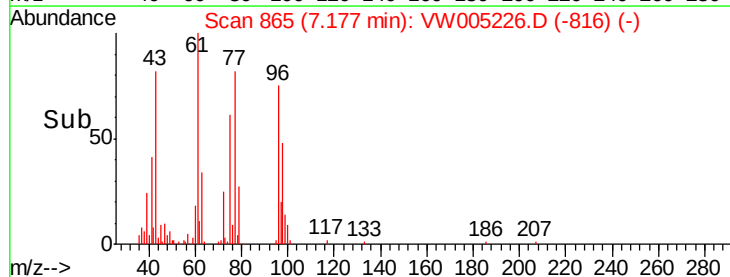
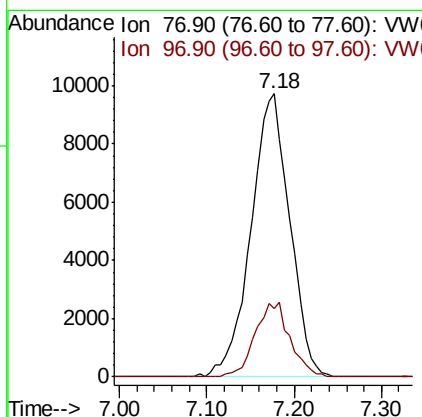
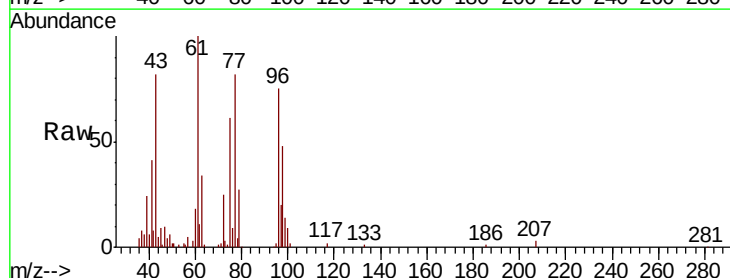
Acq: 07 Sep 2018 23:46

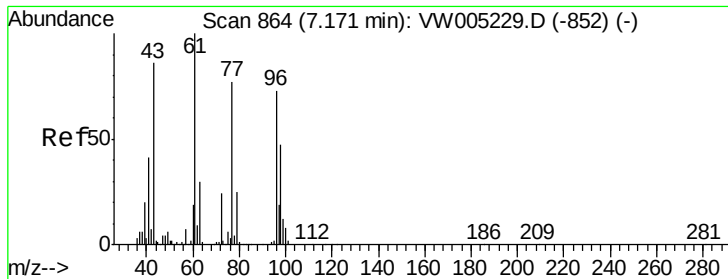
Tgt Ion: 77 Resp: 30037

Ion Ratio Lower Upper

77 100

97 23.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 4.76 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

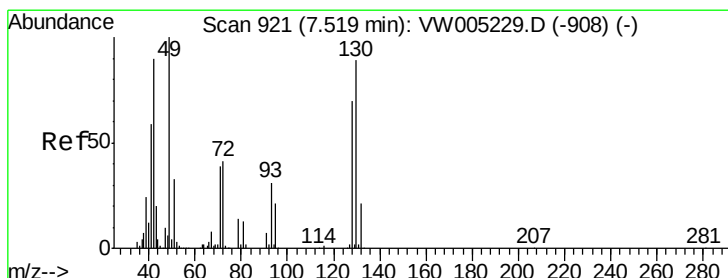
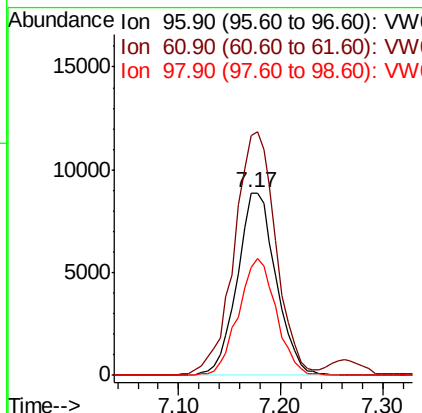
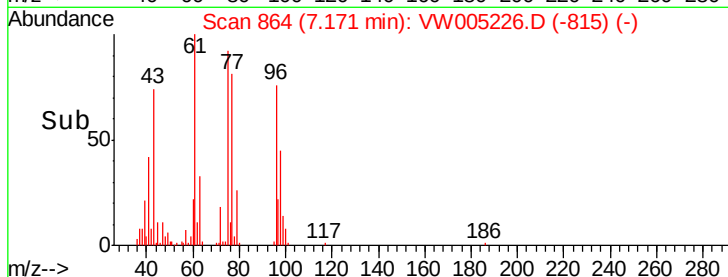
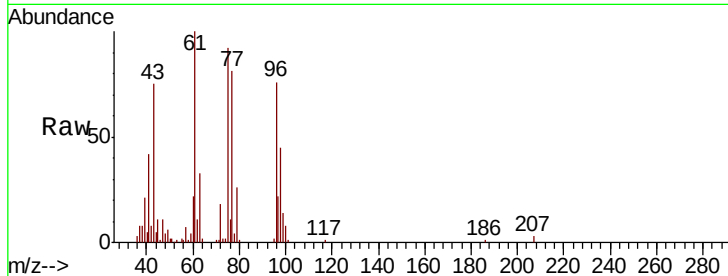
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	23448
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	274.6
98	62.2	0.0	129.6

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#28

Bromochloromethane

Concen: 4.72 ug/l

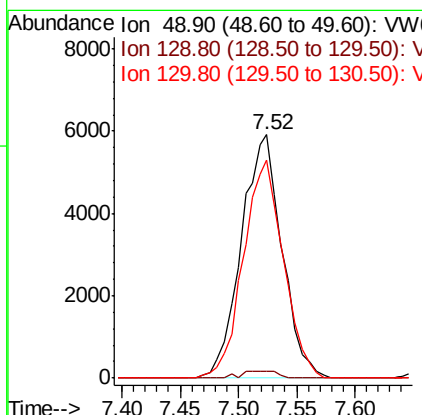
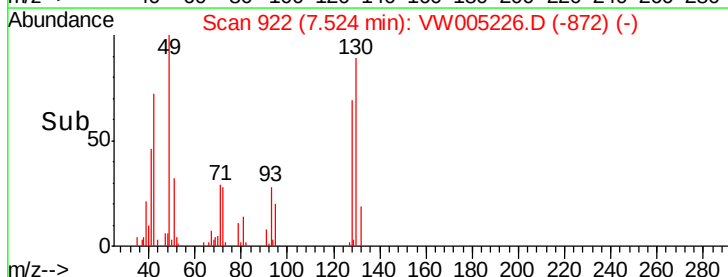
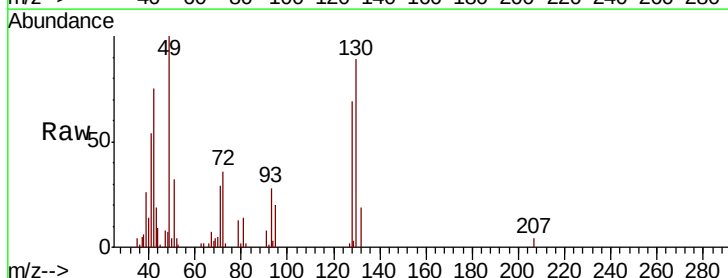
RT: 7.52 min Scan# 922

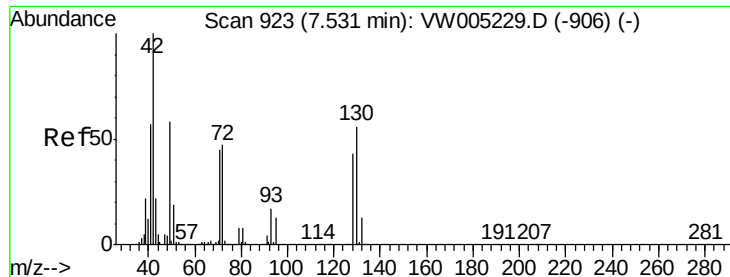
Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	49	Resp:	14393
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	88.2	70.0	105.0





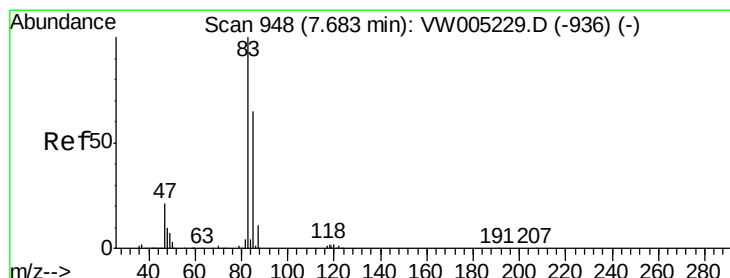
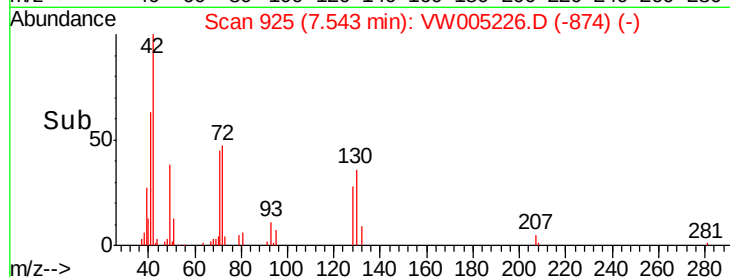
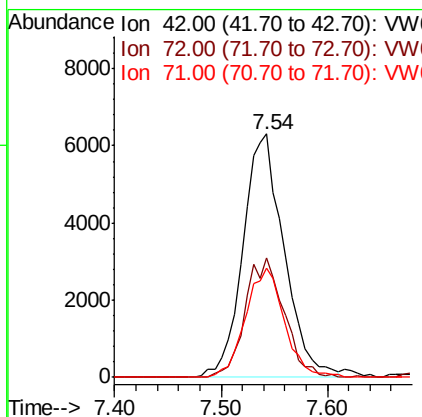
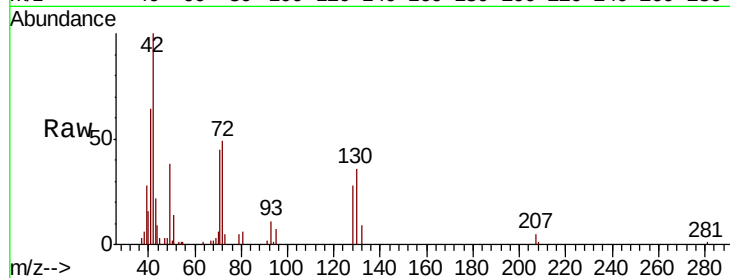
#29
Tetrahydrofuran
Concen: 24.76 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.4	56.2
71	42.4	35.5	53.3

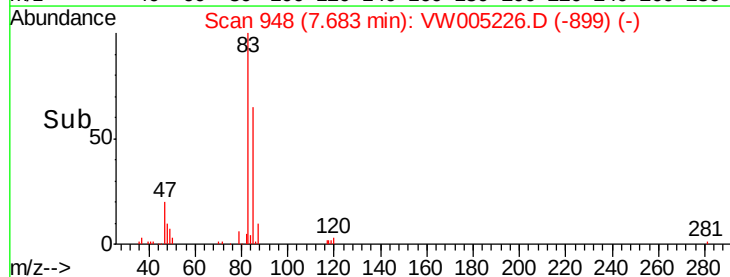
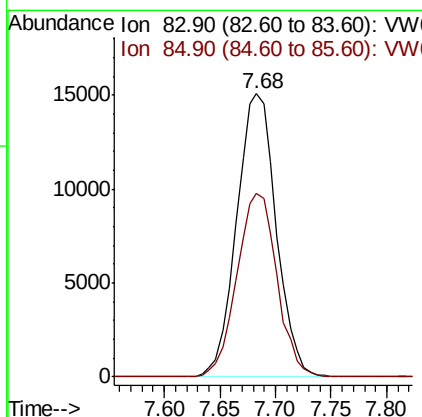
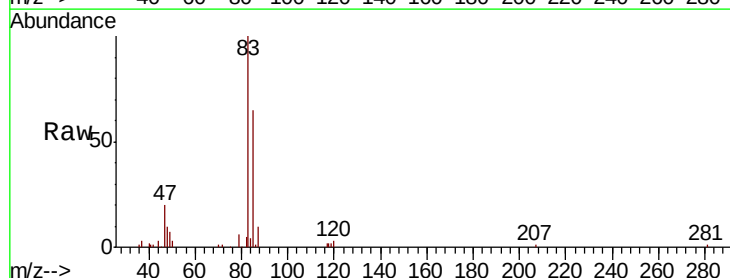
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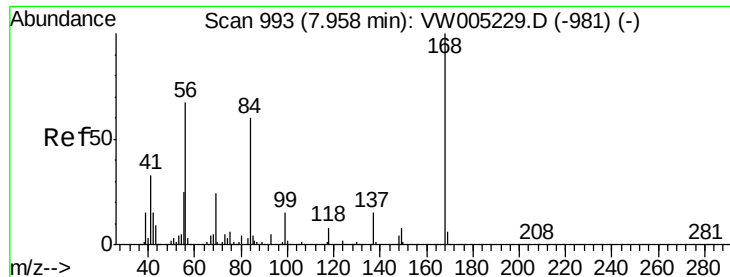
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#30
Chloroform
Concen: 4.79 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.9	77.9





#31

Cyclohexane

Concen: 5.10 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

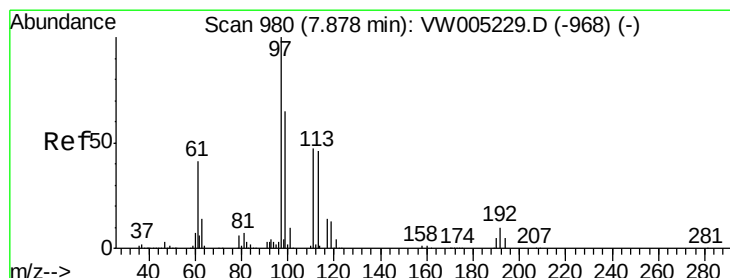
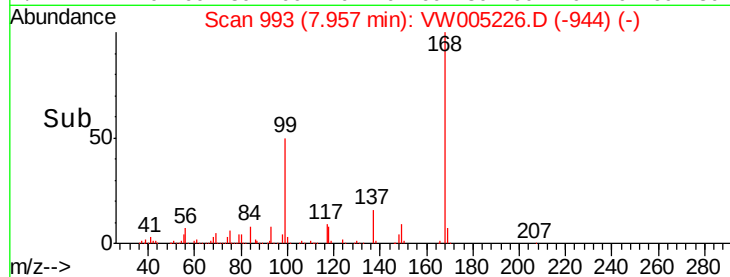
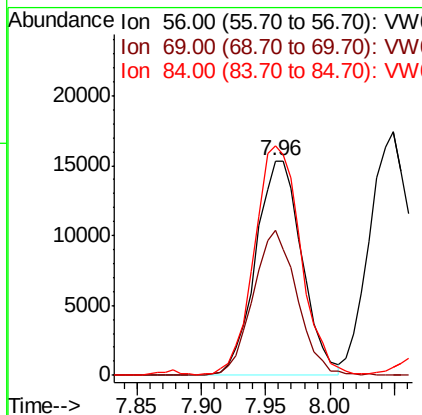
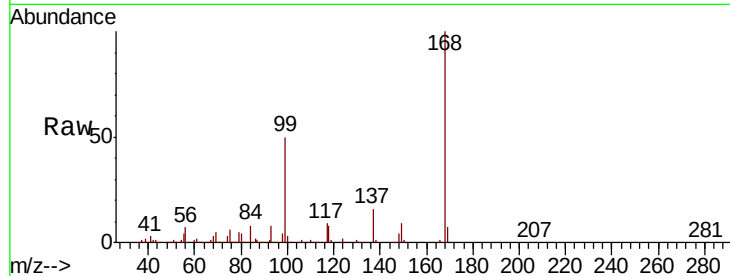
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	38289
Ion Ratio	Lower	Upper	
56	100		
69	67.6	28.2	42.4#
84	105.9	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 4.63 ug/l

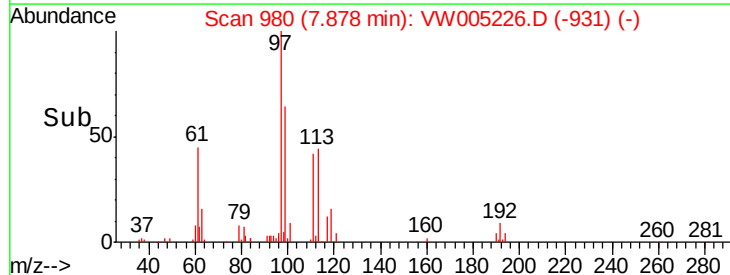
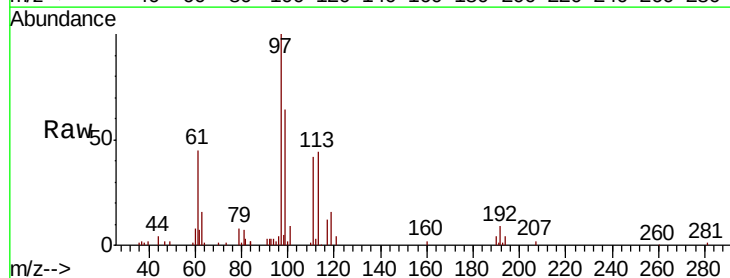
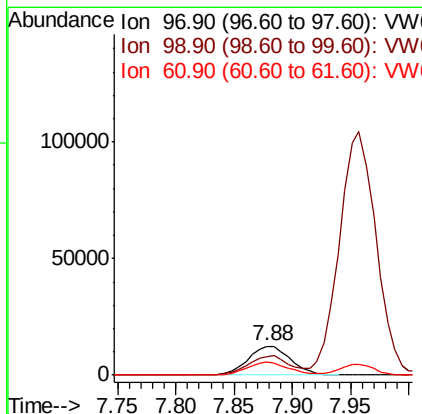
RT: 7.88 min Scan# 980

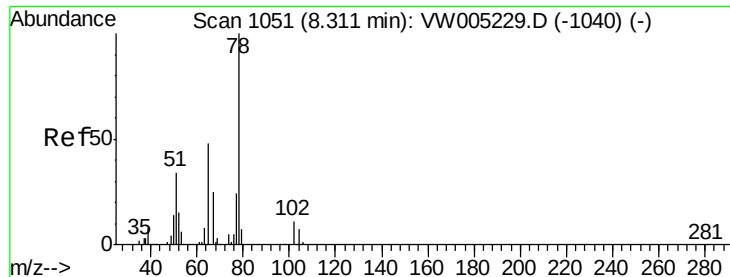
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	97	Resp:	31293
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.8	77.6
61	43.5	33.0	49.4





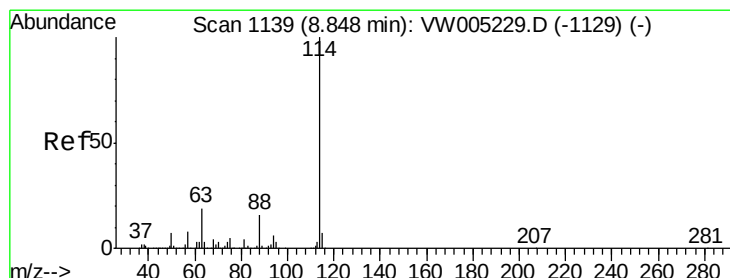
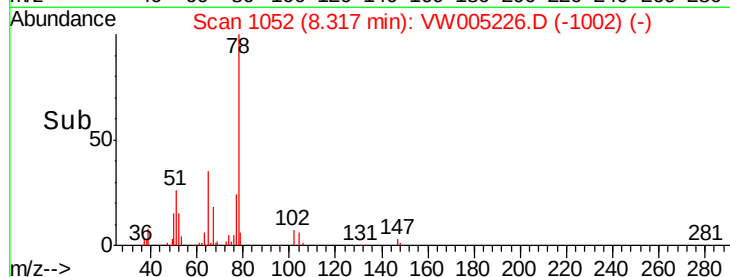
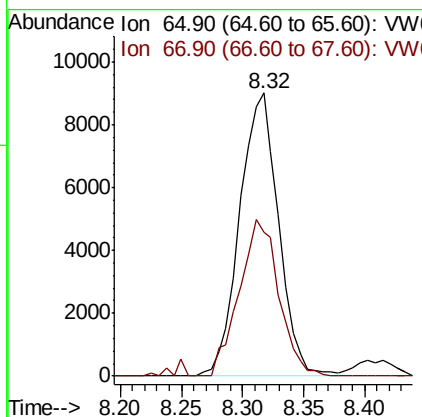
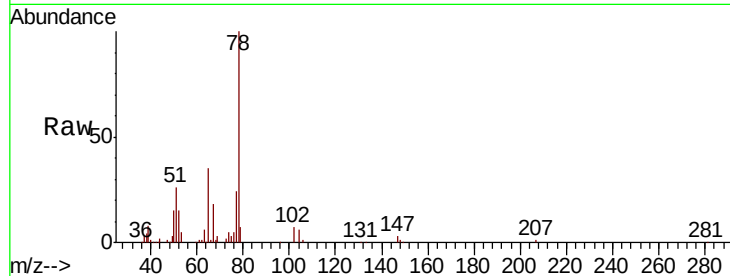
#33
 1,2-Dichloroethane-d4
 Concen: 5.14 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	19906		
67	56.5	0.0	111.2	

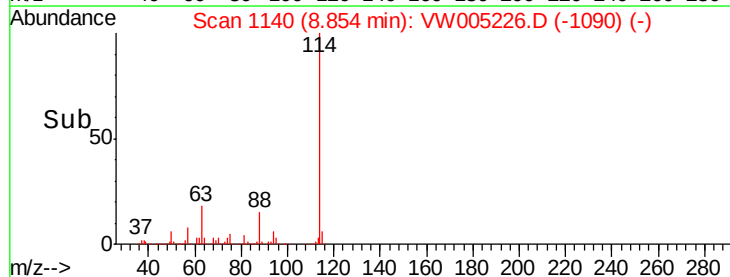
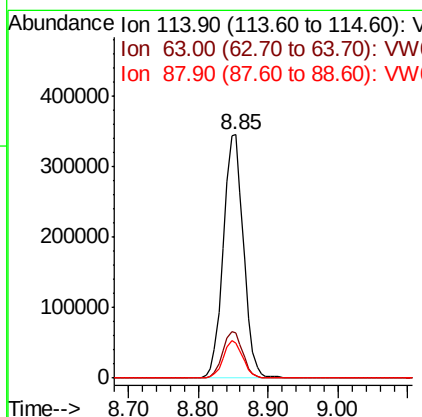
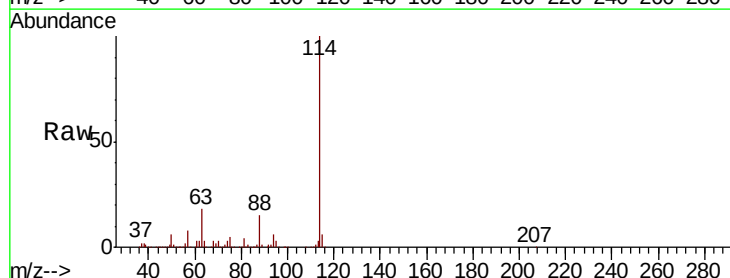
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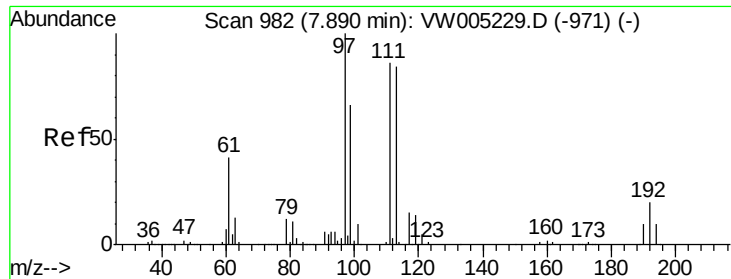
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	693045		
63	18.4	0.0	38.8	
88	14.5	0.0	31.2	





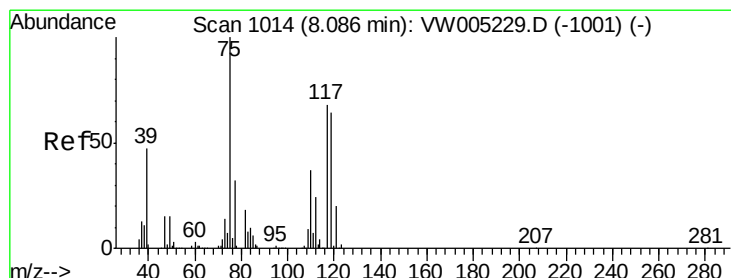
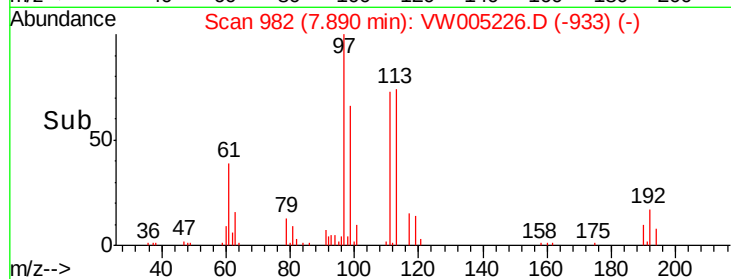
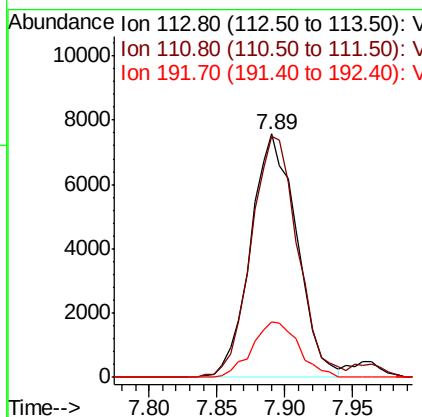
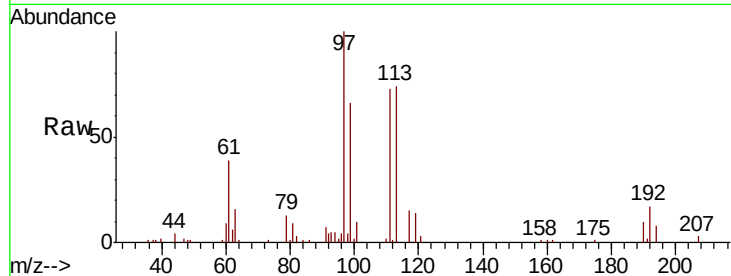
#35
Dibromofluoromethane
Concen: 4.51 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	17956		
111	100.2	82.0	123.0	
192	22.9	18.0	27.0	

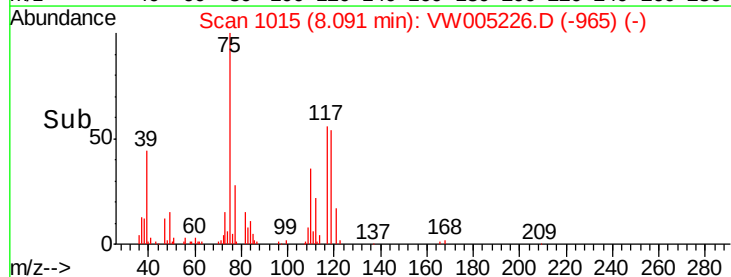
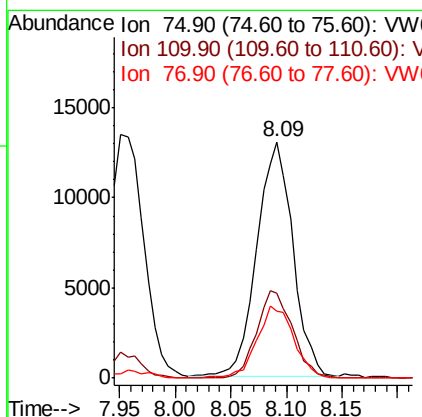
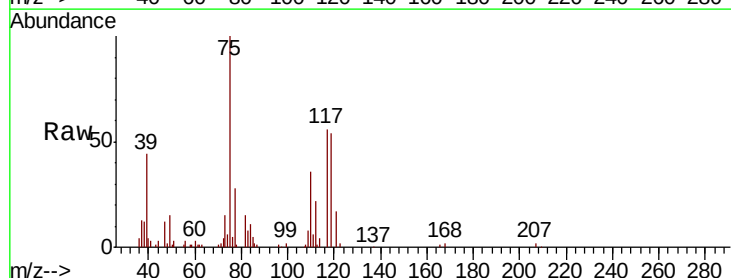
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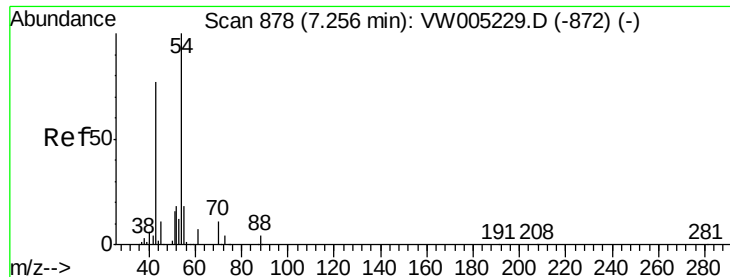
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#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29444		
110	36.9	18.8	56.4	
77	31.1	25.2	37.8	





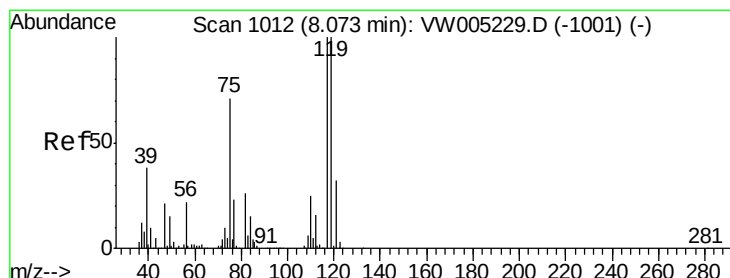
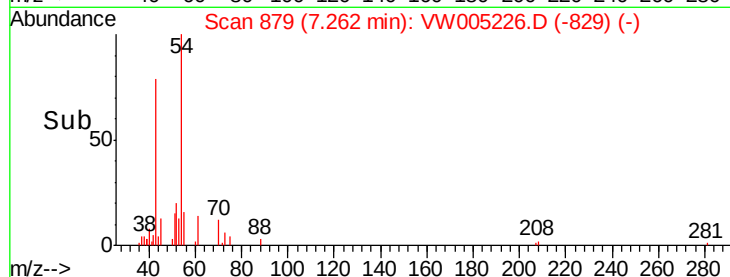
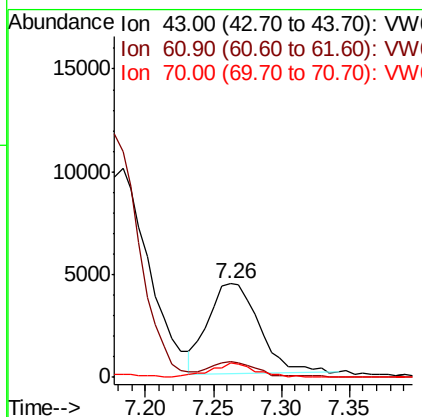
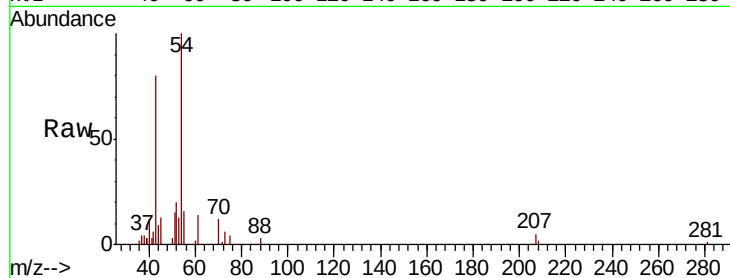
#37
Ethyl Acetate
Concen: 4.62 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.4	17.2
70	13.6	9.6	14.4

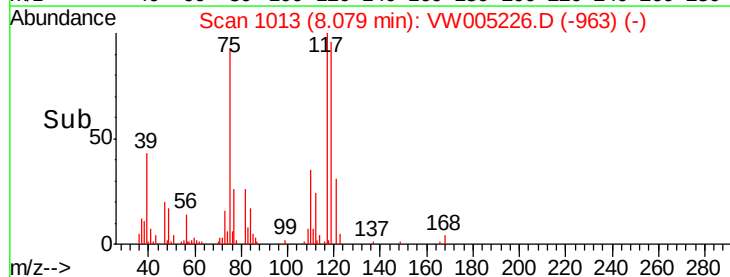
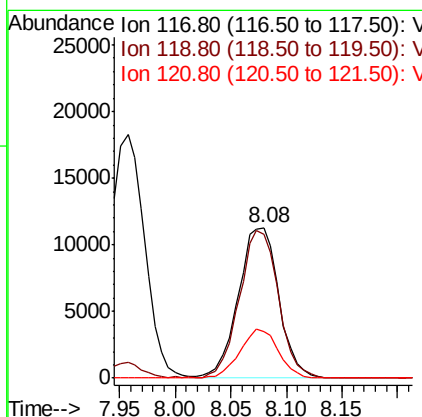
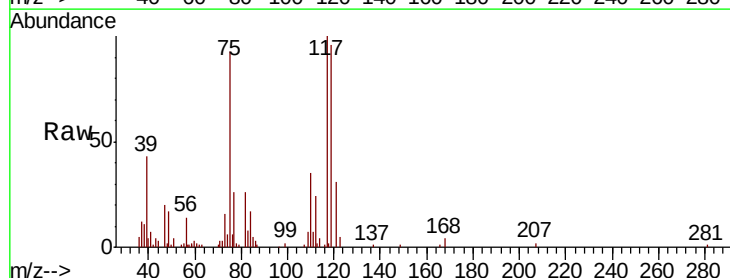
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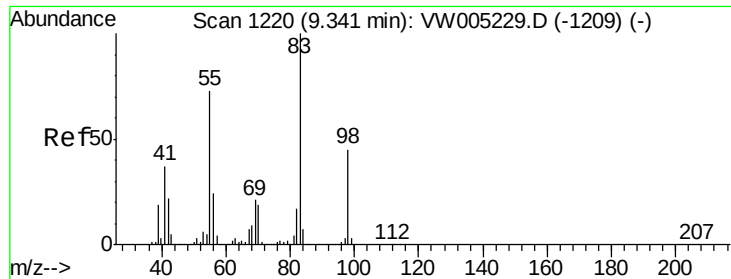
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#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.7	119.5
121	31.0	25.4	38.0





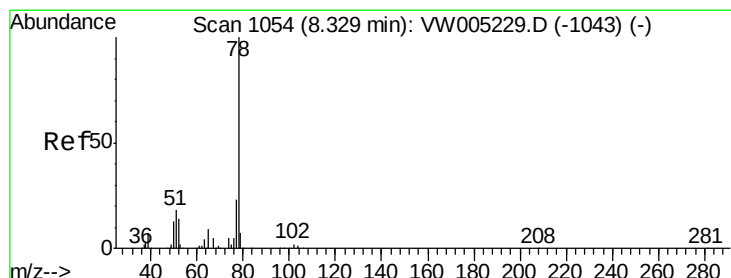
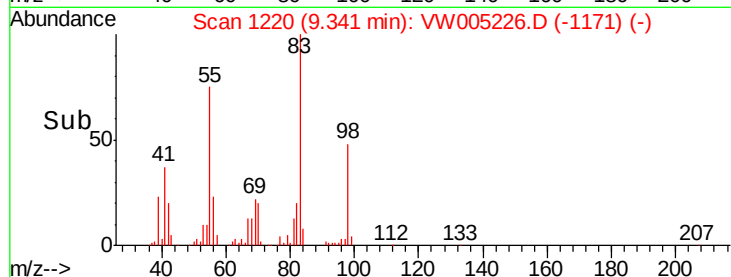
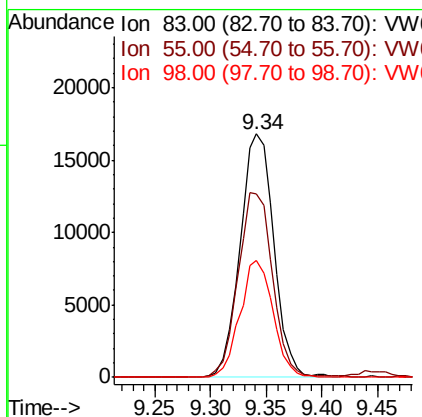
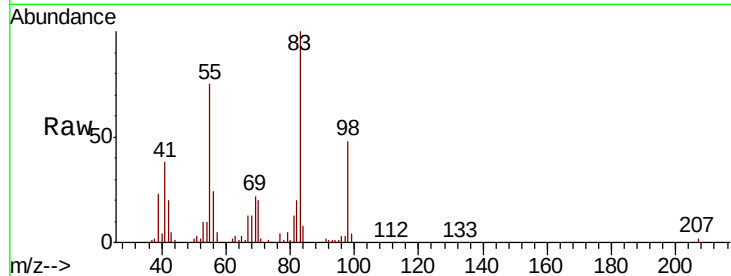
#39
Methylvlcyclohexane
Concen: 4.52 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	58.7	88.1
98	47.9	36.1	54.1

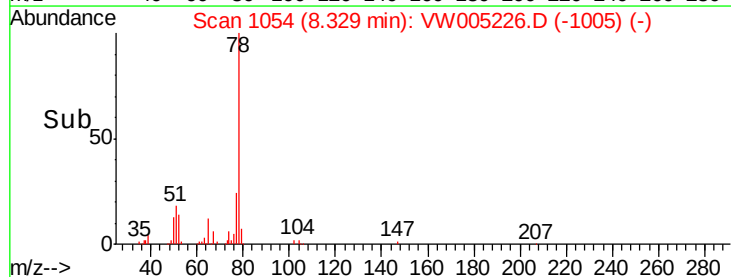
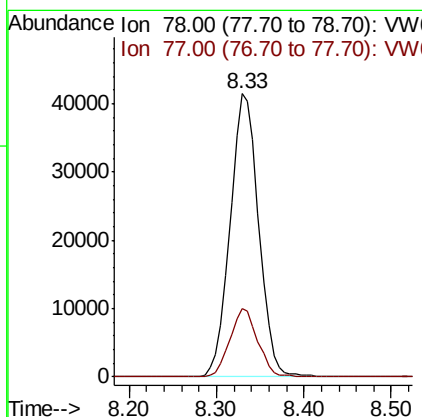
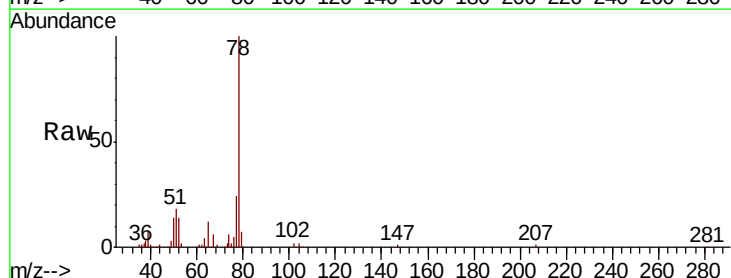
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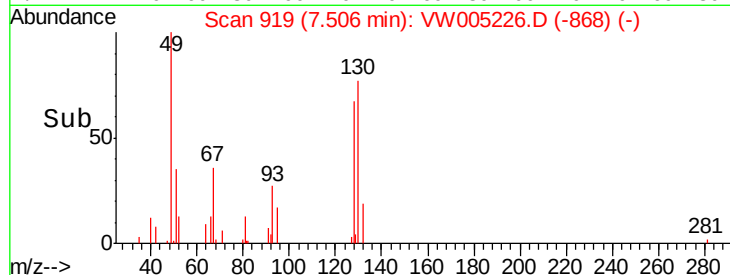
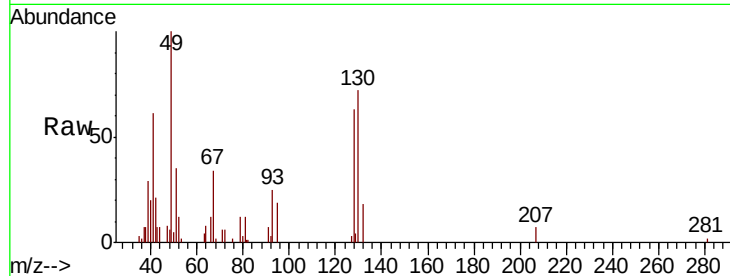
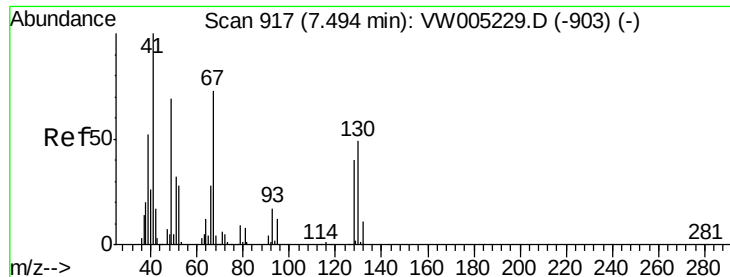
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#40
Benzene
Concen: 4.74 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8





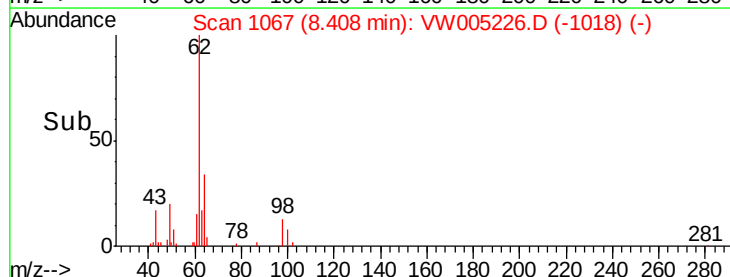
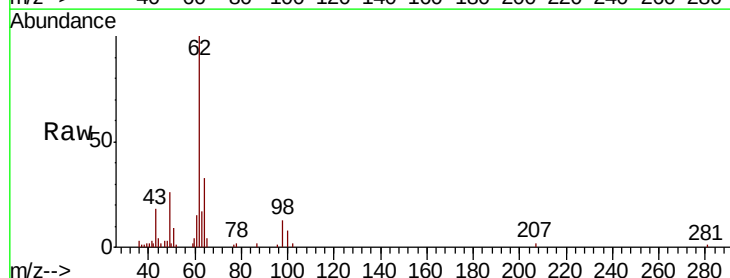
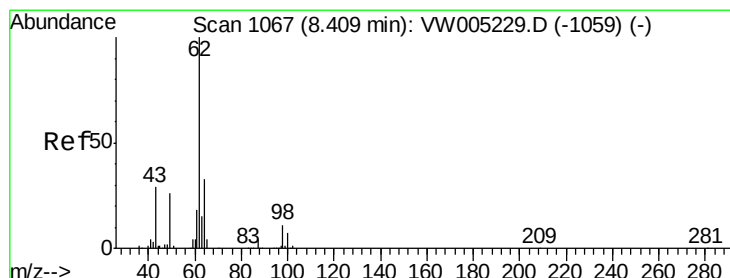
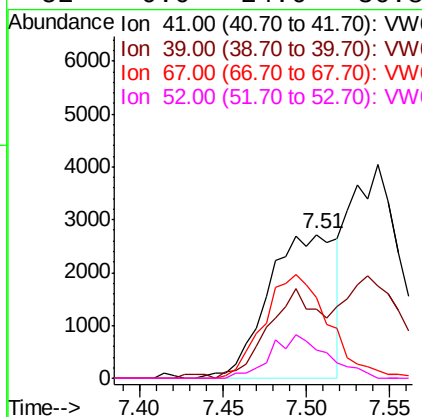
#41
Methacrylonitrile
Concen: 5.52 ug/l m
RT: 7.51 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	40.8	61.2
67	0.0	63.6	95.4#
52	0.0	24.6	36.8#

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

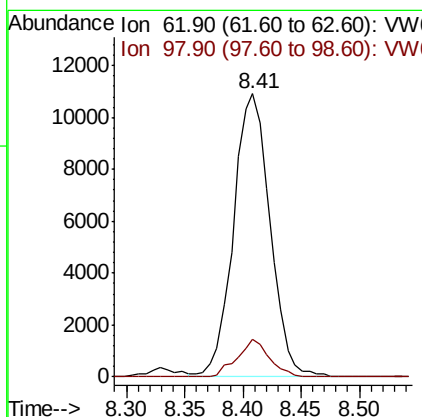
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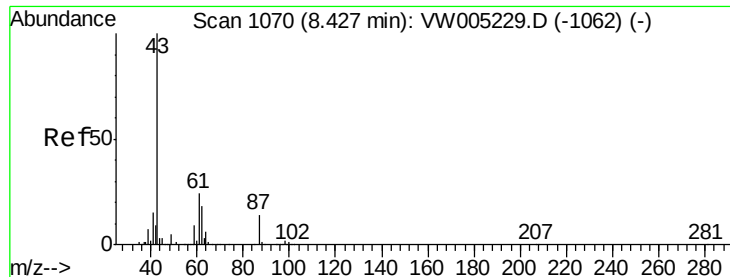
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#42
1,2-Dichloroethane
Concen: 4.94 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 4.83 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

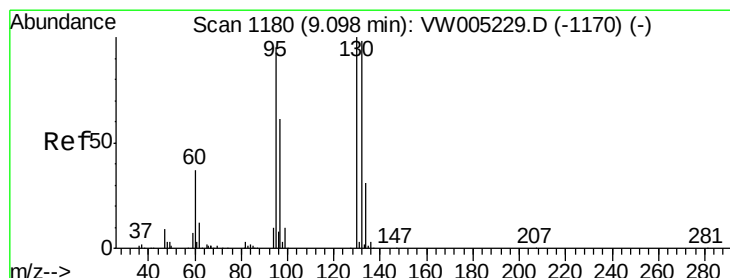
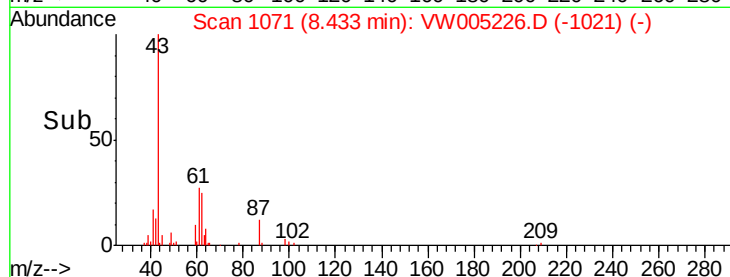
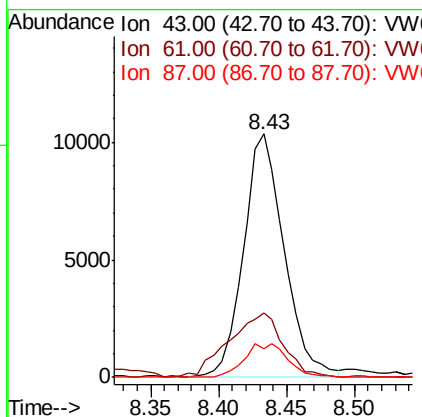
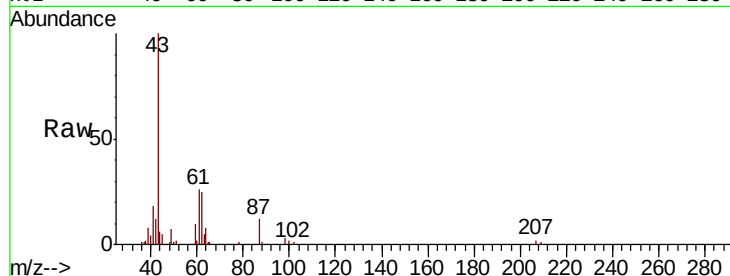
ClientSampled :

VSTDIC005

Tot Ion:	43	Resp:	21711
Ion	Ratio	Lower	Upper
43	100		
61	35.3	26.6	39.8
87	14.5	12.2	18.2

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#44

Trichloroethene

Concen: 4.57 ug/l

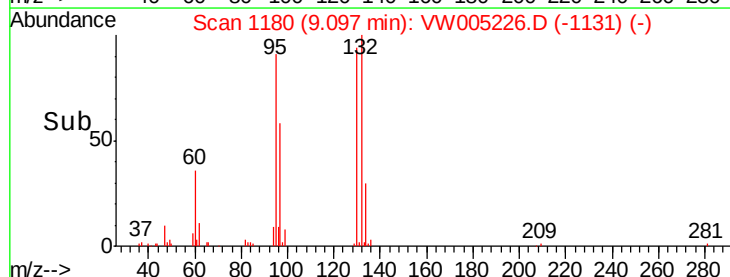
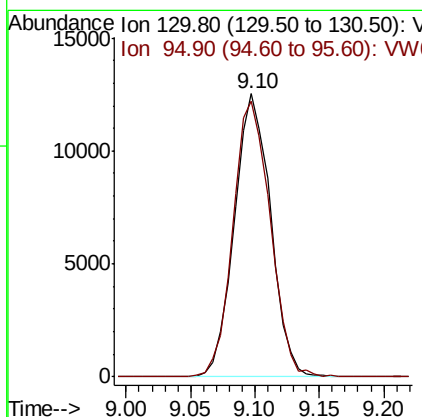
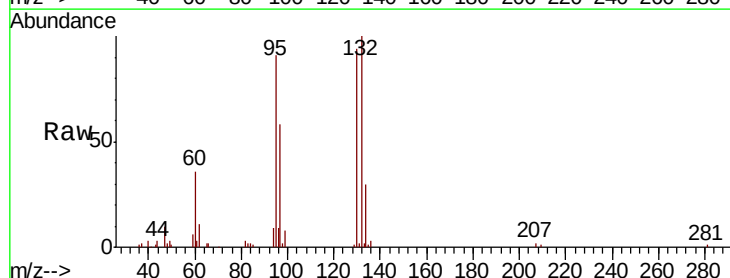
RT: 9.10 min Scan# 1180

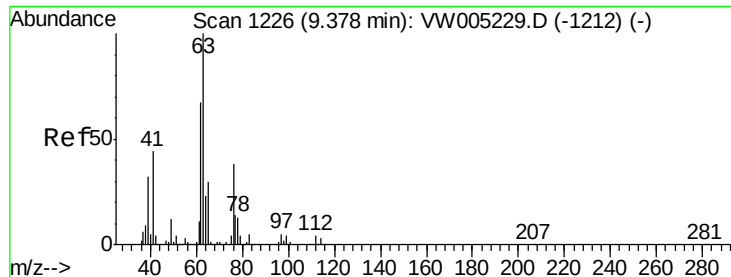
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	130	Resp:	24403
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	189.8





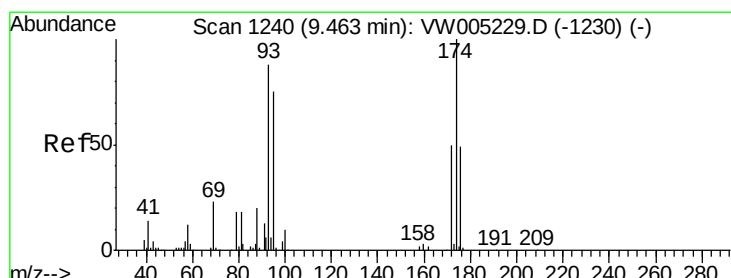
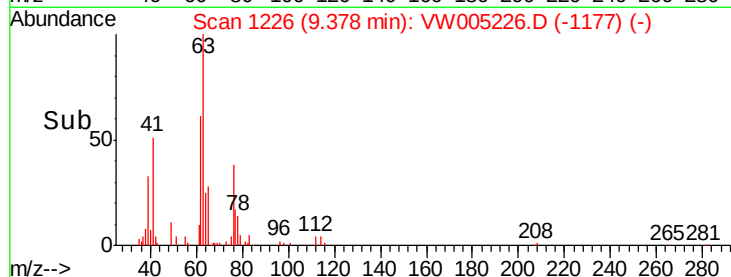
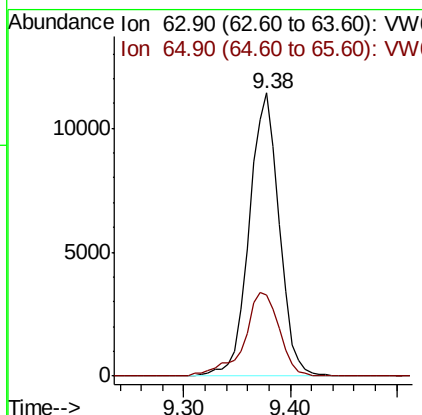
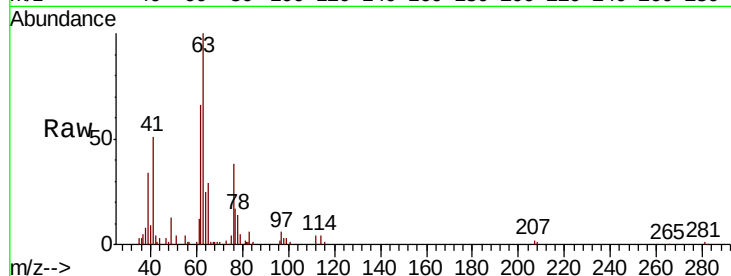
#45
 1,2-Dichloropropane
 Concen: 4.68 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.6	23.8	35.8

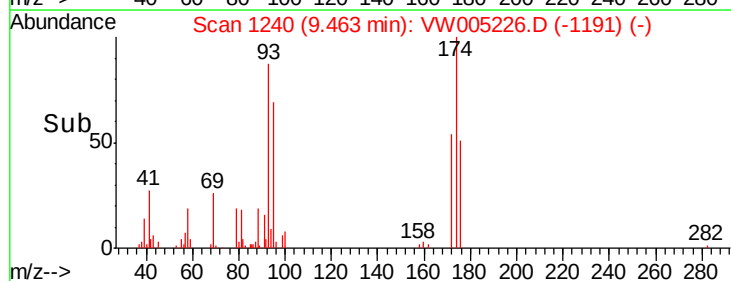
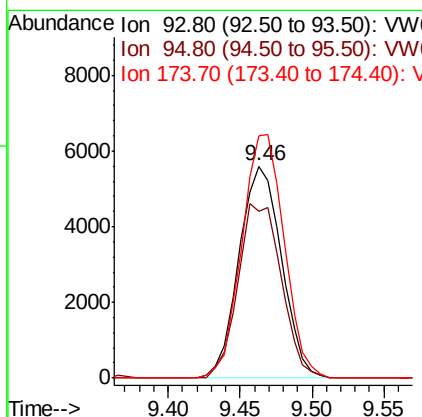
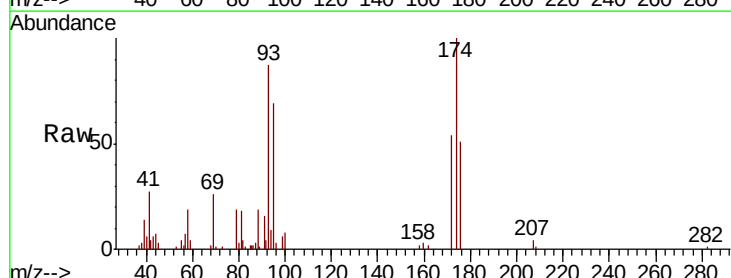
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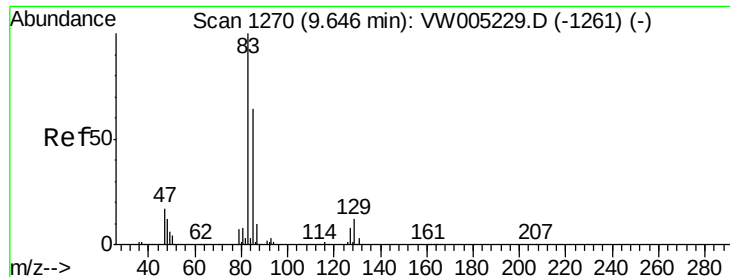
apatel
 9/10/2018 10:41:59 AM



#46
 Dibromomethane
 Concen: 4.95 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.4	101.2
174	114.2	91.9	137.9





#47

Bromodichloromethane

Concen: 4.52 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

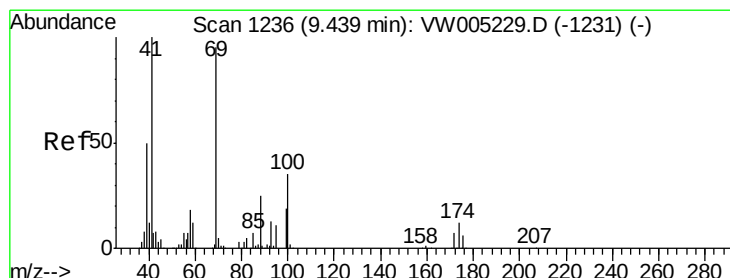
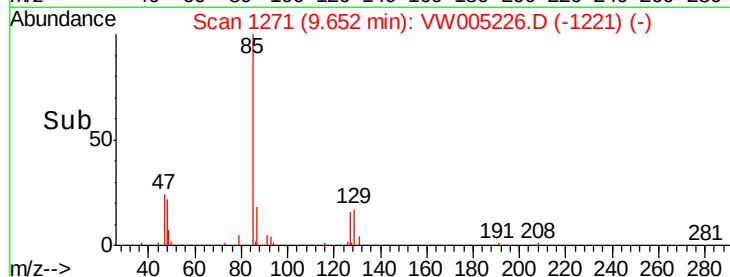
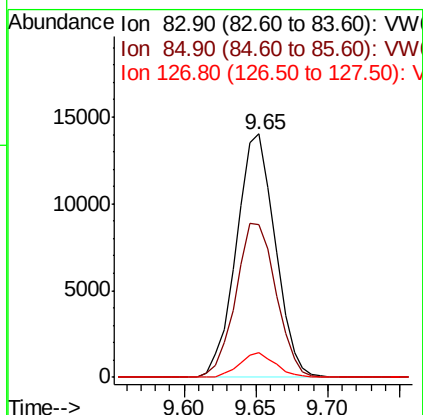
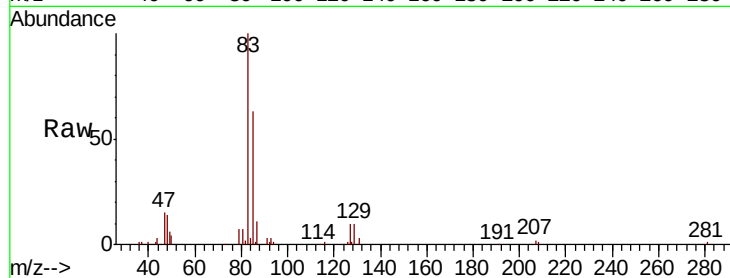
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	26285
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.6
127	9.9	6.7	10.1

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#48

Methyl methacrylate

Concen: 4.64 ug/l

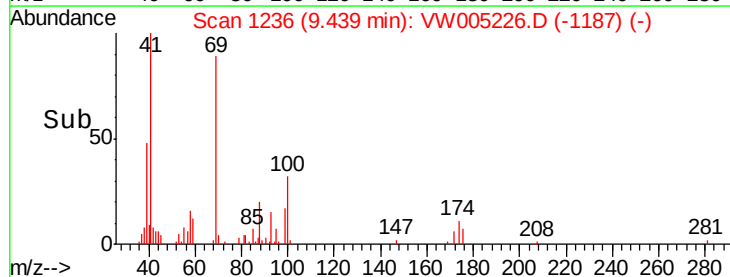
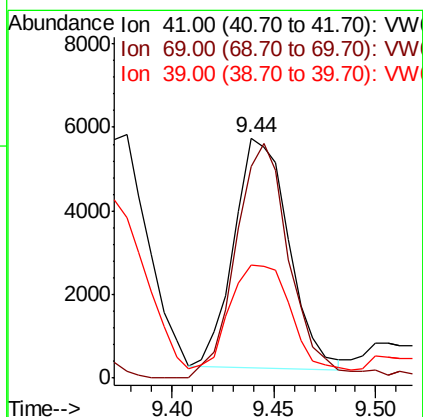
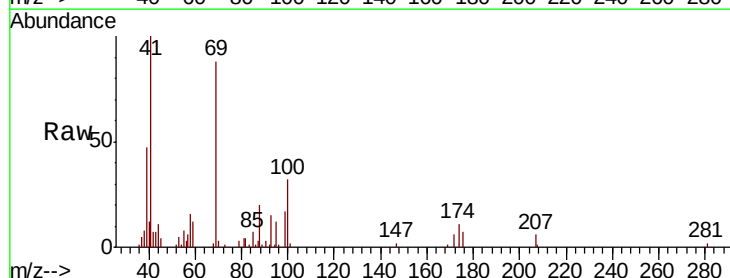
RT: 9.44 min Scan# 1236

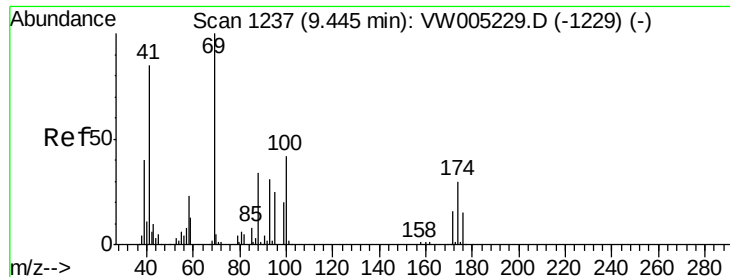
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	41	Resp:	10198
Ion	Ratio	Lower	Upper
41	100		
69	102.9	73.6	110.4
39	59.0	36.9	55.3#





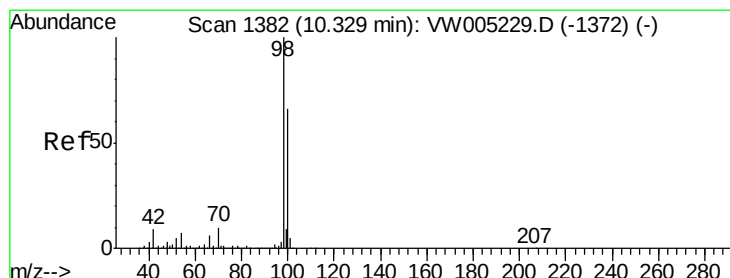
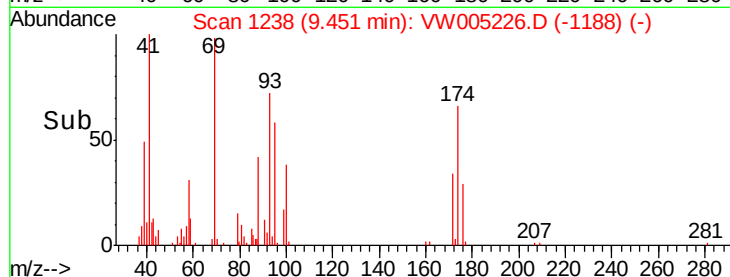
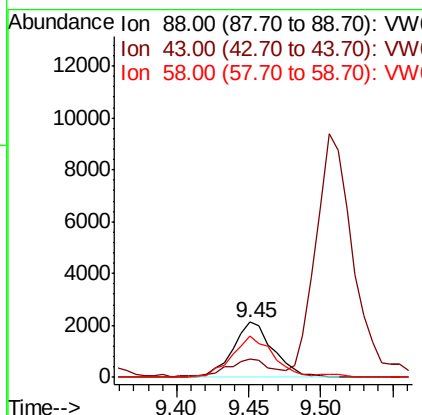
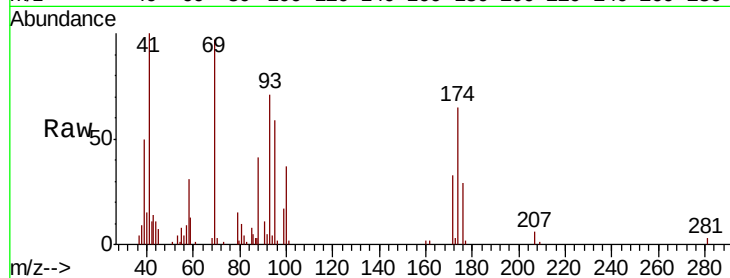
#49
1,4-Dioxane
Concen: 108.27 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	22.1	33.1#
58	76.5	53.8	80.6

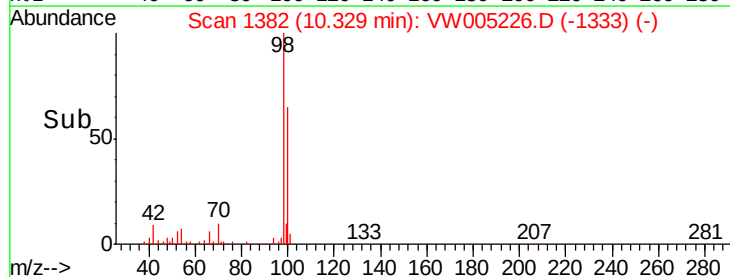
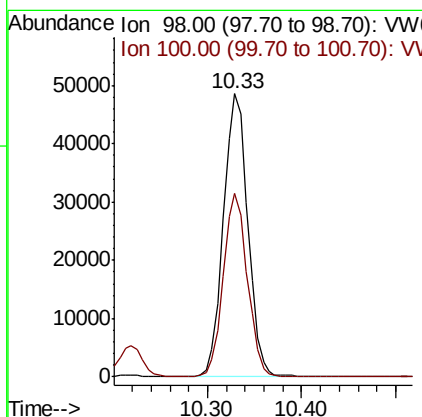
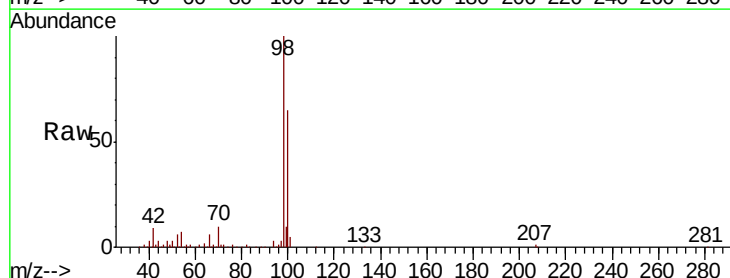
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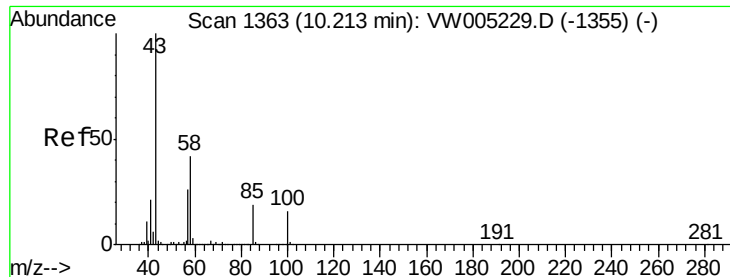
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#50
Toluene-d8
Concen: 4.73 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.5	78.7





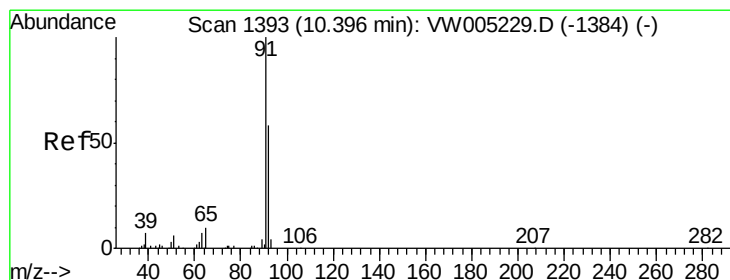
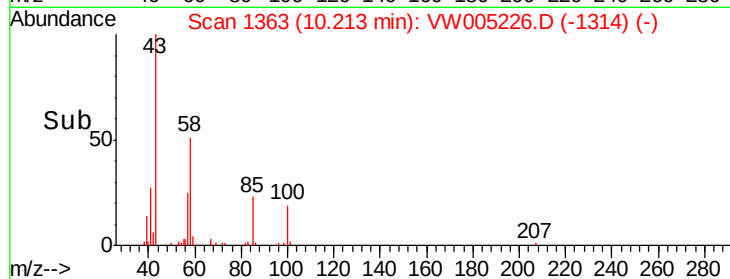
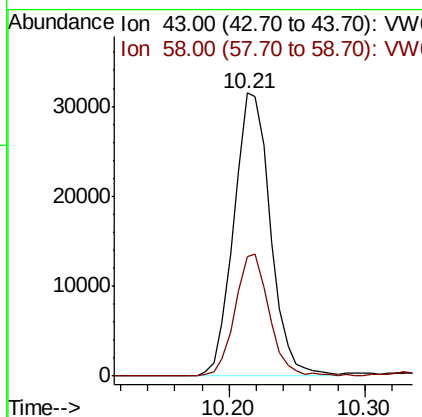
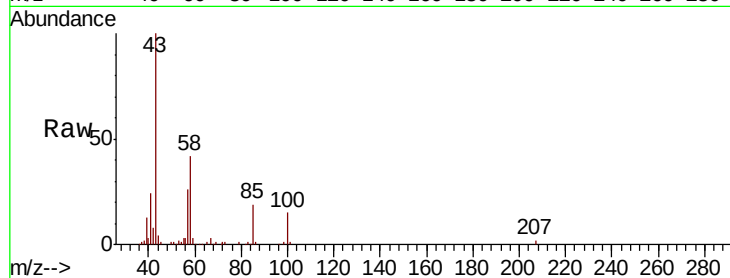
#51
4-Methyl-2-Pentanone
Concen: 20.22 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	58800
Ion Ratio	43	100	
Lower	58	40.5	33.3
Upper			49.9

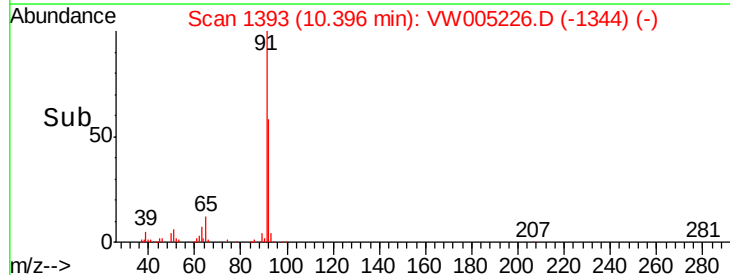
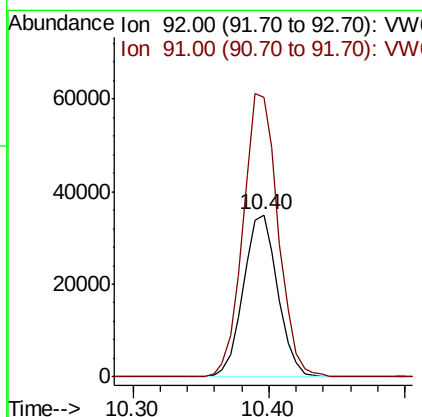
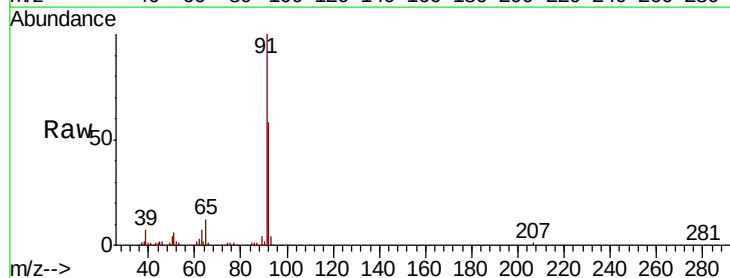
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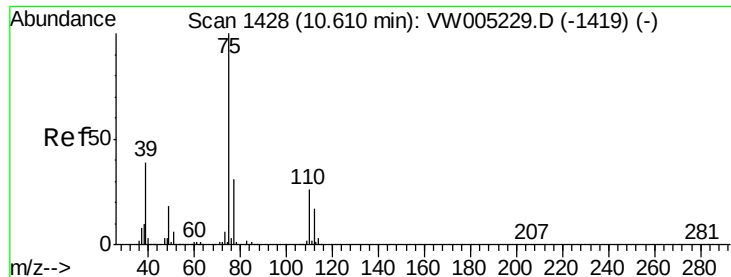
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#52
Toluene
Concen: 4.60 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	92	Resp	61851
Ion Ratio	92	100	
Lower	91	178.8	137.4
Upper			206.0





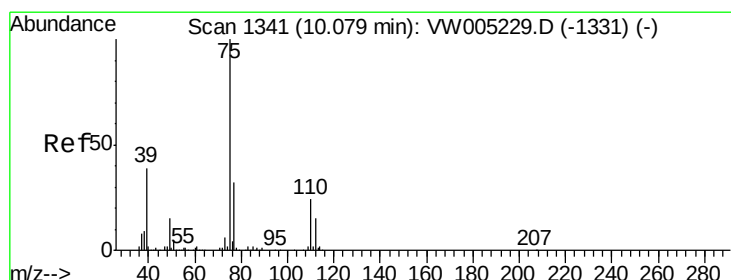
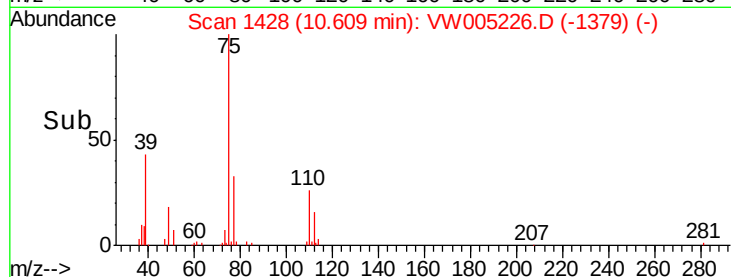
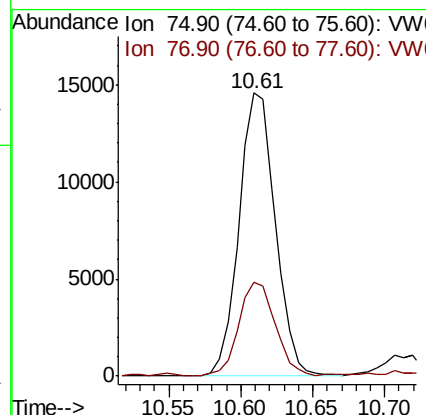
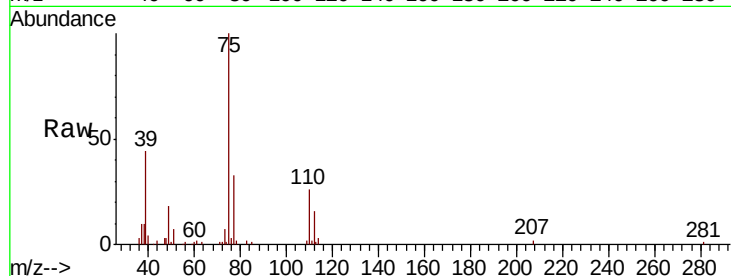
#53
 t-1,3-Dichloropropene
 Concen: 4.43 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 25487
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.7 37.1

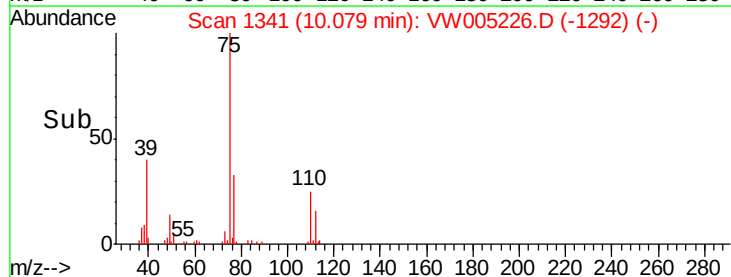
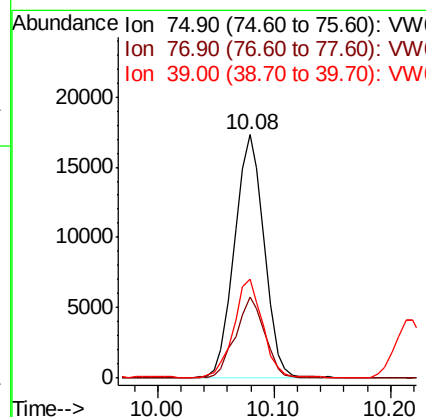
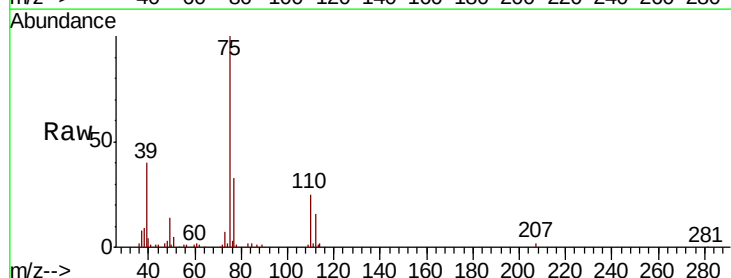
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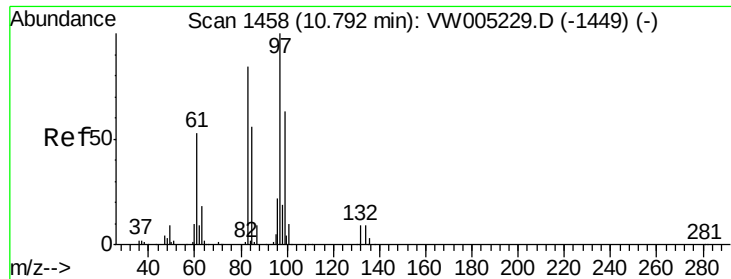
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#54
 cis-1,3-Dichloropropene
 Concen: 4.41 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 75 Resp: 30677
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0
 39 40.5 31.2 46.8





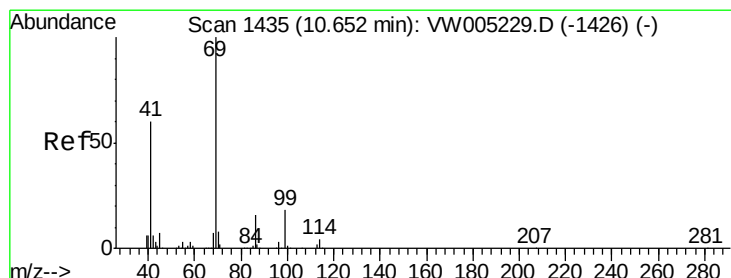
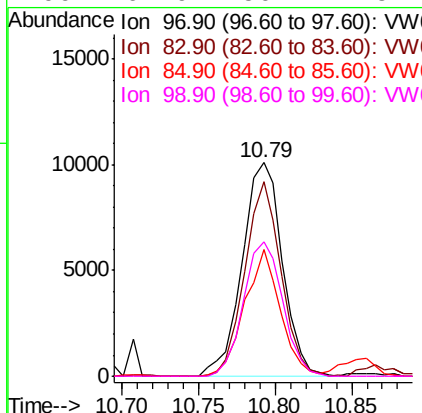
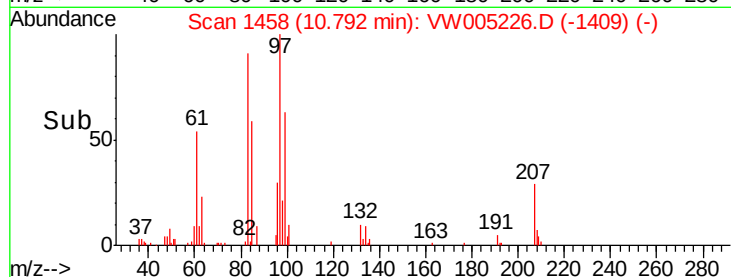
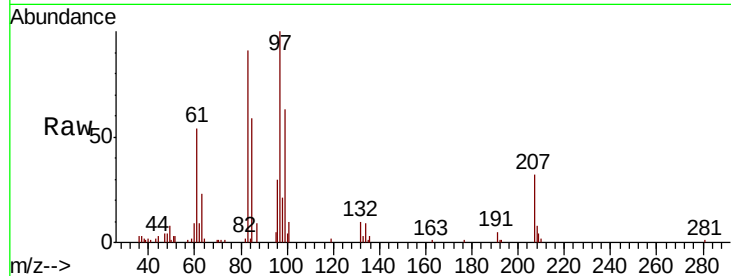
#55
 1,1,2-Trichloroethane
 Concen: 5.12 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.0	67.4	101.0
85	59.4	44.6	66.8
99	62.9	50.1	75.1

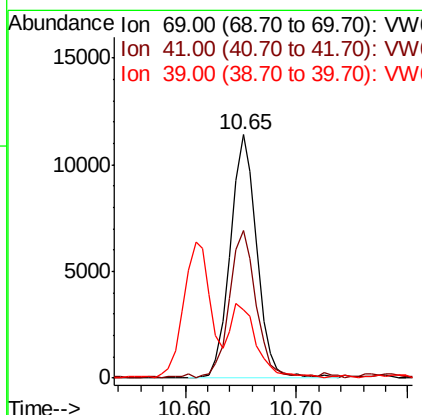
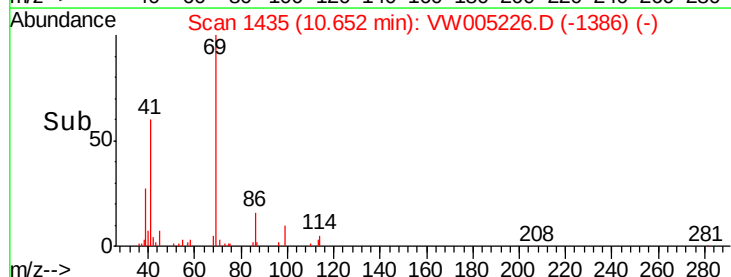
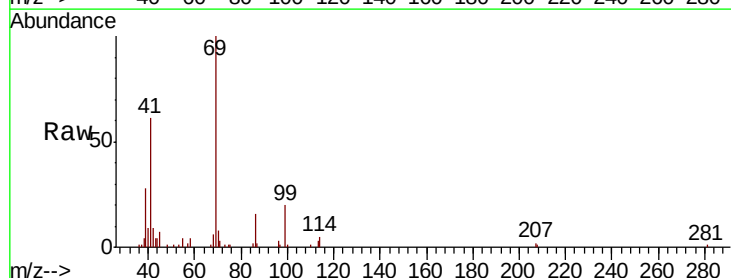
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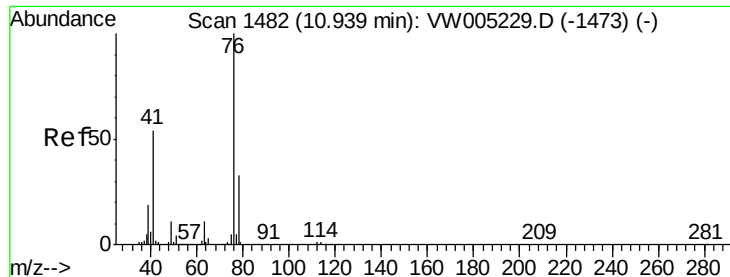
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#56
 Ethyl methacrylate
 Concen: 4.50 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.9	71.9
39	30.7	20.9	31.3





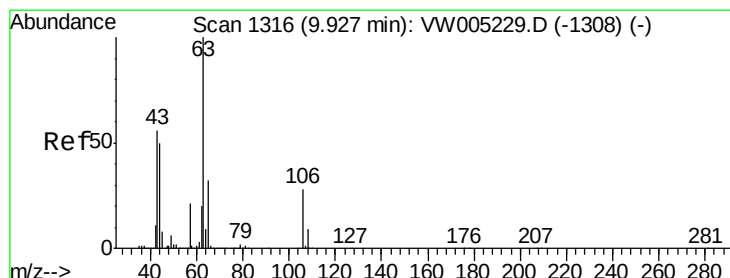
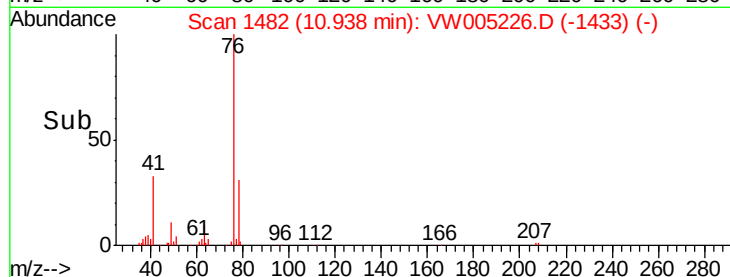
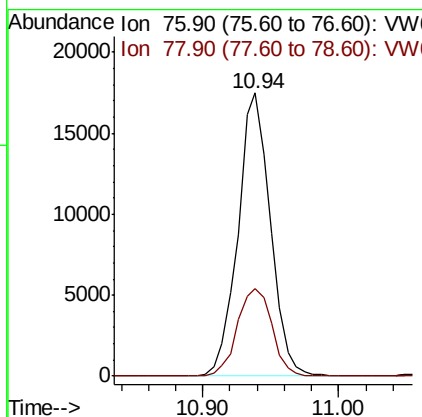
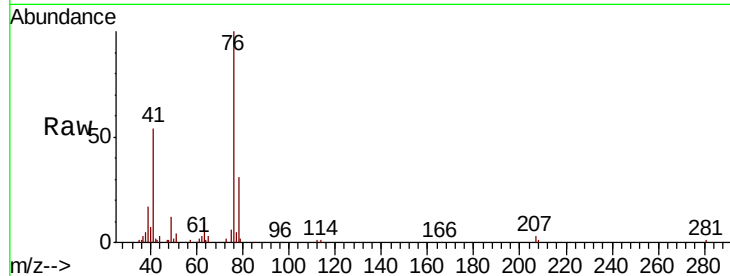
#57
 1,3-Dichloropropane
 Concen: 4.89 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.5	38.3

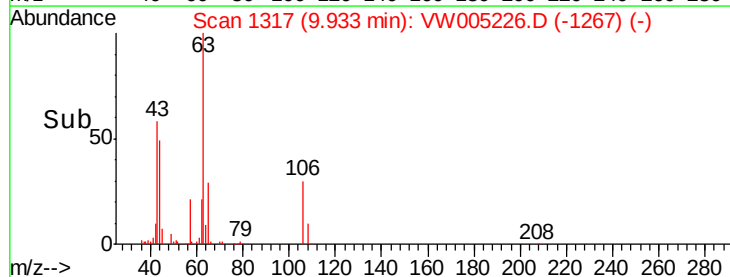
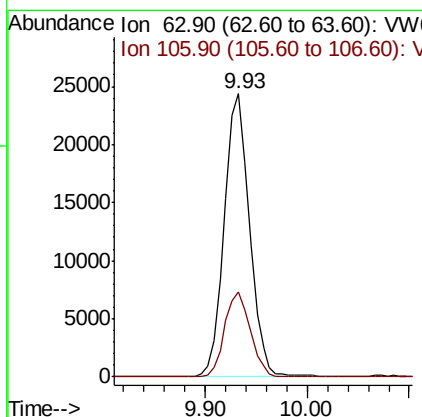
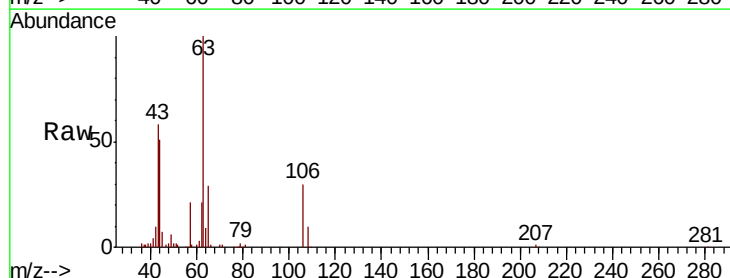
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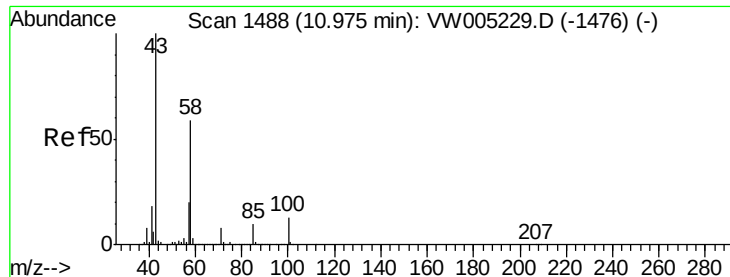
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#58
 2-Chloroethyl Vinyl ether
 Concen: 21.54 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.3	34.9





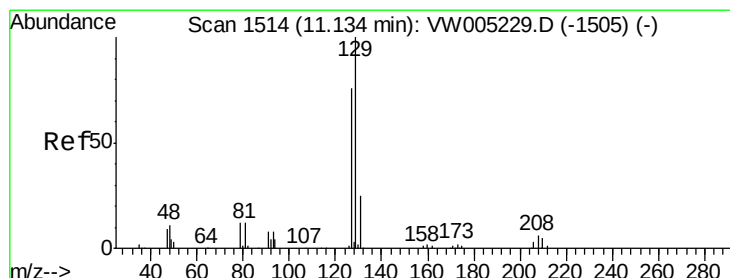
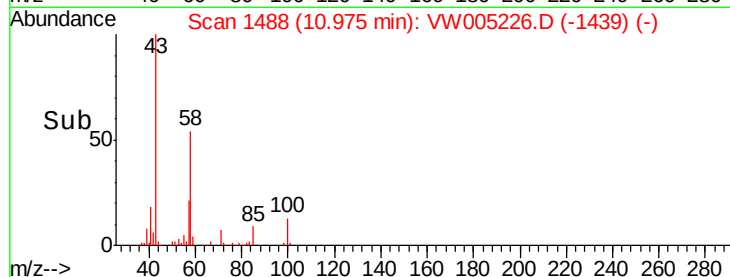
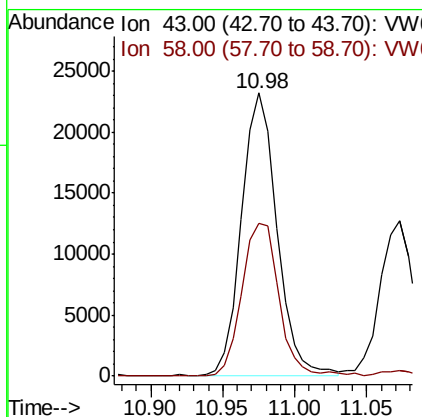
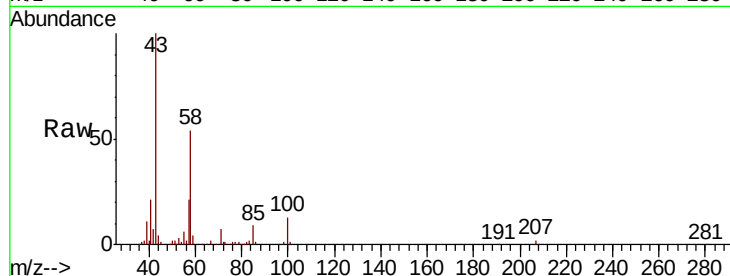
#59
2-Hexanone
Concen: 19.92 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	39354
Ion Ratio	100	Lower	Upper
43	100		
58	56.6	29.2	87.6

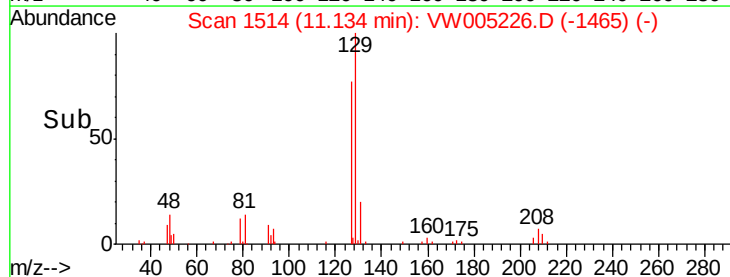
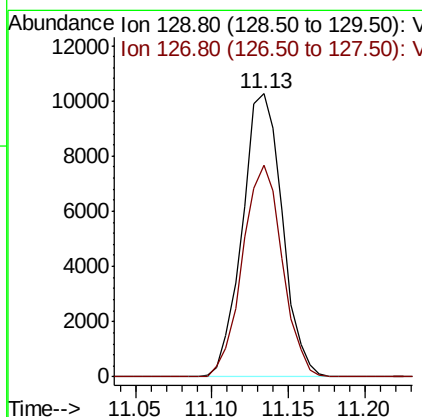
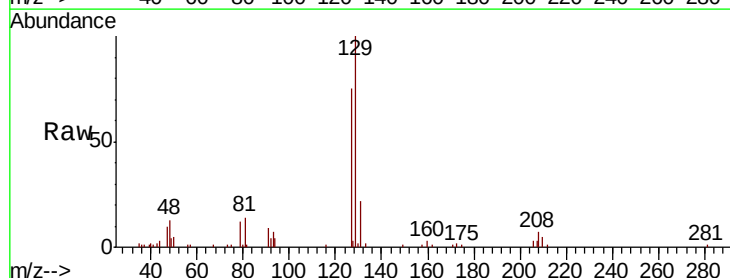
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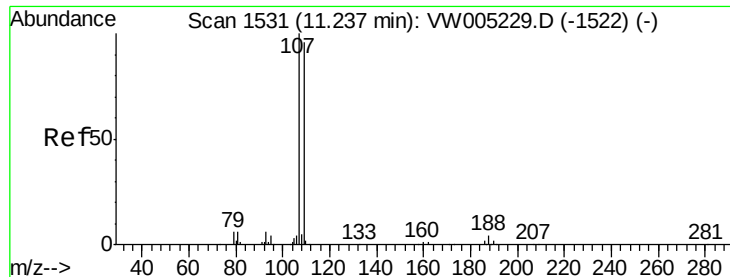
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#60
Dibromochloromethane
Concen: 4.59 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	129	Resp	18670
Ion Ratio	100	Lower	Upper
129	100		
127	74.3	38.7	116.1





#61

1,2-Dibromoethane

Concen: 4.77 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 15587

Ion Ratio Lower Upper

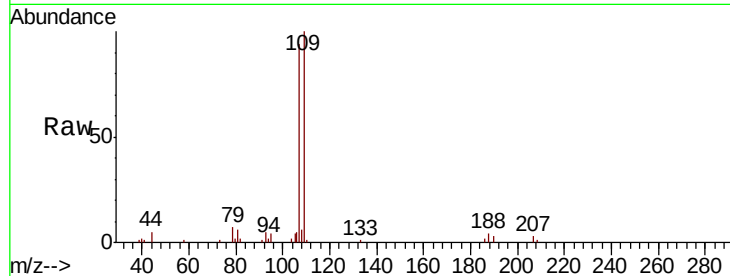
107 100

109 95.9 76.6 115.0

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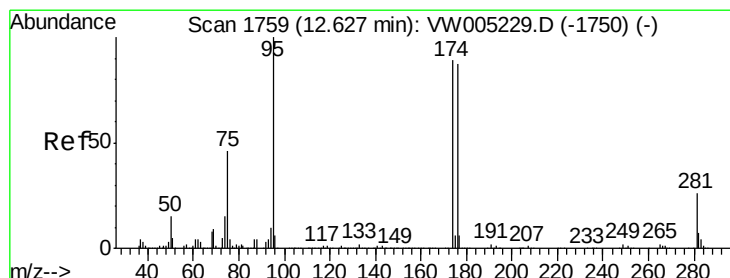
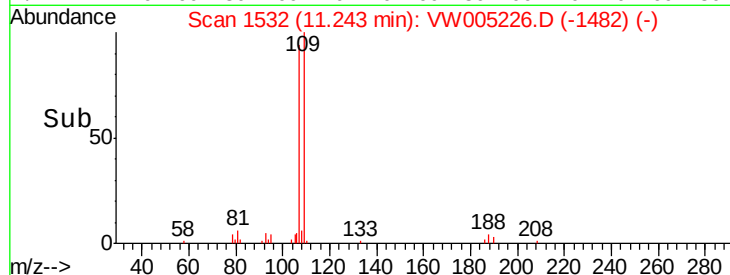
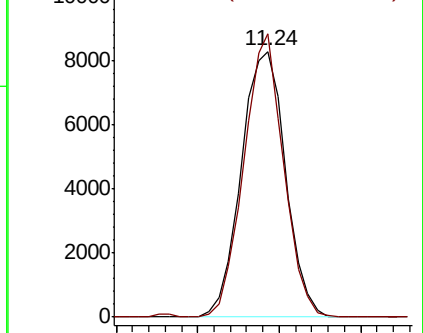
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.05 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

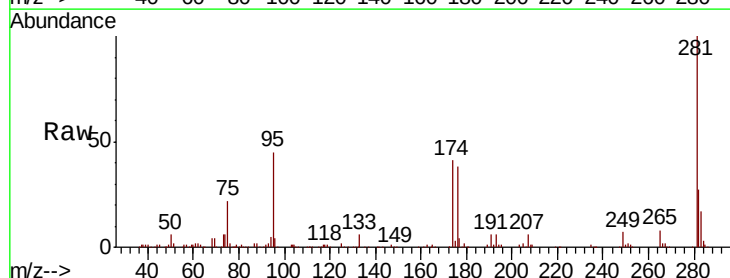
Tgt Ion: 95 Resp: 33071

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.2

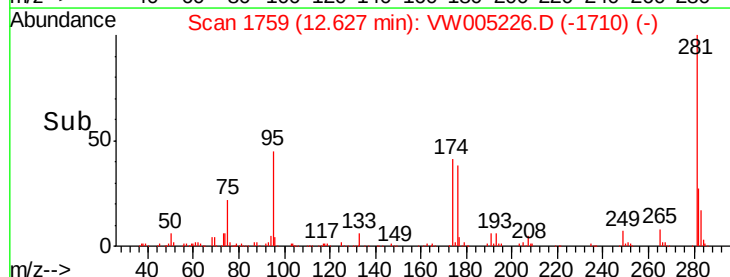
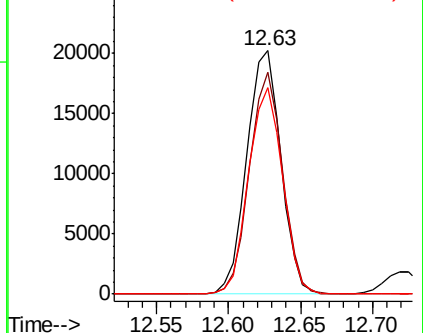
176 84.3 0.0 167.2

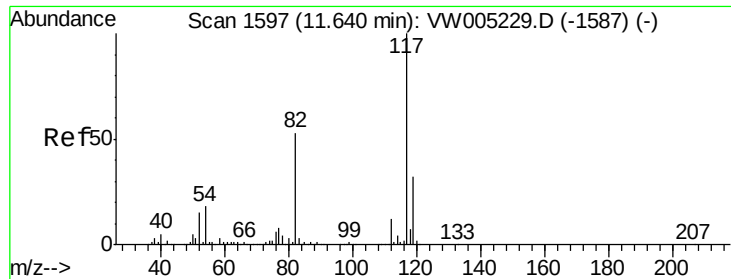


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

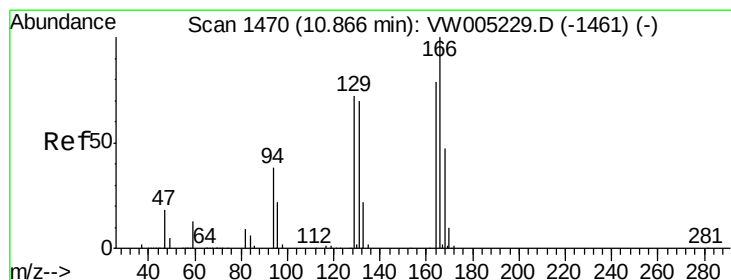
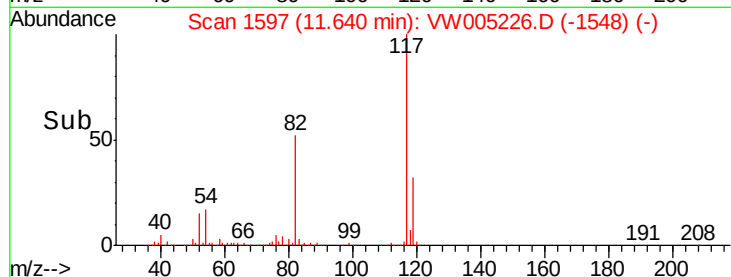
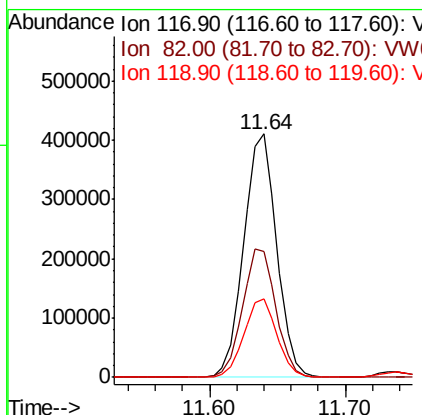
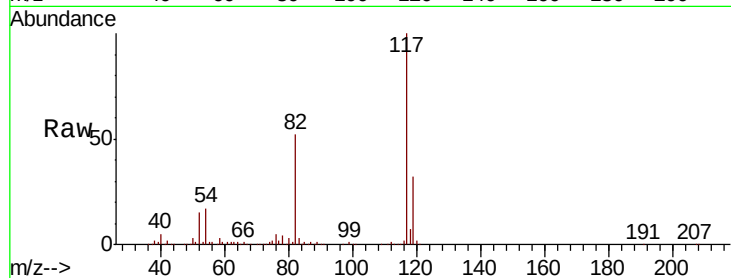
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	695540
Ion Ratio	Lower	Upper	
117	100		
82	51.9	42.3	63.5
119	32.3	25.7	38.5

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#64

Tetrachloroethene

Concen: 4.84 ug/l

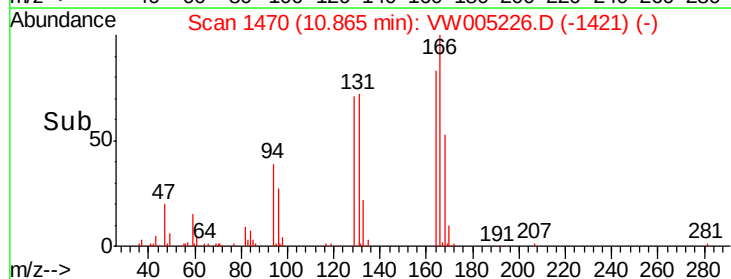
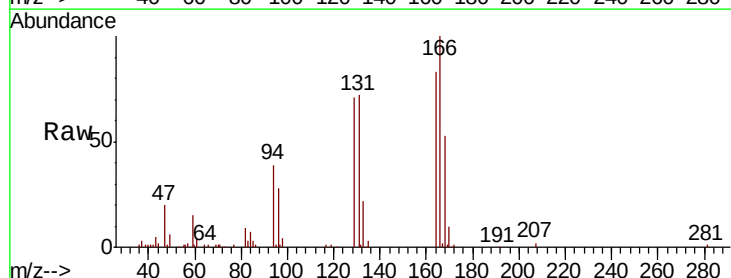
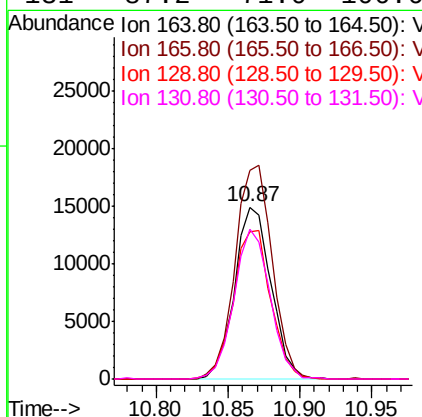
RT: 10.87 min Scan# 1470

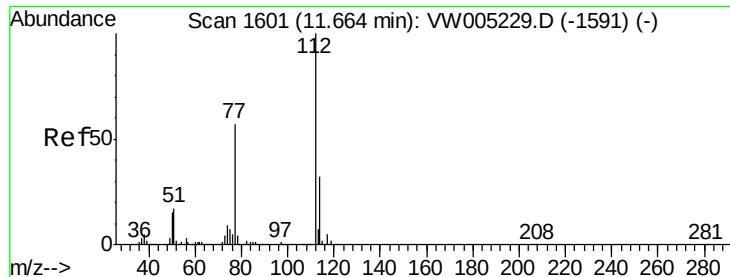
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	164	Resp:	26310
Ion Ratio	Lower	Upper	
164	100		
166	120.9	101.0	151.6
129	85.9	73.0	109.4
131	87.2	71.0	106.6





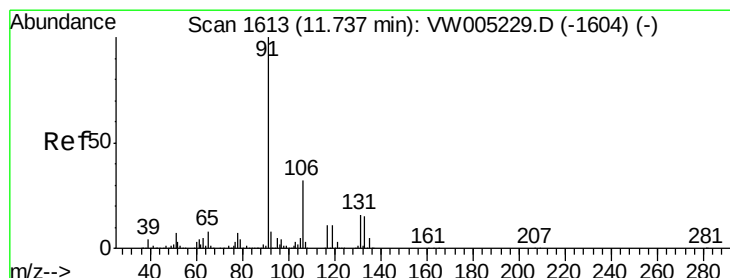
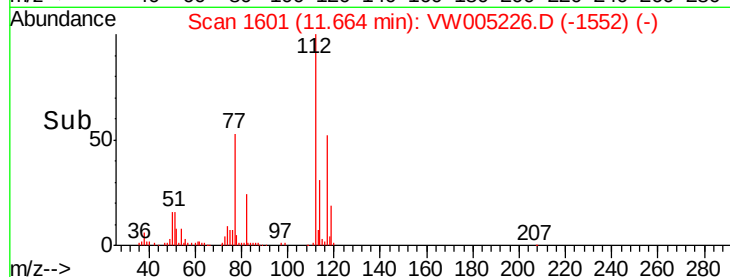
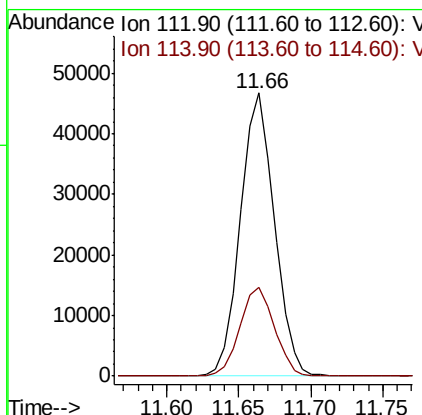
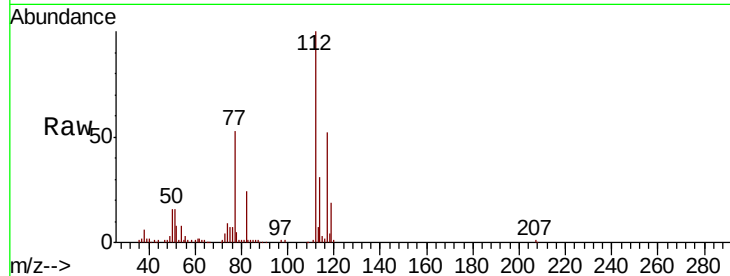
#65
Chlorobenzene
Concen: 4.95 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:112 Resp: 76464
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

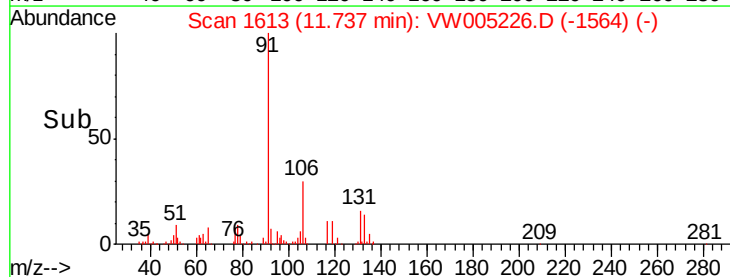
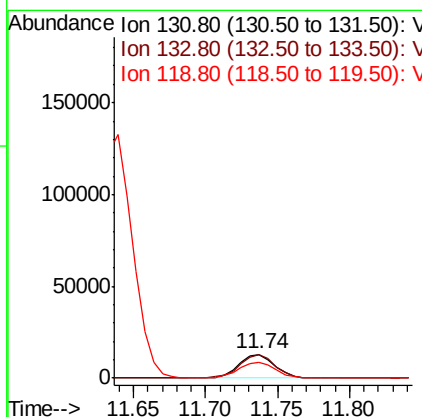
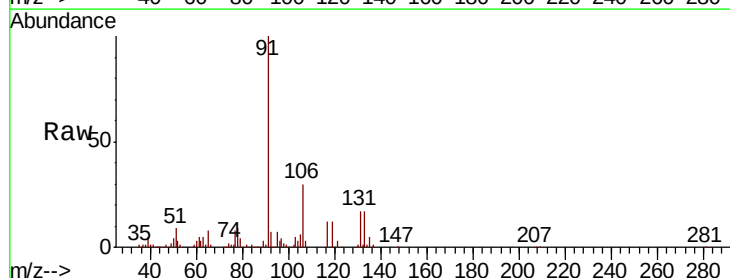
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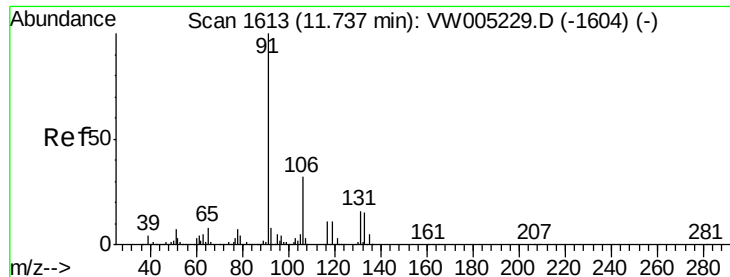
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.65 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:131 Resp: 21913
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 69.1 33.3 99.8





#67

Ethyl Benzene

Concen: 4.55 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 118567

Ion Ratio Lower Upper

91 100

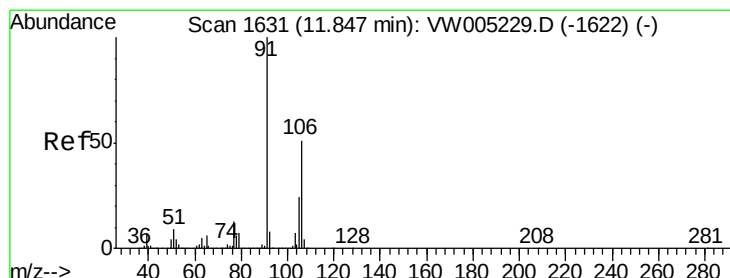
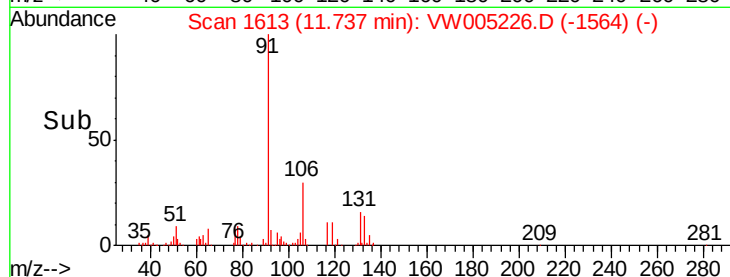
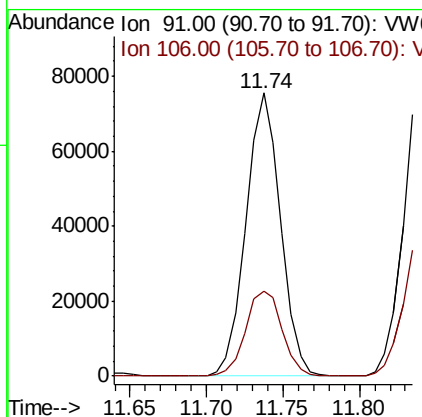
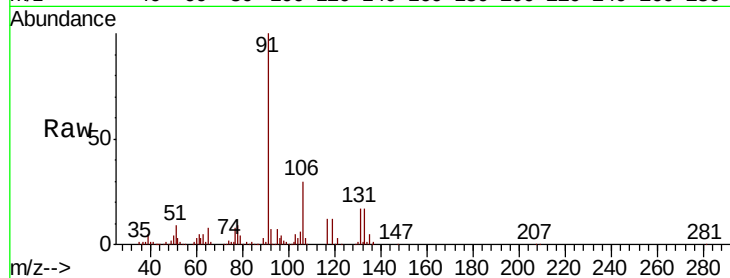
106 30.0 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 9.04 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005226.D

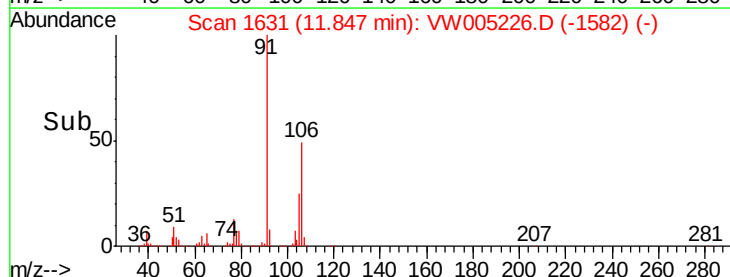
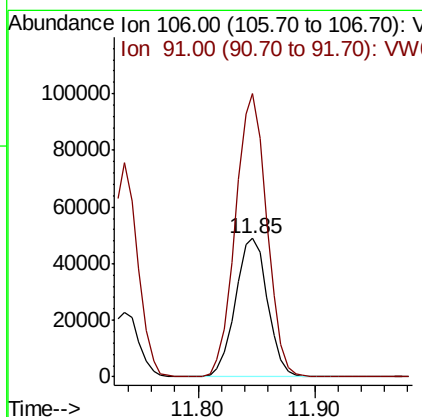
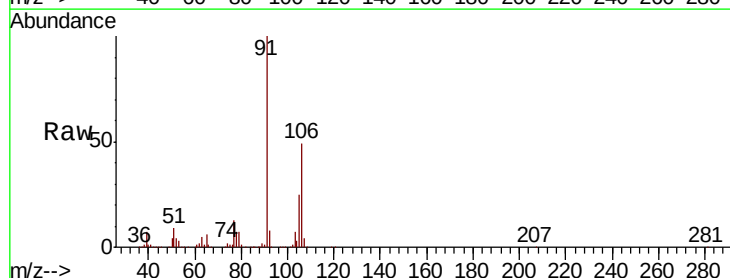
Acq: 07 Sep 2018 23:46

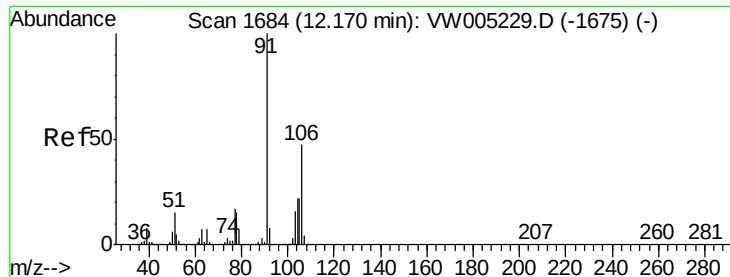
Tgt Ion:106 Resp: 94190

Ion Ratio Lower Upper

106 100

91 199.3 157.4 236.2





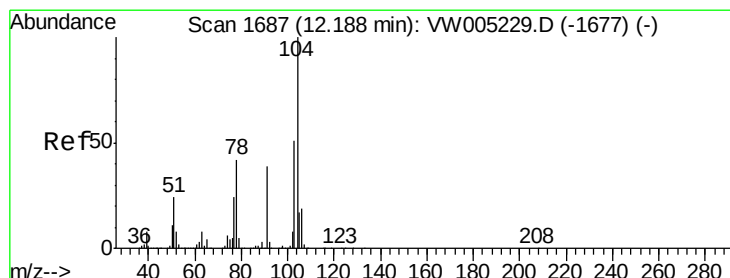
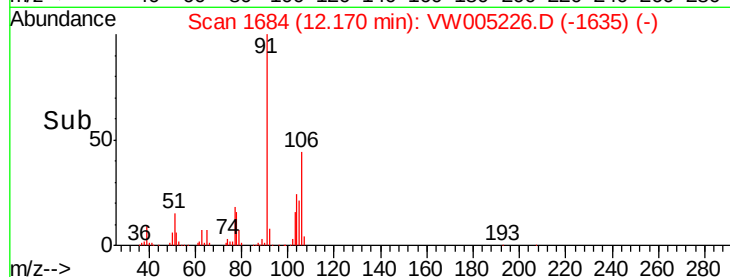
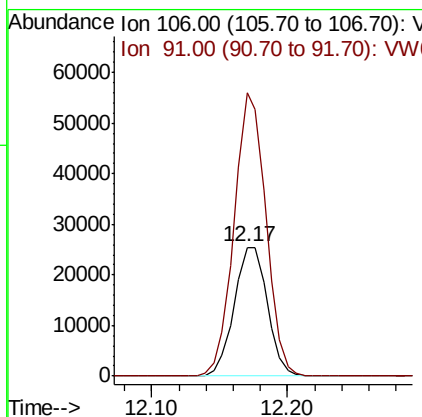
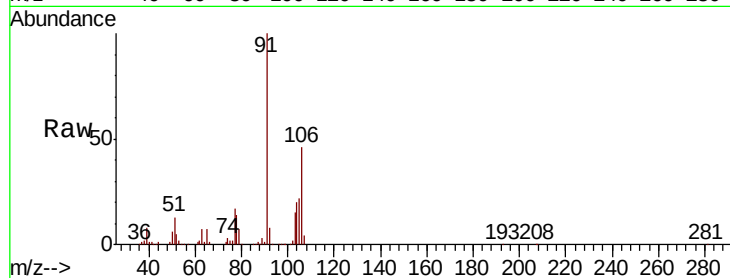
#69
o-Xylene
Concen: 4.49 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 43399
Ion Ratio Lower Upper
106 100
91 210.5 104.5 313.3

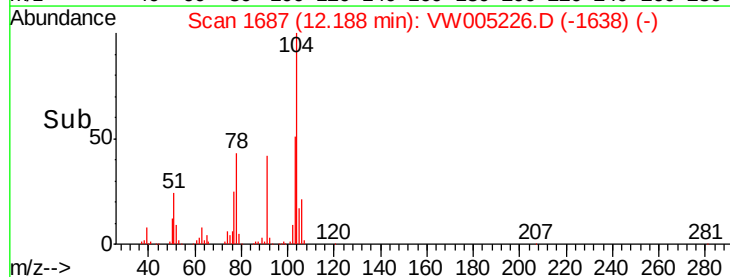
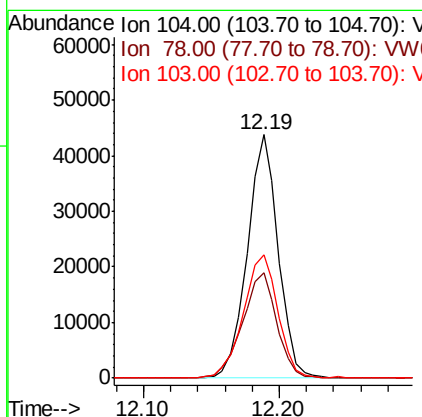
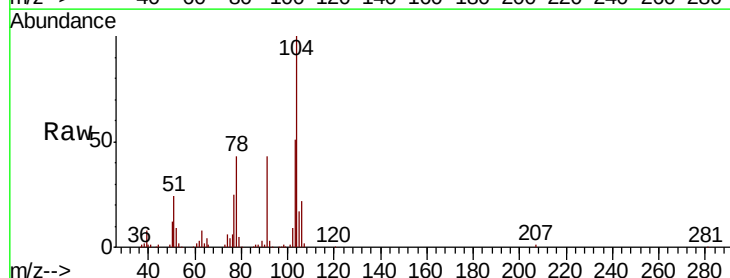
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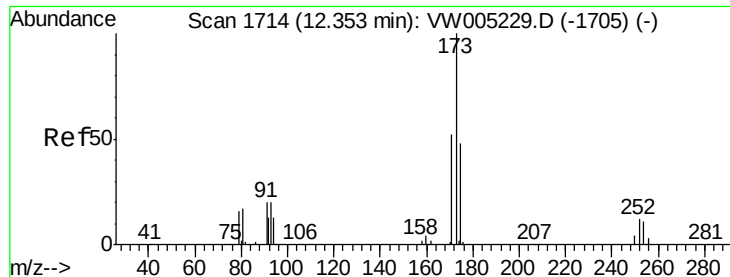
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#70
Styrene
Concen: 4.36 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:104 Resp: 69416
Ion Ratio Lower Upper
104 100
78 48.1 37.9 56.9
103 57.0 44.1 66.1





#71

Bromoform

Concen: 4.60 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11609

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

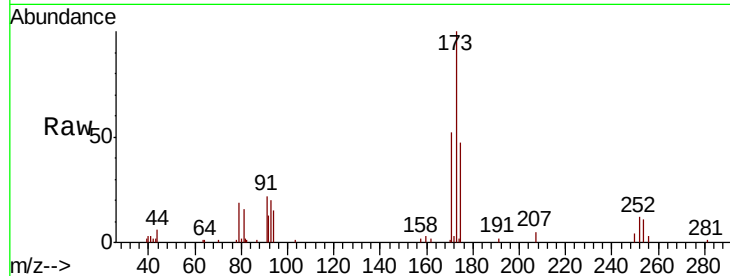
254 0.0 0.1 0.1#

Manual Integrations

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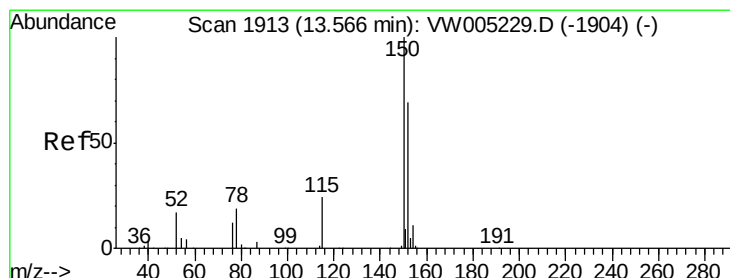
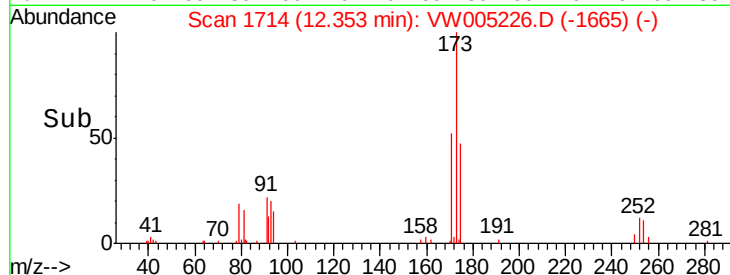
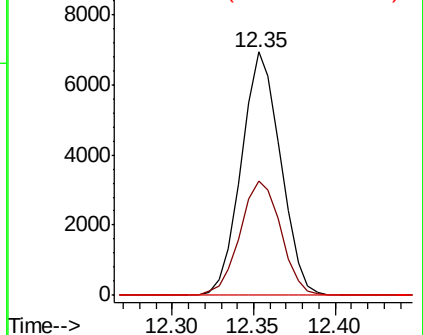
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1913

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

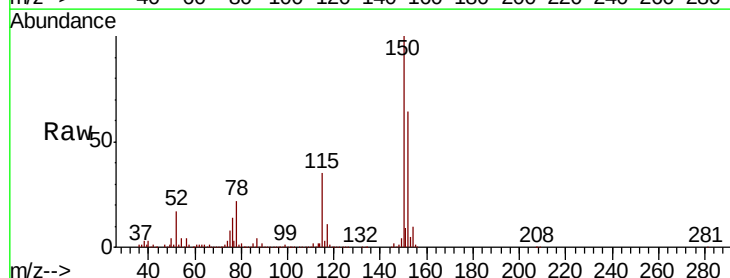
Tgt Ion:152 Resp: 382643

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.3

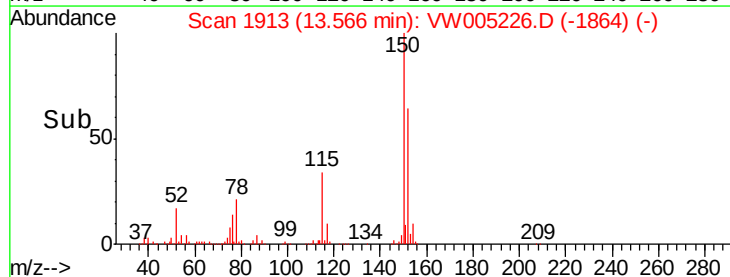
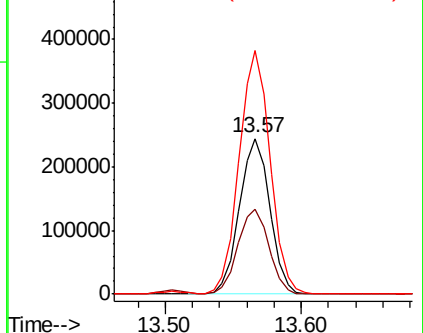
150 158.8 0.0 351.4

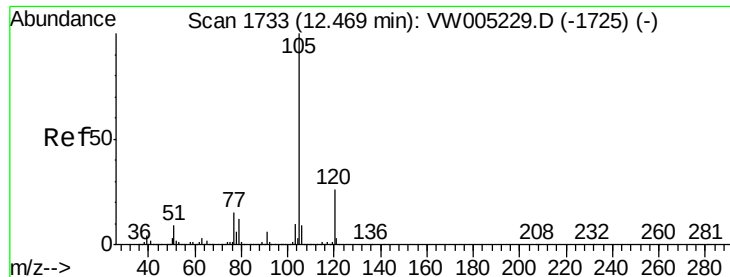


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





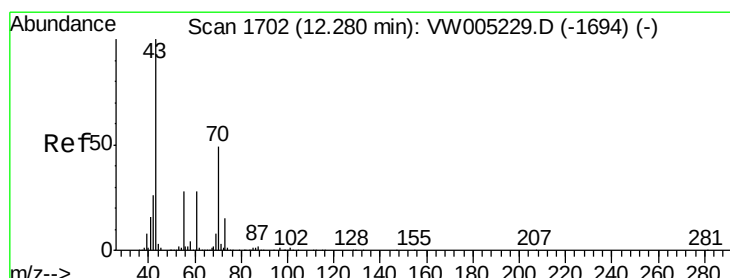
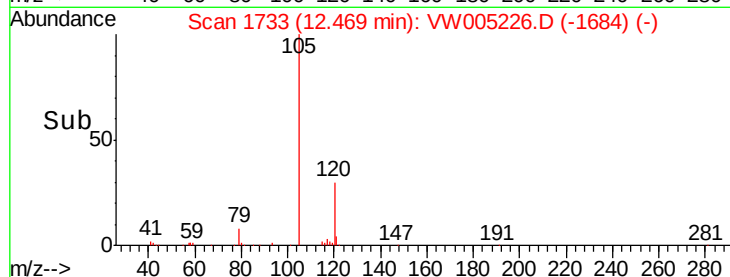
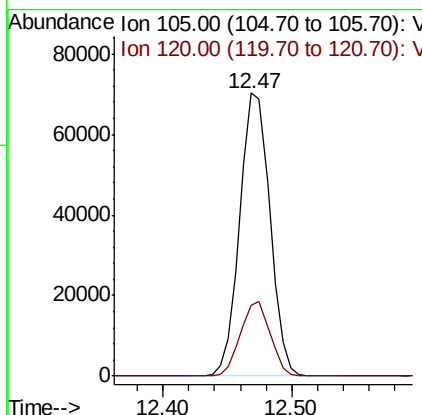
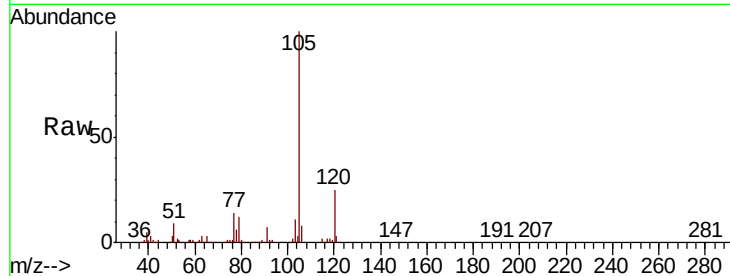
#73
Isopropylbenzene
Concen: 4.29 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.4	40.1

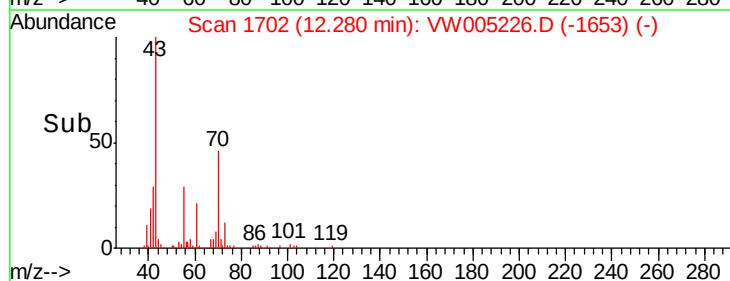
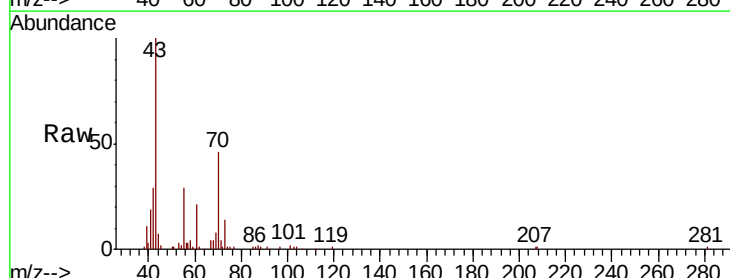
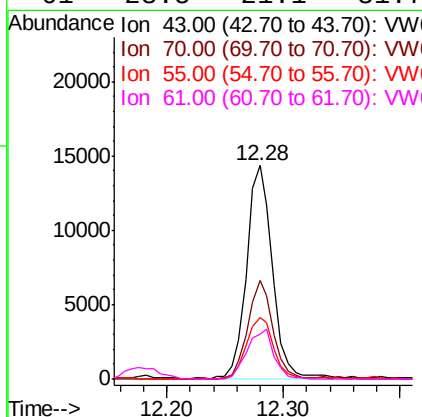
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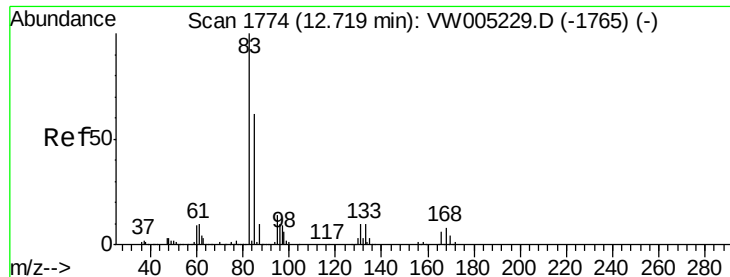
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#74
N-ethyl acetate
Concen: 4.74 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	38.3	57.5
55	30.4	22.5	33.7
61	23.5	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.03 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

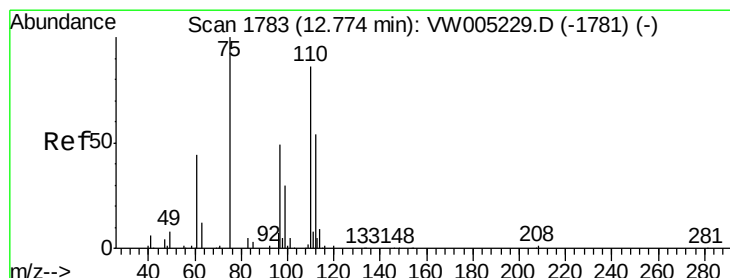
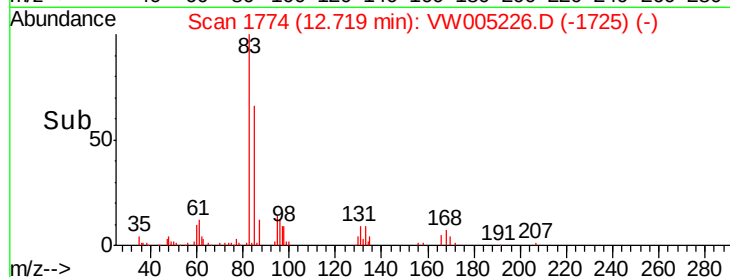
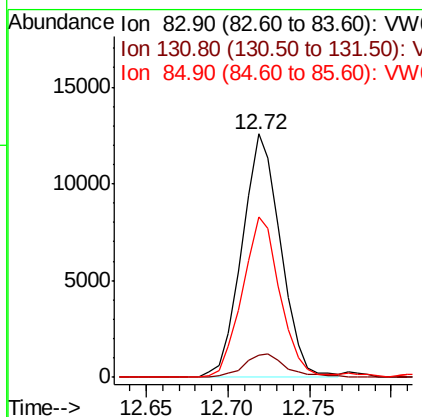
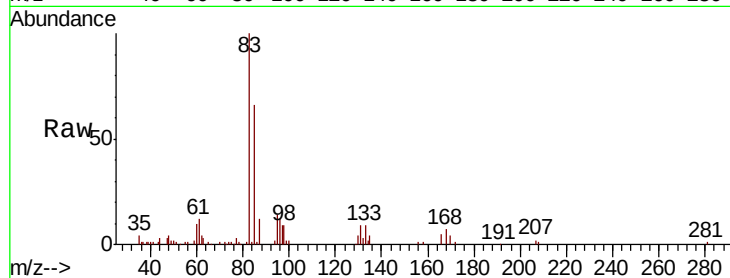
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20752
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	16.1
85	64.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 6.03 ug/l m

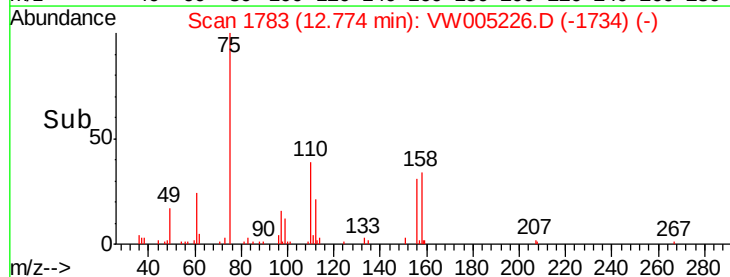
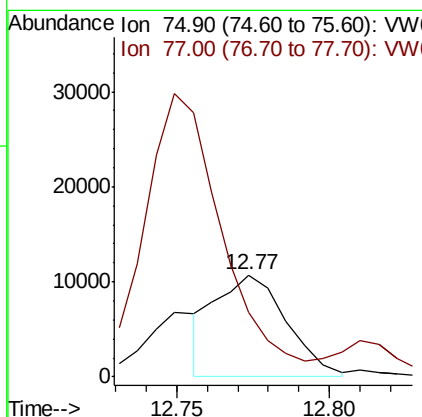
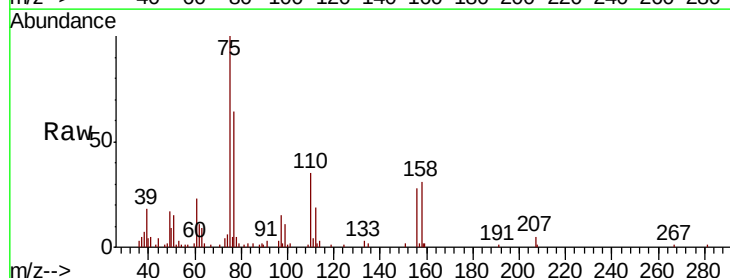
RT: 12.77 min Scan# 1783

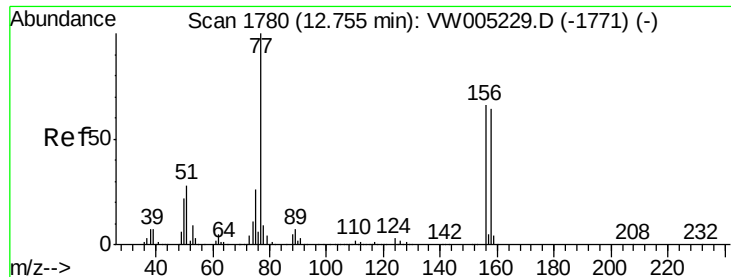
Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion:	75	Resp:	17476
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.72 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 31022

Ion Ratio Lower Upper

156 100

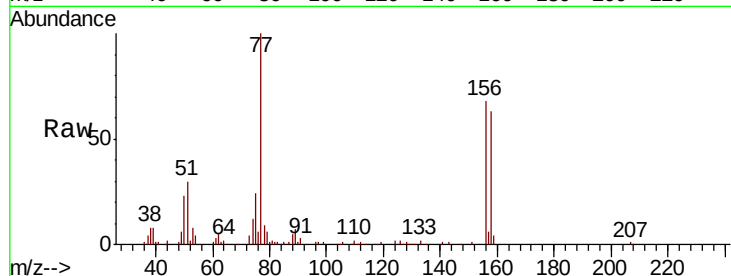
77 172.2 86.4 259.2

158 95.0 48.4 145.0

Manual Integrations
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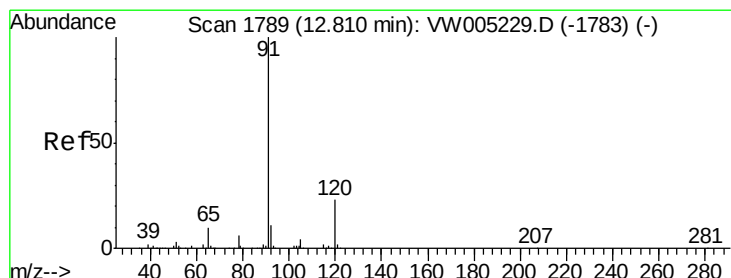
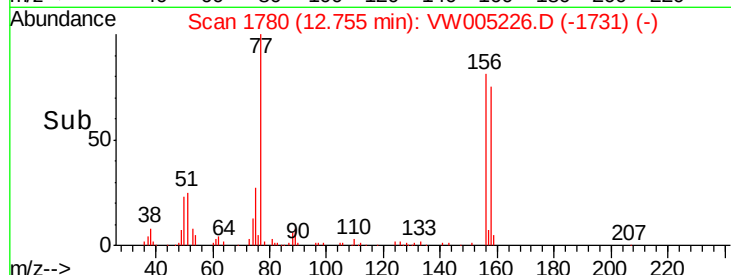
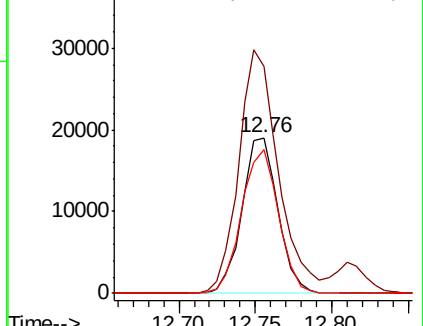
9/10/2018 10:41:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.34 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005226.D

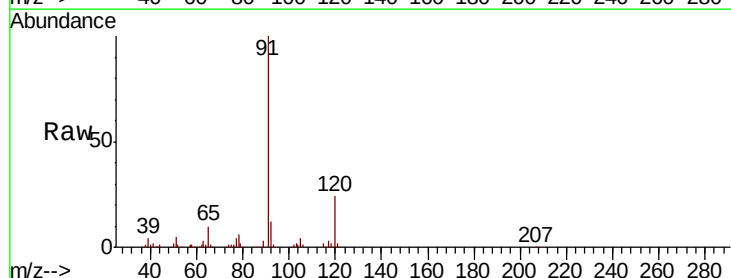
Acq: 07 Sep 2018 23:46

Tgt Ion: 91 Resp: 138909

Ion Ratio Lower Upper

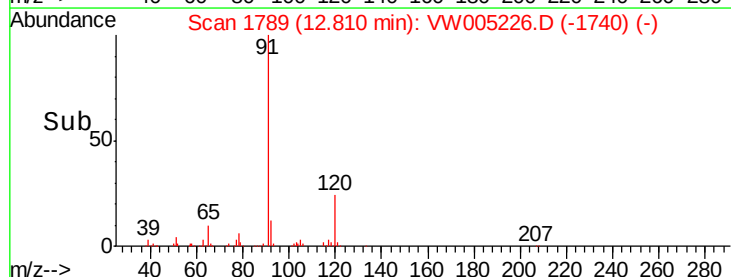
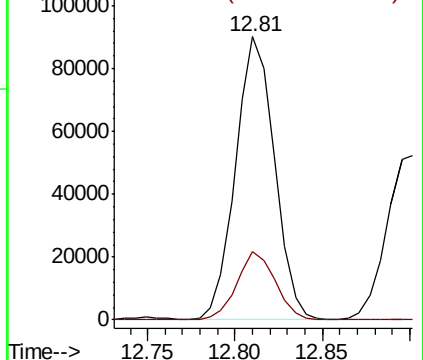
91 100

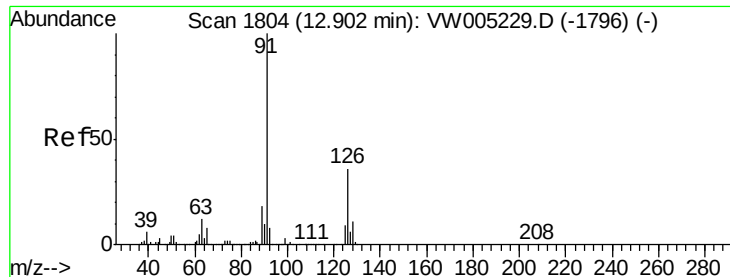
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.52 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 84624

Ion Ratio Lower Upper

91 100

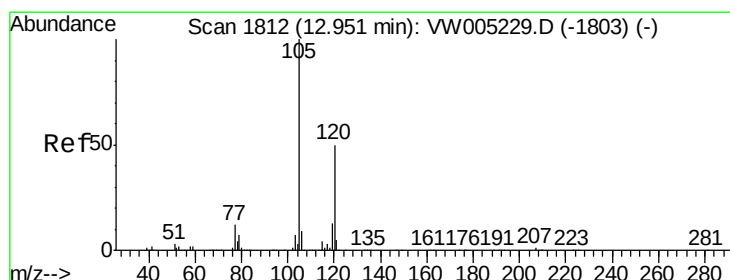
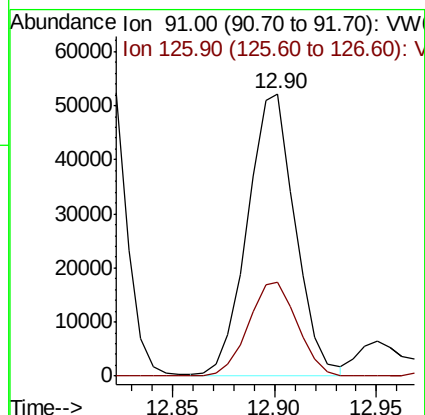
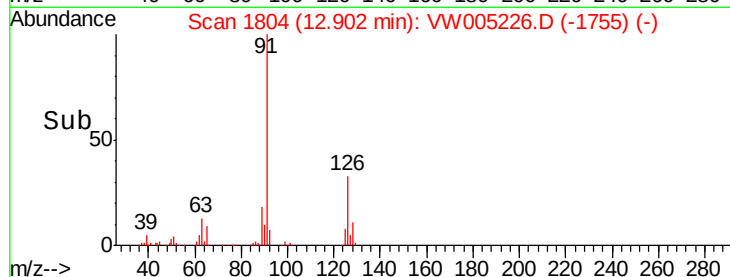
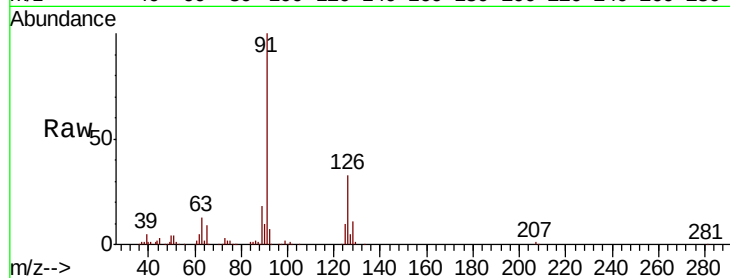
126 34.5 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.19 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005226.D

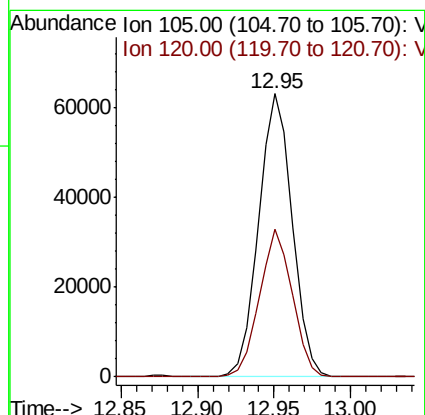
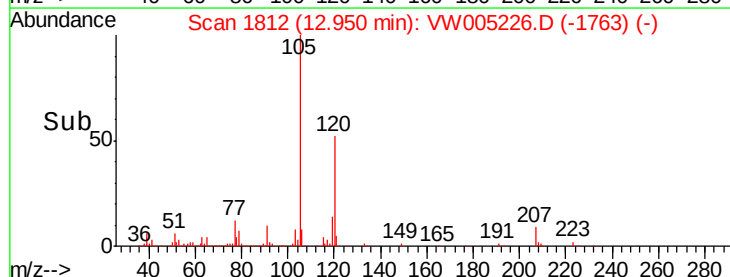
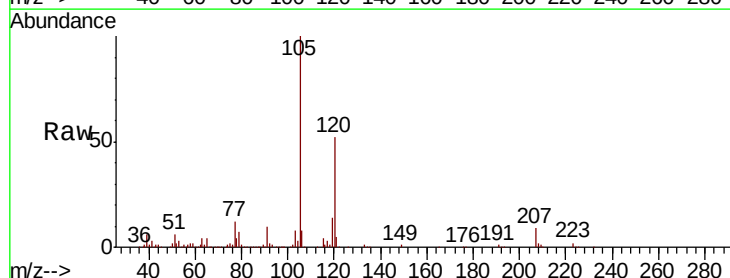
Acq: 07 Sep 2018 23:46

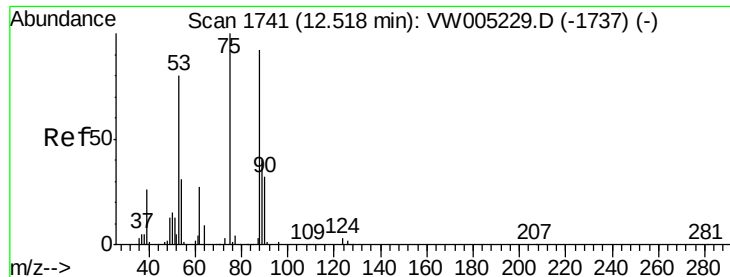
Tgt Ion: 105 Resp: 95928

Ion Ratio Lower Upper

105 100

120 51.5 25.3 75.8





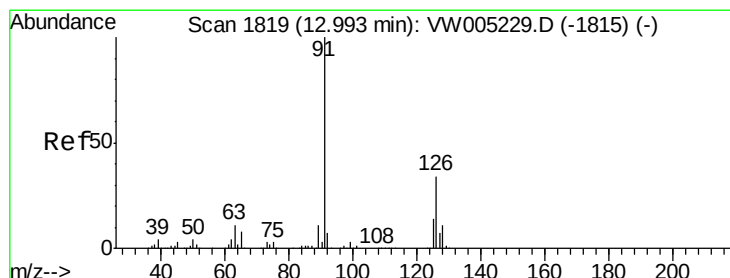
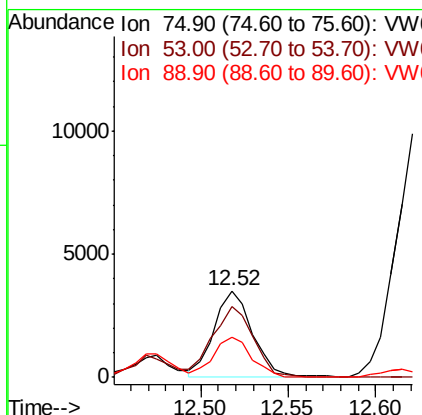
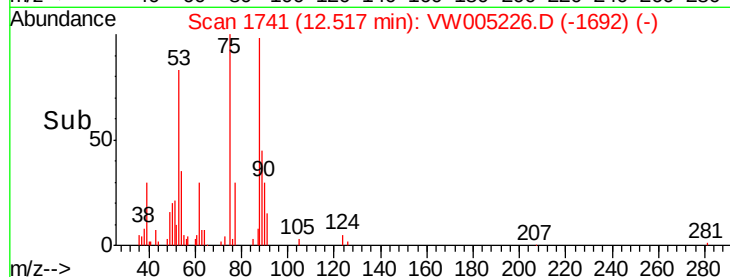
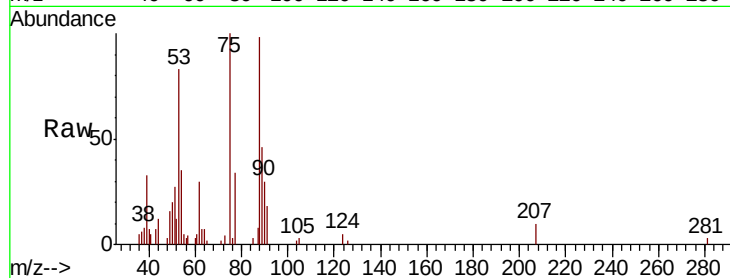
#81
trans-1,4-Dichloro-2-butene
Concen: 4.54 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.7	69.0	103.6
89	45.6	35.8	53.8

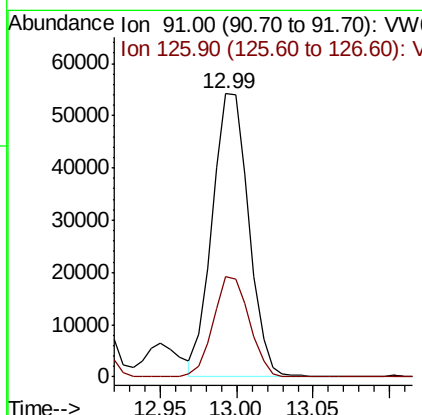
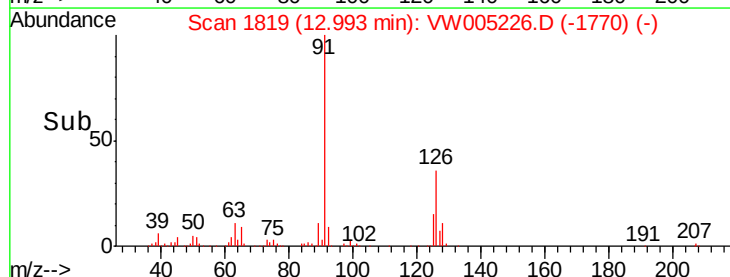
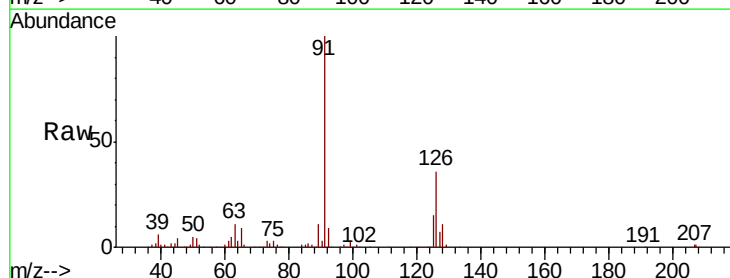
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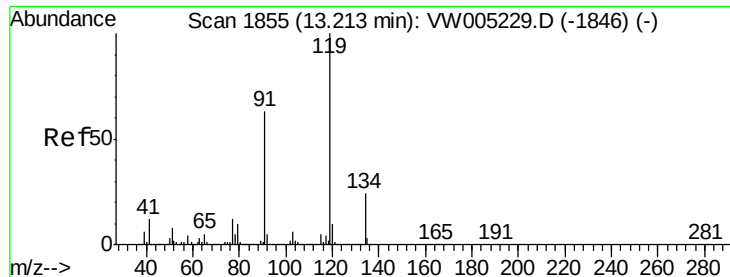
apatel
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#82
4-Chlorotoluene
Concen: 4.52 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.3	52.0





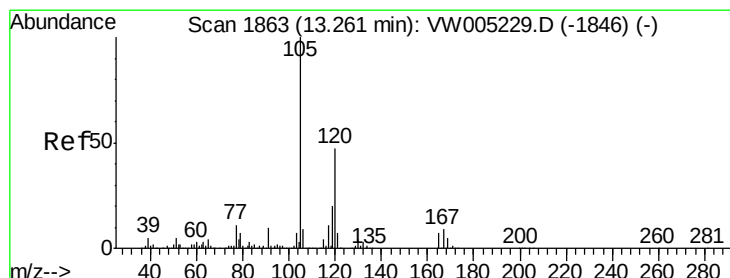
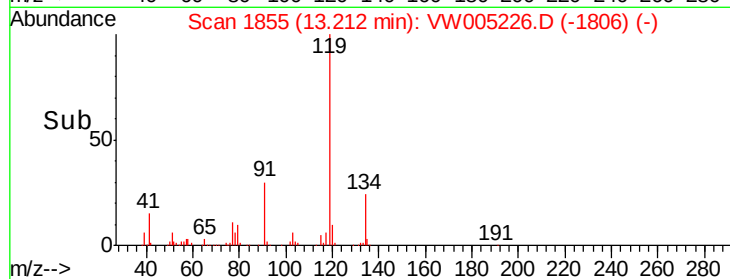
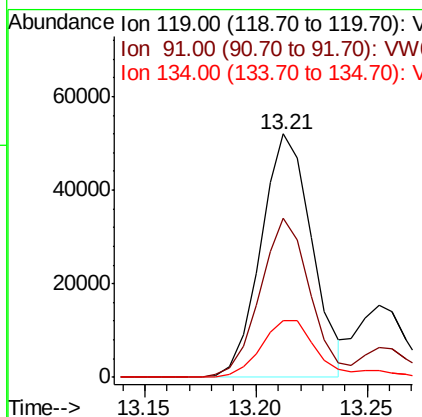
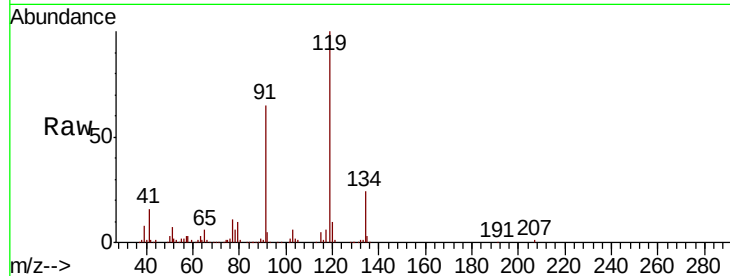
#83
 tert-Butylbenzene
 Concen: 4.29 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	119	Resp:	82780
Ion Ratio	Lower	Upper	
119	100		
91	64.6	30.8	92.3
134	26.9	12.7	38.0

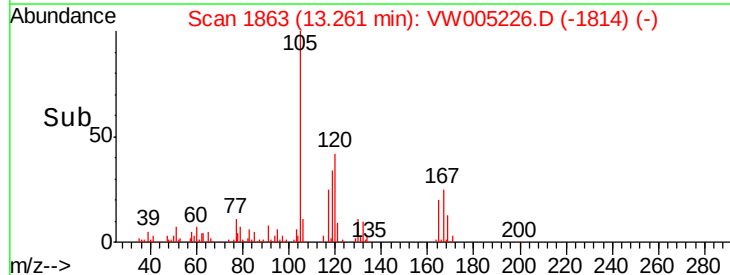
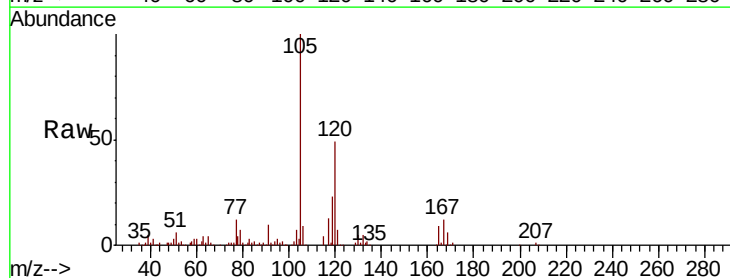
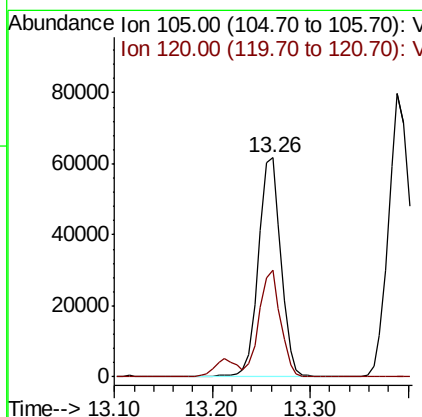
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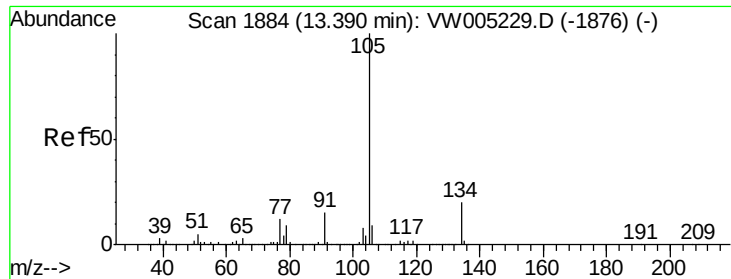
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.25 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion:	105	Resp:	98932
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.2	69.6





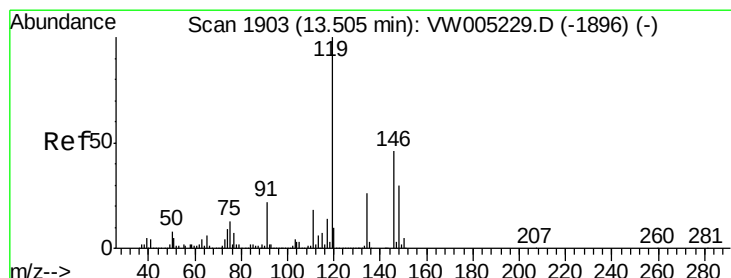
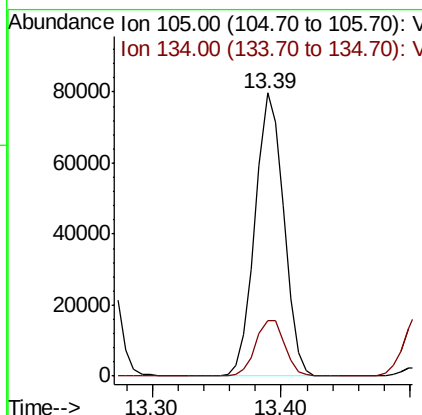
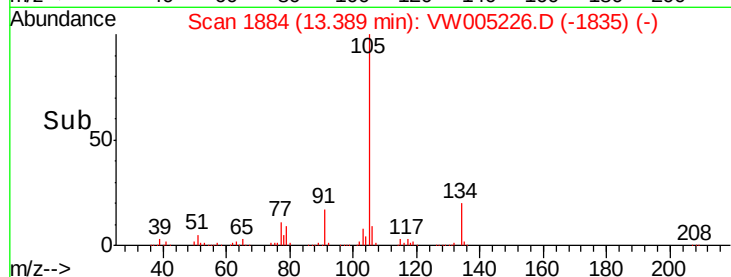
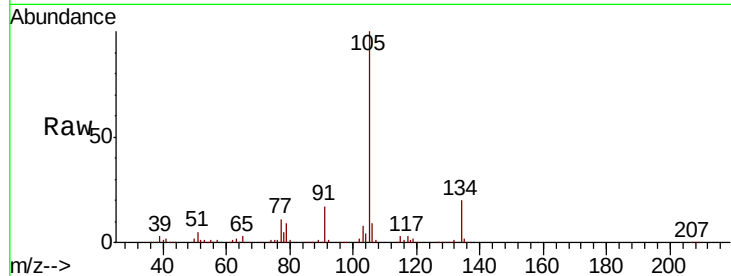
#85
 sec-Butylbenzene
 Concen: 4.35 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

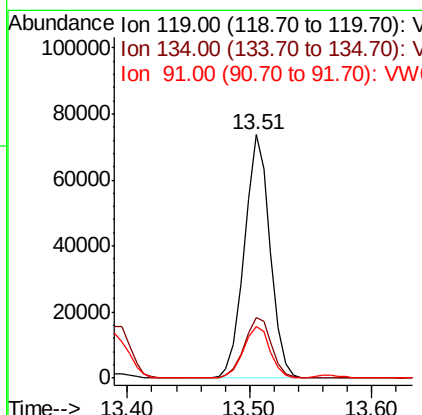
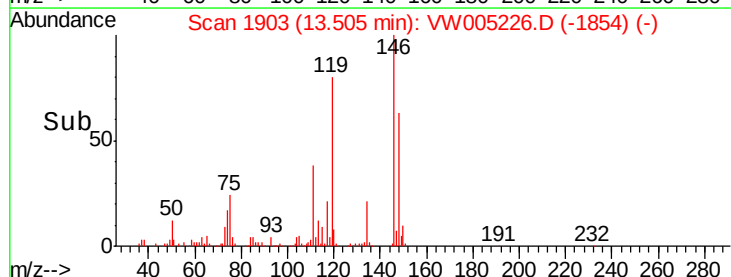
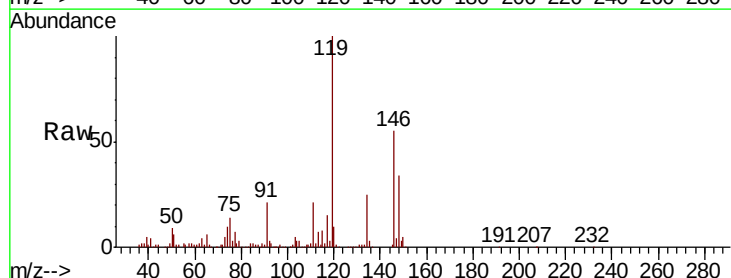
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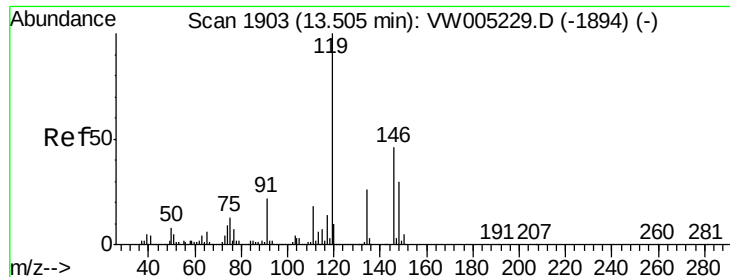
apatel
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#86
 p-Isopropyltoluene
 Concen: 4.30 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	22.5	10.9	32.7





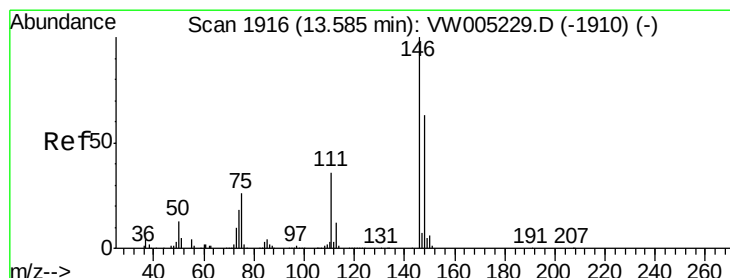
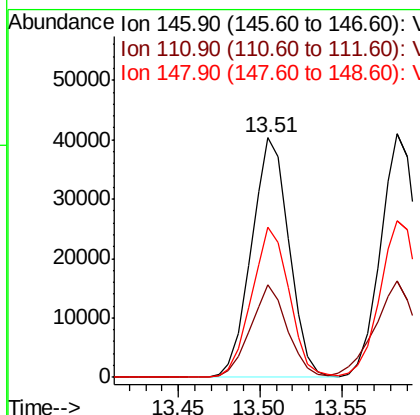
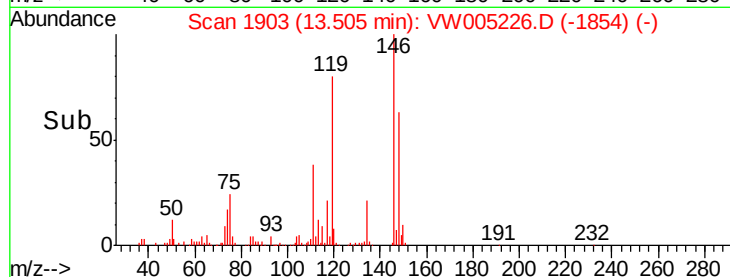
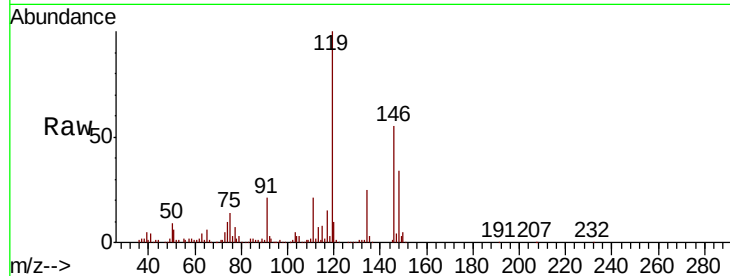
#87
 1,3-Dichlorobenzene
 Concen: 4.80 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.8
148	62.8	32.0	96.2

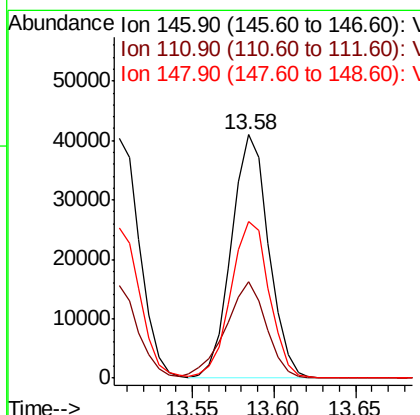
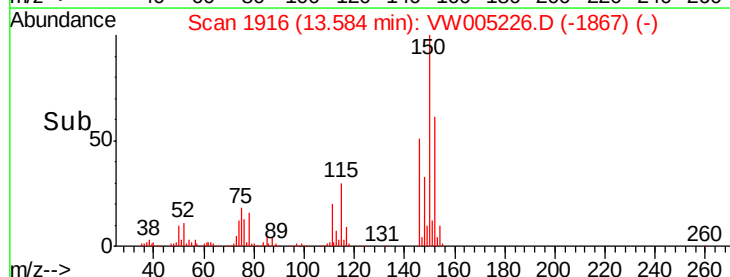
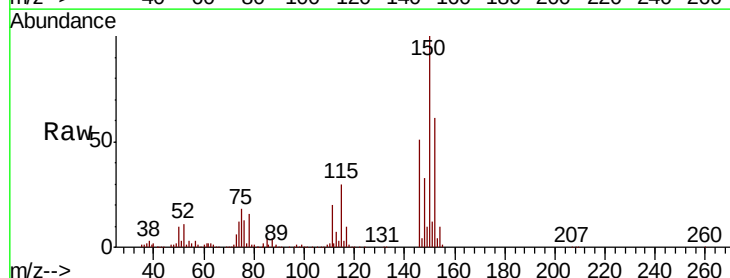
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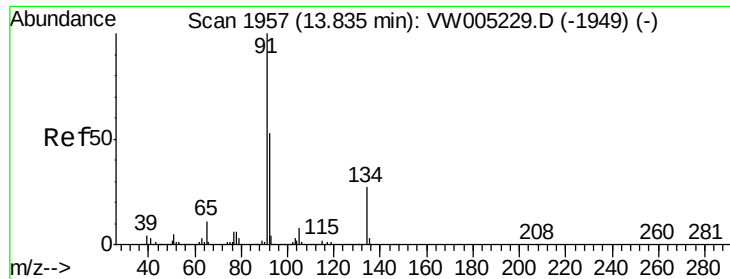
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#88
 1,4-Dichlorobenzene
 Concen: 4.88 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	18.6	56.0
148	66.7	32.0	96.0





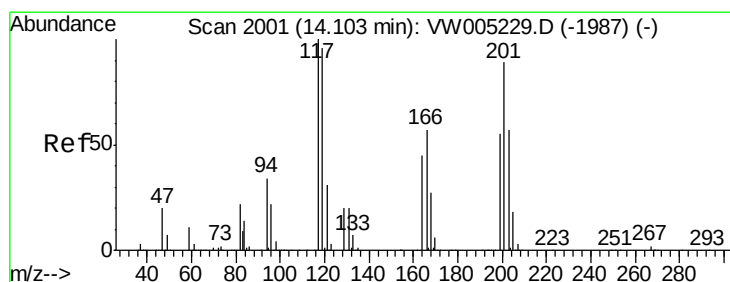
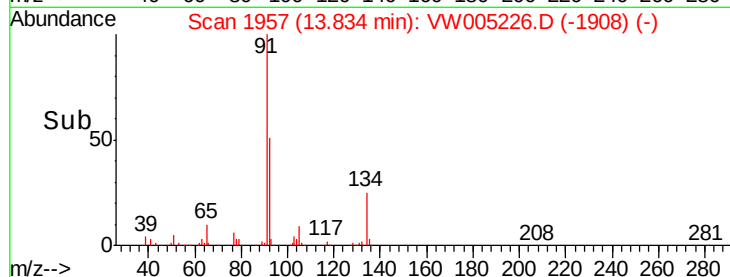
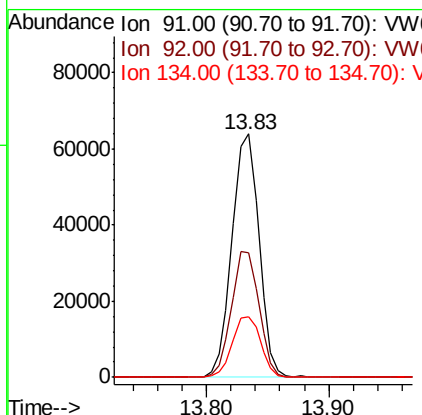
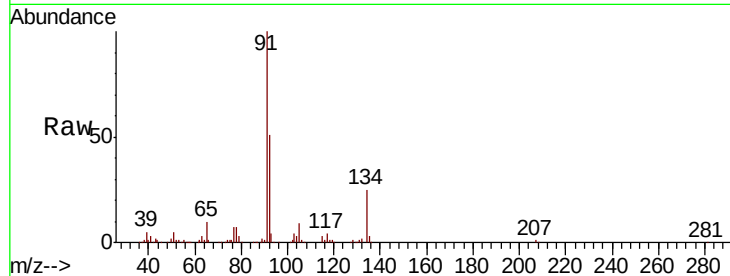
#89
n-Butylbenzene
Concen: 4.26 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.7	80.0
134	26.0	13.5	40.4

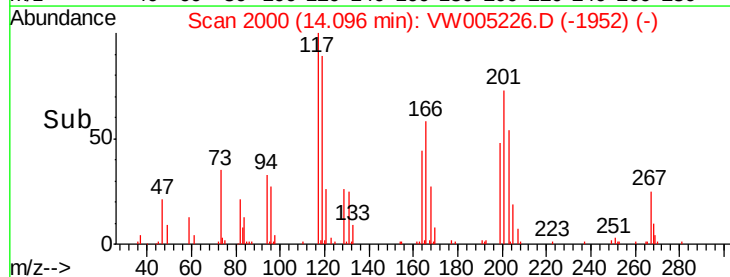
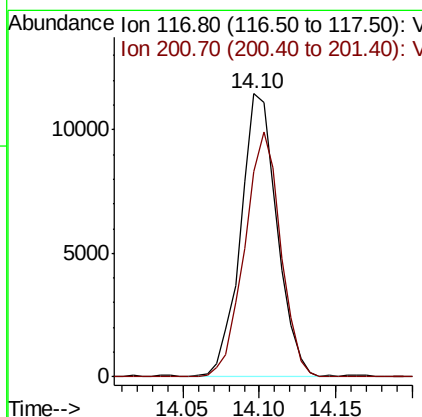
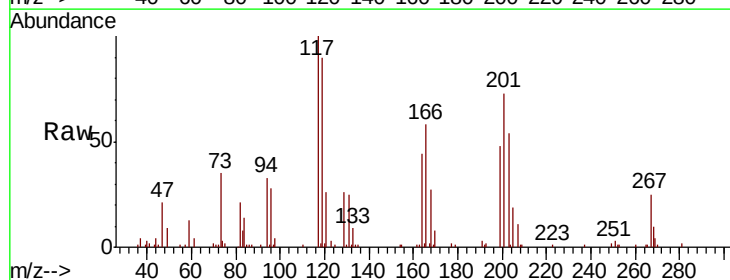
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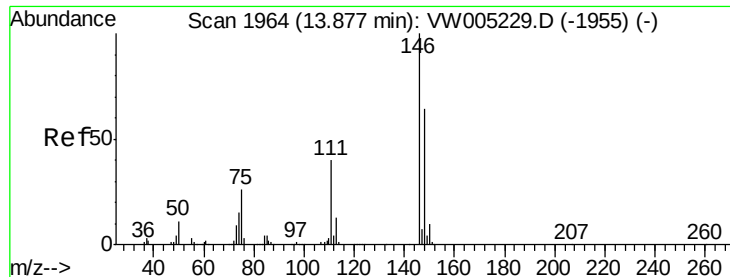
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#90
Hexachloroethane
Concen: 4.56 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	44.8	134.4





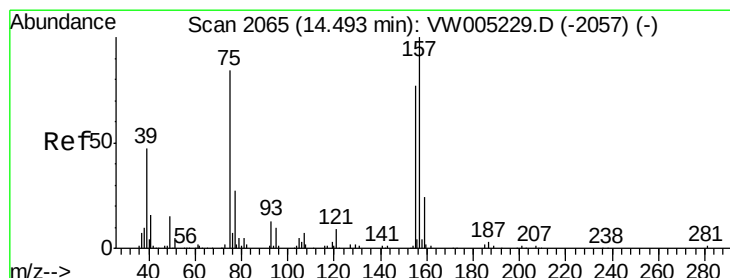
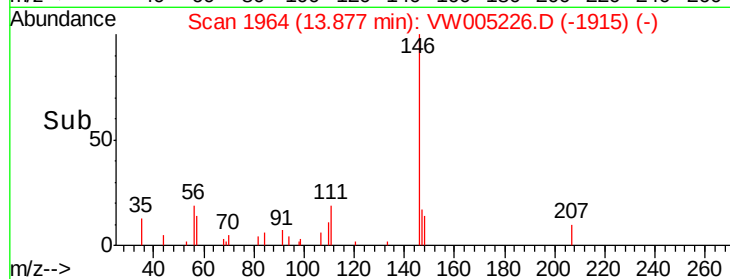
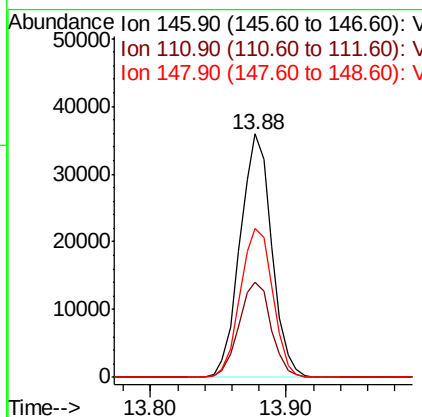
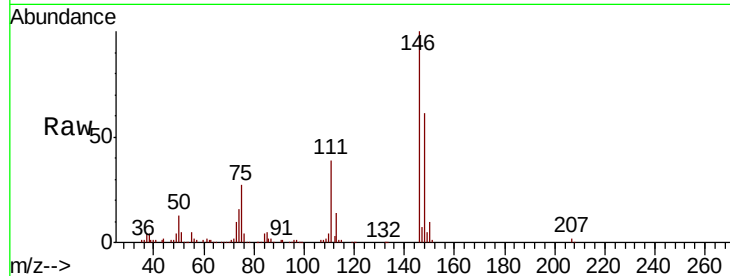
#91
 1,2-Dichlorobenzene
 Concen: 4.94 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	63.3	32.0	96.2

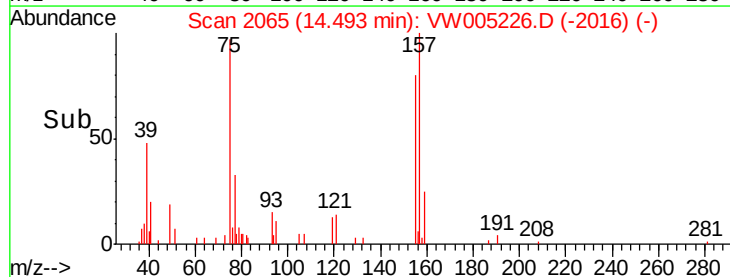
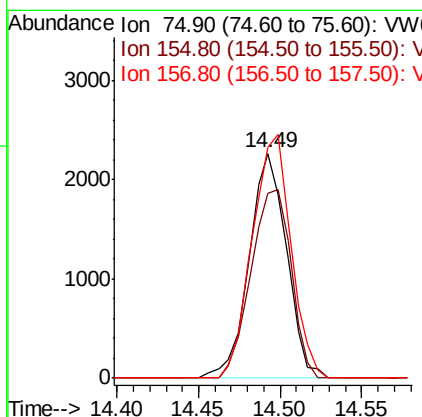
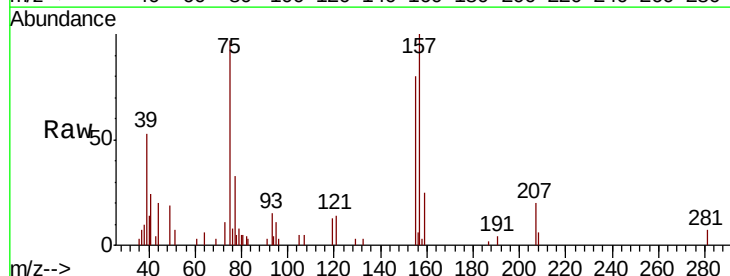
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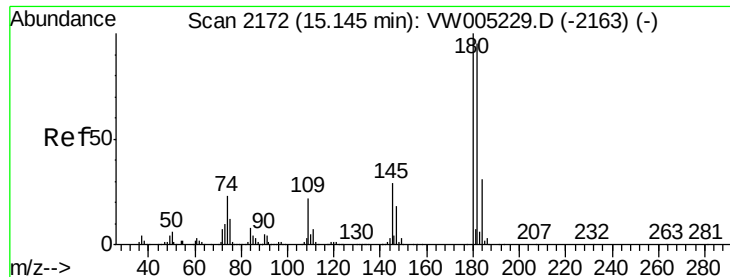
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.53 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	45.6	136.9
157	111.9	59.6	178.7





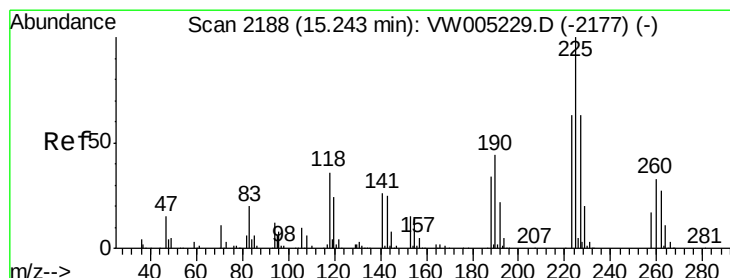
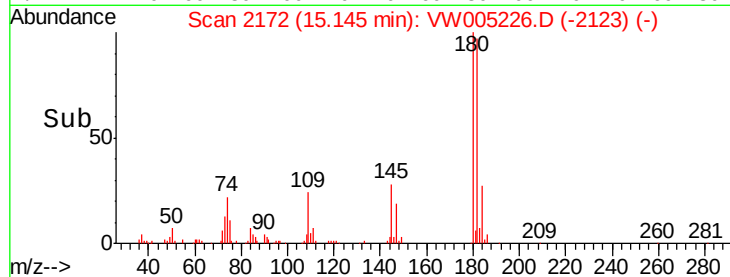
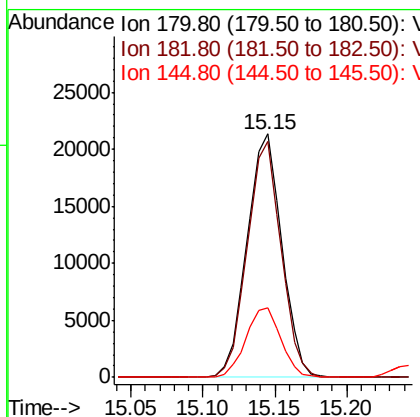
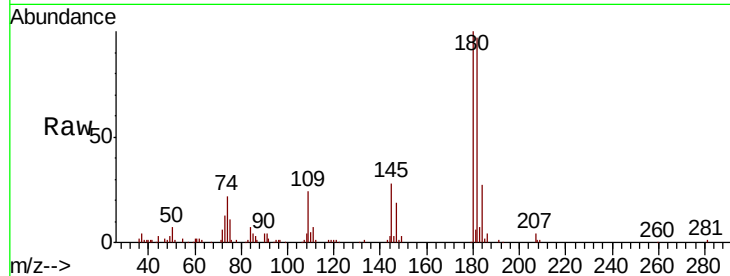
#93
 1,2,4-Trichlorobenzene
 Concen: 4.51 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	47.9	143.8	
145	28.8	14.5	43.6	

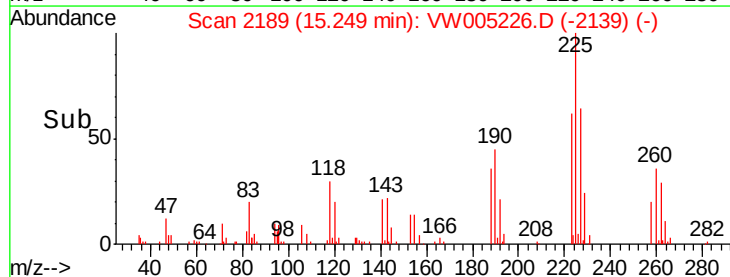
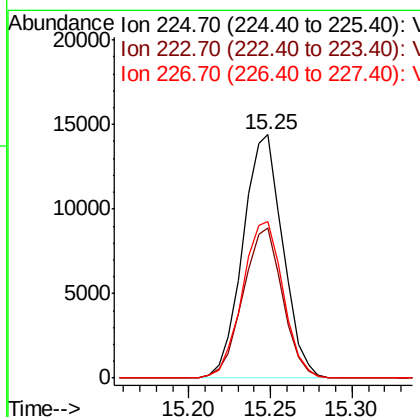
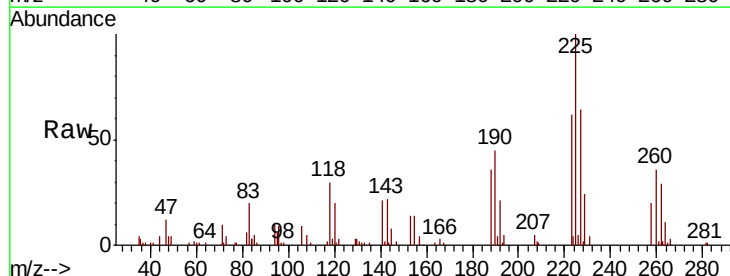
Manual Integrations
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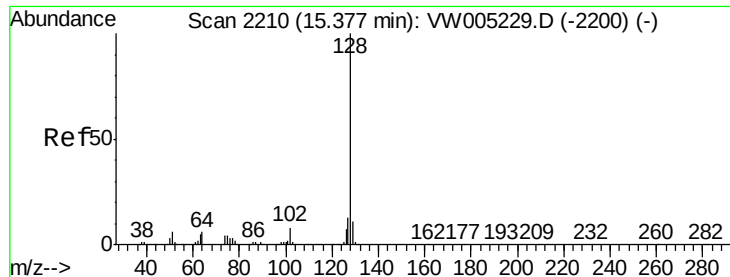
apatel
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#94
 Hexachlorobutadiene
 Concen: 4.98 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.4	94.2	
227	65.4	31.9	95.9	





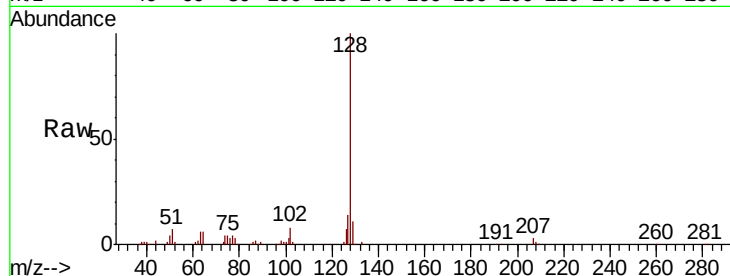
#95
Naphthalene
Concen: 4.28 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
128	100	53357		
127	13.8		10.4	15.6
129	10.9		8.8	13.2

Manual Integrations
APPROVED

apatel
9/10/2018 10:41:59 AM

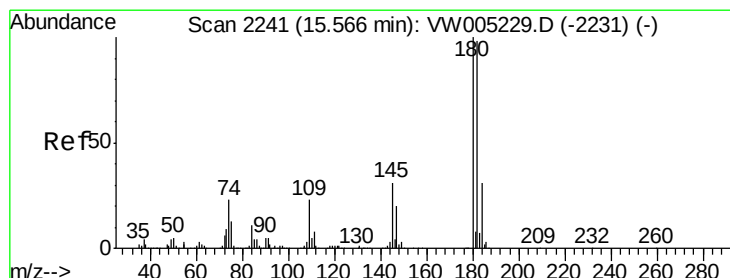
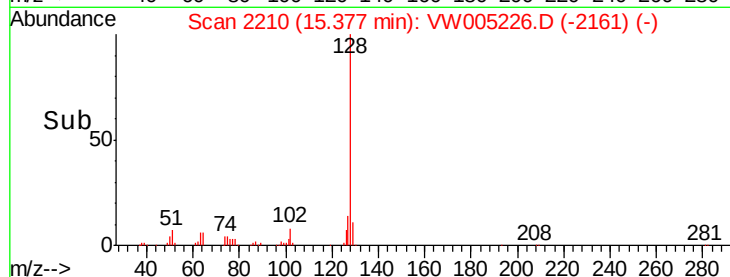
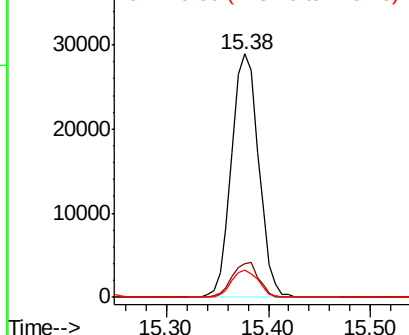


Abundance

Ion 128.00 (127.70 to 128.70): V

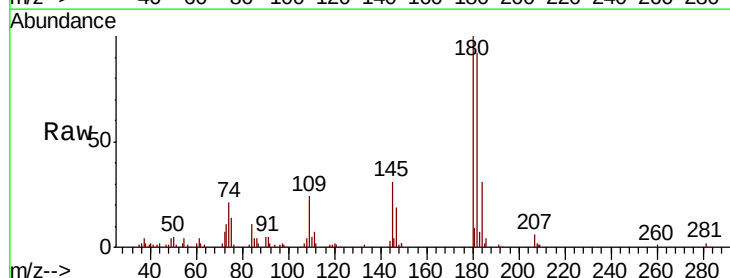
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.69 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	31707		
182	96.0		48.3	144.9
145	31.0		15.3	45.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

