

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005230.D
 Acq On : 08 Sep 2018 01:28
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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apatel
 9/10/2018 10:42:17 AM

Quant Time: Sep 08 03:46:19 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	464959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	680662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	661910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	248967	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.89	113	252668	64.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.28%	
50) Toluene-d8	10.33	98	1279576	70.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.08%	
62) 4-Bromofluorobenzene	12.62	95	461586	71.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	255025	68.27	ug/l	98
3) Chloromethane	2.22	50	361178	67.43	ug/l	99
4) Vinyl Chloride	2.36	62	334597	64.61	ug/l	99
5) Bromomethane	2.75	94	211713	59.41	ug/l	100
6) Chloroethane	2.91	64	191455	60.13	ug/l	100
7) Trichlorofluoromethane	3.26	101	356755	61.31	ug/l	97
8) Diethyl Ether	3.69	74	138776	65.46	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	248650	61.99	ug/l	99
10) Methyl Iodide	4.28	142	354104	69.46	ug/l	100
11) Tert butyl alcohol	5.17	59	109720	391.20	ug/l	98
12) 1,1-Dichloroethene	4.04	96	239778	64.94	ug/l	99
13) Acrolein	3.90	56	108563	426.06	ug/l	98
14) Allyl chloride	4.68	41	380296	65.98	ug/l	99
15) Acrylonitrile	5.37	53	364787	401.03	ug/l	99
16) Acetone	4.13	43	240167	318.66	ug/l	96
17) Carbon Disulfide	4.39	76	905774	70.11	ug/l	99
18) Methyl Acetate	4.68	43	152188	67.75	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	644044	71.23	ug/l	99
20) Methylene Chloride	4.92	84	341039	54.10	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	285083	63.42	ug/l	97
22) Diisopropyl ether	6.32	45	844028	69.46	ug/l	98
23) Vinyl Acetate	6.26	43	2400729	373.96	ug/l	100
24) 1,1-Dichloroethane	6.23	63	475005	62.76	ug/l	99
25) 2-Butanone	7.18	43	402614	310.85	ug/l	98
26) 2,2-Dichloropropane	7.18	77	355573	57.56	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	313860	63.95	ug/l	99
28) Bromochloromethane	7.52	49	182903	60.15	ug/l	100
29) Tetrahydrofuran	7.54	42	283352	412.83	ug/l	99
30) Chloroform	7.68	83	472375	61.16	ug/l	98
31) Cyclohexane	7.96	56	500661	66.93	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	421361	62.58	ug/l	100
36) 1,1-Dichloropropene	8.09	75	422096	66.37	ug/l	100
37) Ethyl Acetate	7.26	43	179670	74.36	ug/l	98
38) Carbon Tetrachloride	8.07	117	376150	62.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	564392	73.02	ug/l	100
40) Benzene	8.33	78	1306800	67.04	ug/l	100
41) Methacrylonitrile	7.49	41	100368	72.50	ug/l	94
42) 1,2-Dichloroethane	8.41	62	301185	63.22	ug/l	100
43) Isopropyl Acetate	8.43	43	351238	79.62	ug/l	97
44) Trichloroethene	9.10	130	339441	64.67	ug/l	99
45) 1,2-Dichloropropane	9.38	63	306653	64.59	ug/l	97
46) Dibromomethane	9.46	93	149406	65.79	ug/l	99
47) Bromodichloromethane	9.65	83	355633	62.31	ug/l	99
48) Methyl methacrylate	9.44	41	178249	82.62	ug/l	93
49) 1,4-Dioxane	9.45	88	67354	1805.24	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	995897	348.74	ug/l	98
52) Toluene	10.40	92	915223	69.28	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	398976	70.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	459232	67.20	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	239727	67.83	ug/l	99
56) Ethyl methacrylate	10.65	69	346198	84.30	ug/l	100
57) 1,3-Dichloropropane	10.94	76	401020	68.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	741292	387.36	ug/l	99
59) 2-Hexanone	10.98	43	731130	376.84	ug/l	100
60) Dibromochloromethane	11.13	129	272441	68.17	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227215	70.77	ug/l	100
64) Tetrachloroethene	10.87	164	359466	69.53	ug/l	99
65) Chlorobenzene	11.66	112	1007825	68.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	303087	67.54	ug/l	99
67) Ethyl Benzene	11.74	91	1771052	71.47	ug/l	100
68) m/p-Xylenes	11.85	106	1399874	141.25	ug/l	99
69) o-Xylene	12.17	106	664805	72.27	ug/l	99
70) Styrene	12.19	104	1107856	73.13	ug/l	100
71) Bromoform	12.35	173	179064	74.60	ug/l #	98
73) Isopropylbenzene	12.47	105	1786366	73.15	ug/l	100
74) N-amyl acetate	12.28	43	397202	91.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	299189	78.91	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204063m	76.68	ug/l	
77) Bromobenzene	12.76	156	424716	70.41	ug/l	97
78) n-propylbenzene	12.81	91	2153166	73.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	1215948	70.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1531127	72.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	88560	80.92	ug/l	100
82) 4-Chlorotoluene	12.99	91	1268651	69.82	ug/l	100
83) tert-Butylbenzene	13.21	119	1289420	72.80	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1557037	72.74	ug/l	99
85) sec-Butylbenzene	13.39	105	1905586	73.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	1692561	73.92	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	855863	69.22	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	852084	69.36	ug/l	100
89) n-Butylbenzene	13.83	91	1592172	75.17	ug/l	100
90) Hexachloroethane	14.10	117	275375	72.03	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	777659	71.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	51808	86.34	ug/l	98

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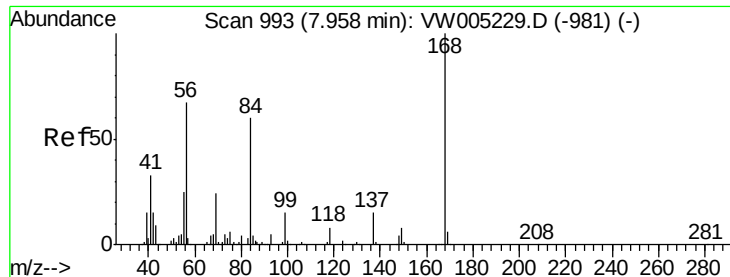
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Quant Title : SW846 8260
QLast Update : Sat Sep 08 02:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	553184	76.55	ug/l	100
94) Hexachlorobutadiene	15.24	225	336429	74.40	ug/l	100
95) Naphthalene	15.38	128	1040647	90.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	490386	78.98	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 464959

Ion Ratio Lower Upper

168 100

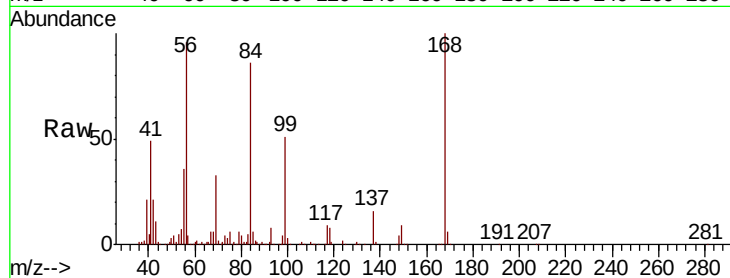
99 50.8 39.4 59.2

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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

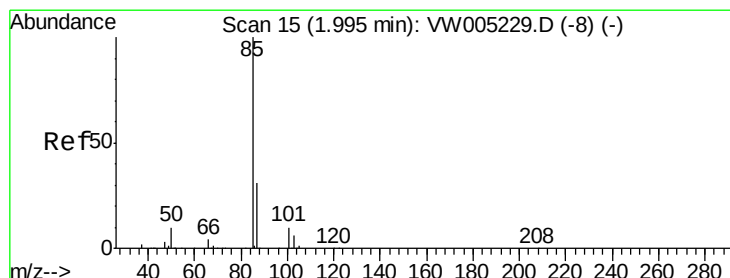
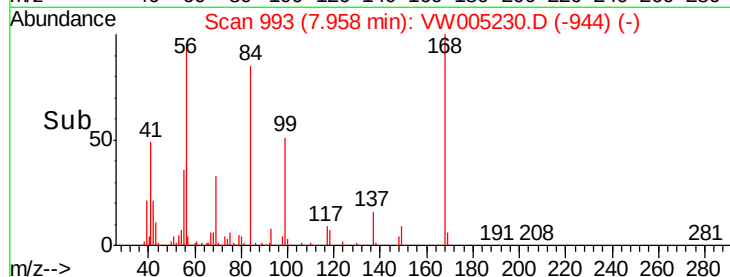
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 68.27 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005230.D

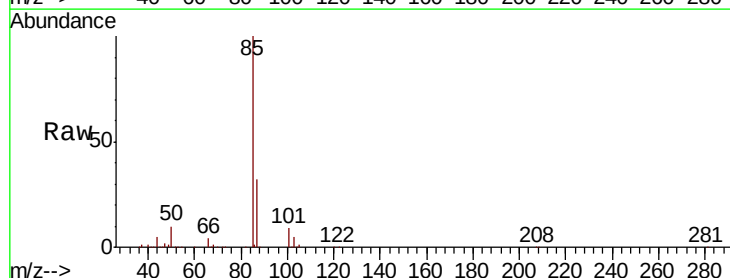
Acq: 08 Sep 2018 01:28

Tgt Ion: 85 Resp: 255025

Ion Ratio Lower Upper

85 100

87 32.3 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

200000

150000

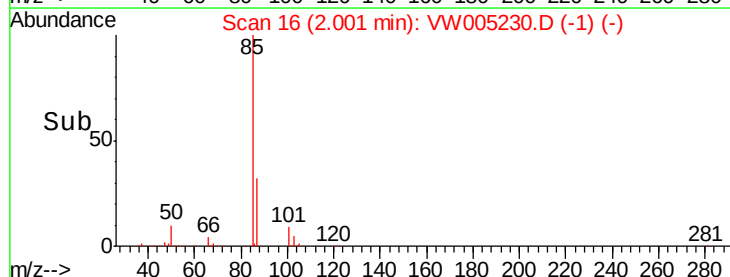
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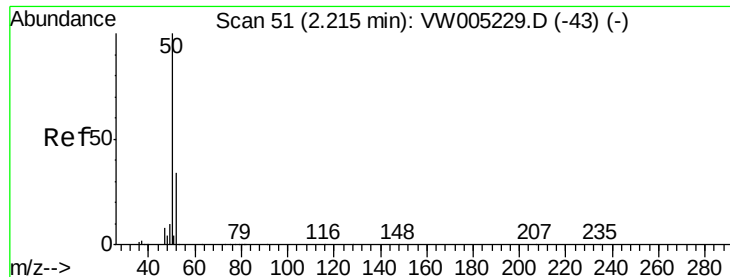
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 67.43 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 361178

Ion Ratio Lower Upper

50 100

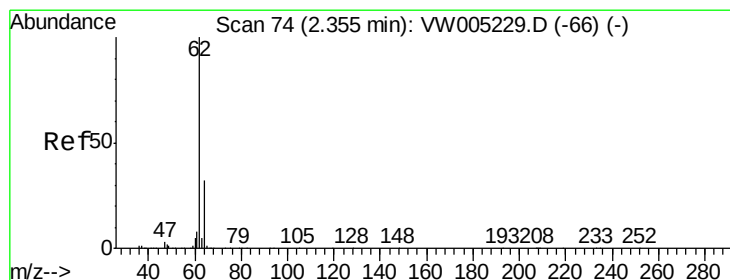
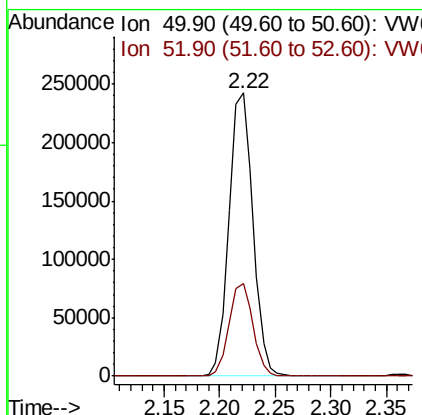
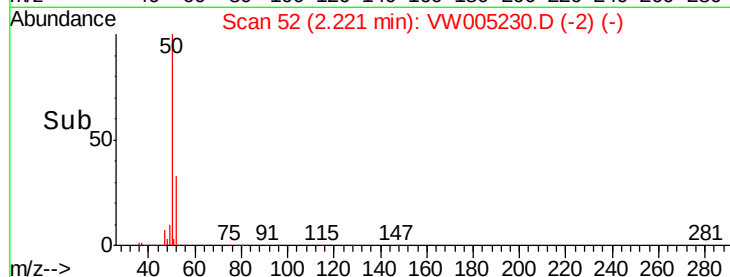
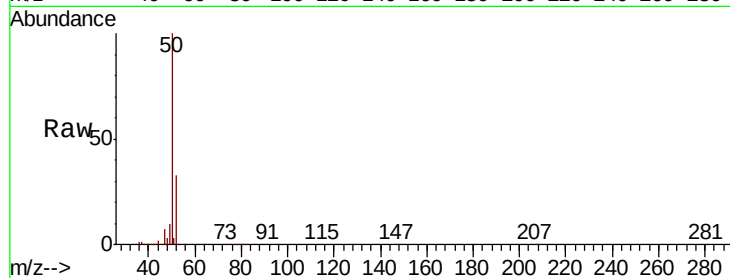
52 32.9 26.9 40.3

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#4

Vinyl Chloride

Concen: 64.61 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005230.D

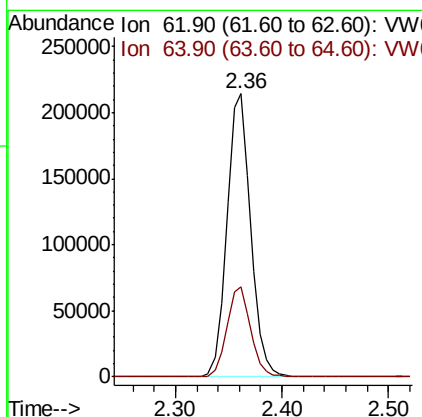
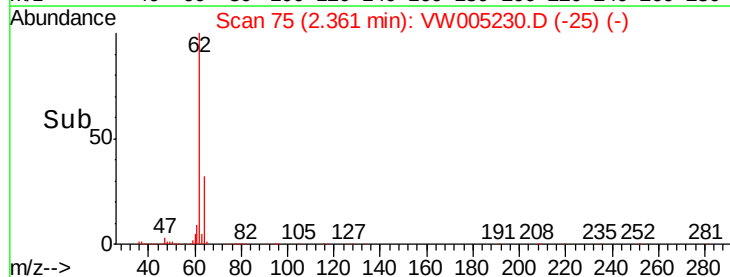
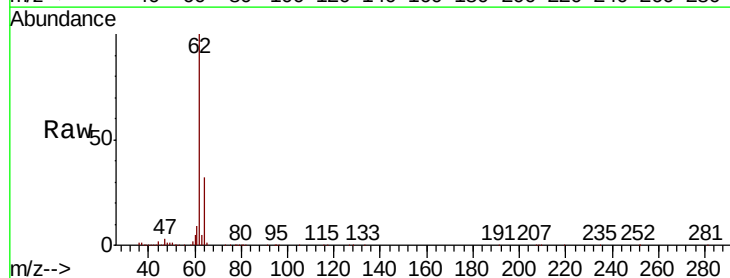
Acq: 08 Sep 2018 01:28

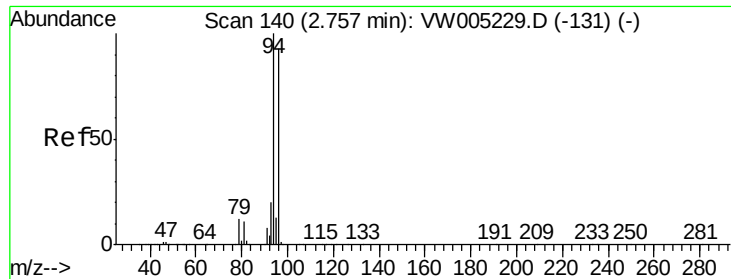
Tgt Ion: 62 Resp: 334597

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 59.41 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 211713

Ion Ratio Lower Upper

94 100

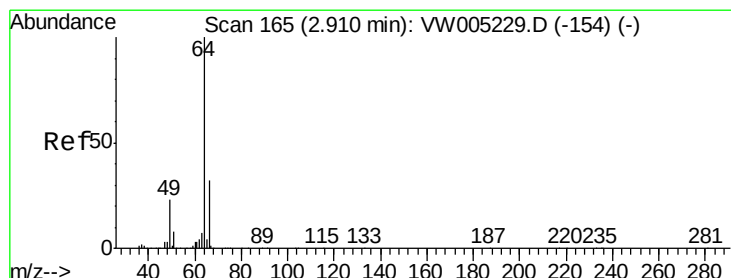
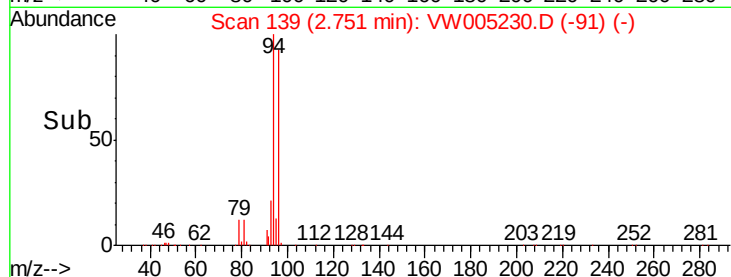
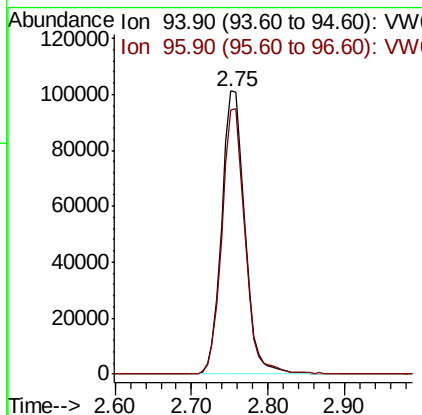
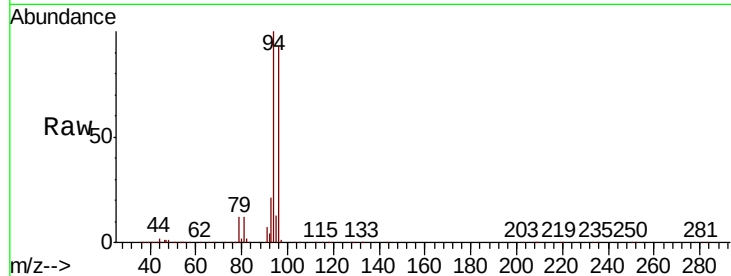
96 93.2 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 60.13 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW005230.D

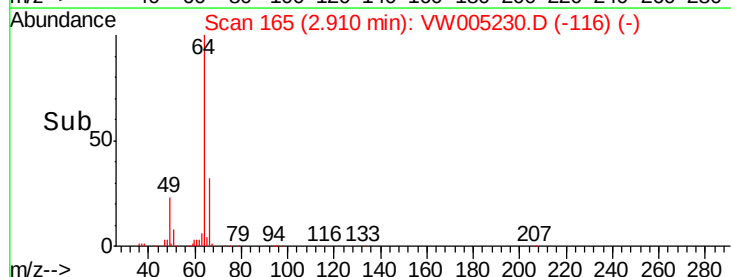
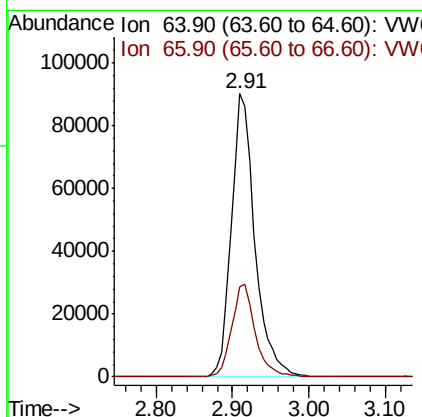
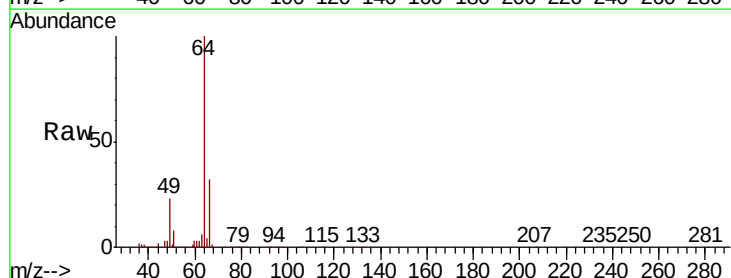
Acq: 08 Sep 2018 01:28

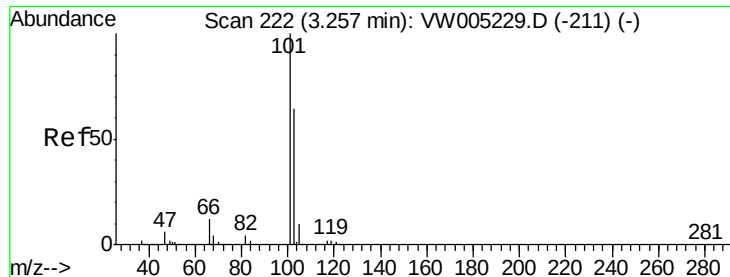
Tgt Ion: 64 Resp: 191455

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

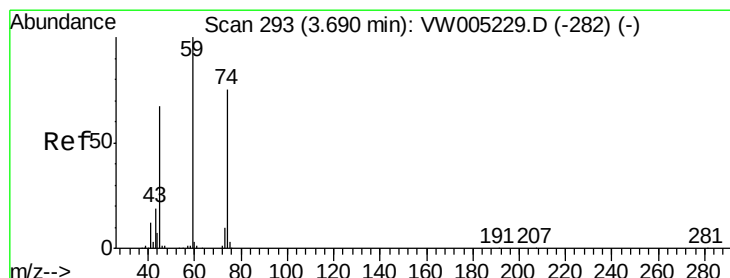
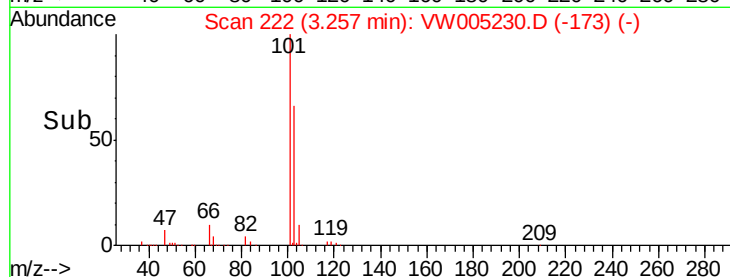
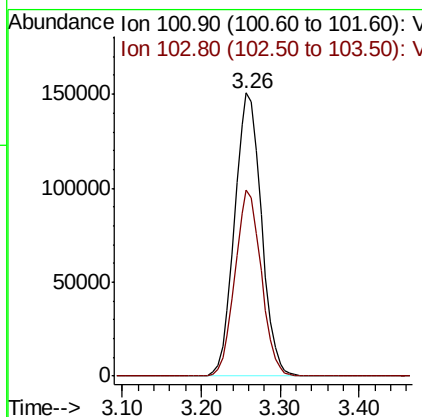
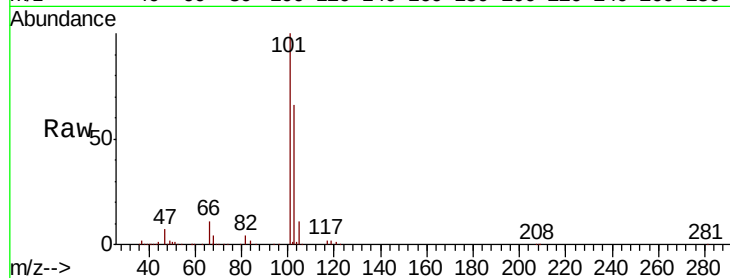
Trichlorofluoromethane
 Concen: 61.31 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
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 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
101	100	356755		
103	65.8	51.0	76.6	

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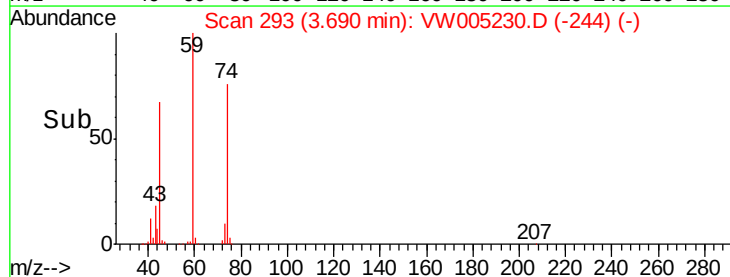
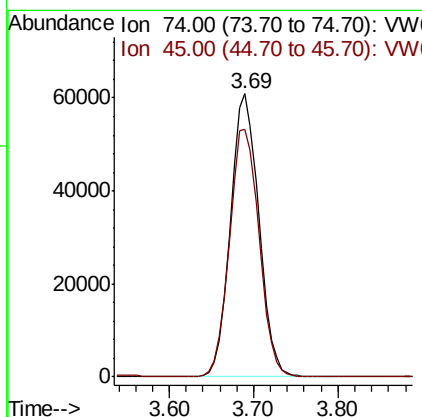
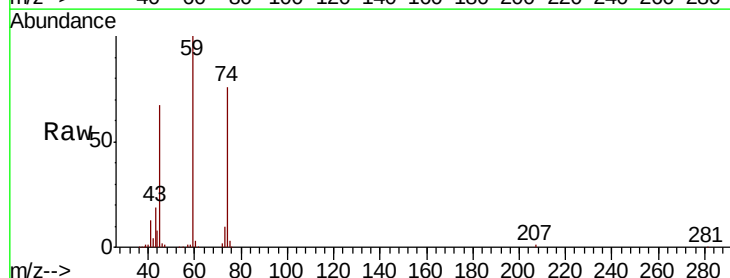
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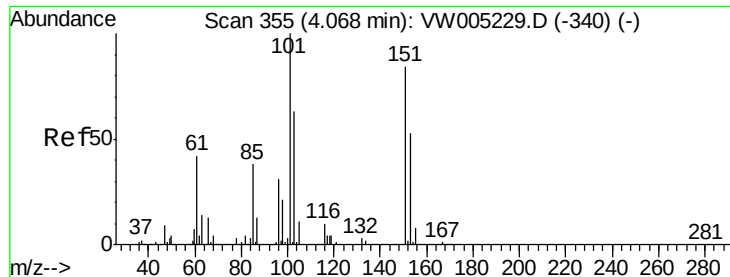


#8

Diethyl Ether
 Concen: 65.46 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	138776		
45	91.4	46.5	139.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.99 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

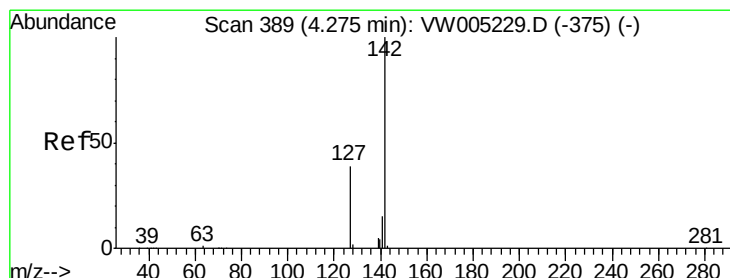
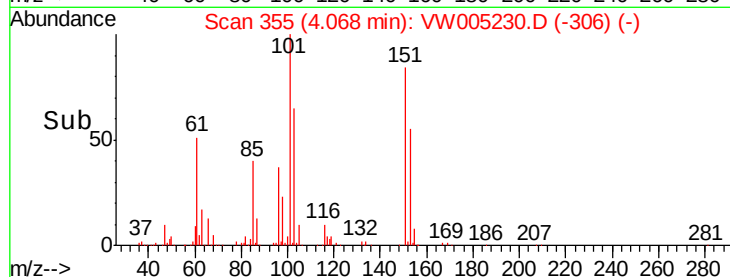
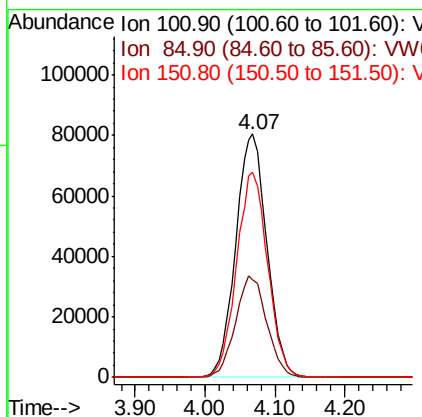
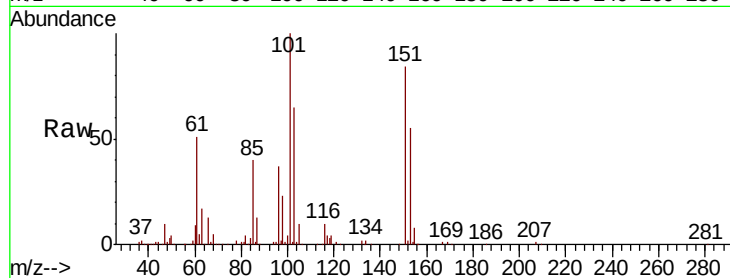
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	248650
Ion Ratio	Lower	Upper	
101	100		
85	41.7	32.5	48.7
151	84.2	67.7	101.5

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#10

Methyl Iodide

Concen: 69.46 ug/l

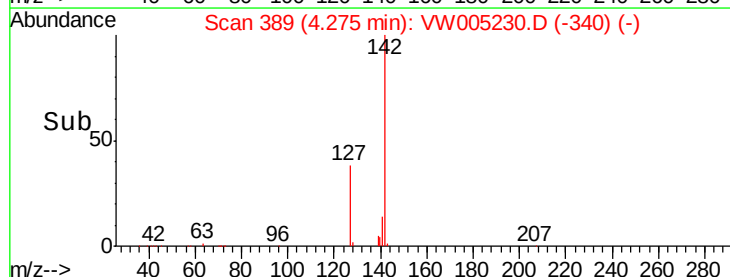
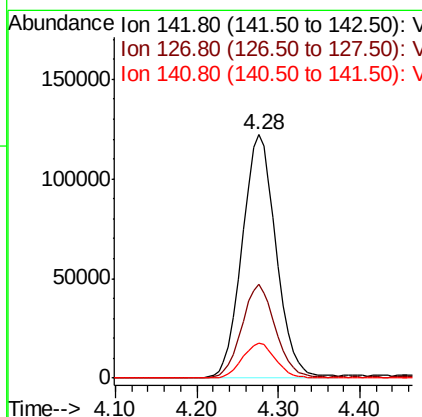
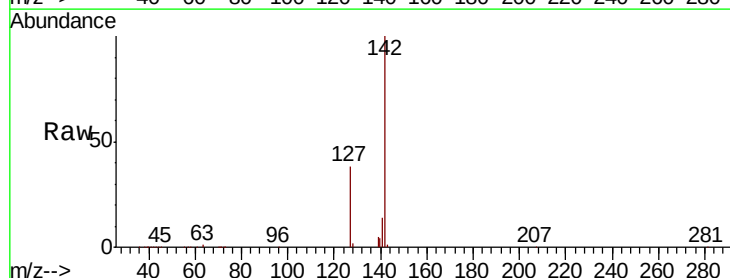
RT: 4.28 min Scan# 389

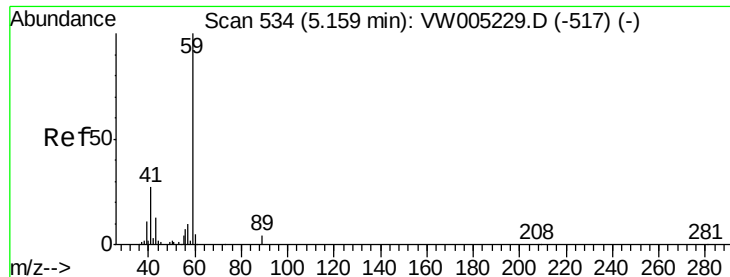
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	142	Resp:	354104
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.6	45.8
141	14.1	11.6	17.4





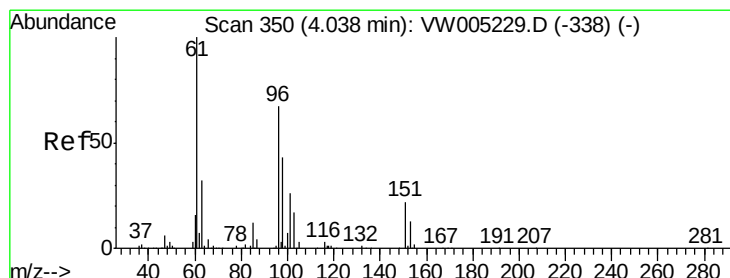
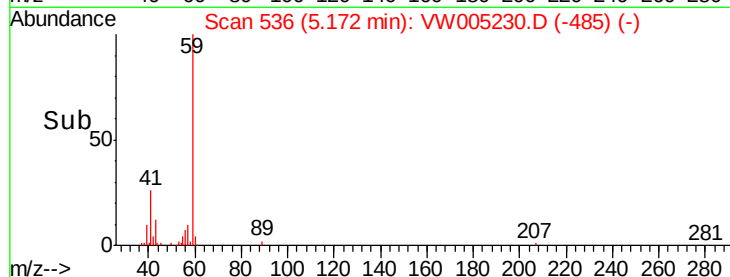
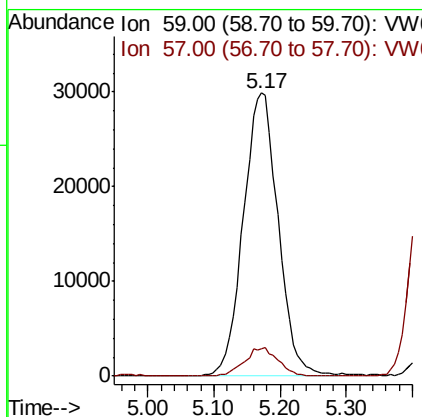
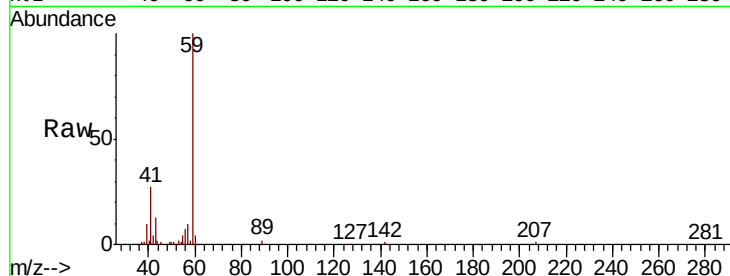
#11
Tert butyl alcohol
Concen: 391.20 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
59	100	109720		
57	9.7		8.2	12.4

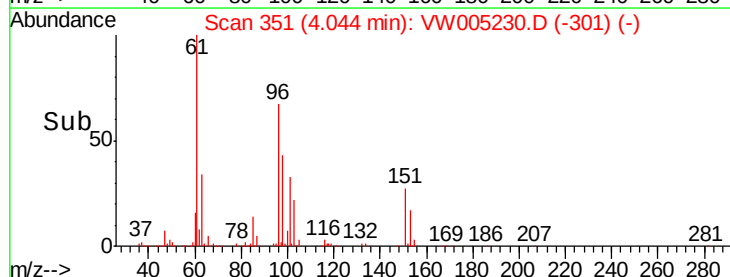
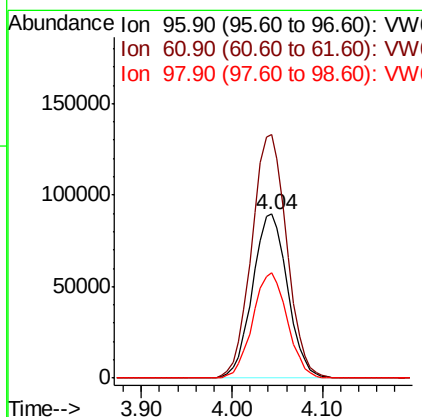
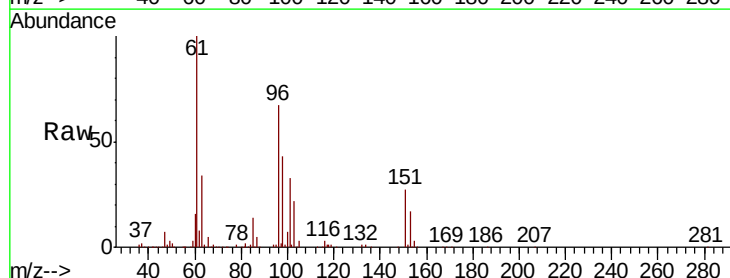
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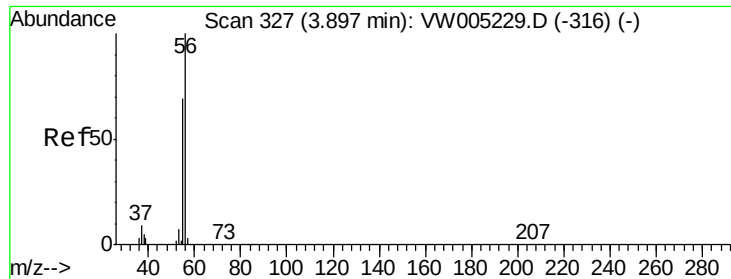
apatel
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#12
1,1-Dichloroethene
Concen: 64.94 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	239778		
61	148.4		120.3	180.5
98	64.2		51.9	77.9





#13

Acrolein

Concen: 426.06 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 108563

Ion Ratio Lower Upper

56 100

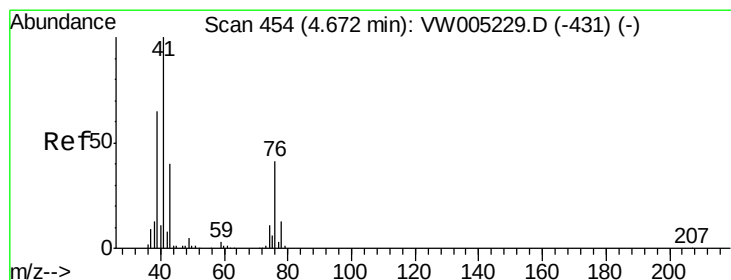
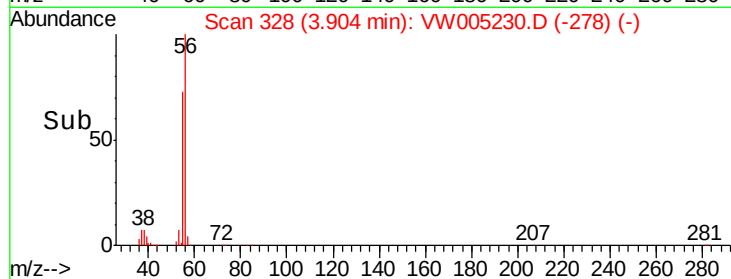
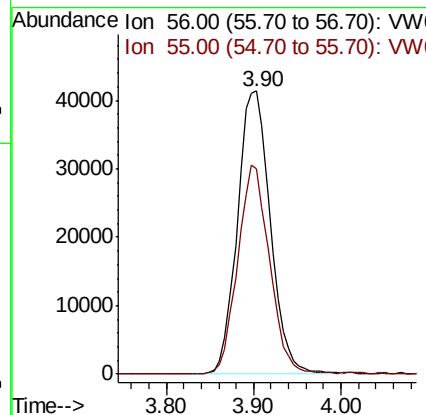
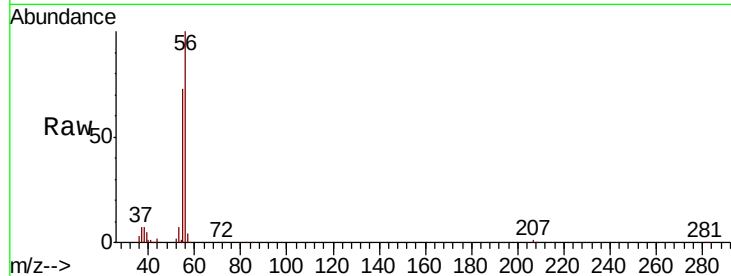
55 71.4 55.7 83.5

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#14

Allyl chloride

Concen: 65.98 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

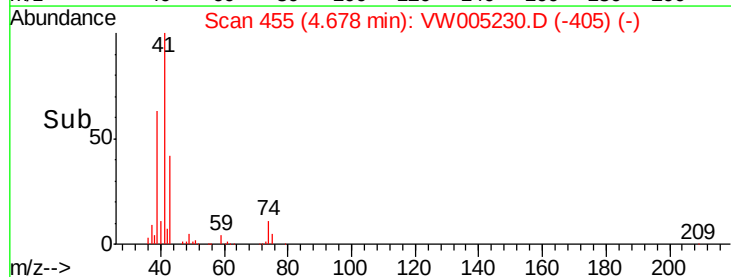
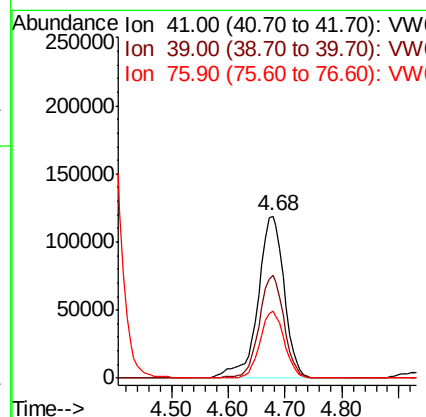
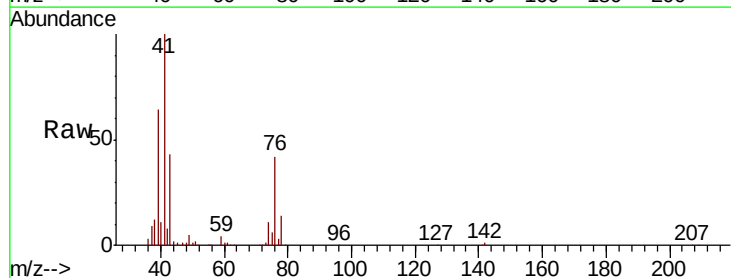
Tgt Ion: 41 Resp: 380296

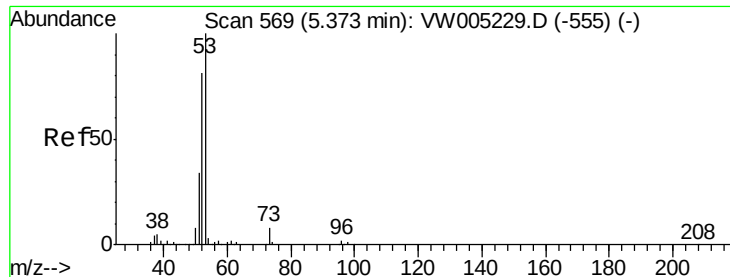
Ion Ratio Lower Upper

41 100

39 60.3 49.1 73.7

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 401.03 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

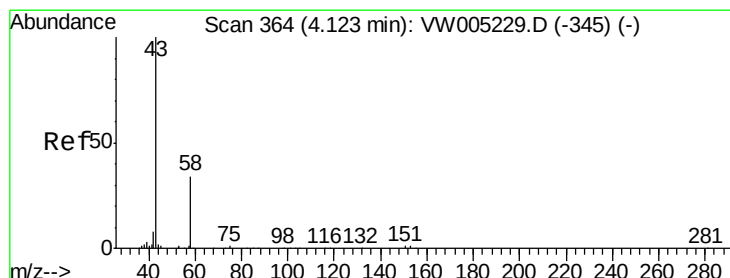
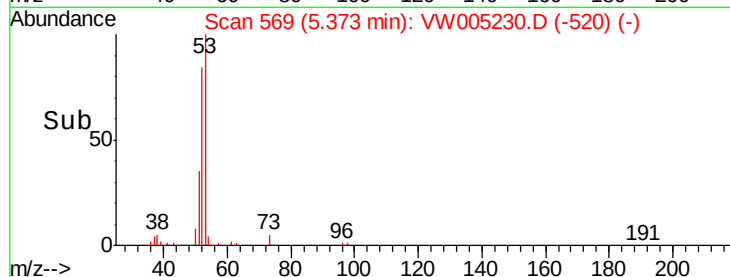
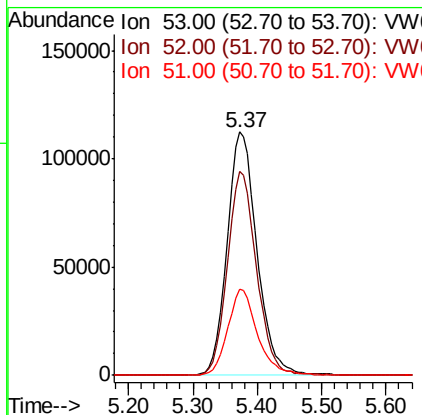
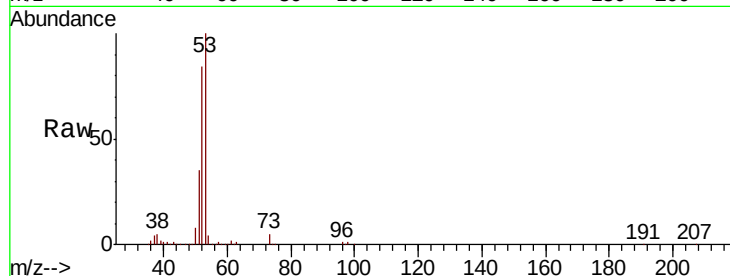
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	364787
Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.9	97.3
51	35.5	28.2	42.2

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#16

Acetone

Concen: 318.66 ug/l

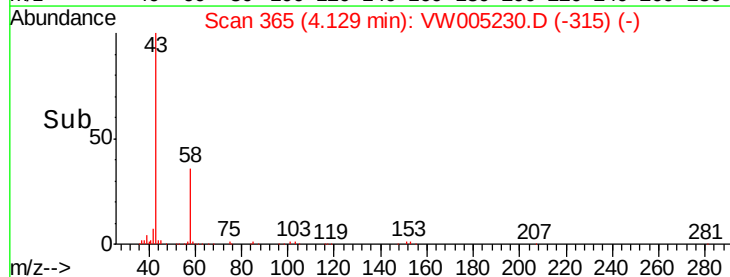
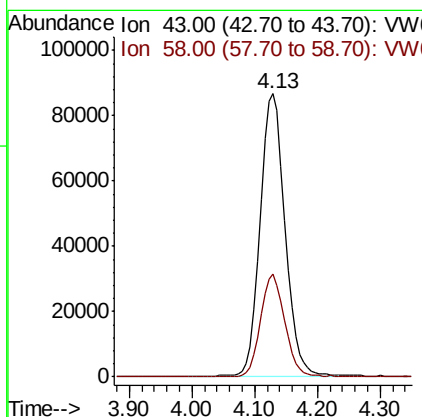
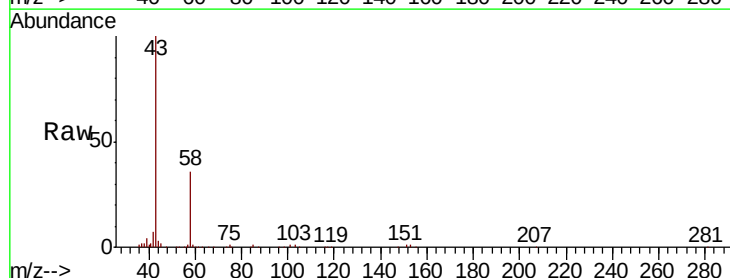
RT: 4.13 min Scan# 365

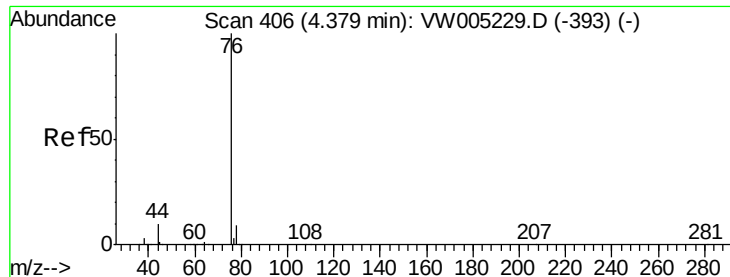
Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	43	Resp:	240167
Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.0	40.4





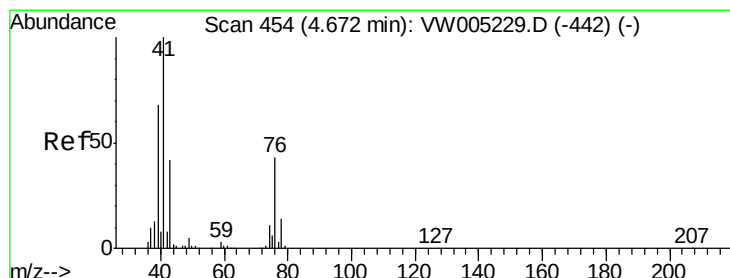
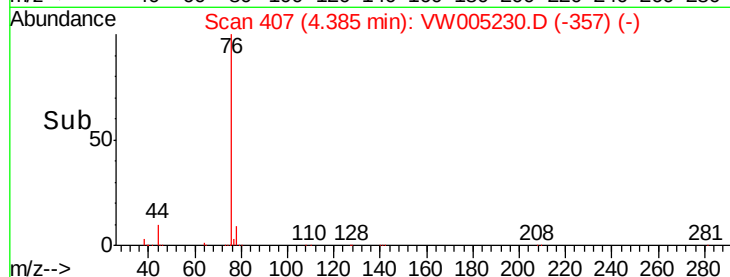
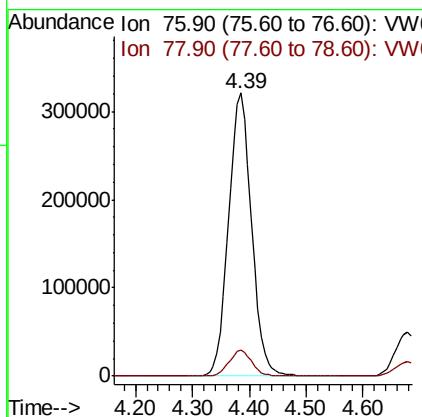
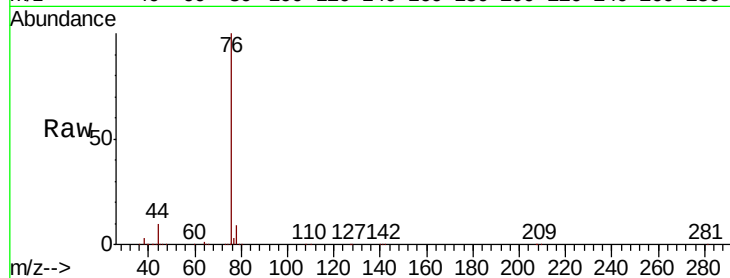
#17
Carbon Disulfide
Concen: 70.11 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

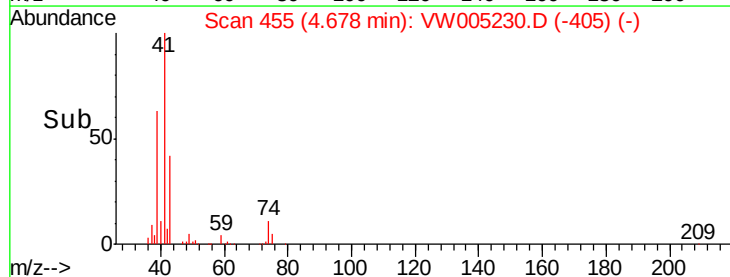
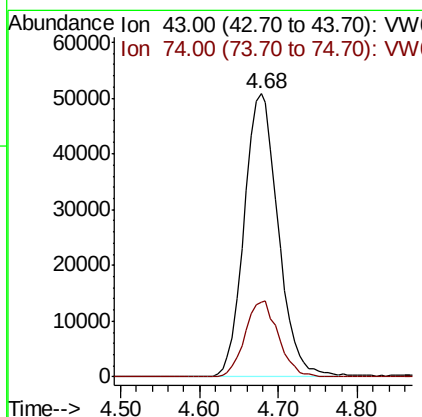
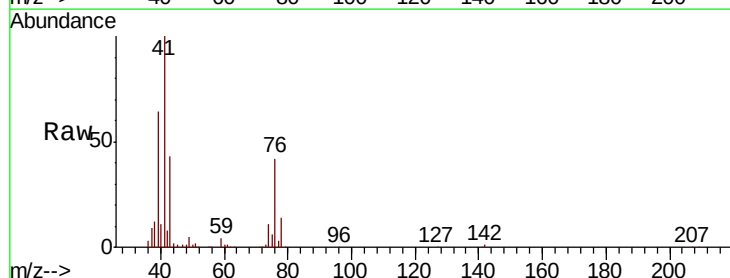
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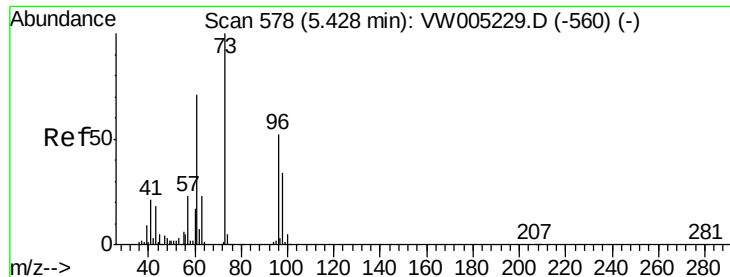
apatel
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#18
Methyl Acetate
Concen: 67.75 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.8	31.2





#19

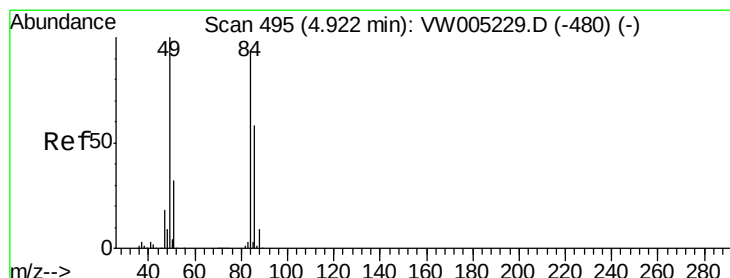
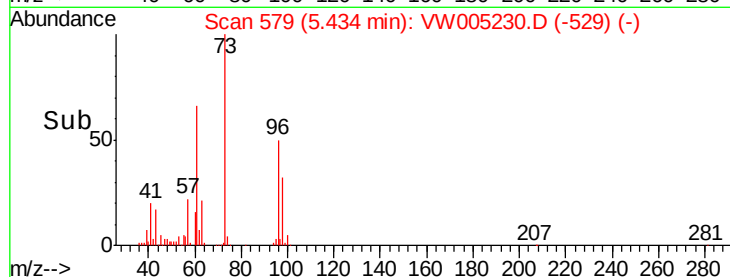
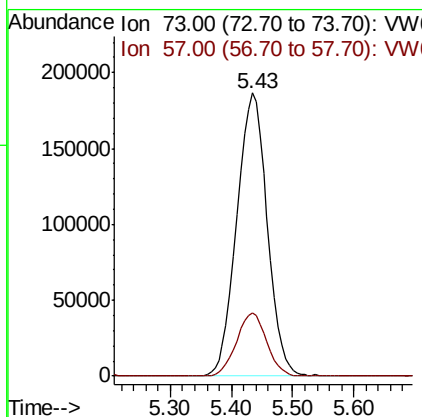
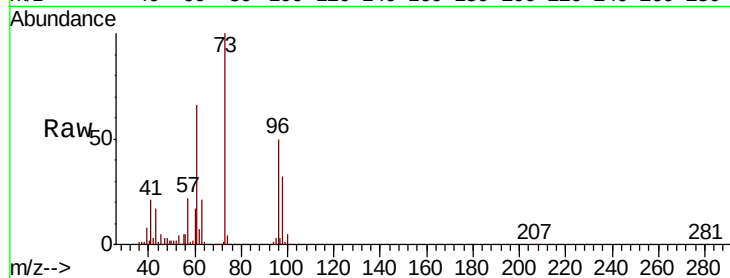
Methyl tert-butyl Ether
 Concen: 71.23 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.2

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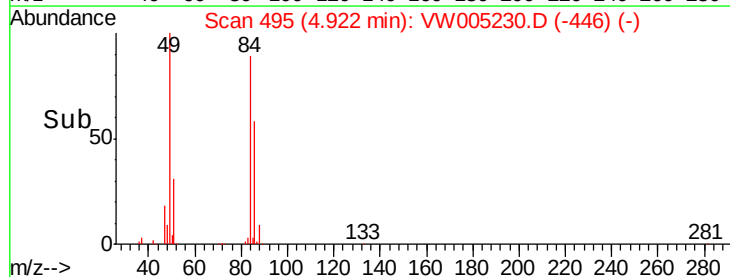
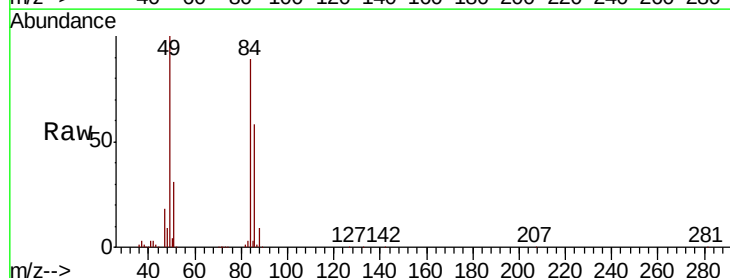
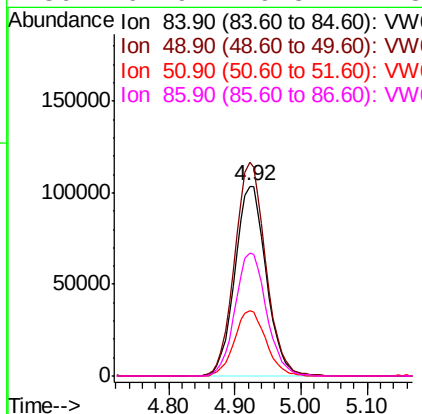
apatel
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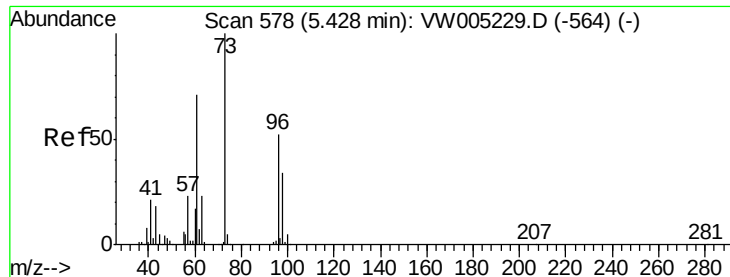


#20

Methylene Chloride
 Concen: 54.10 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.6	85.8	128.6
51	34.5	27.7	41.5
86	64.9	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 63.42 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

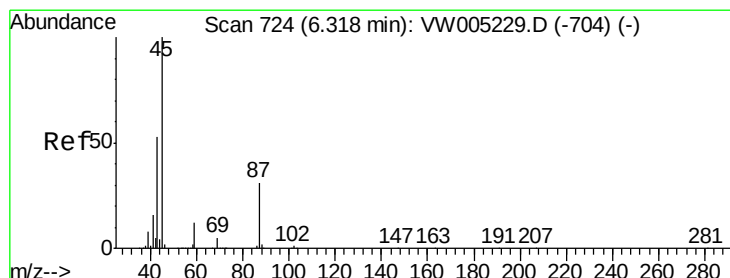
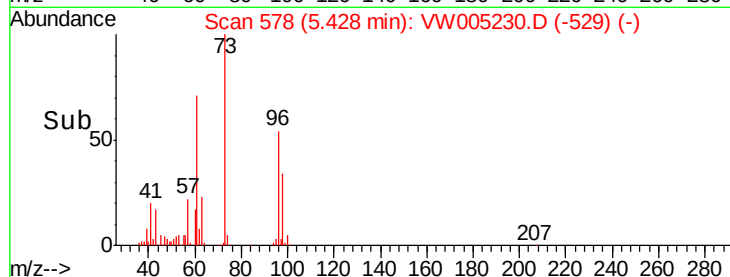
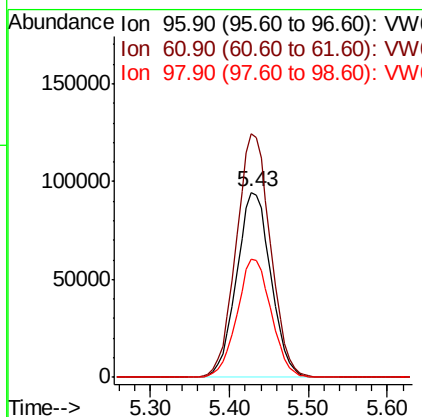
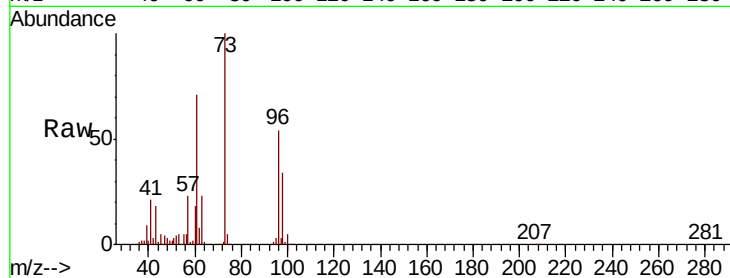
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	285083
Ion	Ratio	Lower	Upper
96	100		
61	131.4	108.2	162.4
98	63.6	51.9	77.9

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#22

Diisopropyl ether

Concen: 69.46 ug/l

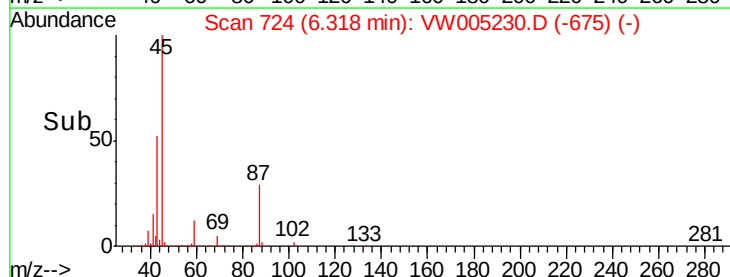
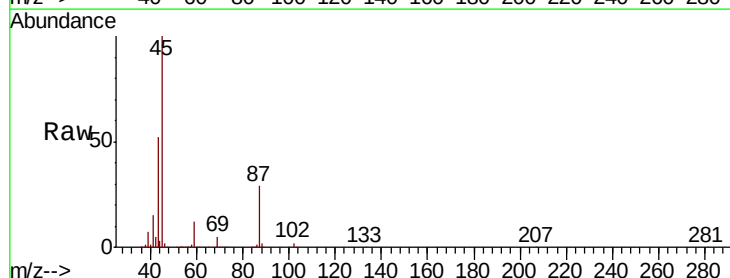
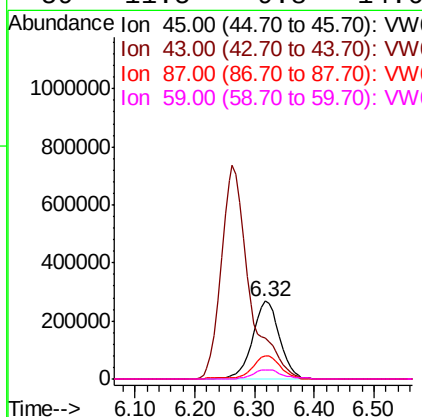
RT: 6.32 min Scan# 724

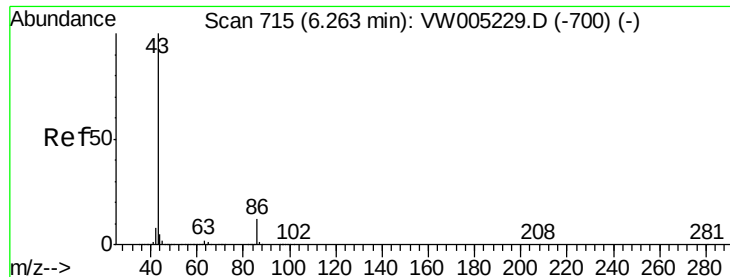
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	45	Resp:	844028
Ion	Ratio	Lower	Upper
45	100		
43	52.3	42.5	63.7
87	29.0	24.7	37.1
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 373.96 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 2400729

Ion Ratio Lower Upper

43 100

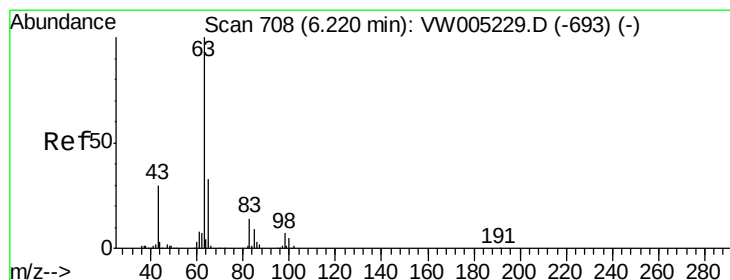
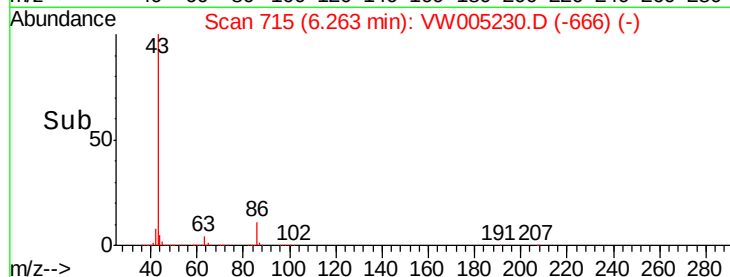
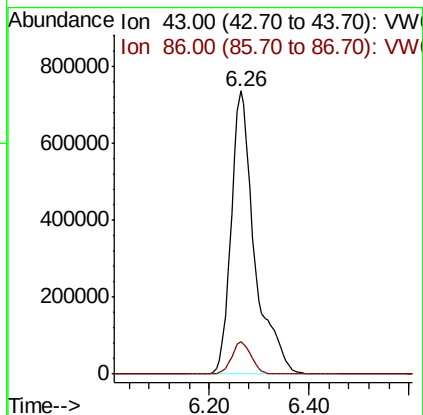
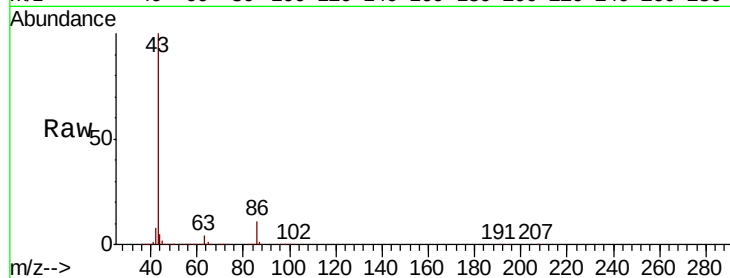
86 11.4 9.3 13.9

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#24

1,1-Dichloroethane

Concen: 62.76 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

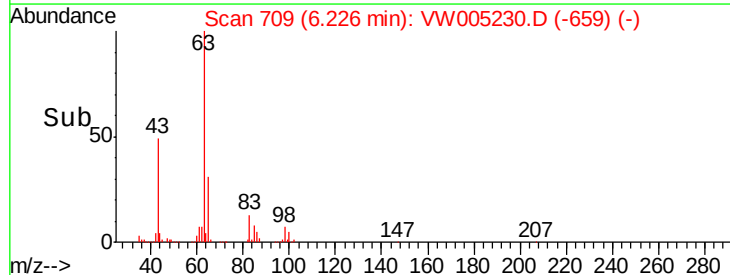
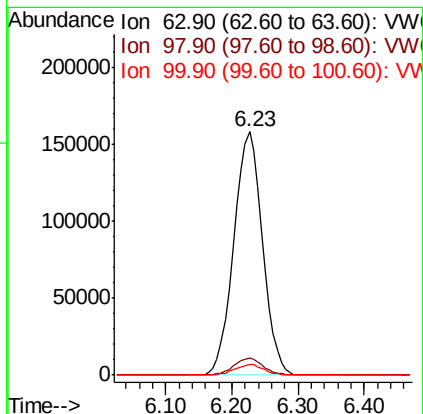
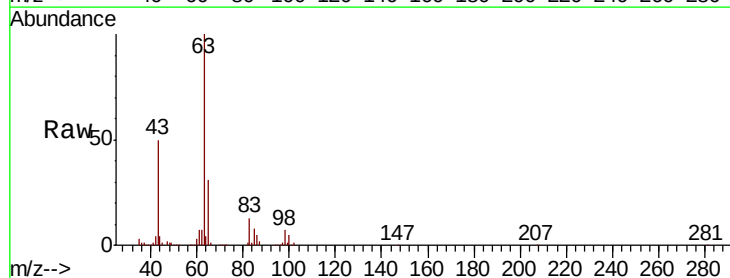
Tgt Ion: 63 Resp: 475005

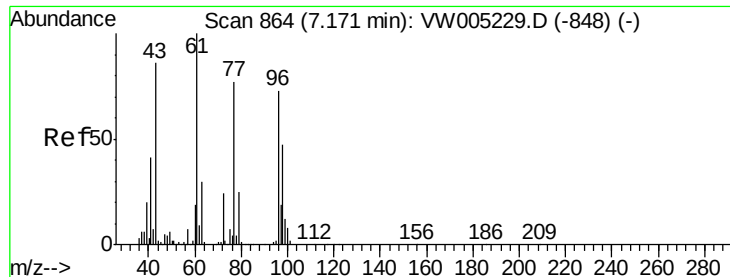
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 310.85 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 402614

Ion Ratio Lower Upper

43 100

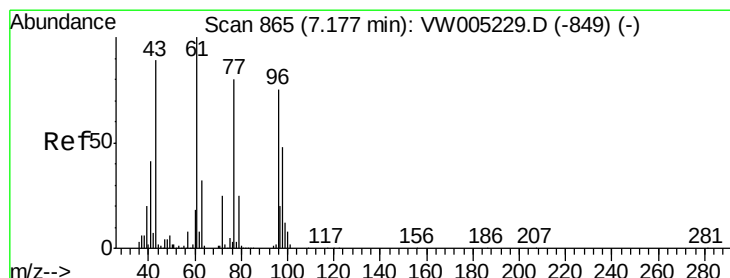
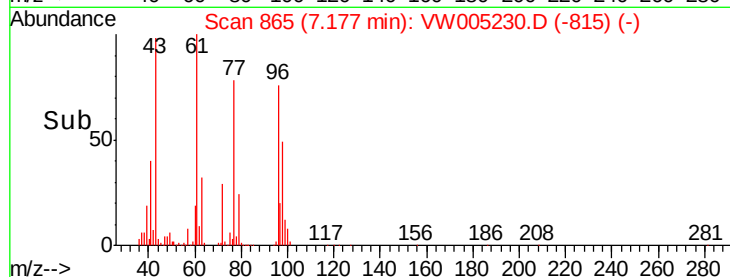
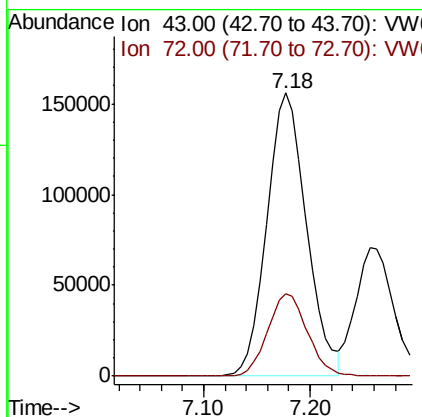
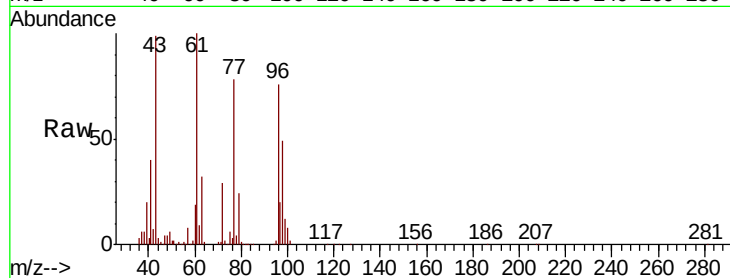
72 29.2 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 57.56 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005230.D

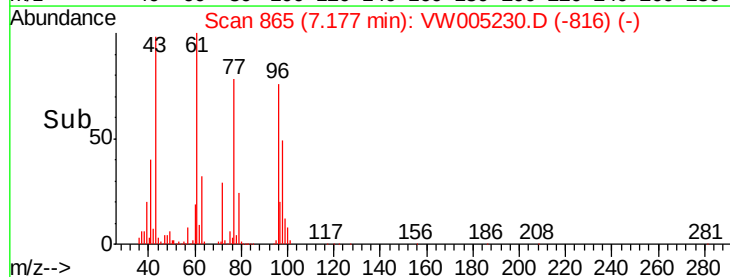
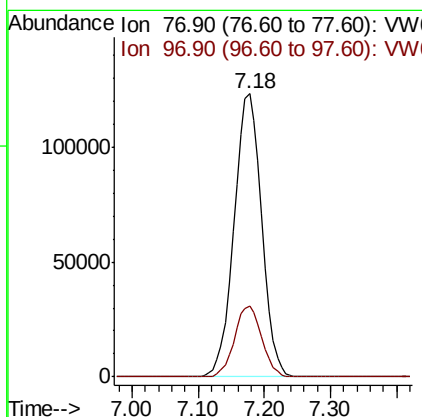
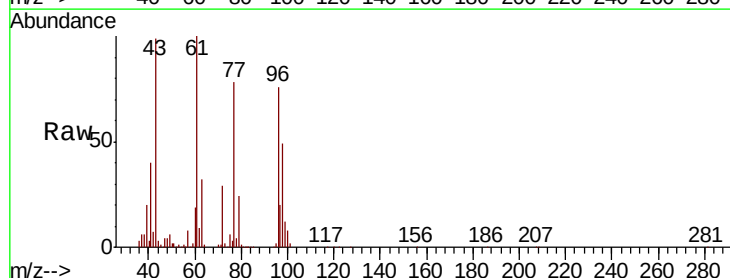
Acq: 08 Sep 2018 01:28

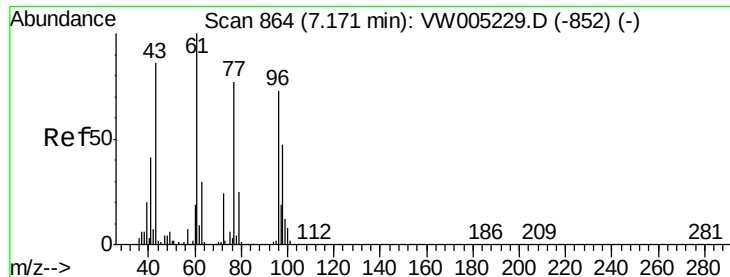
Tgt Ion: 77 Resp: 355573

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.9





#27

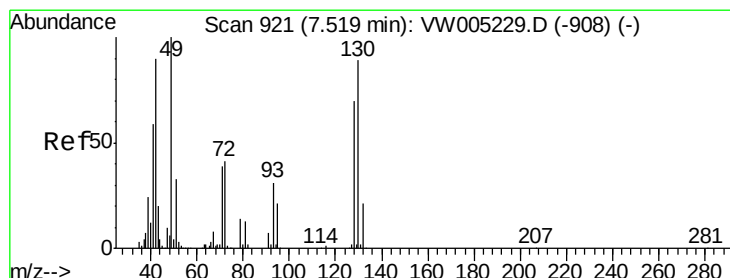
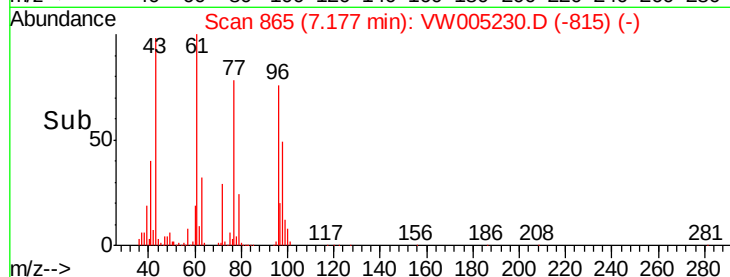
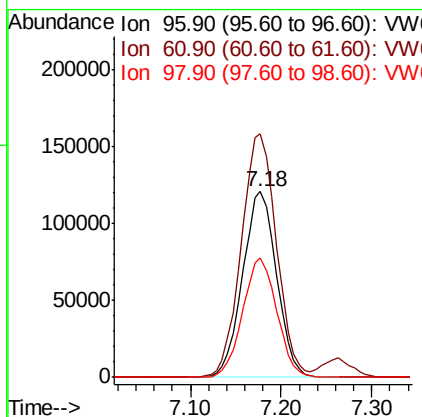
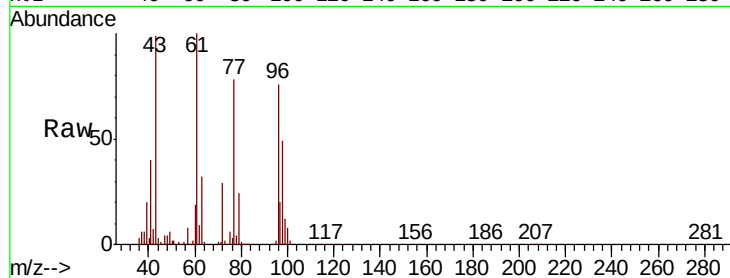
cis-1,2-Dichloroethene
Concen: 63.95 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.4	0.0	274.6	
98	64.2	0.0	129.6	

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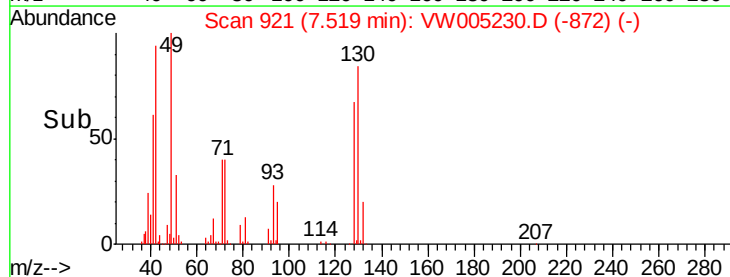
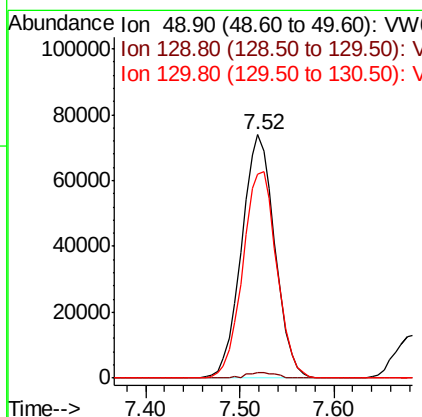
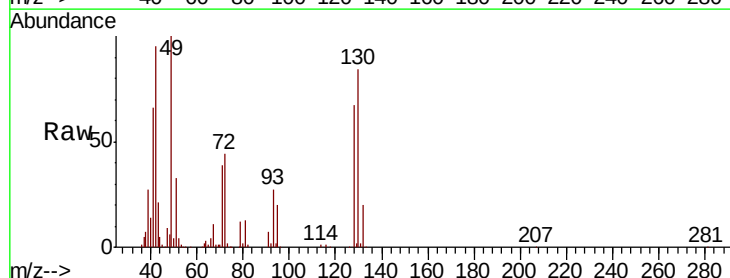
apatel
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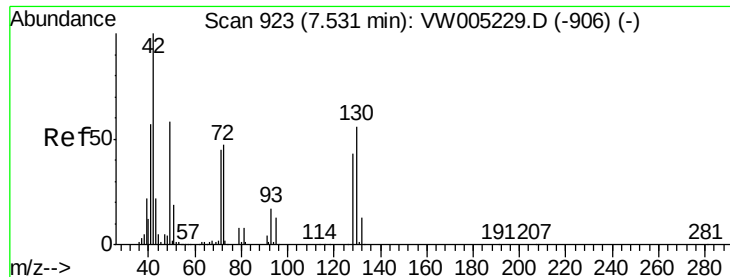


#28

Bromochloromethane
Concen: 60.15 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.0	
130	87.0	70.0	105.0	





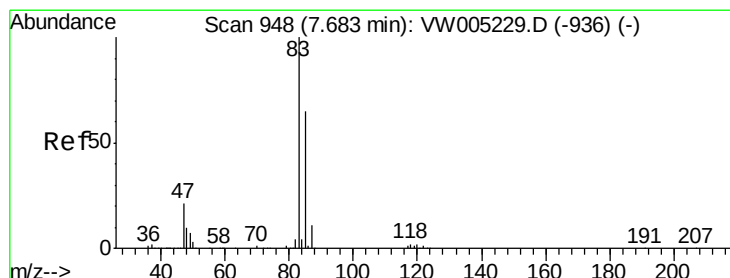
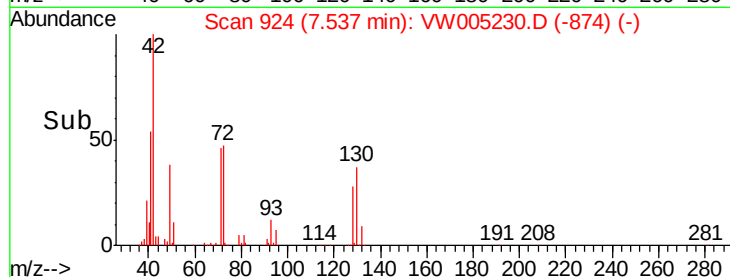
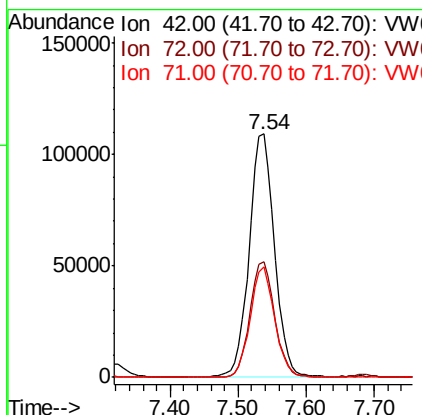
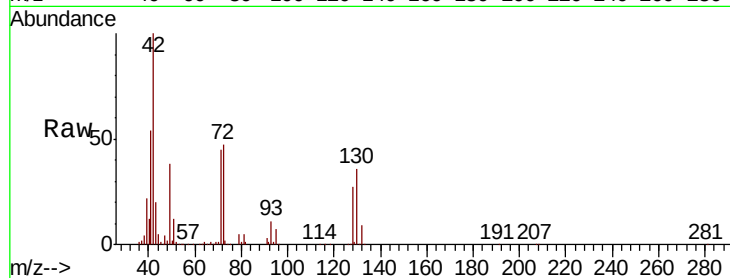
#29
Tetrahydrofuran
Concen: 412.83 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:	42	Resp:	283352
Ion Ratio		Lower	Upper
42	100		
72	46.7	37.4	56.2
71	43.8	35.5	53.3

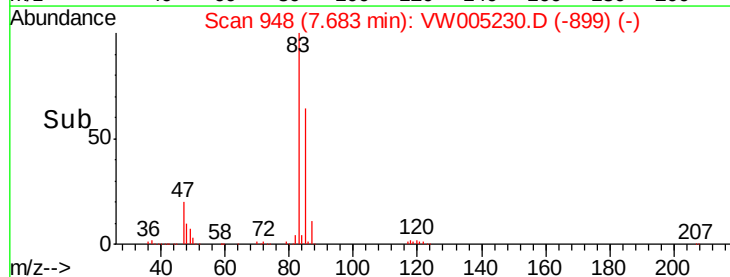
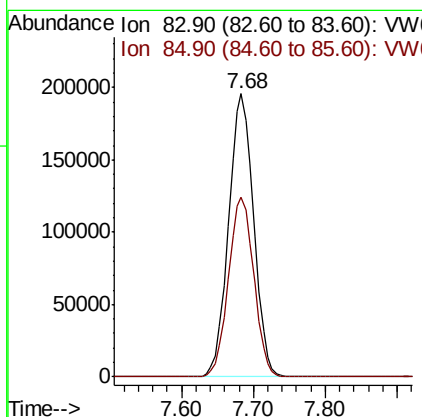
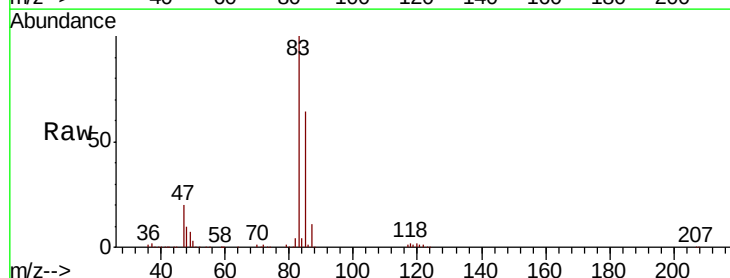
Manual Integrations
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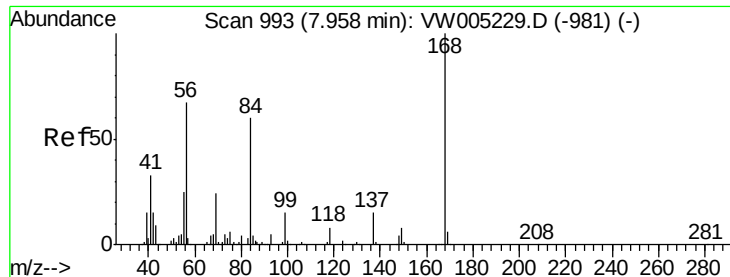
apatel
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#30
Chloroform
Concen: 61.16 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:	83	Resp:	472375
Ion Ratio		Lower	Upper
83	100		
85	63.7	51.9	77.9





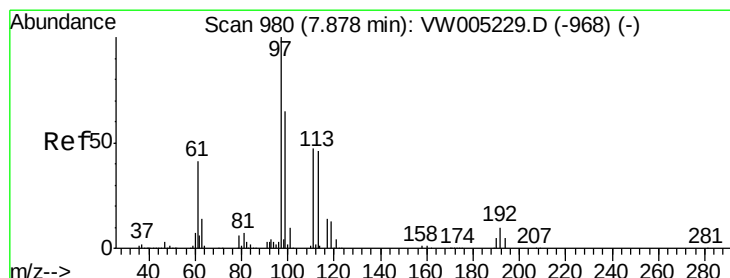
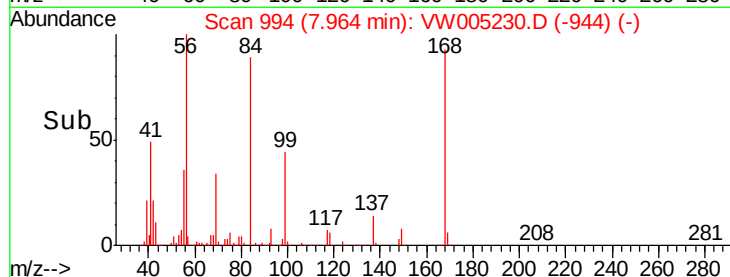
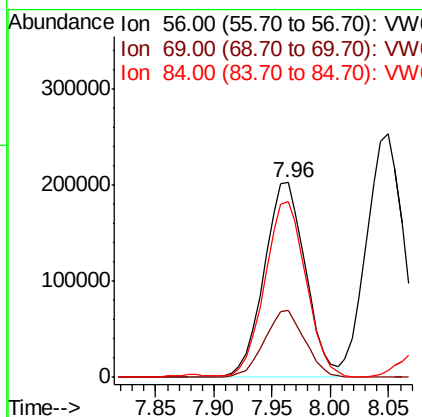
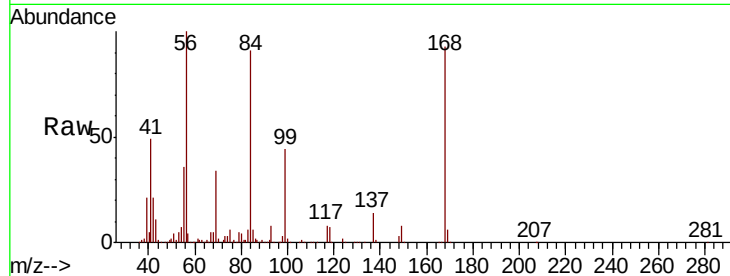
#31
Cyclohexane
Concen: 66.93 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	28.2	42.4
84	89.3	71.3	106.9

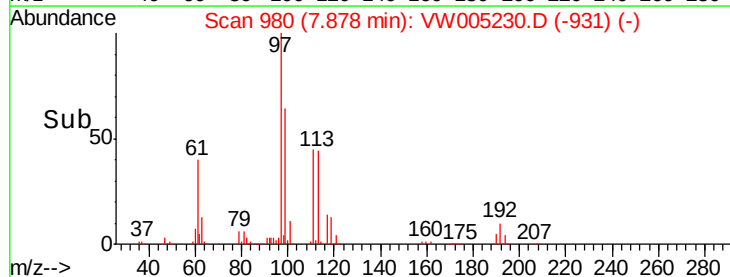
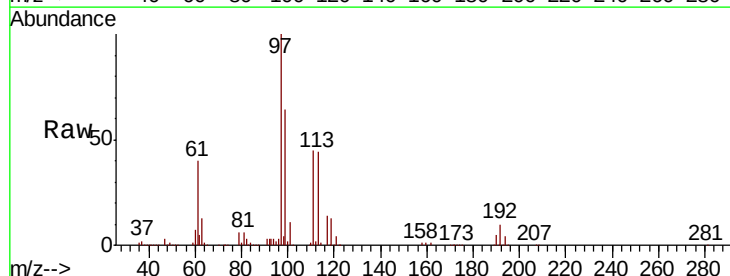
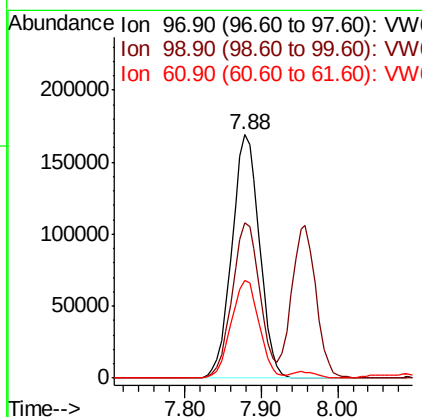
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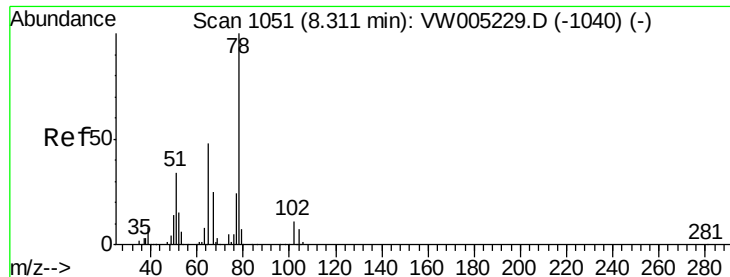
apatel
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#32
1,1,1-Trichloroethane
Concen: 62.58 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	40.6	33.0	49.4





#33

1,2-Dichloroethane-d4

Concen: 64.58 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 65 Resp: 248967

Ion Ratio Lower Upper

65 100

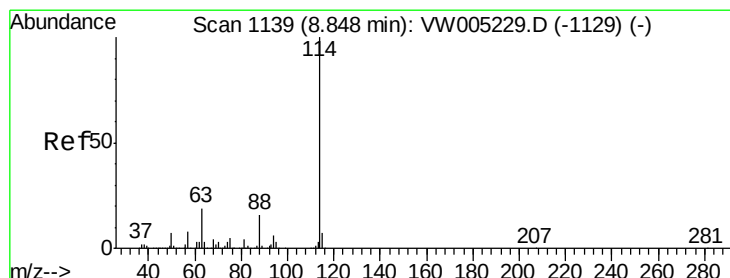
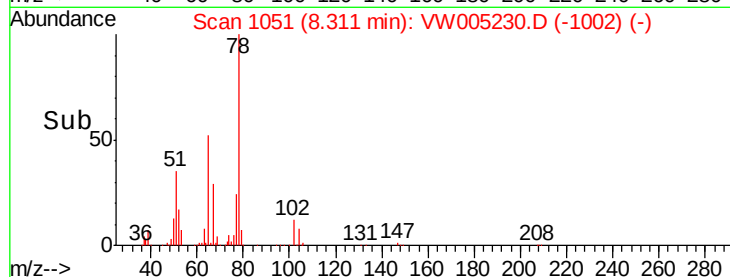
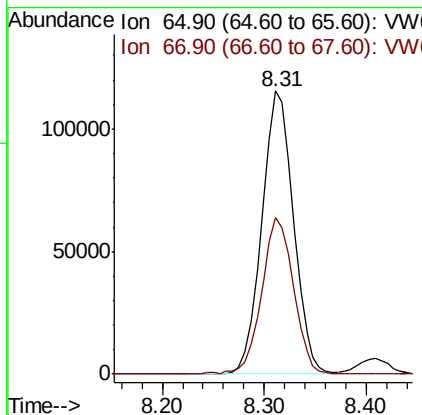
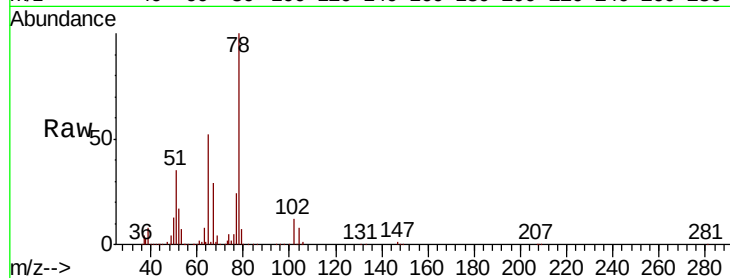
67 55.8 0.0 111.2

Manual Integrations

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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: VW005230.D

Acq: 08 Sep 2018 01:28

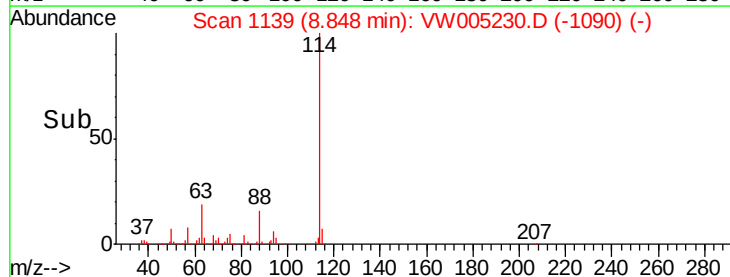
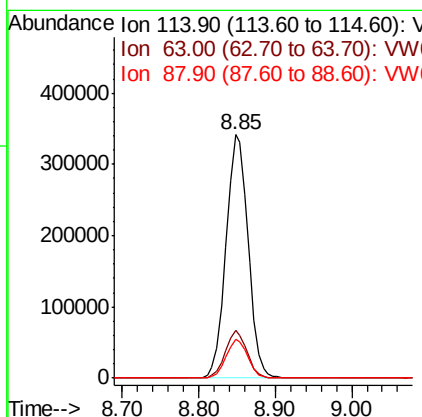
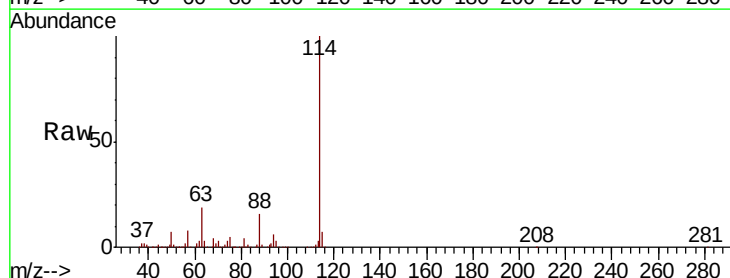
Tgt Ion: 114 Resp: 680662

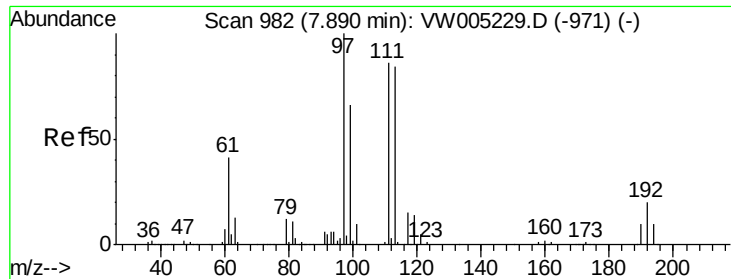
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 64.64 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

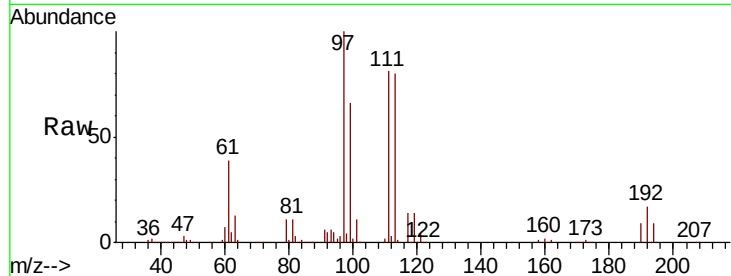
ClientSampleId :

VSTDIC075

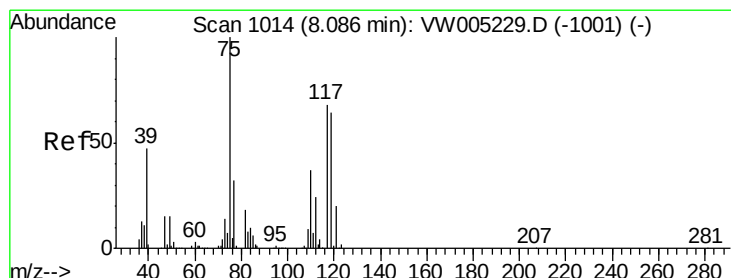
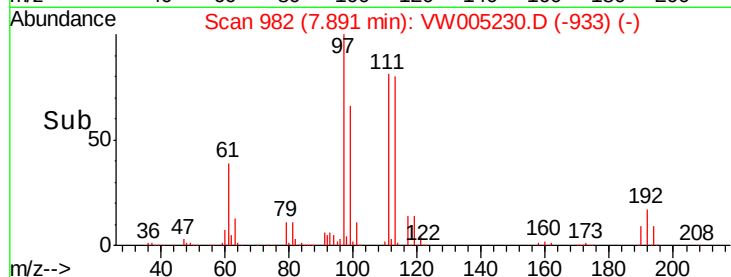
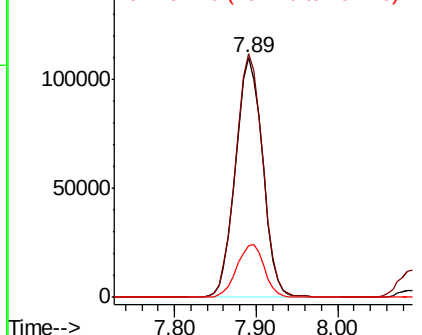
Tot Ion:	113	Resp:	252668
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.0	123.0
192	22.4	18.0	27.0

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 66.37 ug/l

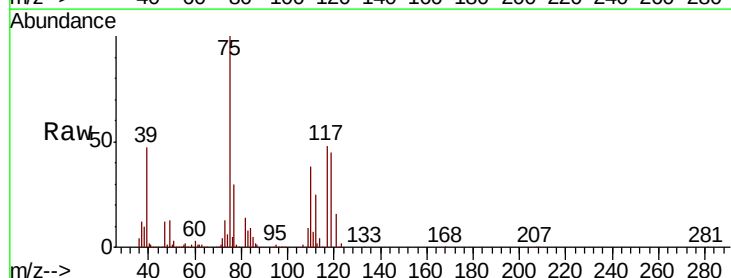
RT: 8.09 min Scan# 1015

Delta R.T. 0.01 min

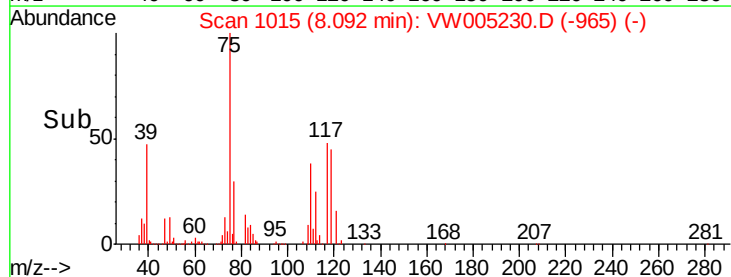
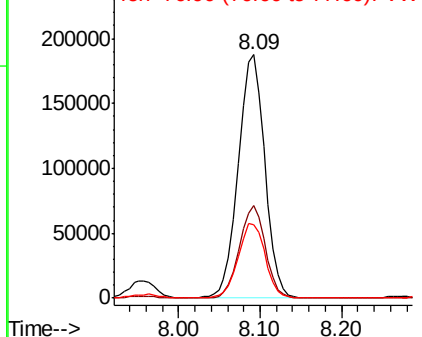
Lab File: VW005230.D

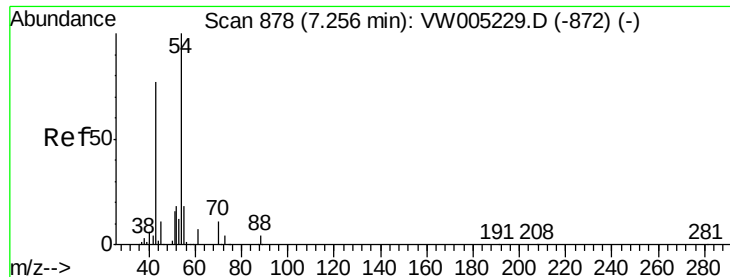
Acq: 08 Sep 2018 01:28

Tgt Ion:	75	Resp:	422096
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.8	56.4
77	31.4	25.2	37.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





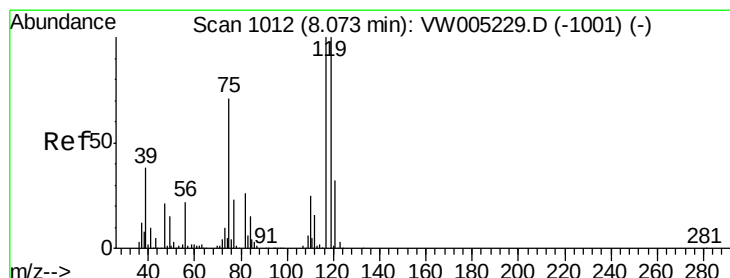
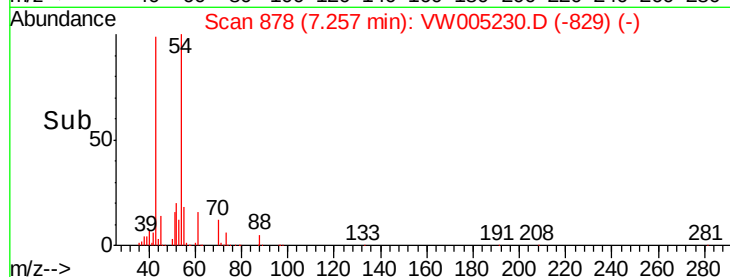
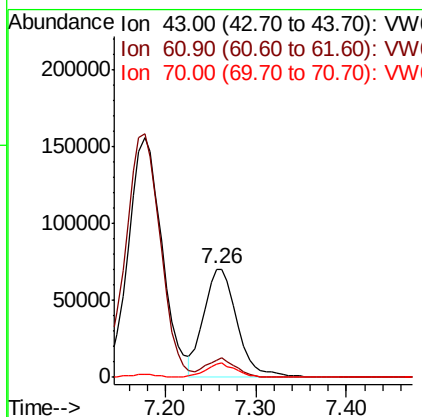
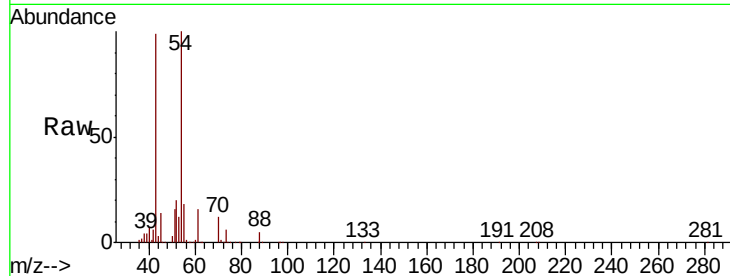
#37
Ethyl Acetate
Concen: 74.36 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.4	17.2
70	12.2	9.6	14.4

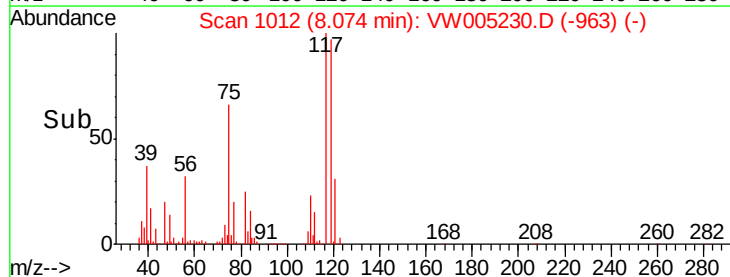
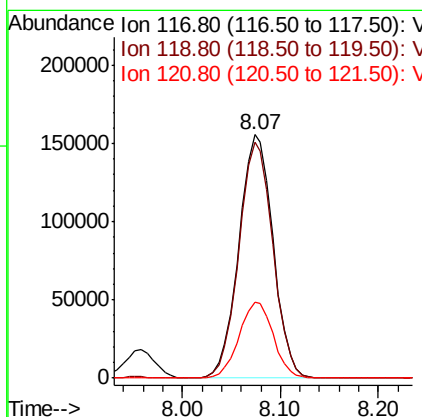
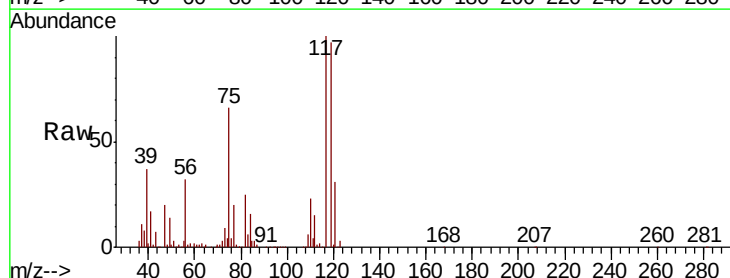
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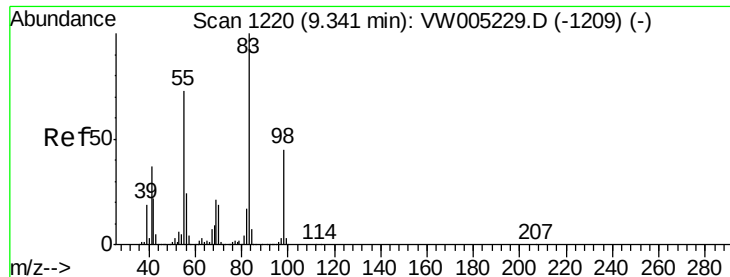
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#38
Carbon Tetrachloride
Concen: 62.42 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.7	119.5
121	31.2	25.4	38.0





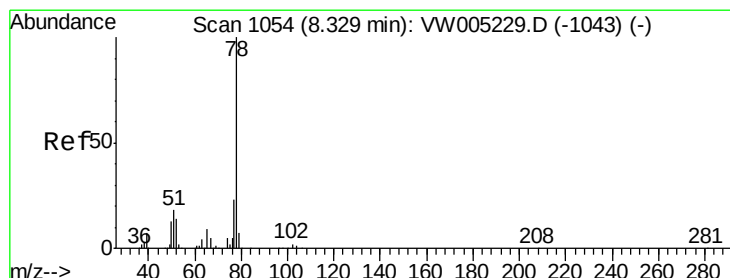
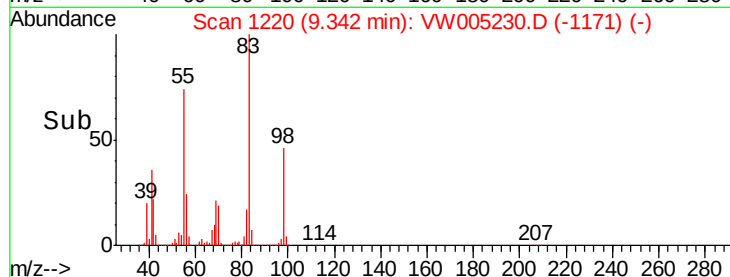
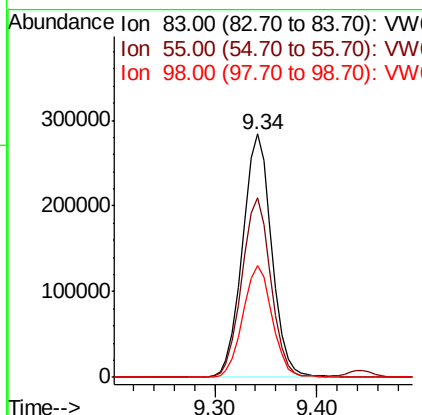
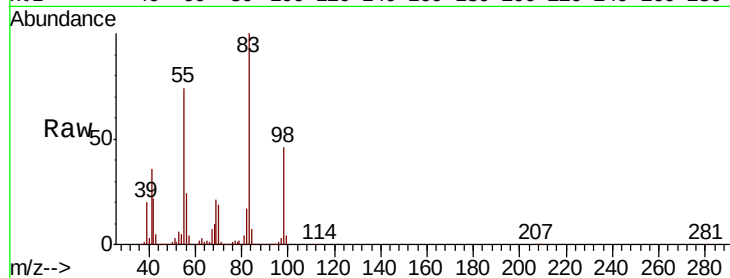
#39
Methylvlcyclohexane
Concen: 73.02 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.7	88.1
98	45.7	36.1	54.1

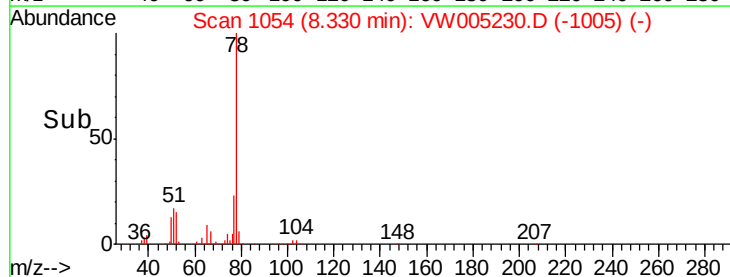
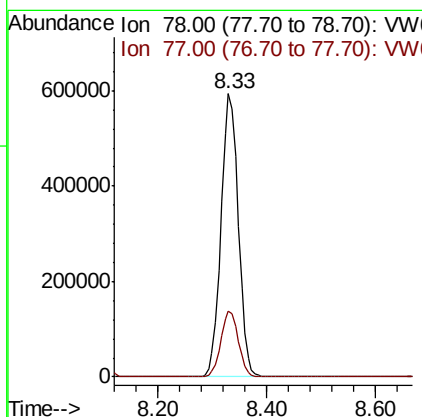
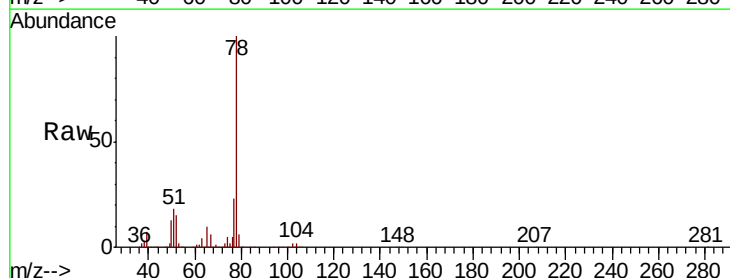
Manual Integrations
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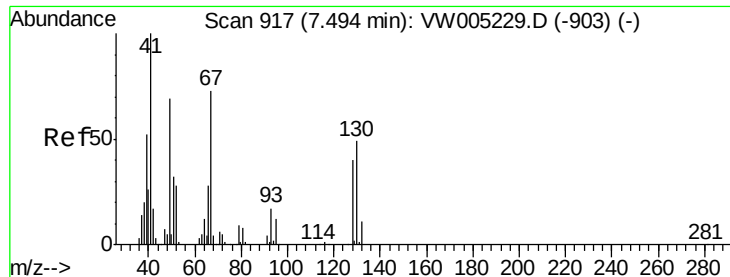
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#40
Benzene
Concen: 67.04 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





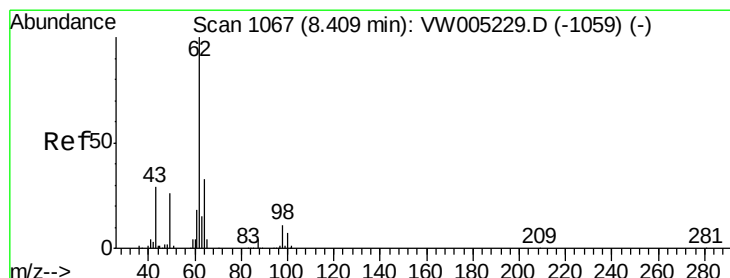
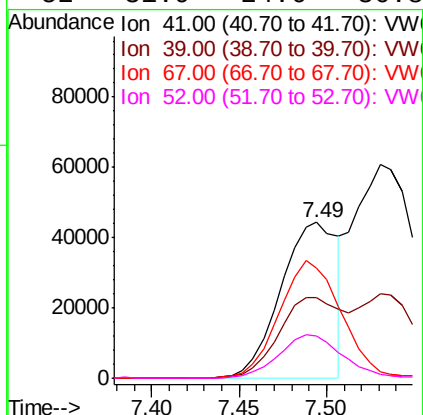
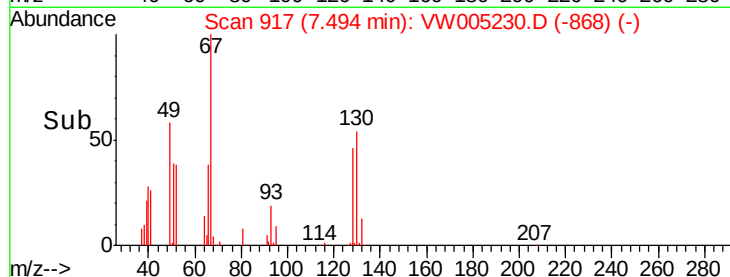
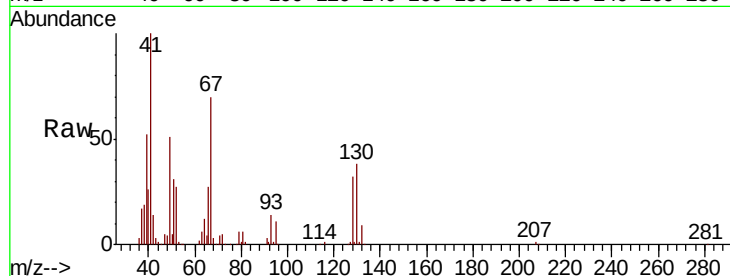
#41
Methacrylonitrile
Concen: 72.50 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.2	40.8	61.2
67	83.0	63.6	95.4
52	31.9	24.6	36.8

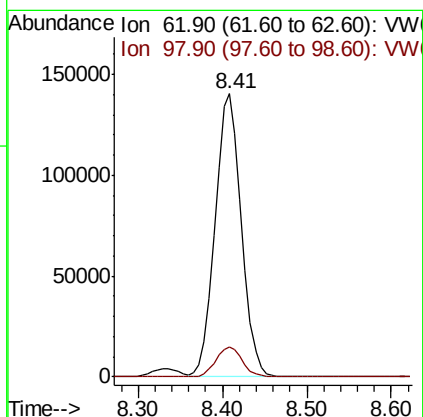
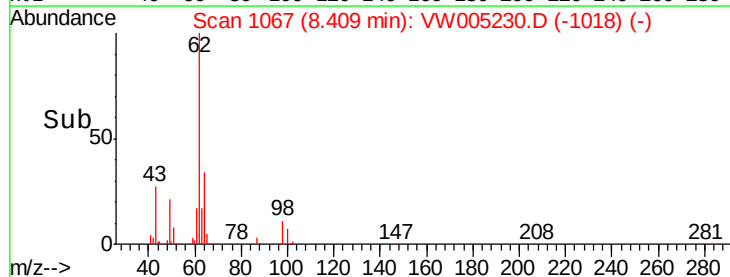
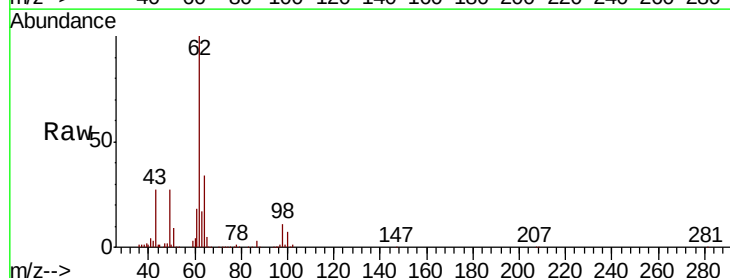
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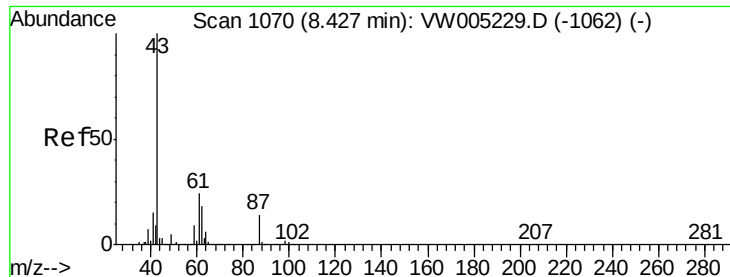
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#42
1,2-Dichloroethane
Concen: 63.22 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 79.62 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

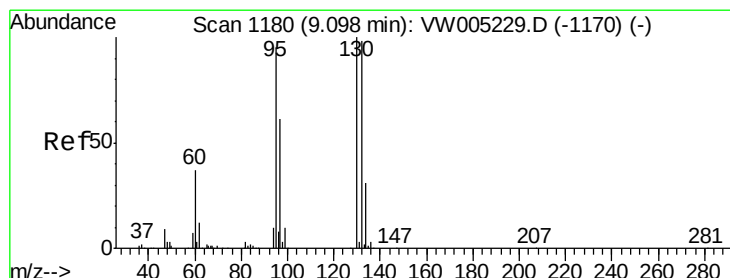
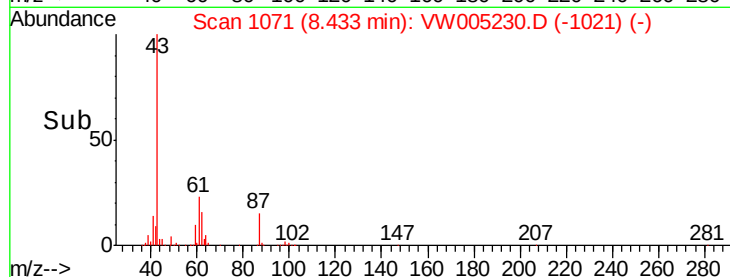
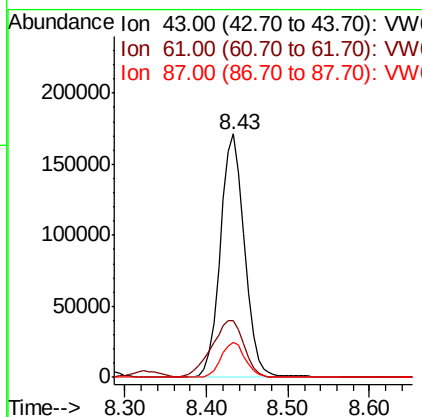
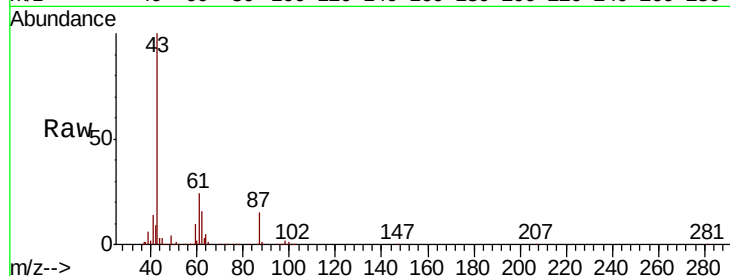
ClientSampleId :

VSTDIC075

Tot Ion	43	Resp	351238
Ion Ratio	Lower	Upper	
43	100		
61	31.5	26.6	39.8
87	14.6	12.2	18.2

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#44

Trichloroethene

Concen: 64.67 ug/l

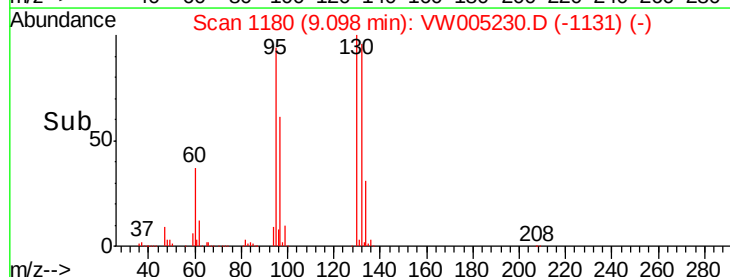
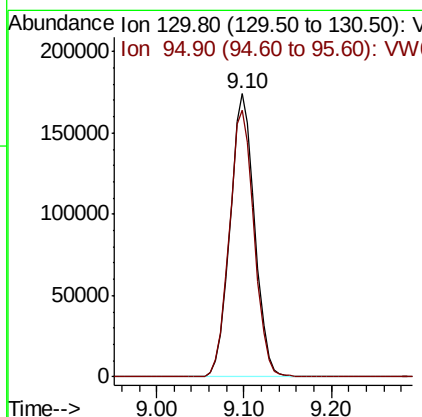
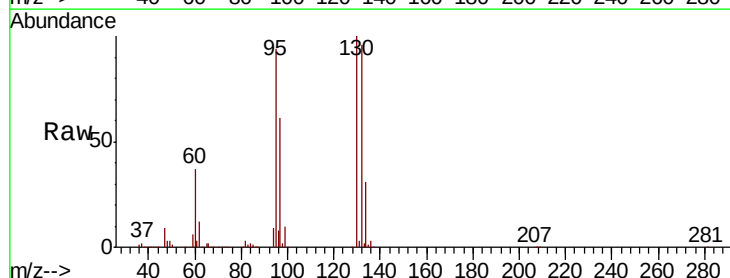
RT: 9.10 min Scan# 1180

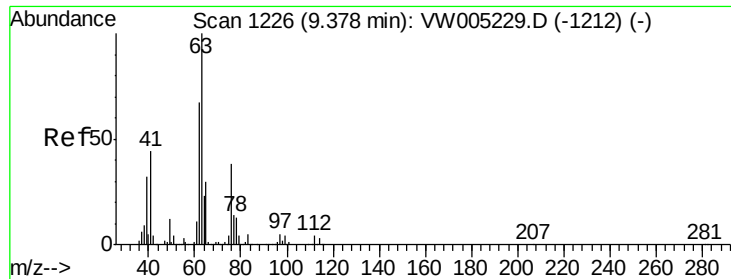
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion	130	Resp	339441
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	189.8





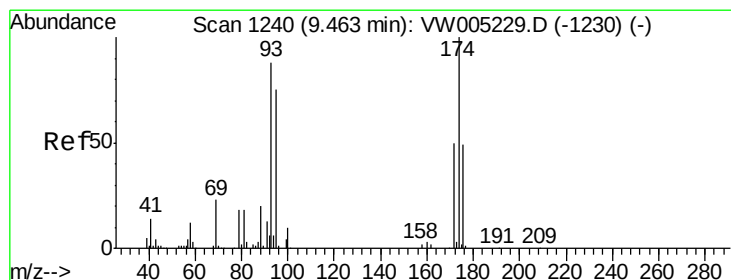
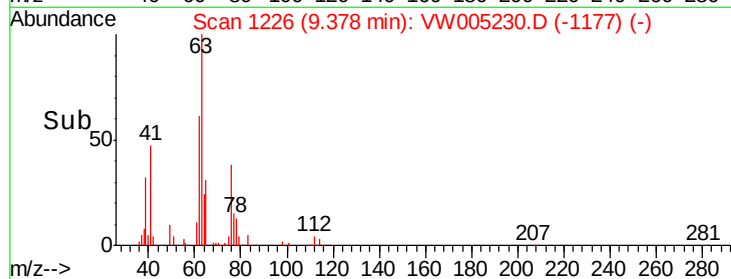
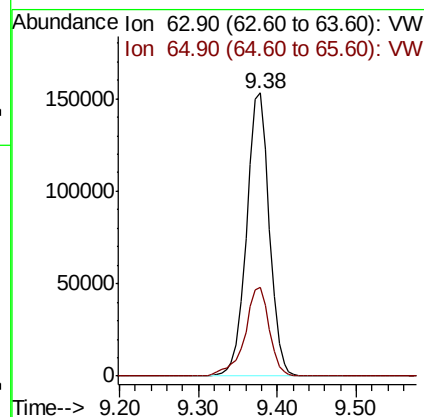
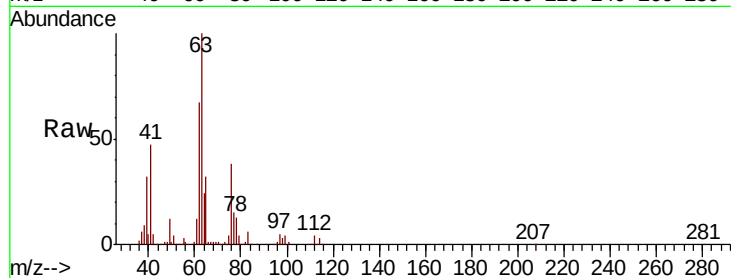
#45
 1,2-Dichloropropane
 Concen: 64.59 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.8	35.8

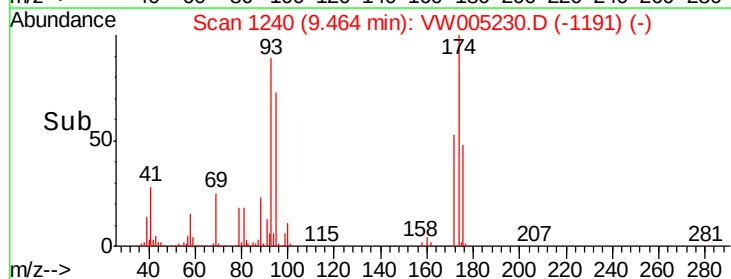
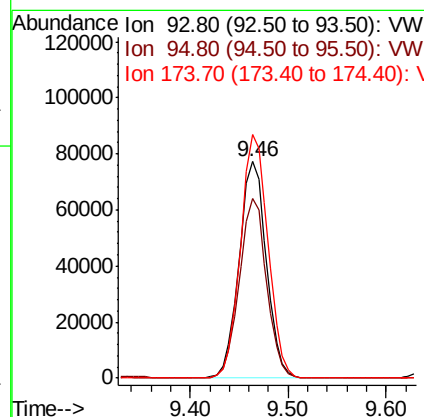
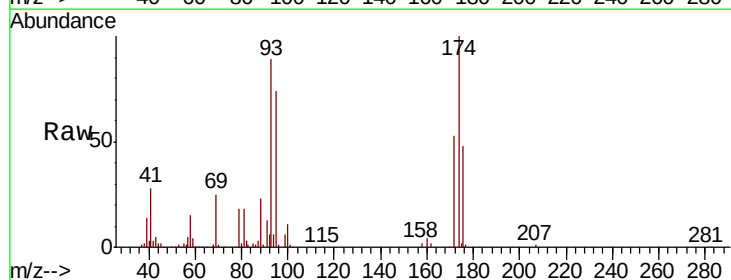
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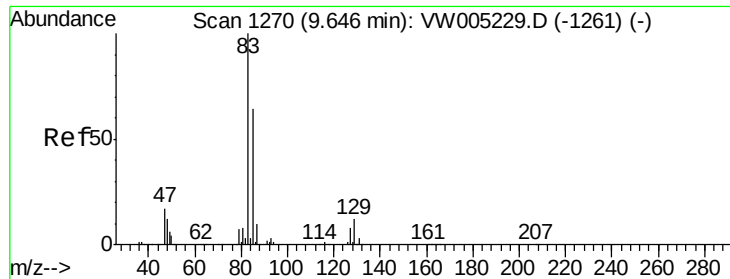
apatel
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#46
 Dibromomethane
 Concen: 65.79 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.4	101.2
174	113.5	91.9	137.9





#47

Bromodichloromethane

Concen: 62.31 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

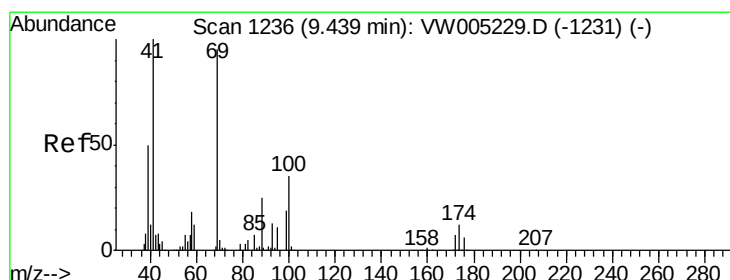
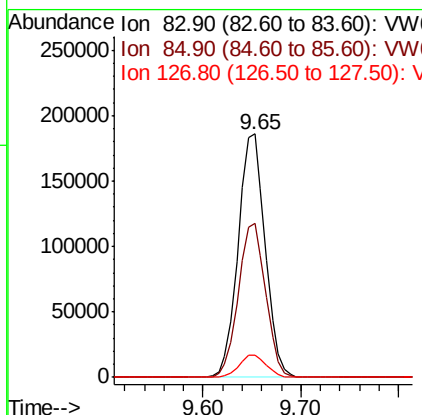
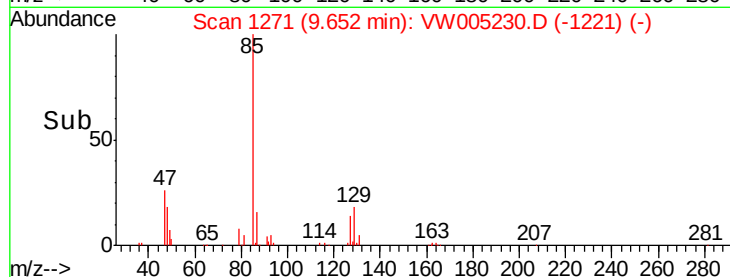
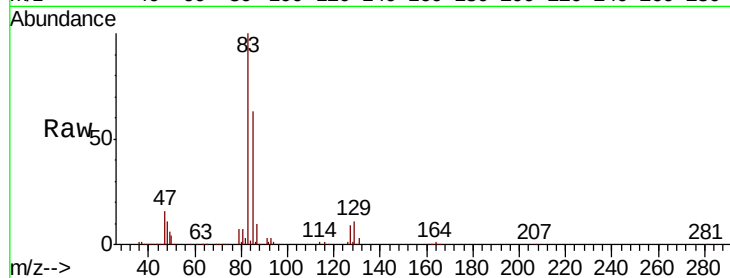
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	355633
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.0	76.6
127	9.0	6.7	10.1

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#48

Methyl methacrylate

Concen: 82.62 ug/l

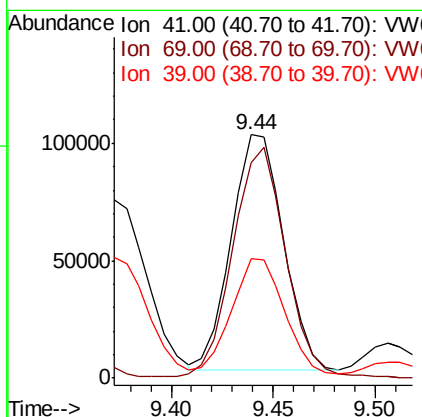
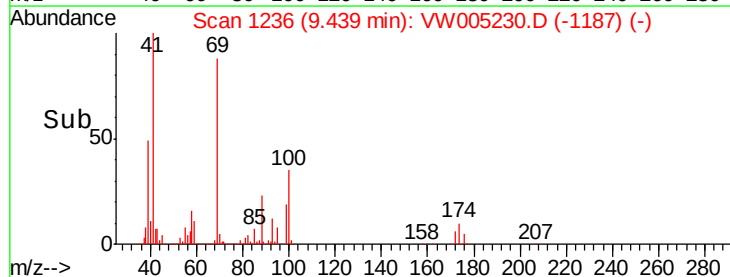
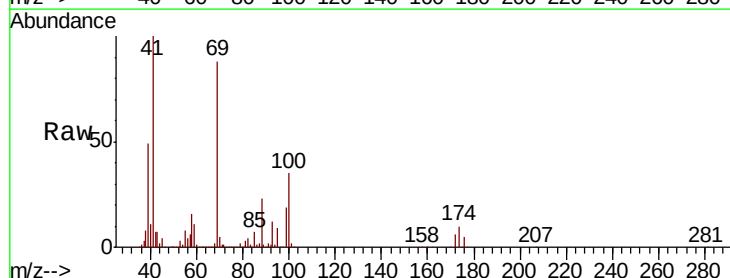
RT: 9.44 min Scan# 1236

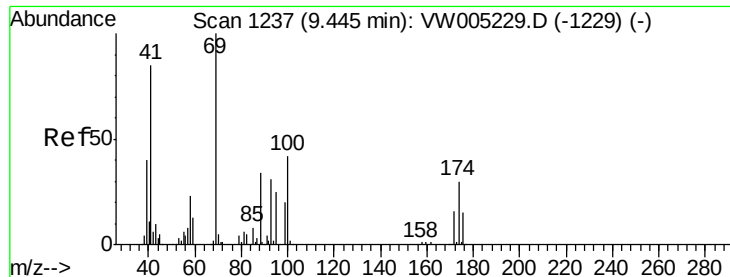
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	41	Resp:	178249
Ion Ratio	Lower	Upper	
41	100		
69	100.1	73.6	110.4
39	49.6	36.9	55.3





#49

1,4-Dioxane

Concen: 1805.24 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

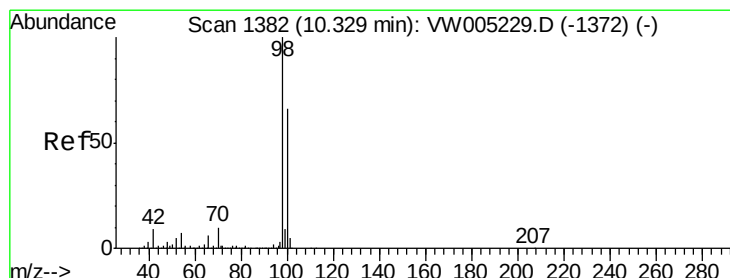
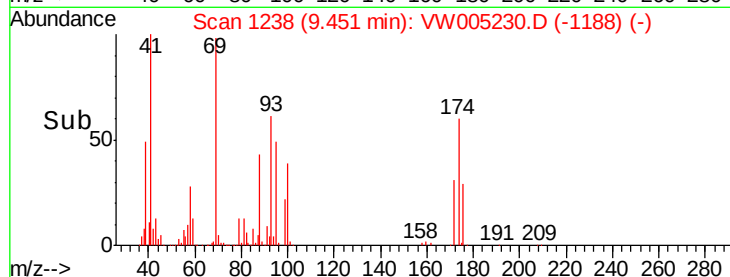
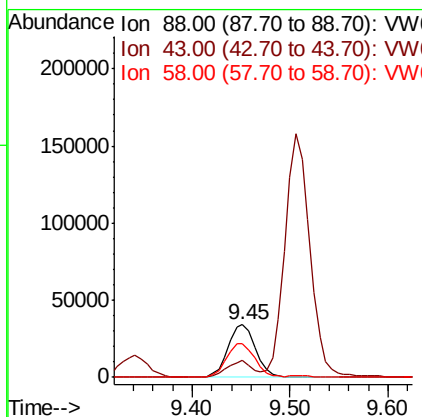
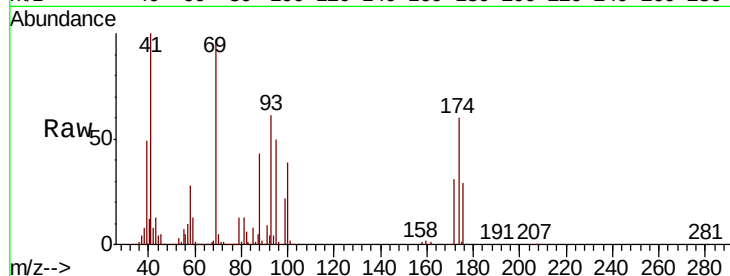
ClientSampled :

VSTDIC075

Tot Ion:	88	Resp:	67354
Ion	Ratio	Lower	Upper
88	100		
43	28.0	22.1	33.1
58	65.8	53.8	80.6

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#50

Toluene-d8

Concen: 70.54 ug/l

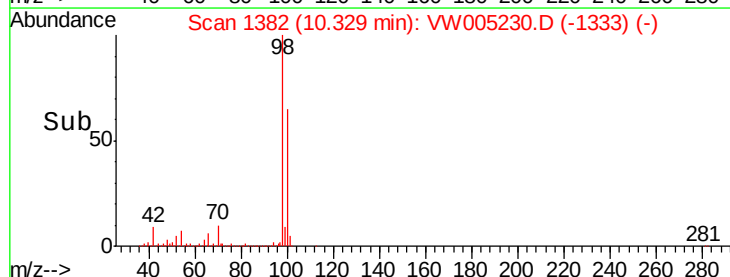
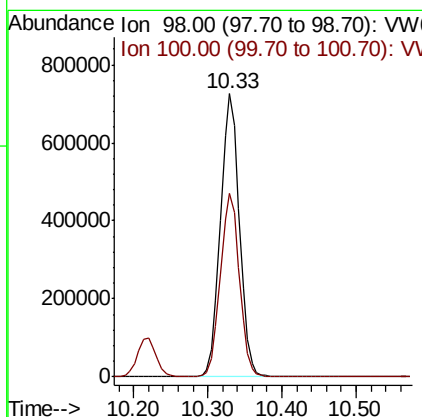
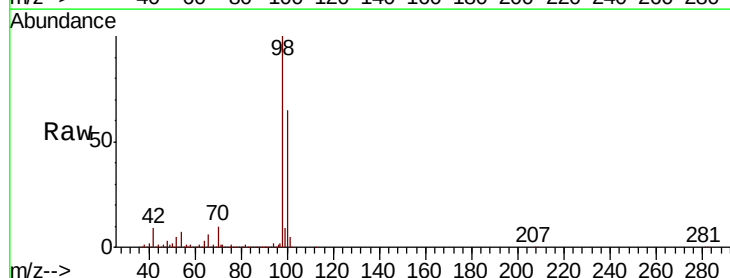
RT: 10.33 min Scan# 1382

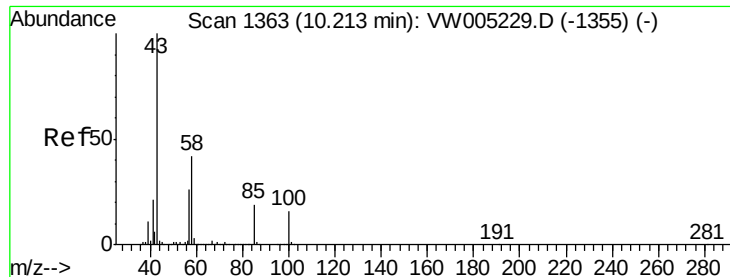
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	98	Resp:	1279576
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7





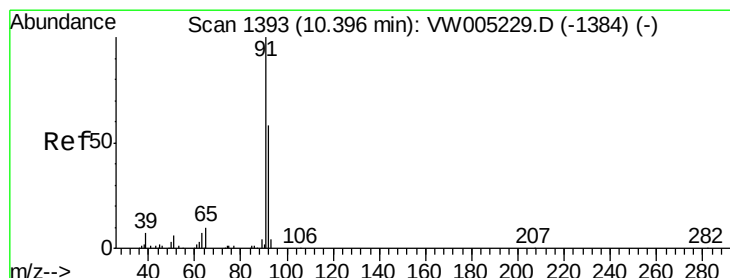
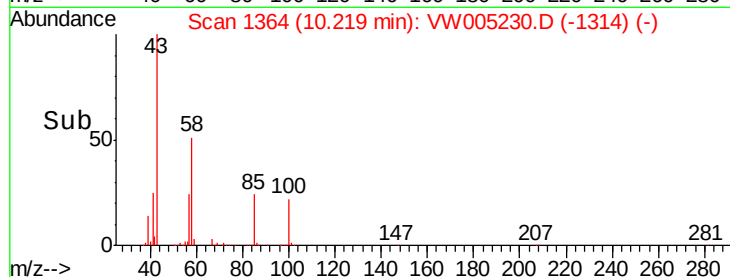
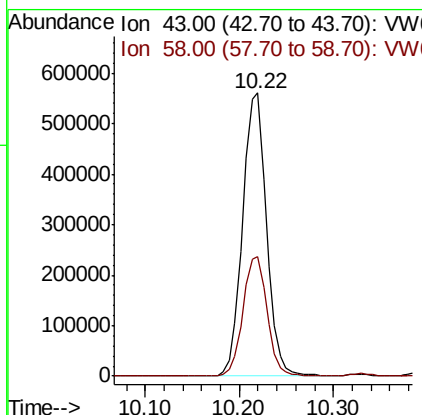
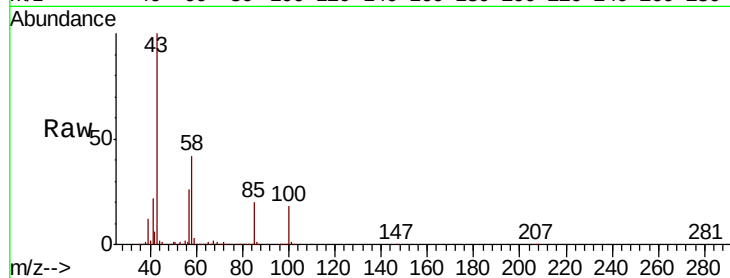
#51
4-Methyl-2-Pentanone
Concen: 348.74 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	42.7		33.3	49.9	

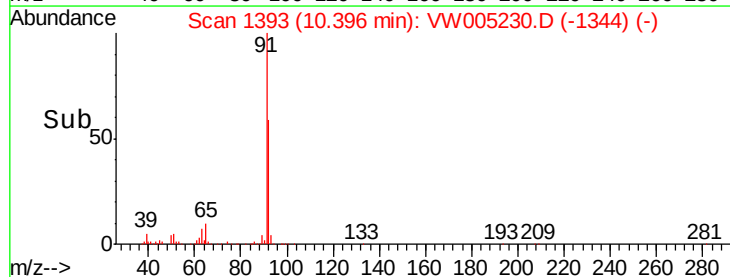
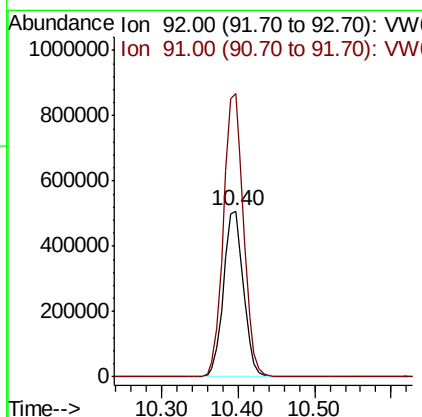
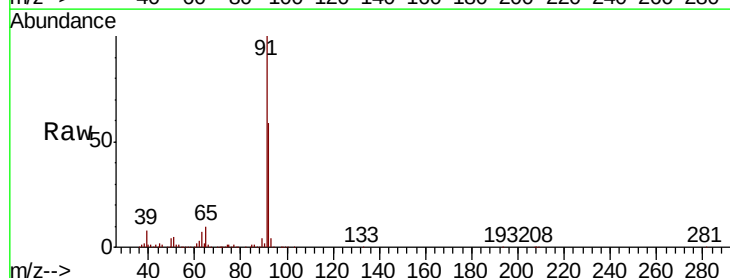
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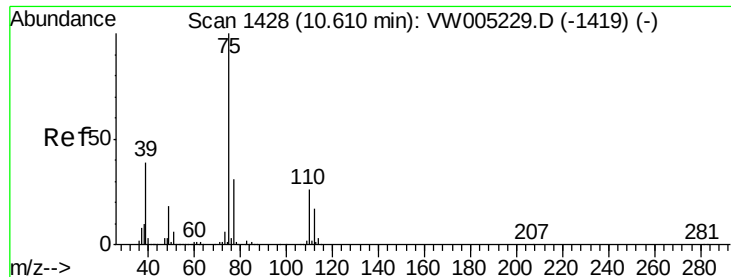
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#52
Toluene
Concen: 69.28 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	171.9		137.4	206.0	





#53

t-1,3-Dichloropropene

Concen: 70.58 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 75 Resp: 398976

Ion Ratio Lower Upper

75 100

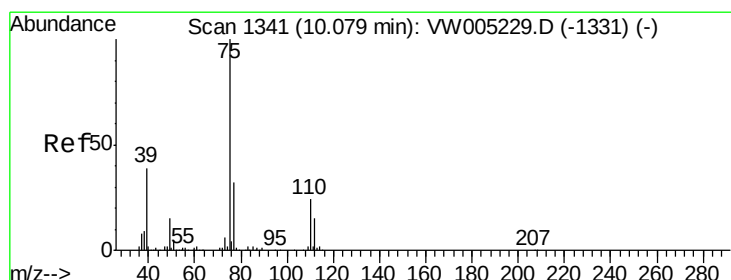
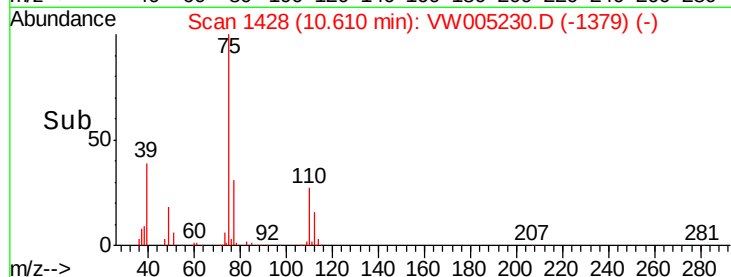
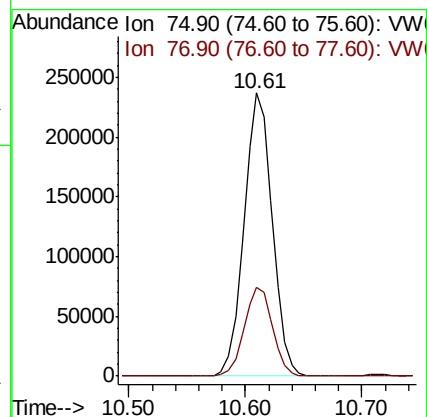
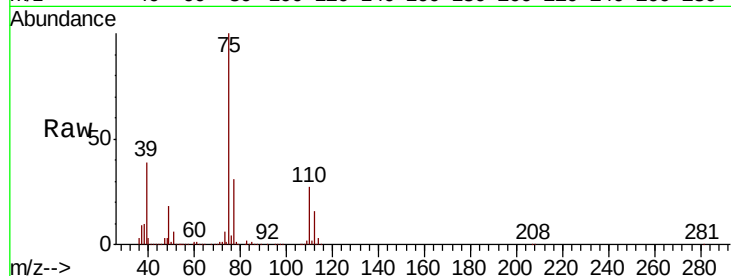
77 31.4 24.7 37.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 67.20 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

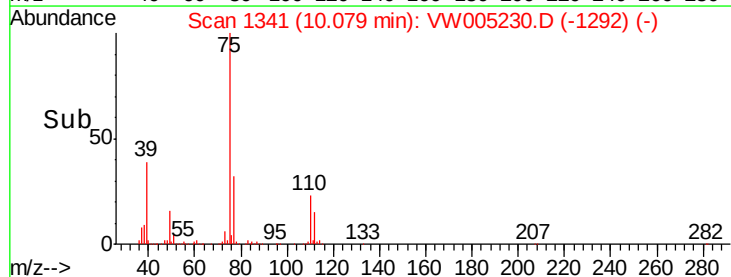
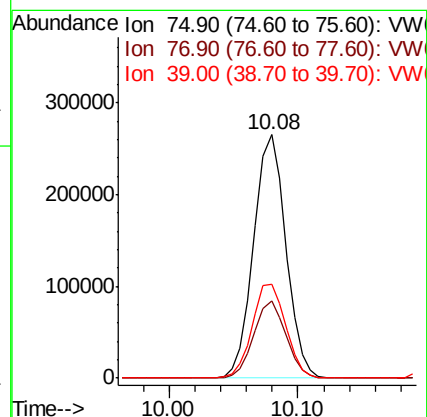
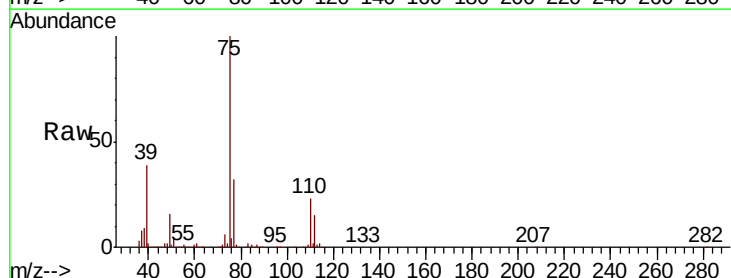
Tgt Ion: 75 Resp: 459232

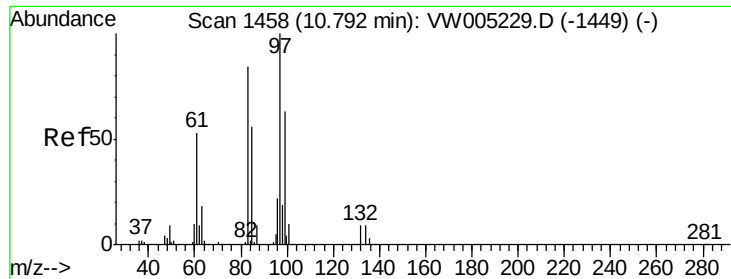
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 38.7 31.2 46.8





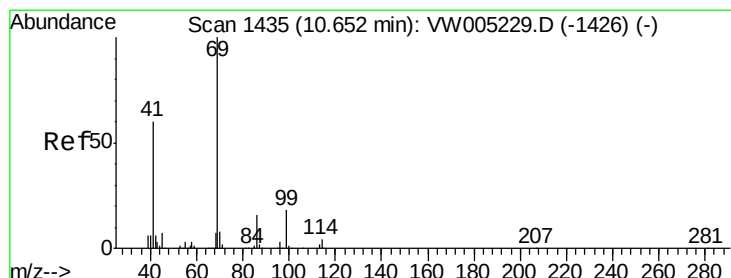
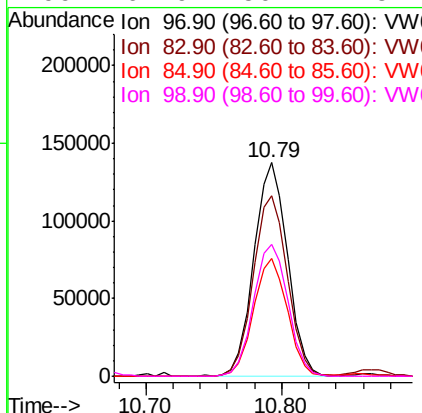
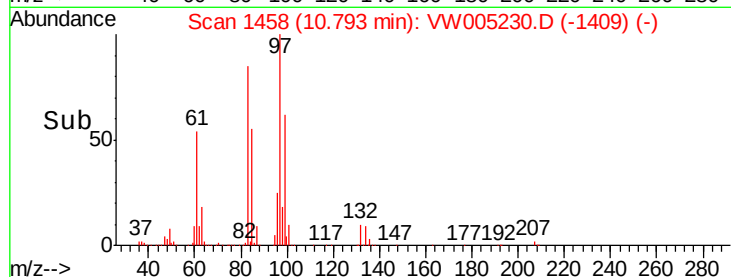
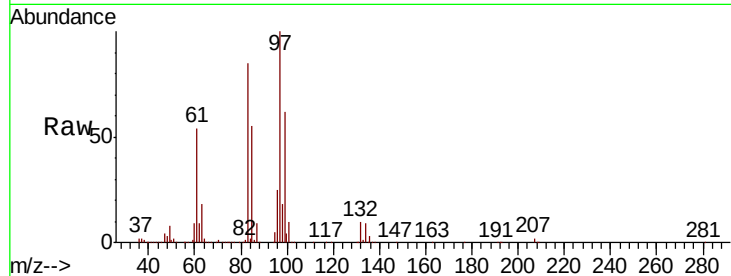
#55
 1,1,2-Trichloroethane
 Concen: 67.83 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		239727		
83	84.5	67.4	101.0		
85	55.0	44.6	66.8		
99	61.9	50.1	75.1		

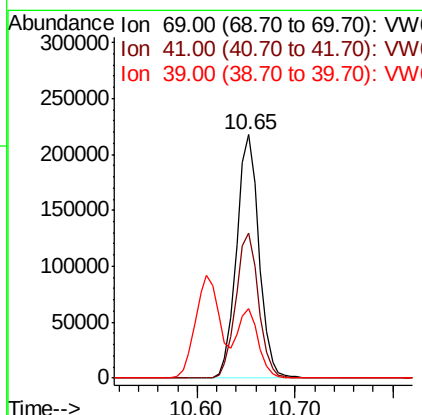
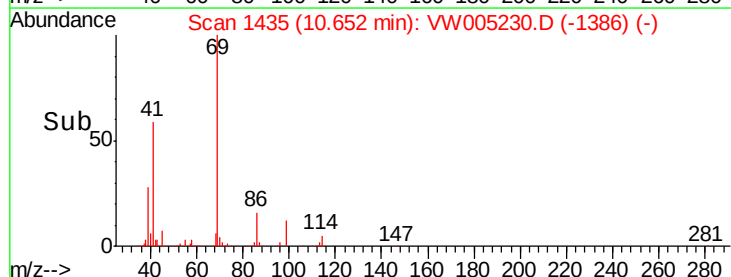
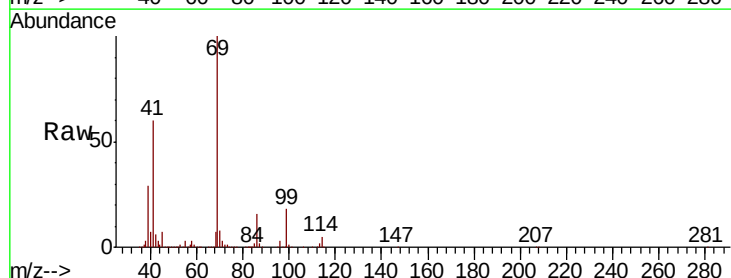
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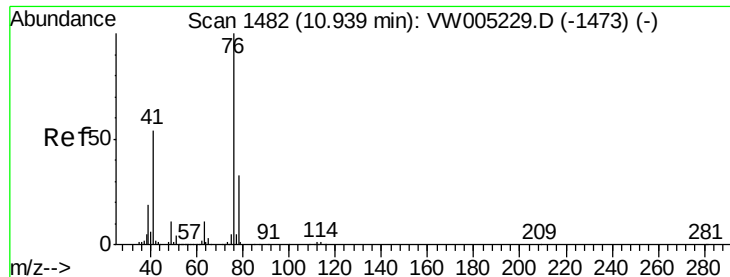
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#56
 Ethyl methacrylate
 Concen: 84.30 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		346198		
41	59.7	47.9	71.9		
39	26.2	20.9	31.3		





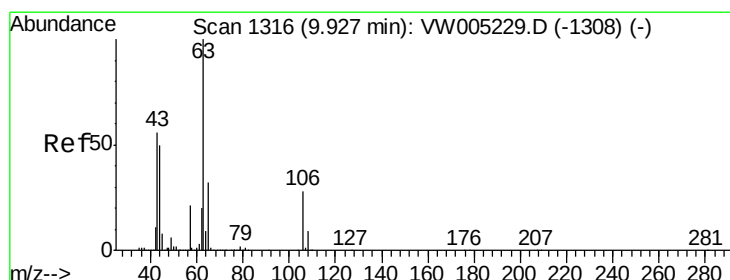
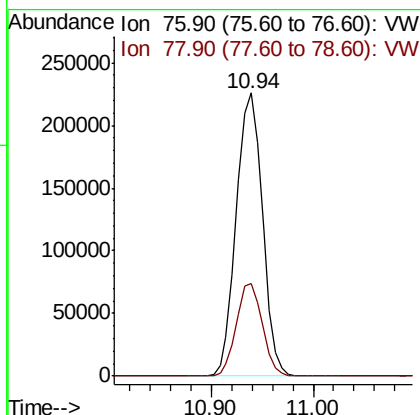
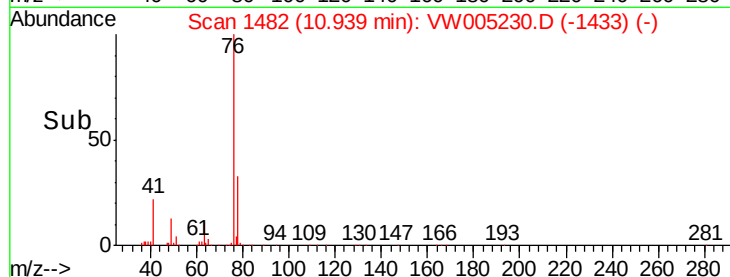
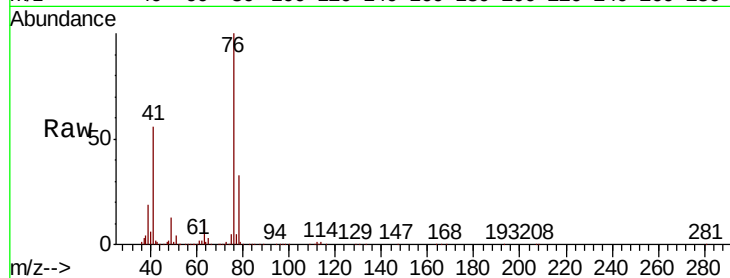
#57
 1,3-Dichloropropane
 Concen: 68.62 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

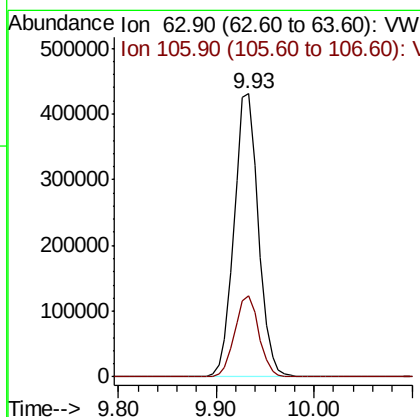
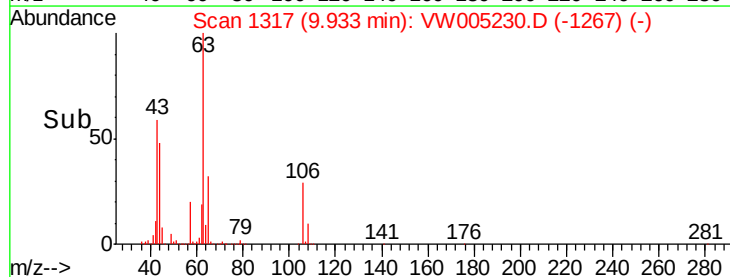
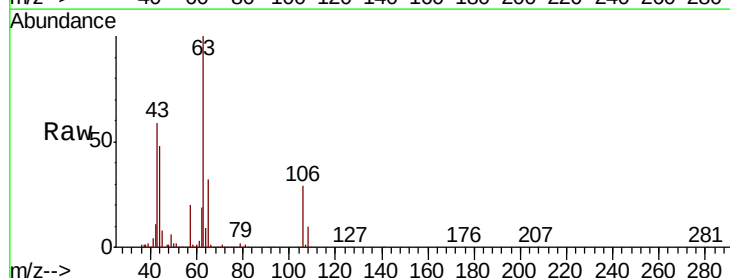
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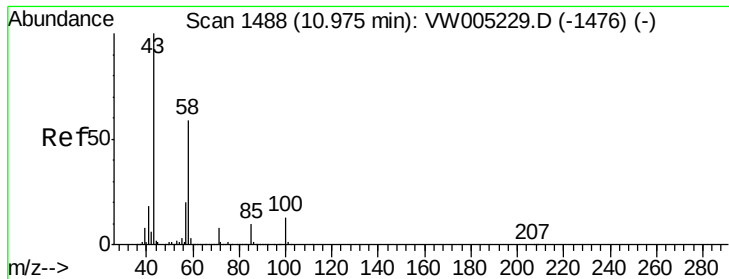
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#58
 2-Chloroethyl Vinyl ether
 Concen: 387.36 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.3	34.9





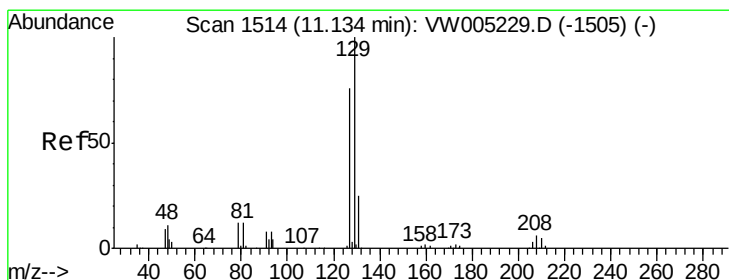
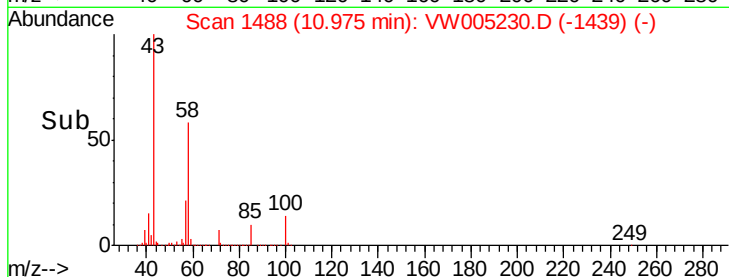
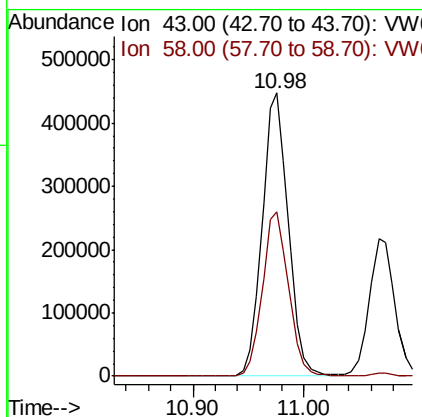
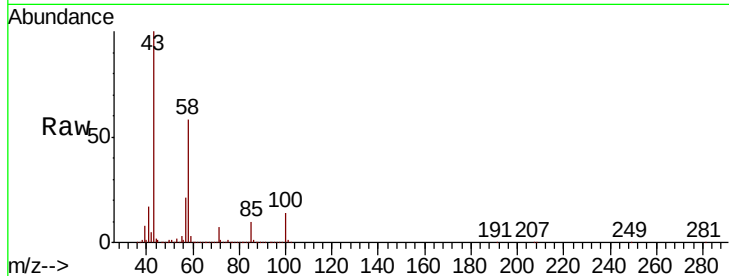
#59
2-Hexanone
Concen: 376.84 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	43	Resp	731130
Ion Ratio	100	Lower	Upper
43	100		
58	58.3	29.2	87.6

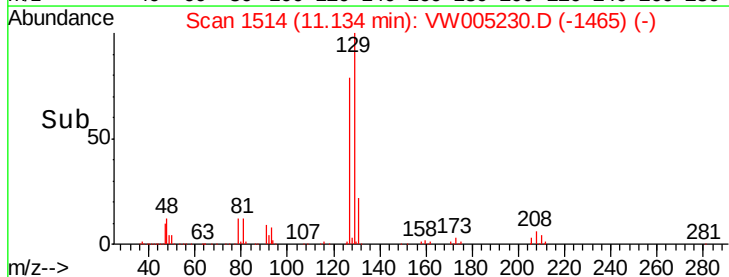
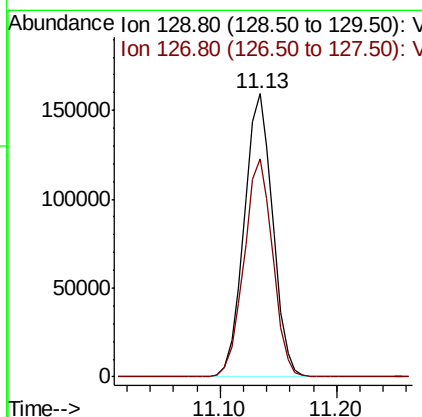
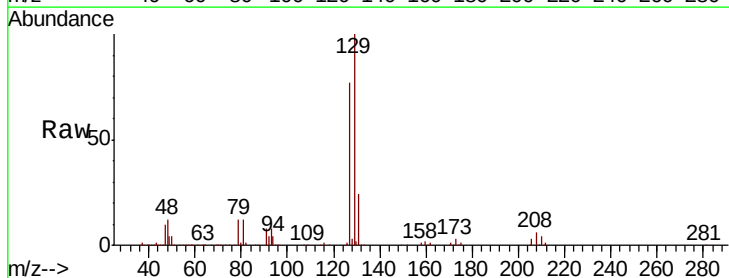
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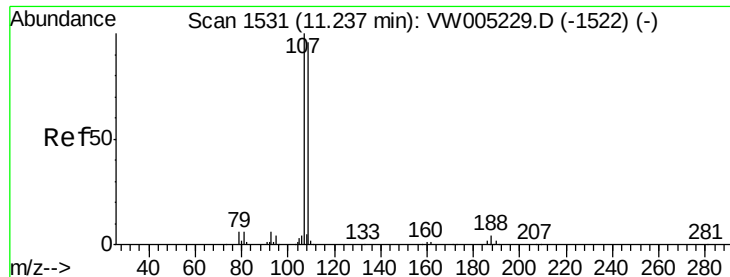
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#60
Dibromochloromethane
Concen: 68.17 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	129	Resp	272441	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.5	38.7	116.1	





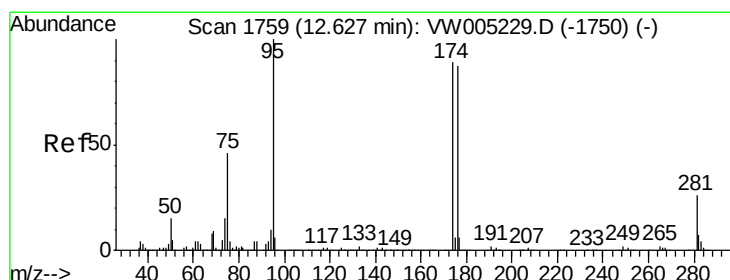
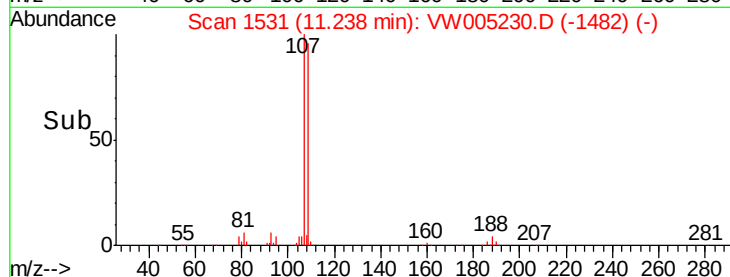
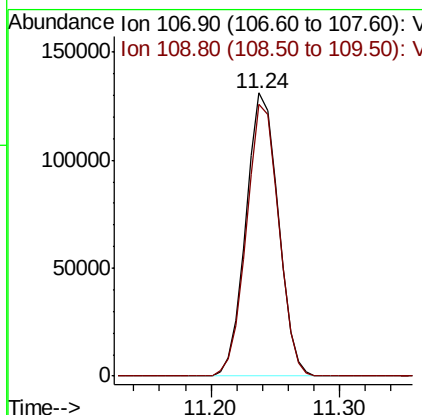
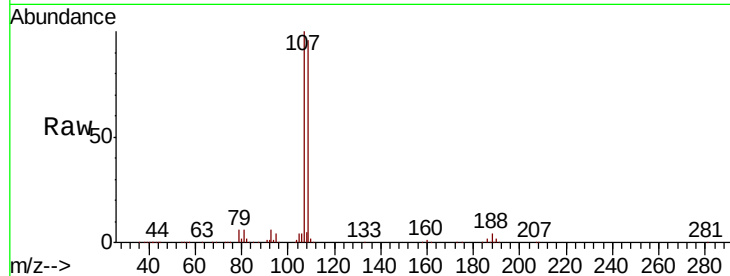
#61
 1,2-Dibromoethane
 Concen: 70.77 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	76.6	115.0

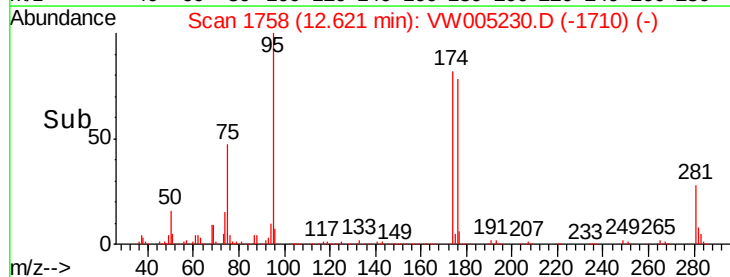
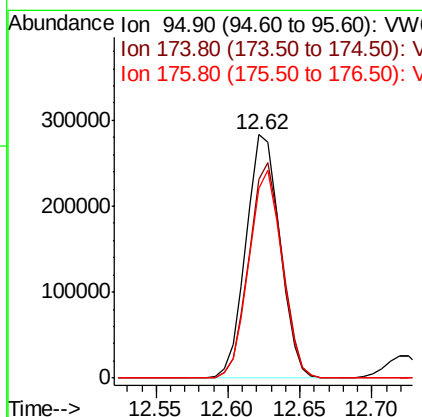
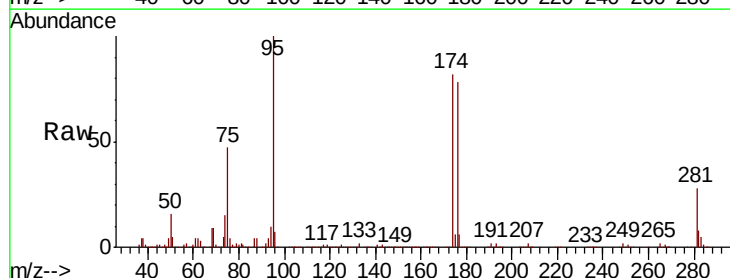
Manual Integrations
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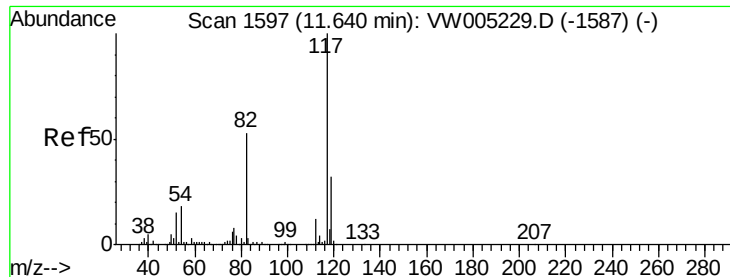
apatel
 9/10/2018 10:42:17 AM



#62
 4-Bromofluorobenzene
 Concen: 71.76 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	173.2
176	83.5	0.0	167.2





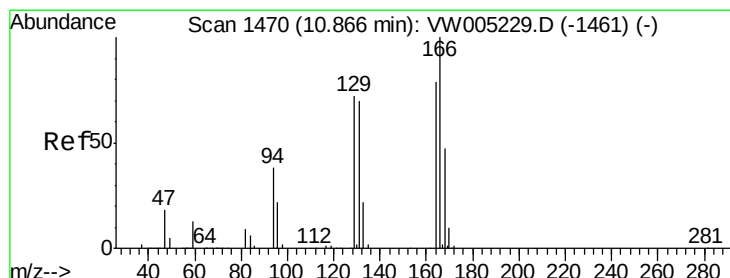
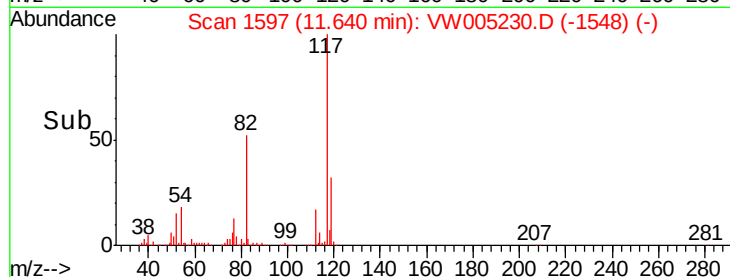
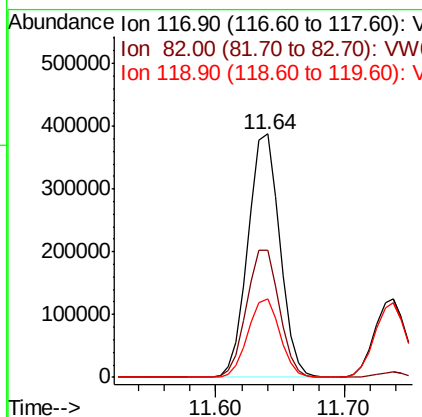
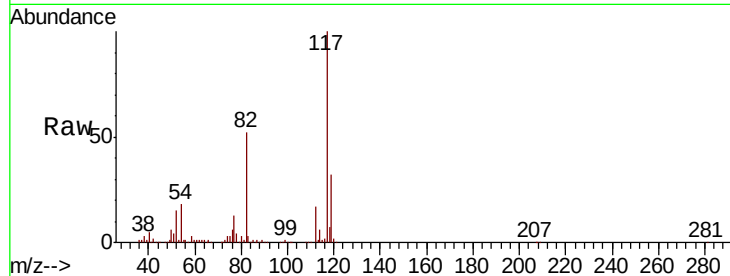
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
117	100	661910		
82	52.0		42.3	63.5
119	32.0		25.7	38.5

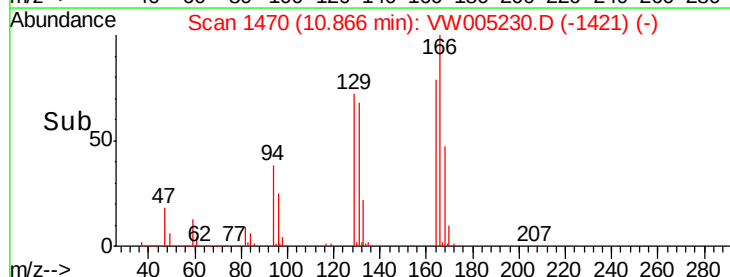
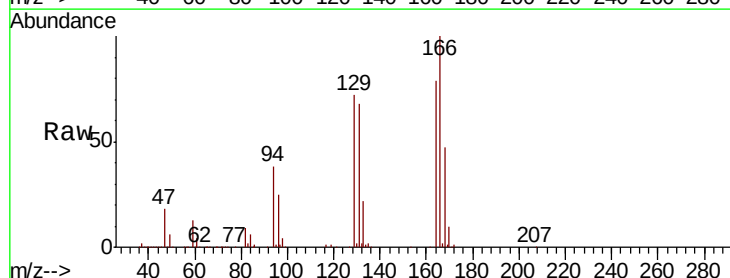
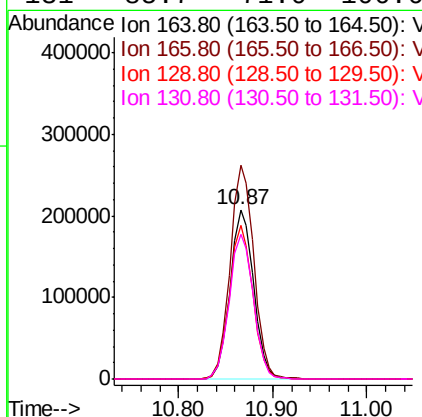
Manual Integrations
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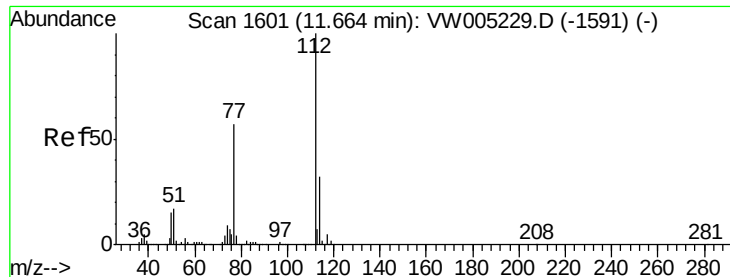
apatel
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#64
Tetrachloroethene
Concen: 69.53 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	359466		
166	126.4		101.0	151.6
129	90.9		73.0	109.4
131	85.7		71.0	106.6





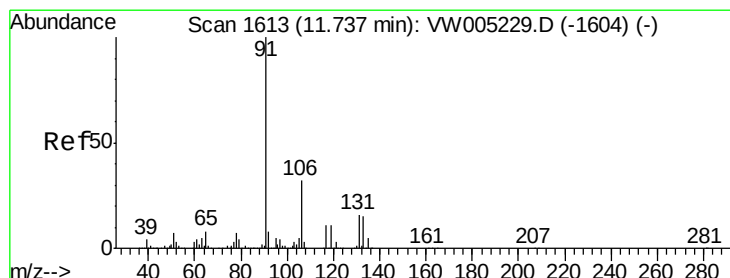
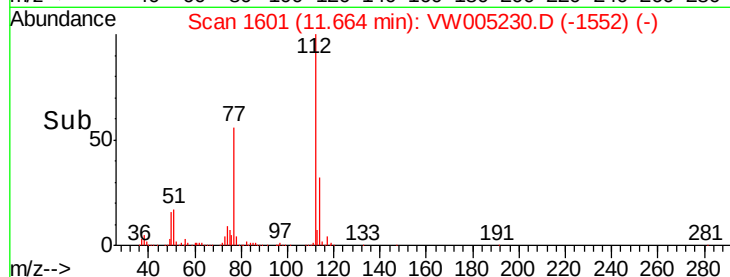
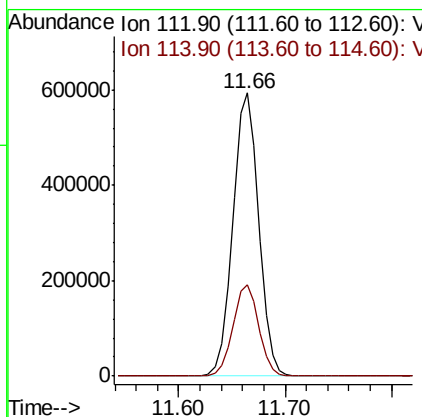
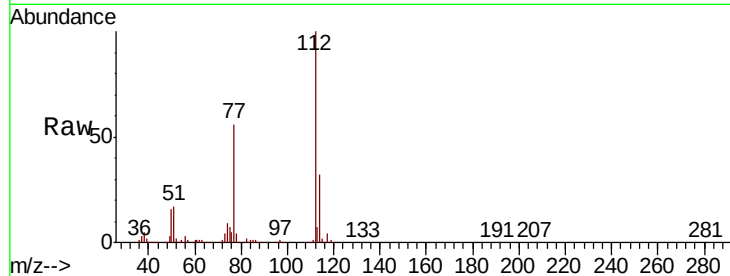
#65
Chlorobenzene
Concen: 68.53 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 1007825
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

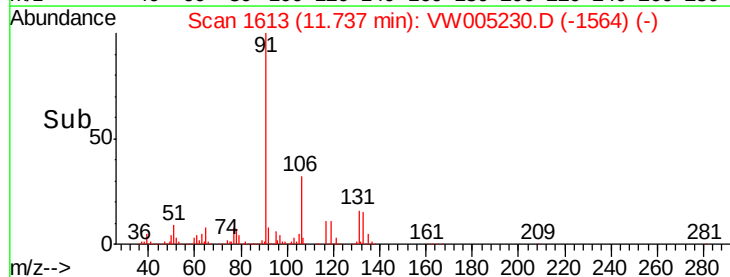
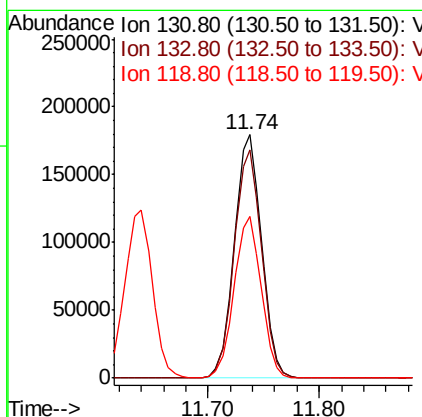
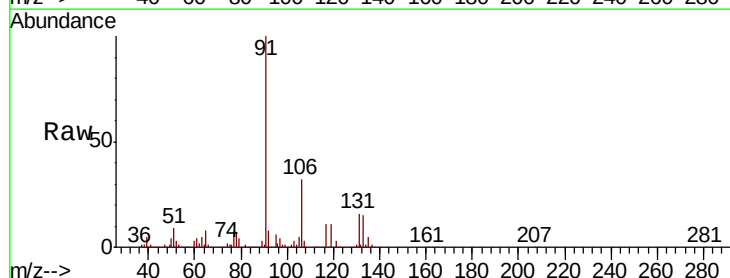
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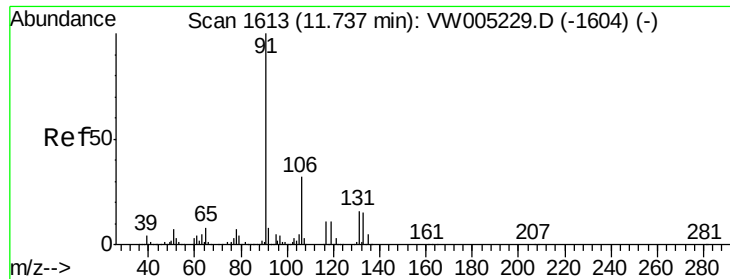
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#66
1,1,1,2-Tetrachloroethane
Concen: 67.54 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:131 Resp: 303087
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.2 33.3 99.8





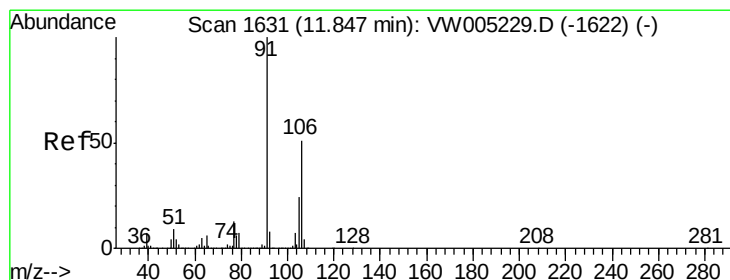
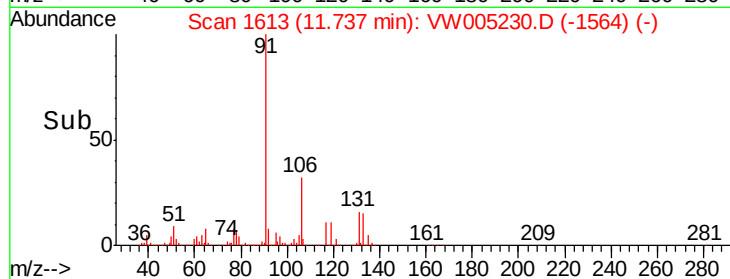
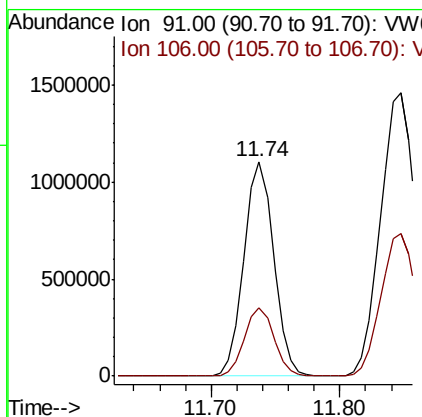
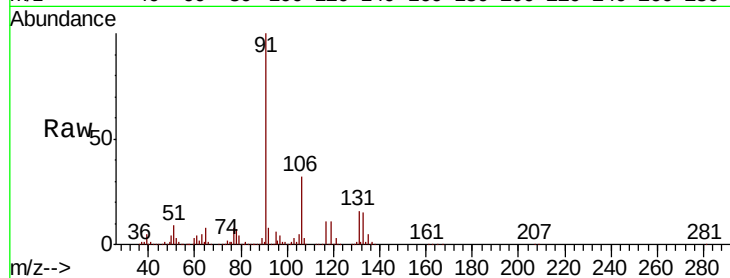
#67
Ethyl Benzene
Concen: 71.47 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 1771052
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

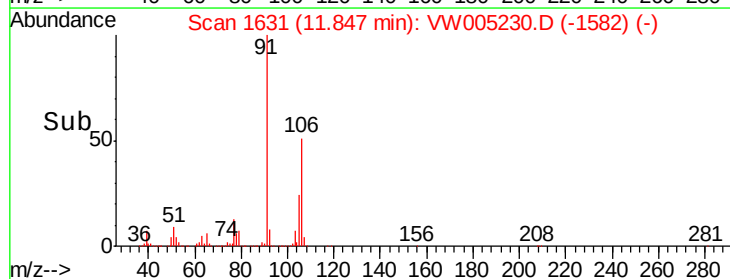
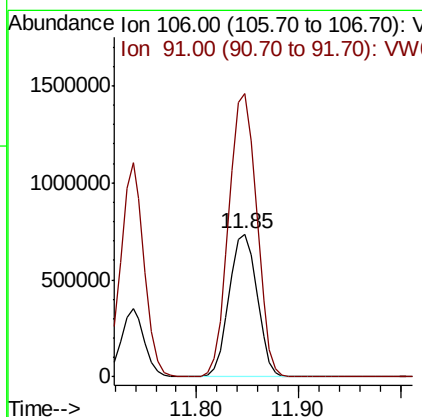
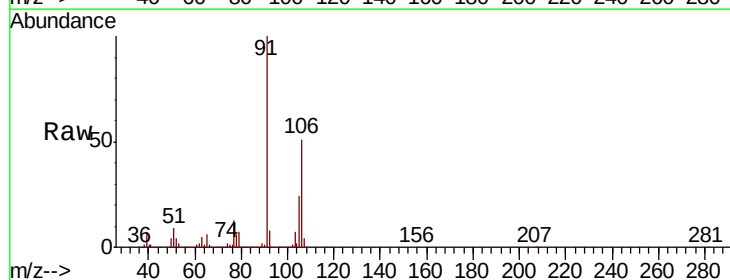
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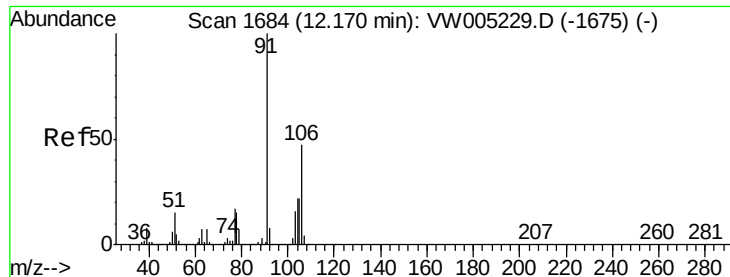
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#68
m/p-Xylenes
Concen: 141.25 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 106 Resp: 1399874
Ion Ratio Lower Upper
106 100
91 198.1 157.4 236.2





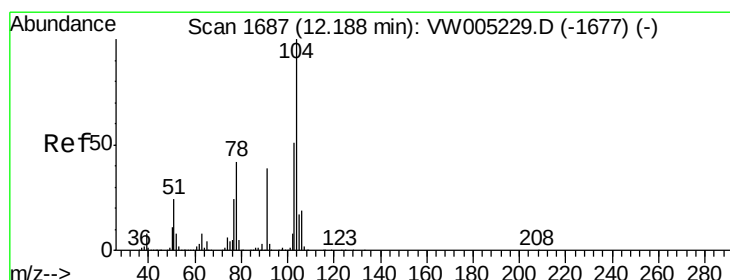
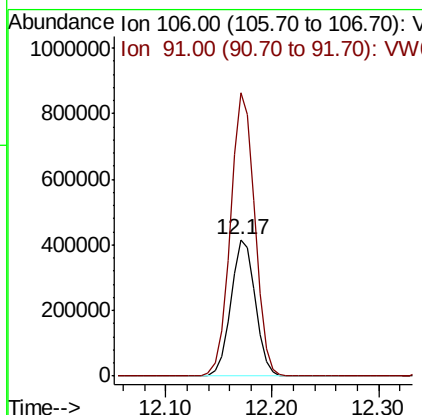
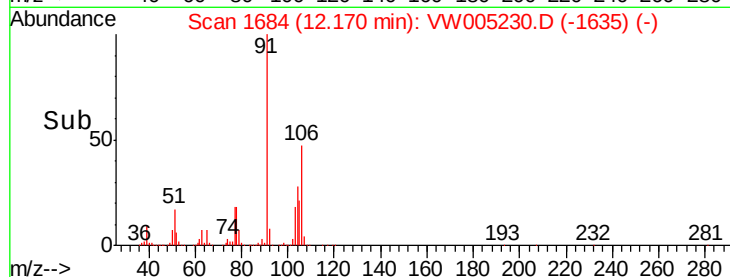
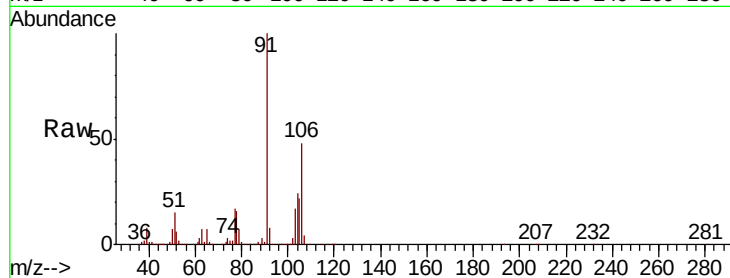
#69
o-Xylene
Concen: 72.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	207.9	104.5	313.3	

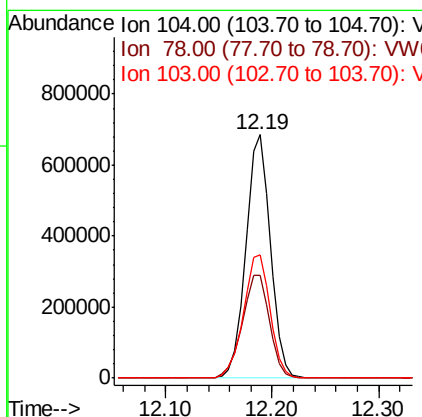
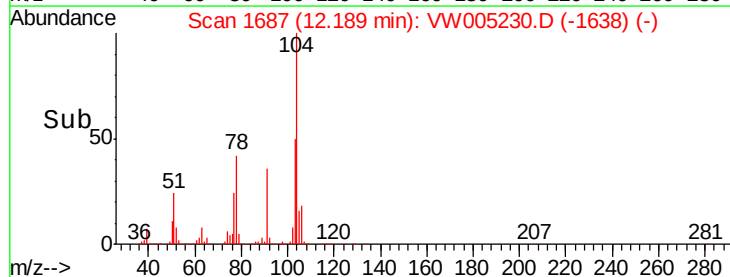
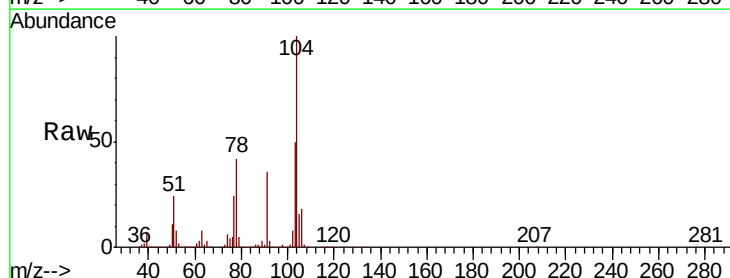
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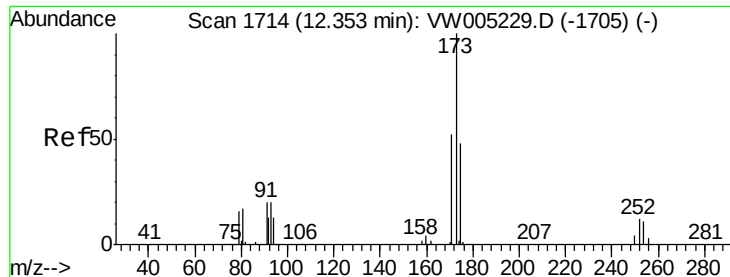
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#70
Styrene
Concen: 73.13 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.2	37.9	56.9	
103	55.0	44.1	66.1	





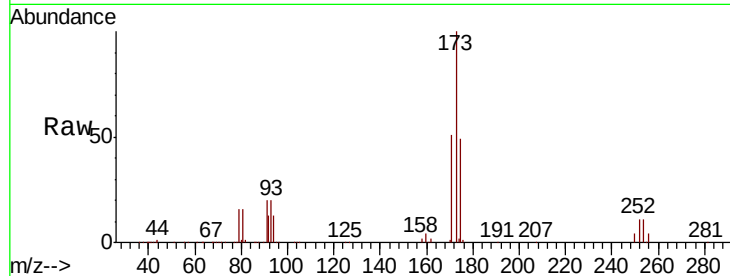
#71
Bromoform
Concen: 74.60 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.0	72.0
254	0.0	0.1	0.1

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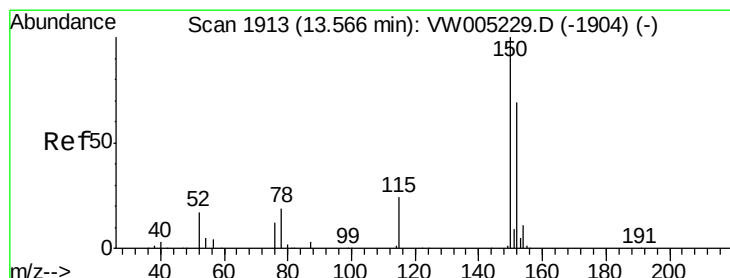
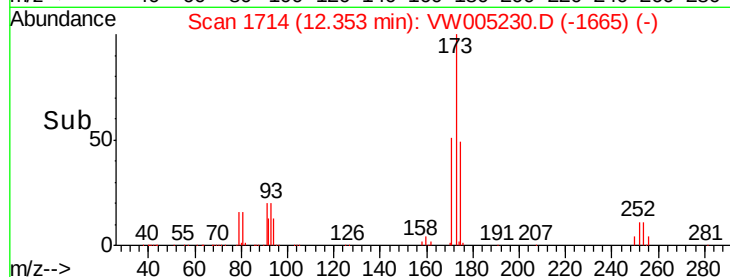
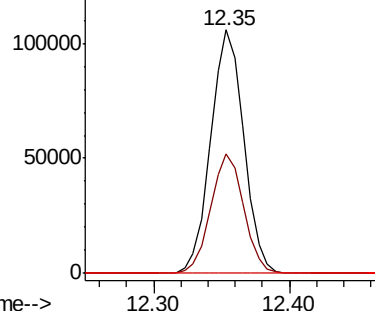


Abundance

Ion 172.70 (172.40 to 173.40): V

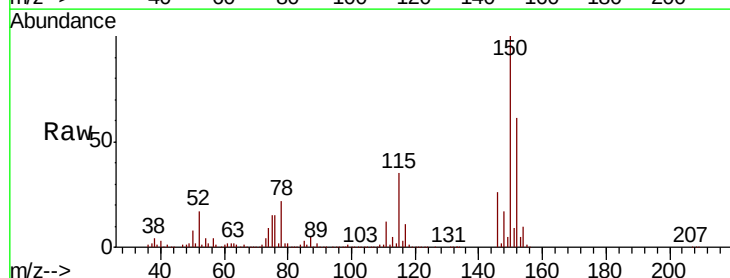
Ion 174.70 (174.40 to 175.40): V

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: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.1	84.3
150	183.3	0.0	351.4

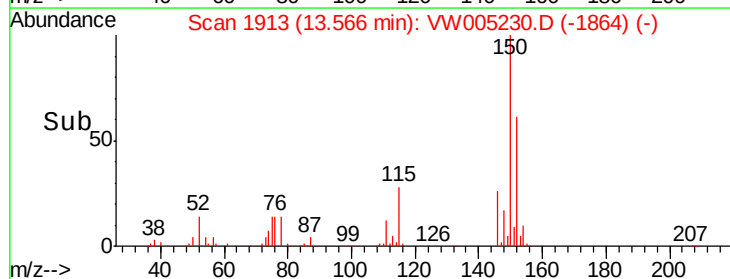
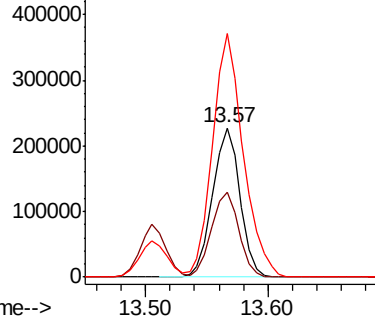


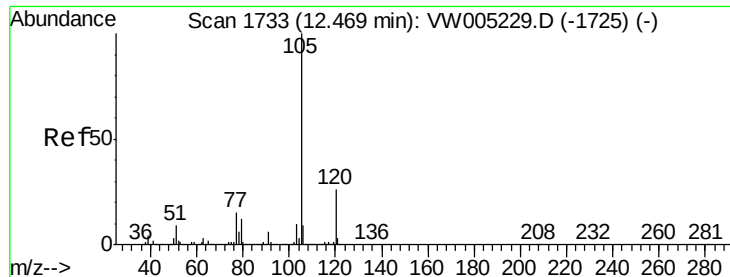
Abundance

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: 73.15 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 1786366

Ion Ratio Lower Upper

105 100

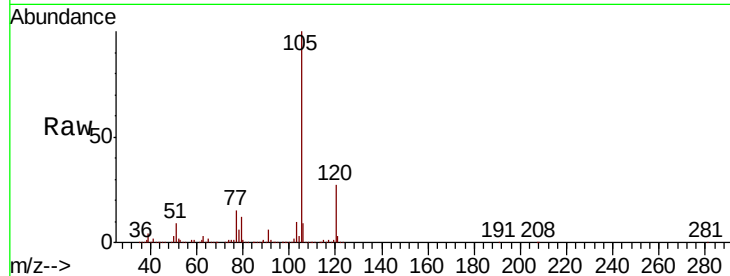
120 26.7 13.4 40.1

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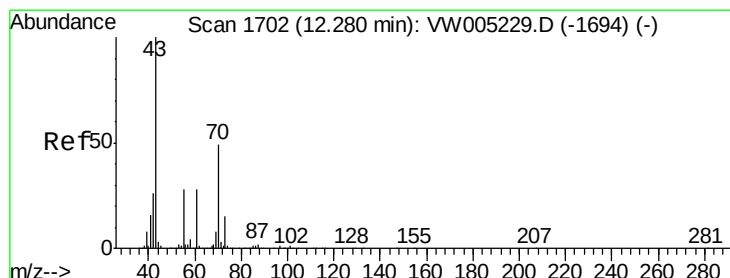
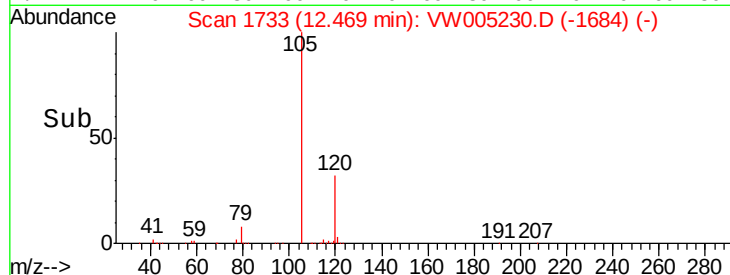
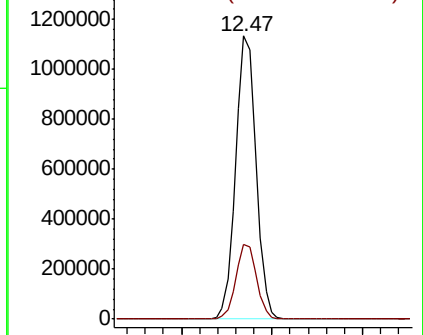
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 91.58 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion: 43 Resp: 397202

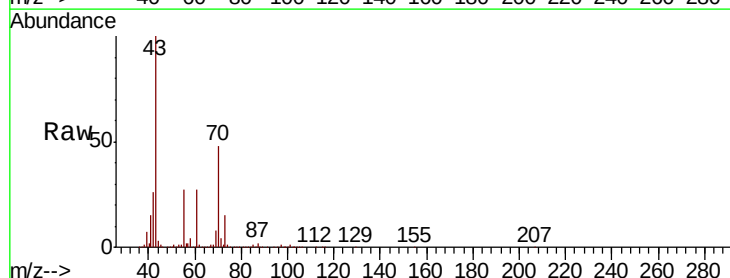
Ion Ratio Lower Upper

43 100

70 46.5 38.3 57.5

55 27.2 22.5 33.7

61 26.2 21.1 31.7

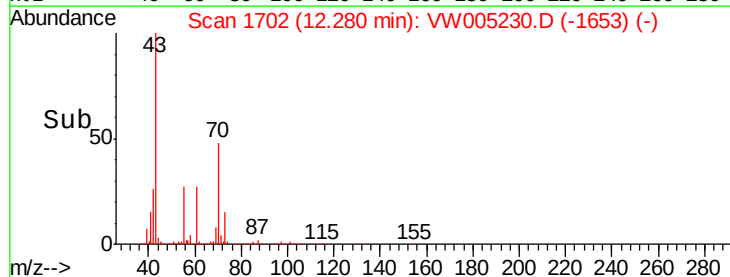
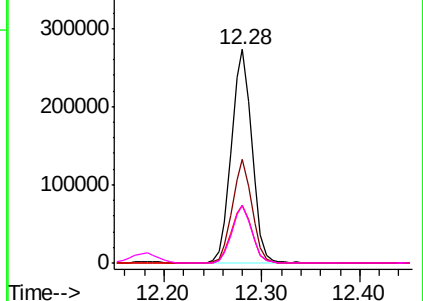


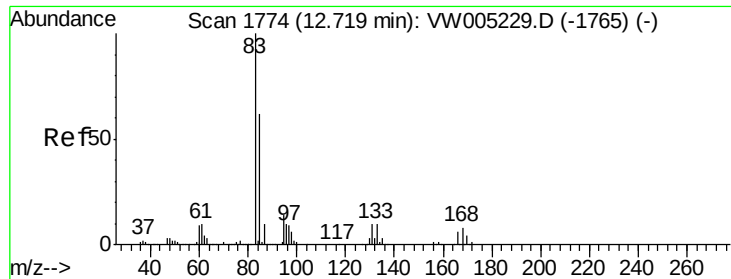
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 78.91 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

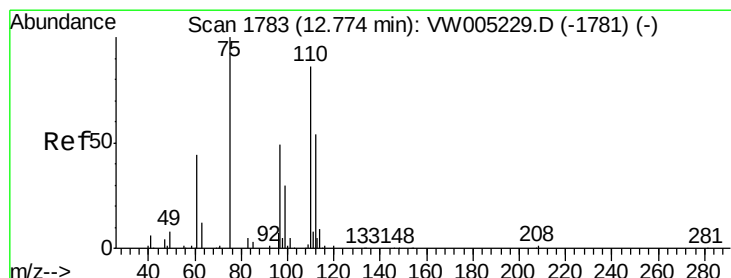
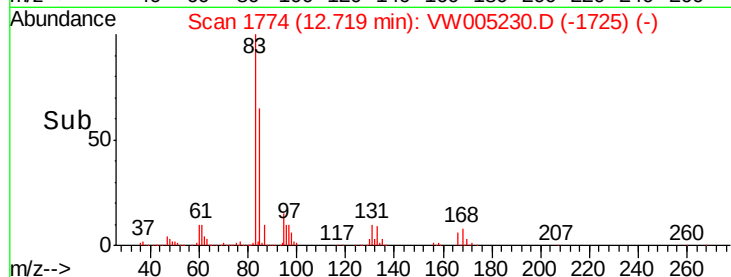
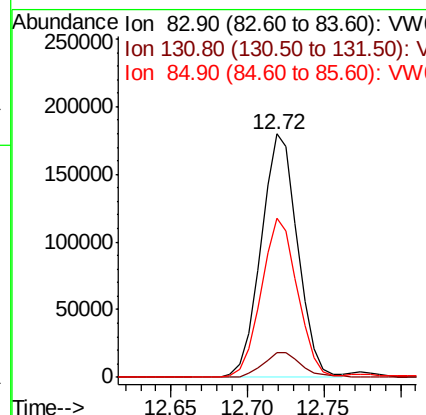
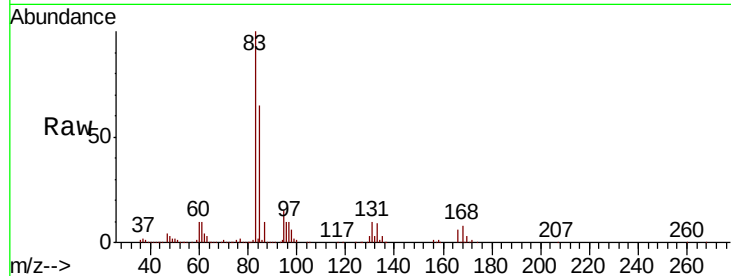
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	299189
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	64.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 76.68 ug/l m

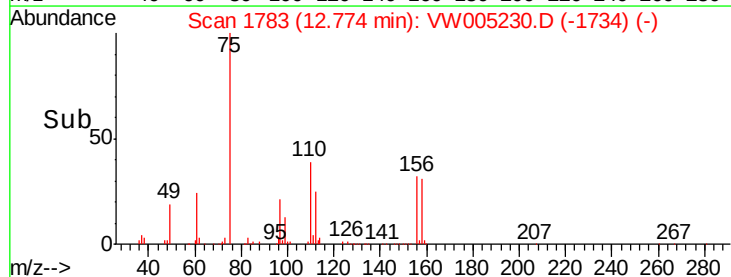
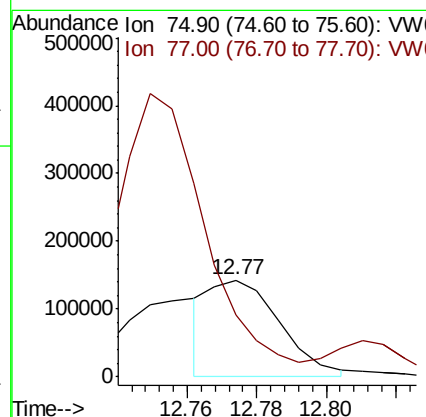
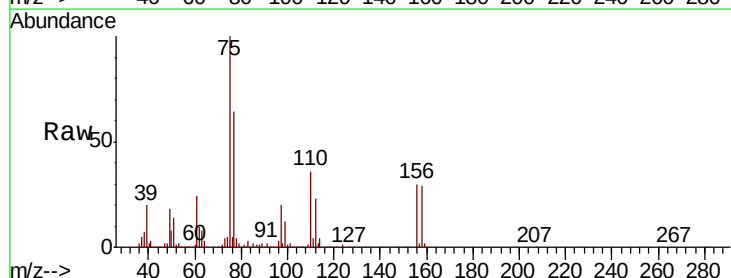
RT: 12.77 min Scan# 1783

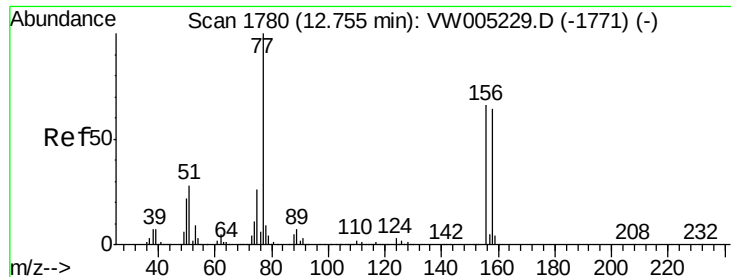
Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion:	75	Resp:	204063
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 70.41 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:156 Resp: 424716

Ion Ratio Lower Upper

156 100

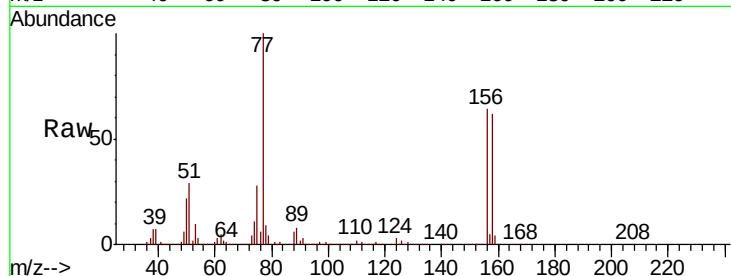
77 178.1 86.4 259.2

158 98.3 48.4 145.0

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apatel

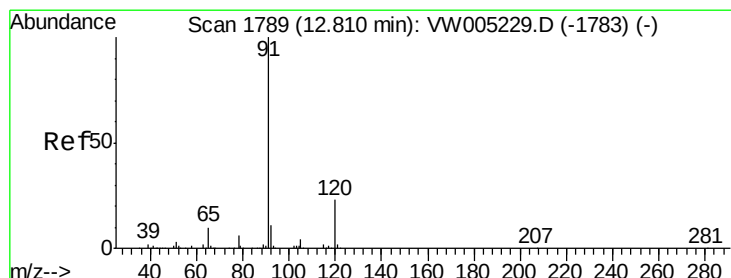
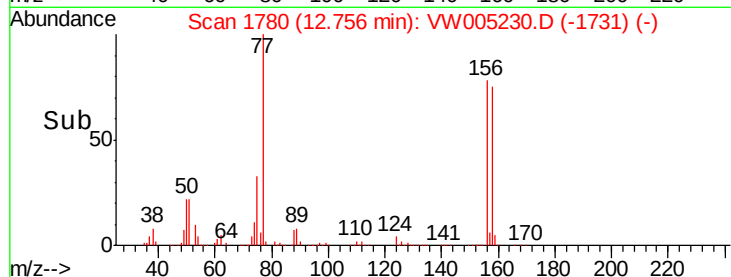
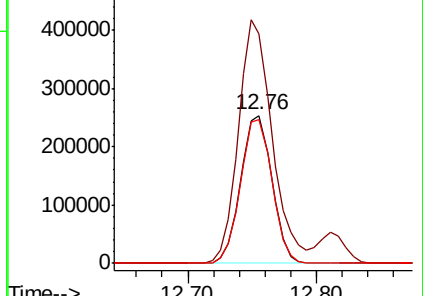
9/10/2018 10:42:17 AM



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: 73.23 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005230.D

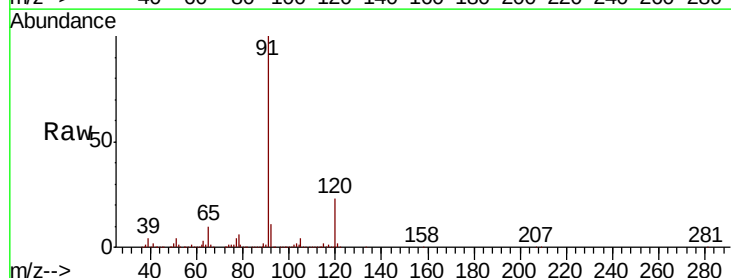
Acq: 08 Sep 2018 01:28

Tgt Ion: 91 Resp: 2153166

Ion Ratio Lower Upper

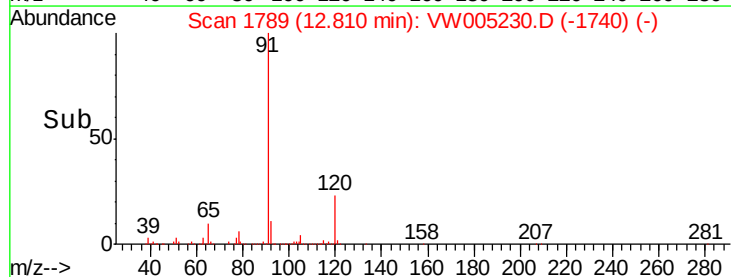
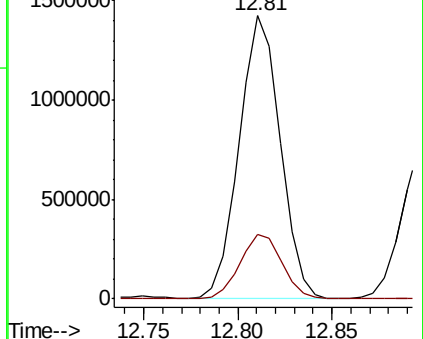
91 100

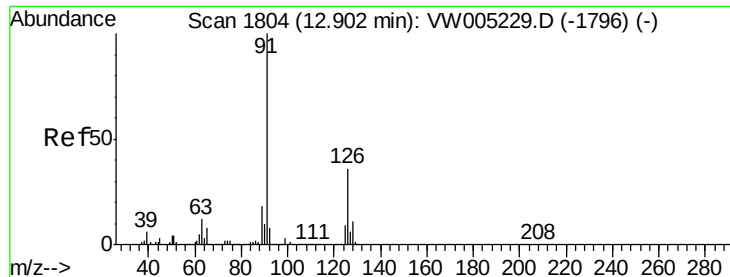
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 70.72 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 1215948

Ion Ratio Lower Upper

91 100

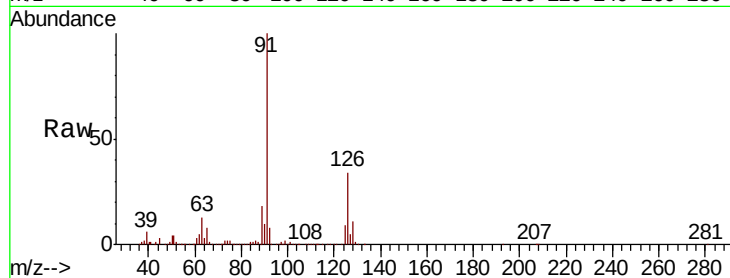
126 34.8 17.3 52.0

Manual Integrations

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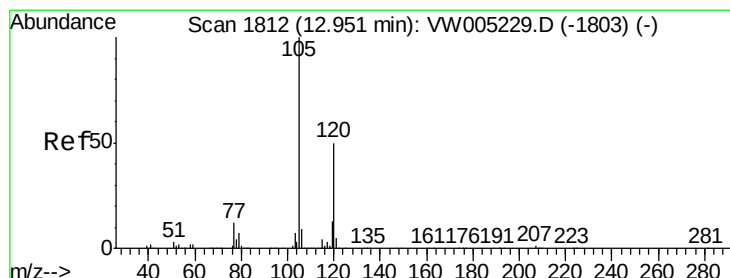
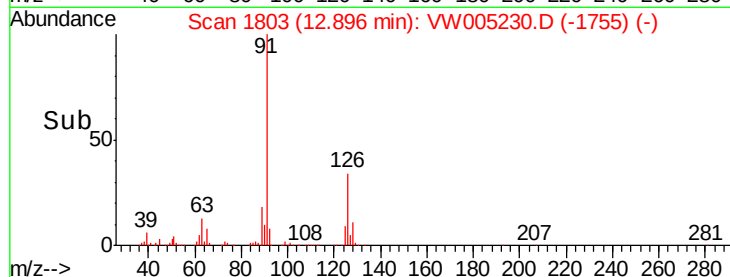
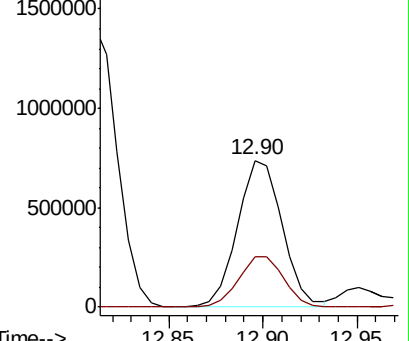
apatel

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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: 72.85 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005230.D

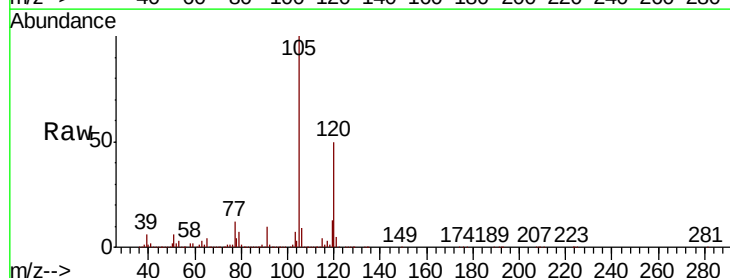
Acq: 08 Sep 2018 01:28

Tgt Ion:105 Resp: 1531127

Ion Ratio Lower Upper

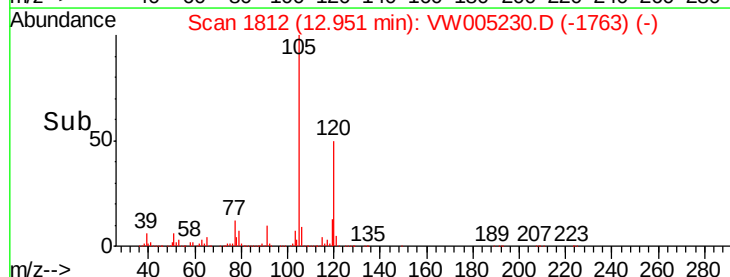
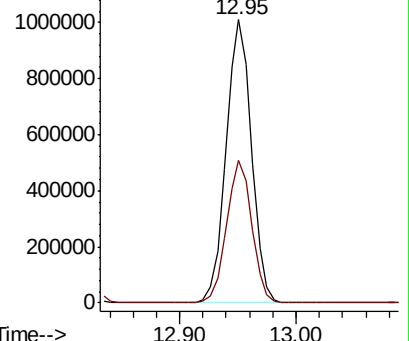
105 100

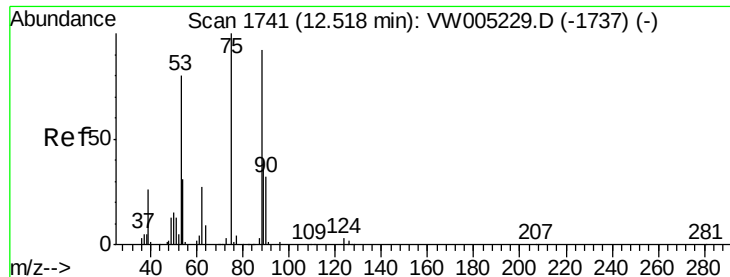
120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





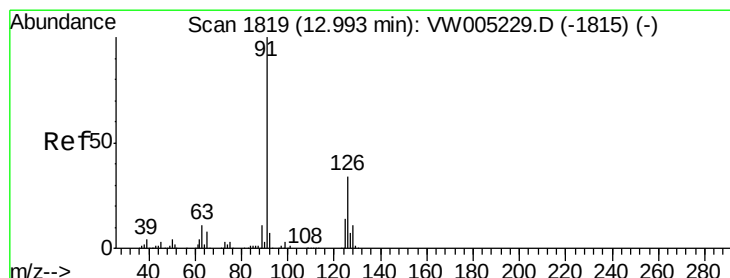
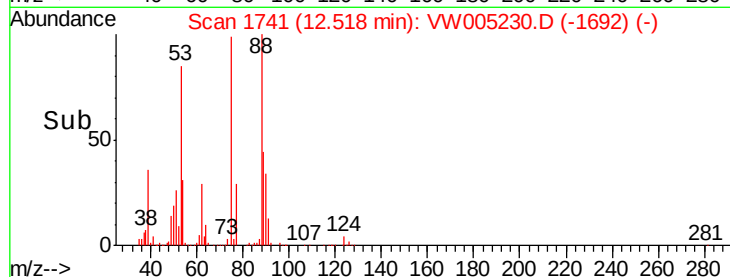
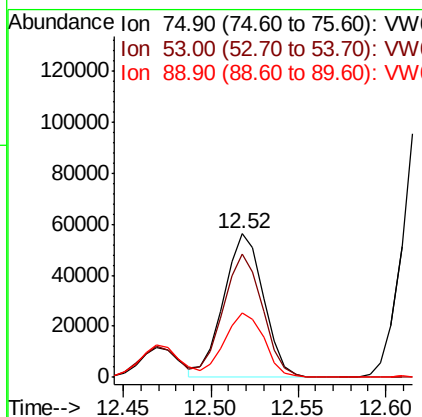
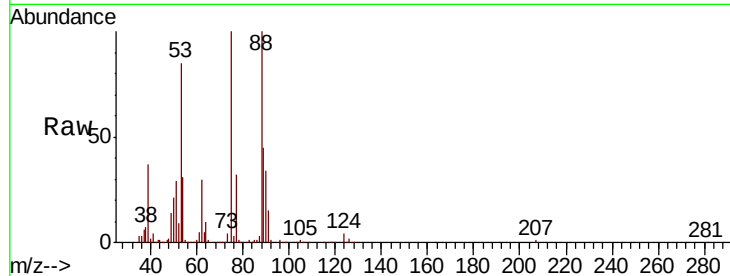
#81
trans-1,4-Dichloro-2-butene
Concen: 80.92 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.1	69.0	103.6
89	44.7	35.8	53.8

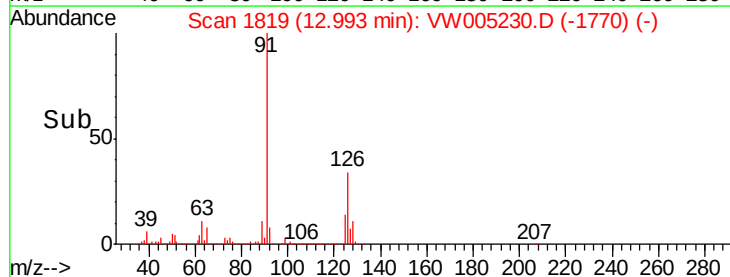
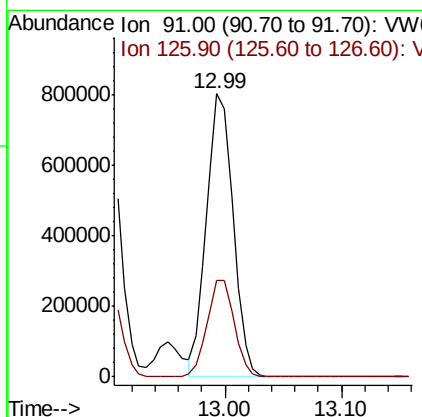
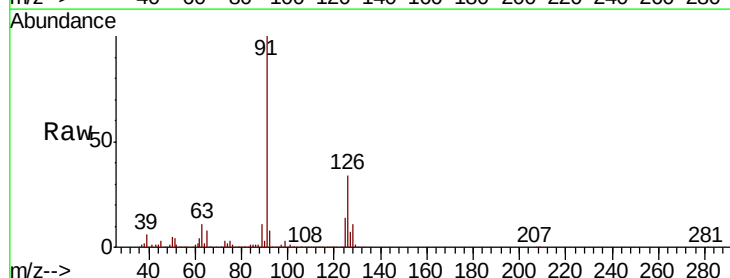
Manual Integrations
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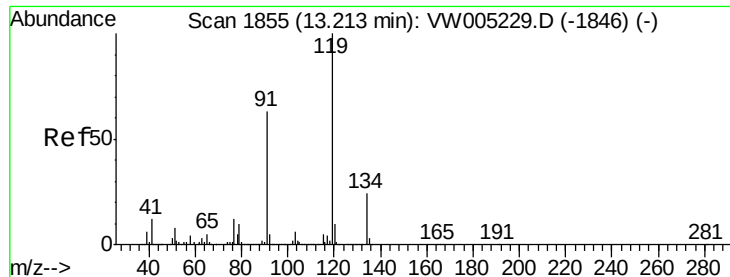
apatel
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#82
4-Chlorotoluene
Concen: 69.82 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	52.0





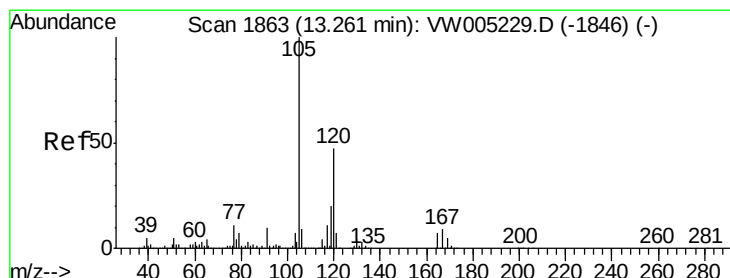
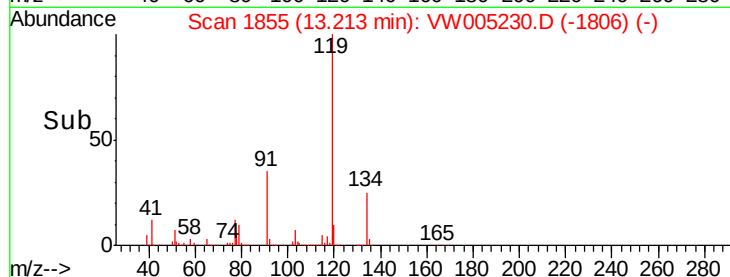
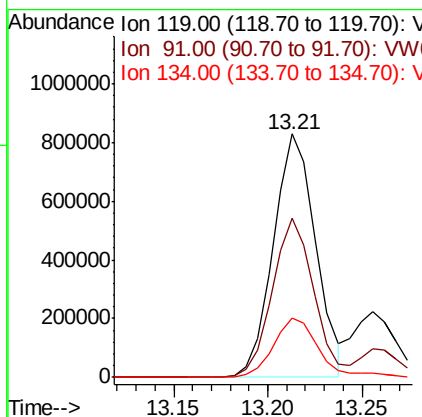
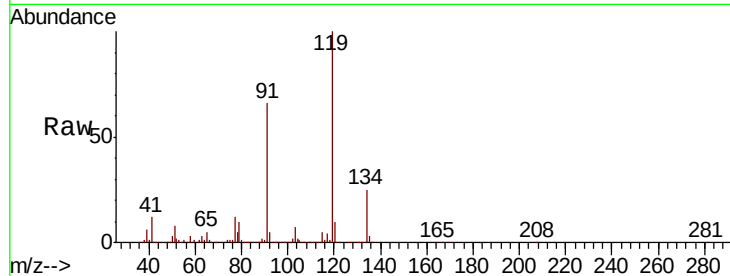
#83
 tert-Butylbenzene
 Concen: 72.80 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion:119 Resp: 1289420
 Ion Ratio Lower Upper
 119 100
 91 64.5 30.8 92.3
 134 26.2 12.7 38.0

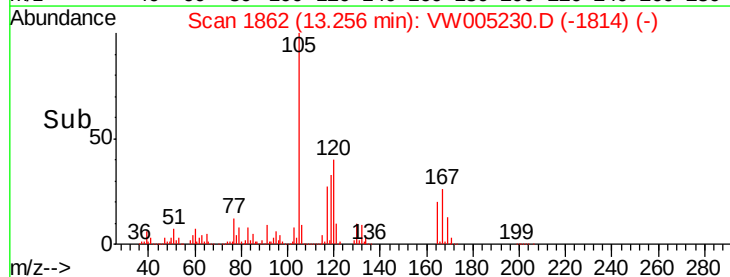
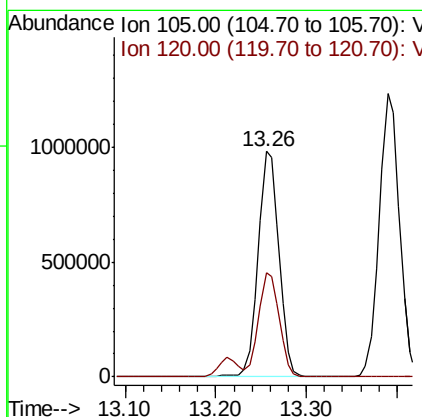
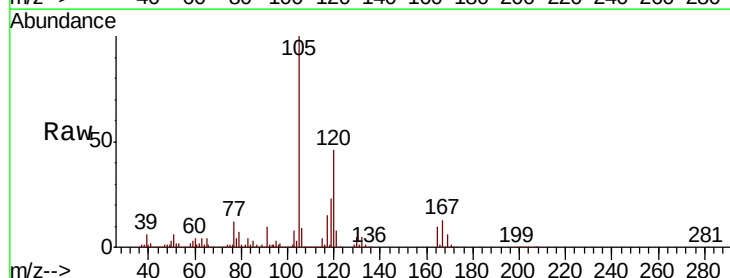
Manual Integrations
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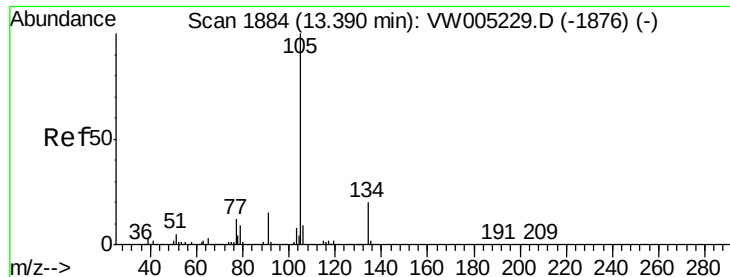
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 72.74 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion:105 Resp: 1557037
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.6





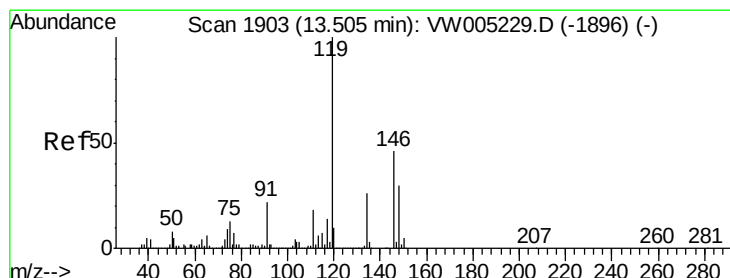
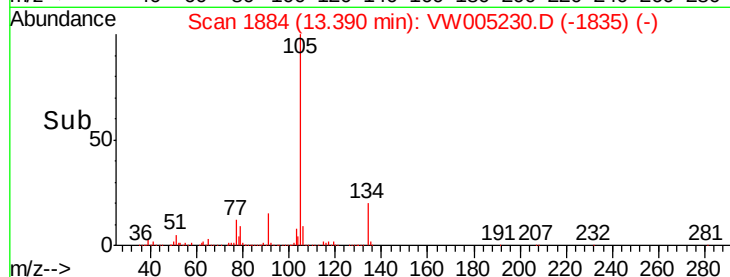
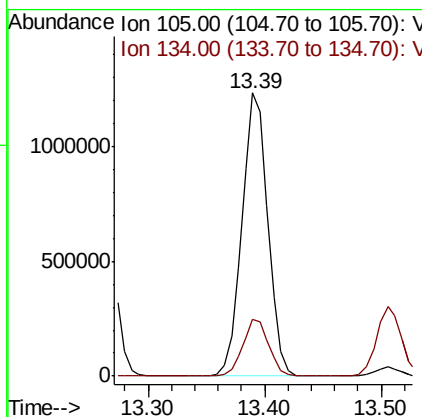
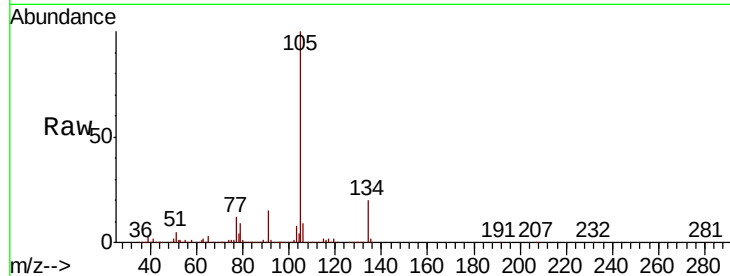
#85
 sec-Butylbenzene
 Concen: 73.62 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.3

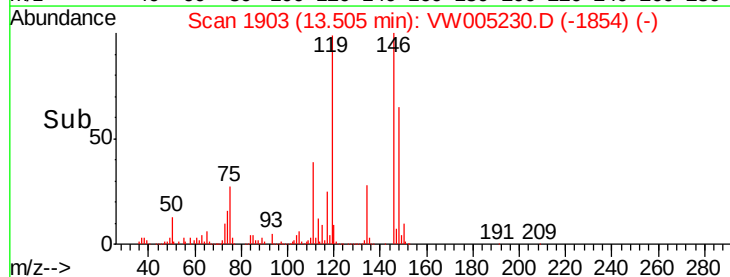
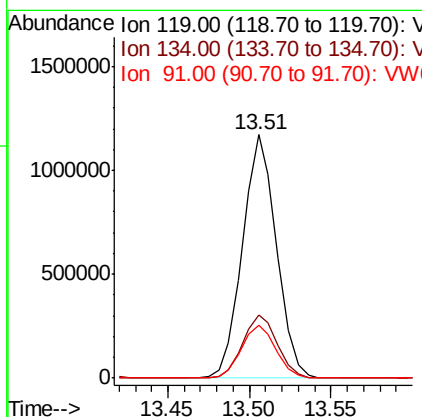
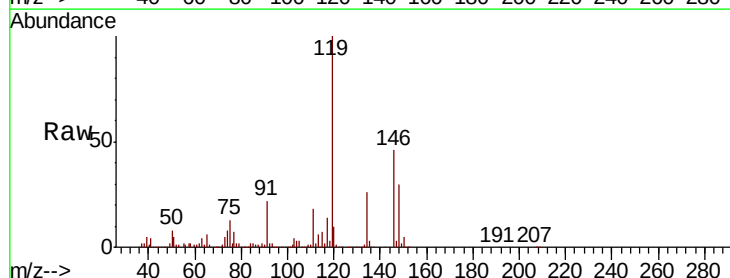
Manual Integrations
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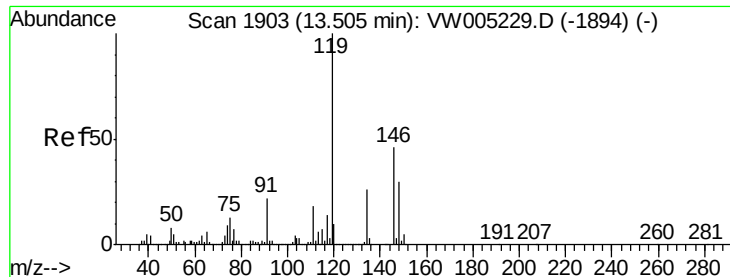
apatel
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#86
 p-Isopropyltoluene
 Concen: 73.92 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	22.1	10.9	32.7





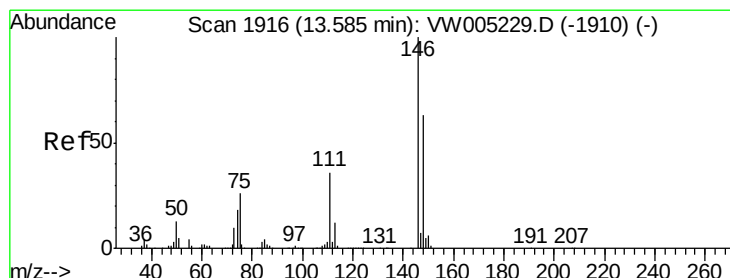
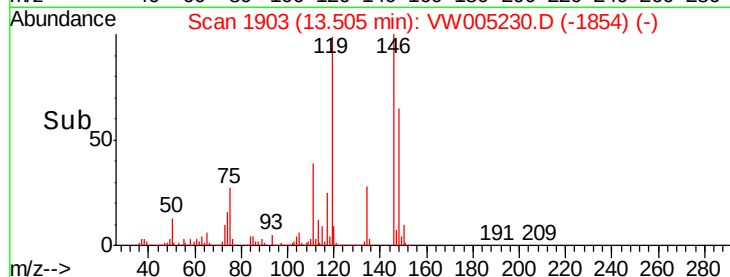
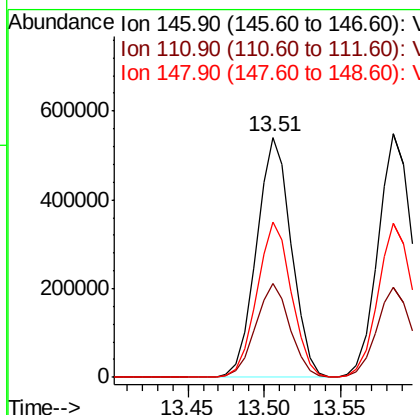
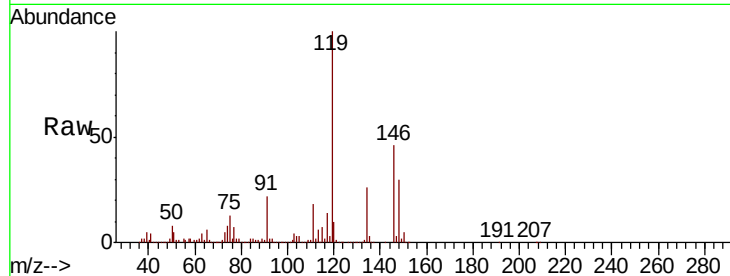
#87
 1,3-Dichlorobenzene
 Concen: 69.22 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.0	96.2

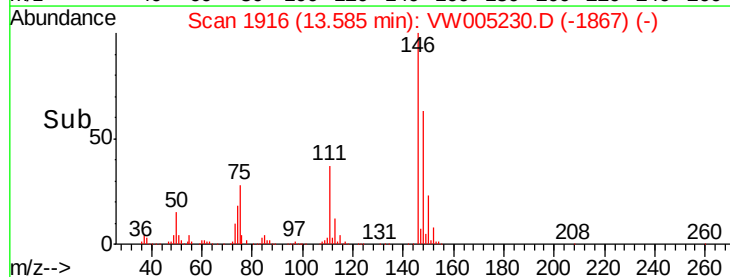
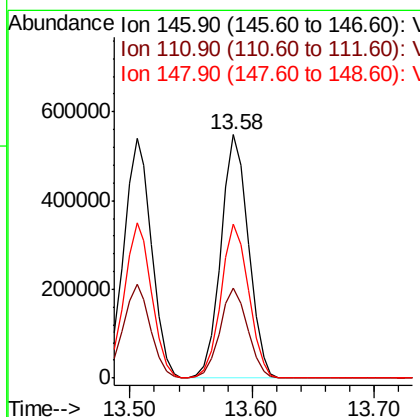
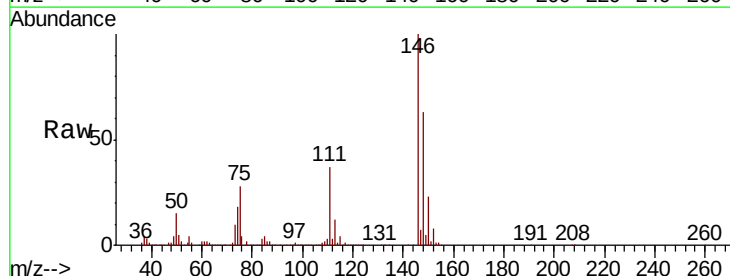
Manual Integrations
 APPROVED

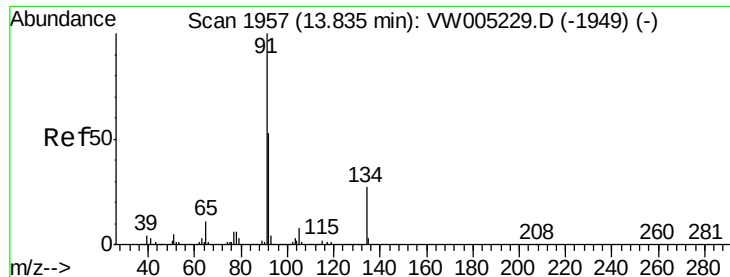
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 69.36 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.7	32.0	96.0





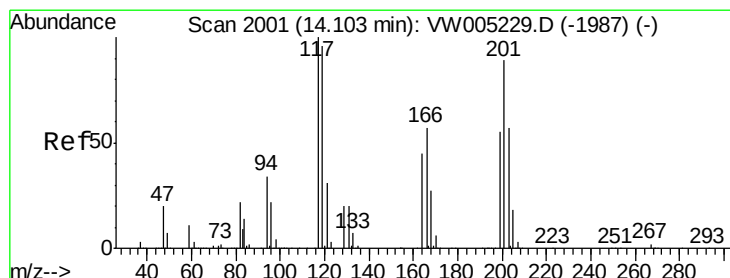
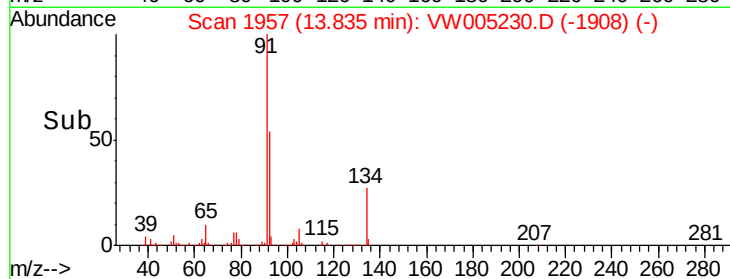
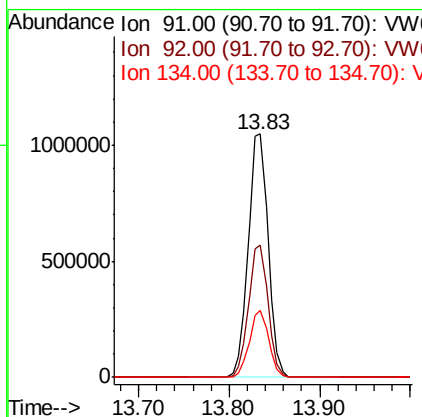
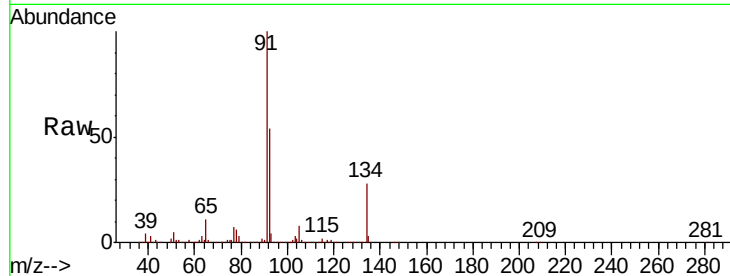
#89
n-Butylbenzene
Concen: 75.17 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.0
134	26.8	13.5	40.4

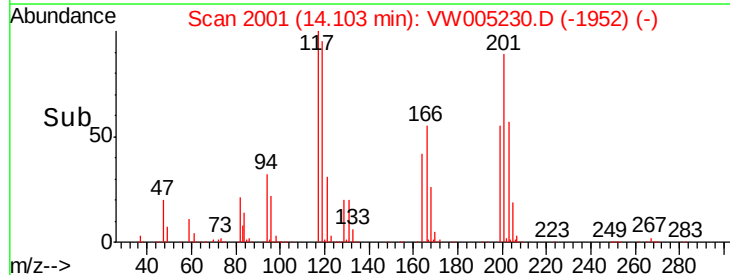
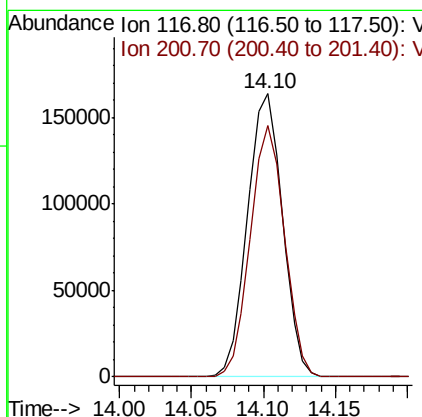
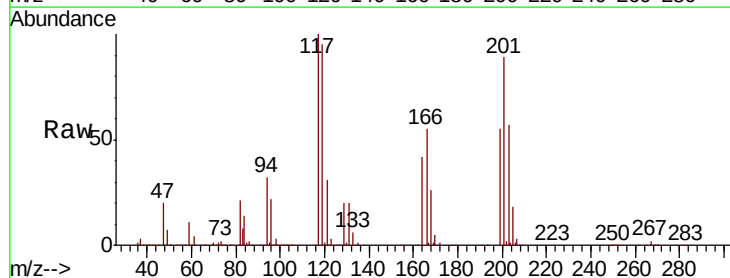
Manual Integrations
APPROVED

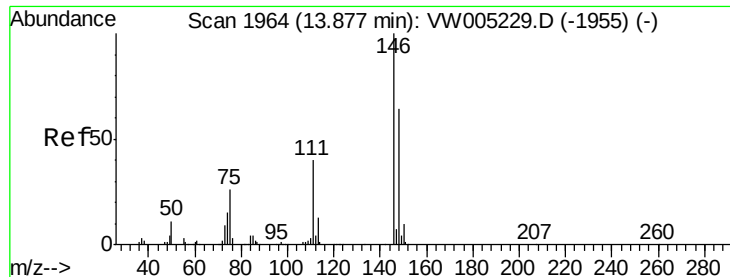
apatel
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#90
Hexachloroethane
Concen: 72.03 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	44.8	134.4





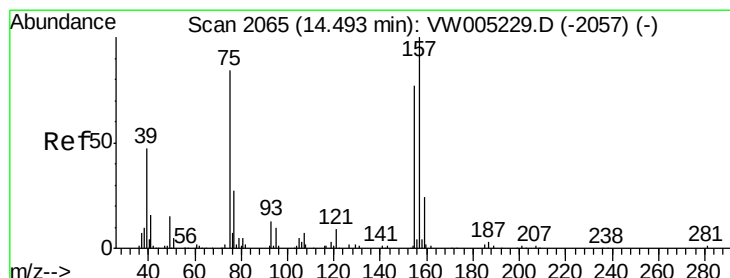
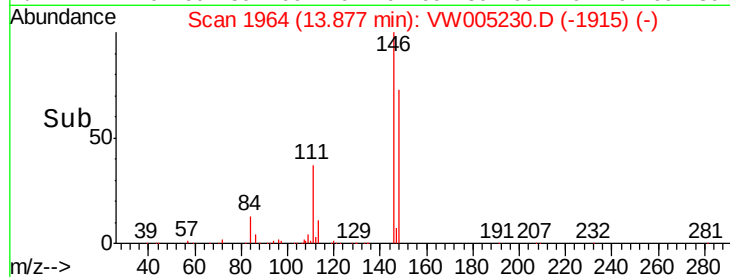
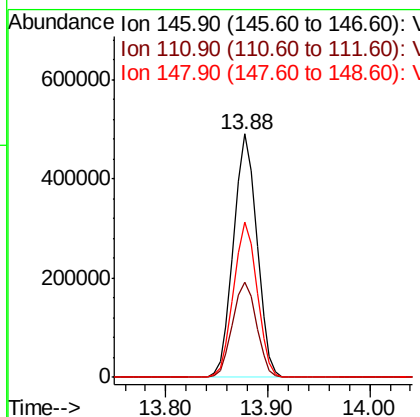
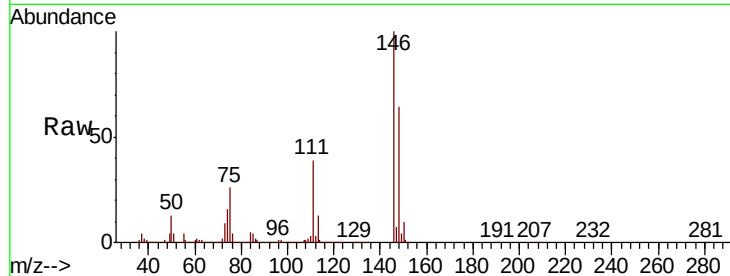
#91
 1,2-Dichlorobenzene
 Concen: 71.86 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	146	Resp:	777659
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.0	60.0
148	64.1	32.0	96.2

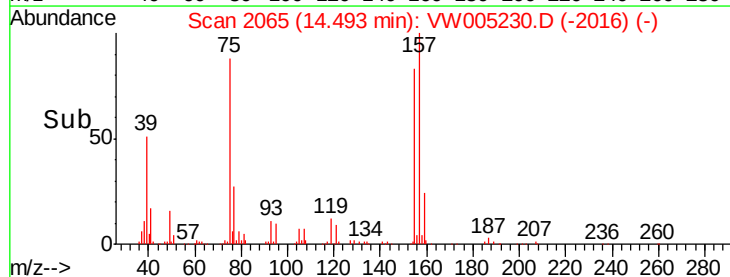
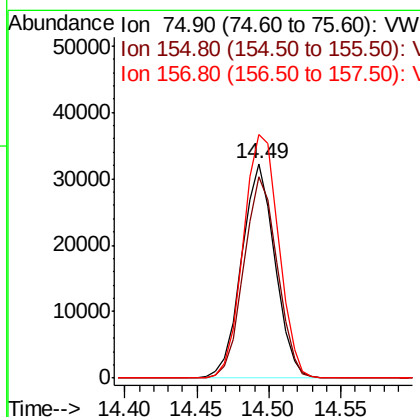
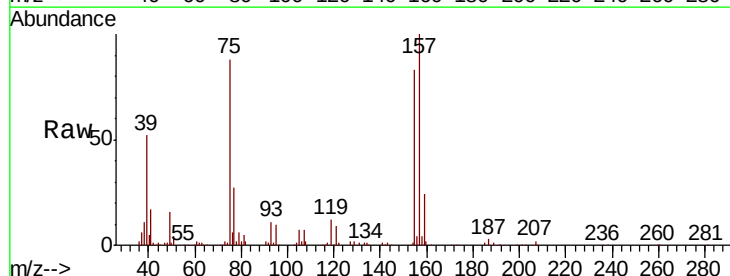
Manual Integrations
 APPROVED

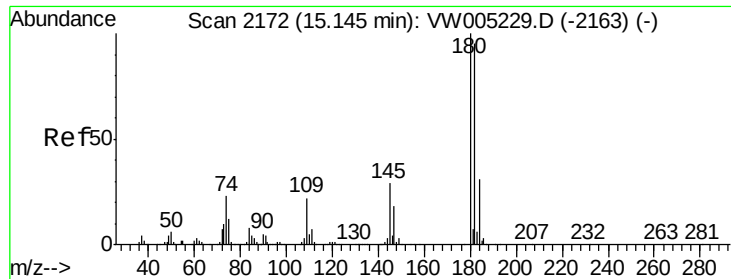
apatel
 9/10/2018 10:42:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.34 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion:	75	Resp:	51808
Ion Ratio	Lower	Upper	
75	100		
155	93.7	45.6	136.9
157	120.0	59.6	178.7





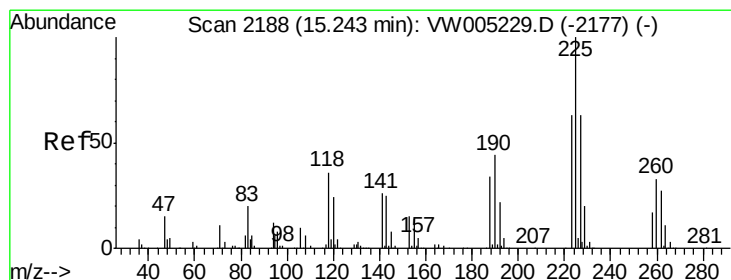
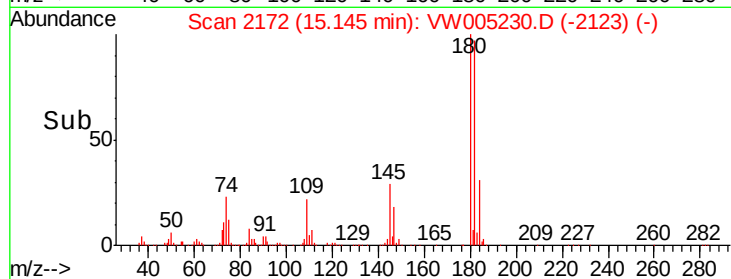
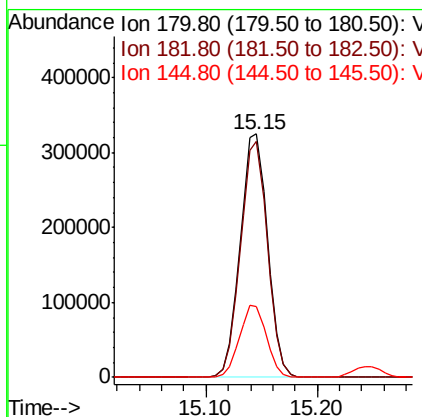
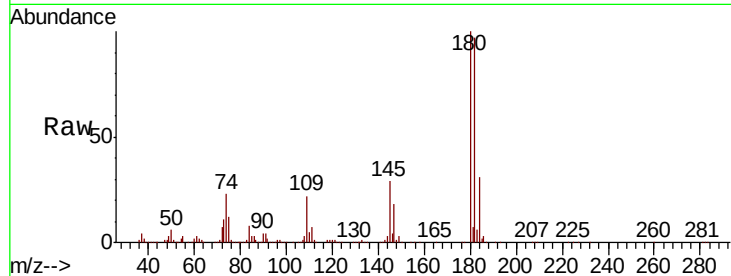
#93
 1,2,4-Trichlorobenzene
 Concen: 76.55 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	553184		
182	95.5	47.9	143.8	
145	29.2	14.5	43.6	

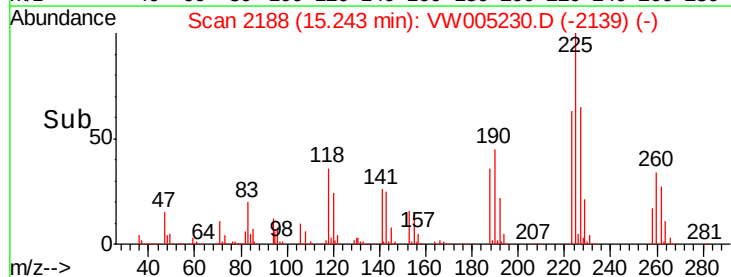
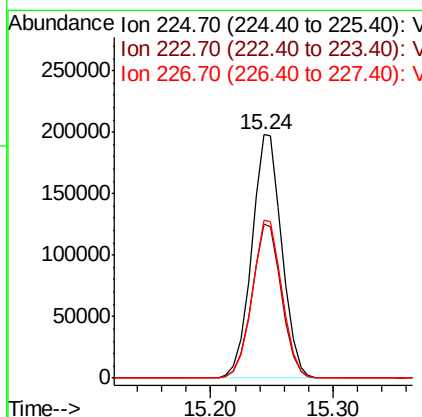
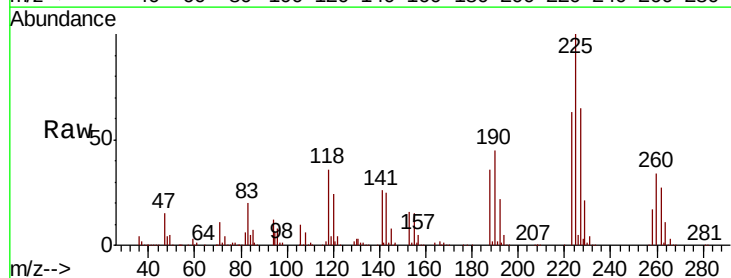
Manual Integrations
 APPROVED

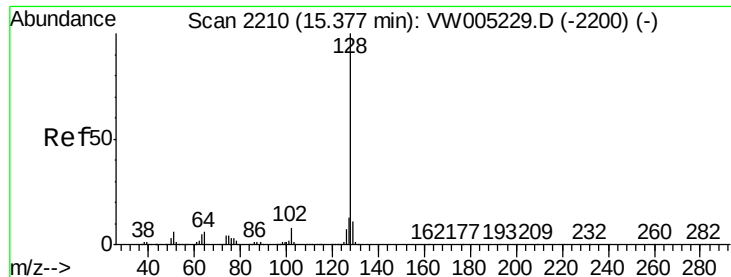
apatel
 9/10/2018 10:42:17 AM



#94
 Hexachlorobutadiene
 Concen: 74.40 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	336429		
223	62.7	31.4	94.2	
227	64.3	31.9	95.9	





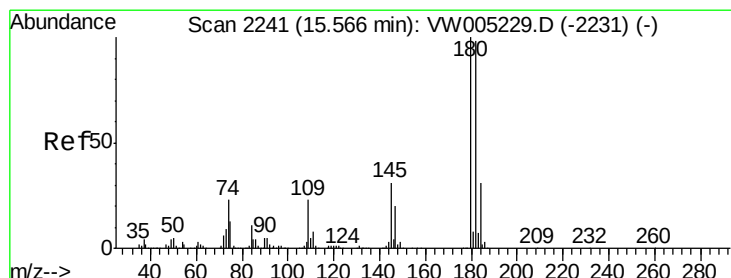
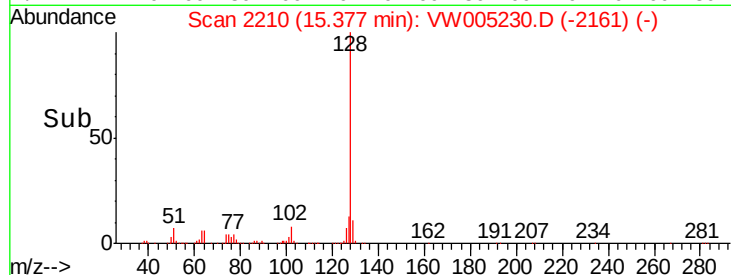
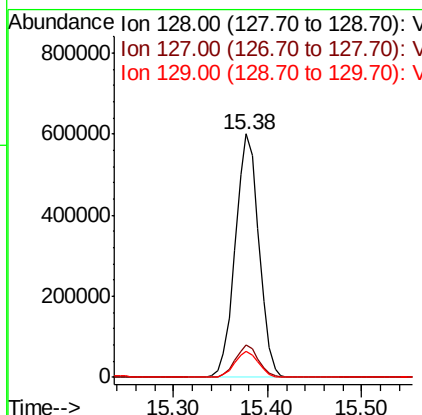
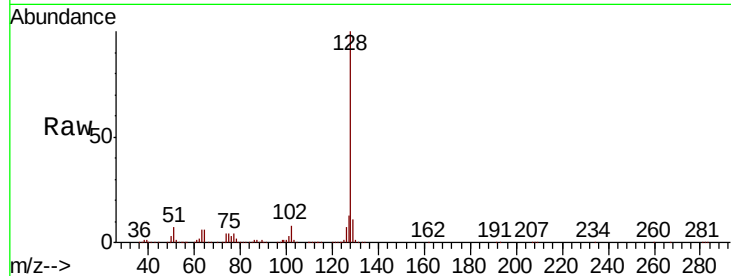
#95
Naphthalene
Concen: 90.81 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
APPROVED

apatel
9/10/2018 10:42:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 78.98 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.9
145	30.7	15.3	45.9

