

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005227.D
 Acq On : 08 Sep 2018 00:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:03 AM

Quant Time: Sep 08 03:39:36 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	460056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	681912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	691833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38404	10.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.14%	
35) Dibromofluoromethane	7.89	113	36576	9.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.68%	
50) Toluene-d8	10.33	98	180440	9.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.86%	
62) 4-Bromofluorobenzene	12.63	95	67211	10.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45483	12.31	ug/l	94
3) Chloromethane	2.21	50	62464	11.79	ug/l	100
4) Vinyl Chloride	2.36	62	53373	10.42	ug/l	97
5) Bromomethane	2.76	94	38913	11.04	ug/l	95
6) Chloroethane	2.92	64	31293	9.93	ug/l	99
7) Trichlorofluoromethane	3.26	101	55259	9.60	ug/l	98
8) Diethyl Ether	3.70	74	21091	10.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39489	9.95	ug/l	99
10) Methyl Iodide	4.28	142	33753	6.69	ug/l	99
11) Tert butyl alcohol	5.17	59	15922	57.37	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	35748	9.78	ug/l	94
13) Acrolein	3.90	56	13912	55.18	ug/l	96
14) Allyl chloride	4.68	41	54723	9.59	ug/l	99
15) Acrylonitrile	5.37	53	48099	53.44	ug/l	99
16) Acetone	4.13	43	33664	45.14	ug/l	99
17) Carbon Disulfide	4.38	76	121273	9.49	ug/l	100
18) Methyl Acetate	4.68	43	21486	9.67	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89040	9.95	ug/l	95
20) Methylene Chloride	4.92	84	82205	13.18	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	42372	9.53	ug/l	96
22) Diisopropyl ether	6.32	45	118703	9.87	ug/l	99
23) Vinyl Acetate	6.26	43	311932	49.11	ug/l	99
24) 1,1-Dichloroethane	6.23	63	72675	9.70	ug/l	100
25) 2-Butanone	7.18	43	54019	42.15	ug/l	93
26) 2,2-Dichloropropane	7.17	77	58023	9.49	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	47432	9.77	ug/l	100
28) Bromochloromethane	7.52	49	27860	9.26	ug/l	99
29) Tetrahydrofuran	7.54	42	36947	54.40	ug/l	97
30) Chloroform	7.68	83	74129	9.70	ug/l	96
31) Cyclohexane	7.96	56	72750	9.83	ug/l #	86
32) 1,1,1-Trichloroethane	7.88	97	65004	9.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	59510	9.34	ug/l	99
37) Ethyl Acetate	7.27	43	26055	10.76	ug/l	99
38) Carbon Tetrachloride	8.08	117	56829	9.41	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73113	9.44	ug/l	93
40) Benzene	8.33	78	189959	9.73	ug/l	99
41) Methacrylonitrile	7.49	41	12456	8.98	ug/l	91
42) 1,2-Dichloroethane	8.41	62	47007	9.85	ug/l	98
43) Isopropyl Acetate	8.43	43	46357	10.49	ug/l	99
44) Trichloroethene	9.10	130	50719	9.64	ug/l	89
45) 1,2-Dichloropropane	9.37	63	43400	9.12	ug/l	99
46) Dibromomethane	9.46	93	20830	9.16	ug/l	98
47) Bromodichloromethane	9.65	83	51922	9.08	ug/l	95
48) Methyl methacrylate	9.45	41	21998	10.18	ug/l	93
49) 1,4-Dioxane	9.45	88	8106	216.86	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	125020	43.70	ug/l	99
52) Toluene	10.40	92	134308	10.15	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53102	9.38	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	63936	9.34	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	35249	9.96	ug/l	97
56) Ethyl methacrylate	10.65	69	42252	10.27	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58775	10.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93540	48.79	ug/l	100
59) 2-Hexanone	10.98	43	86070	44.28	ug/l	98
60) Dibromochloromethane	11.13	129	37572	9.38	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32683	10.16	ug/l	97
64) Tetrachloroethene	10.87	164	53058	9.82	ug/l	98
65) Chlorobenzene	11.66	112	151668	9.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	44355	9.46	ug/l	99
67) Ethyl Benzene	11.74	91	250632	9.68	ug/l	100
68) m/p-Xylenes	11.85	106	202679	19.57	ug/l	99
69) o-Xylene	12.17	106	94512	9.83	ug/l	98
70) Styrene	12.19	104	155337	9.81	ug/l	99
71) Bromoform	12.35	173	24062	9.59	ug/l	# 100
73) Isopropylbenzene	12.47	105	247043	9.56	ug/l	100
74) N-amyl acetate	12.28	43	48392	10.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41297	10.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29123m	10.34	ug/l	
77) Bromobenzene	12.76	156	62747	9.83	ug/l	98
78) n-propylbenzene	12.81	91	296910	9.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	179690	9.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	213531	9.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11183	9.66	ug/l	97
82) 4-Chlorotoluene	12.99	91	187782	9.77	ug/l	99
83) tert-Butylbenzene	13.21	119	176187	9.40	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	215627	9.52	ug/l	98
85) sec-Butylbenzene	13.39	105	264009	9.64	ug/l	100
86) p-Isopropyltoluene	13.51	119	228999	9.45	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131014	10.01	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129868	9.99	ug/l	98
89) n-Butylbenzene	13.83	91	205697	9.18	ug/l	99
90) Hexachloroethane	14.10	117	38340	9.48	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119010	10.39	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6816	10.74	ug/l	98

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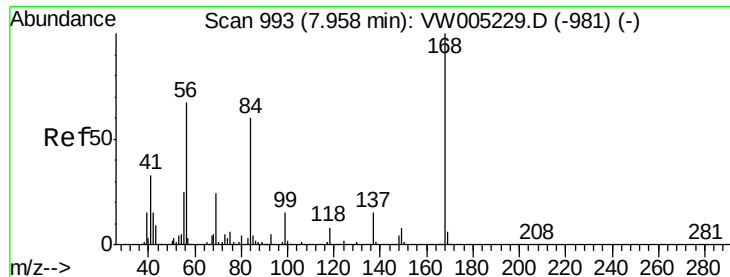
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73304	9.59	ug/l	100
94) Hexachlorobutadiene	15.24	225	49820	10.41	ug/l	99
95) Naphthalene	15.38	128	116645	9.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67426	10.26	ug/l	100

(#) = 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: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 460056

Ion Ratio Lower Upper

168 100

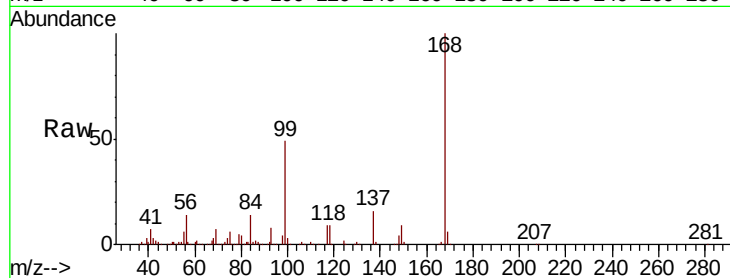
99 49.3 39.4 59.2

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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

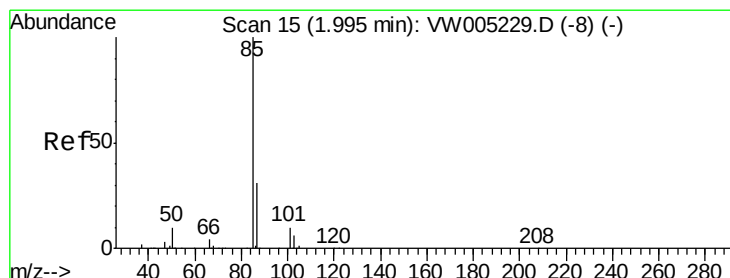
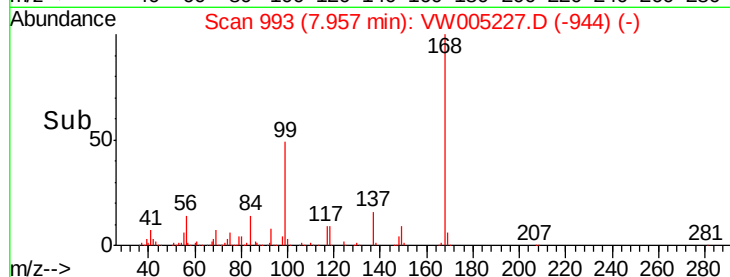
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50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 12.31 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005227.D

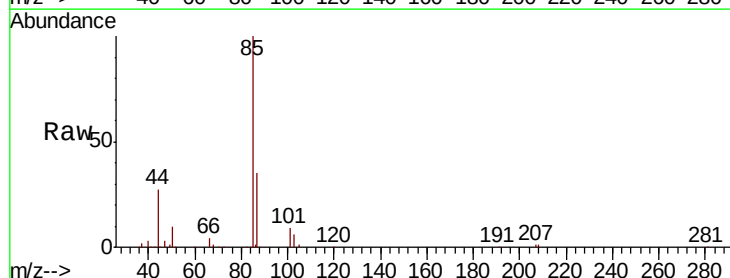
Acq: 08 Sep 2018 00:12

Tgt Ion: 85 Resp: 45483

Ion Ratio Lower Upper

85 100

87 34.7 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

30000

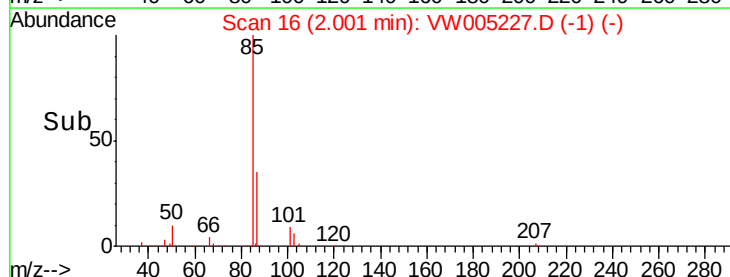
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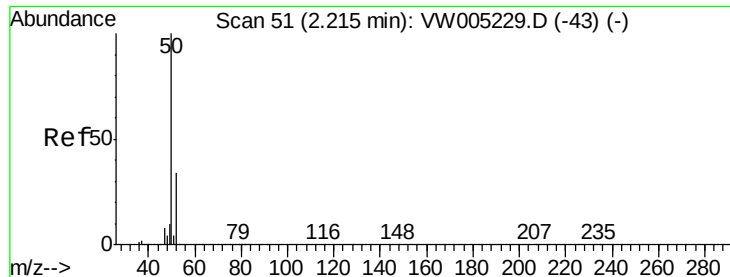
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 11.79 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 62464

Ion Ratio Lower Upper

50 100

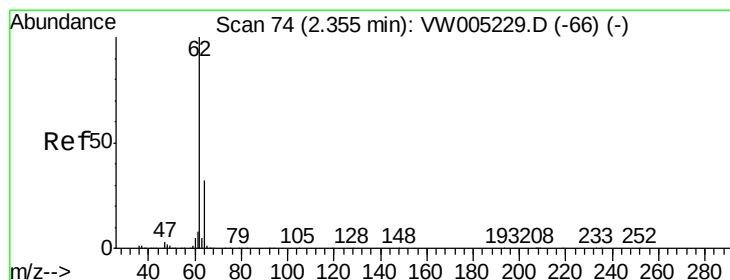
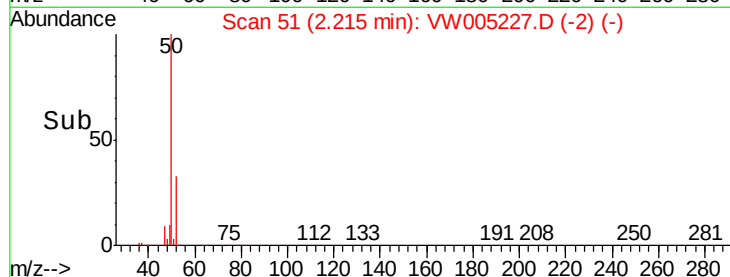
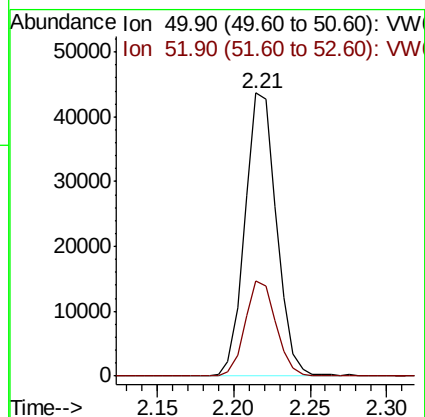
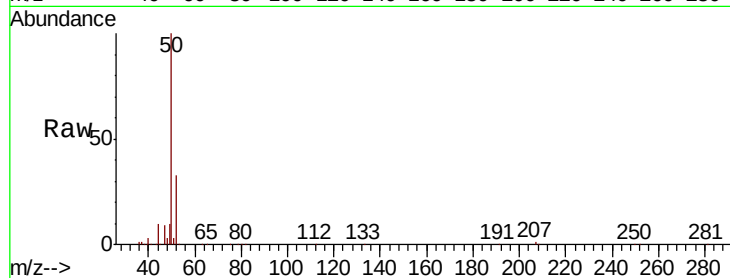
52 33.4 26.9 40.3

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#4

Vinyl Chloride

Concen: 10.42 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005227.D

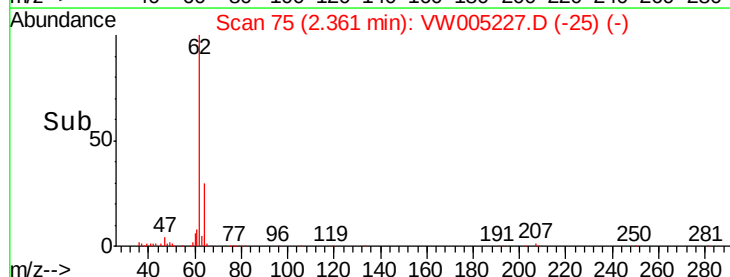
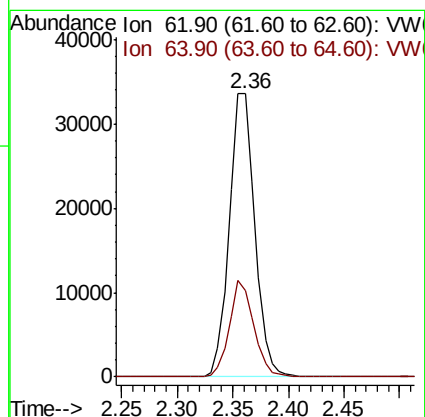
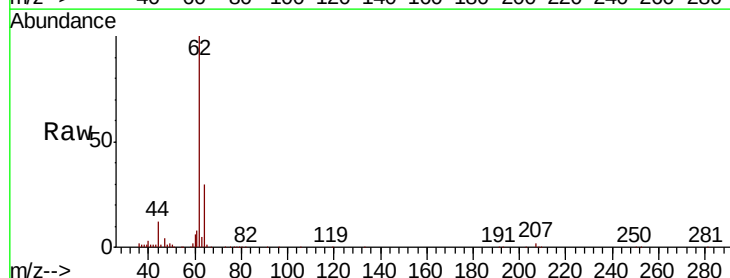
Acq: 08 Sep 2018 00:12

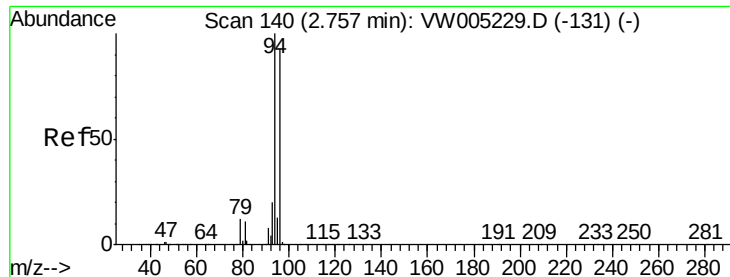
Tgt Ion: 62 Resp: 53373

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.0





#5

Bromomethane

Concen: 11.04 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 38913

Ion Ratio Lower Upper

94 100

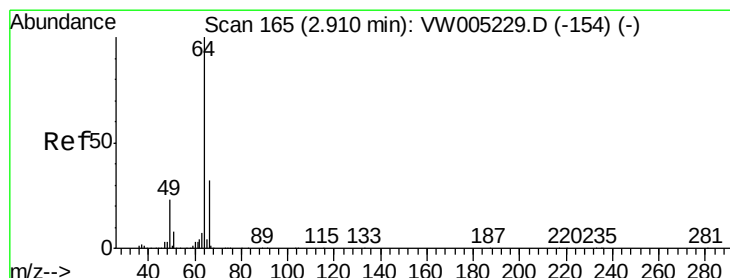
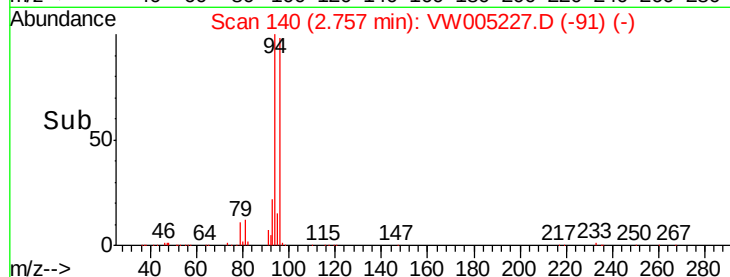
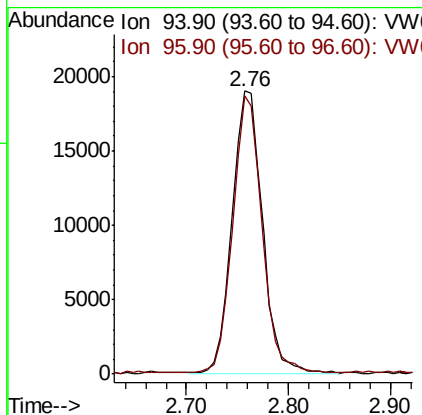
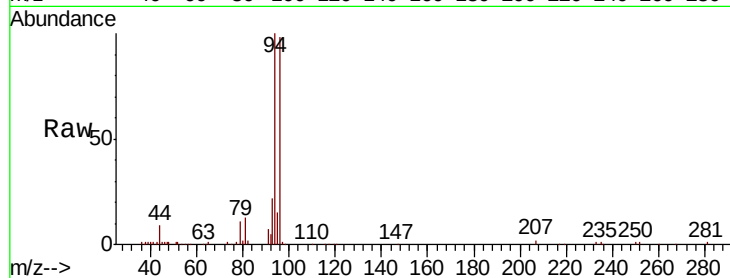
96 98.0 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 9.93 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW005227.D

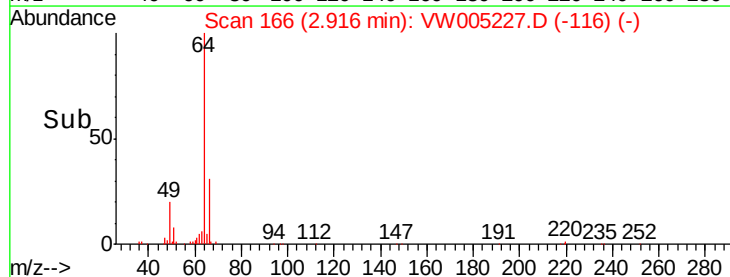
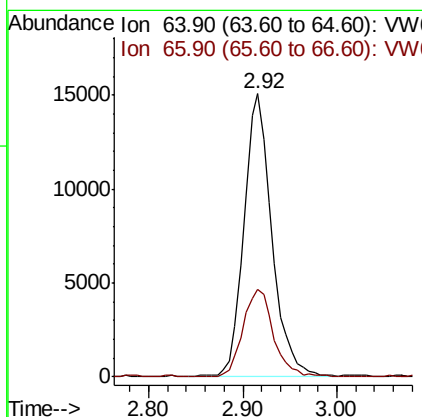
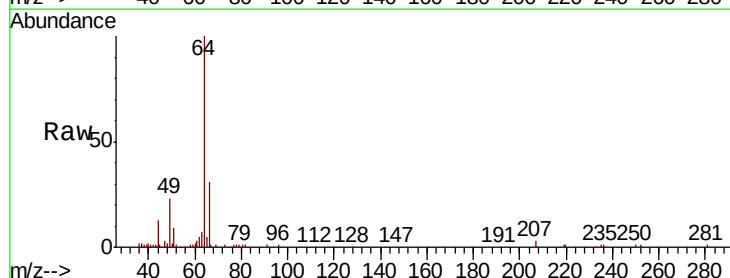
Acq: 08 Sep 2018 00:12

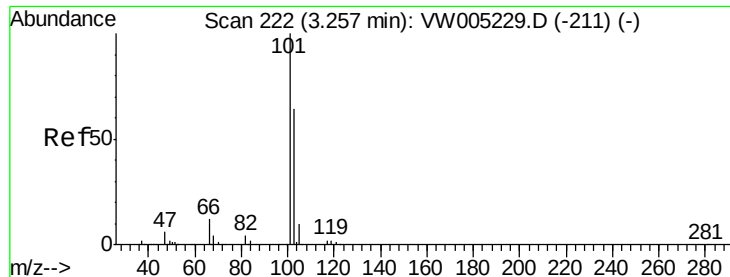
Tgt Ion: 64 Resp: 31293

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

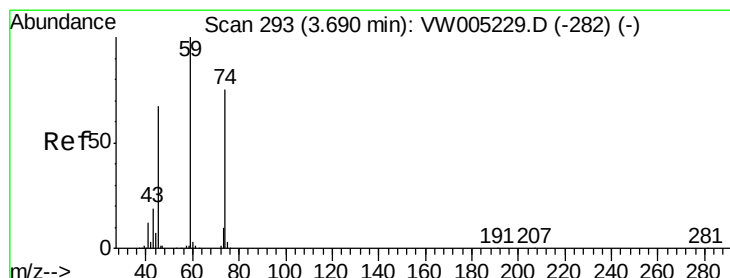
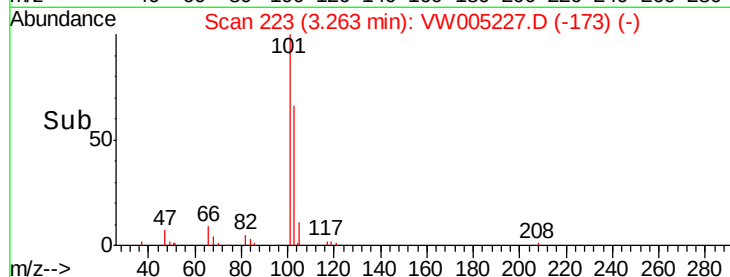
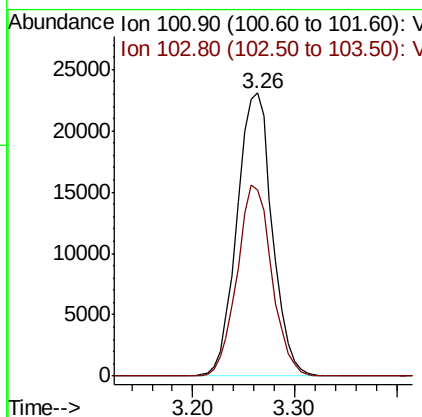
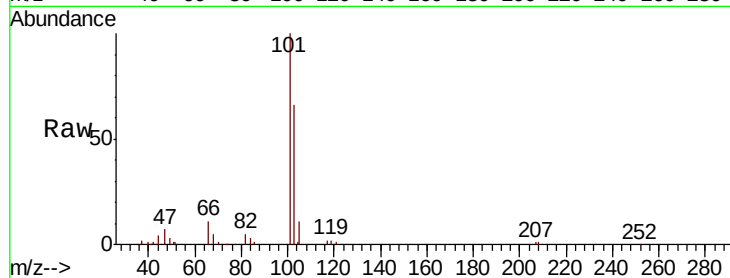
Trichlorofluoromethane
 Concen: 9.60 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.0	76.6

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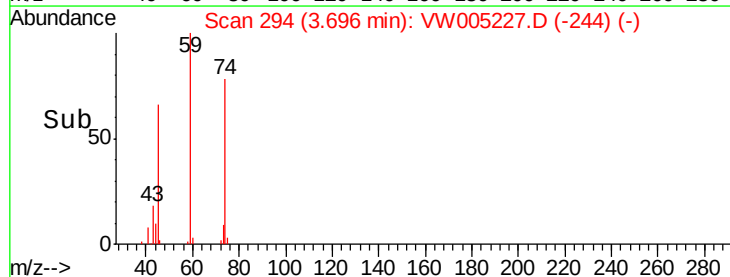
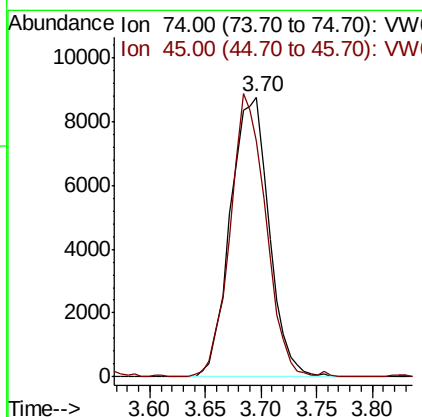
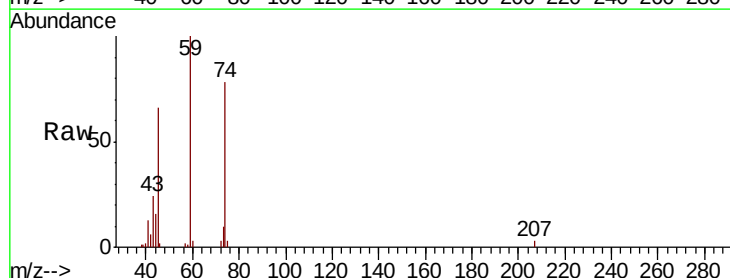
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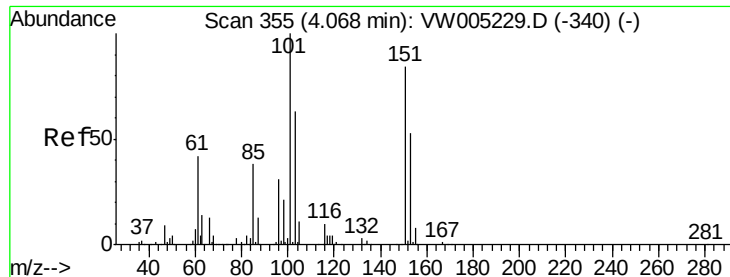


#8

Diethyl Ether
 Concen: 10.05 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.95 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

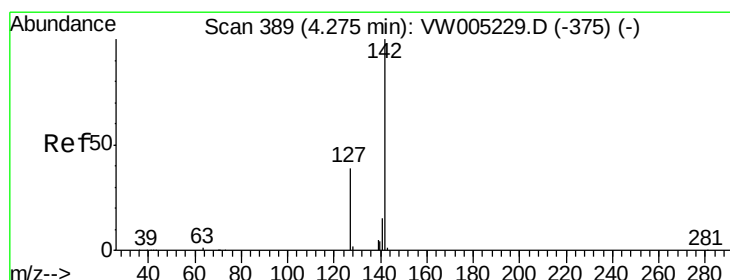
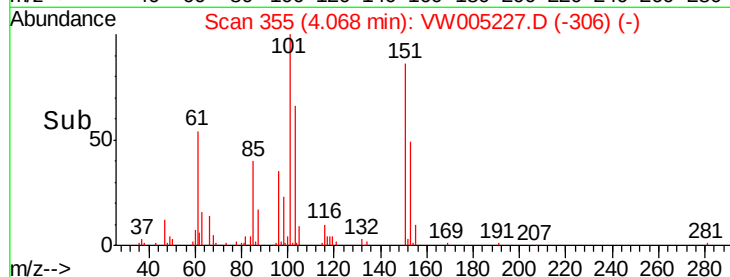
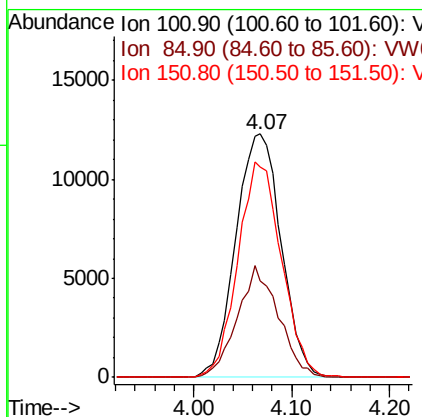
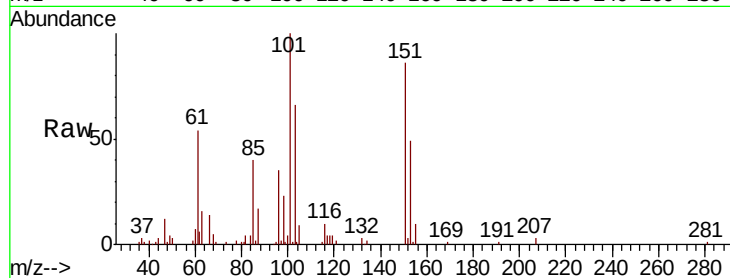
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	39489
Ion Ratio	Lower	Upper	
101	100		
85	41.6	32.5	48.7
151	85.3	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 6.69 ug/l

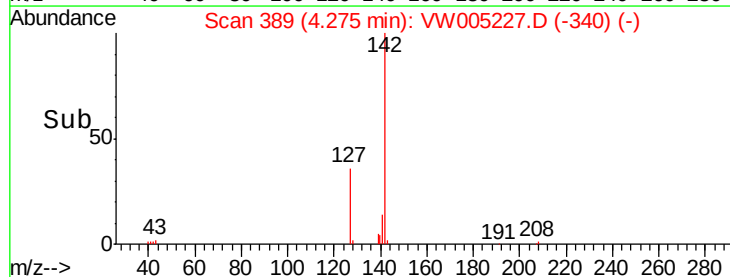
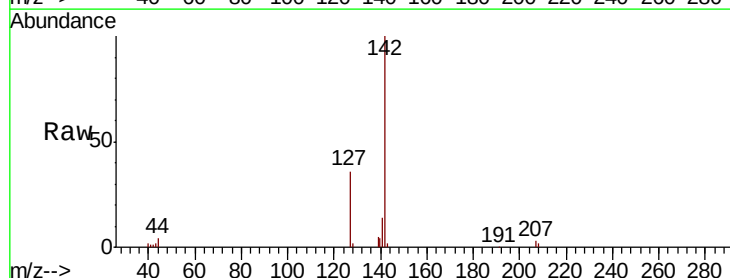
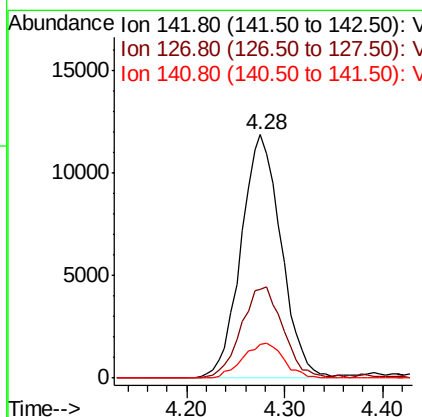
RT: 4.28 min Scan# 389

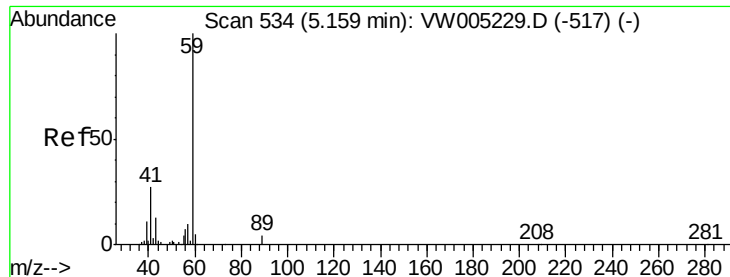
Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	142	Resp:	33753
Ion Ratio	Lower	Upper	
142	100		
127	39.3	30.6	45.8
141	14.6	11.6	17.4





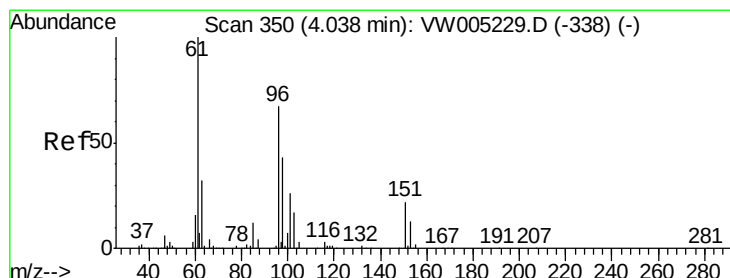
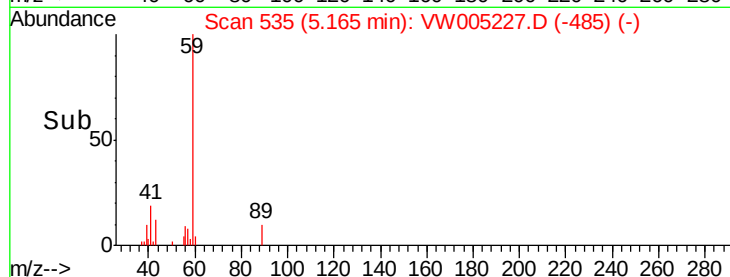
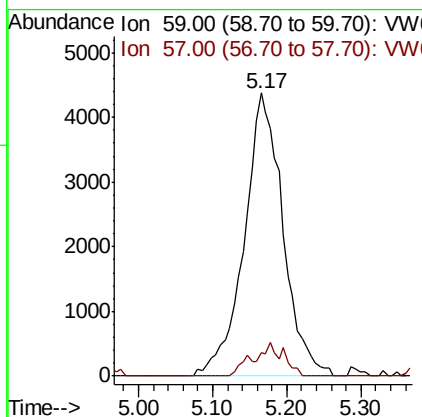
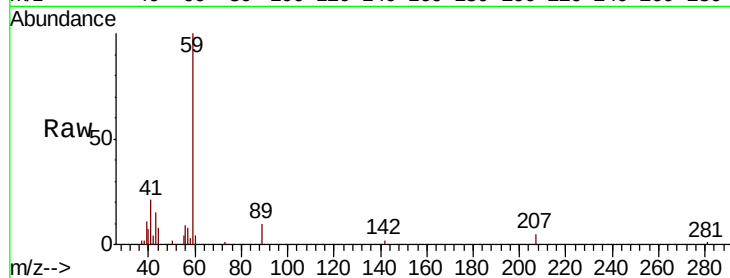
#11
Tert butyl alcohol
Concen: 57.37 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
59	100	15922		
57	6.3		8.2	12.4#

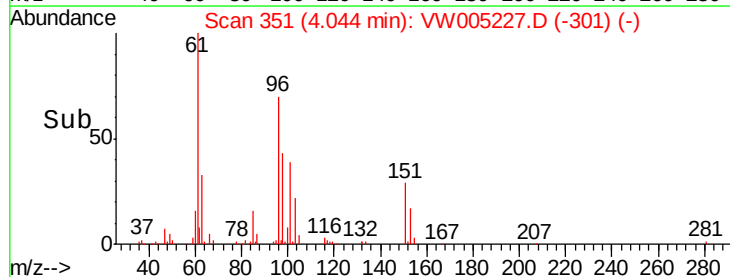
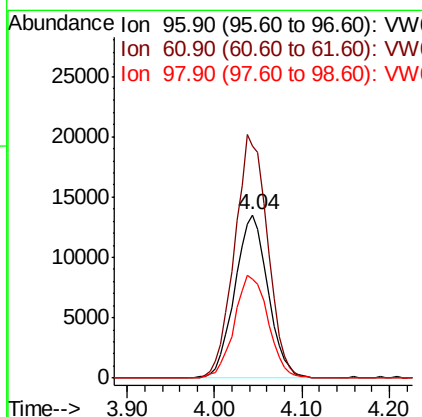
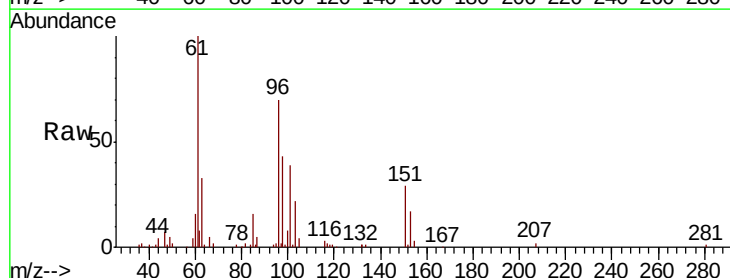
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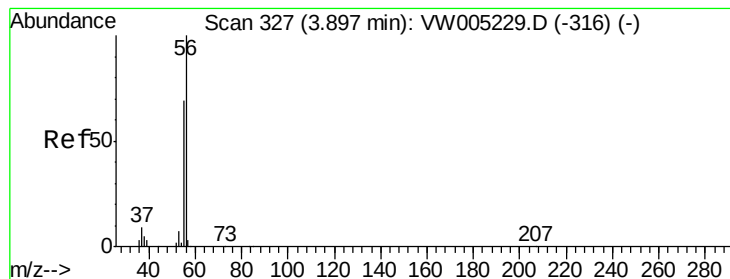
apatel
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#12
1,1-Dichloroethene
Concen: 9.78 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	35748		
61	142.0		120.3	180.5
98	60.5		51.9	77.9





#13

Acrolein

Concen: 55.18 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 13912

Ion Ratio Lower Upper

56 100

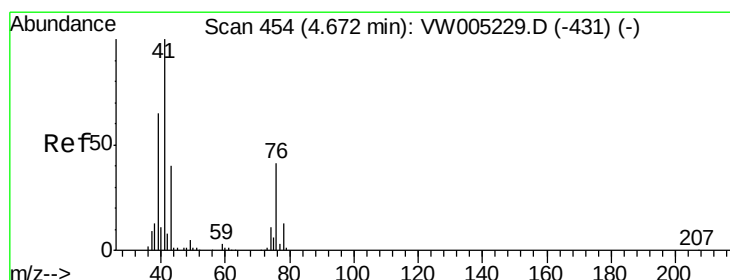
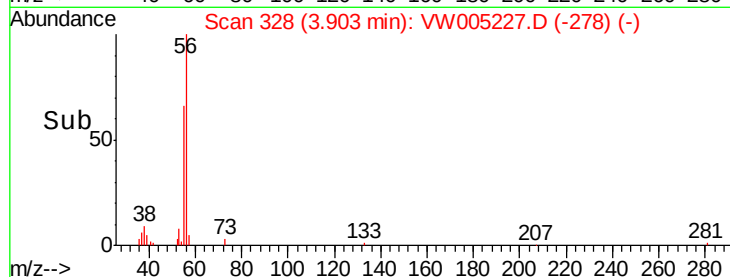
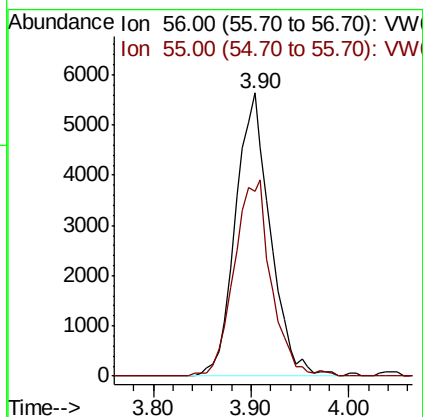
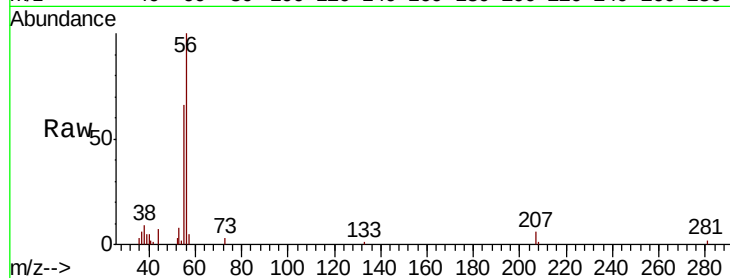
55 72.8 55.7 83.5

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#14

Allyl chloride

Concen: 9.59 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

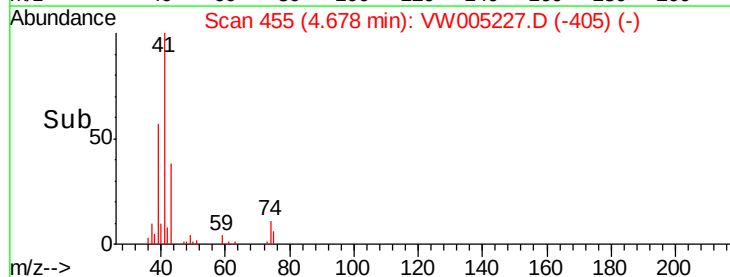
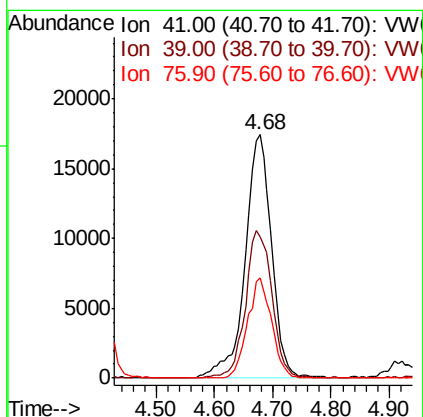
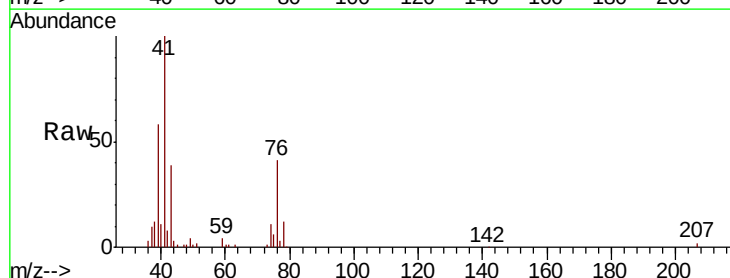
Tgt Ion: 41 Resp: 54723

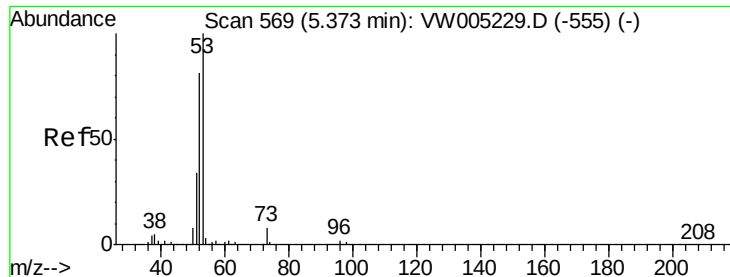
Ion Ratio Lower Upper

41 100

39 60.7 49.1 73.7

76 37.3 31.0 46.6





#15

Acrylonitrile

Concen: 53.44 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

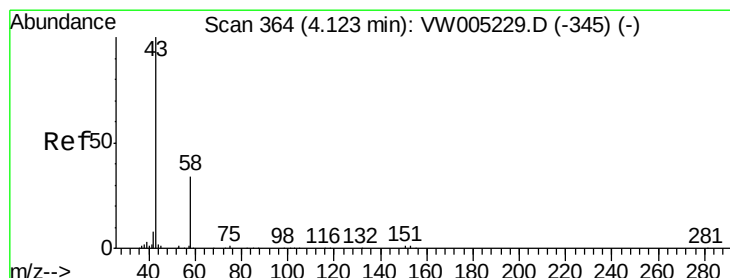
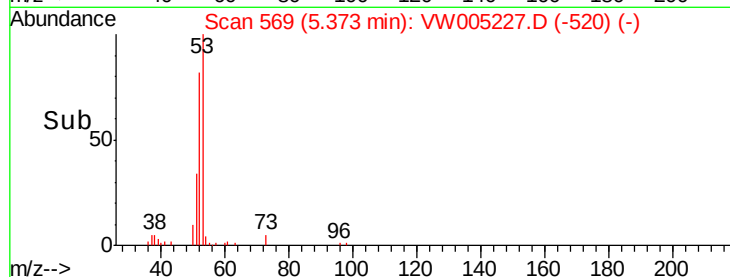
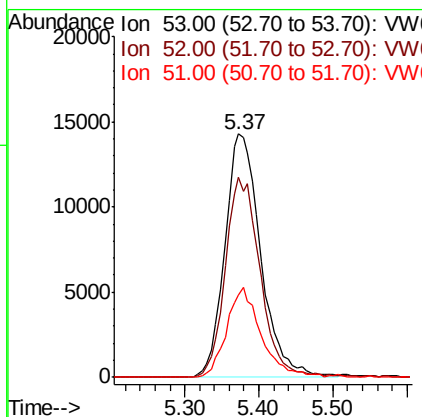
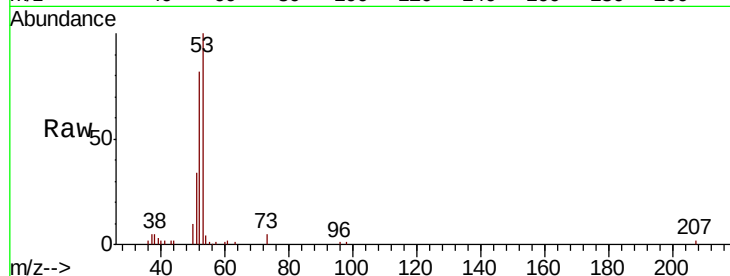
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	48099
Ion	Ratio	Lower	Upper
53	100		
52	80.0	64.9	97.3
51	35.5	28.2	42.2

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#16

Acetone

Concen: 45.14 ug/l

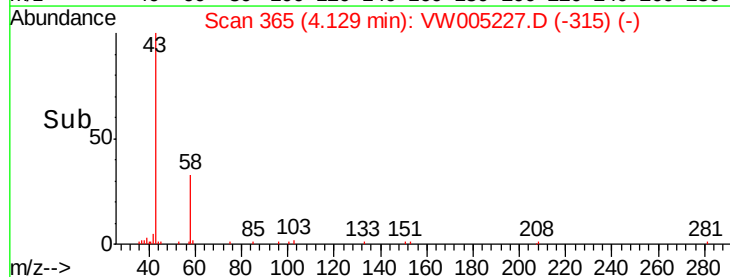
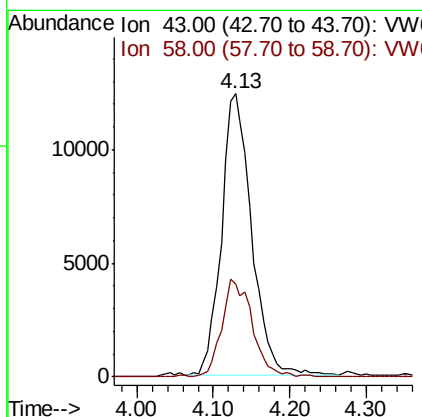
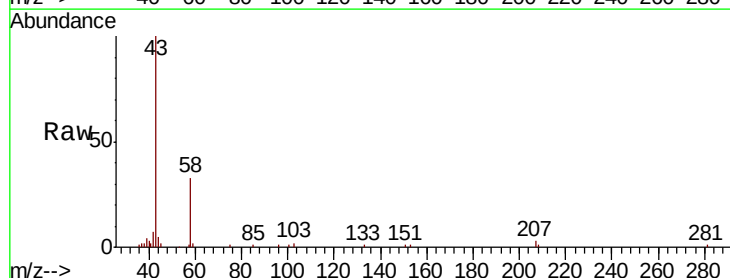
RT: 4.13 min Scan# 365

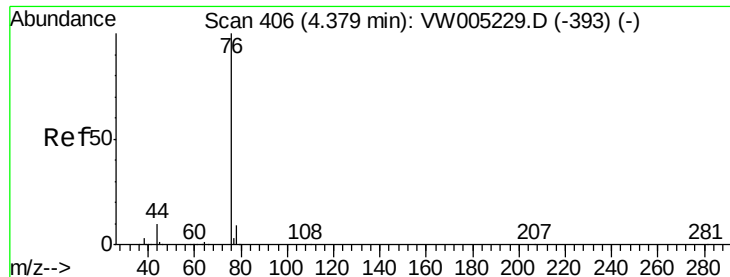
Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	43	Resp:	33664
Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.0	40.4





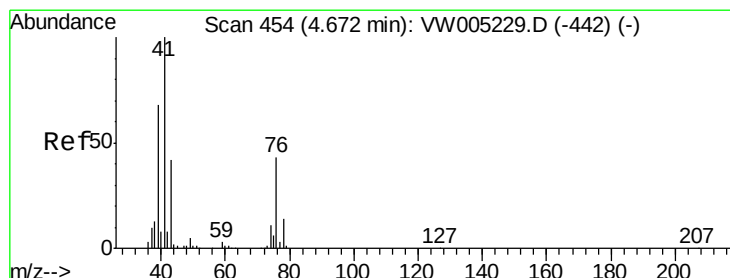
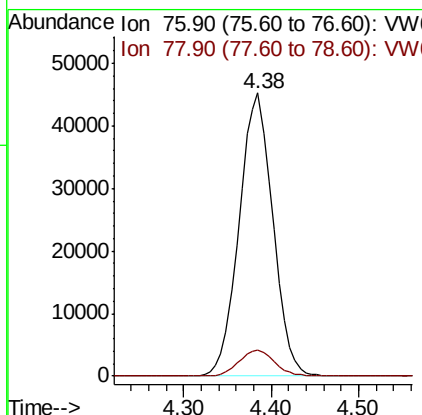
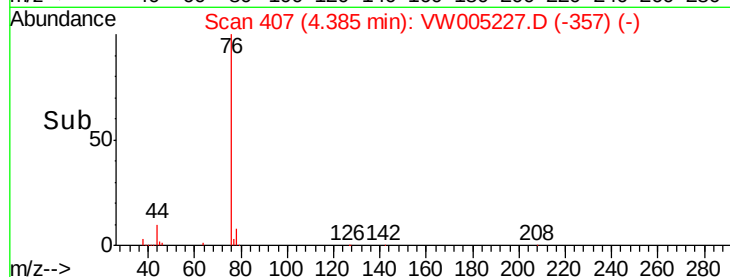
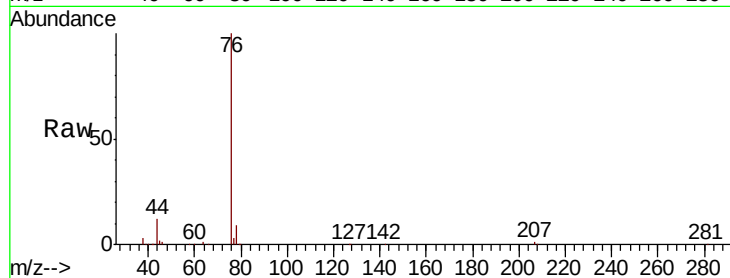
#17
Carbon Disulfide
Concen: 9.49 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

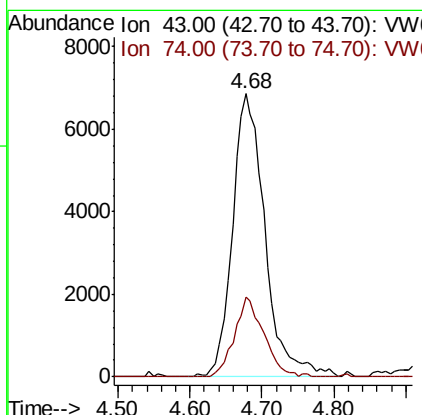
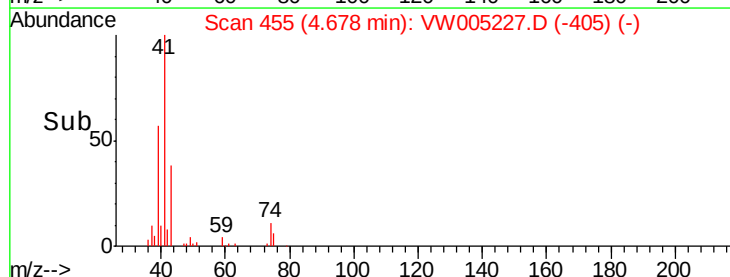
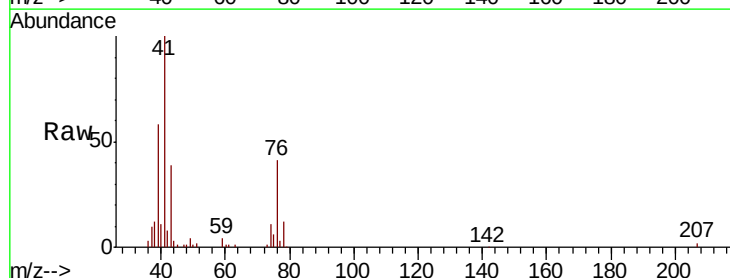
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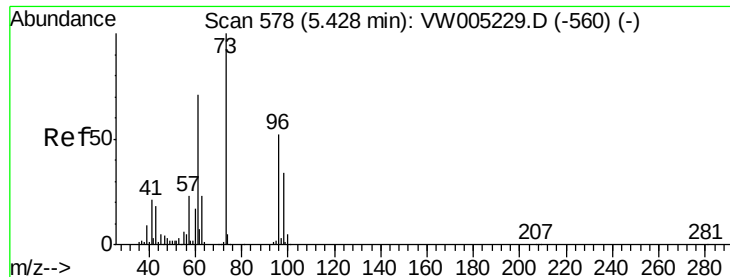
apatel
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#18
Methyl Acetate
Concen: 9.67 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.8	31.2





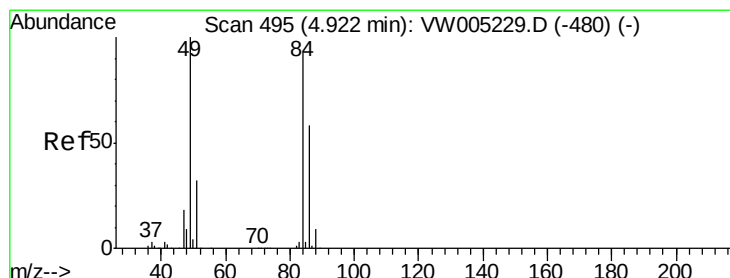
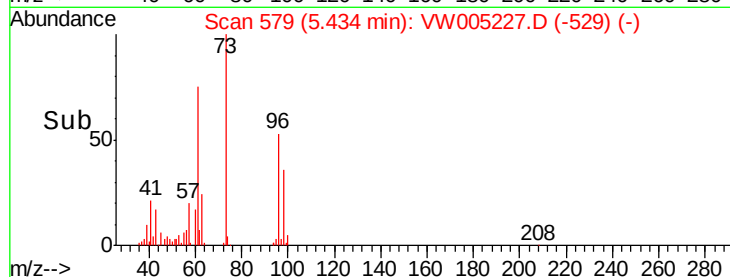
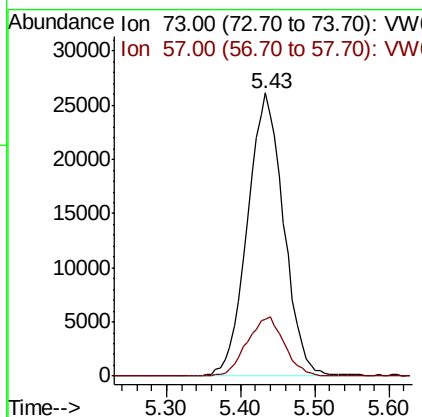
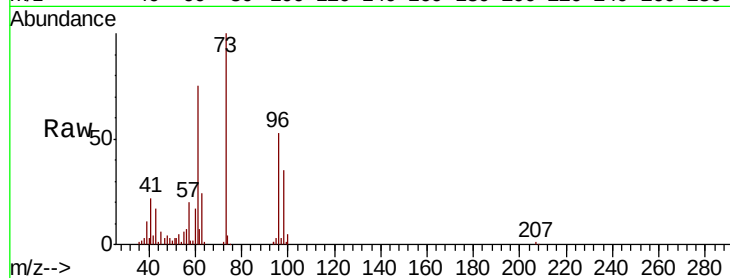
#19
Methyl tert-butyl Ether
Concen: 9.95 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	18.2	27.2

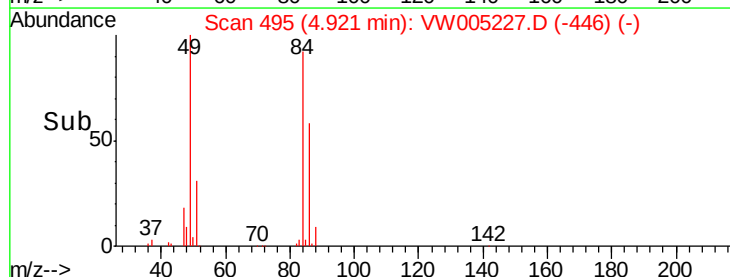
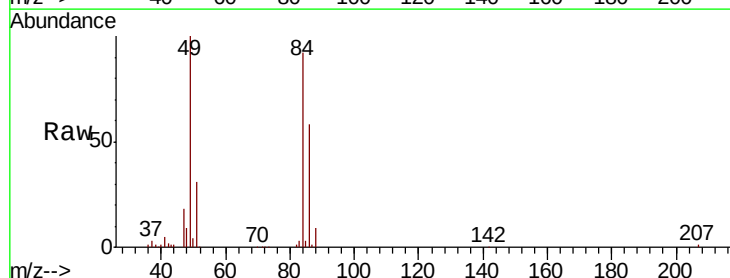
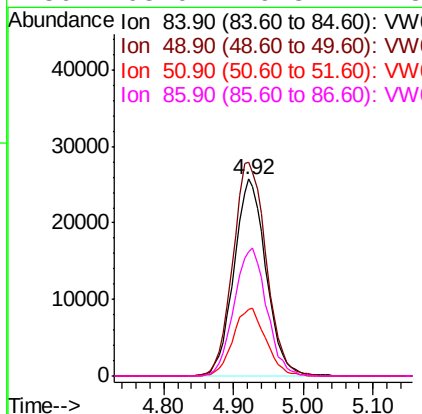
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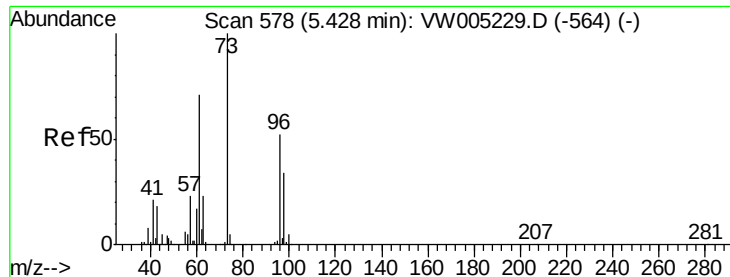
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#20
Methylene Chloride
Concen: 13.18 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	85.8	128.6
51	33.6	27.7	41.5
86	63.0	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 9.53 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

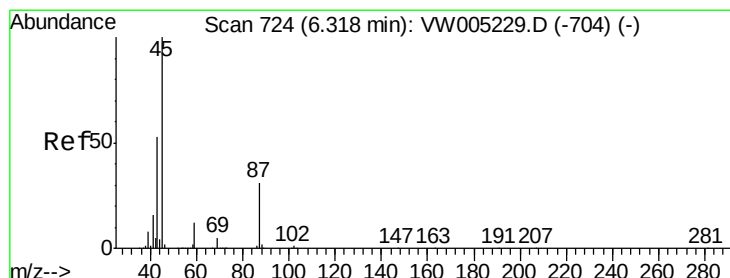
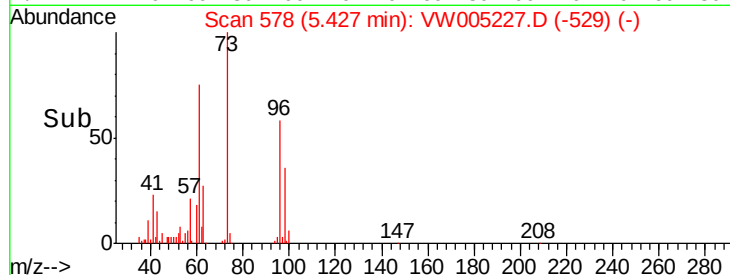
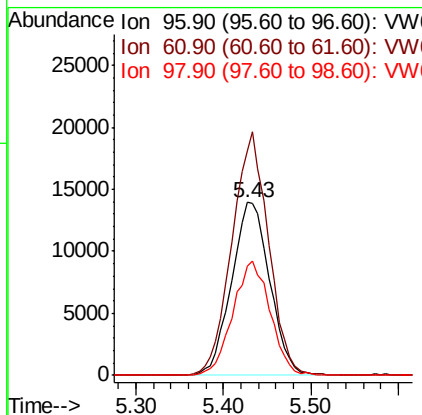
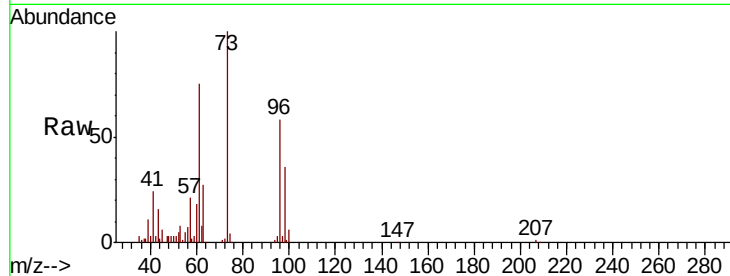
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	42372
Ion	Ratio	Lower	Upper
96	100		
61	130.3	108.2	162.4
98	63.0	51.9	77.9

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#22

Diisopropyl ether

Concen: 9.87 ug/l

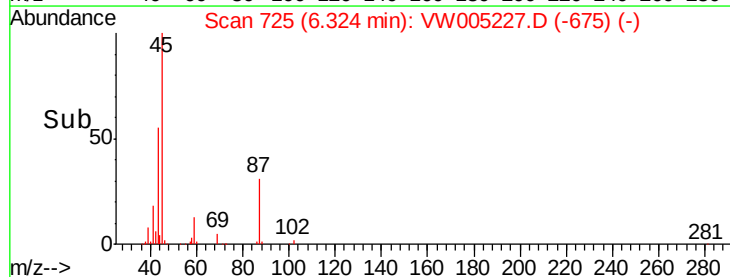
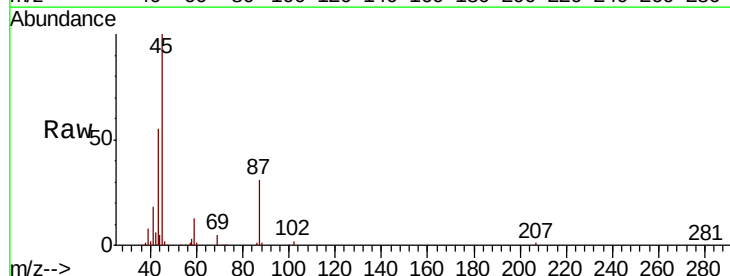
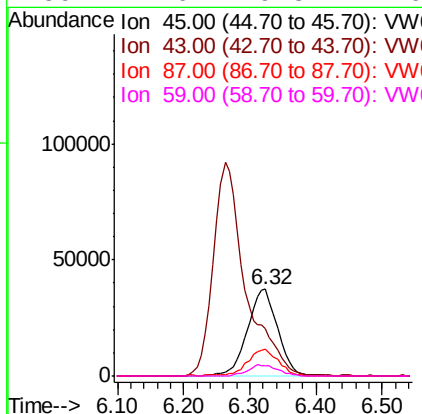
RT: 6.32 min Scan# 725

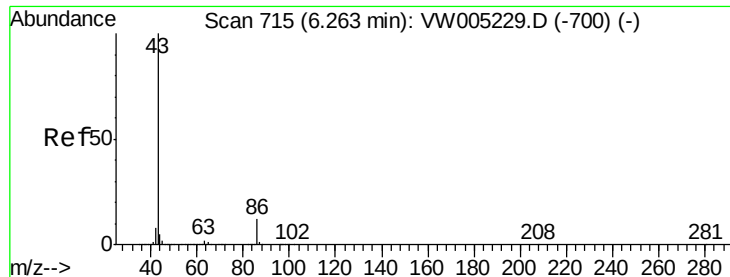
Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	45	Resp:	118703
Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.5	63.7
87	31.2	24.7	37.1
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 49.11 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tot Ion: 43 Resp: 311932

Ion Ratio Lower Upper

43 100

86 12.1 9.3 13.9

Instrument :

MSVOA_W

ClientSampled :

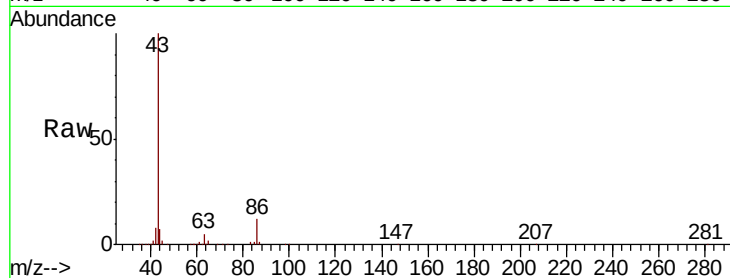
VSTDIC010

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

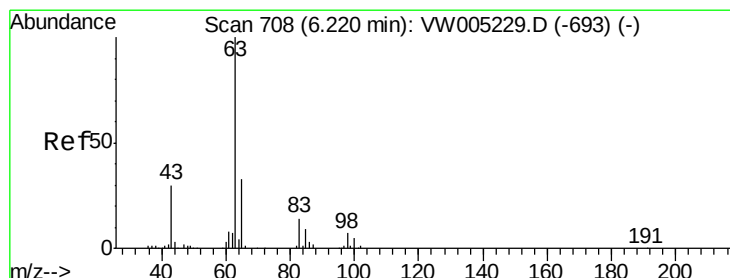
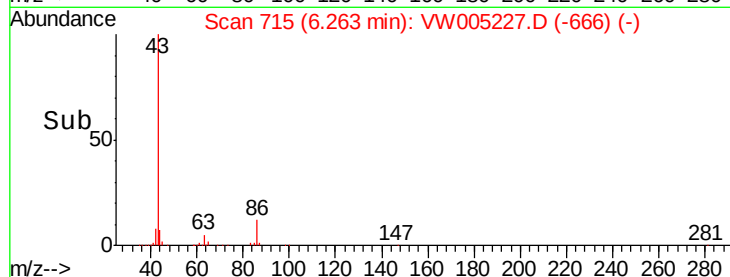
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 9.70 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

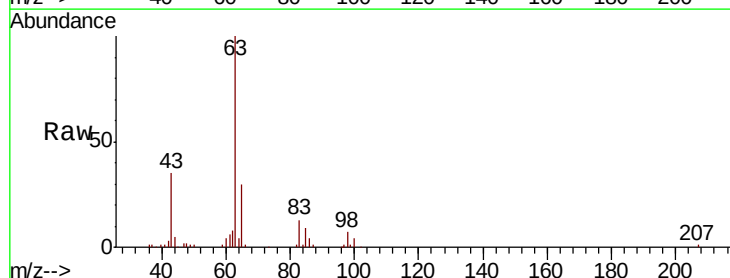
Tgt Ion: 63 Resp: 72675

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.3 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

6.23

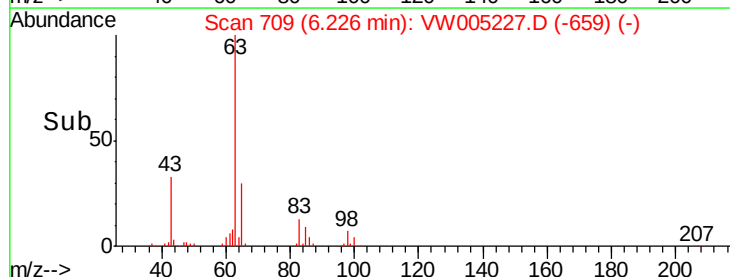
30000

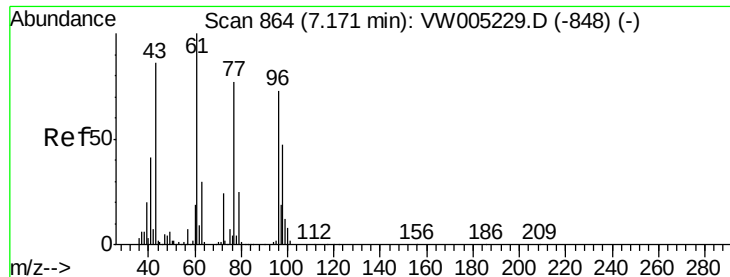
20000

10000

0

Time-->





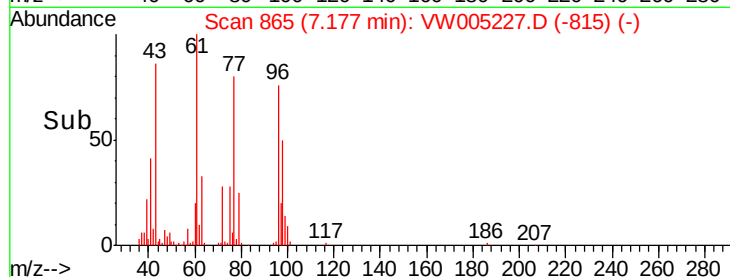
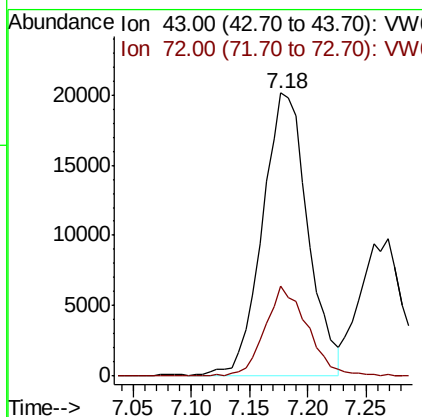
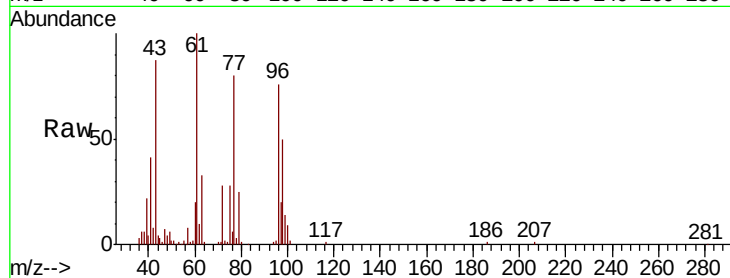
#25
2-Butanone
Concen: 42.15 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	43	Resp	54019
Ion Ratio	Lower	Upper	
43	100		
72	31.9	22.6	33.8

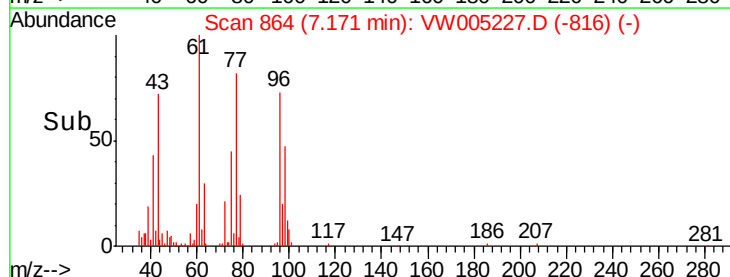
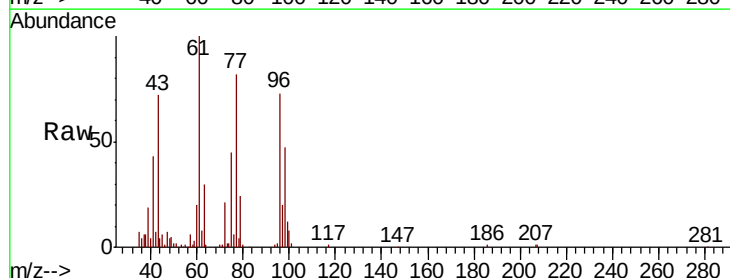
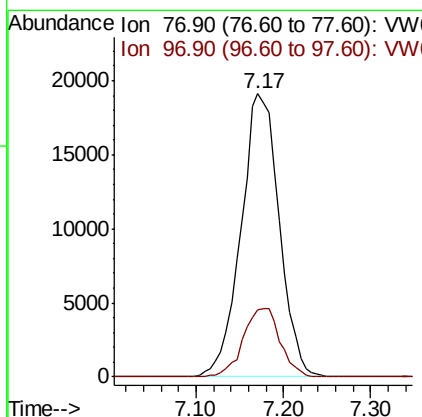
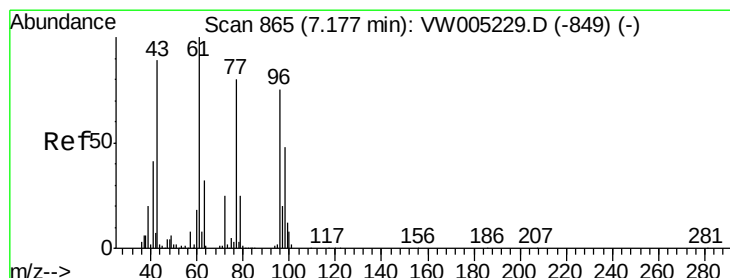
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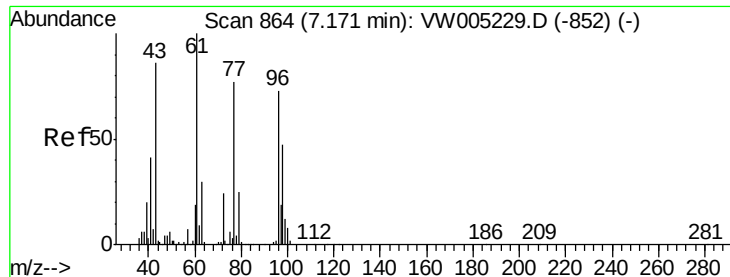
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#26
2,2-Dichloropropane
Concen: 9.49 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	77	Resp	58023
Ion Ratio	Lower	Upper	
77	100		
97	23.4	12.3	36.9





#27

cis-1,2-Dichloroethene

Concen: 9.77 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 96 Resp: 47432

Ion Ratio Lower Upper

96 100

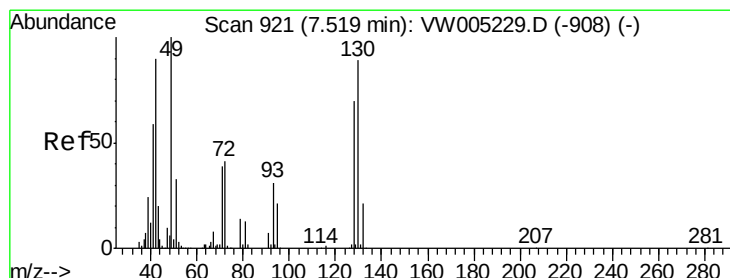
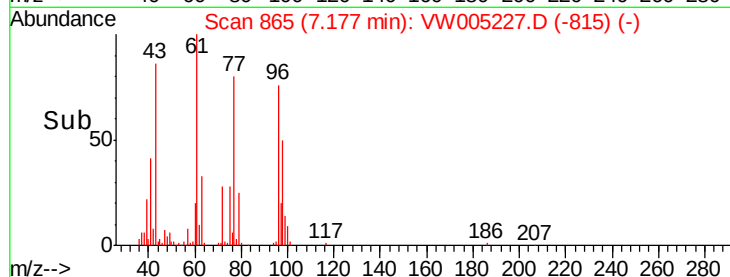
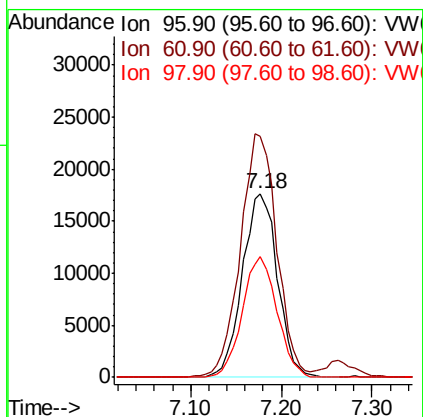
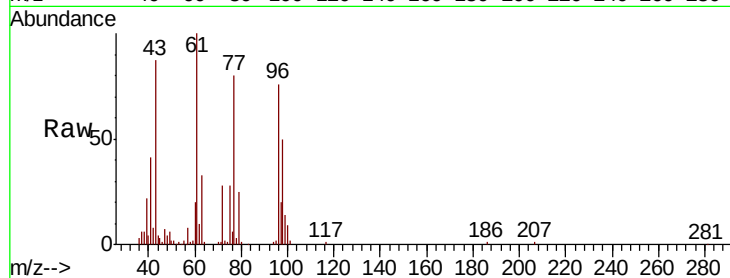
61 137.4 0.0 274.6

98 64.8 0.0 129.6

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#28

Bromochloromethane

Concen: 9.26 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

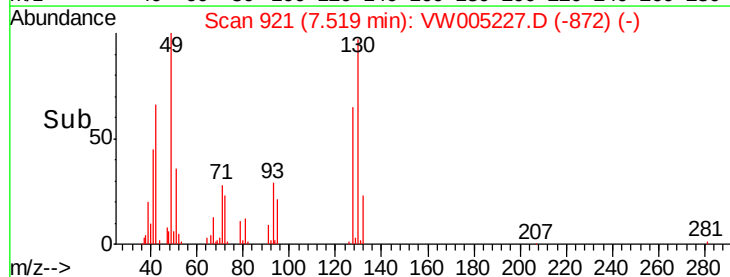
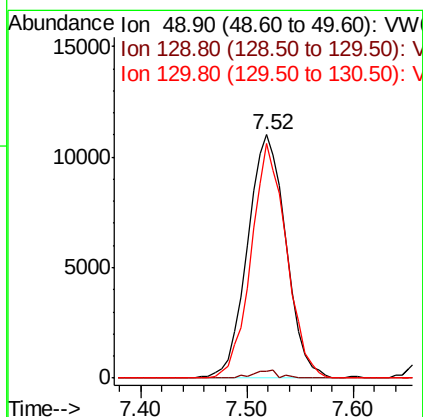
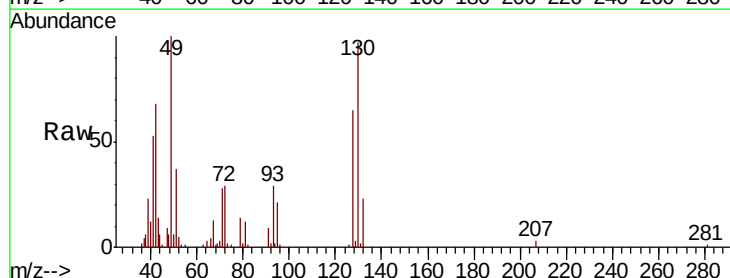
Tgt Ion: 49 Resp: 27860

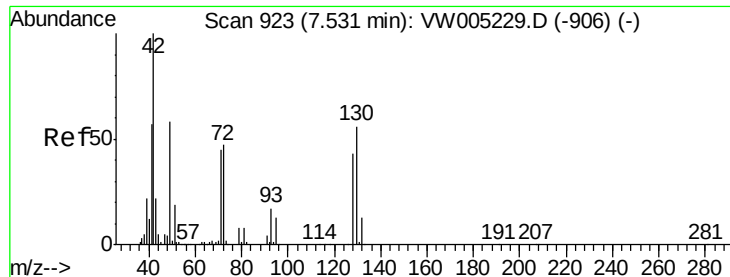
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 88.8 70.0 105.0





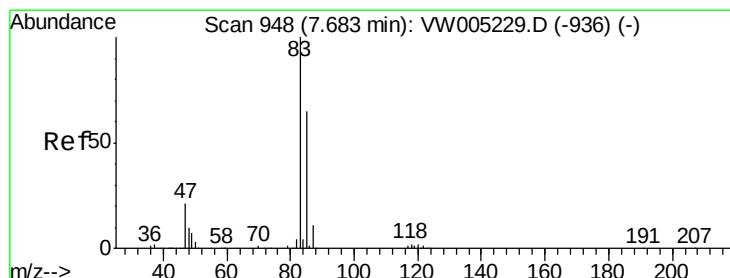
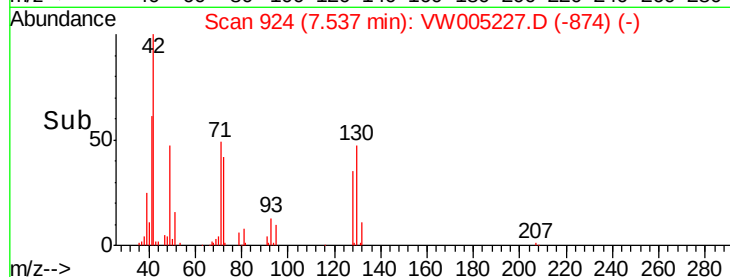
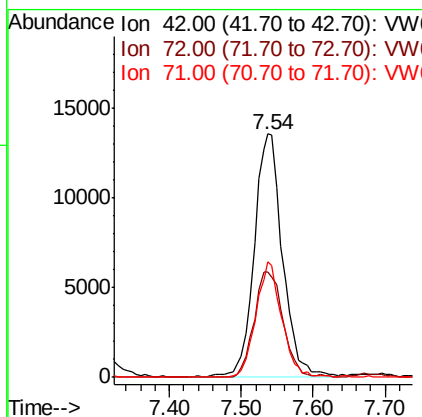
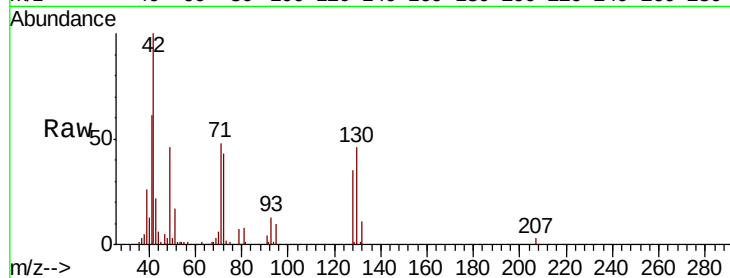
#29
Tetrahydrofuran
Concen: 54.40 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:	42	Resp:	36947
Ion Ratio		Lower	Upper
42	100		
72	44.3	37.4	56.2
71	43.5	35.5	53.3

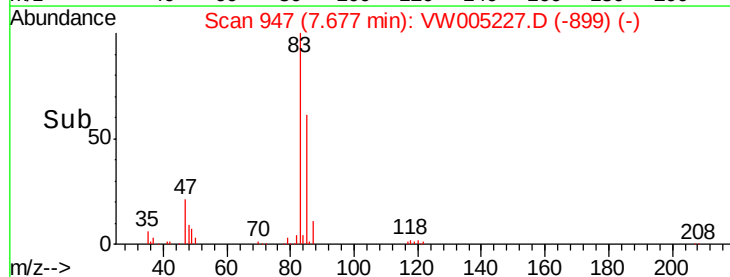
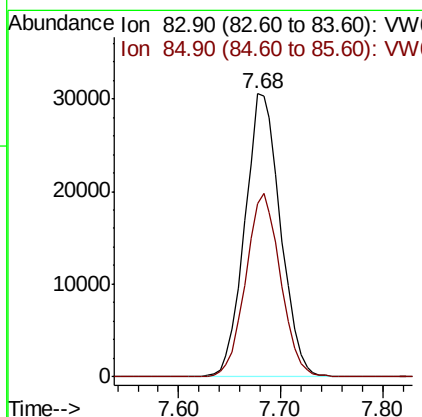
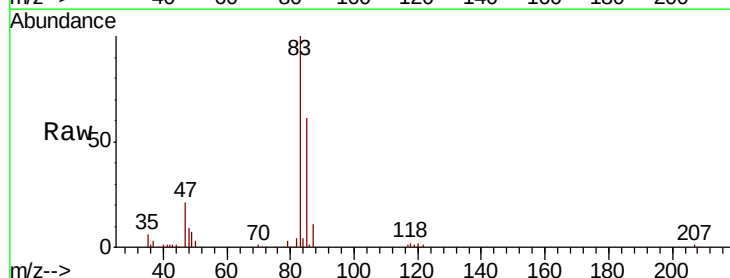
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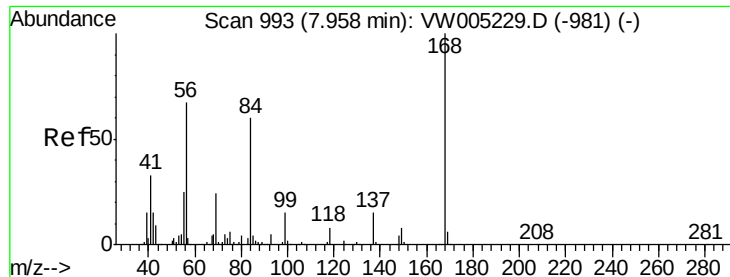
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#30
Chloroform
Concen: 9.70 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:	83	Resp:	74129
Ion Ratio		Lower	Upper
83	100		
85	61.4	51.9	77.9





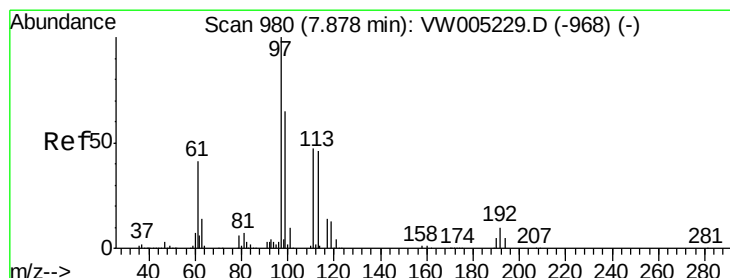
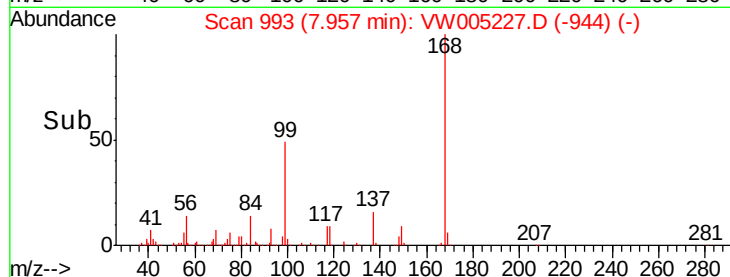
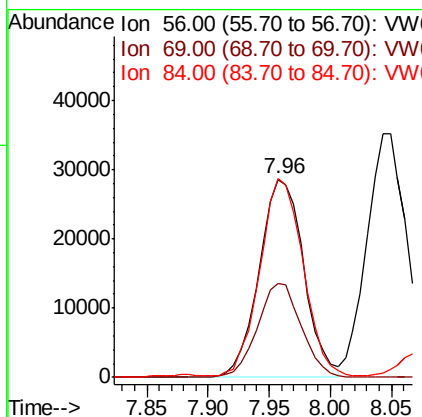
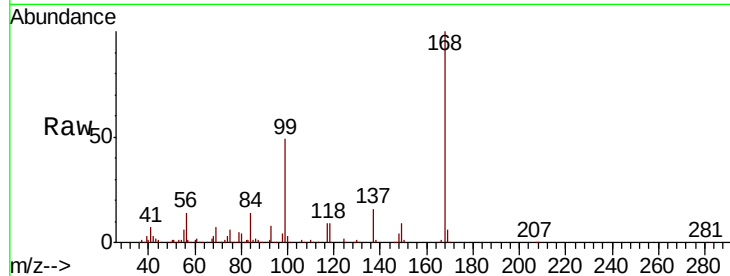
#31
Cyclohexane
Concen: 9.83 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	47.1	28.2	42.4#
84	99.3	71.3	106.9

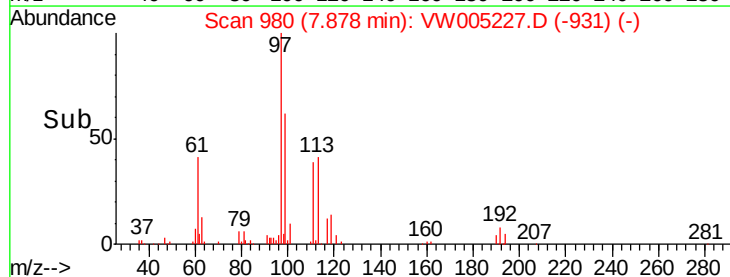
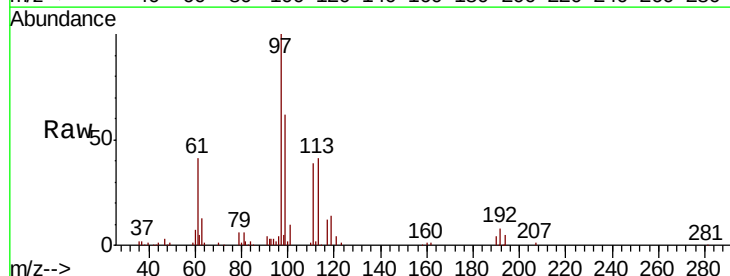
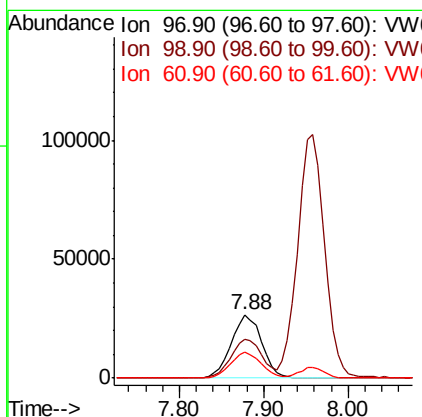
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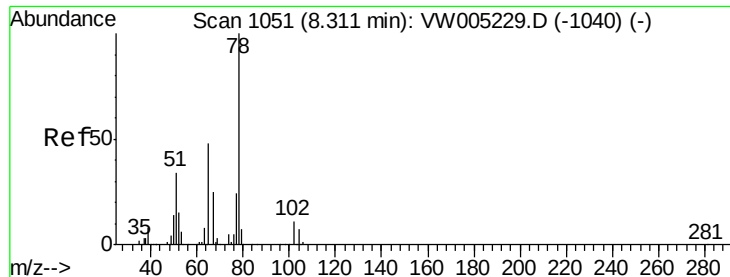
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#32
1,1,1-Trichloroethane
Concen: 9.76 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	40.9	33.0	49.4





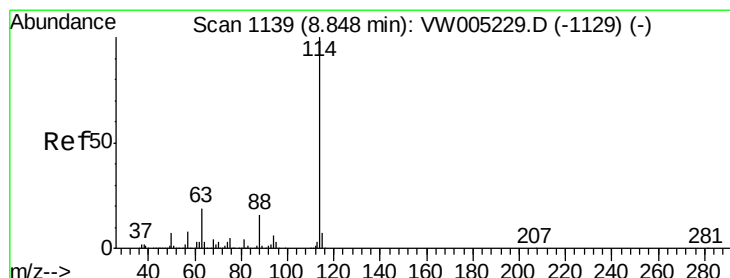
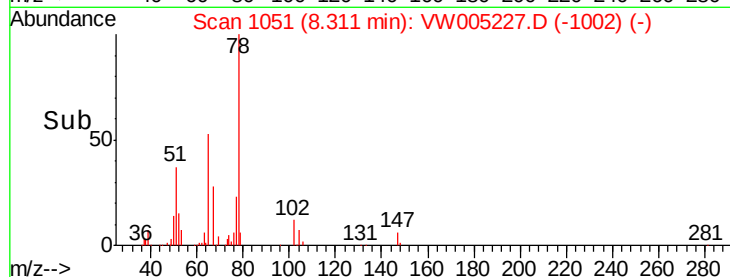
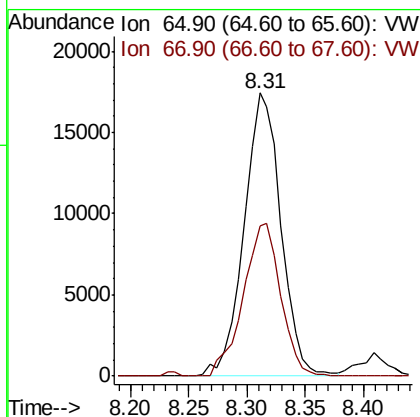
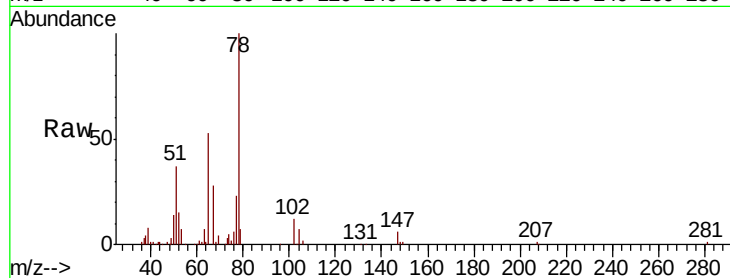
#33
 1,2-Dichloroethane-d4
 Concen: 10.07 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.6	0.0	111.2	

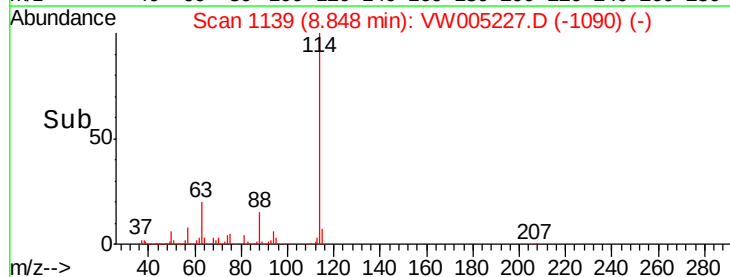
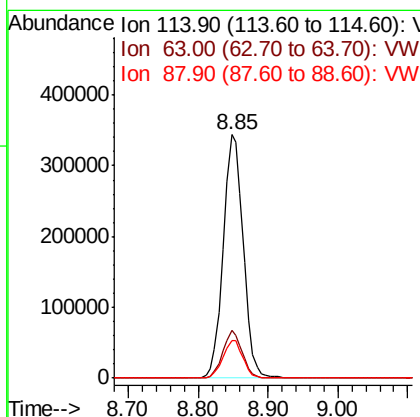
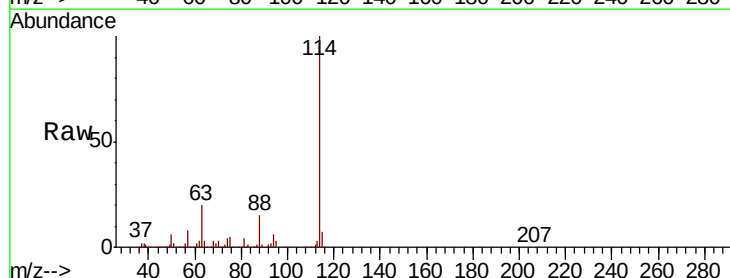
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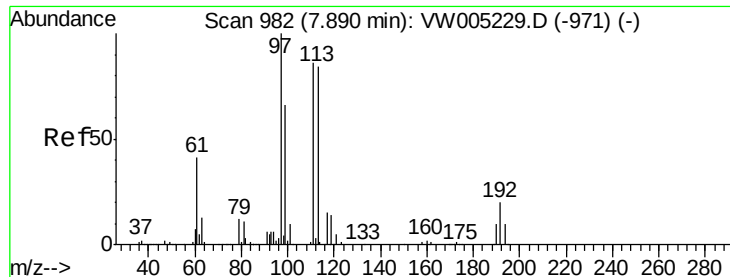
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	38.8	
88	15.3	0.0	31.2	





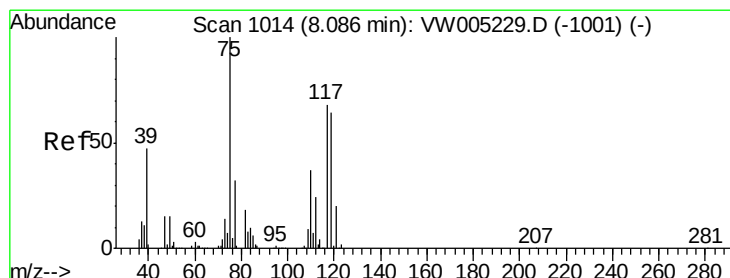
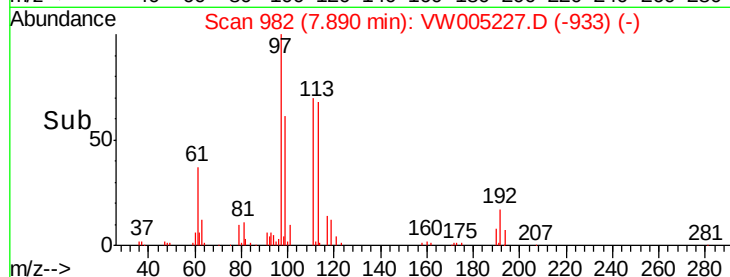
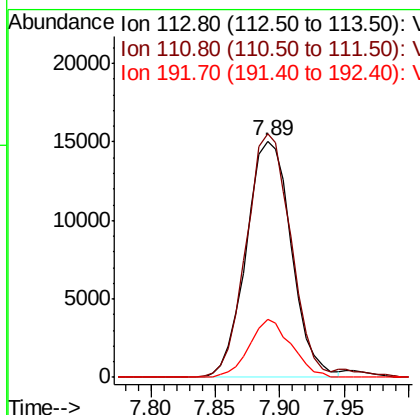
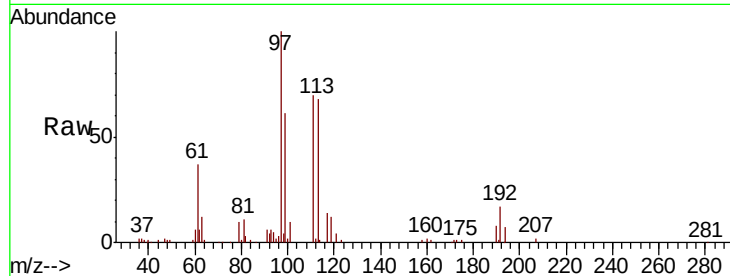
#35
 Dibromofluoromethane
 Concen: 9.34 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	22.6	18.0	27.0

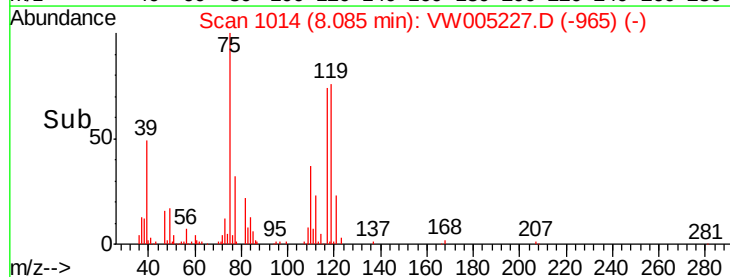
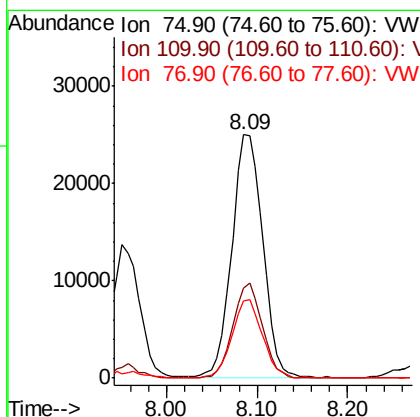
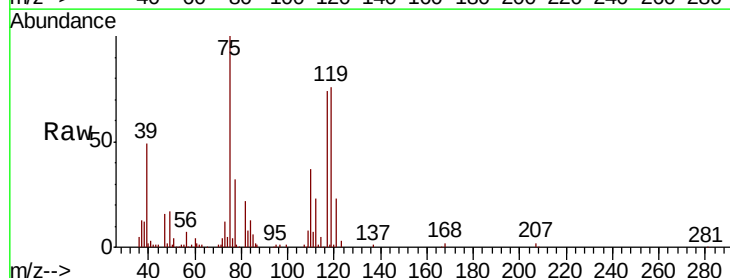
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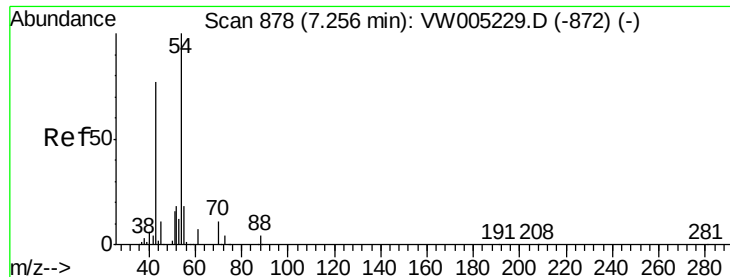
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#36
 1,1-Dichloropropene
 Concen: 9.34 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.8	56.4
77	31.9	25.2	37.8





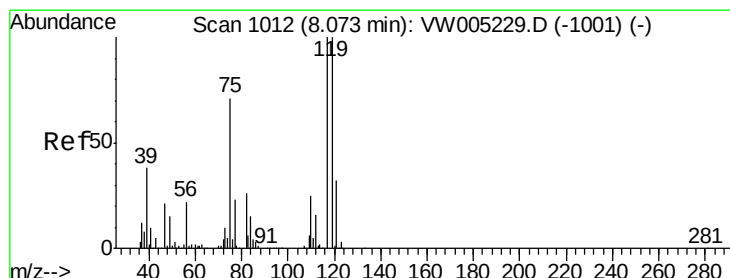
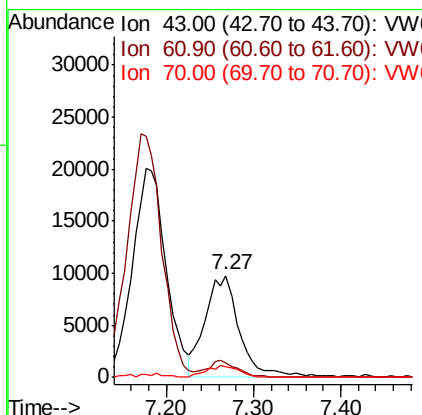
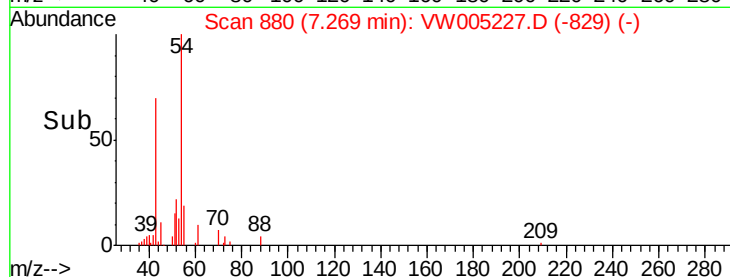
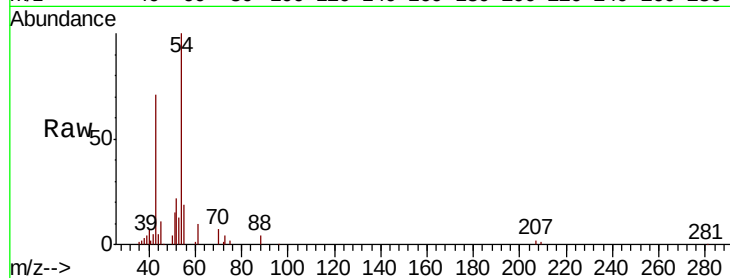
#37
Ethyl Acetate
Concen: 10.76 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.2
70	11.1	9.6	14.4

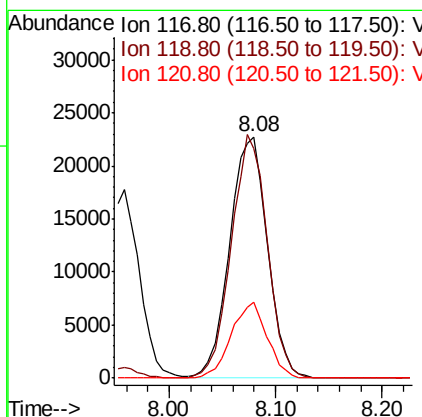
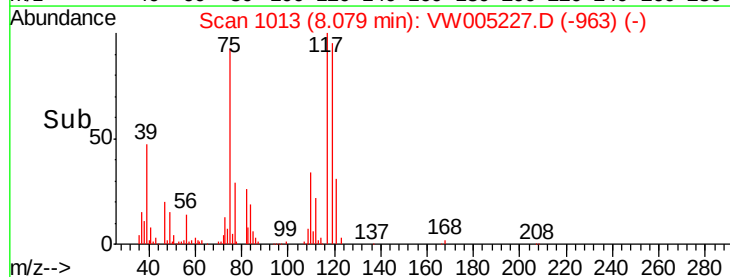
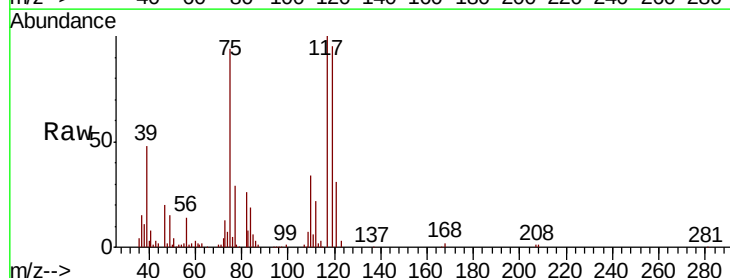
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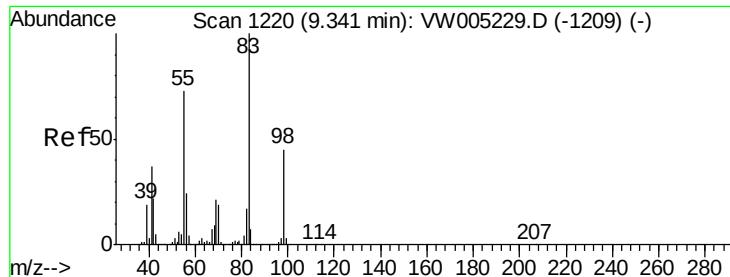
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#38
Carbon Tetrachloride
Concen: 9.41 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.7	119.5
121	31.2	25.4	38.0





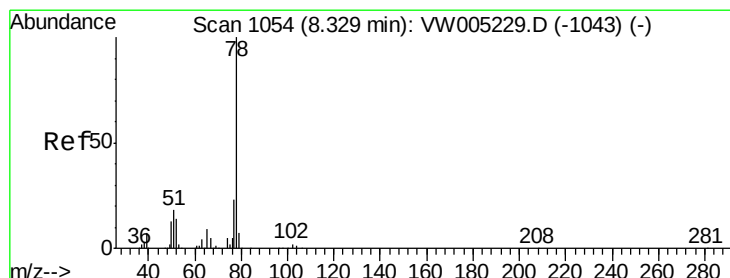
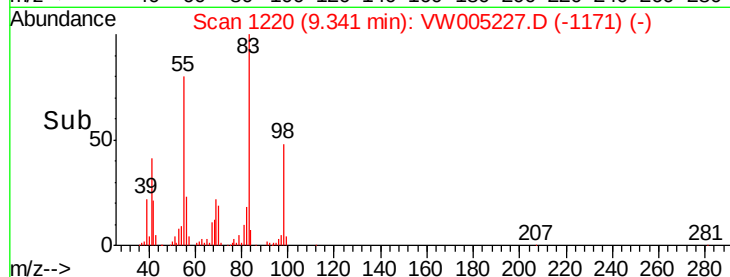
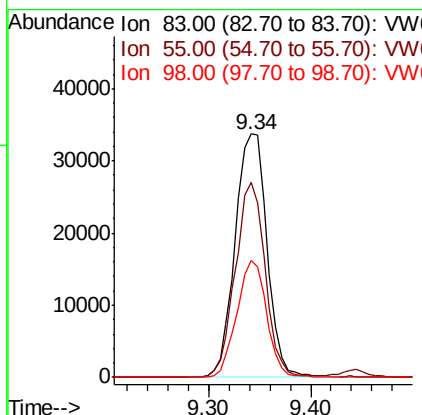
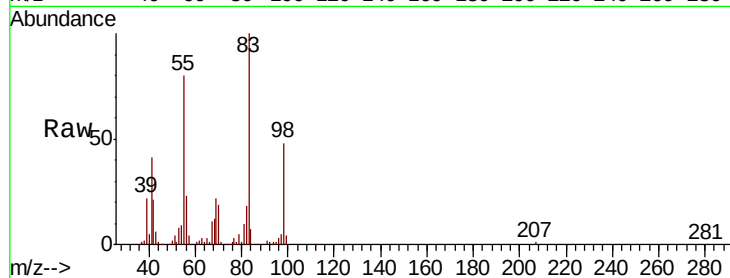
#39
Methylvlcyclohexane
Concen: 9.44 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	58.7	88.1
98	47.8	36.1	54.1

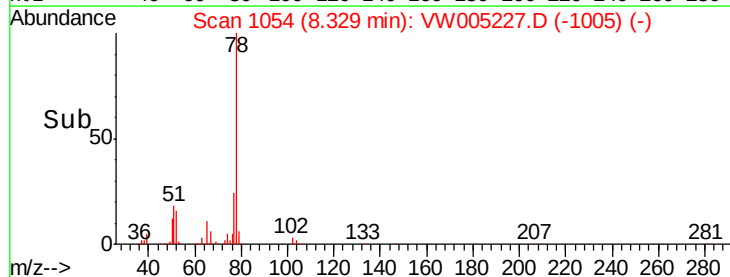
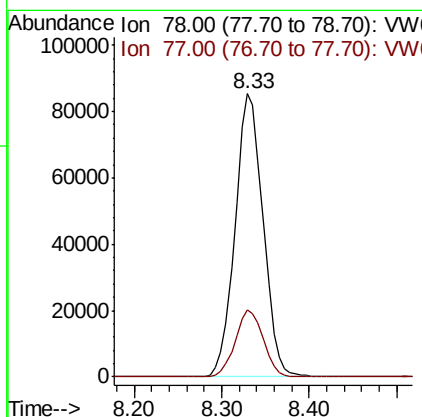
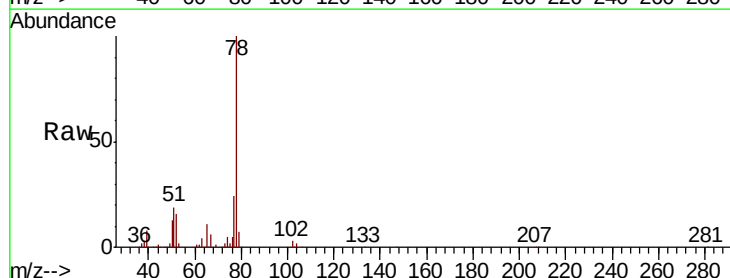
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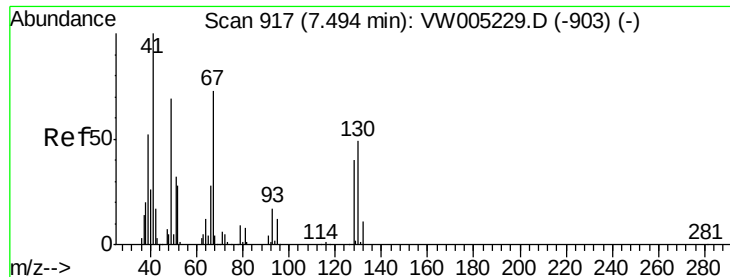
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#40
Benzene
Concen: 9.73 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





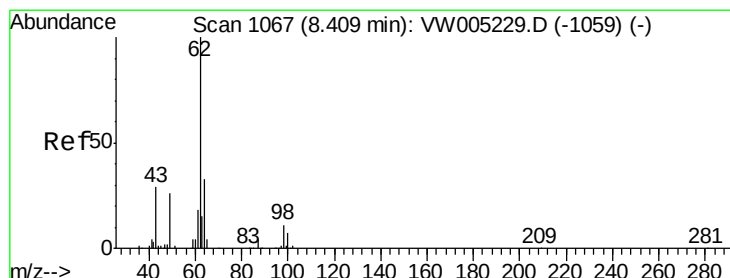
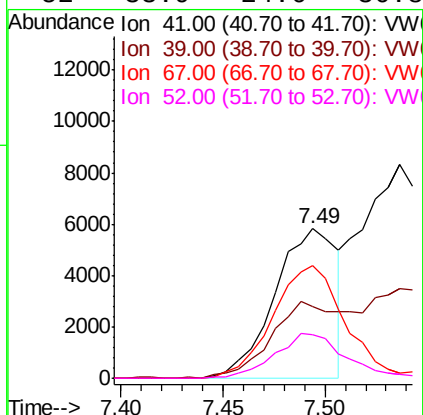
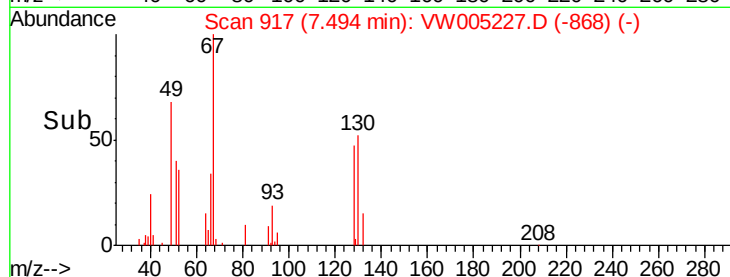
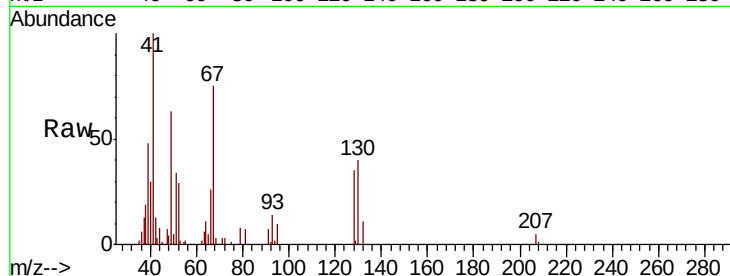
#41
Methacrylonitrile
Concen: 8.98 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.1	40.8	61.2
67	86.7	63.6	95.4
52	33.9	24.6	36.8

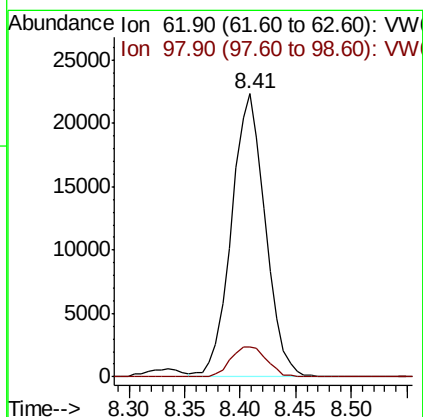
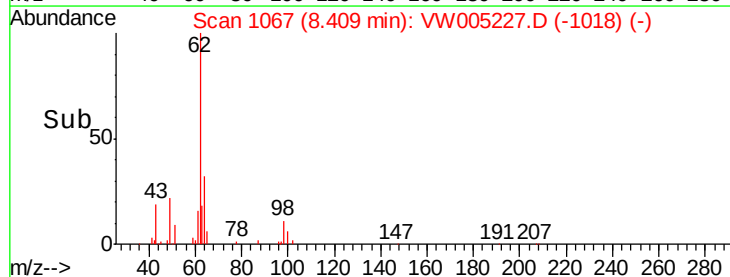
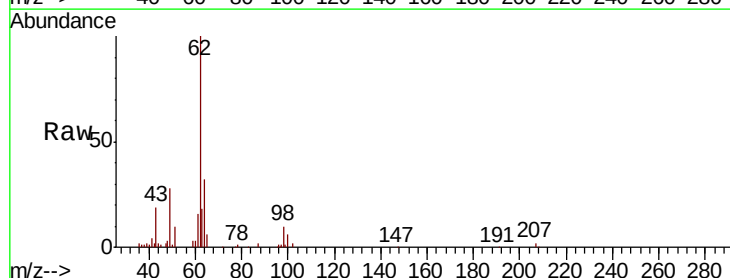
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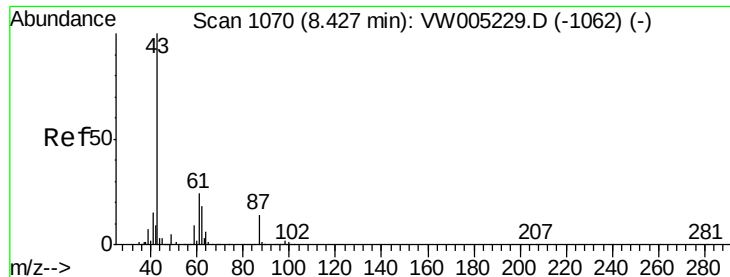
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#42
1,2-Dichloroethane
Concen: 9.85 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 10.49 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

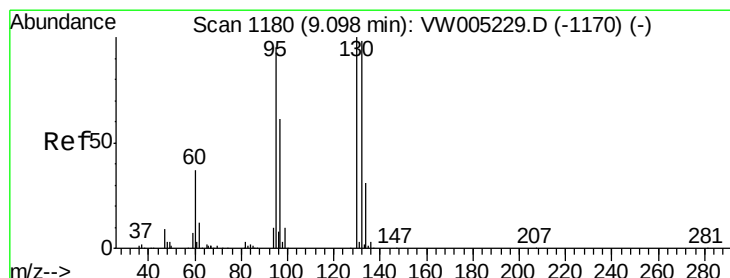
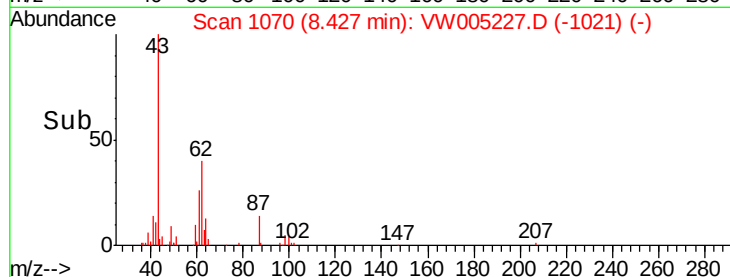
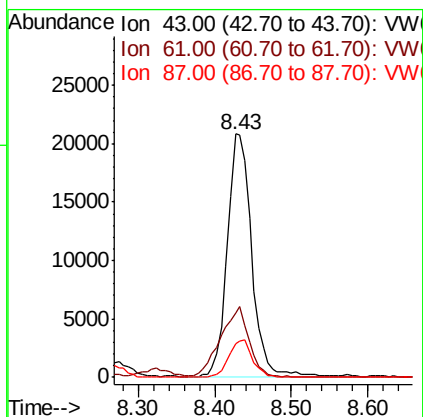
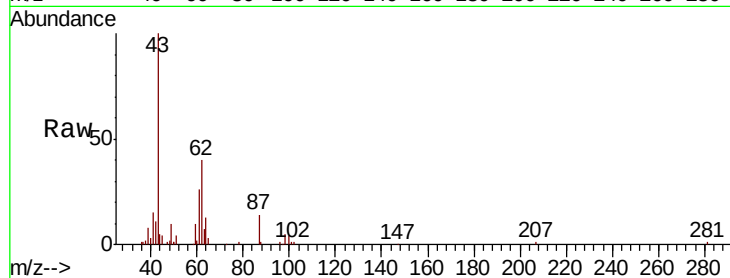
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	46357
Ion	Ratio	Lower	Upper
43	100		
61	33.9	26.6	39.8
87	14.6	12.2	18.2

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#44

Trichloroethene

Concen: 9.64 ug/l

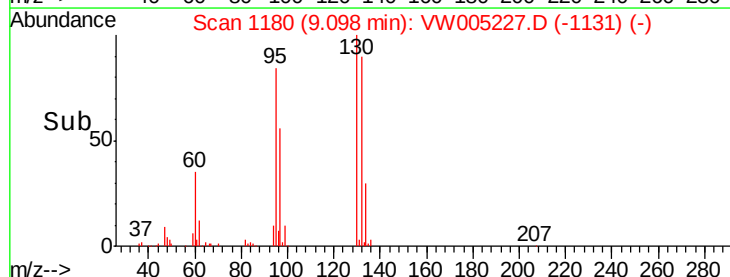
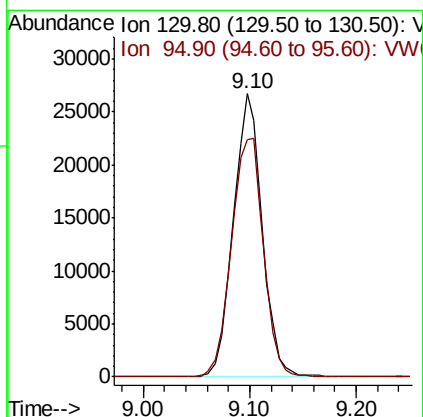
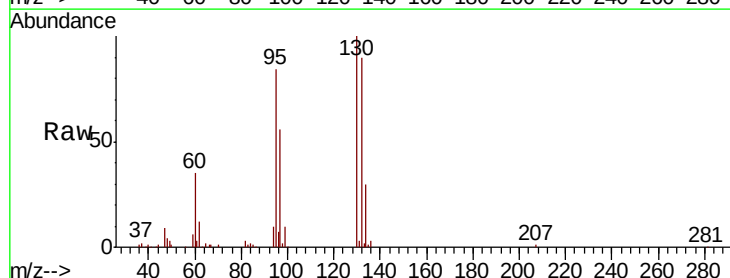
RT: 9.10 min Scan# 1180

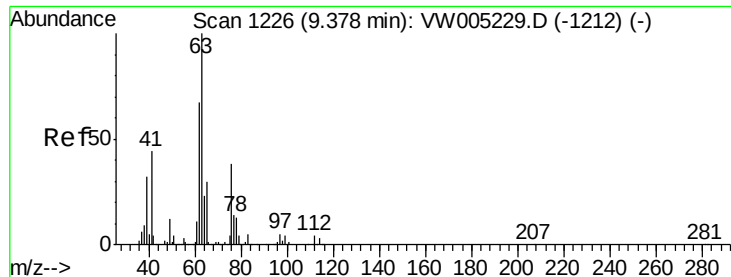
Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	130	Resp:	50719
Ion	Ratio	Lower	Upper
130	100		
95	84.0	0.0	189.8





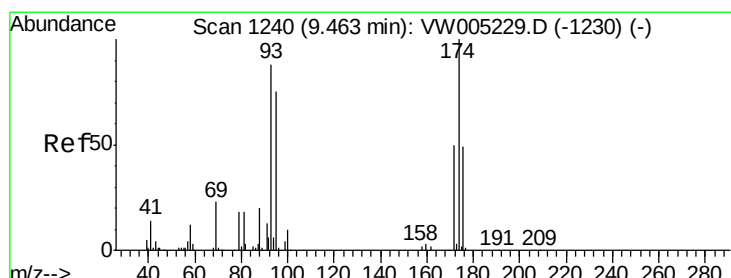
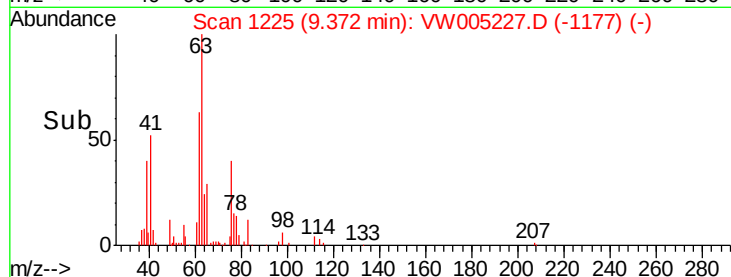
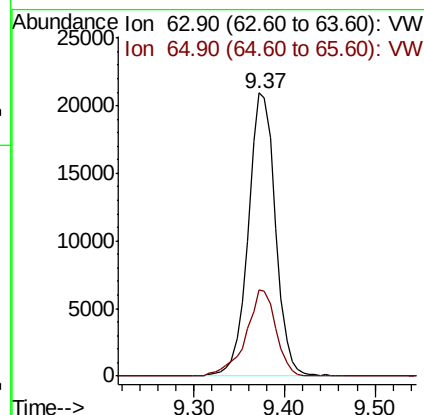
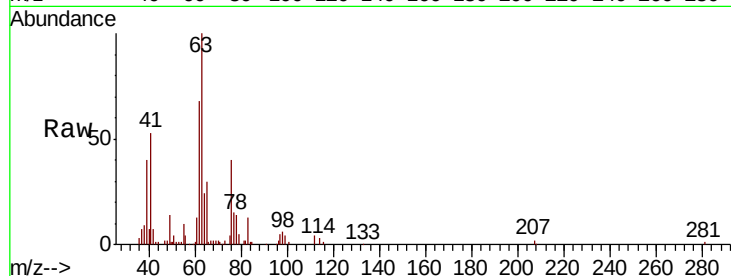
#45
 1,2-Dichloropropane
 Concen: 9.12 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.8	35.8

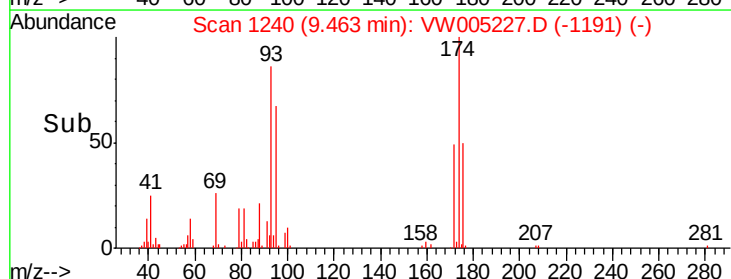
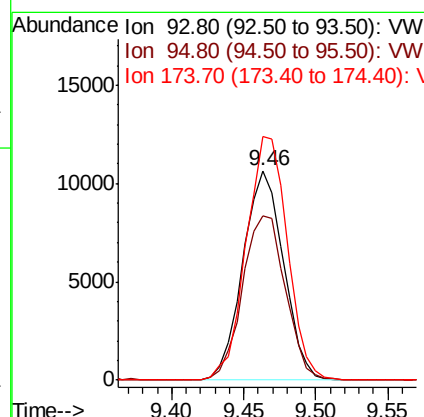
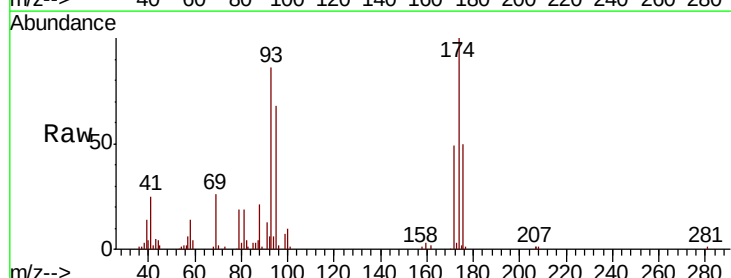
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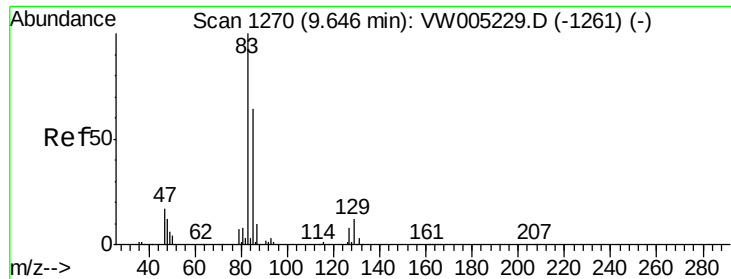
apatel
 9/10/2018 10:42:03 AM



#46
 Dibromomethane
 Concen: 9.16 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.4	101.2
174	117.6	91.9	137.9





#47

Bromodichloromethane

Concen: 9.08 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

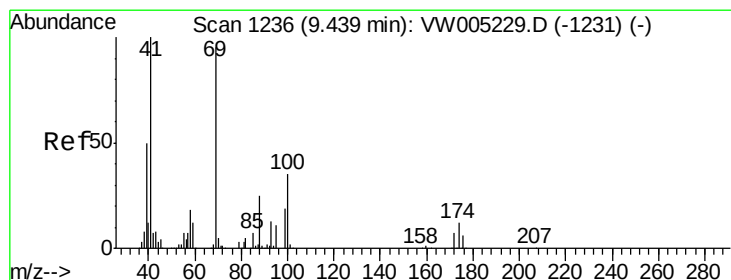
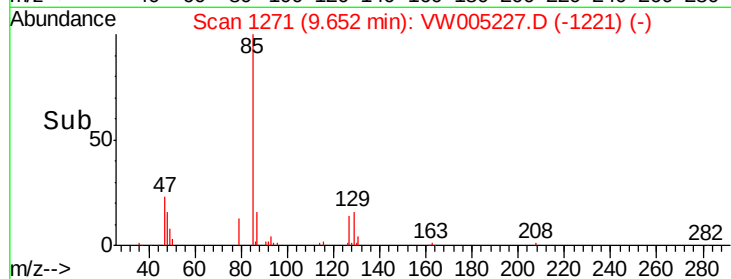
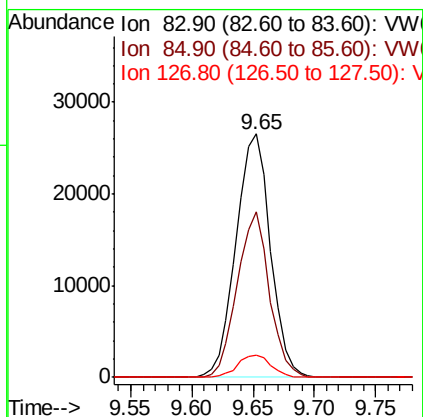
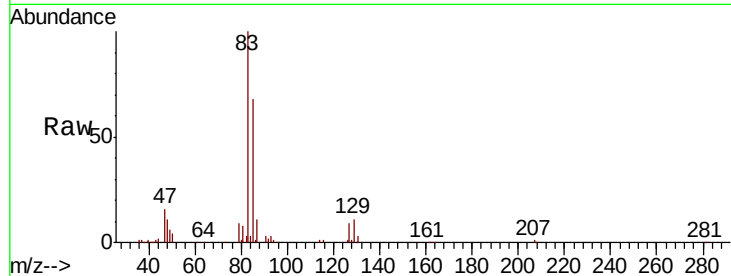
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	51922
Ion Ratio	Lower	Upper	
83	100		
85	67.9	51.0	76.6
127	9.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 10.18 ug/l

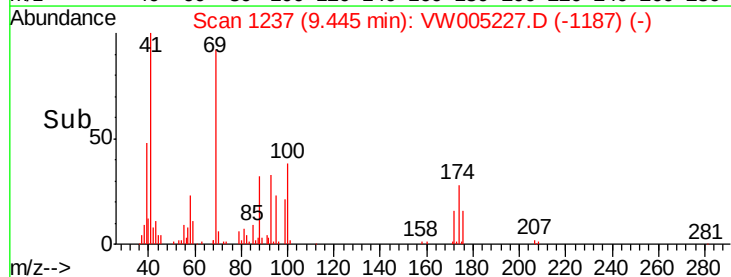
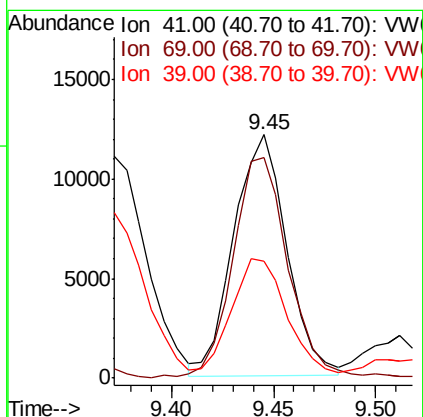
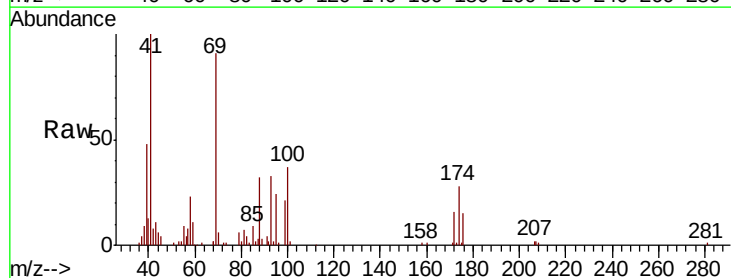
RT: 9.45 min Scan# 1237

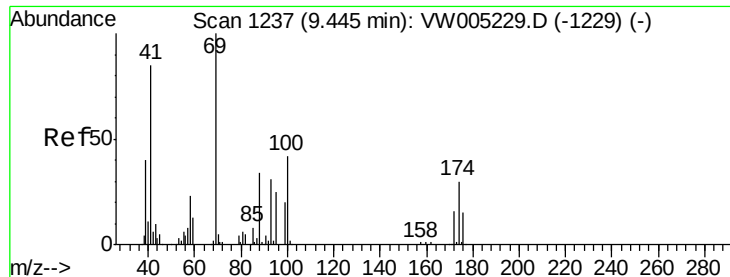
Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	41	Resp:	21998
Ion Ratio	Lower	Upper	
41	100		
69	96.4	73.6	110.4
39	53.2	36.9	55.3





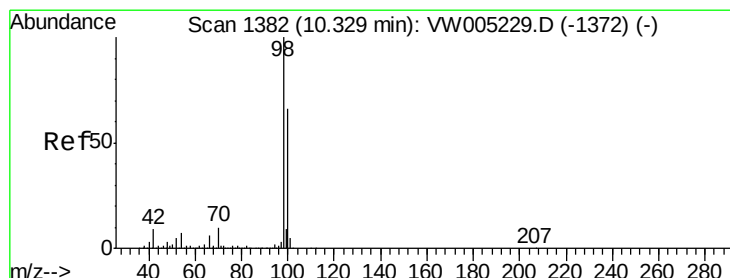
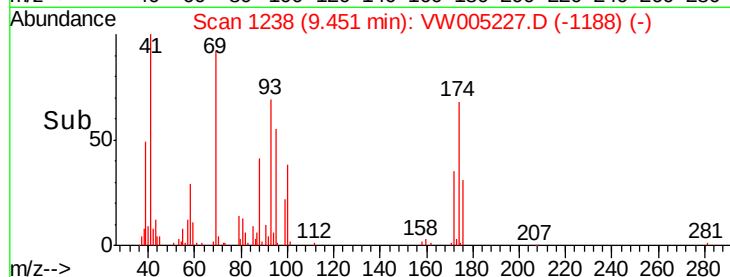
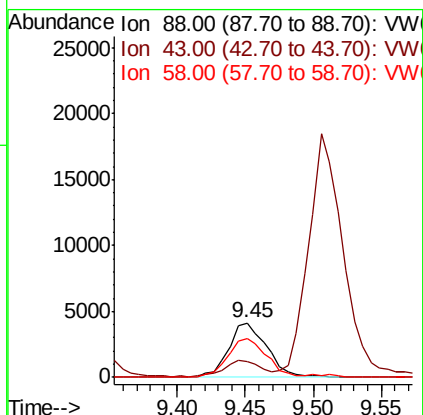
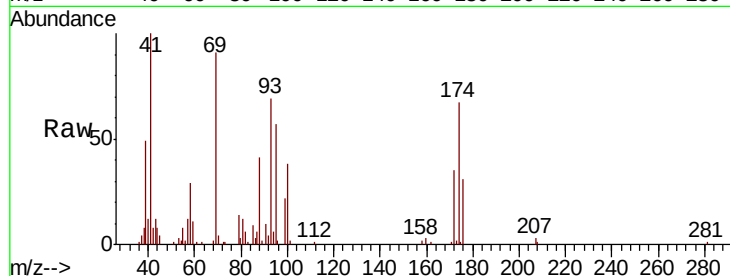
#49
1,4-Dioxane
Concen: 216.86 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	22.1	33.1
58	72.2	53.8	80.6

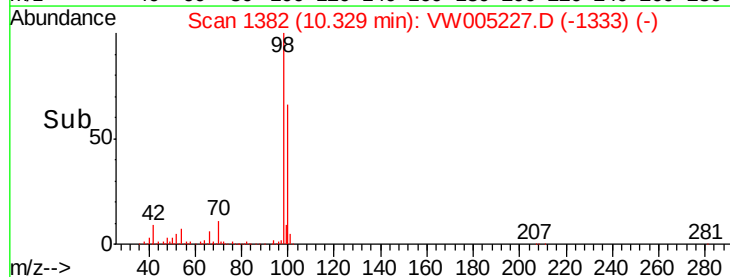
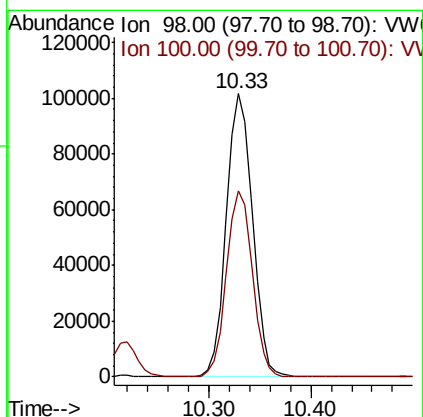
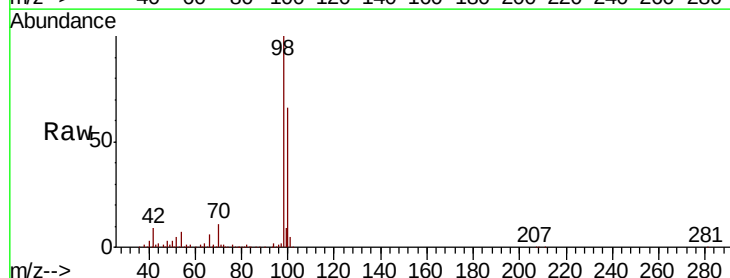
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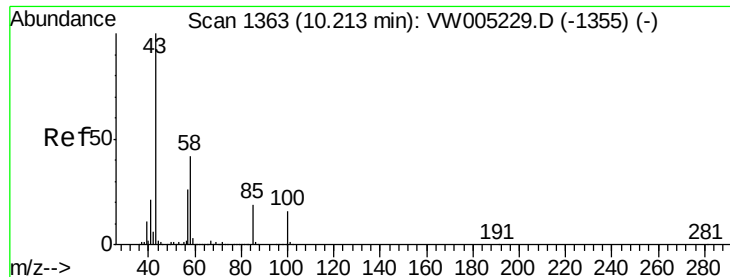
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#50
Toluene-d8
Concen: 9.93 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 43.70 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 125020

Ion Ratio Lower Upper

43 100

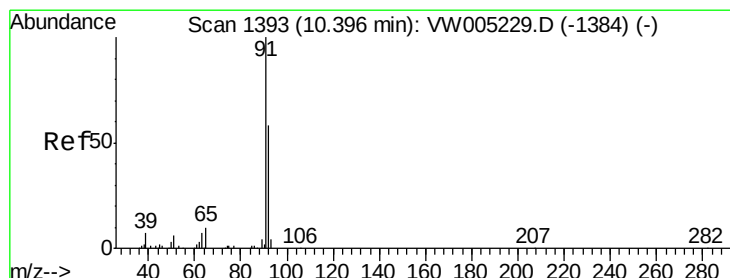
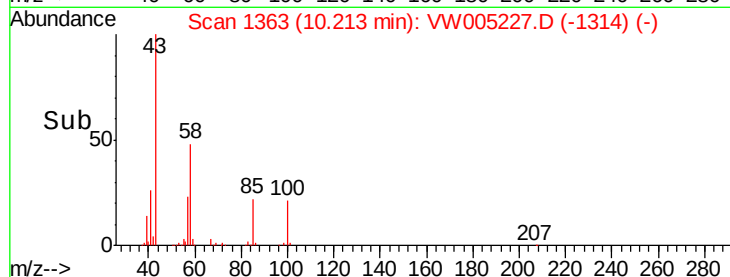
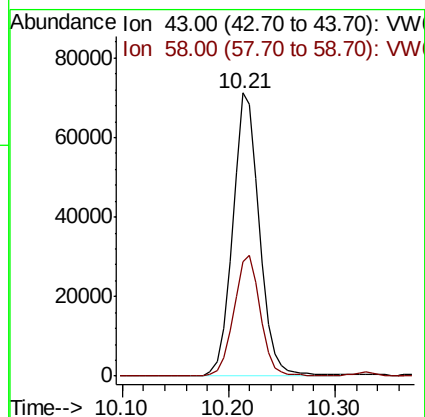
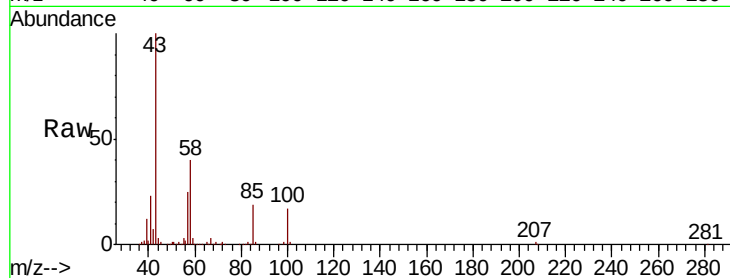
58 42.5 33.3 49.9

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#52

Toluene

Concen: 10.15 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005227.D

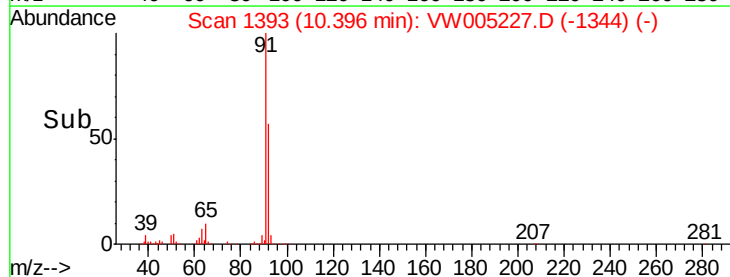
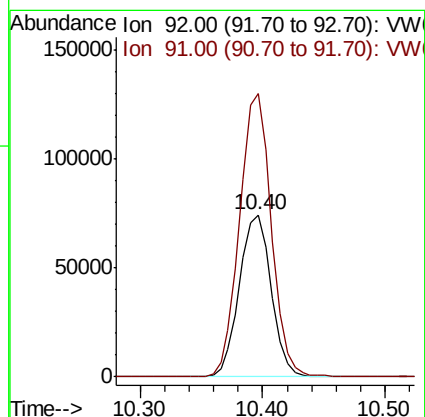
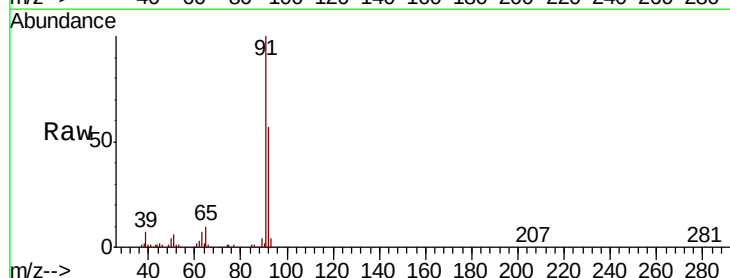
Acq: 08 Sep 2018 00:12

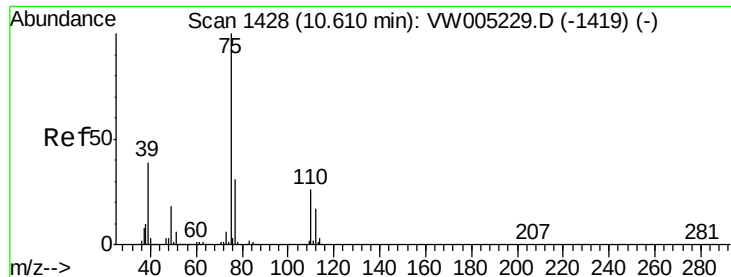
Tgt Ion: 92 Resp: 134308

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0





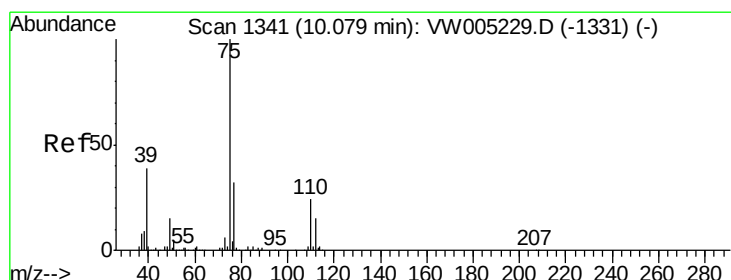
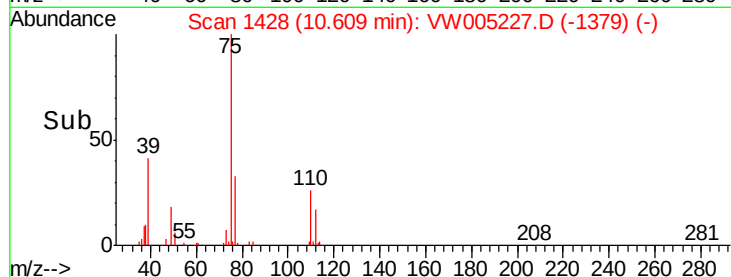
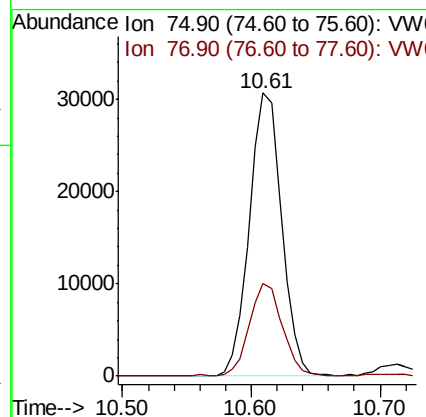
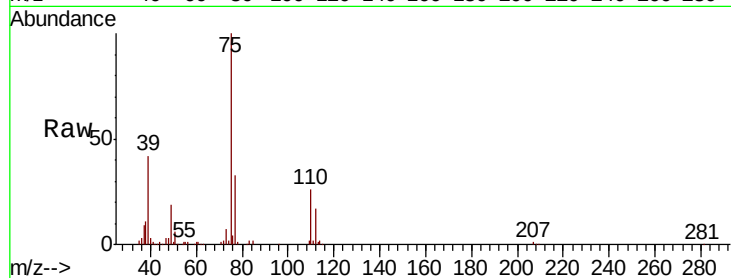
#53
 t-1,3-Dichloropropene
 Concen: 9.38 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.7	37.1

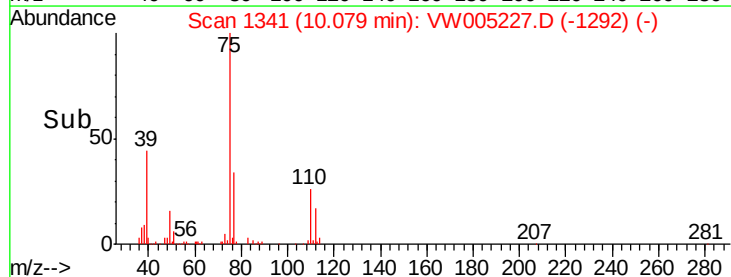
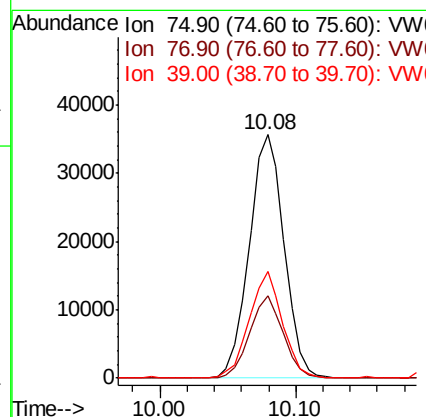
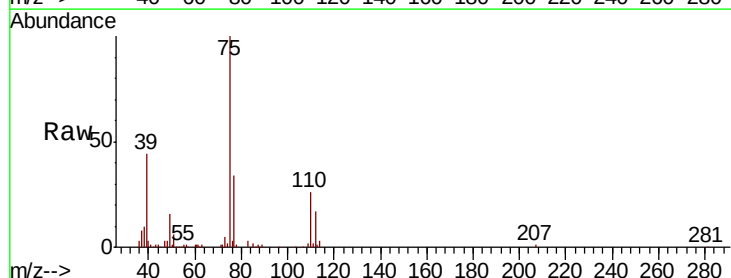
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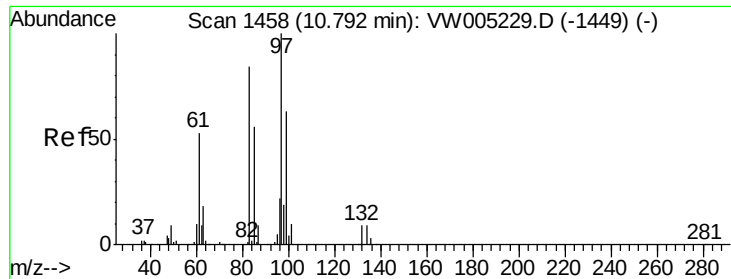
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#54
 cis-1,3-Dichloropropene
 Concen: 9.34 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.0
39	43.9	31.2	46.8





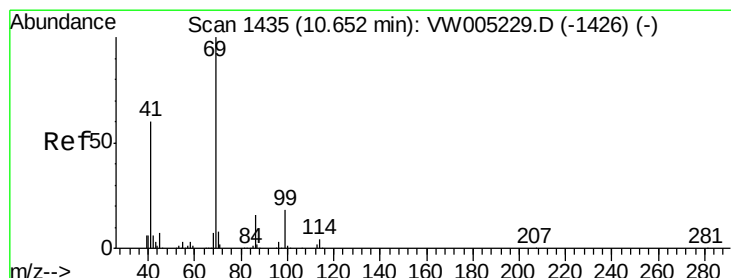
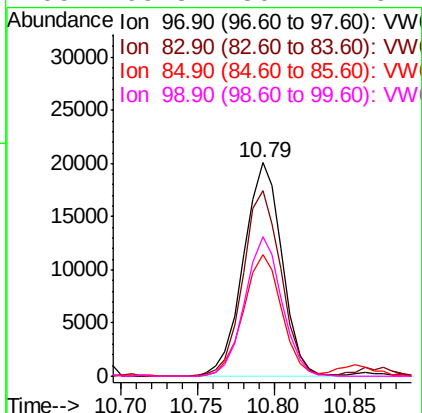
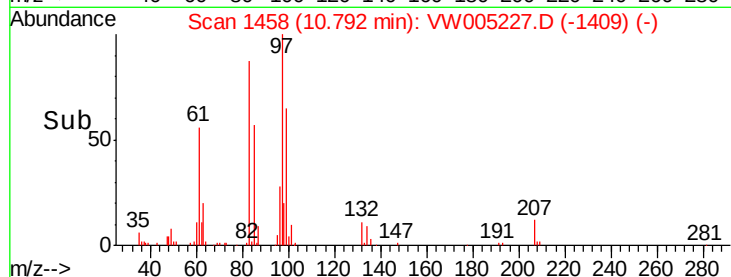
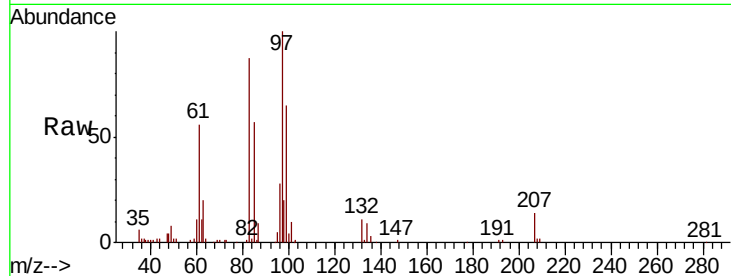
#55
 1,1,2-Trichloroethane
 Concen: 9.96 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	35249
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.4	101.0
85	56.7	44.6	66.8
99	65.3	50.1	75.1

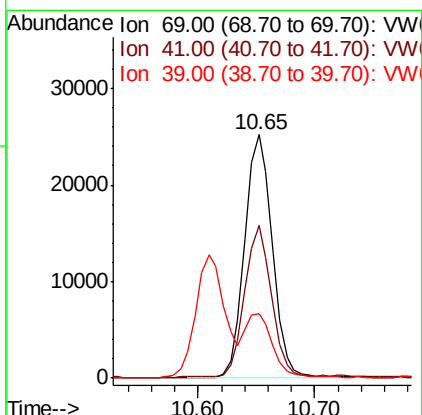
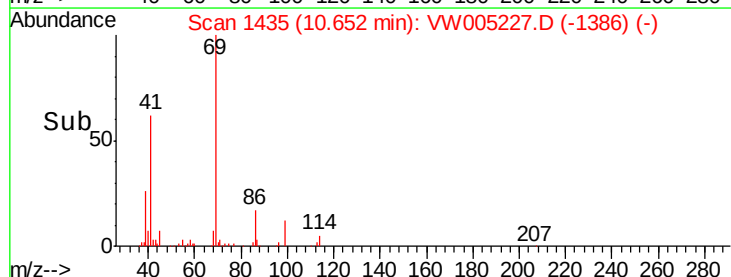
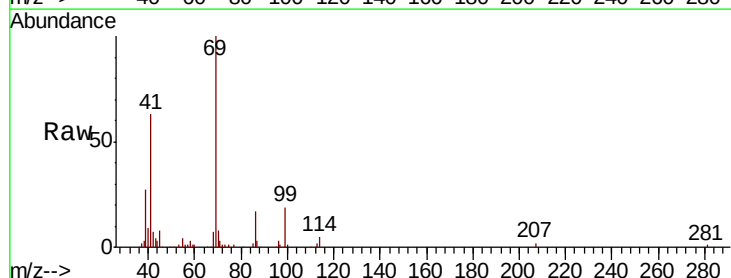
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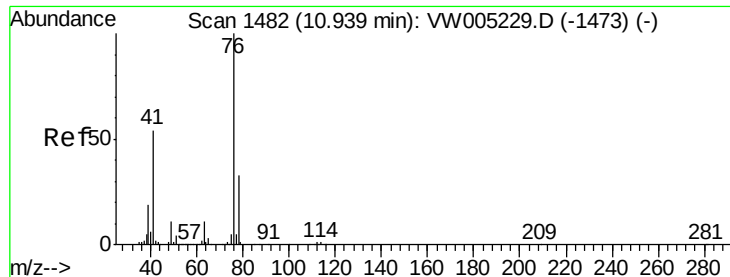
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#56
 Ethyl methacrylate
 Concen: 10.27 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:	69	Resp:	42252
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.9	71.9
39	26.3	20.9	31.3





#57

1,3-Dichloropropane

Concen: 10.04 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 76 Resp: 58775

Ion Ratio Lower Upper

76 100

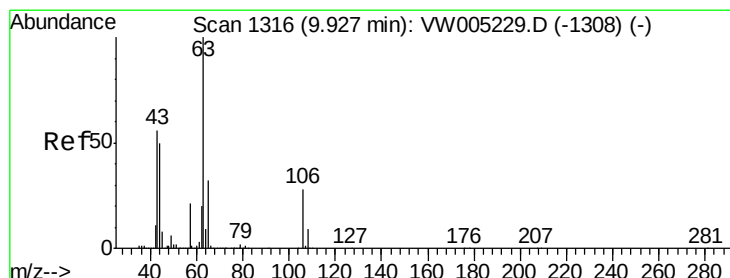
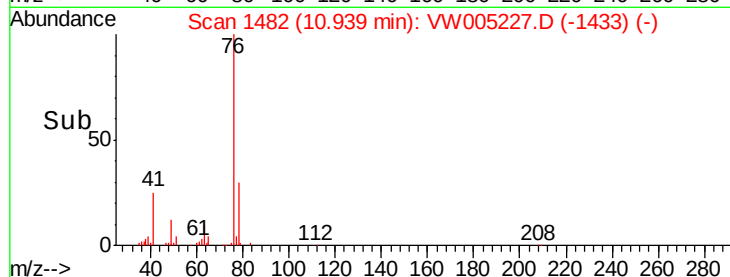
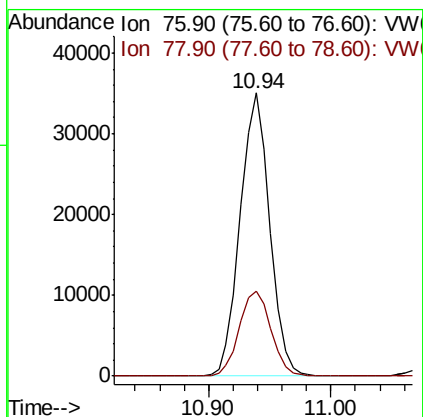
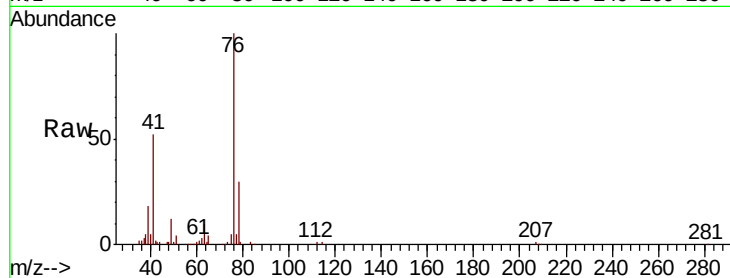
78 32.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 48.79 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005227.D

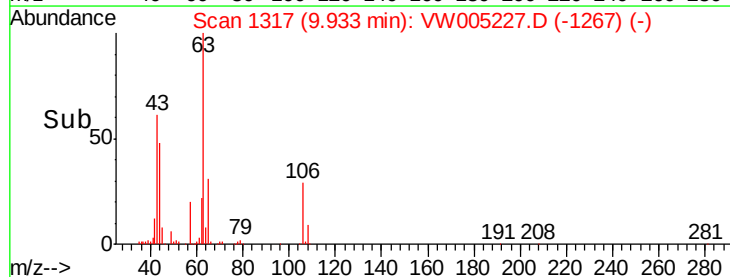
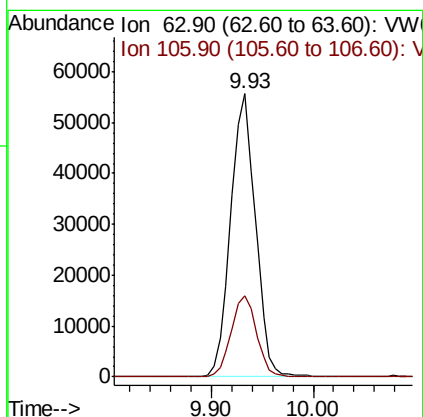
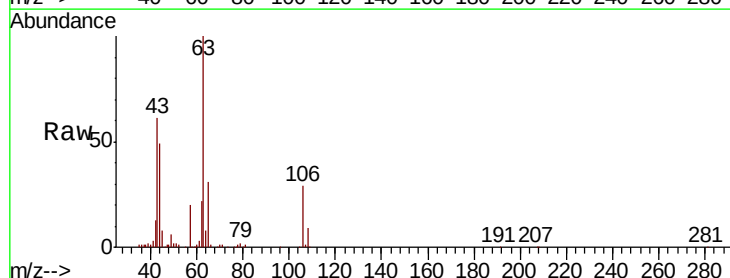
Acq: 08 Sep 2018 00:12

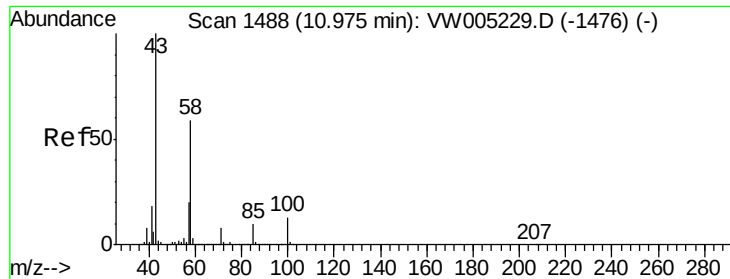
Tgt Ion: 63 Resp: 93540

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





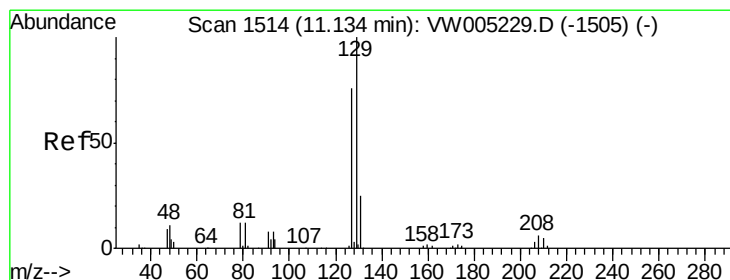
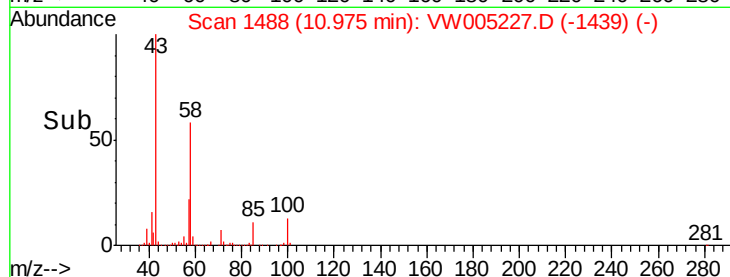
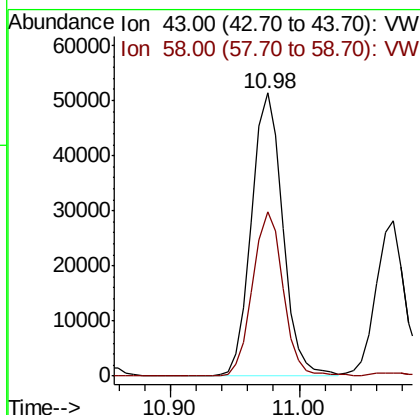
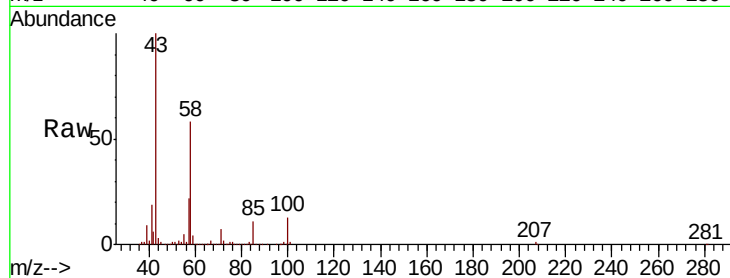
#59
2-Hexanone
Concen: 44.28 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 86070
Ion Ratio Lower Upper
43 100
58 56.8 29.2 87.6

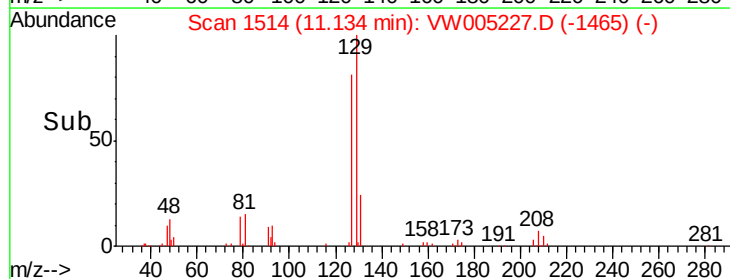
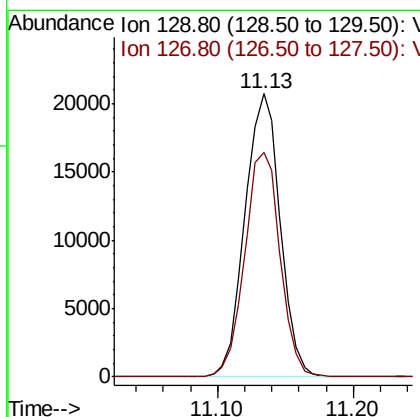
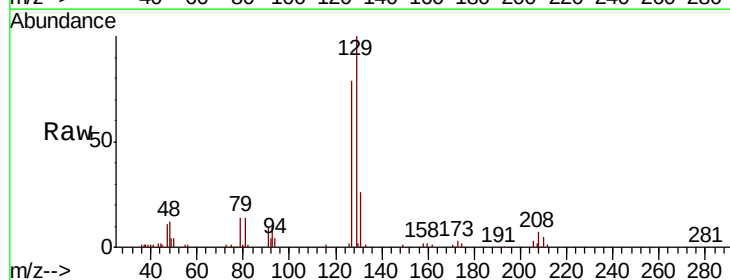
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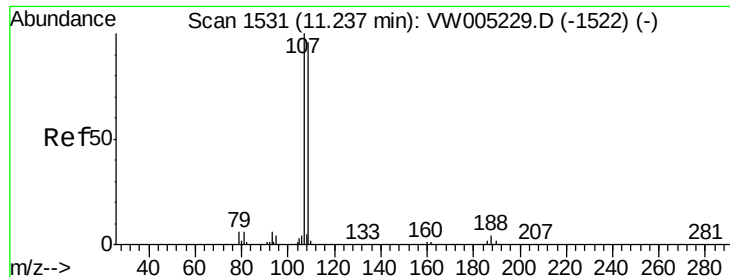
apatel
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#60
Dibromochloromethane
Concen: 9.38 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion: 129 Resp: 37572
Ion Ratio Lower Upper
129 100
127 79.7 38.7 116.1





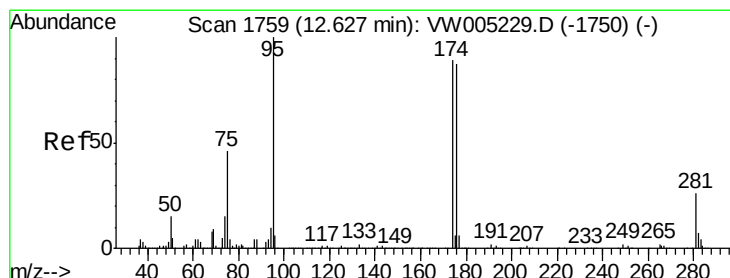
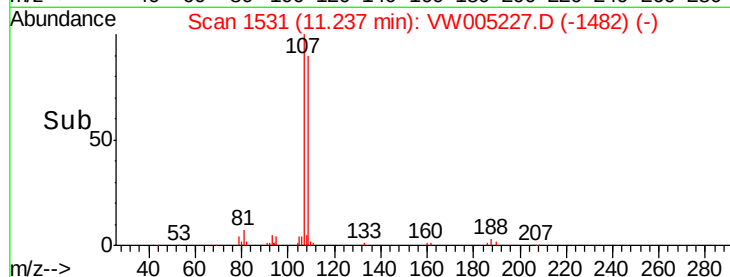
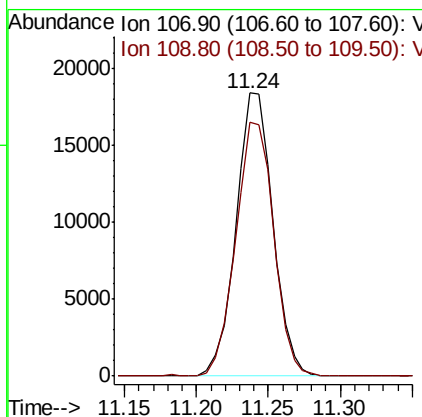
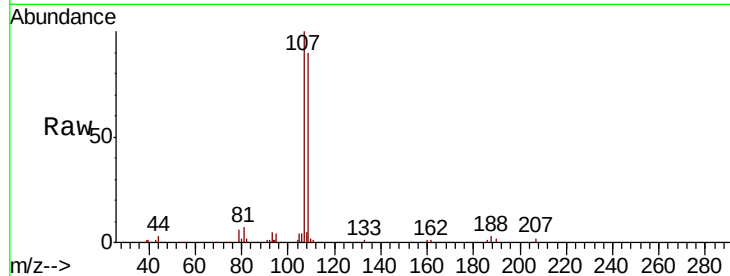
#61
 1,2-Dibromoethane
 Concen: 10.16 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 32683
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.6 115.0

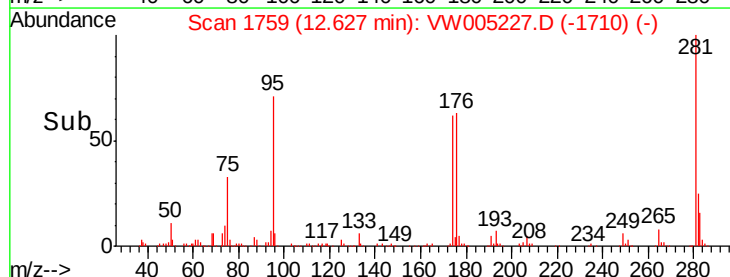
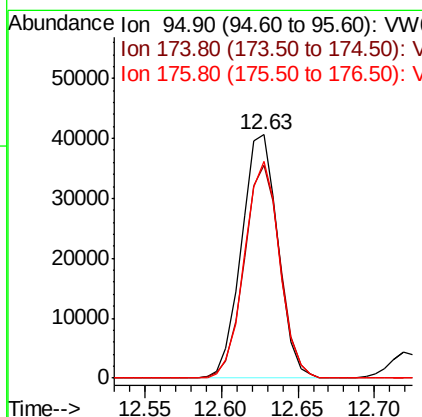
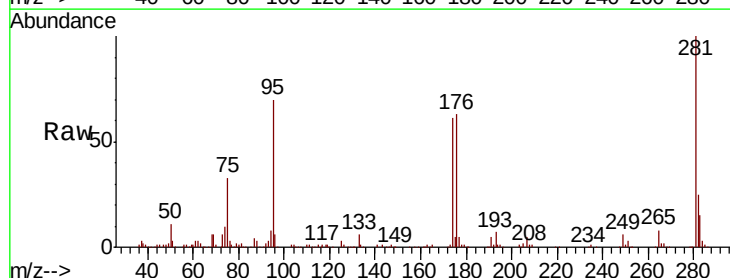
Manual Integrations
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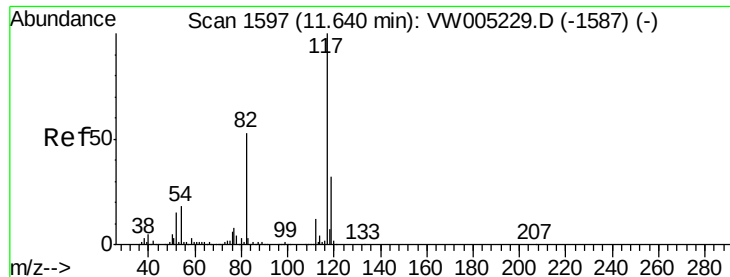
apatel
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#62
 4-Bromofluorobenzene
 Concen: 10.43 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion: 95 Resp: 67211
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 173.2
 176 86.1 0.0 167.2





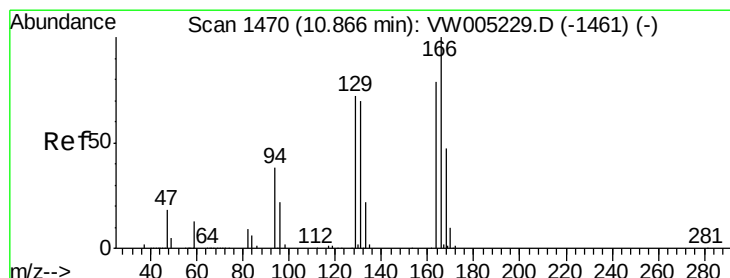
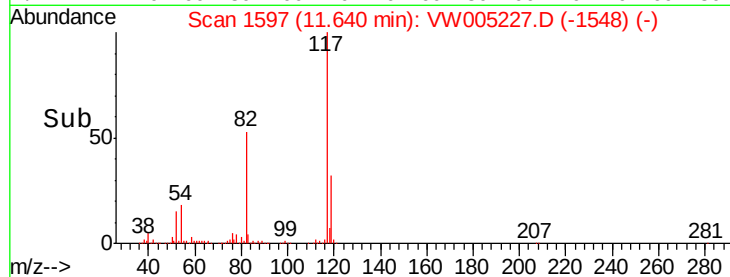
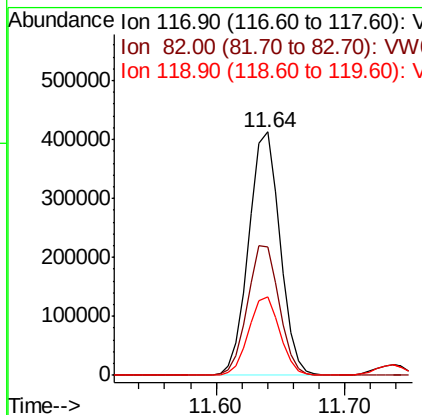
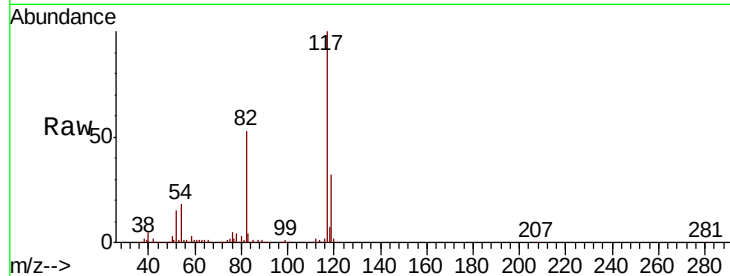
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	691833		
82	52.9		42.3	63.5
119	32.2		25.7	38.5

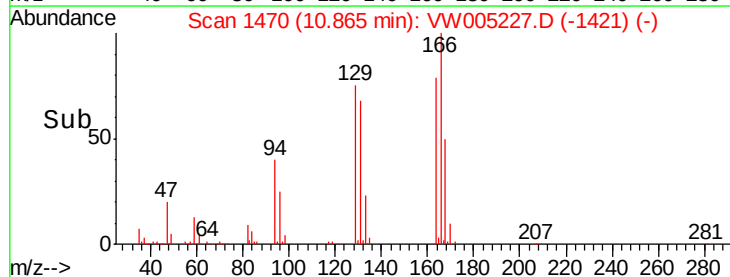
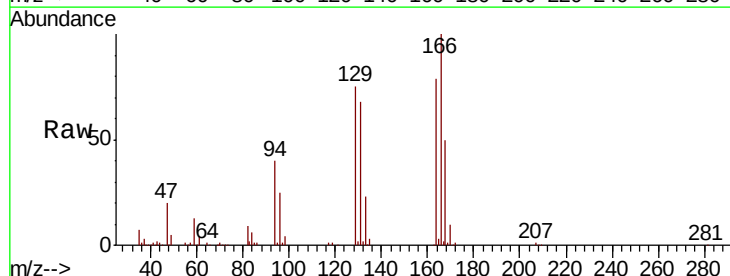
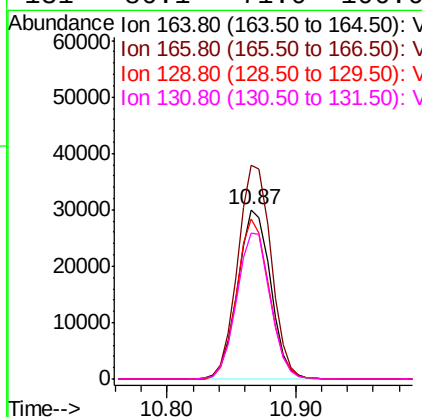
Manual Integrations
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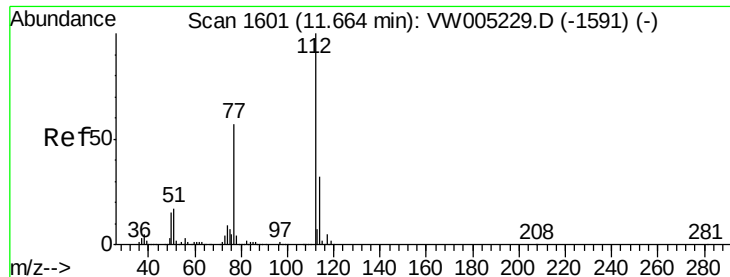
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#64
Tetrachloroethene
Concen: 9.82 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53058		
166	126.2		101.0	151.6
129	94.3		73.0	109.4
131	86.1		71.0	106.6





#65

Chlorobenzene

Concen: 9.87 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:112 Resp: 151668

Ion Ratio Lower Upper

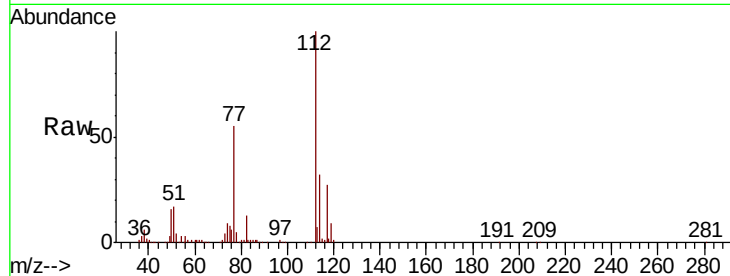
112 100

114 32.0 25.7 38.5

Manual Integrations
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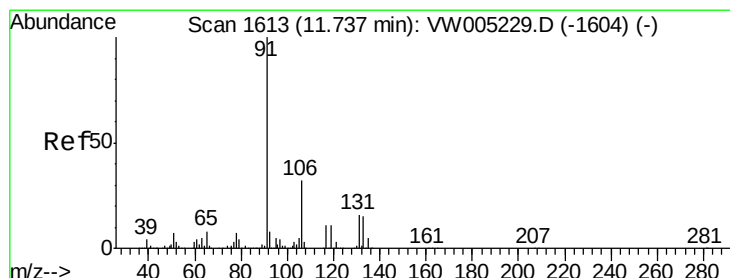
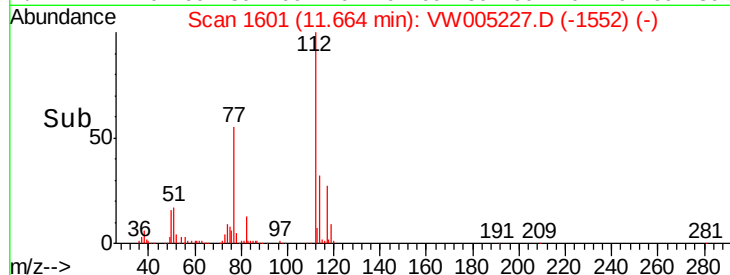
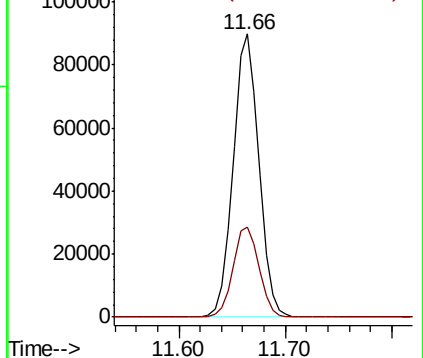
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.46 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

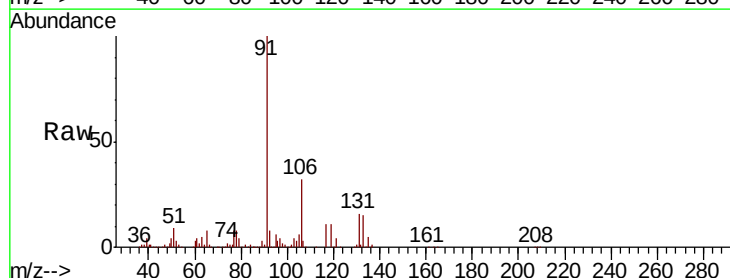
Tgt Ion:131 Resp: 44355

Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

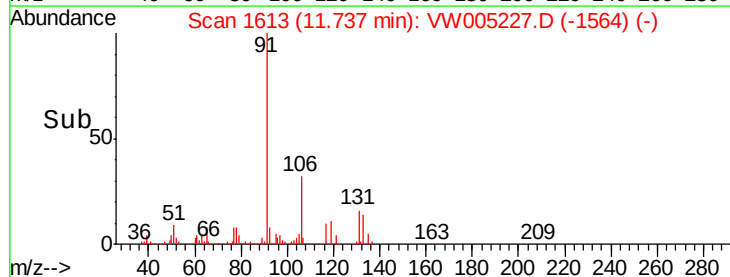
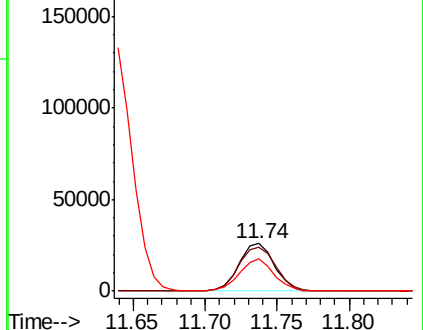
119 65.9 33.3 99.8

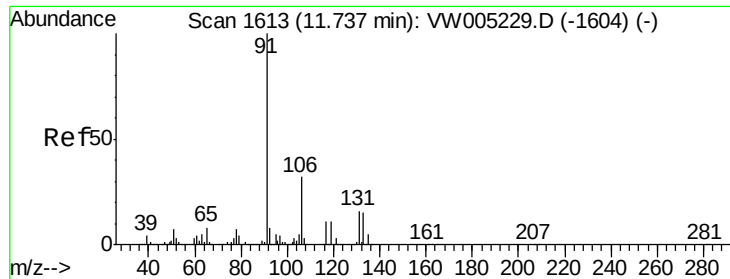


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





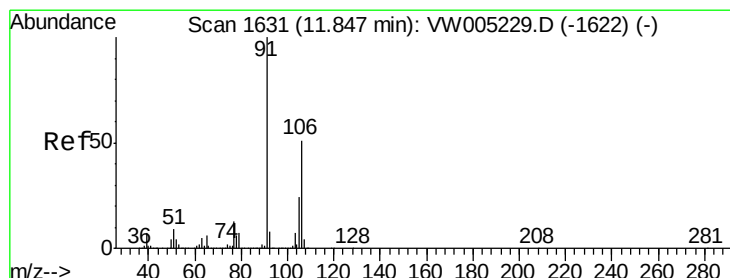
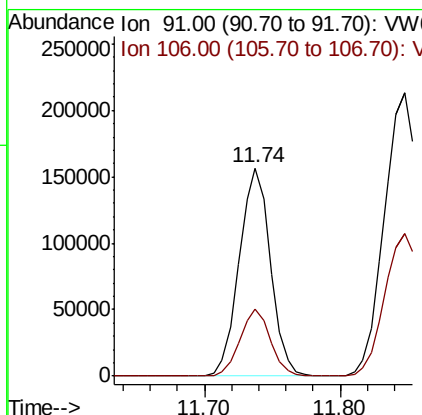
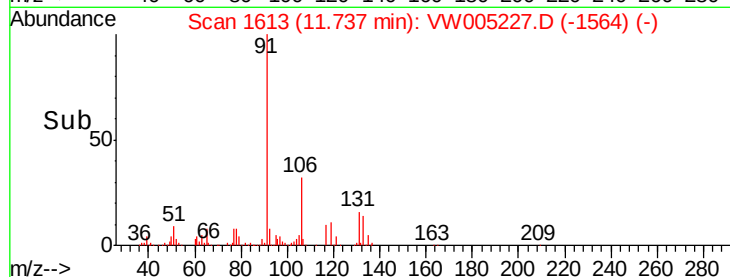
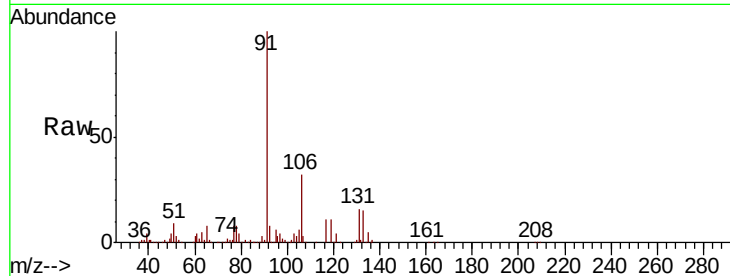
#67
Ethyl Benzene
Concen: 9.68 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.5	38.3

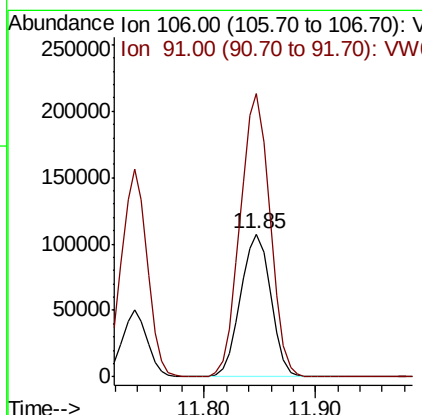
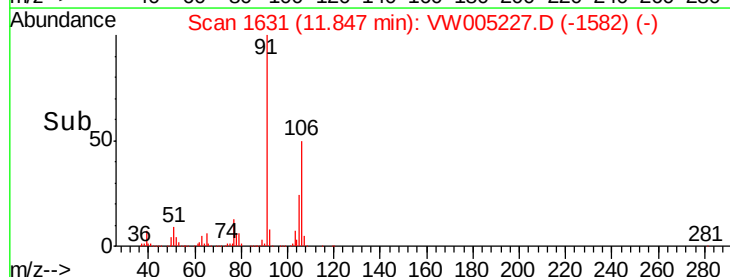
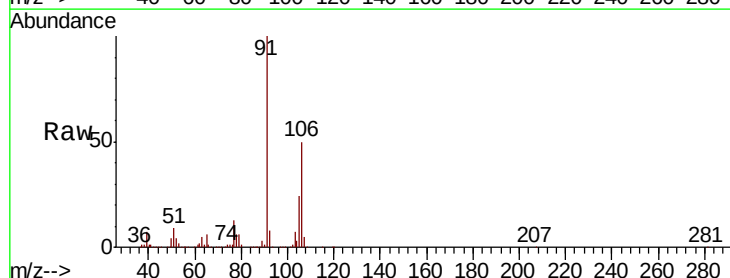
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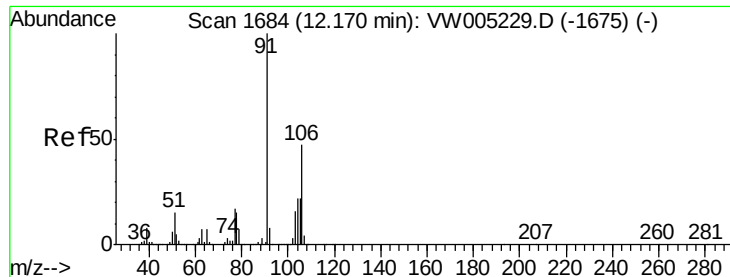
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#68
m/p-Xylenes
Concen: 19.57 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.7	157.4	236.2





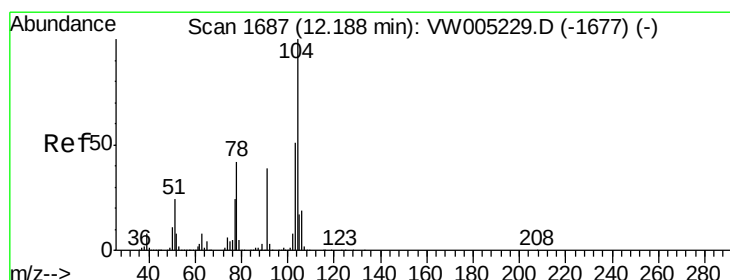
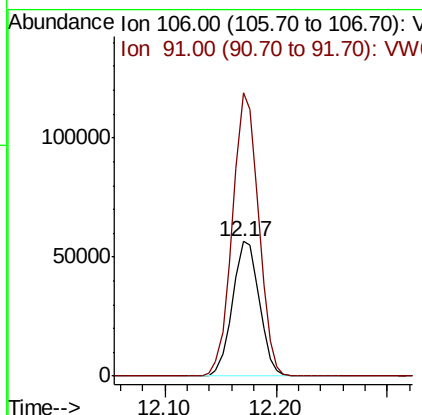
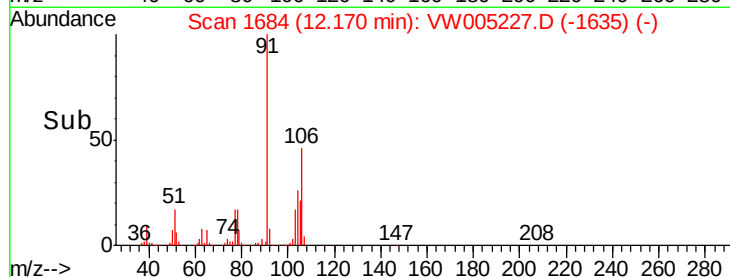
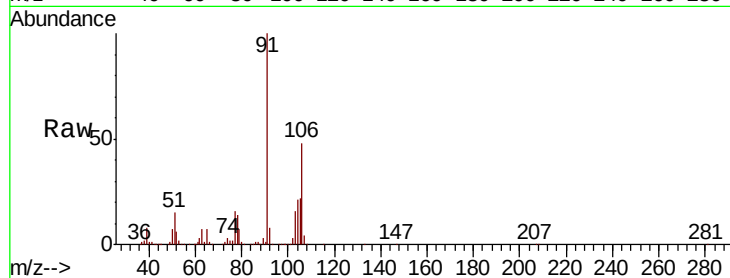
#69
o-Xylene
Concen: 9.83 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.8	104.5	313.3

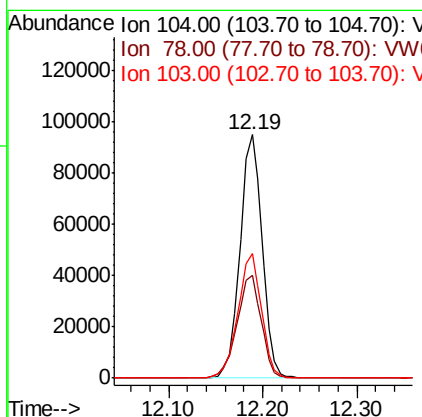
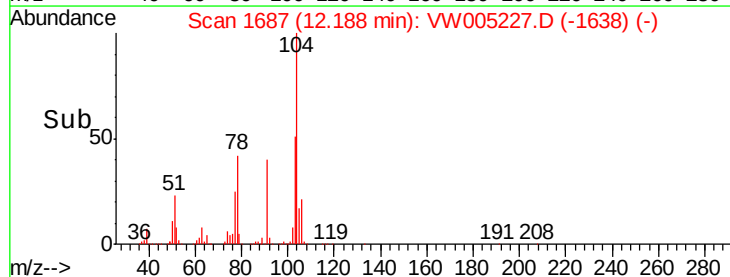
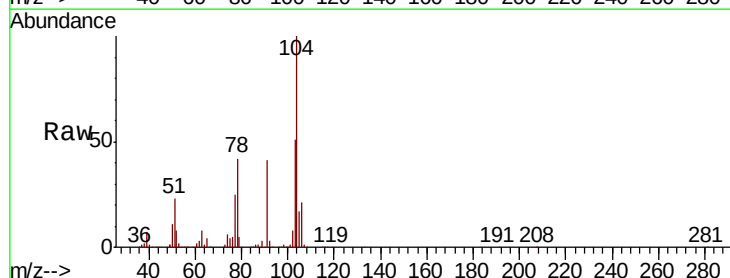
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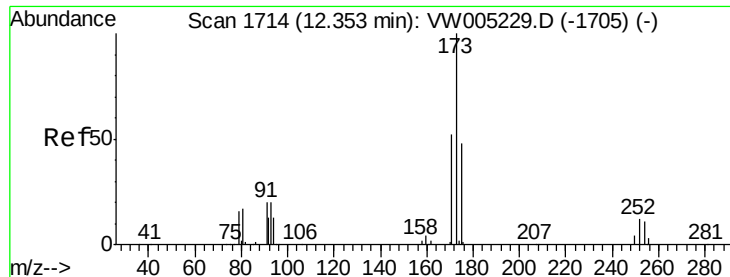
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#70
Styrene
Concen: 9.81 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.9	56.9
103	54.4	44.1	66.1





#71

Bromoform

Concen: 9.59 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

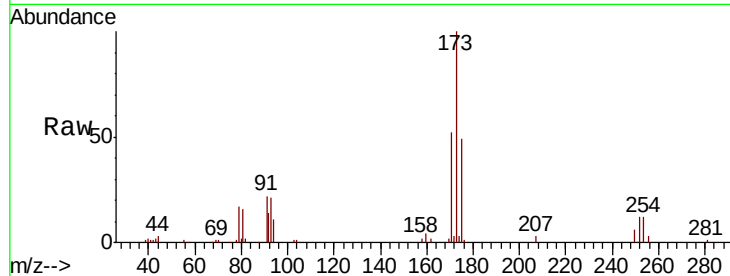
ClientSampleId :

VSTDIC010

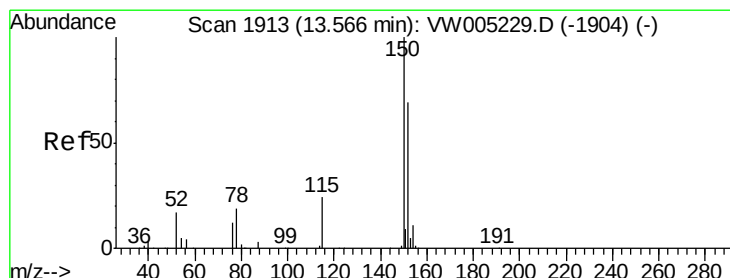
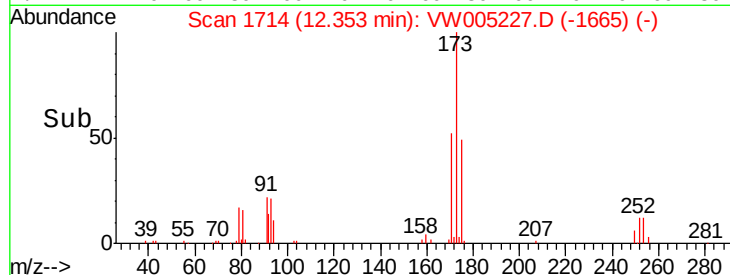
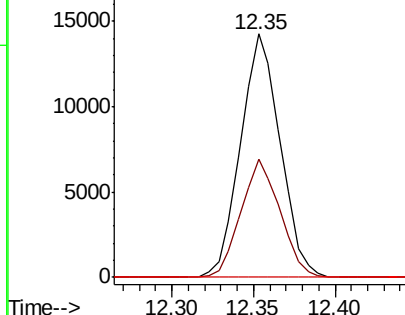
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.0	72.0
254	0.0	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

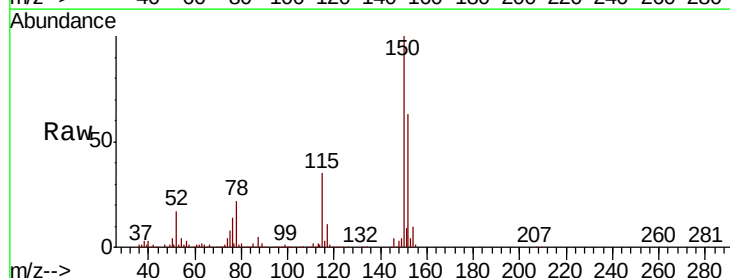
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

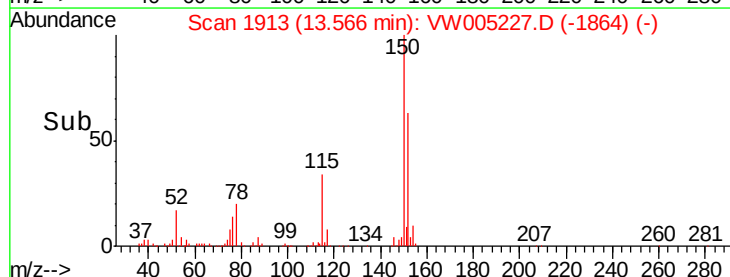
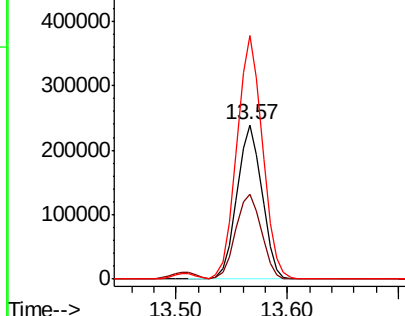
Lab File: VW005227.D

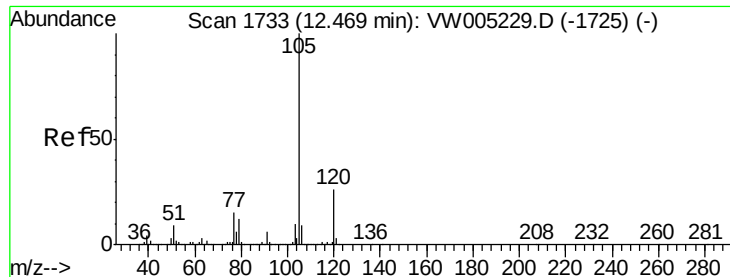
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.1	84.3
150	161.5	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: 9.56 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 247043

Ion Ratio Lower Upper

105 100

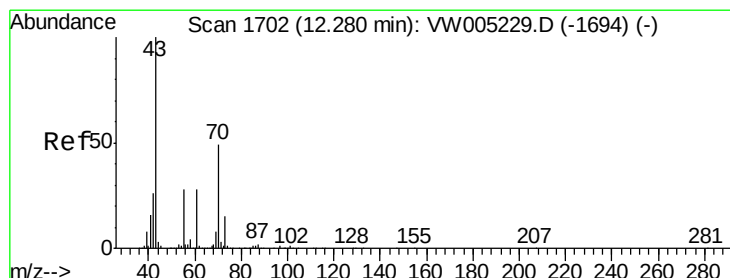
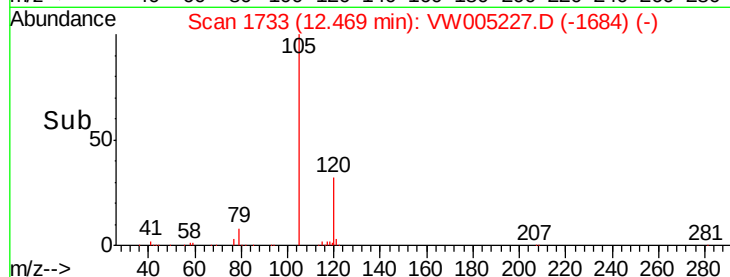
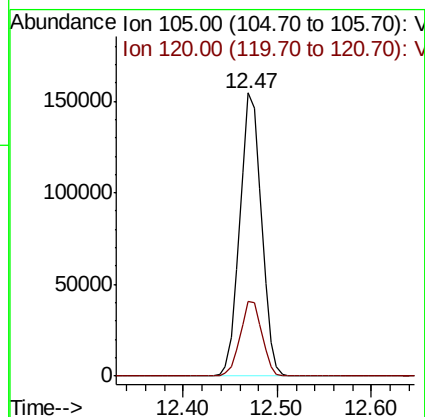
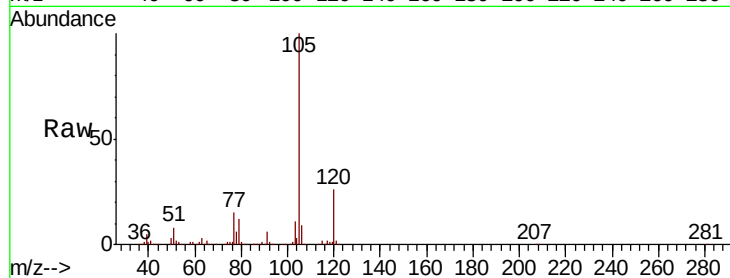
120 26.5 13.4 40.1

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#74

N-ethyl acetate

Concen: 10.55 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion: 43 Resp: 48392

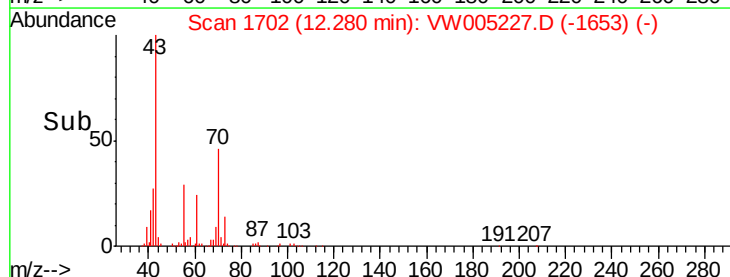
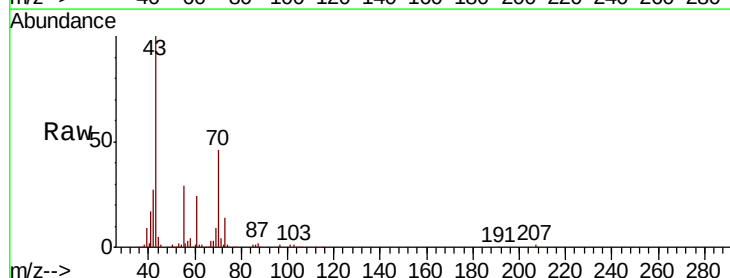
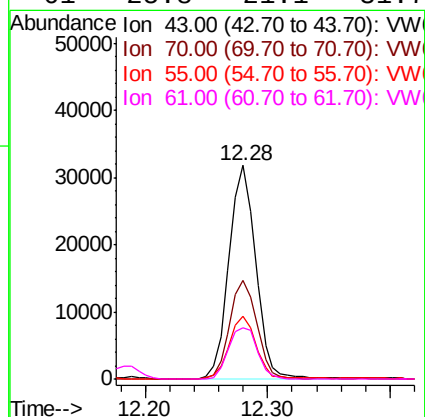
Ion Ratio Lower Upper

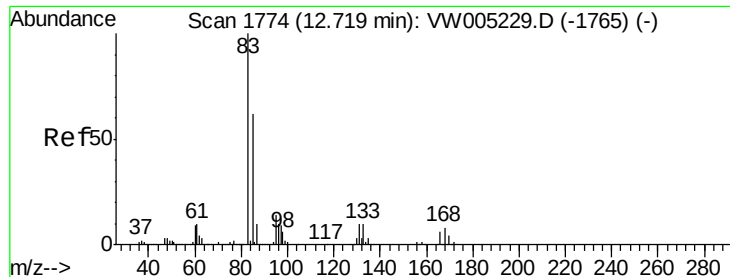
43 100

70 46.4 38.3 57.5

55 29.9 22.5 33.7

61 25.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 10.29 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

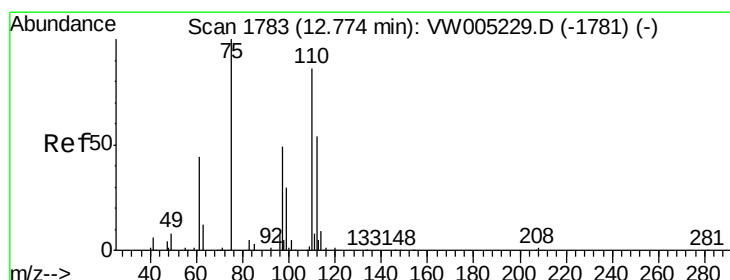
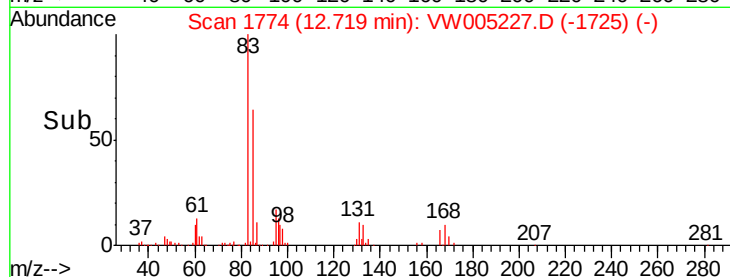
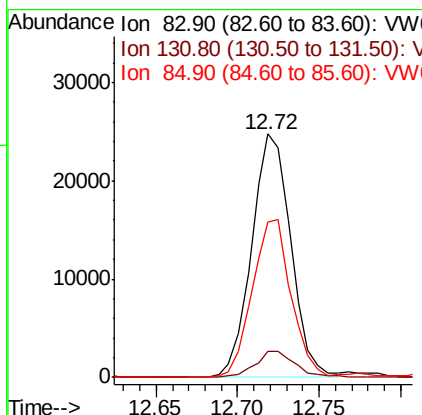
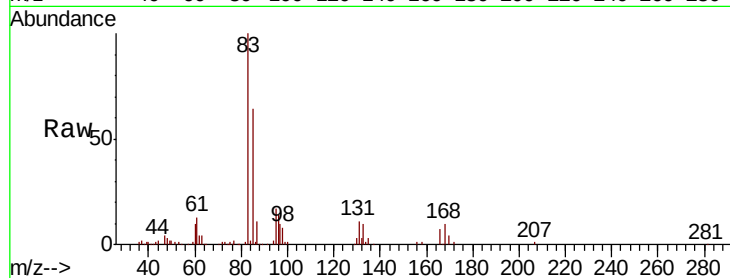
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	41297
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	64.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 10.34 ug/l m

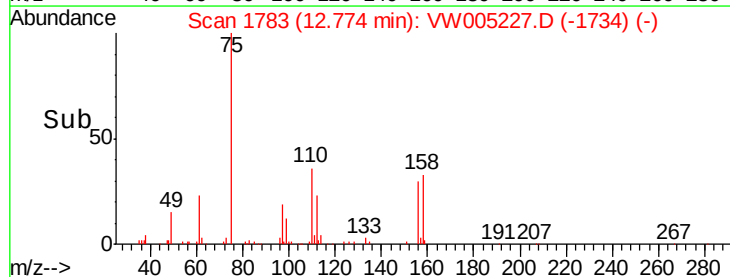
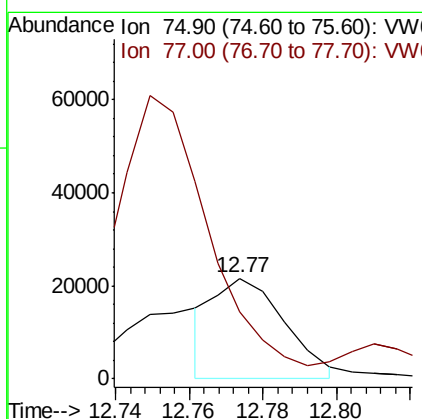
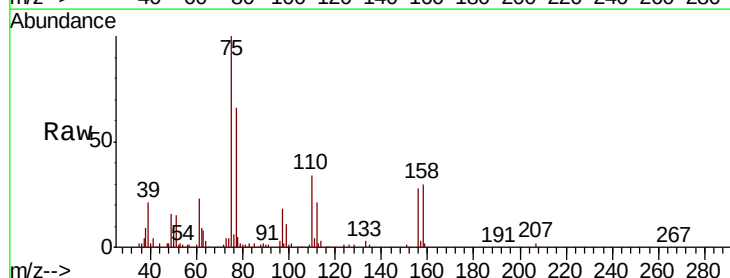
RT: 12.77 min Scan# 1783

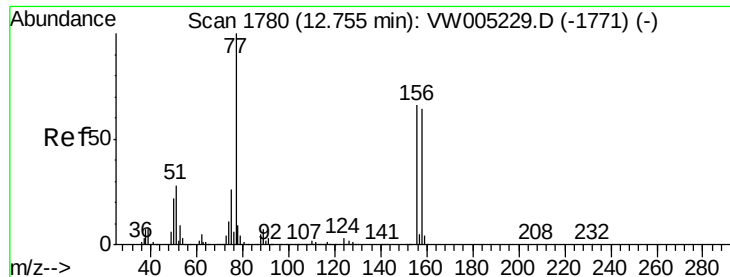
Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion:	75	Resp:	29123
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.83 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:156 Resp: 62747

Ion Ratio Lower Upper

156 100

77 174.4 86.4 259.2

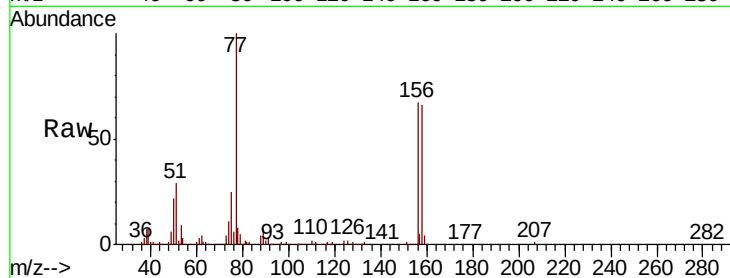
158 101.0 48.4 145.0

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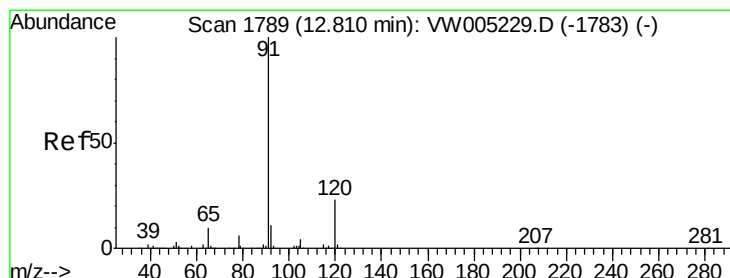
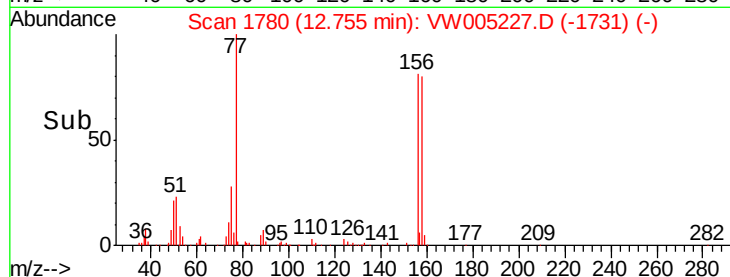
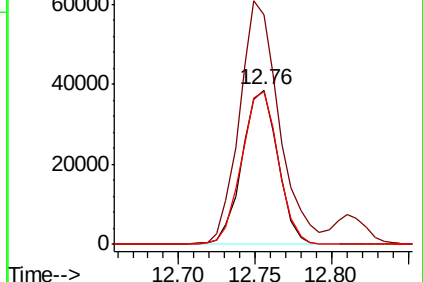
9/10/2018 10:42:03 AM



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: 9.54 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005227.D

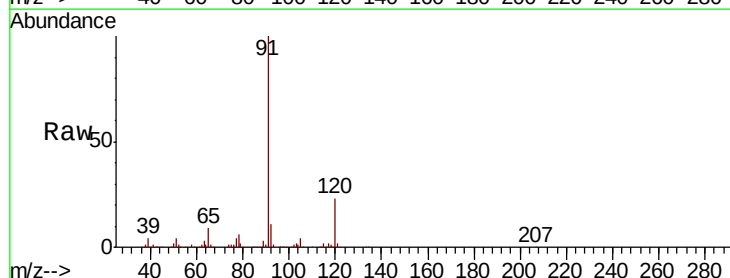
Acq: 08 Sep 2018 00:12

Tgt Ion: 91 Resp: 296910

Ion Ratio Lower Upper

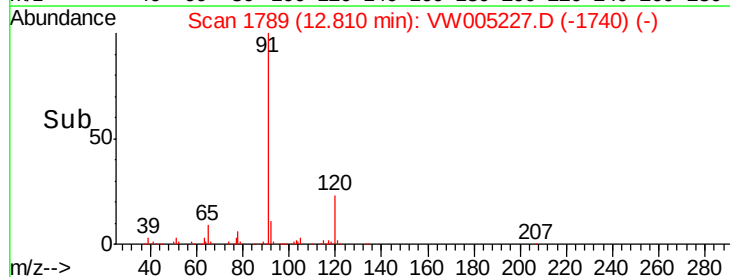
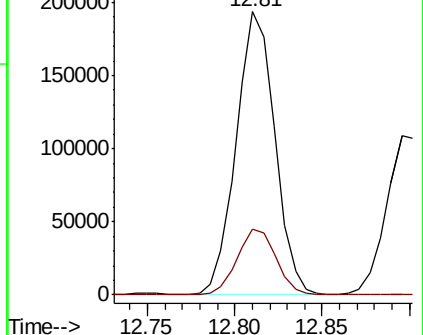
91 100

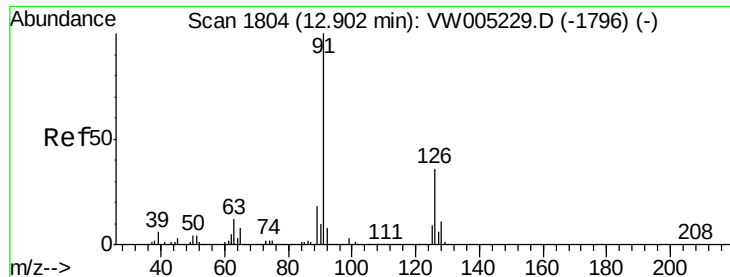
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.88 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 179690

Ion Ratio Lower Upper

91 100

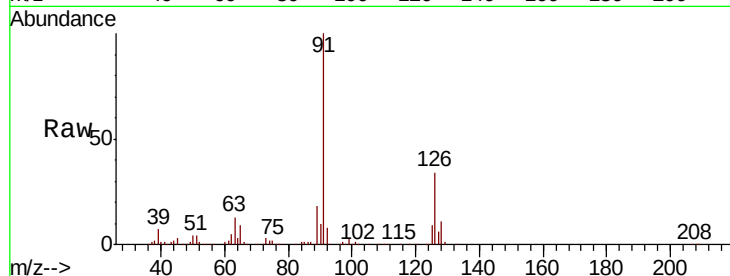
126 34.3 17.3 52.0

Manual Integrations

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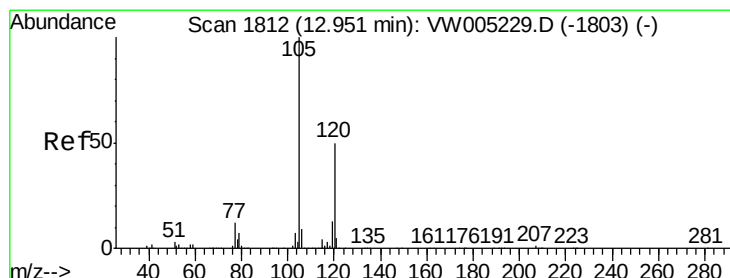
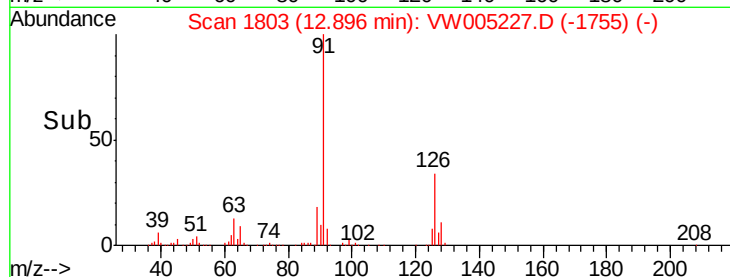
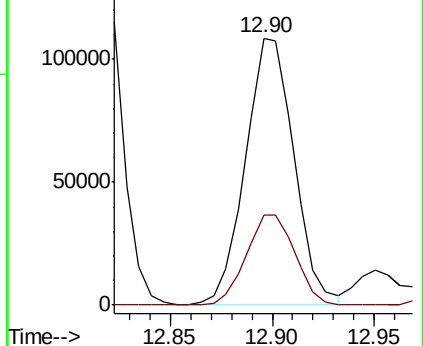
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.60 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005227.D

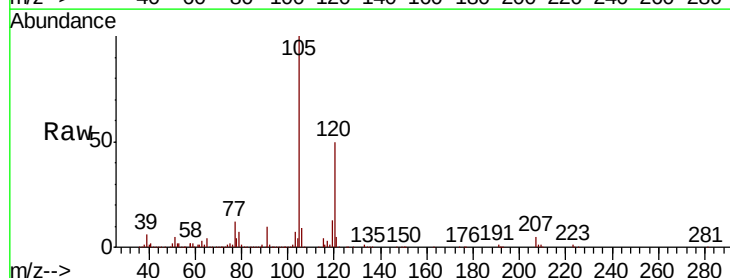
Acq: 08 Sep 2018 00:12

Tgt Ion:105 Resp: 213531

Ion Ratio Lower Upper

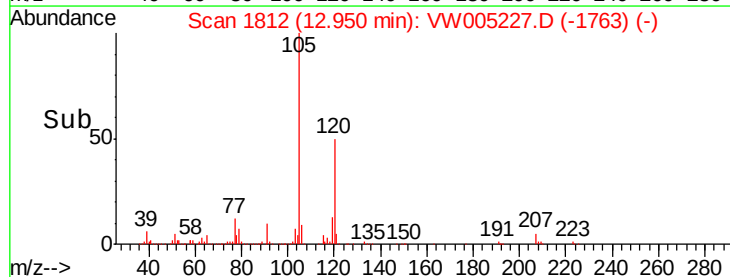
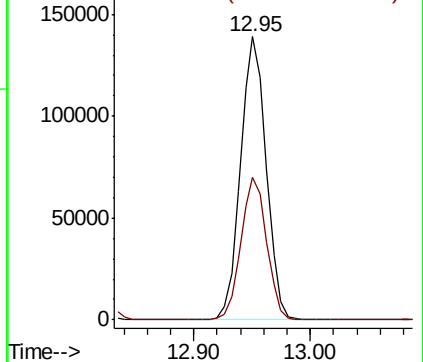
105 100

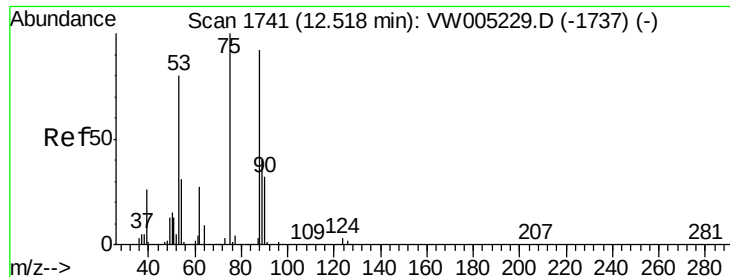
120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





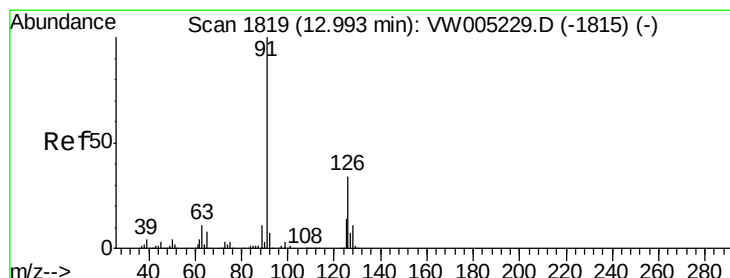
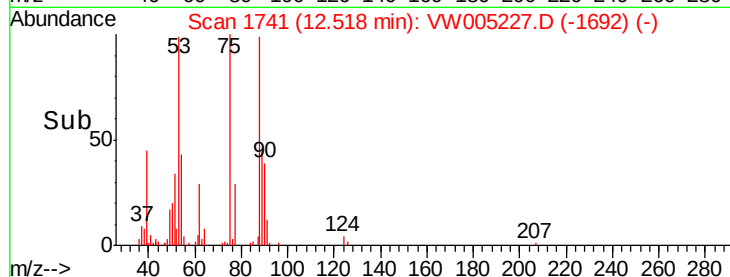
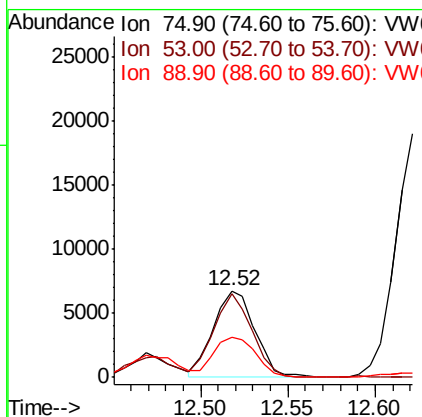
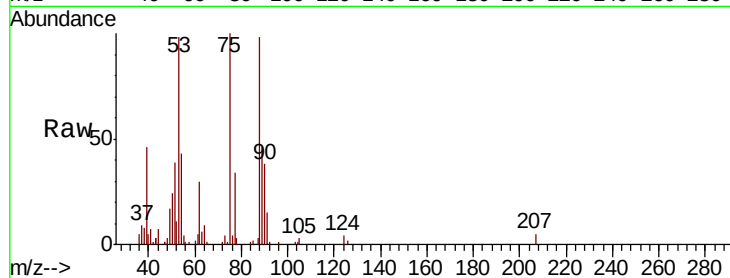
#81
trans-1,4-Dichloro-2-butene
Concen: 9.66 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	69.0	103.6
89	46.0	35.8	53.8

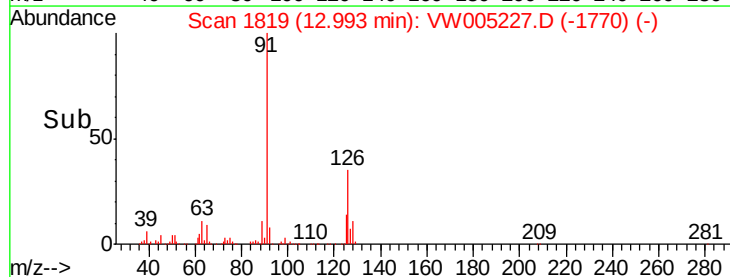
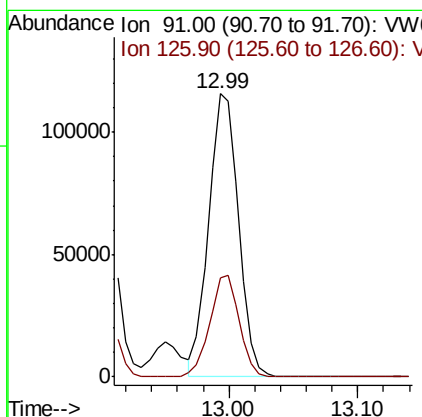
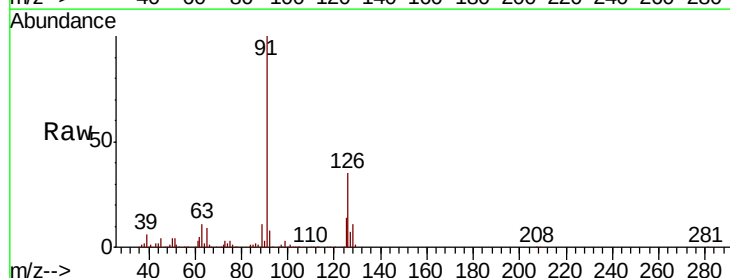
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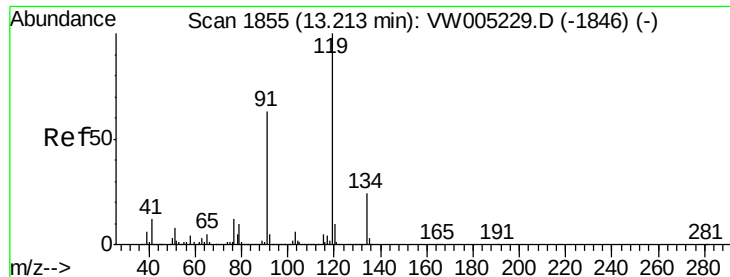
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#82
4-Chlorotoluene
Concen: 9.77 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	52.0





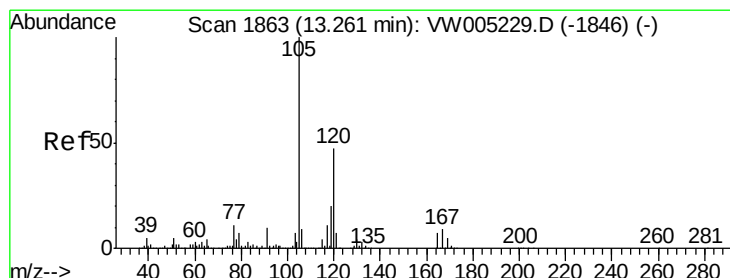
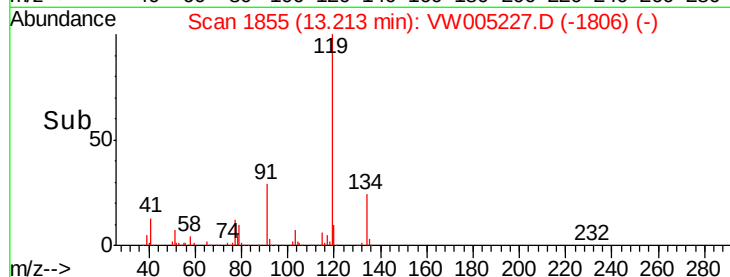
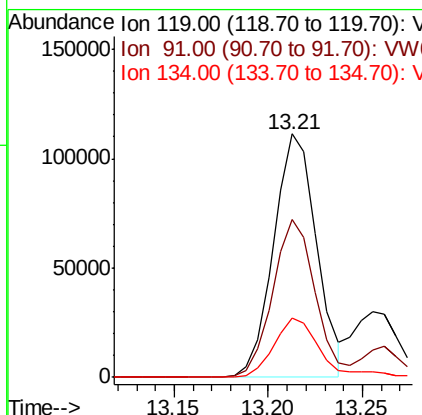
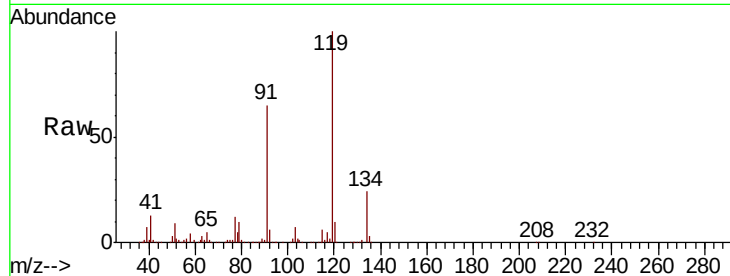
#83
tert-Butylbenzene
Concen: 9.40 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	30.8	92.3
134	26.3	12.7	38.0

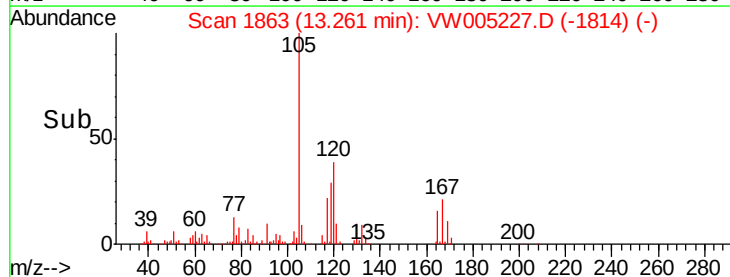
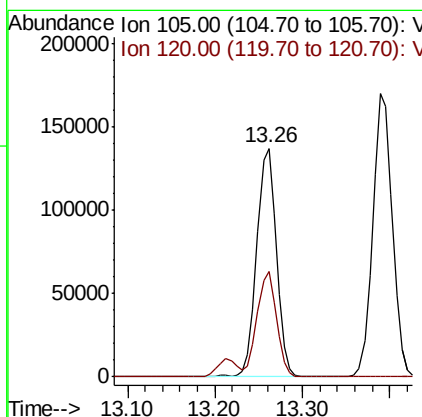
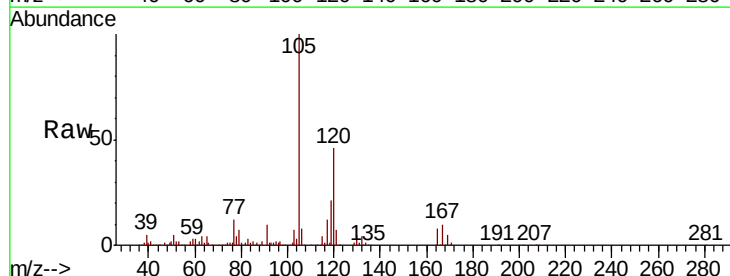
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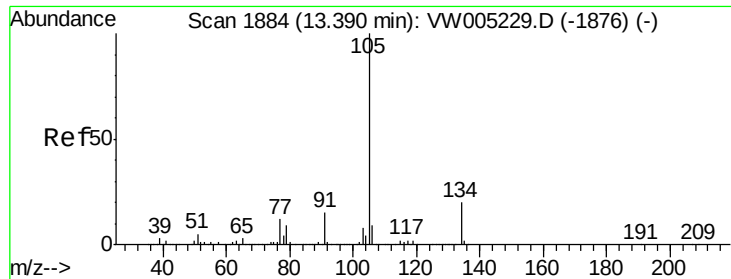
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#84
1,2,4-Trimethylbenzene
Concen: 9.52 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6





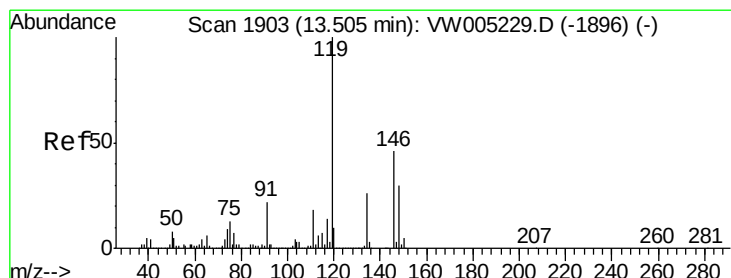
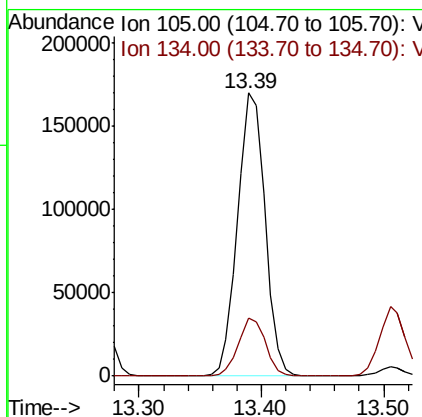
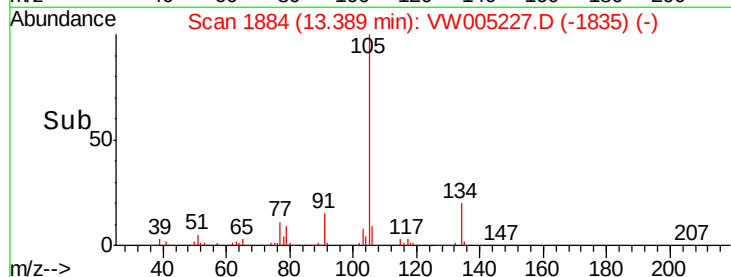
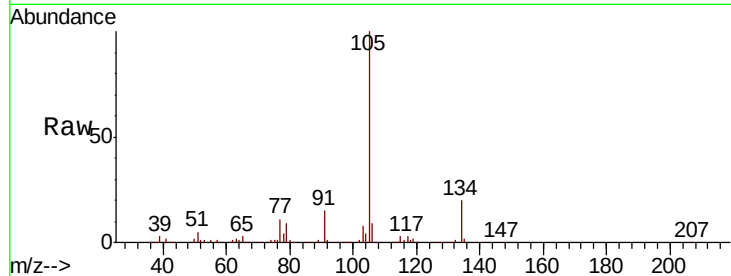
#85
 sec-Butylbenzene
 Concen: 9.64 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

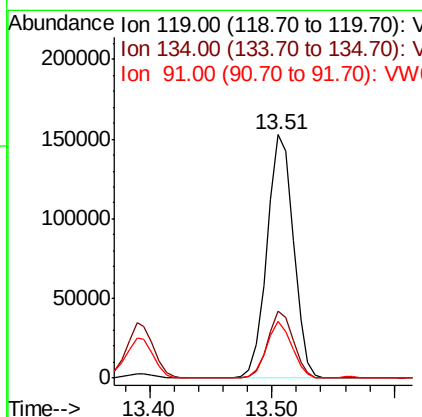
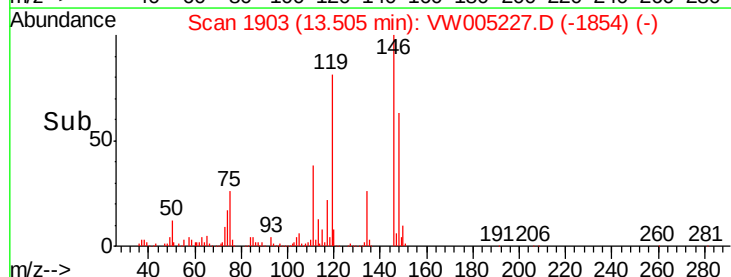
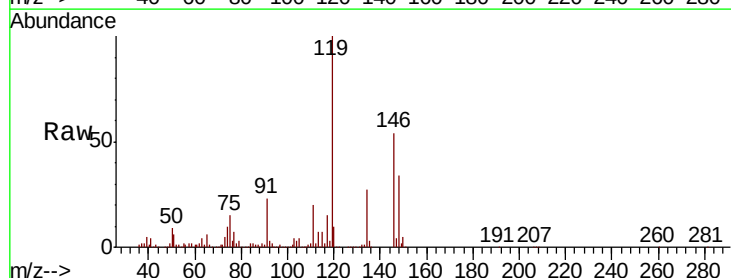
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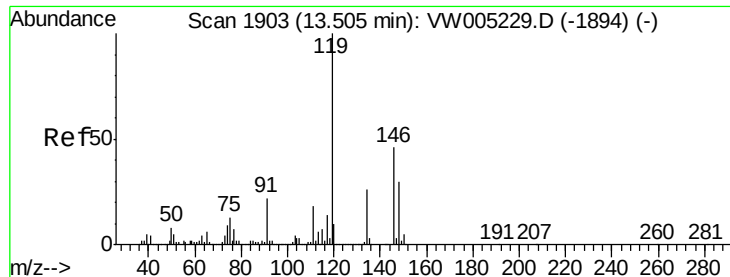
apatel
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#86
 p-Isopropyltoluene
 Concen: 9.45 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.3
91	22.5	10.9	32.7





#87

1,3-Dichlorobenzene

Concen: 10.01 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005227.D

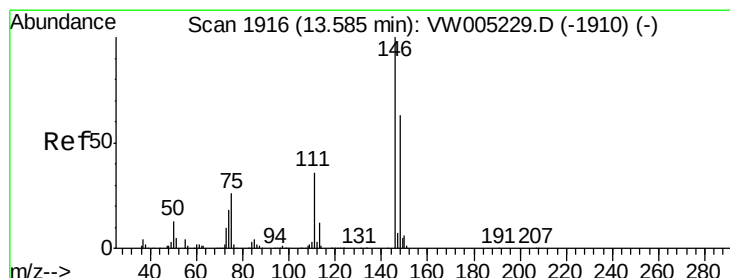
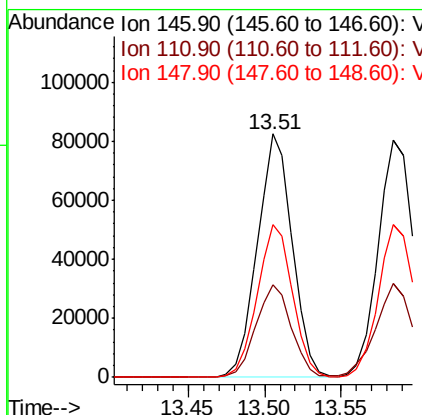
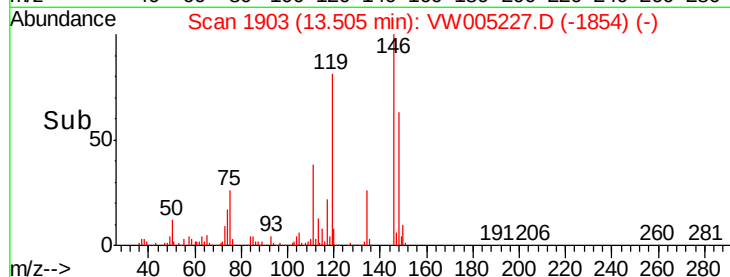
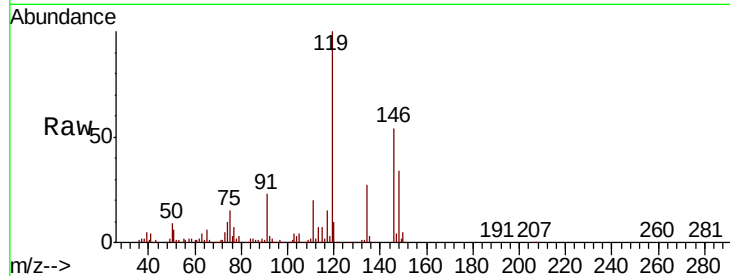
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.3	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 9.99 ug/l

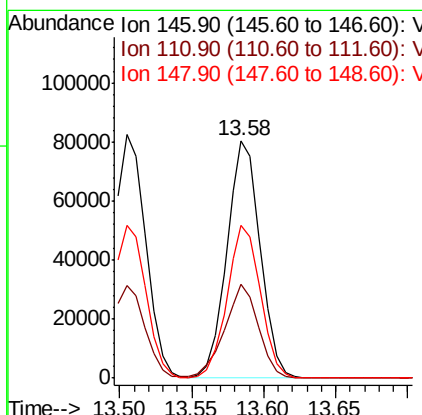
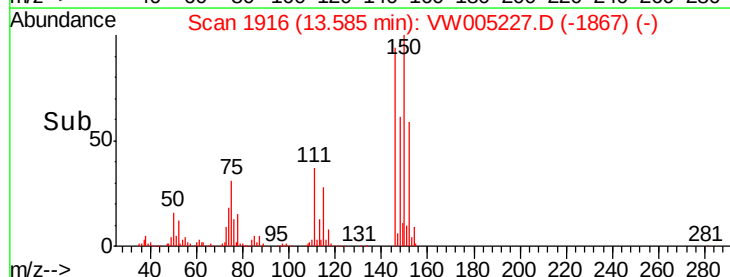
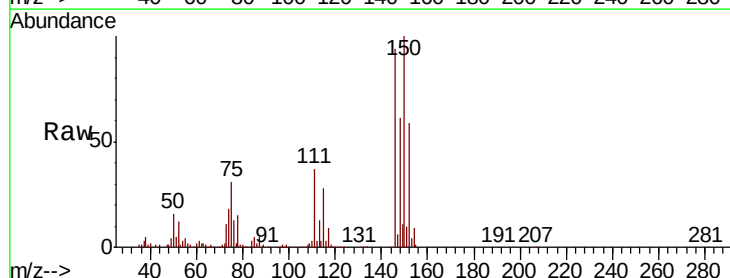
RT: 13.58 min Scan# 1916

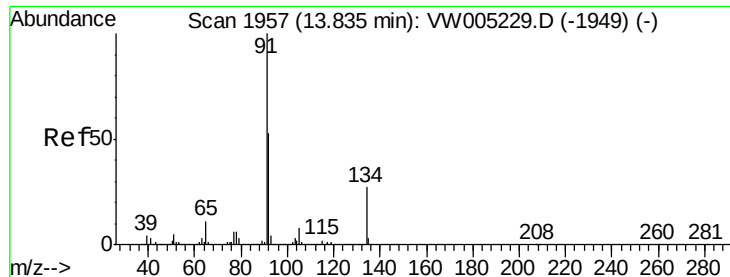
Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.6	56.0
148	64.5	32.0	96.0





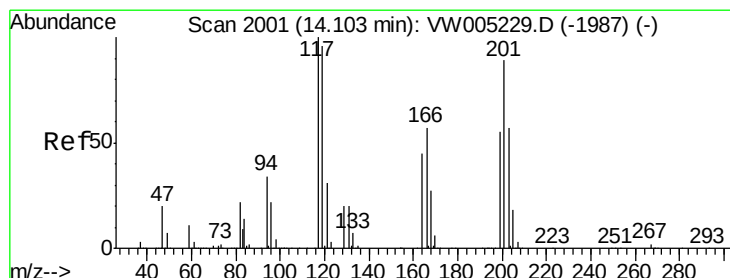
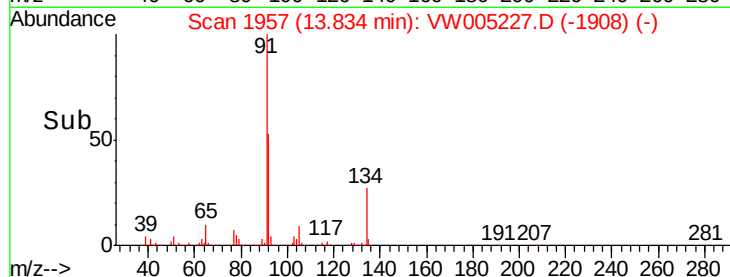
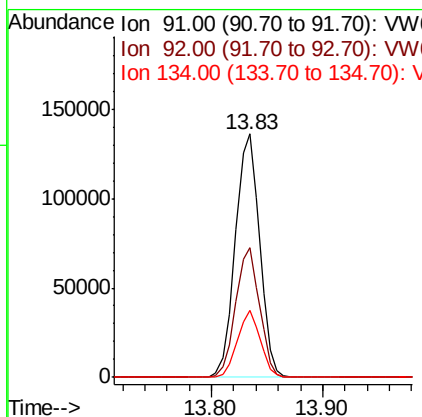
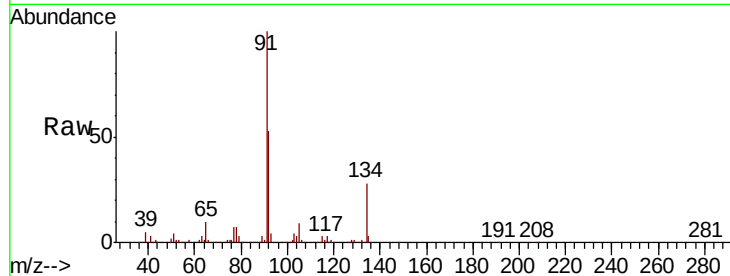
#89
n-Butylbenzene
Concen: 9.18 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.7	80.0
134	26.1	13.5	40.4

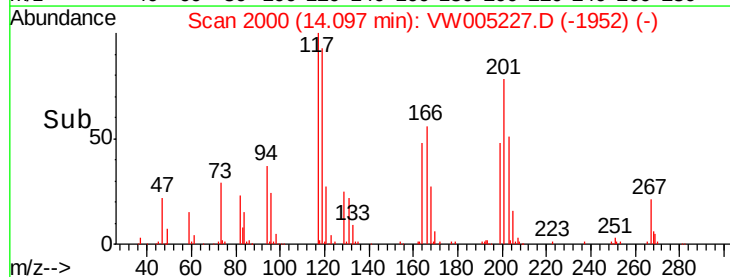
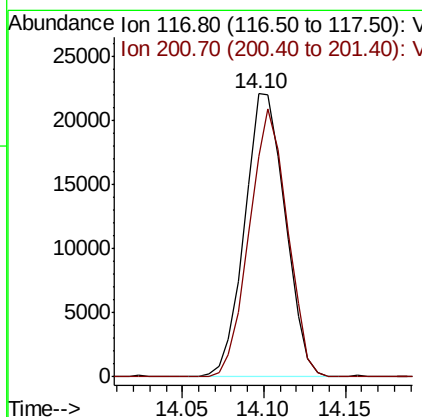
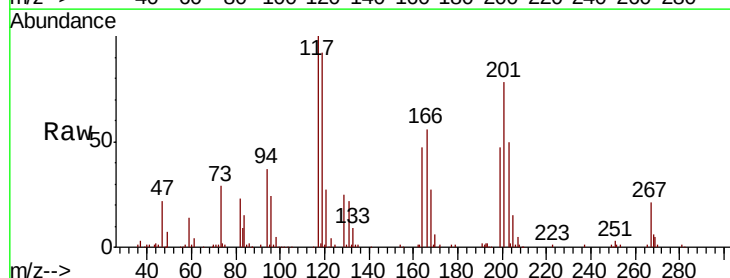
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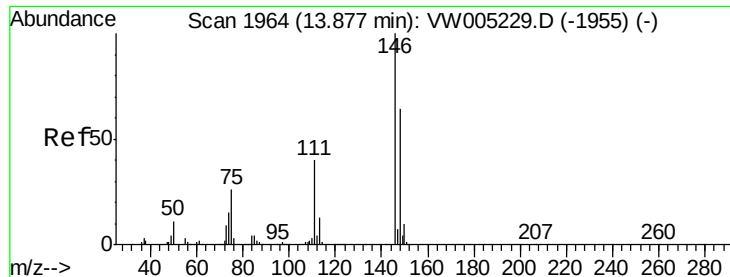
apatel
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#90
Hexachloroethane
Concen: 9.48 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.8	134.4





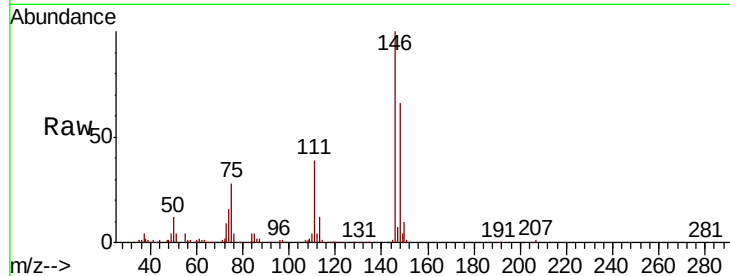
#91
 1,2-Dichlorobenzene
 Concen: 10.39 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119010		
111	39.9	20.0	60.0	
148	63.6	32.0	96.2	

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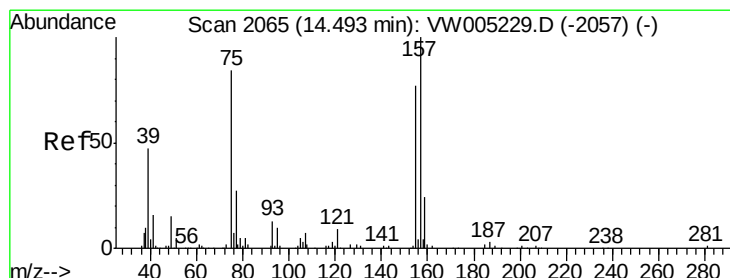
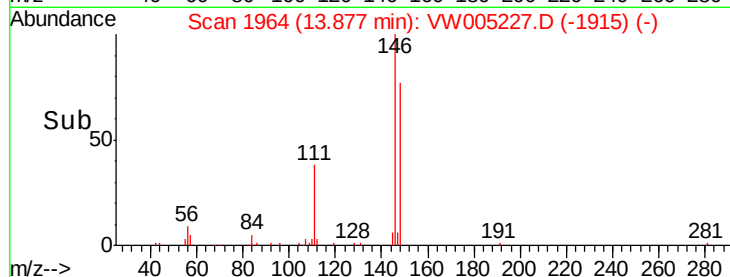
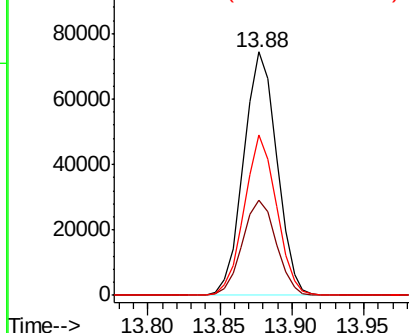


Abundance

Ion 145.90 (145.60 to 146.60): V

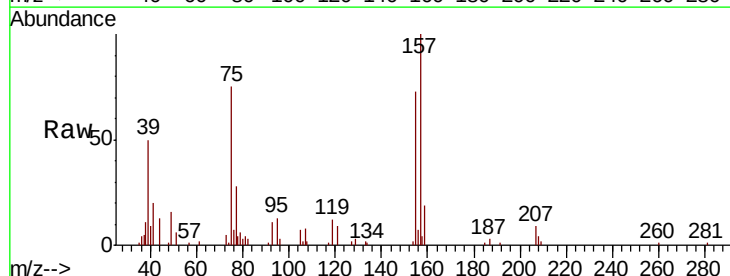
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.74 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6816		
155	90.0	45.6	136.9	
157	117.0	59.6	178.7	

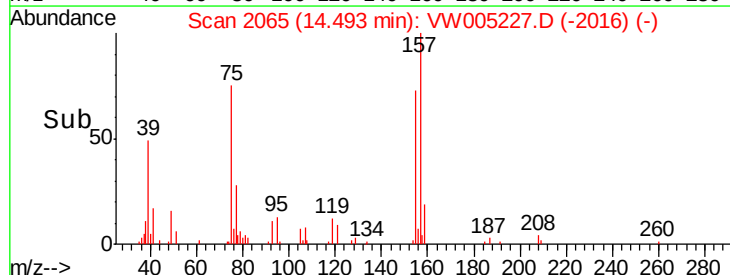
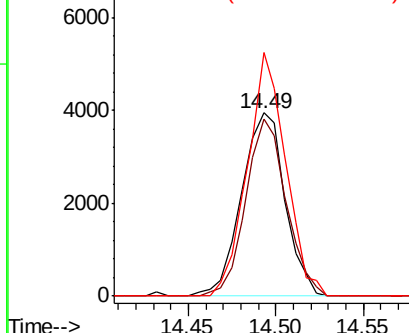


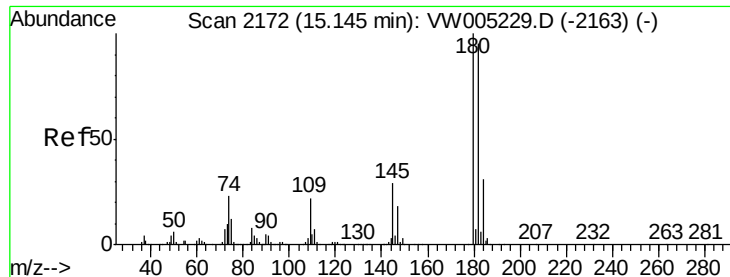
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





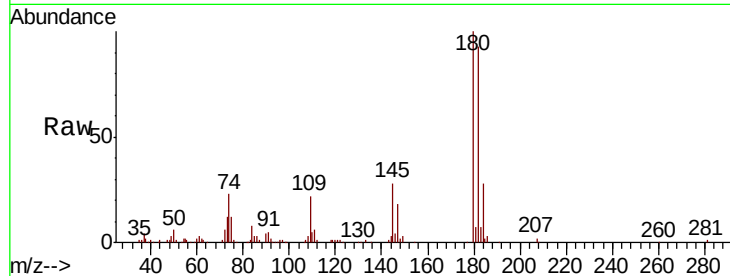
#93
 1,2,4-Trichlorobenzene
 Concen: 9.59 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	180	Resp:	73304
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.9	143.8
145	29.3	14.5	43.6

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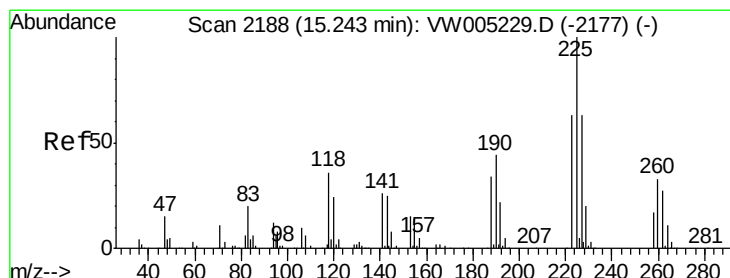
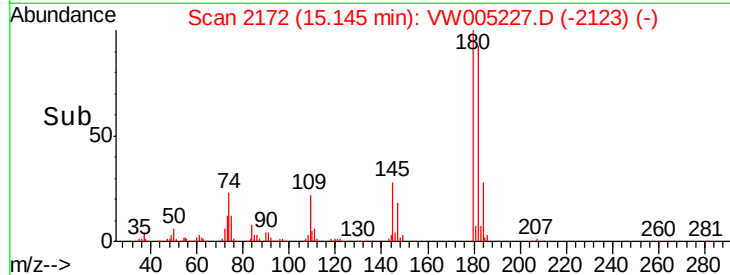
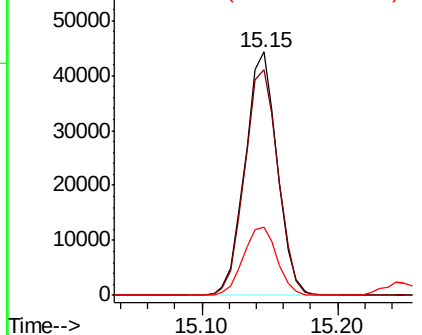


Abundance

Ion 179.80 (179.50 to 180.50): V

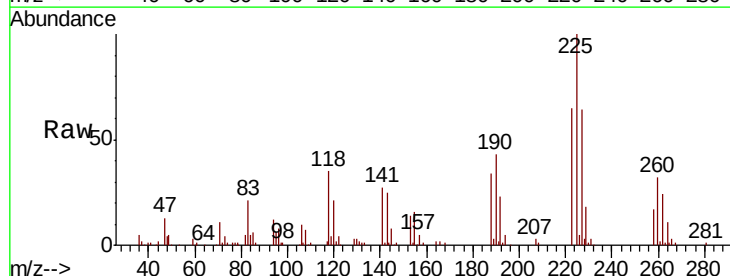
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 10.41 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:	225	Resp:	49820
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.4	94.2
227	63.3	31.9	95.9

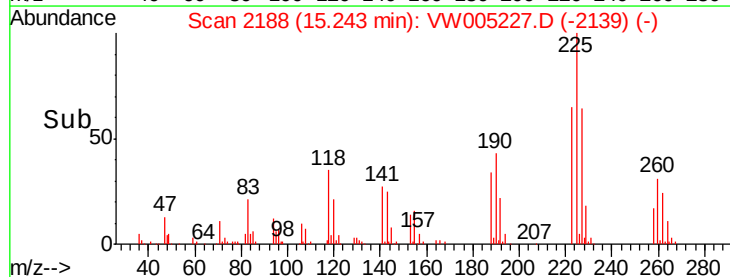
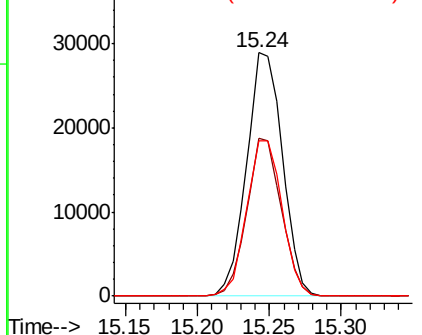


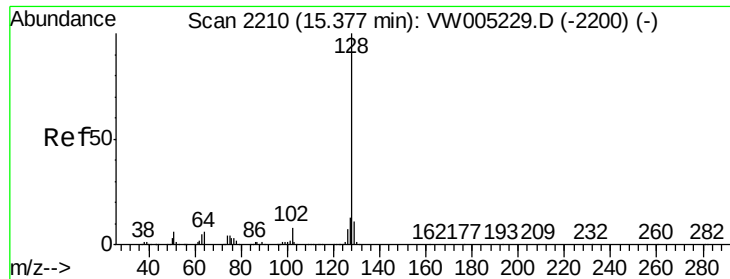
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





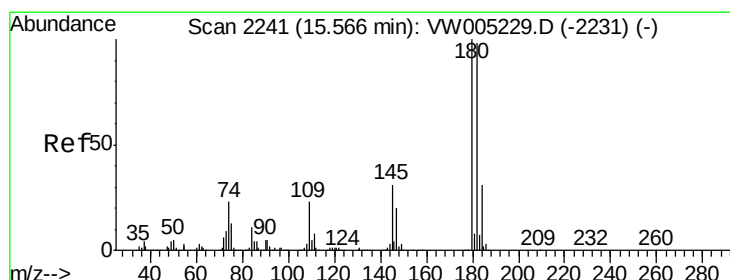
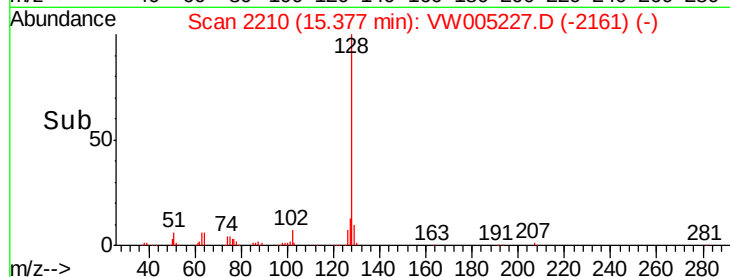
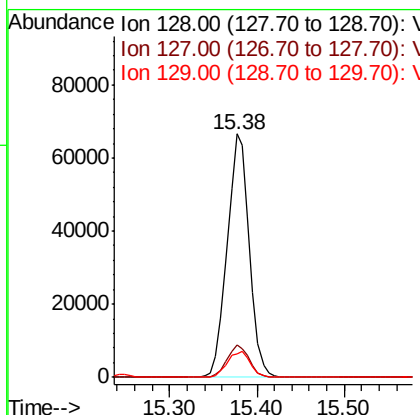
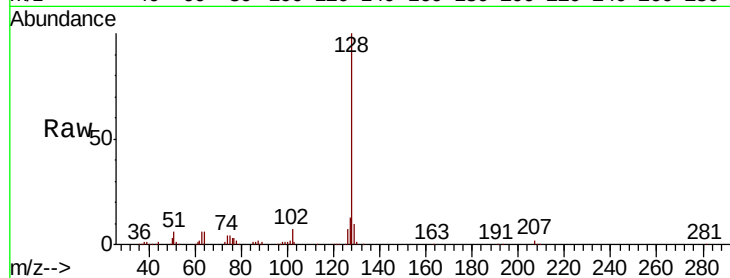
#95
Naphthalene
Concen: 9.62 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	116645		
127	13.3		10.4	15.6
129	11.0		8.8	13.2

Manual Integrations
APPROVED

apatel
9/10/2018 10:42:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.26 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67426		
182	96.6		48.3	144.9
145	30.8		15.3	45.9

