

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005342.D
 Acq On : 12 Sep 2018 22:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 9/13/2018 11:11:42 AM

Quant Time: Sep 13 01:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	393230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	552382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	548309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	304537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153603	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.89	113	156490	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.33	98	778761	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	288357	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	153852	45.36	ug/l	99
3) Chloromethane	2.21	50	213198	47.01	ug/l	99
4) Vinyl Chloride	2.35	62	197401	47.41	ug/l	98
5) Bromomethane	2.75	94	139635	55.63	ug/l	96
6) Chloroethane	2.91	64	113980	49.70	ug/l	99
7) Trichlorofluoromethane	3.25	101	225235	47.82	ug/l	97
8) Diethyl Ether	3.68	74	83654	49.84	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158711	47.18	ug/l	100
10) Methyl Iodide	4.27	142	185658	44.77	ug/l	100
11) Tert butyl alcohol	5.17	59	69037	287.03	ug/l	99
12) 1,1-Dichloroethene	4.04	96	146546	47.31	ug/l	95
13) Acrolein	3.90	56	54730	235.56	ug/l	100
14) Allyl chloride	4.67	41	221146	46.46	ug/l	98
15) Acrylonitrile	5.37	53	220576	291.28	ug/l	98
16) Acetone	4.13	43	158293	290.76	ug/l	96
17) Carbon Disulfide	4.38	76	555337	51.08	ug/l	99
18) Methyl Acetate	4.68	43	92575	56.97	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	399007	54.08	ug/l	98
20) Methylene Chloride	4.92	84	223128	55.51	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	174735	48.31	ug/l	95
22) Diisopropyl ether	6.32	45	495776	51.74	ug/l	97
23) Vinyl Acetate	6.26	43	1388190	259.97	ug/l	99
24) 1,1-Dichloroethane	6.22	63	289263	49.04	ug/l	98
25) 2-Butanone	7.18	43	245210	285.55	ug/l	99
26) 2,2-Dichloropropane	7.17	77	229836	44.94	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	194949	50.37	ug/l	98
28) Bromochloromethane	7.52	49	113306	52.07	ug/l #	97
29) Tetrahydrofuran	7.54	42	162009	279.96	ug/l	97
30) Chloroform	7.68	83	294836	49.81	ug/l	97
31) Cyclohexane	7.96	56	295468	47.08	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	267405	50.01	ug/l	100
36) 1,1-Dichloropropene	8.09	75	254547	50.30	ug/l	100
37) Ethyl Acetate	7.26	43	106186	55.16	ug/l	99
38) Carbon Tetrachloride	8.07	117	237635	50.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	332608	49.50	ug/l	97
40) Benzene	8.33	78	790359	53.01	ug/l	99
41) Methacrylonitrile	7.49	41	68011	68.87	ug/l	90
42) 1,2-Dichloroethane	8.40	62	186349	52.24	ug/l	99
43) Isopropyl Acetate	8.43	43	205607	57.52	ug/l	99
44) Trichloroethene	9.10	130	210053	51.35	ug/l	99
45) 1,2-Dichloropropane	9.37	63	186156	51.95	ug/l	98
46) Dibromomethane	9.46	93	91995	52.44	ug/l	99
47) Bromodichloromethane	9.65	83	221826	51.69	ug/l	97
48) Methyl methacrylate	9.44	41	101612	54.75	ug/l	90
49) 1,4-Dioxane	9.45	88	41745	1274.61	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	605281	300.90	ug/l	99
52) Toluene	10.40	92	562159	51.88	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	241955	52.17	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	285515	51.41	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	151691	54.23	ug/l	98
56) Ethyl methacrylate	10.65	69	211936	59.77	ug/l	97
57) 1,3-Dichloropropane	10.94	76	251333	54.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	452280	293.46	ug/l	99
59) 2-Hexanone	10.98	43	441197	304.23	ug/l	100
60) Dibromochloromethane	11.13	129	172811	55.68	ug/l	100
61) 1,2-Dibromoethane	11.24	107	143305	55.87	ug/l	100
64) Tetrachloroethene	10.87	164	233810	57.48	ug/l	98
65) Chlorobenzene	11.66	112	635274	52.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	191565	53.41	ug/l	100
67) Ethyl Benzene	11.74	91	1093239	52.26	ug/l	100
68) m/p-Xylenes	11.85	106	882007	104.64	ug/l	98
69) o-Xylene	12.17	106	416900	53.16	ug/l	99
70) Styrene	12.19	104	700057	54.71	ug/l	100
71) Bromoform	12.35	173	115433	59.36	ug/l #	98
73) Isopropylbenzene	12.47	105	1113508	51.75	ug/l	99
74) N-amyl acetate	12.28	43	237532	58.02	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	184634	57.10	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	124243m	53.04	ug/l	
77) Bromobenzene	12.76	156	273002	53.86	ug/l	99
78) n-propylbenzene	12.81	91	1325793	51.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	764694	51.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	959826	52.39	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54551	54.62	ug/l	99
82) 4-Chlorotoluene	12.99	91	807878	51.86	ug/l	100
83) tert-Butylbenzene	13.21	119	825559	51.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	978963	53.17	ug/l	99
85) sec-Butylbenzene	13.39	105	1196268	51.94	ug/l	99
86) p-Isopropyltoluene	13.51	119	1064124	52.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	554633	52.11	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	551519	52.75	ug/l	99
89) n-Butylbenzene	13.83	91	992552	51.79	ug/l	99
90) Hexachloroethane	14.10	117	171018	52.36	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	508347	54.34	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32984	61.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	358763	54.21	ug/l	99
94) Hexachlorobutadiene	15.24	225	225610	53.24	ug/l	99
95) Naphthalene	15.38	128	665507	62.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	323038	56.73	ug/l	99

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

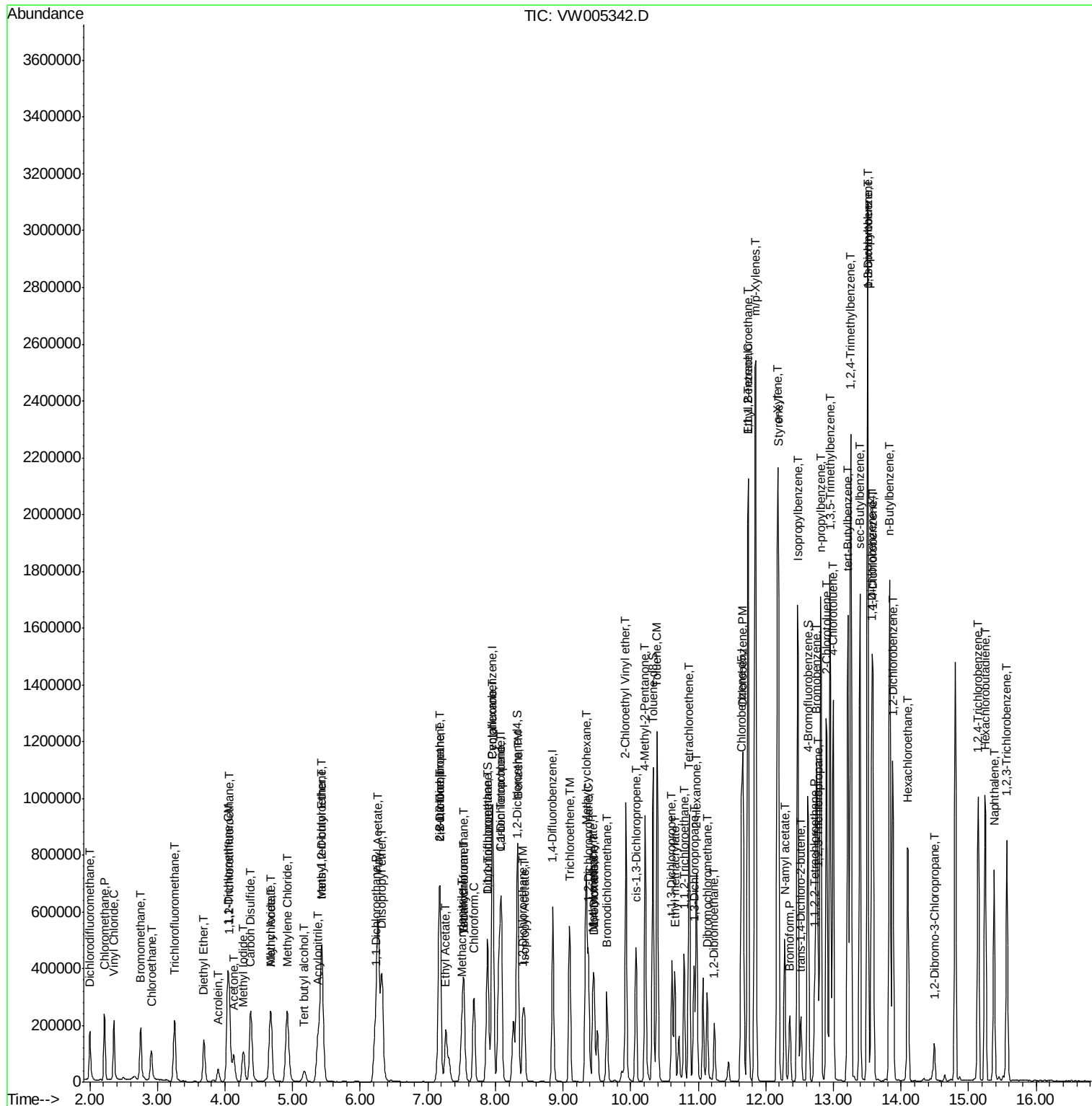
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
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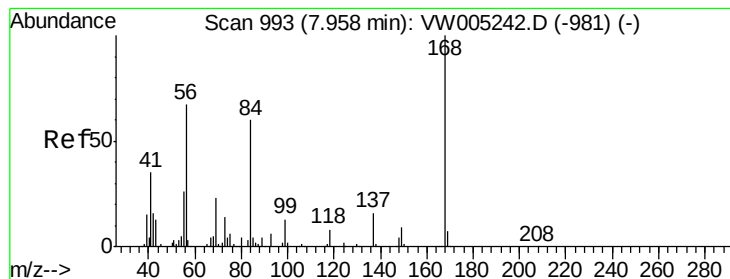
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 393230

Ion Ratio Lower Upper

168 100

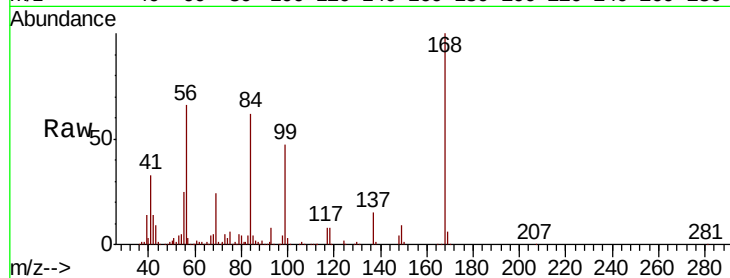
99 47.4 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

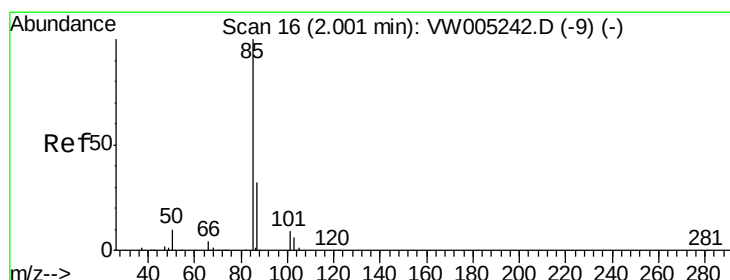
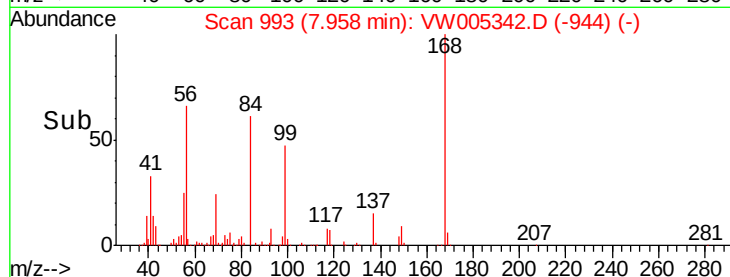
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50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 45.36 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005342.D

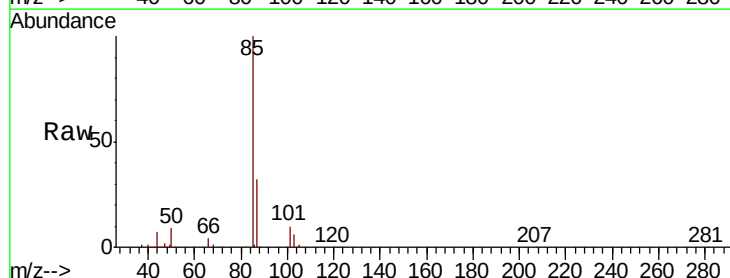
Acq: 12 Sep 2018 22:47

Tgt Ion: 85 Resp: 153852

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

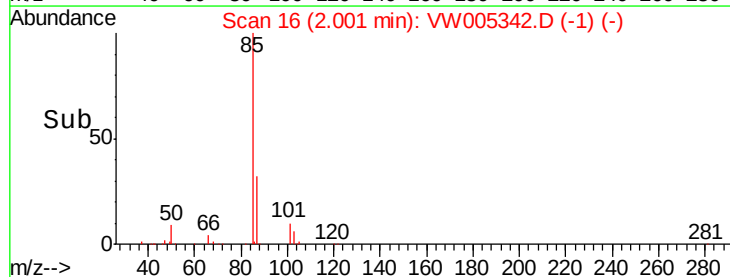
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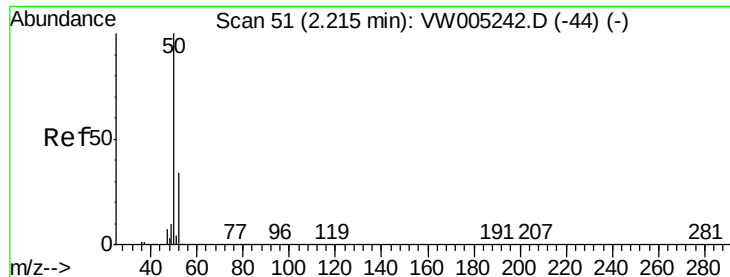
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.01 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 213198

Ion Ratio Lower Upper

50 100

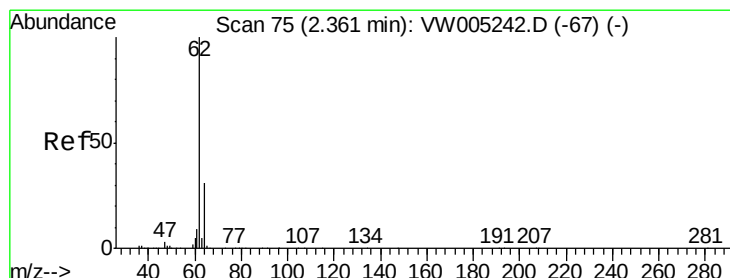
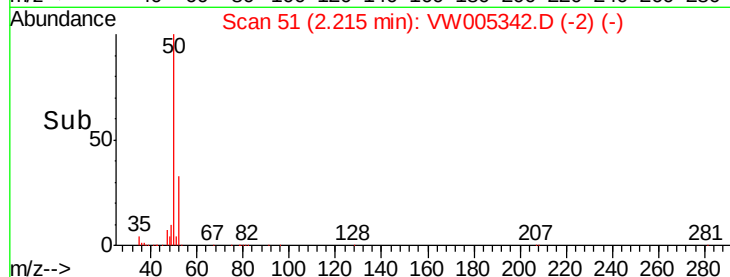
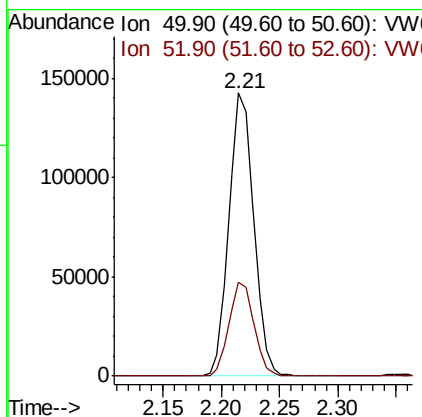
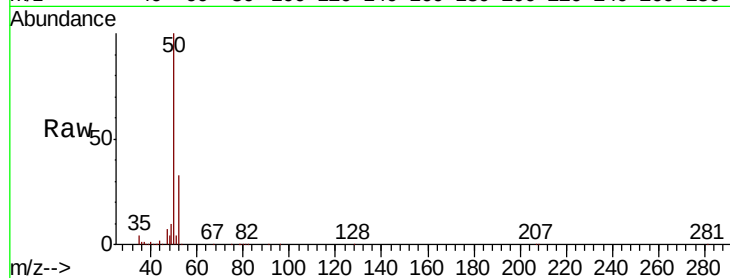
52 33.0 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.41 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005342.D

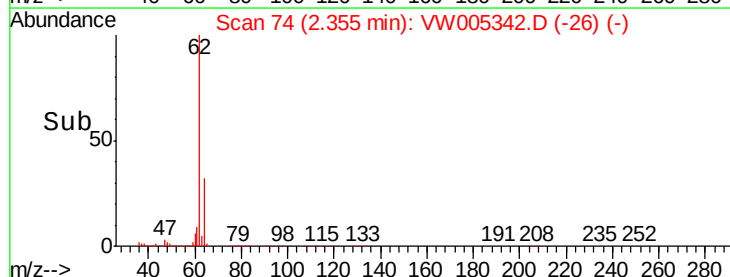
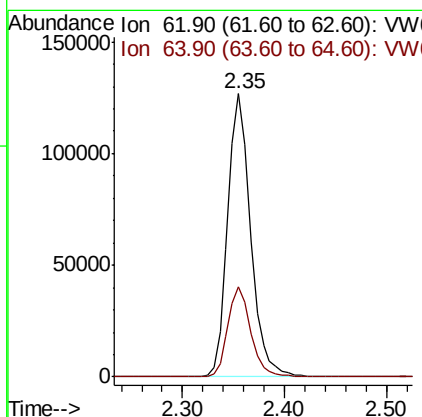
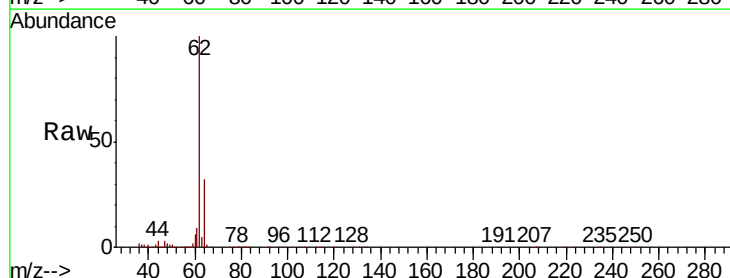
Acq: 12 Sep 2018 22:47

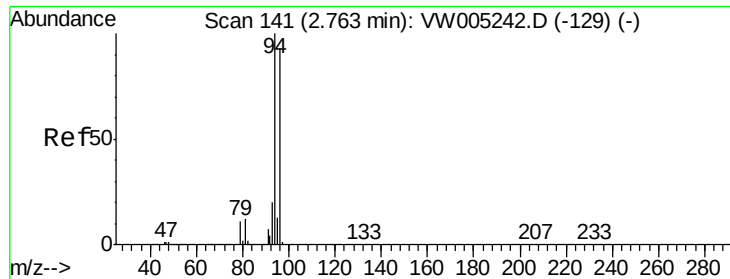
Tgt Ion: 62 Resp: 197401

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 55.63 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tot Ion: 94 Resp: 139635

Ion Ratio Lower Upper

94 100

96 96.2 74.1 111.1

Instrument :

MSVOA_W

ClientSampleId :

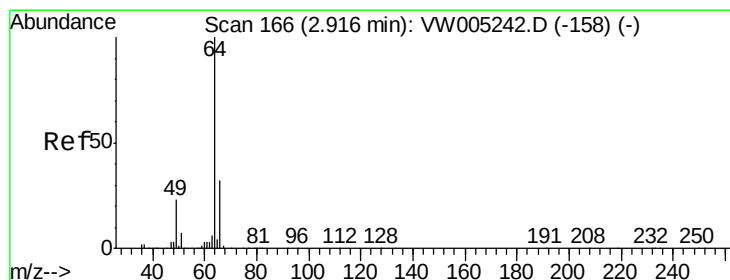
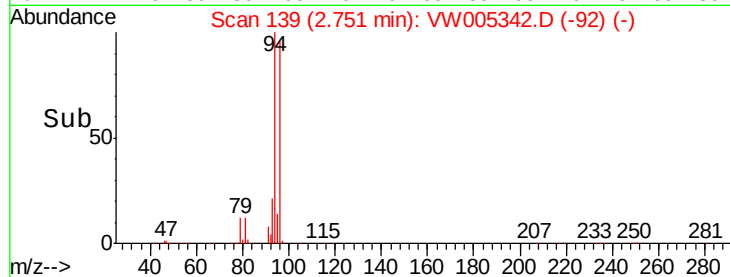
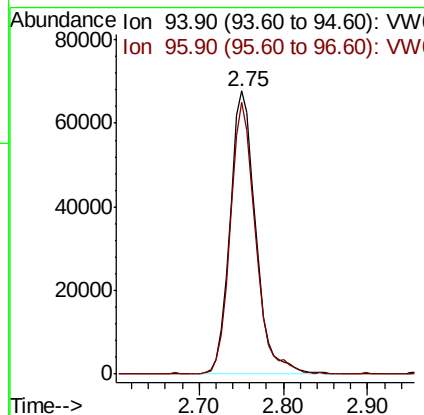
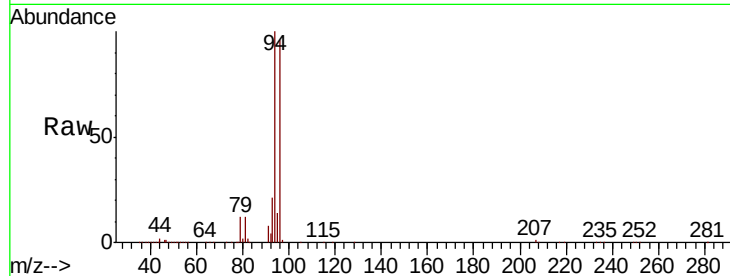
VSTDCCC050EC

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#6

Chloroethane

Concen: 49.70 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005342.D

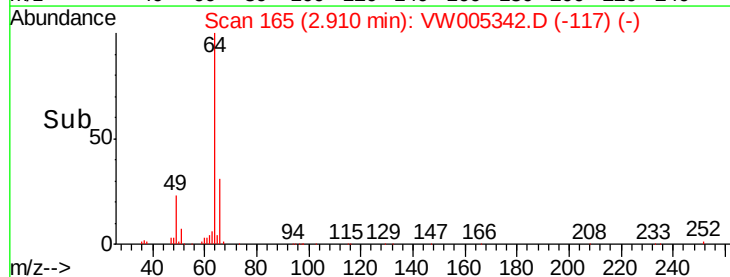
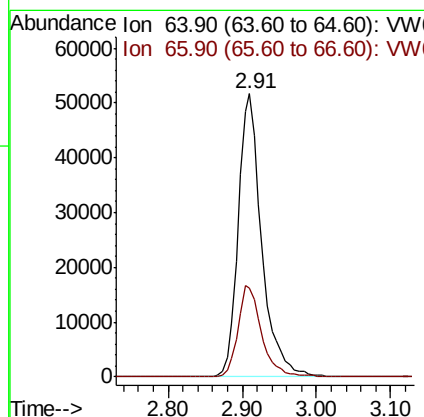
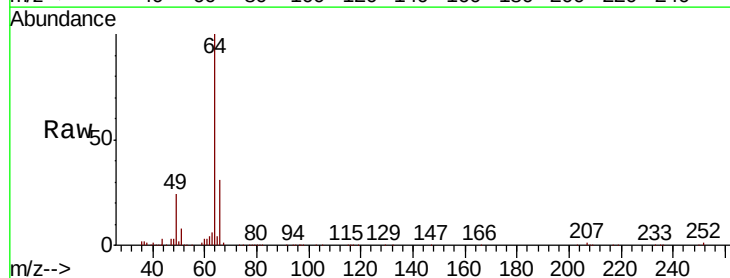
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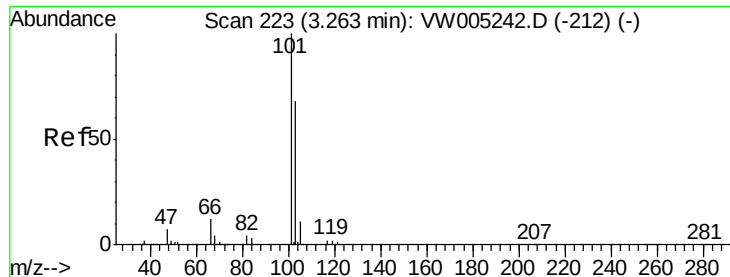
Tgt Ion: 64 Resp: 113980

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9





#7

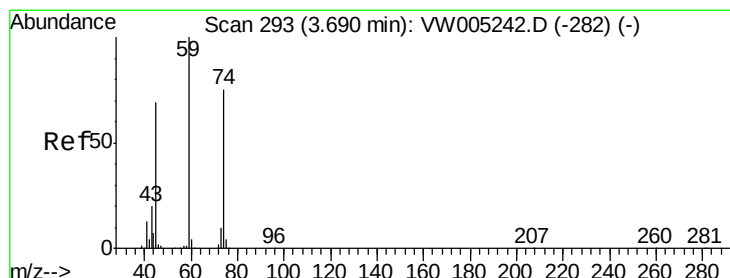
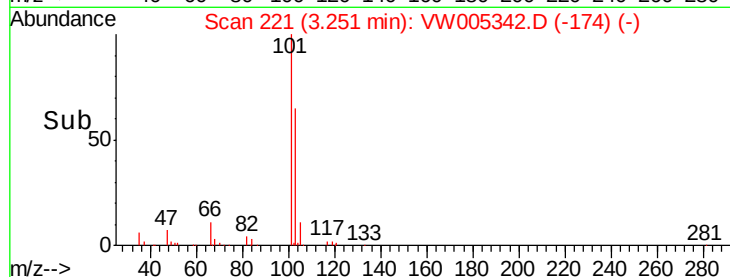
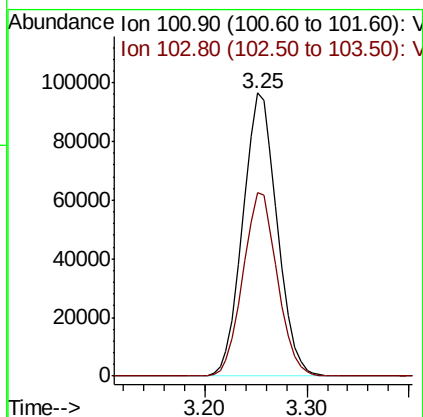
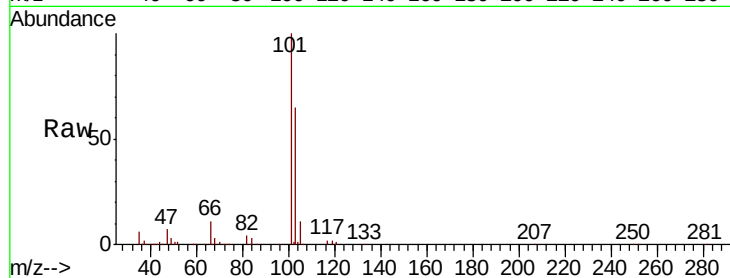
Trichlorofluoromethane
 Concen: 47.82 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	54.1	81.1

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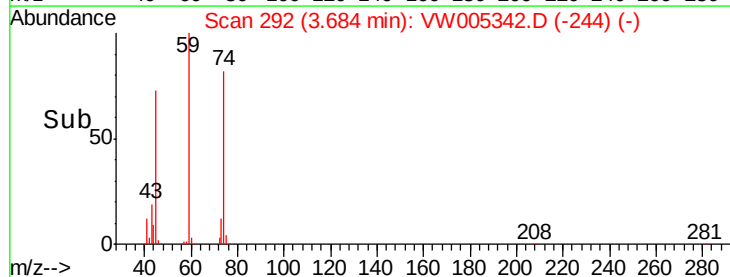
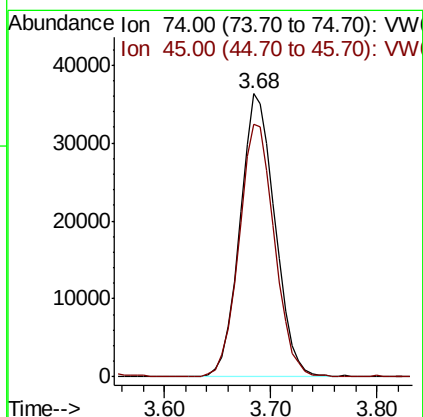
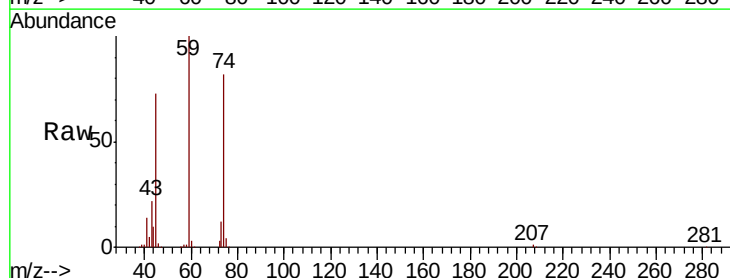
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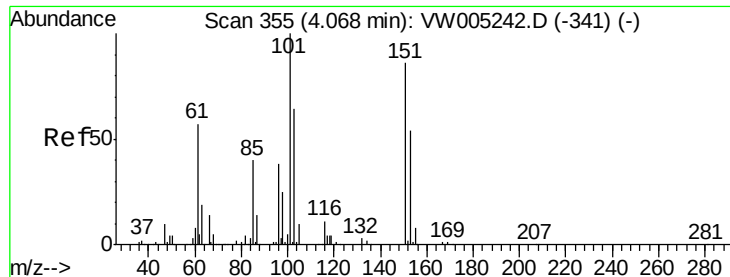


#8

Diethyl Ether
 Concen: 49.84 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.18 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

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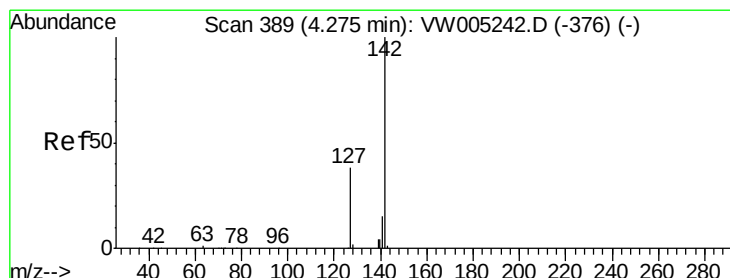
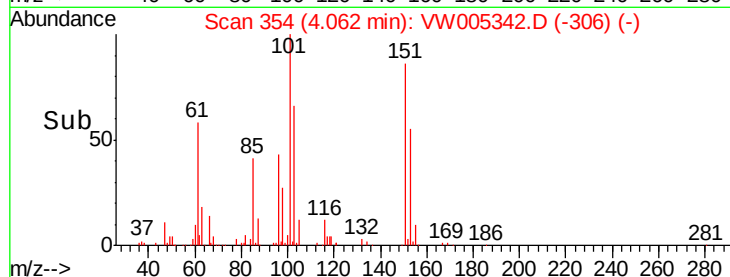
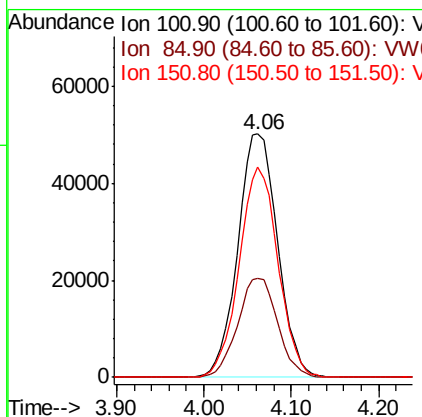
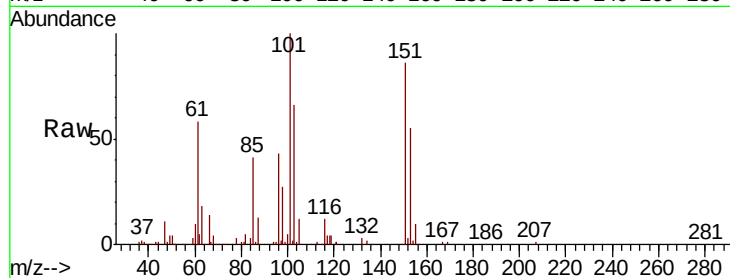
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158711
Ion Ratio	Lower	Upper	
101	100		
85	40.7	32.7	49.1
151	84.4	67.6	101.4

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#10

Methyl Iodide

Concen: 44.77 ug/l

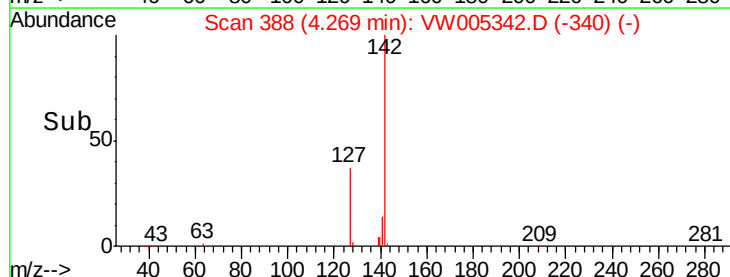
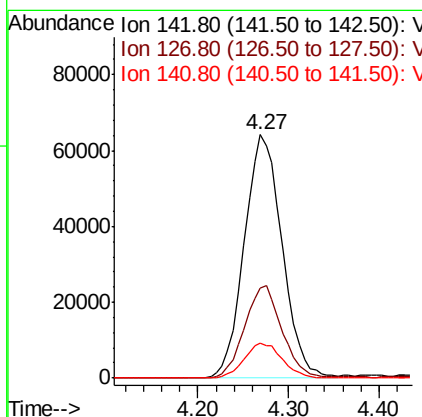
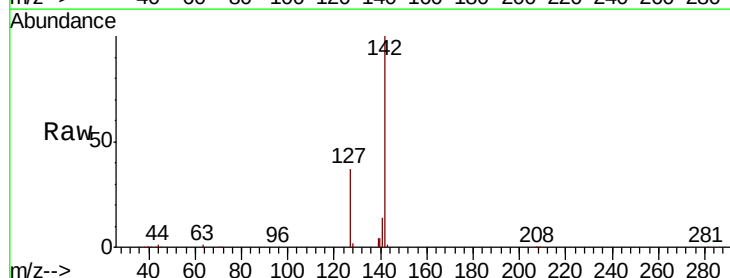
RT: 4.27 min Scan# 388

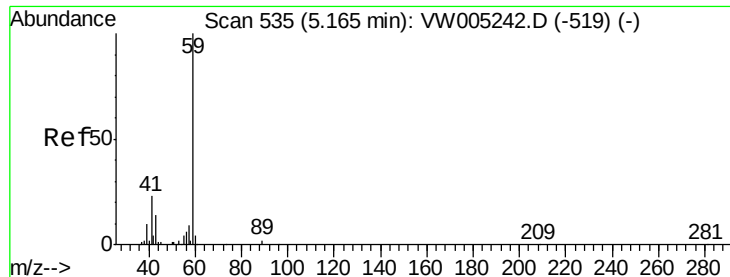
Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	142	Resp:	185658
Ion Ratio	Lower	Upper	
142	100		
127	37.6	30.3	45.5
141	14.4	11.4	17.0





#11

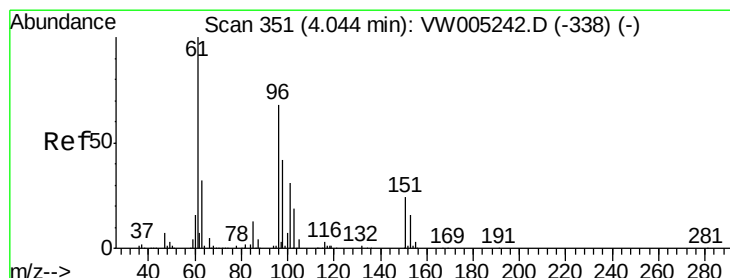
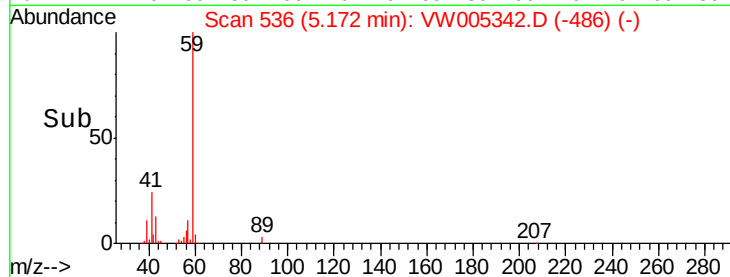
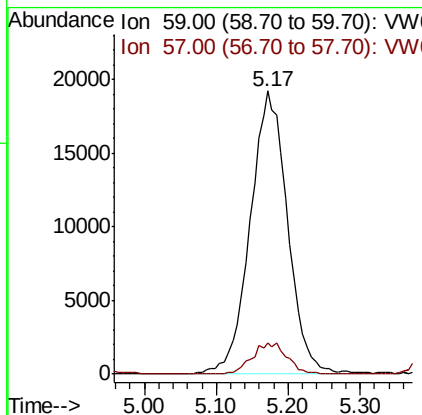
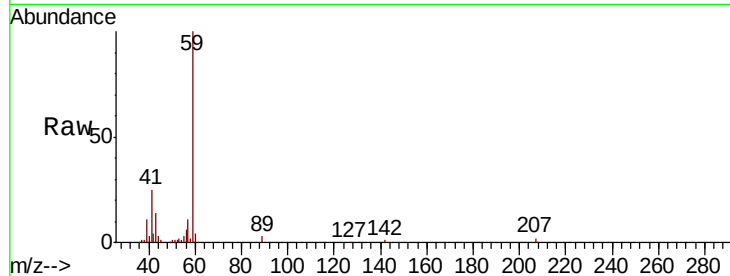
Tert butyl alcohol
Concen: 287.03 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

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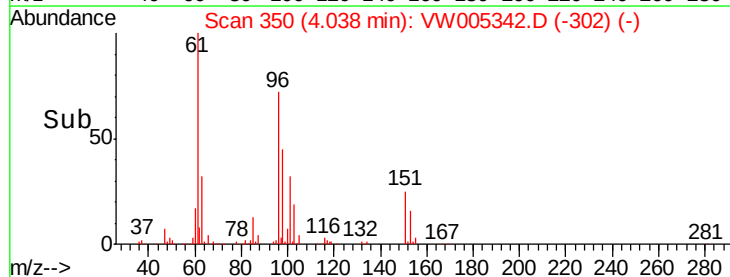
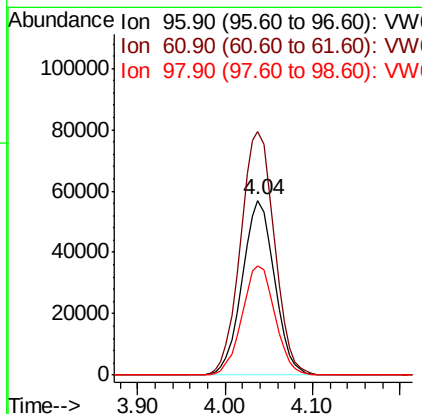
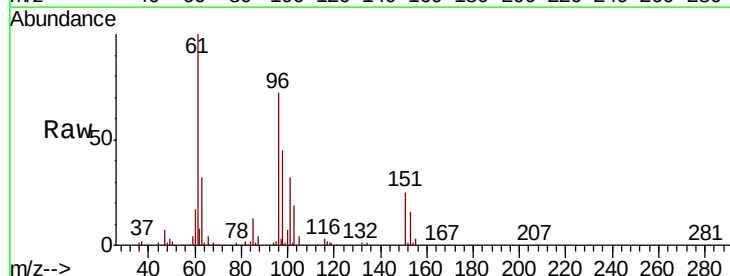
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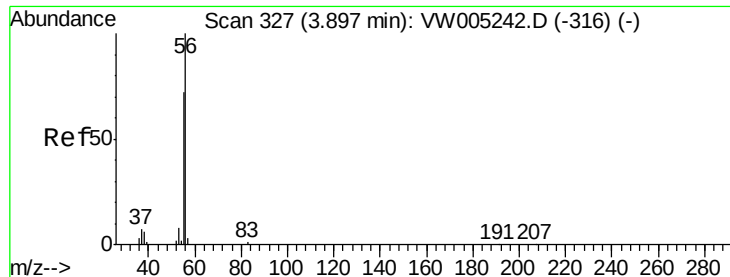


#12

1,1-Dichloroethene
Concen: 47.31 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.2	118.2	177.2
98	62.6	49.9	74.9





#13

Acrolein

Concen: 235.56 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 54730

Ion Ratio Lower Upper

56 100

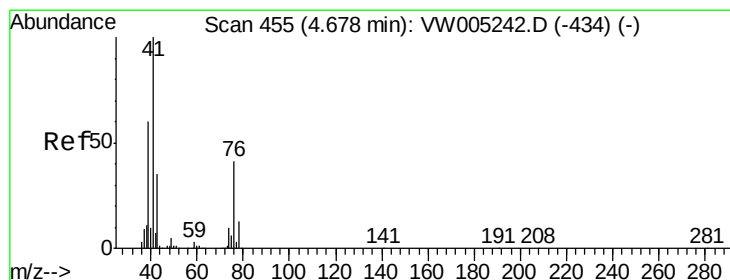
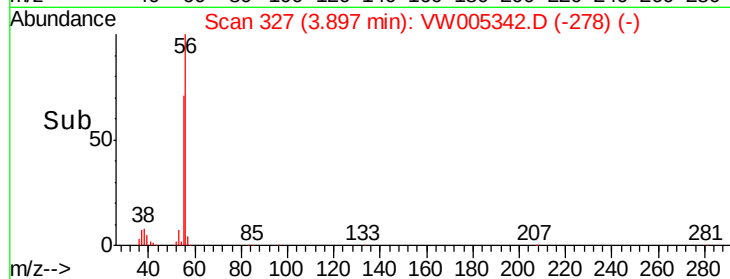
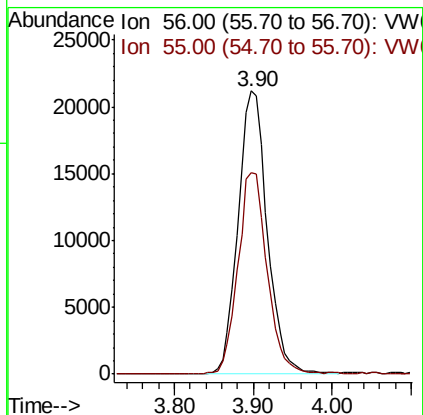
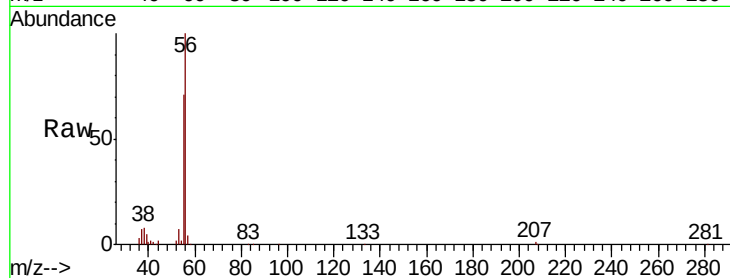
55 71.3 56.8 85.2

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#14

Allyl chloride

Concen: 46.46 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

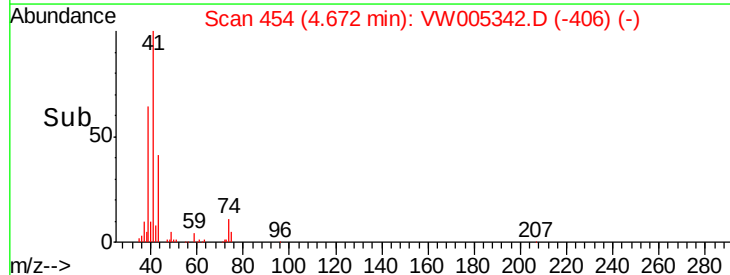
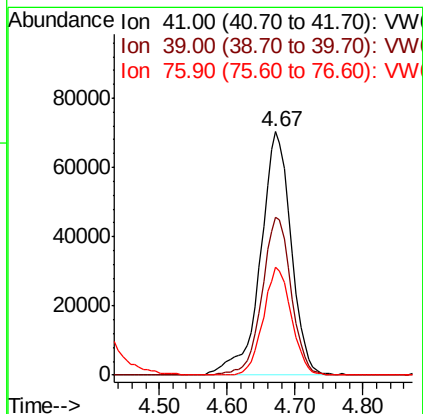
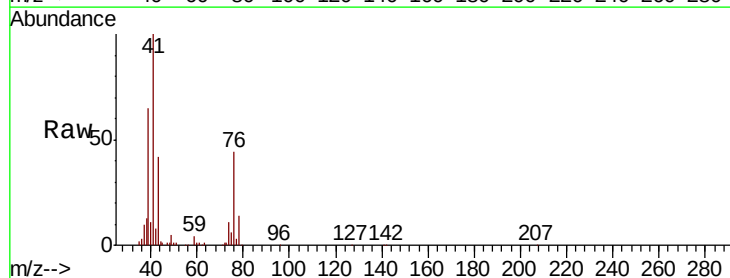
Tgt Ion: 41 Resp: 221146

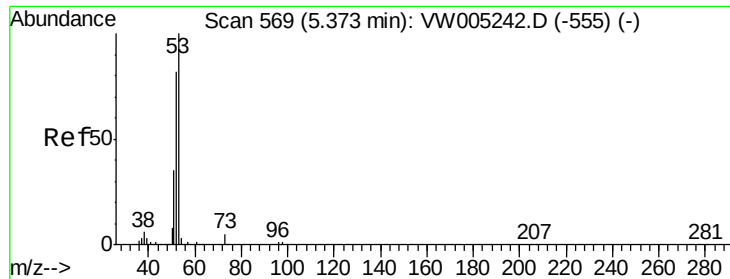
Ion Ratio Lower Upper

41 100

39 61.7 48.2 72.4

76 40.5 31.7 47.5





#15

Acrylonitrile

Concen: 291.28 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

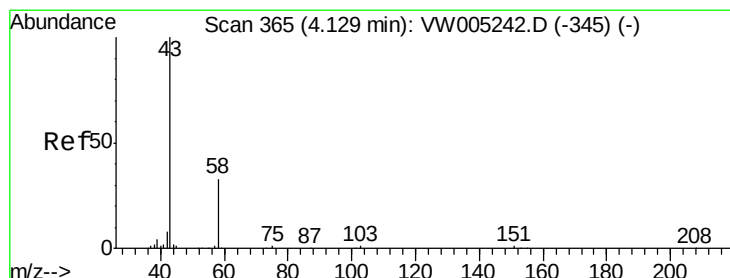
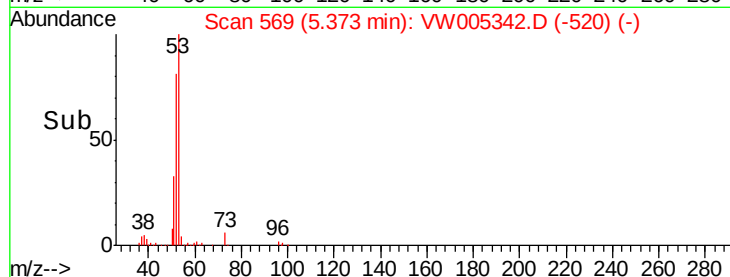
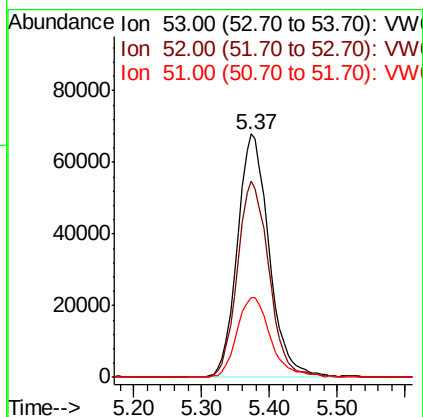
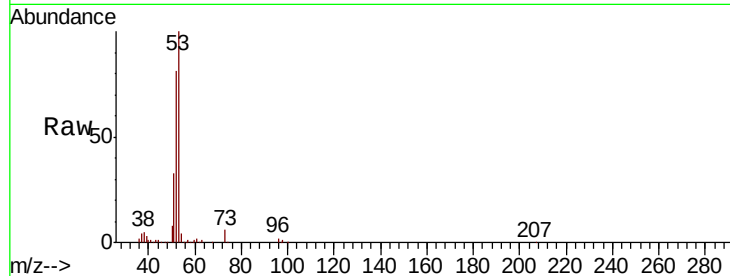
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	220576
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.0	99.0
51	34.9	28.6	43.0

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#16

Acetone

Concen: 290.76 ug/l

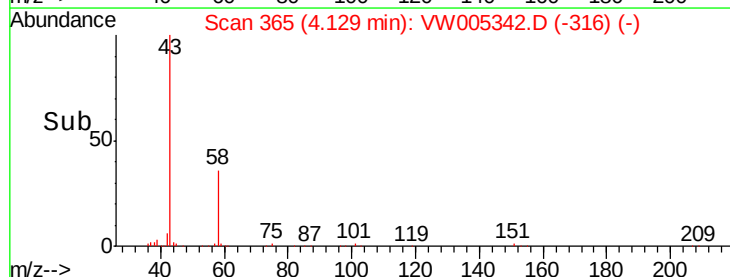
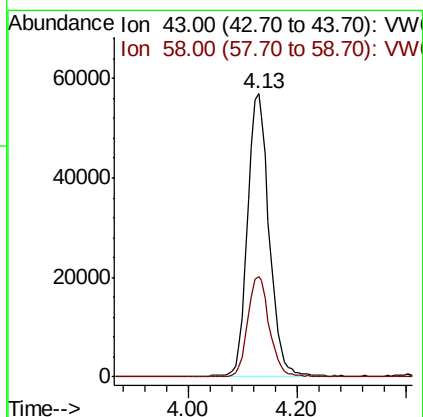
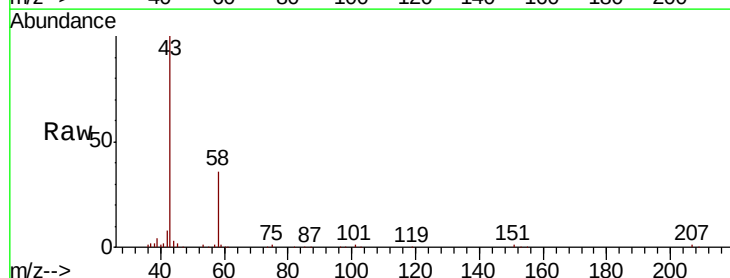
RT: 4.13 min Scan# 365

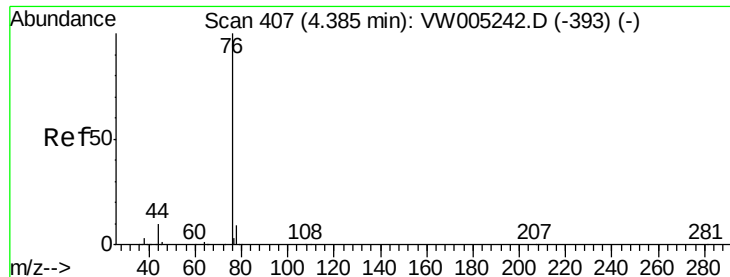
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	43	Resp:	158293
Ion	Ratio	Lower	Upper
43	100		
58	35.4	26.7	40.1





#17

Carbon Disulfide

Concen: 51.08 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tot Ion: 76 Resp: 555337

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

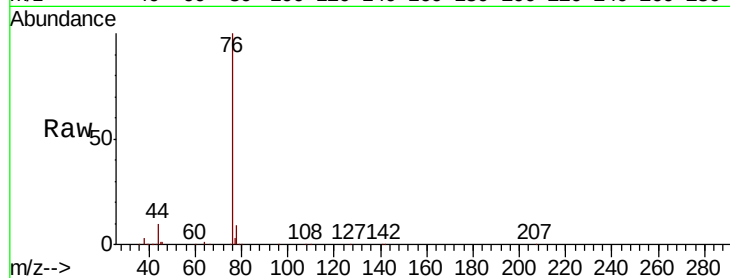
VSTDCCC050EC

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

200000

150000

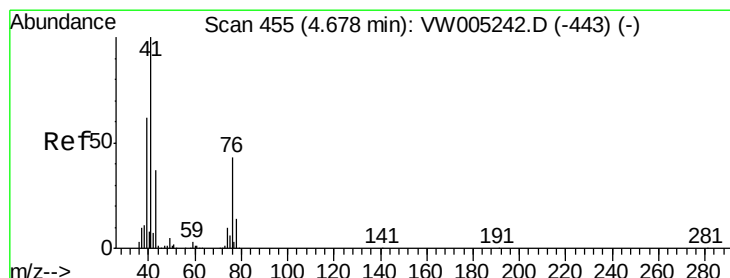
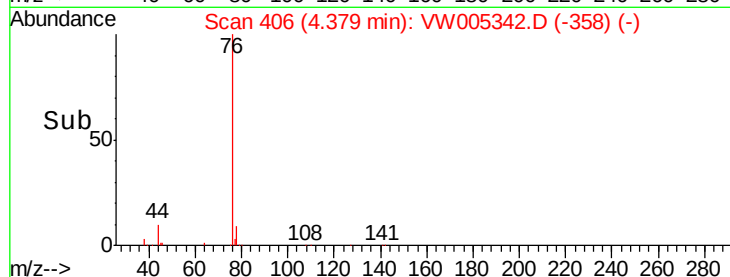
100000

50000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 56.97 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005342.D

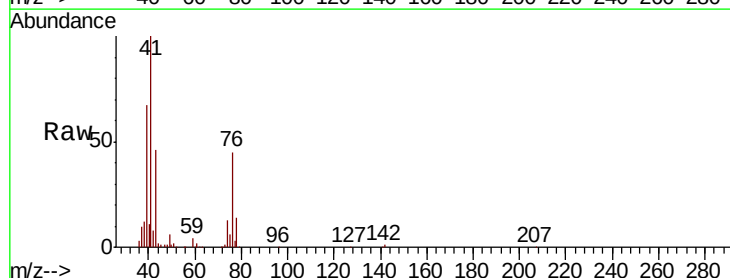
Acq: 12 Sep 2018 22:47

Tgt Ion: 43 Resp: 92575

Ion Ratio Lower Upper

43 100

74 27.5 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

30000

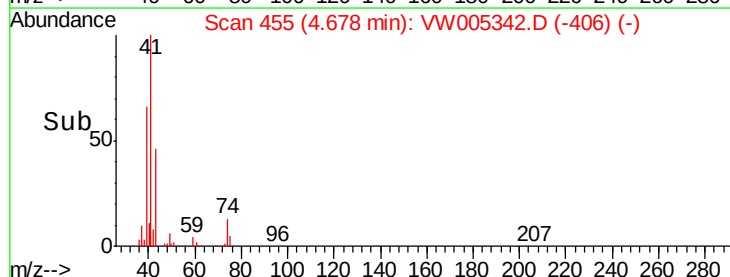
20000

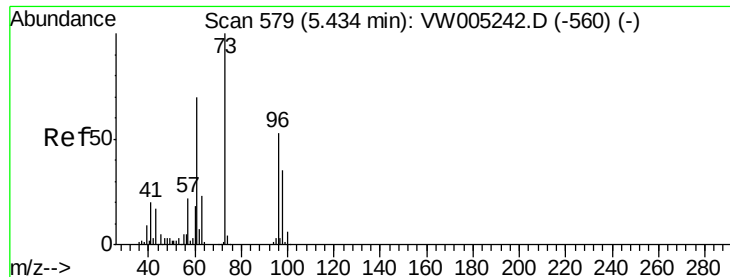
10000

0

4.50 4.60 4.70 4.80

Time-->





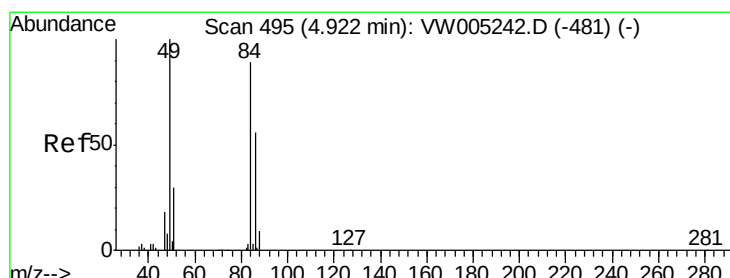
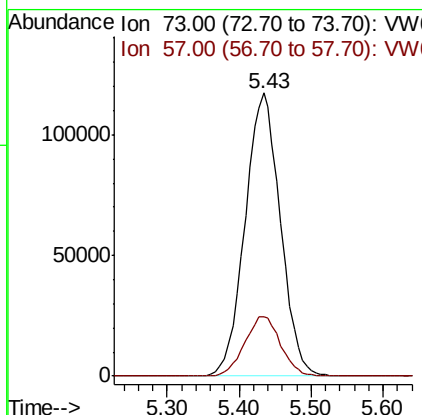
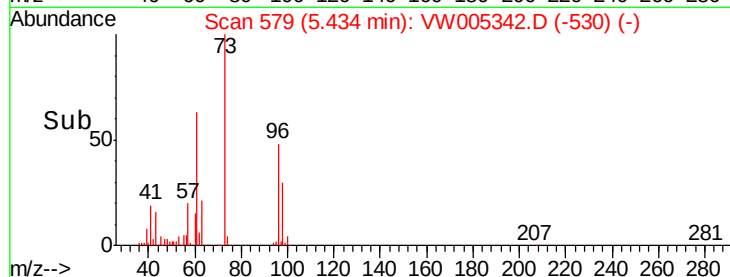
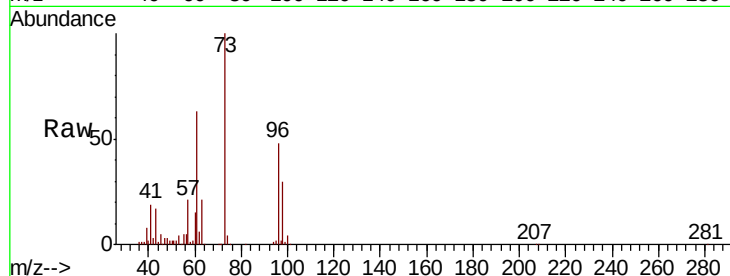
#19
Methyl tert-butyl Ether
Concen: 54.08 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 399007
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2

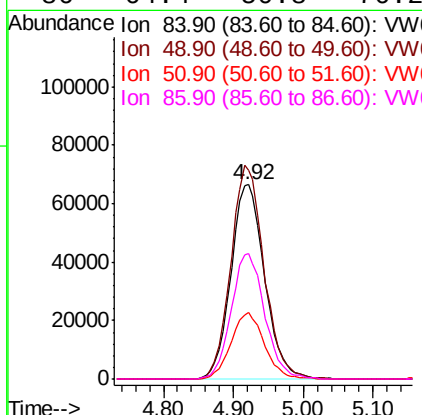
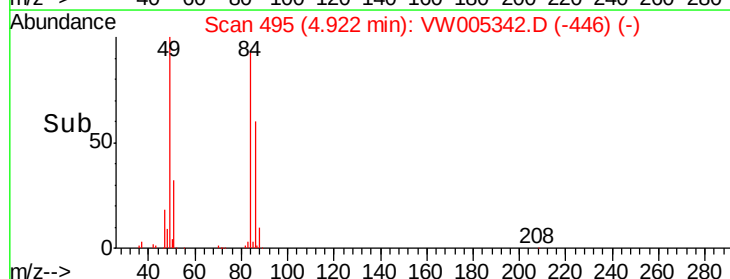
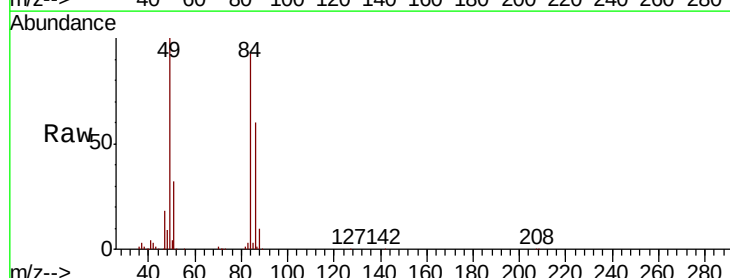
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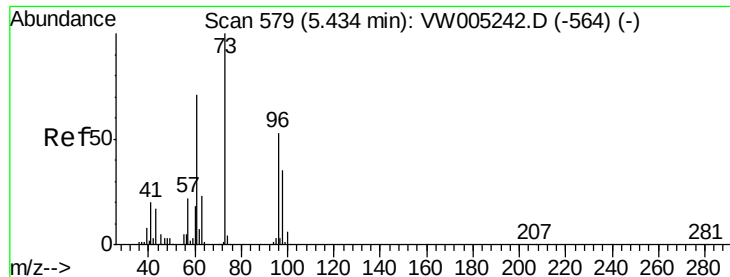
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#20
Methylene Chloride
Concen: 55.51 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 84 Resp: 223128
Ion Ratio Lower Upper
84 100
49 107.4 90.3 135.5
51 34.5 26.9 40.3
86 64.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.31 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 174735

Ion Ratio Lower Upper

96 100

61 125.2 105.7 158.5

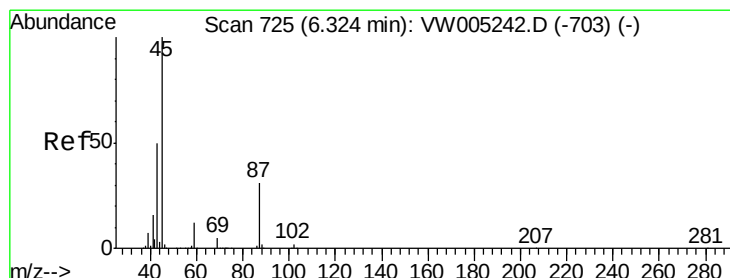
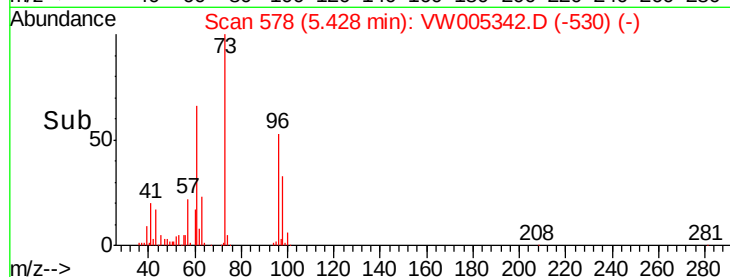
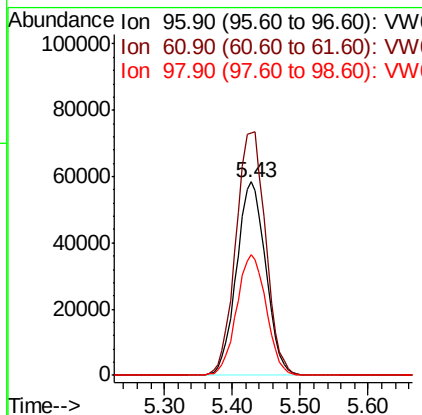
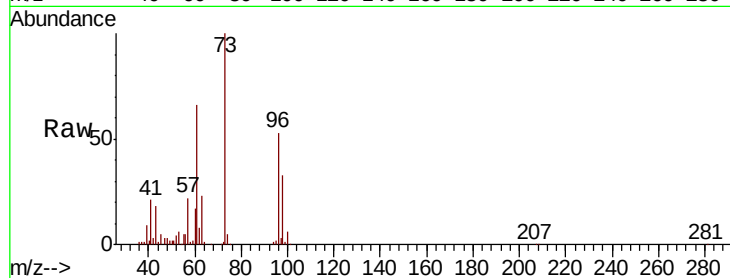
98 62.7 52.8 79.2

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#22

Diisopropyl ether

Concen: 51.74 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion: 45 Resp: 495776

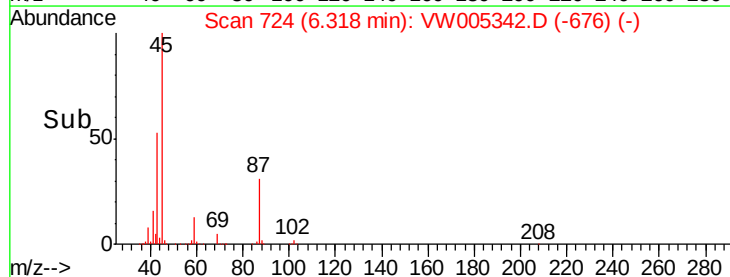
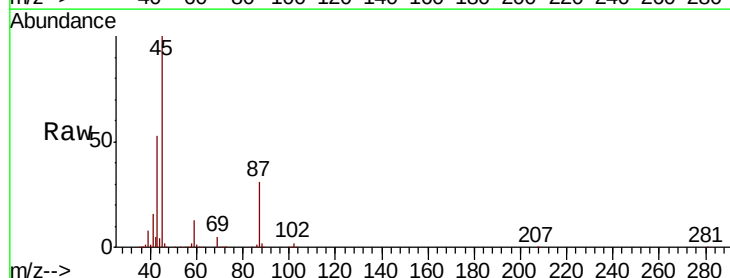
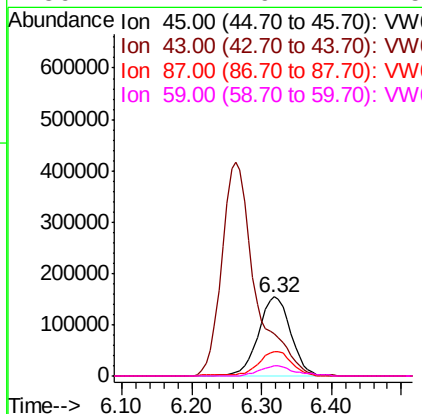
Ion Ratio Lower Upper

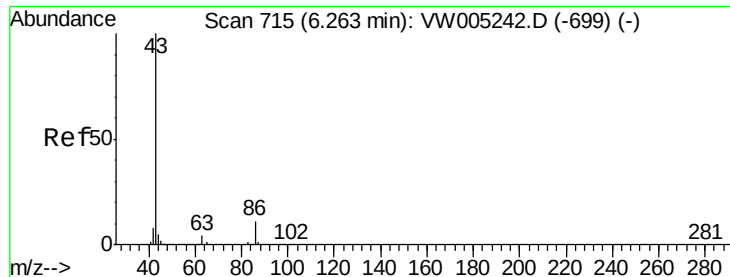
45 100

43 52.4 39.6 59.4

87 31.1 24.7 37.1

59 12.7 9.7 14.5





#23

Vinyl Acetate

Concen: 259.97 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1388190

Ion Ratio Lower Upper

43 100

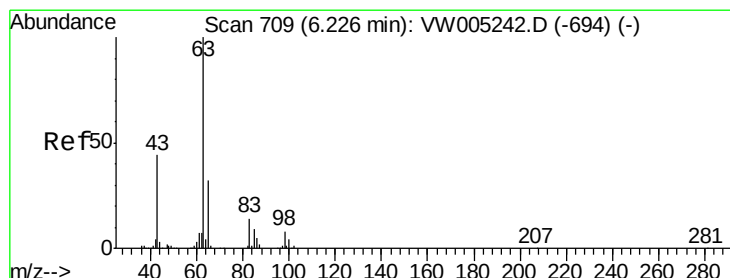
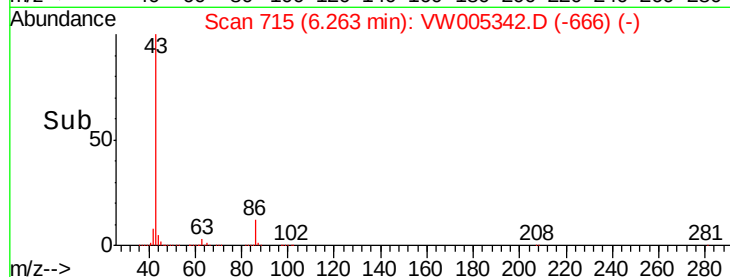
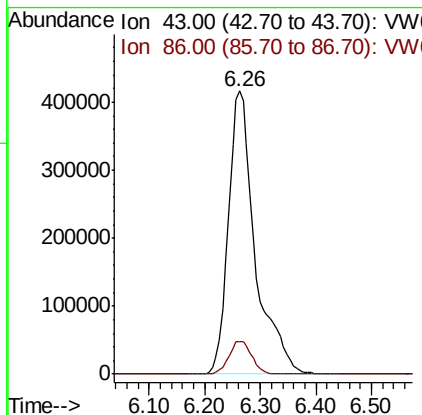
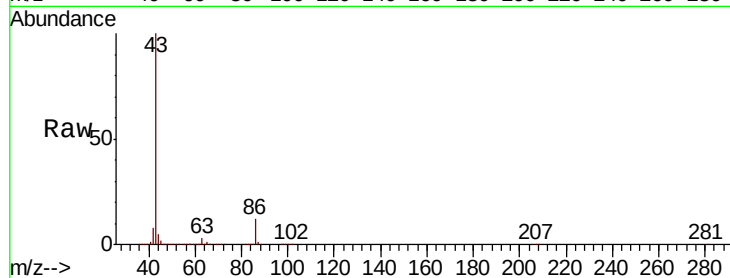
86 11.6 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 49.04 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

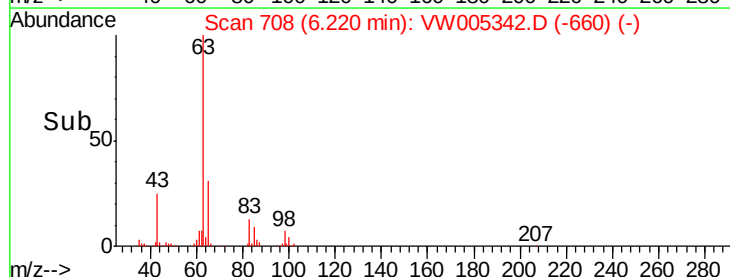
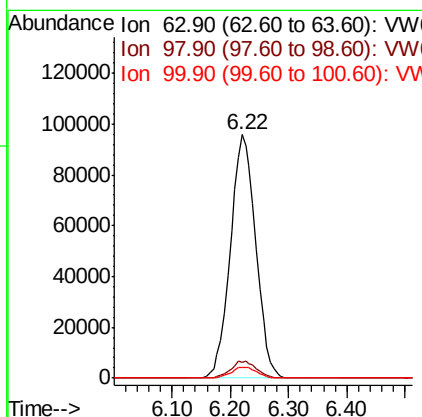
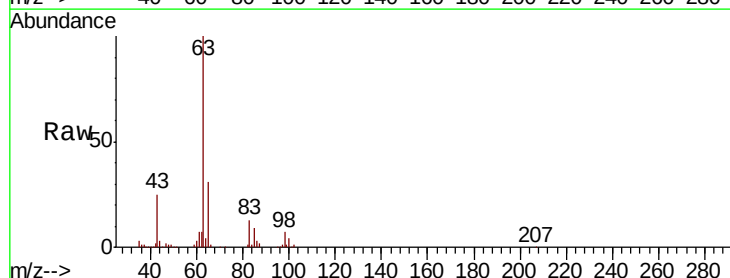
Tgt Ion: 63 Resp: 289263

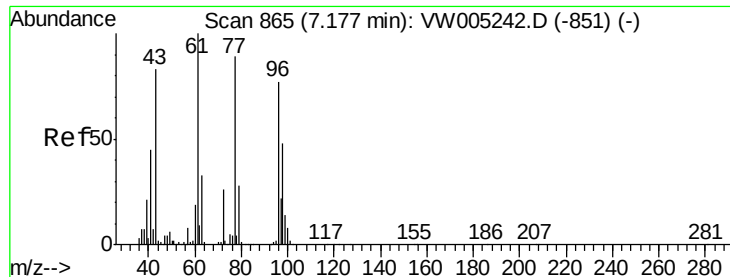
Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 285.55 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 245210

Ion Ratio Lower Upper

43 100

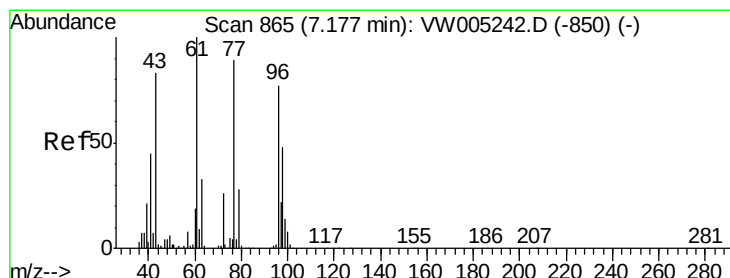
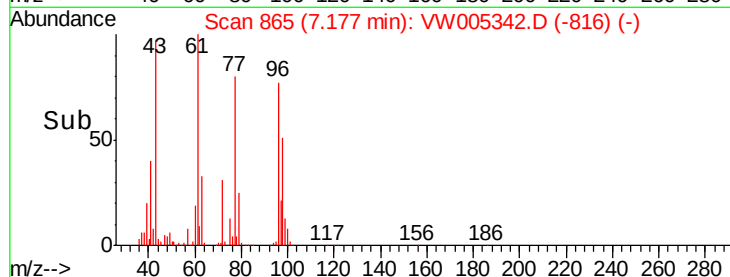
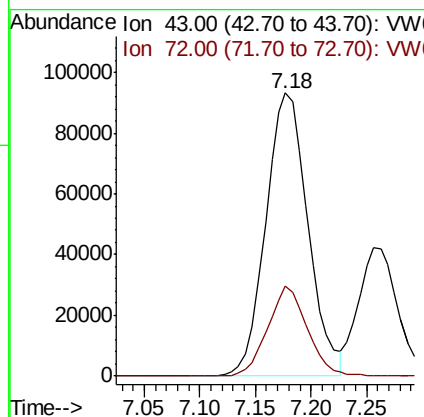
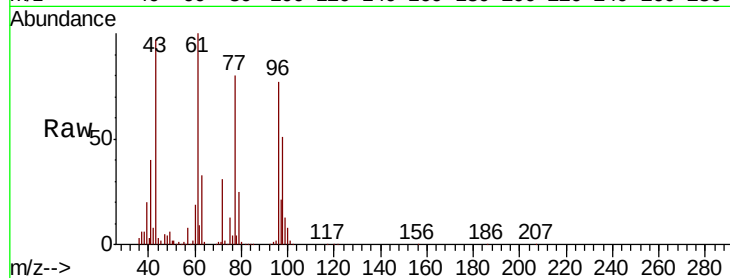
72 31.8 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 44.94 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005342.D

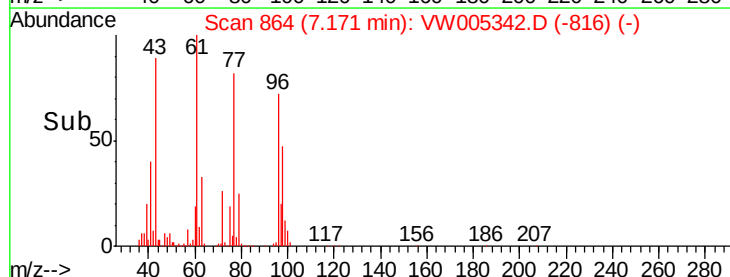
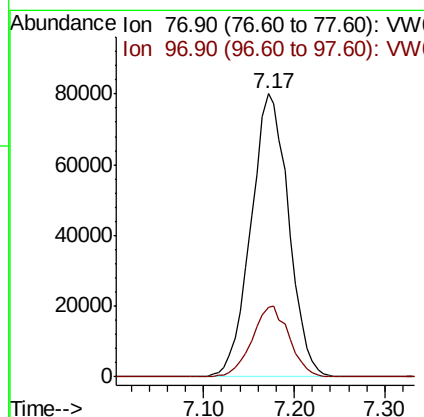
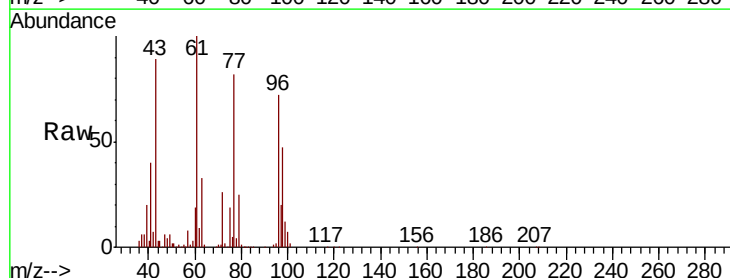
Acq: 12 Sep 2018 22:47

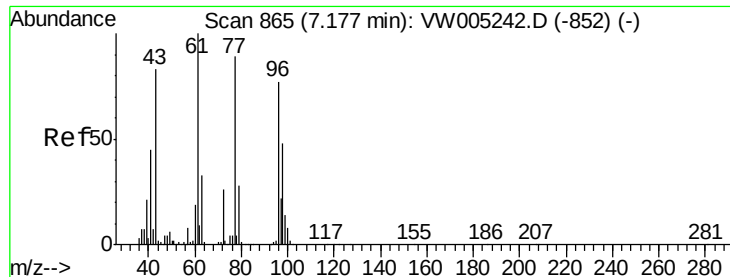
Tgt Ion: 77 Resp: 229836

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

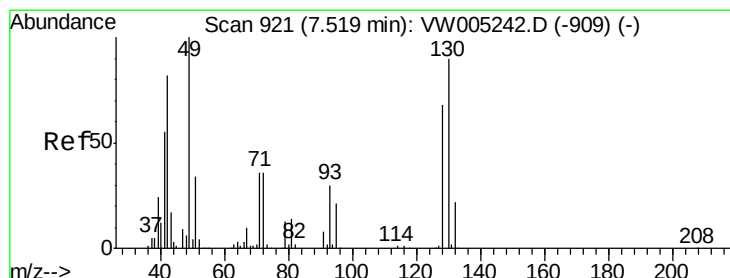
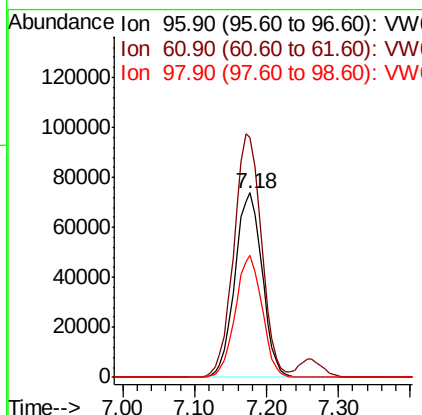
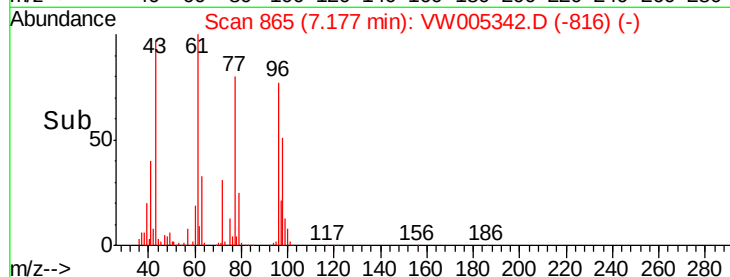
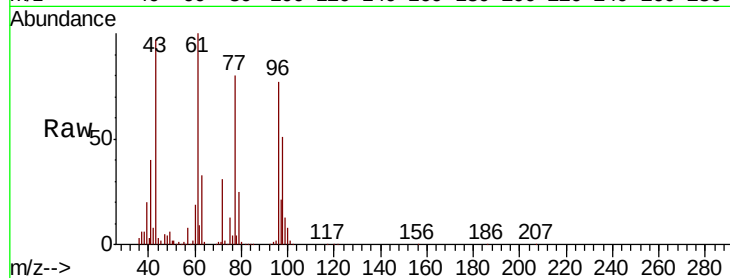
cis-1,2-Dichloroethene
 Concen: 50.37 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	194949		
61	133.5	0.0	273.4	
98	64.6	0.0	127.8	

Manual Integrations
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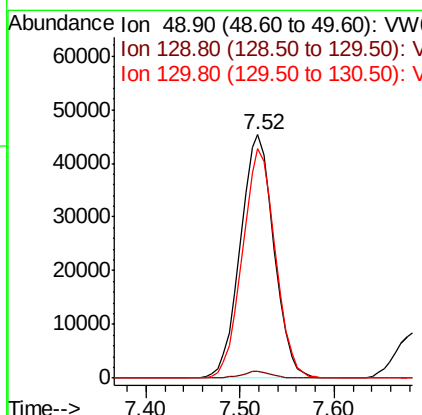
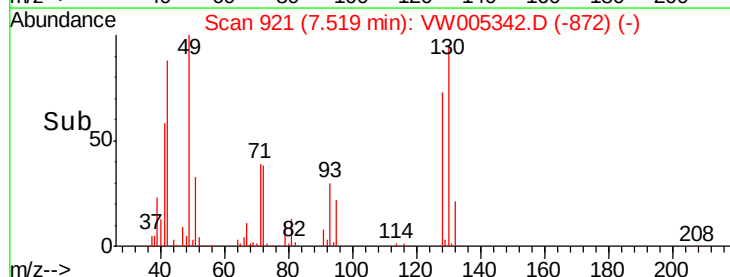
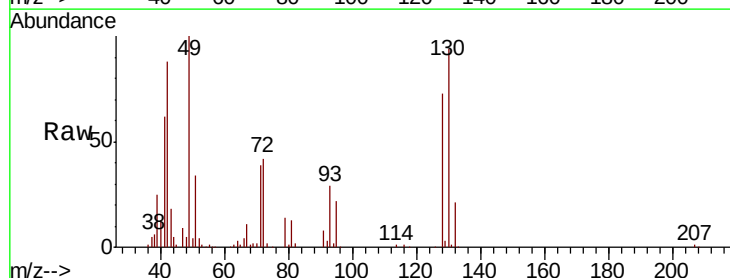
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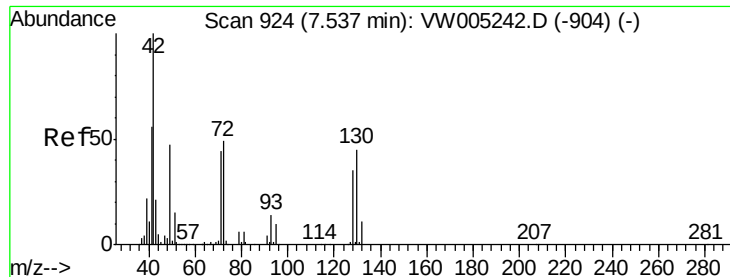


#28

Bromochloromethane
 Concen: 52.07 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113306		
129	2.5	0.0	2.0#	
130	92.2	71.2	106.8	





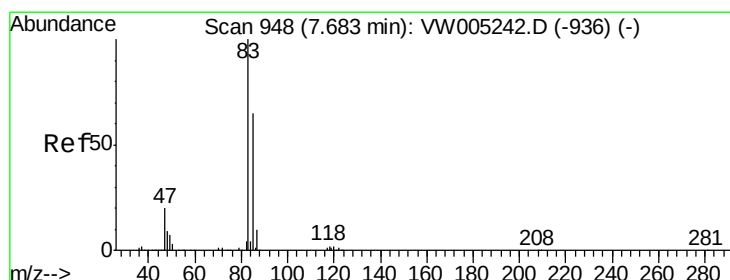
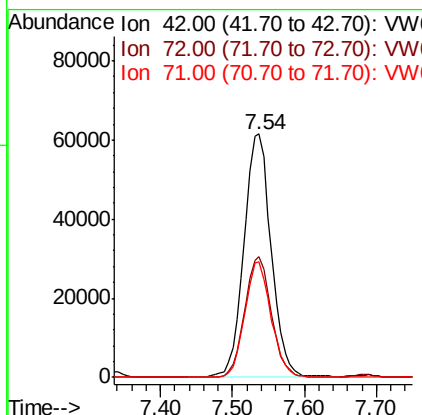
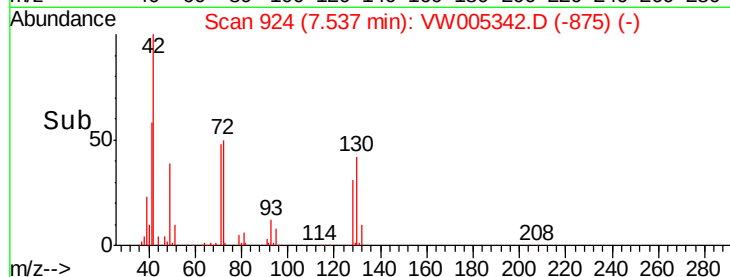
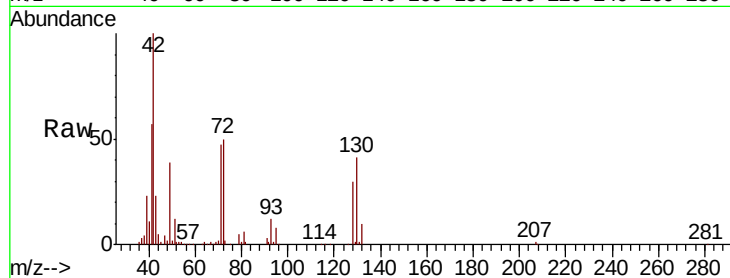
#29
Tetrahydrofuran
Concen: 279.96 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.5	56.3
71	45.9	34.8	52.2

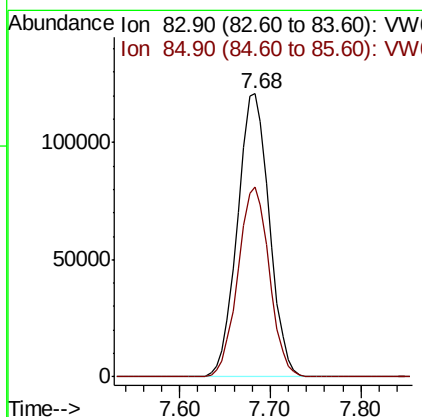
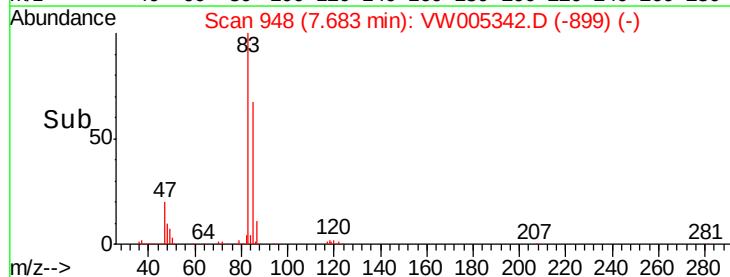
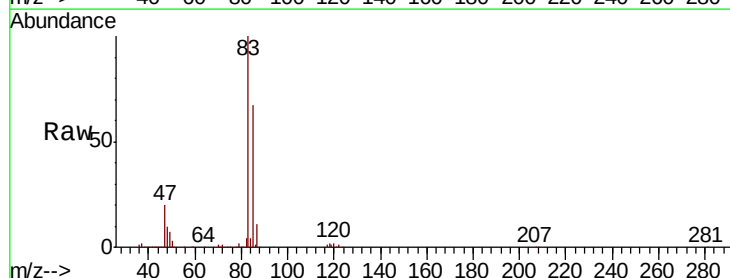
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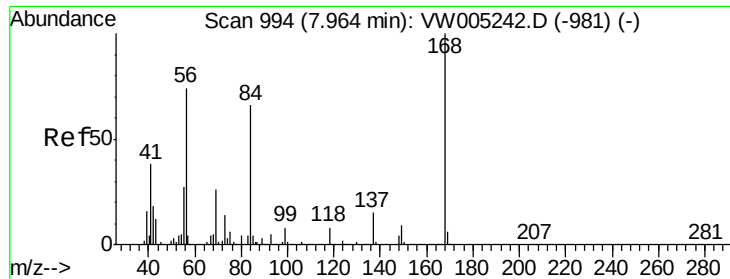
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#30
Chloroform
Concen: 49.81 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.7	77.5





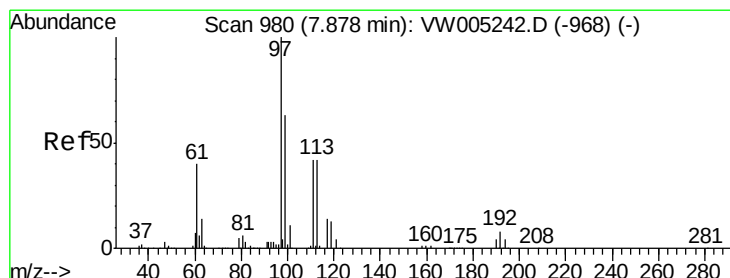
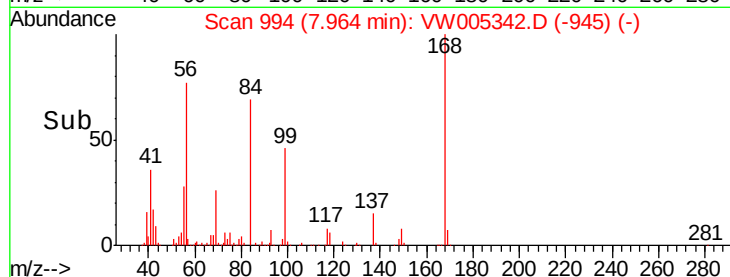
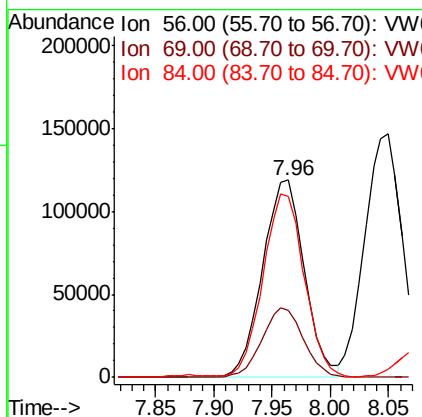
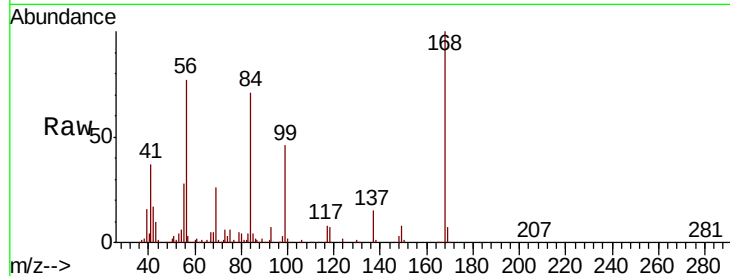
#31
Cyclohexane
Concen: 47.08 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.8	41.8
84	90.6	72.1	108.1

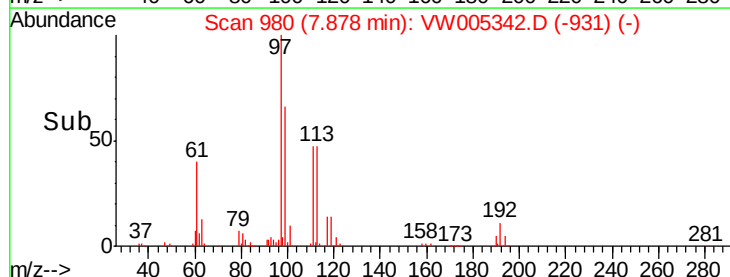
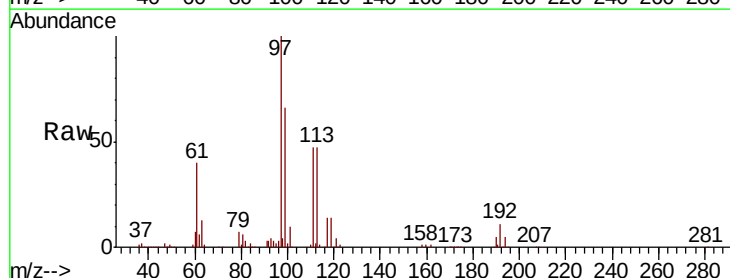
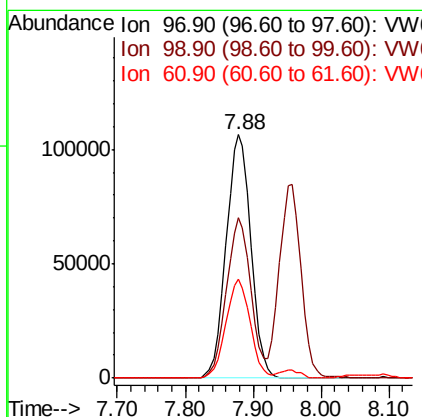
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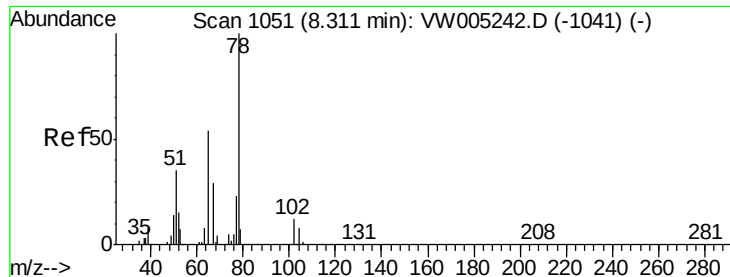
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#32
1,1,1-Trichloroethane
Concen: 50.01 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	40.0	32.5	48.7





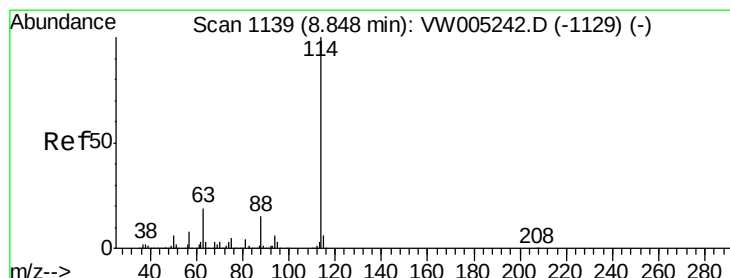
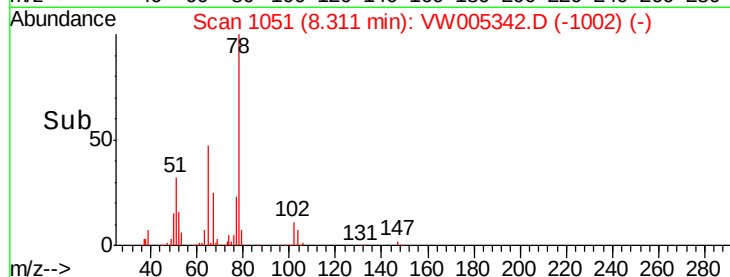
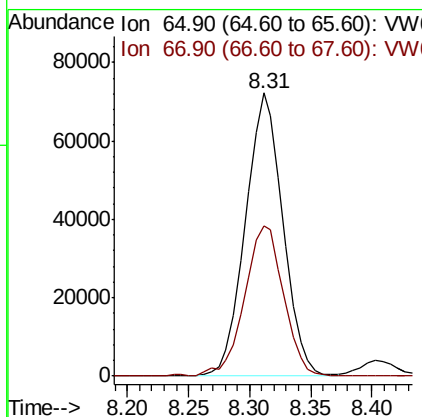
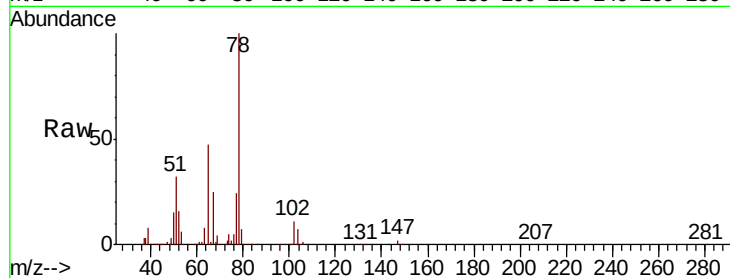
#33
 1,2-Dichloroethane-d4
 Concen: 52.37 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	112.2	

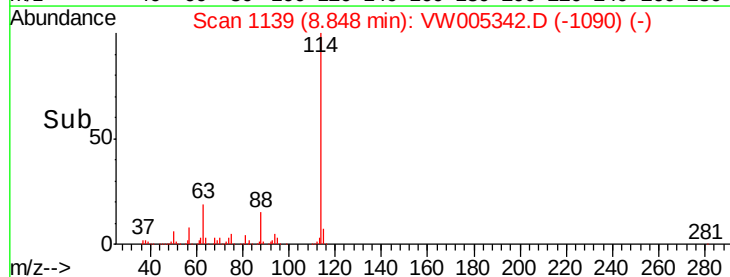
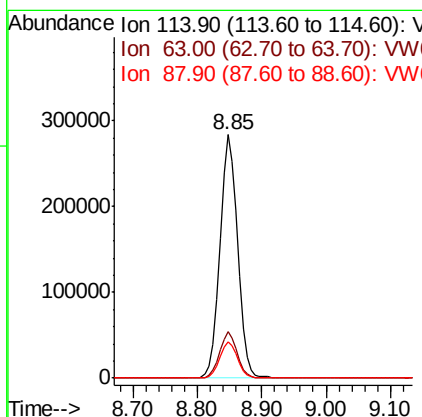
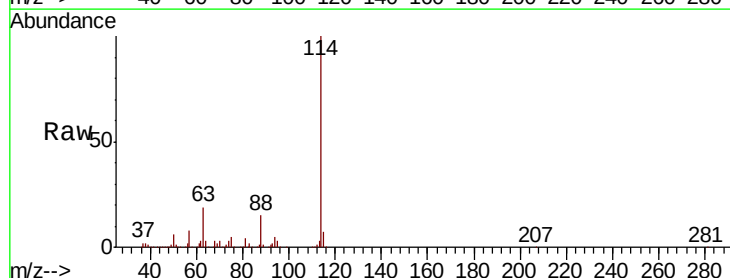
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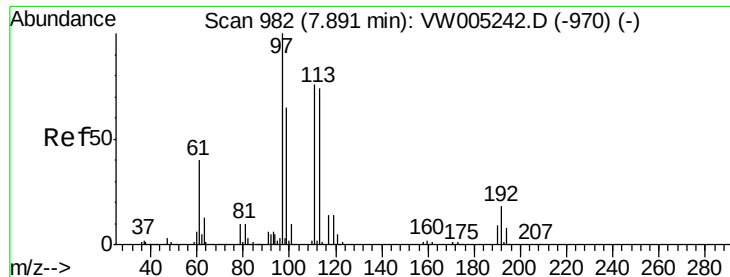
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	37.0	
88	14.8	0.0	30.4	





#35

Dibromofluoromethane

Concen: 54.08 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

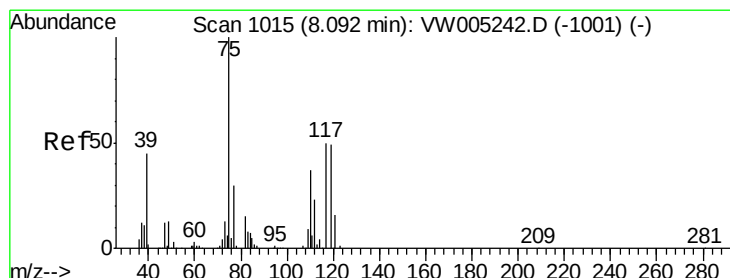
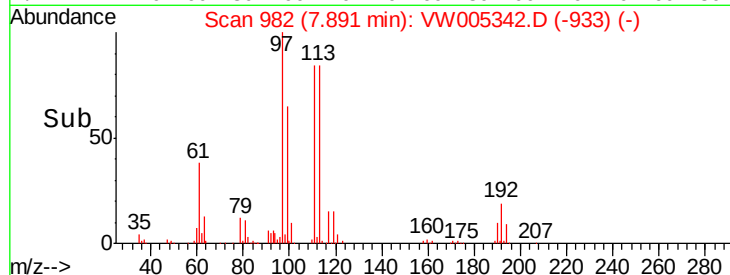
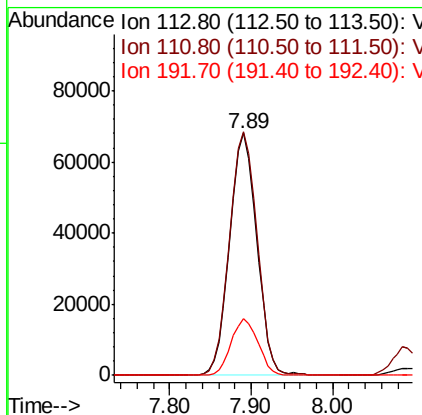
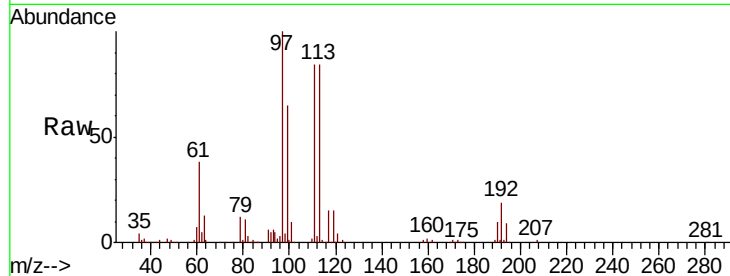
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	156490
Ion Ratio	Lower	Upper	
113	100		
111	102.3	80.6	121.0
192	23.0	18.3	27.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.30 ug/l

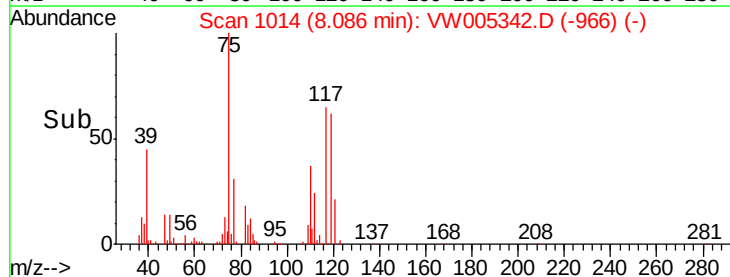
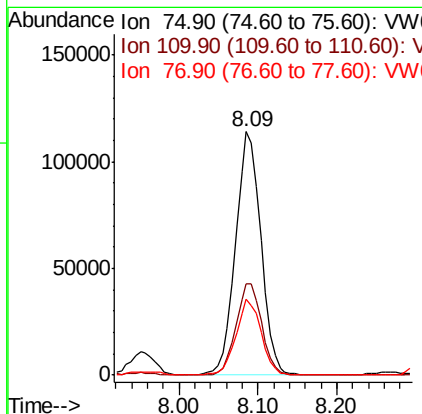
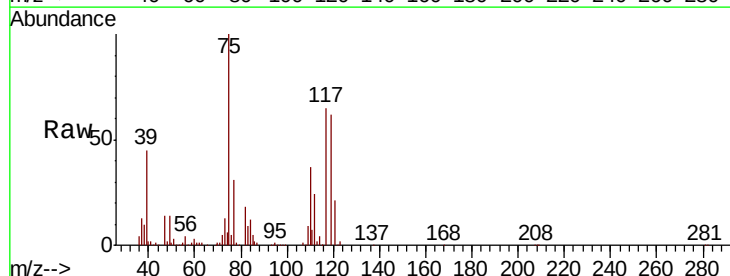
RT: 8.09 min Scan# 1014

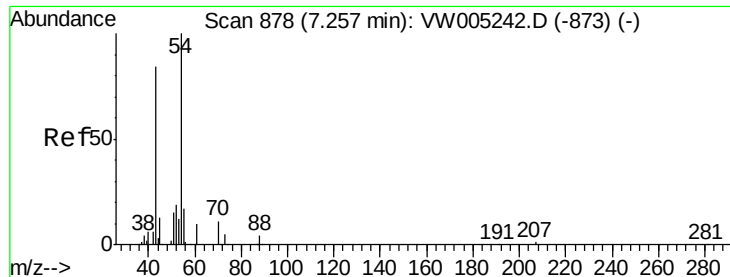
Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	75	Resp:	254547
Ion Ratio	Lower	Upper	
75	100		
110	38.0	18.8	56.4
77	31.1	24.9	37.3





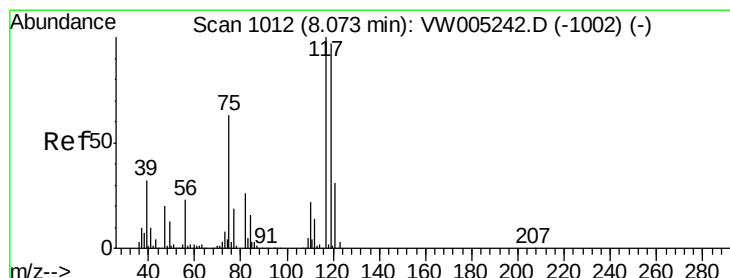
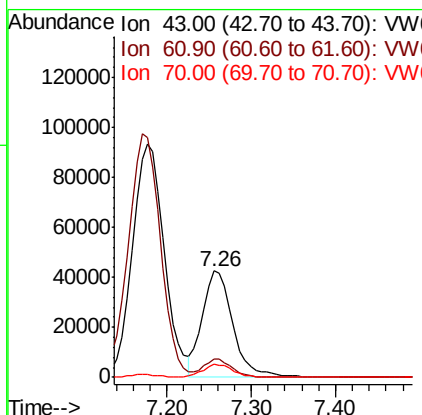
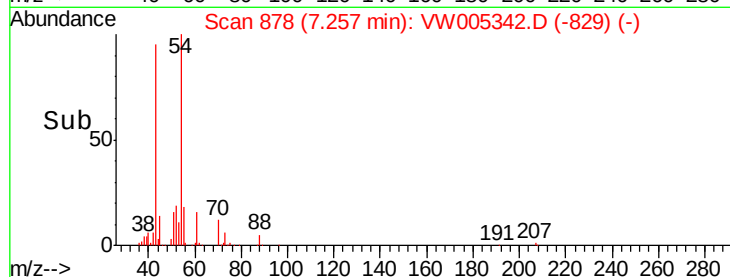
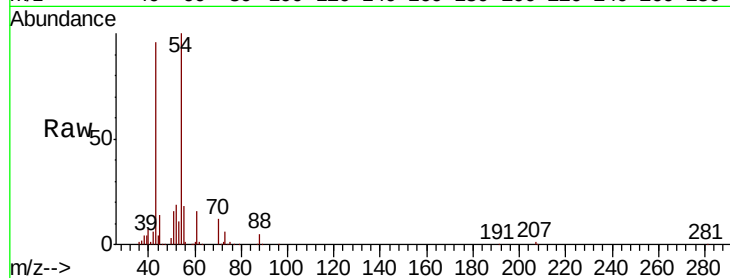
#37
Ethyl Acetate
Concen: 55.16 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.3	18.5
70	12.4	9.5	14.3

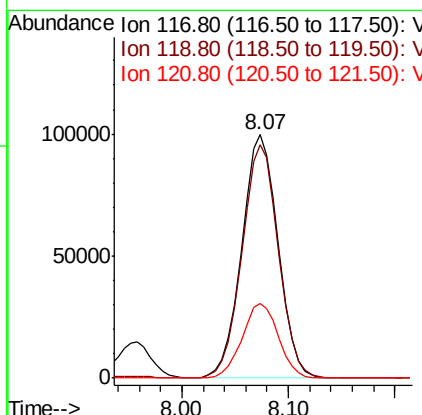
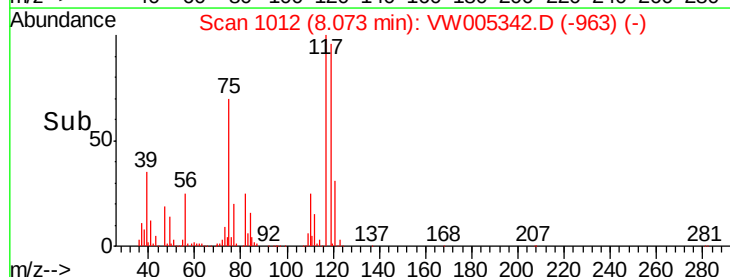
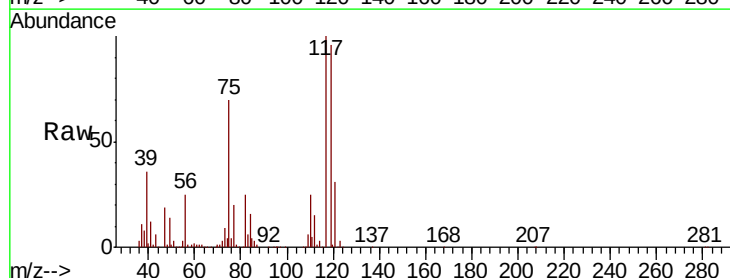
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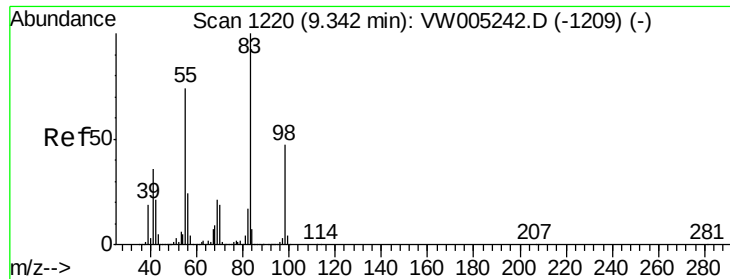
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#38
Carbon Tetrachloride
Concen: 50.13 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
121	30.8	24.7	37.1





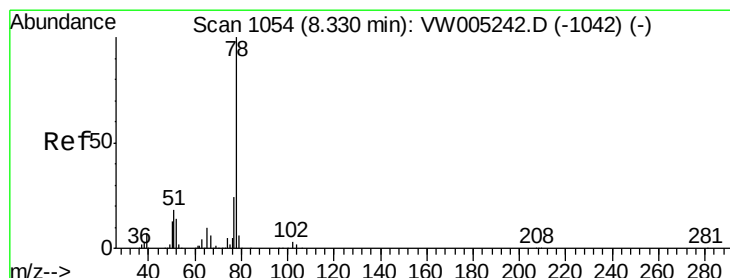
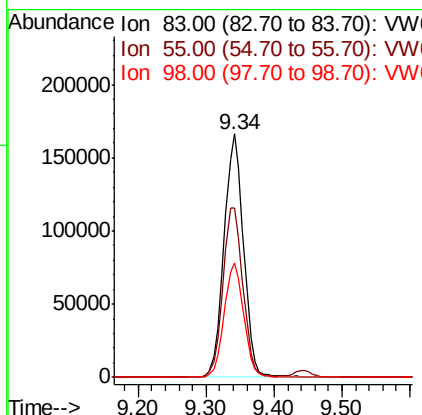
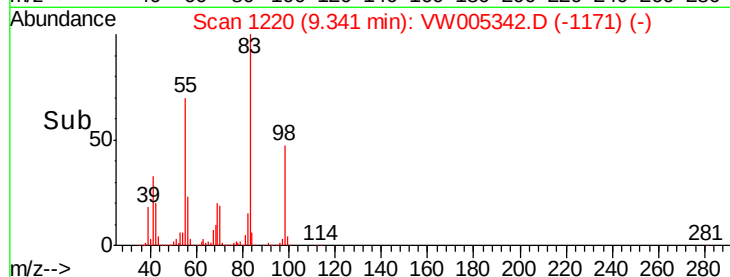
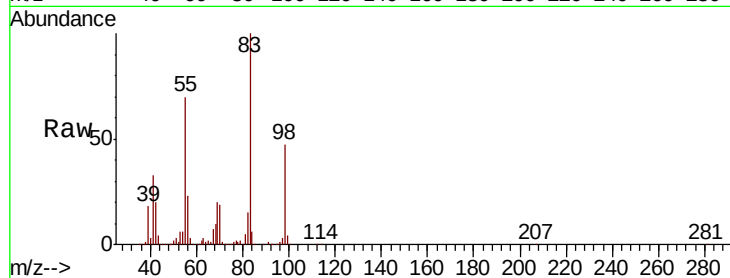
#39
Methylvlcyclohexane
Concen: 49.50 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	58.9	88.3
98	46.8	37.6	56.4

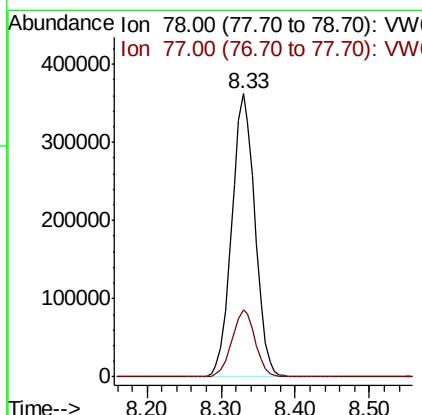
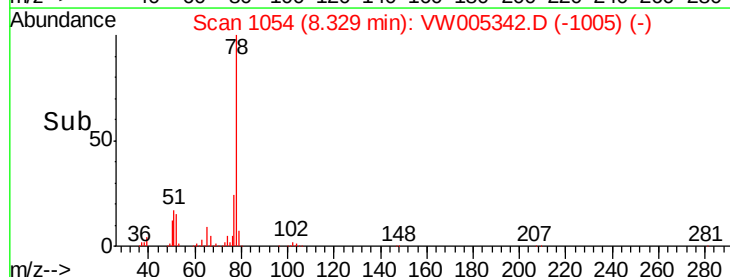
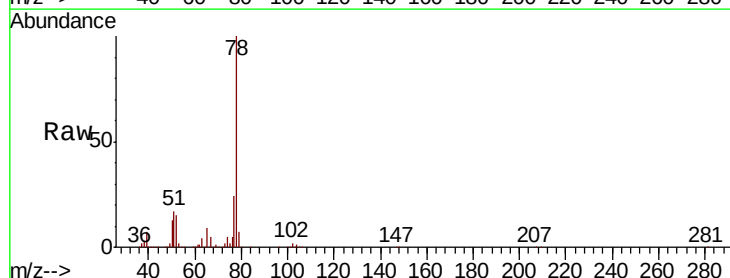
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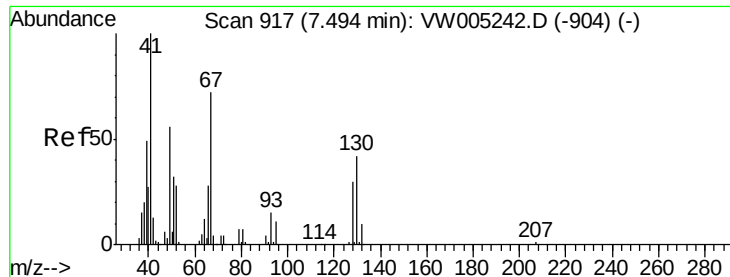
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#40
Benzene
Concen: 53.01 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





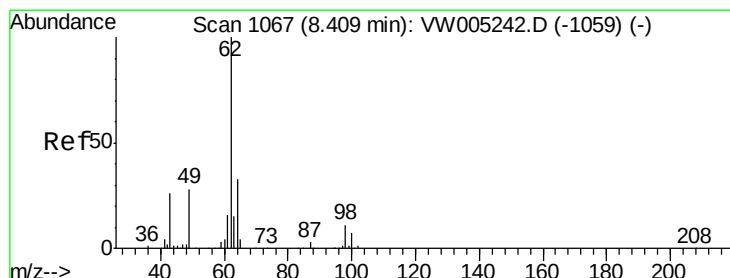
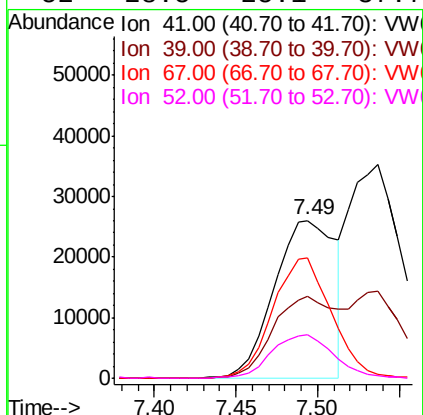
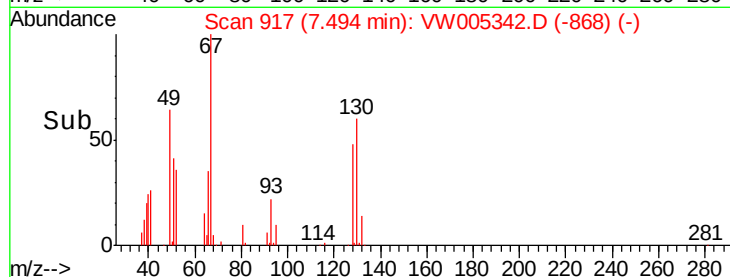
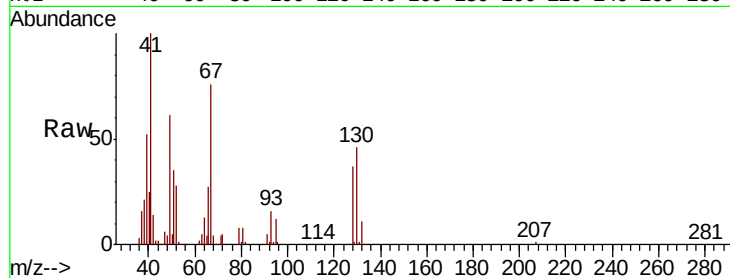
#41
Methacrylonitrile
Concen: 68.87 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	39.9	59.9
67	73.5	65.7	98.5
52	28.5	25.1	37.7

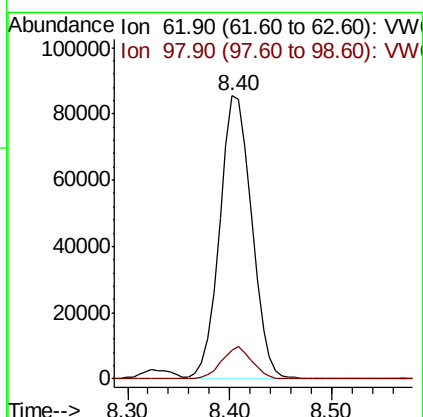
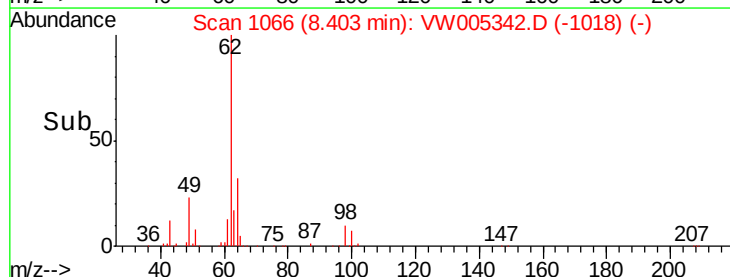
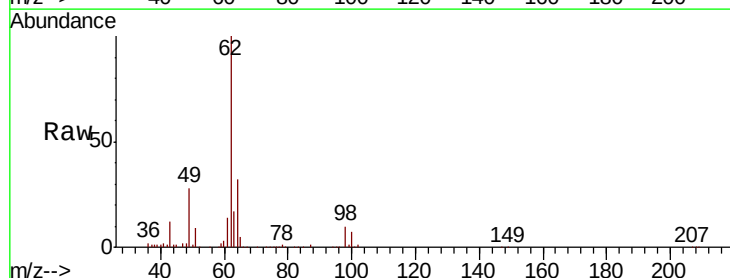
Manual Integrations
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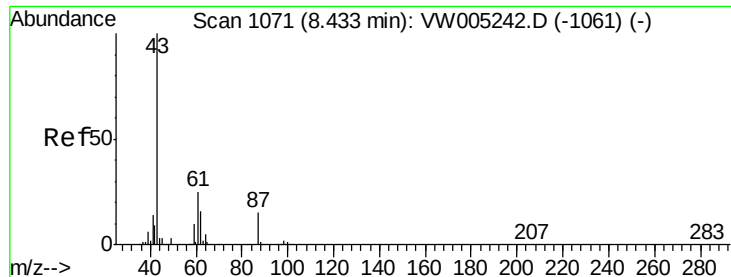
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#42
1,2-Dichloroethane
Concen: 52.24 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 57.52 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

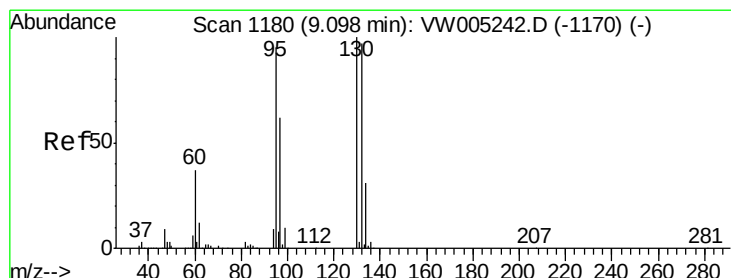
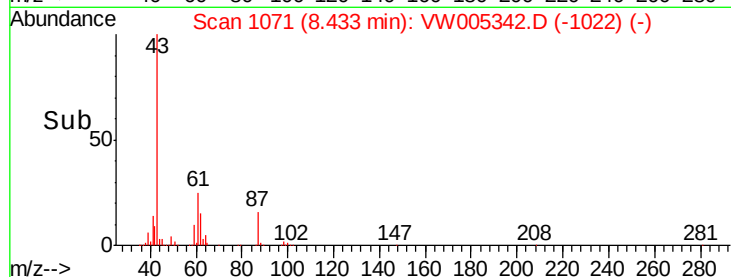
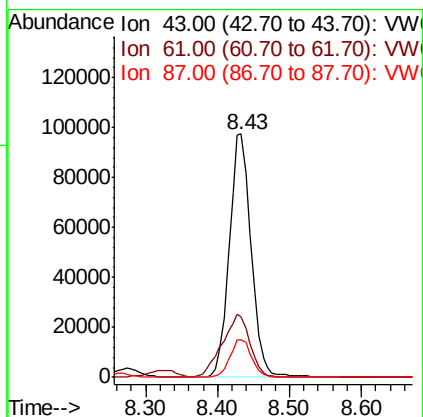
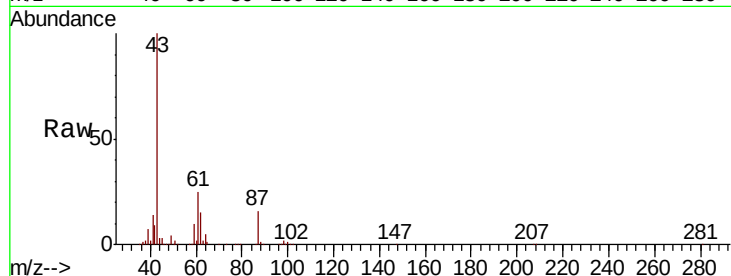
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	205607
Ion Ratio		Lower	Upper
43	100		
61	32.2	25.4	38.0
87	15.4	11.9	17.9

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#44

Trichloroethene

Concen: 51.35 ug/l

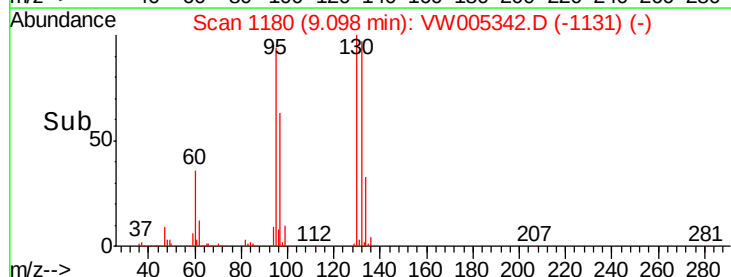
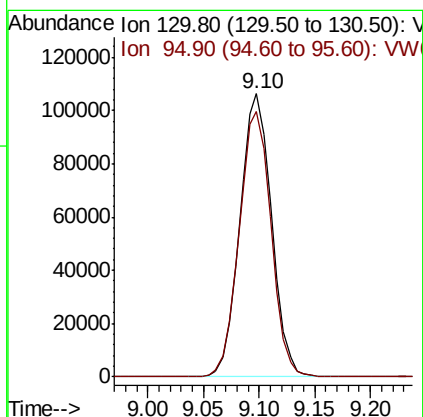
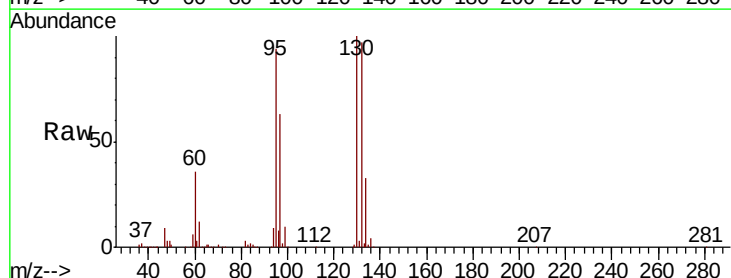
RT: 9.10 min Scan# 1180

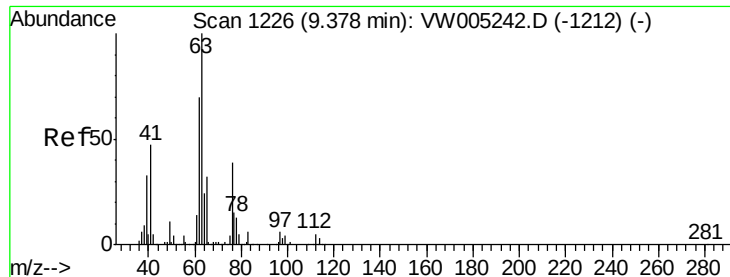
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	130	Resp:	210053
Ion Ratio		Lower	Upper
130	100		
95	93.8	0.0	189.6





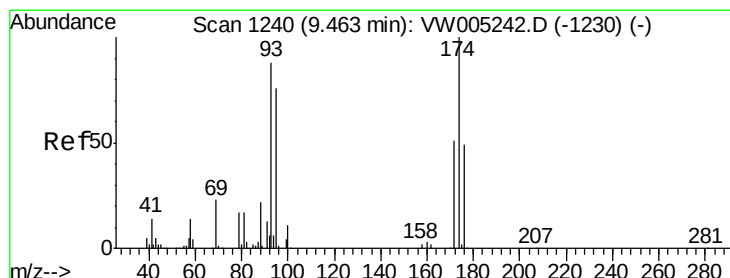
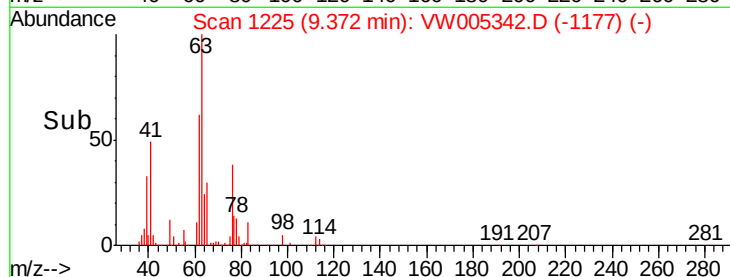
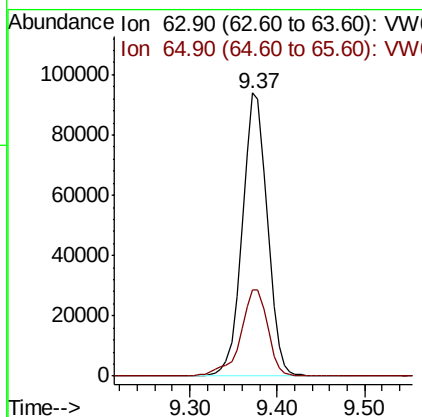
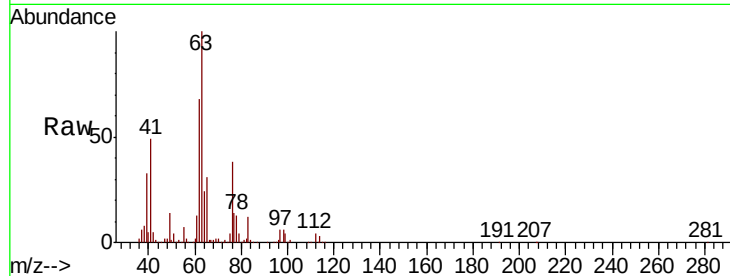
#45
 1,2-Dichloropropane
 Concen: 51.95 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.4	38.2

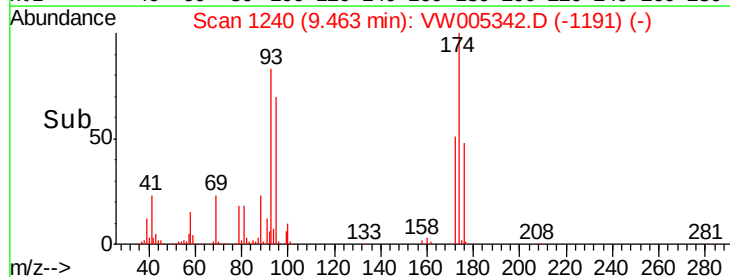
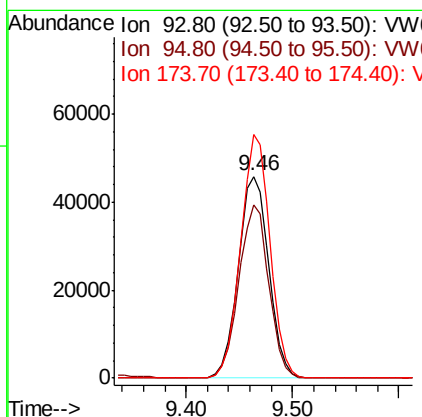
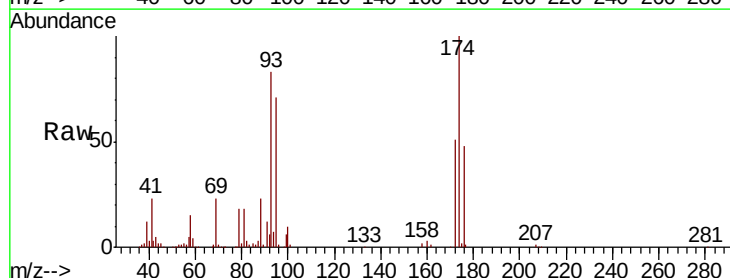
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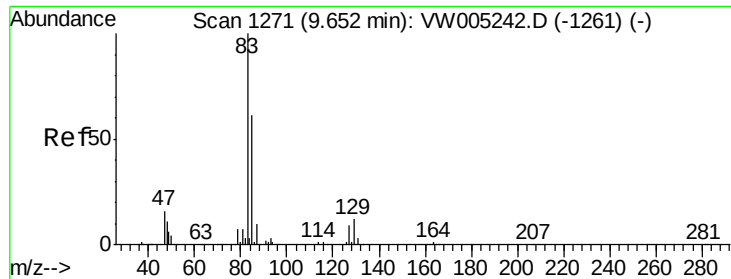
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#46
 Dibromomethane
 Concen: 52.44 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.0	100.4
174	117.0	92.2	138.2





#47

Bromodichloromethane

Concen: 51.69 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

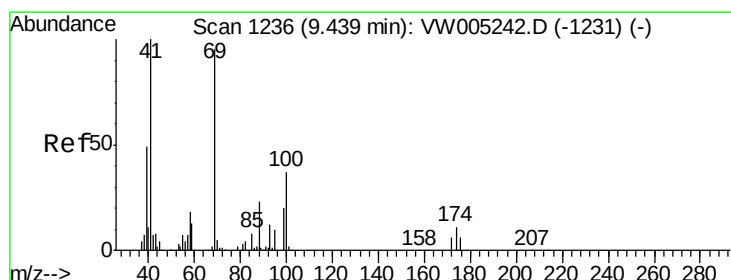
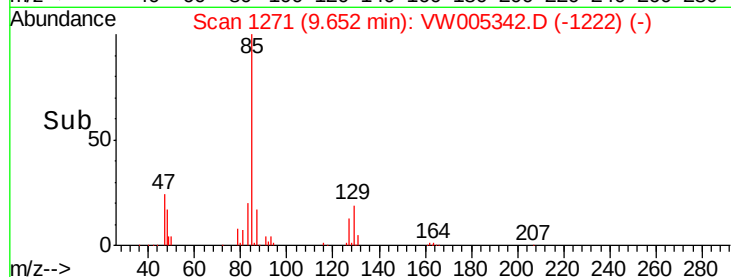
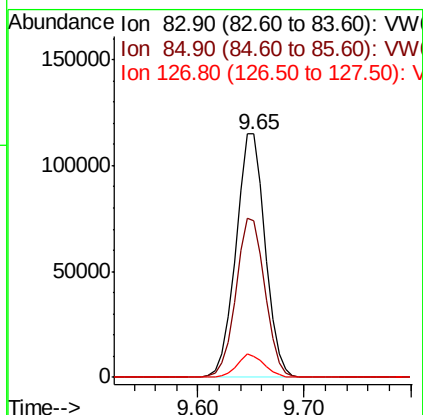
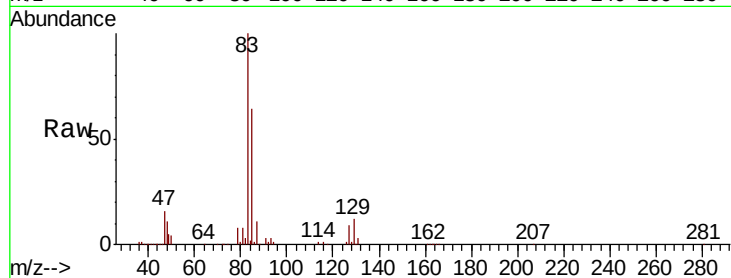
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	221826
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.0	73.6
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.75 ug/l

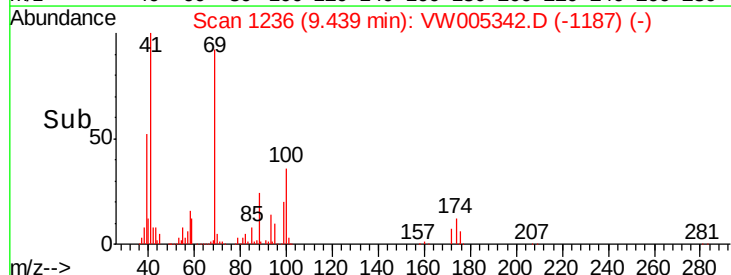
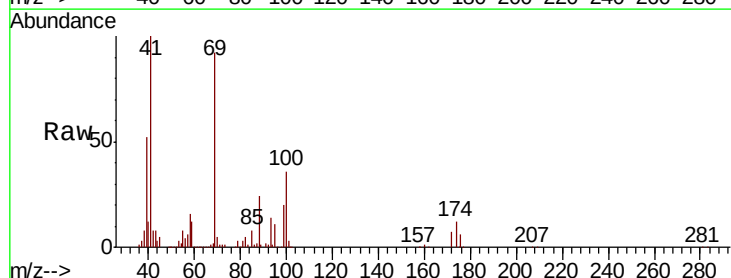
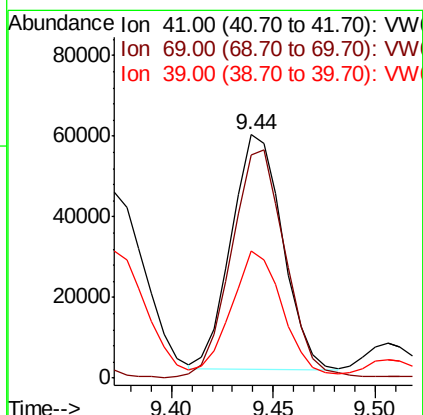
RT: 9.44 min Scan# 1236

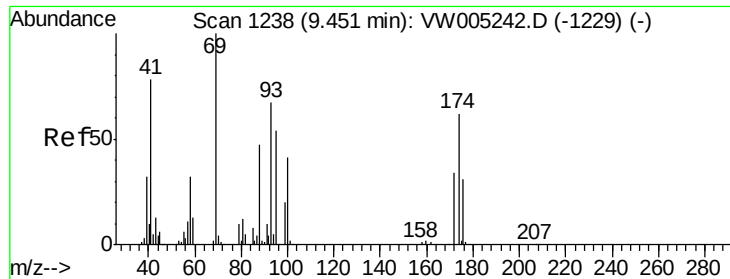
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	41	Resp:	101612
Ion Ratio	Lower	Upper	
41	100		
69	103.6	74.6	112.0
39	51.3	36.7	55.1





#49

1,4-Dioxane

Concen: 1274.61 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

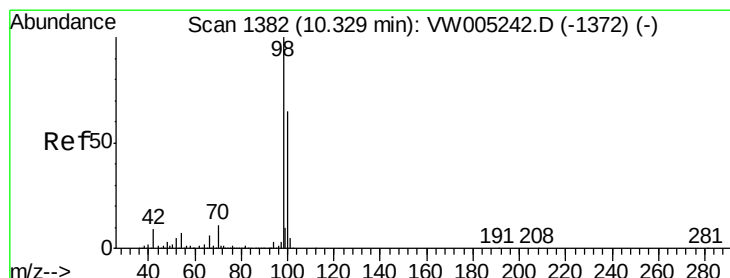
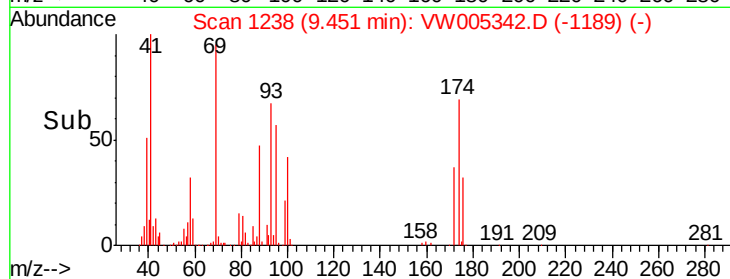
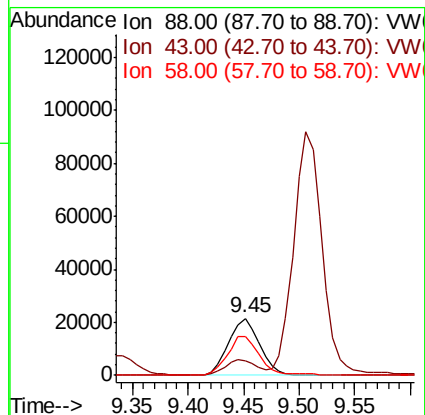
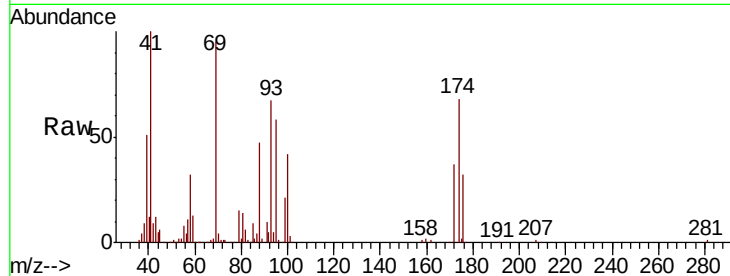
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	41745
Ion	Ratio	Lower	Upper
88	100		
43	26.2	22.7	34.1
58	69.4	56.6	85.0

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#50

Toluene-d8

Concen: 53.26 ug/l

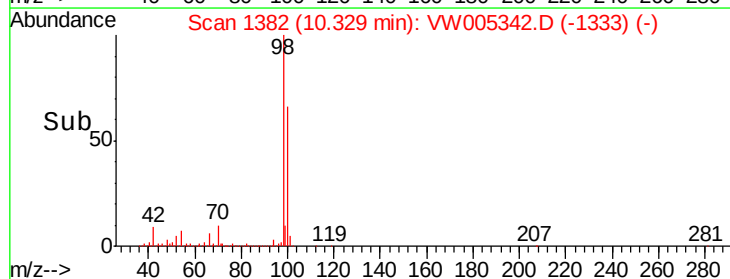
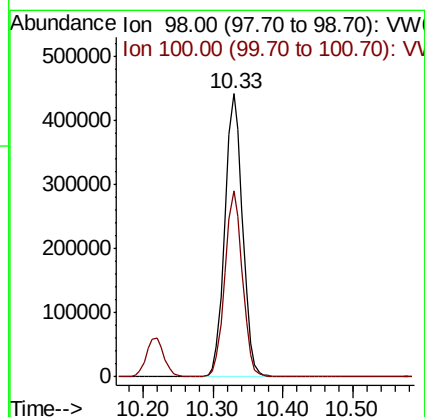
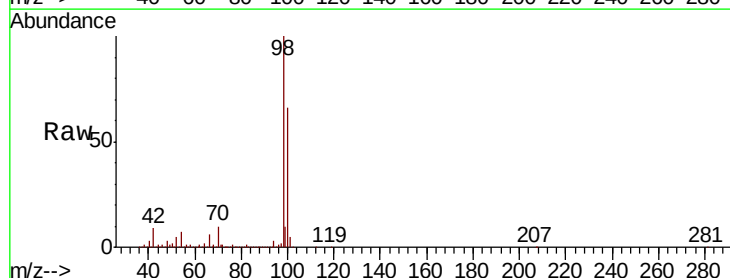
RT: 10.33 min Scan# 1382

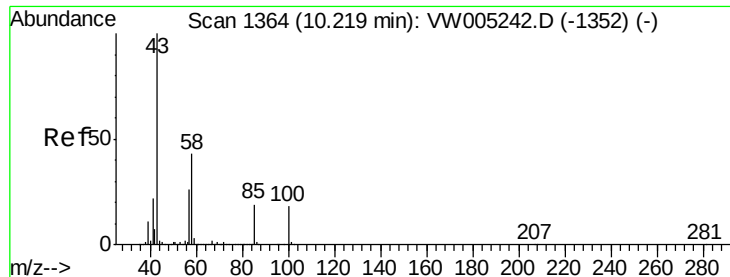
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	98	Resp:	778761
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0





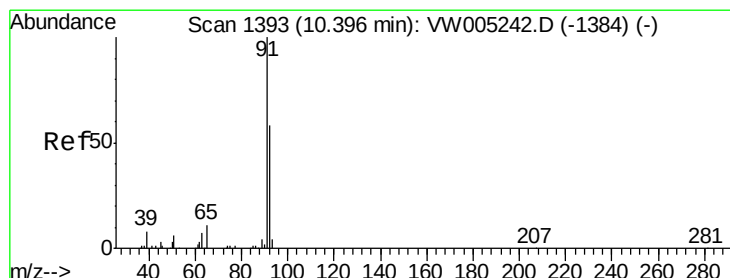
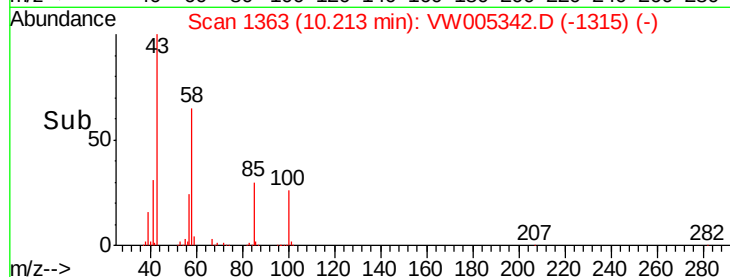
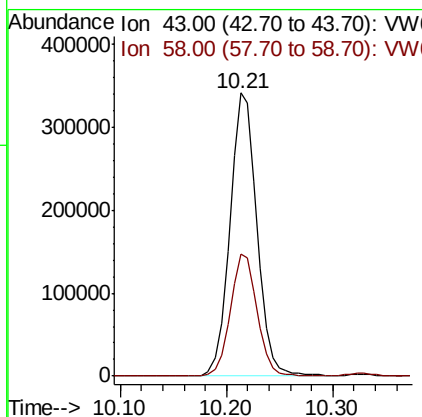
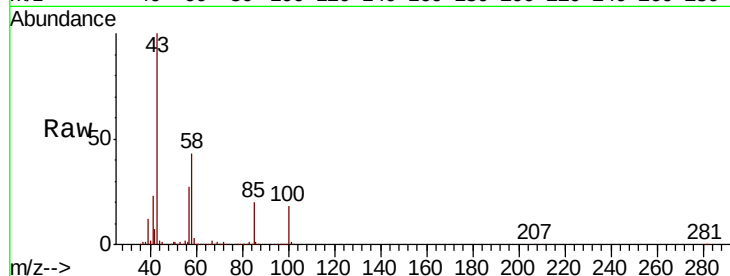
#51
 4-Methyl-2-Pentanone
 Concen: 300.90 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.9	33.8	50.6

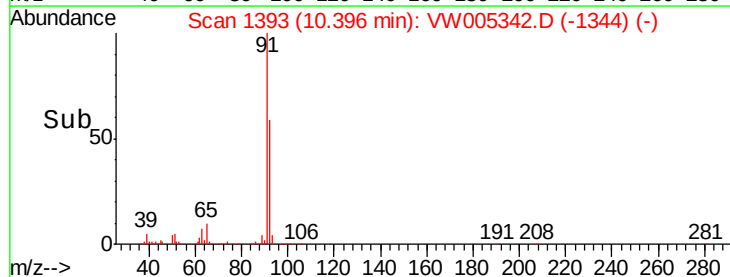
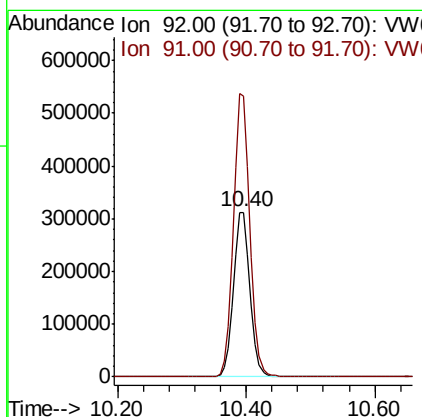
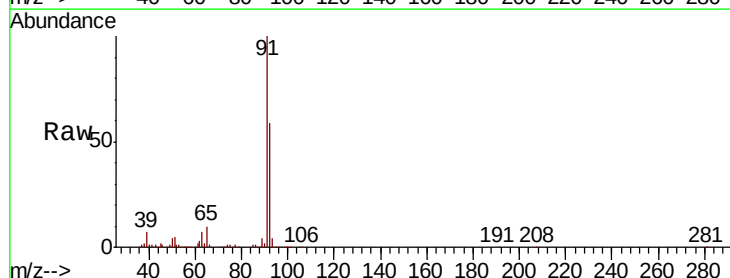
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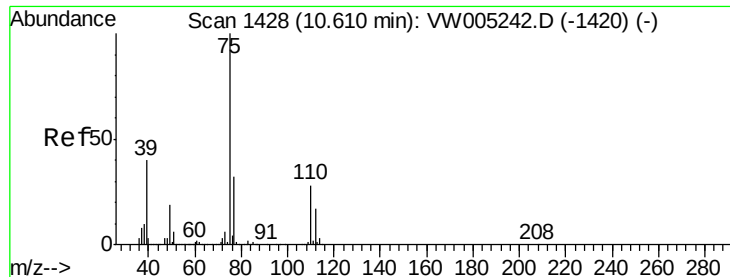
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#52
 Toluene
 Concen: 51.88 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.4	206.0





#53

t-1,3-Dichloropropene

Concen: 52.17 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 241955

Ion Ratio Lower Upper

75 100

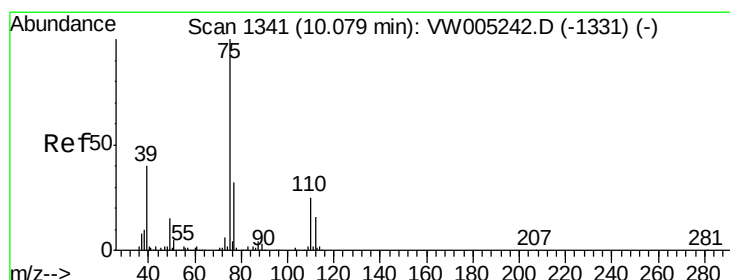
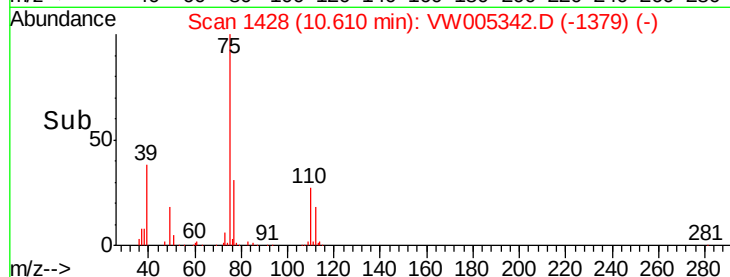
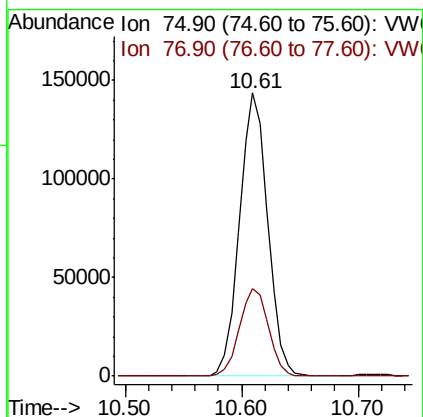
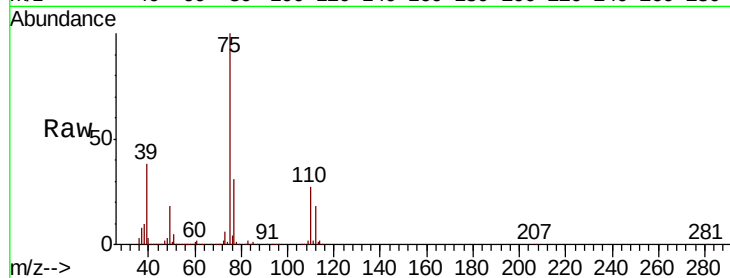
77 30.6 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 51.41 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

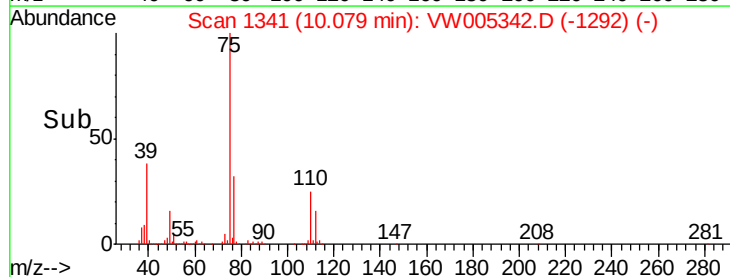
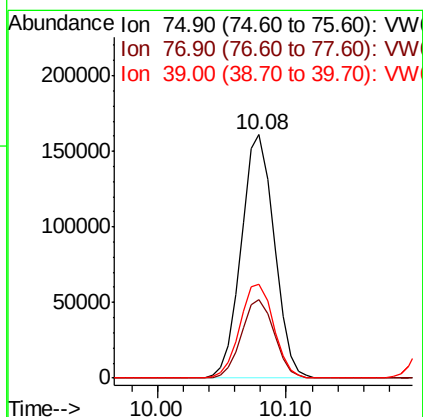
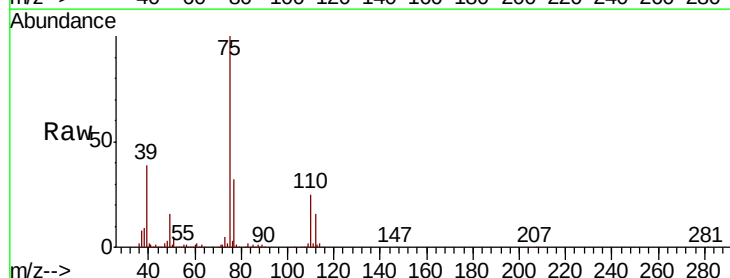
Tgt Ion: 75 Resp: 285515

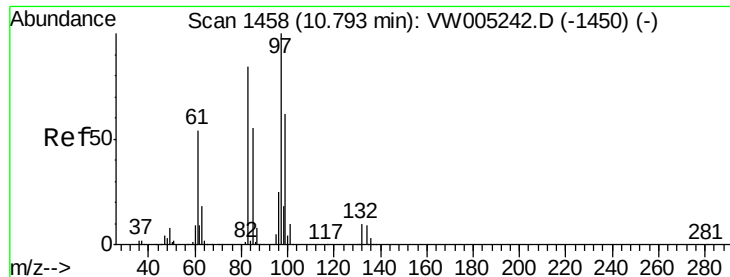
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 38.5 31.8 47.6





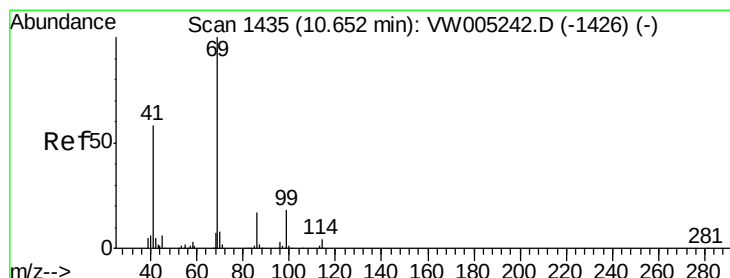
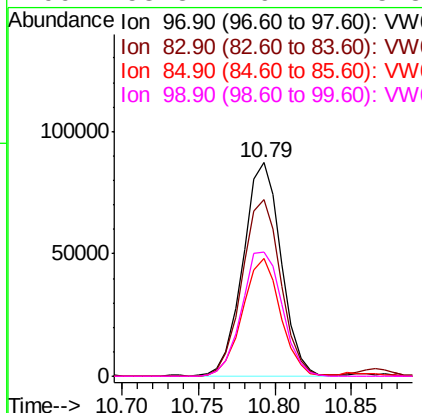
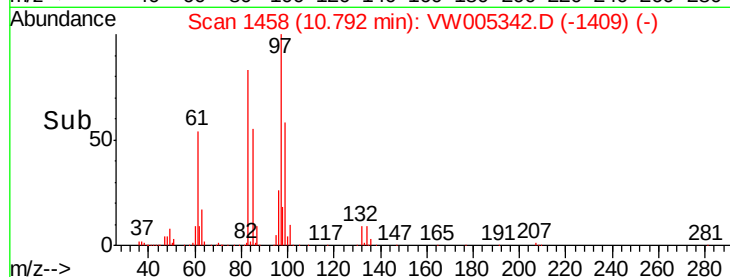
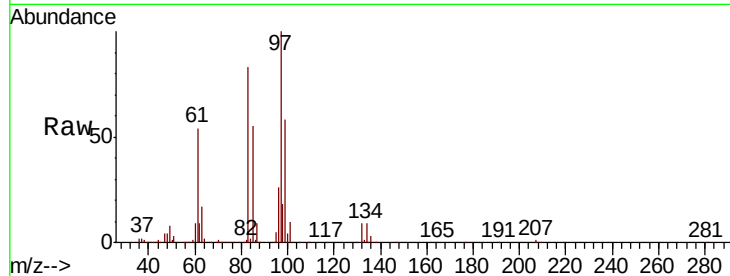
#55
 1,1,2-Trichloroethane
 Concen: 54.23 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	151691
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.2	100.8
85	54.9	44.4	66.6
99	58.3	49.2	73.8

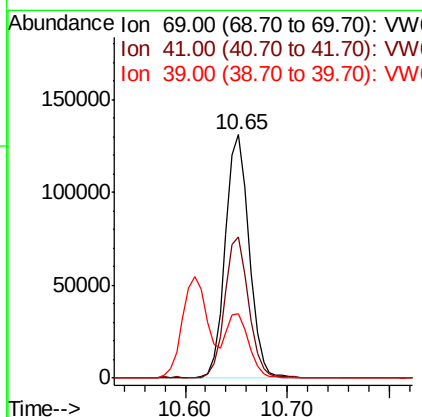
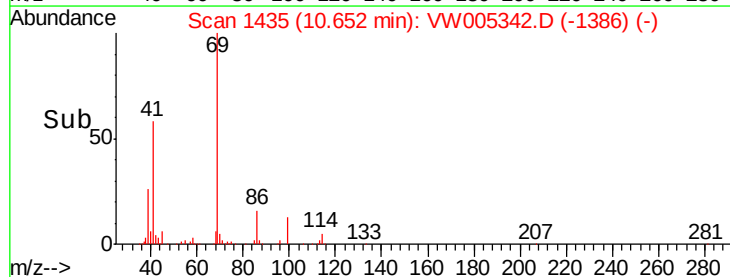
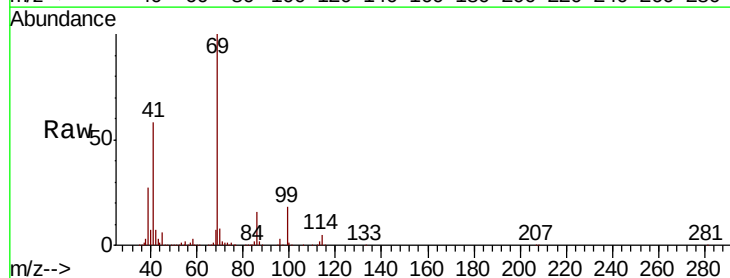
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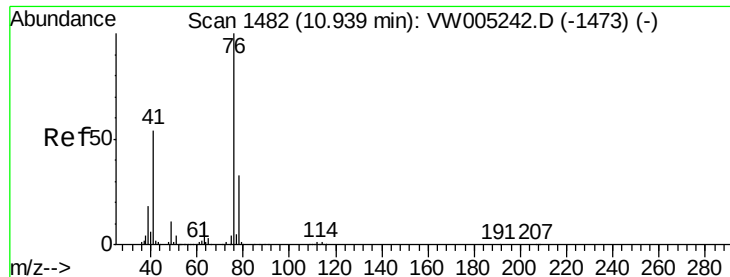
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#56
 Ethyl methacrylate
 Concen: 59.77 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion:	69	Resp:	211936
Ion	Ratio	Lower	Upper
69	100		
41	57.9	48.7	73.1
39	25.2	20.9	31.3





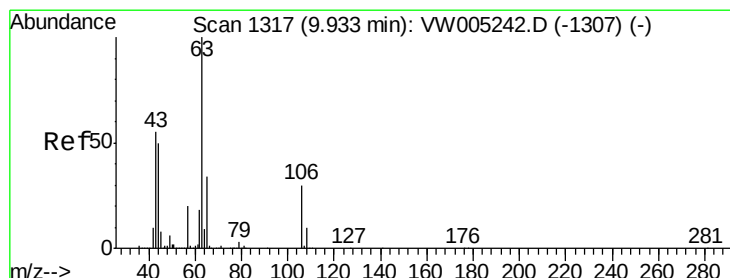
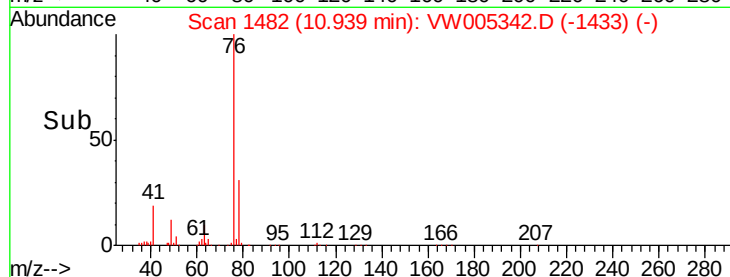
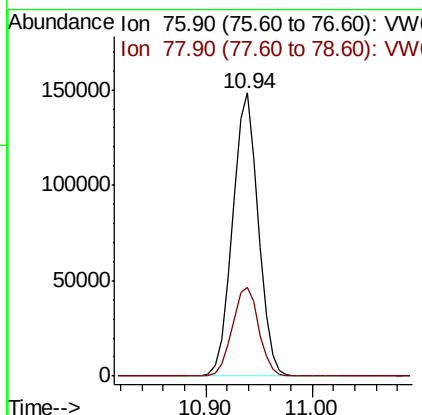
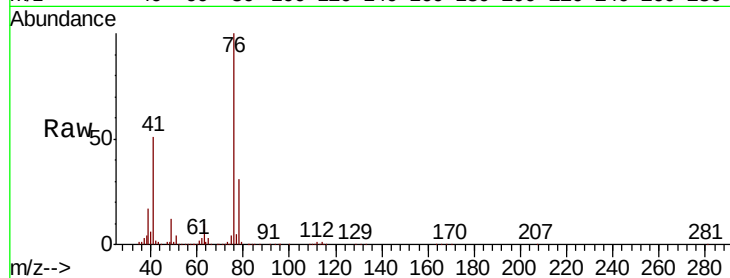
#57
 1,3-Dichloropropane
 Concen: 54.12 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

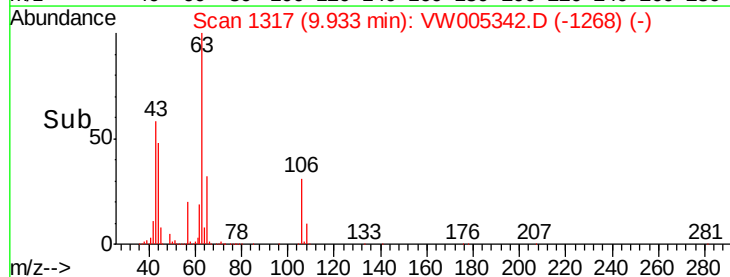
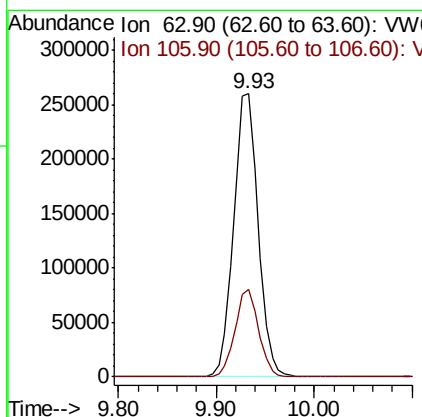
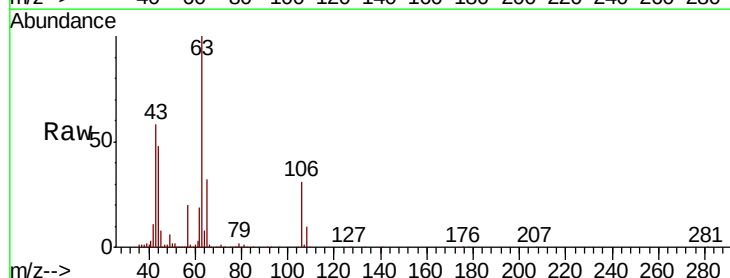
Manual Integrations
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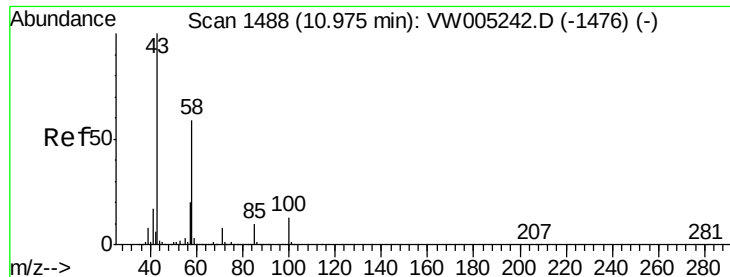
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#58
 2-Chloroethyl Vinyl ether
 Concen: 293.46 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.0





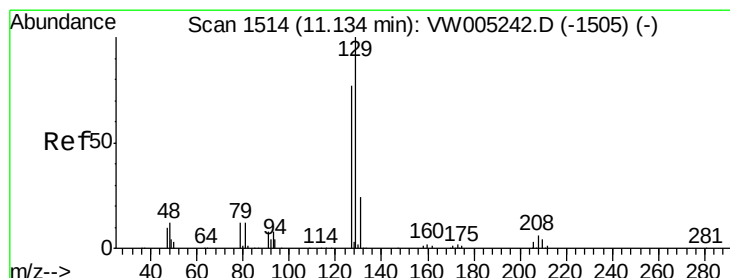
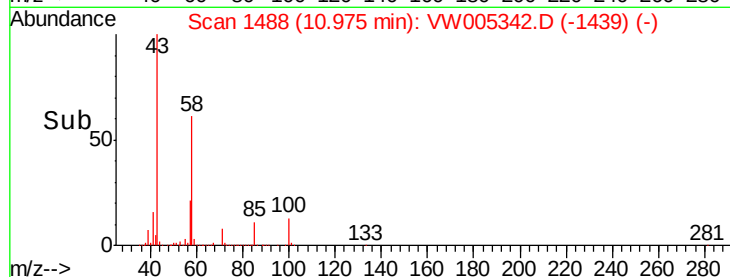
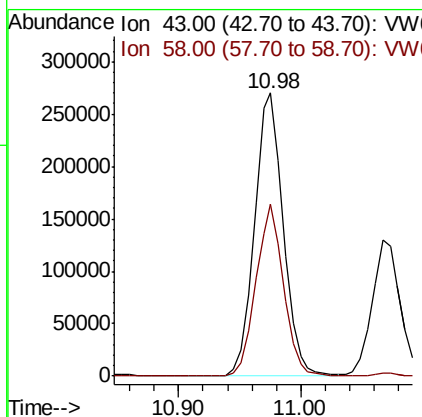
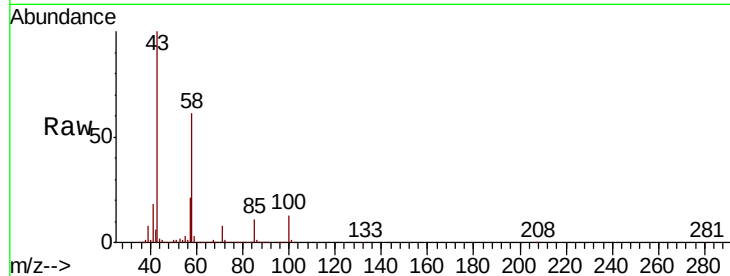
#59
2-Hexanone
Concen: 304.23 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 441197
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9

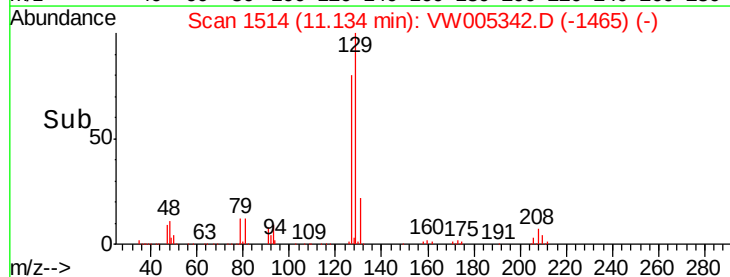
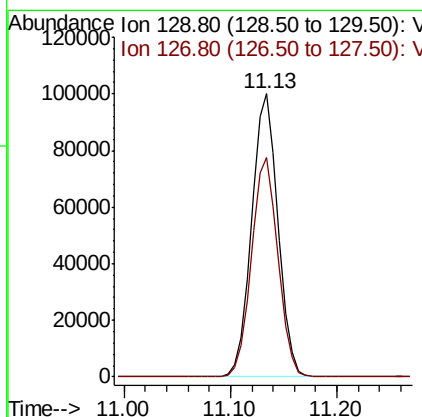
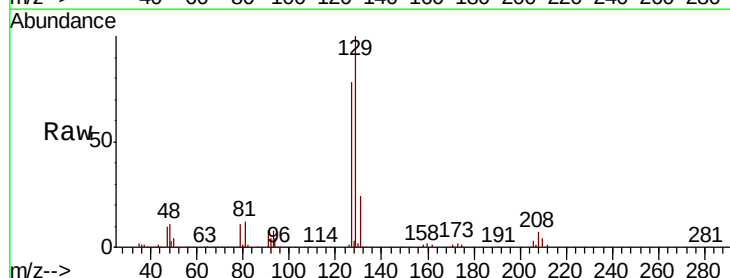
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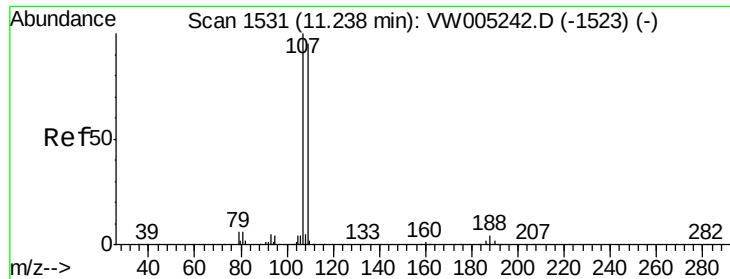
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#60
Dibromochloromethane
Concen: 55.68 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 129 Resp: 172811
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





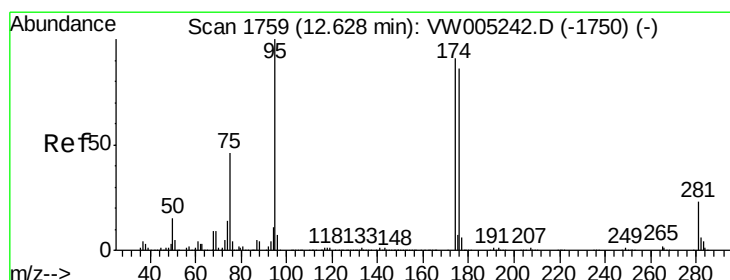
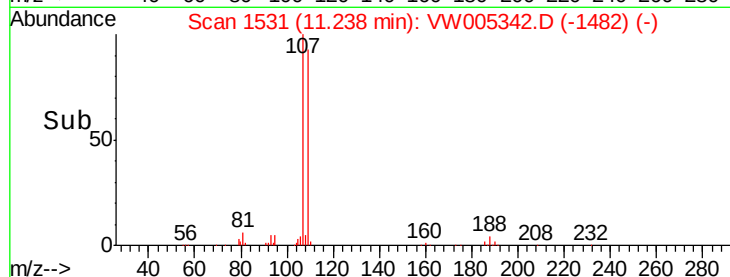
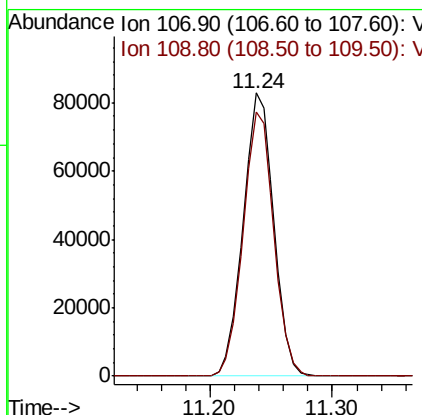
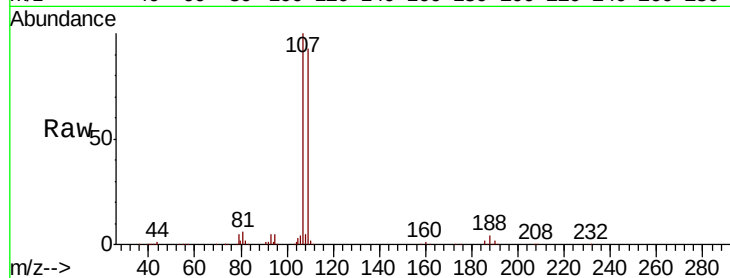
#61
 1,2-Dibromoethane
 Concen: 55.87 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.7	113.5

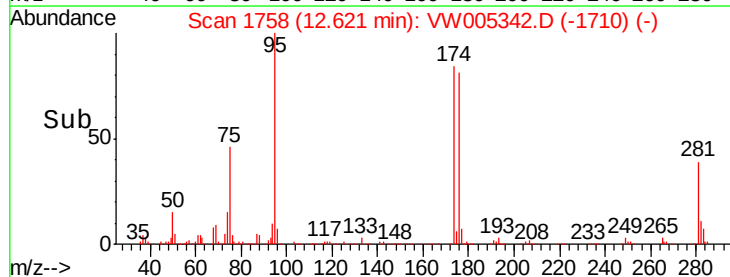
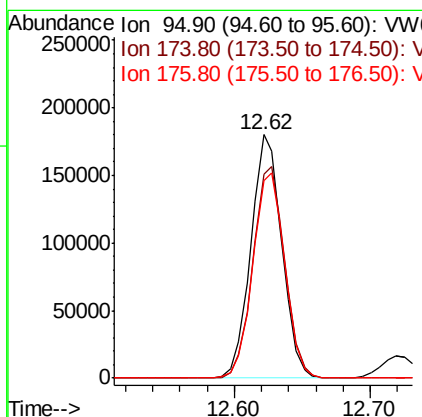
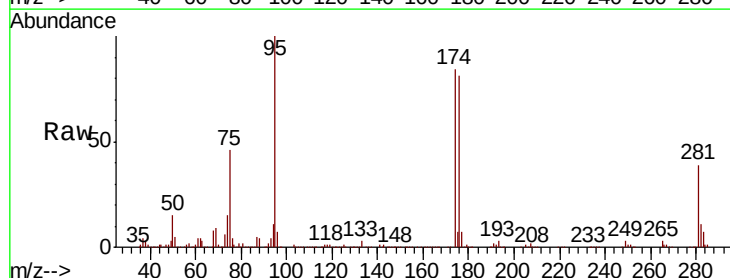
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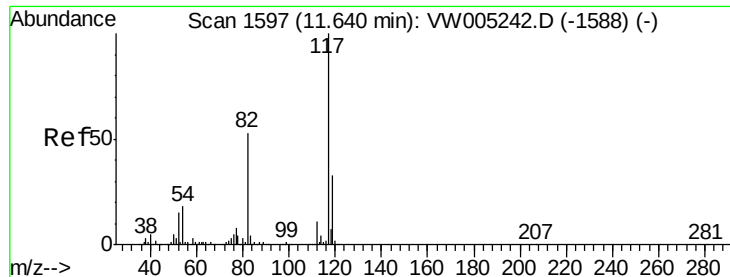
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.92 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	174.6
176	86.5	0.0	167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

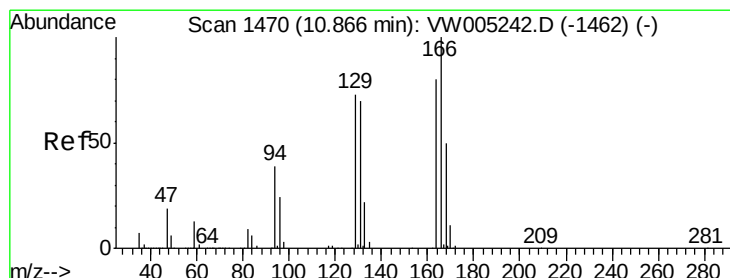
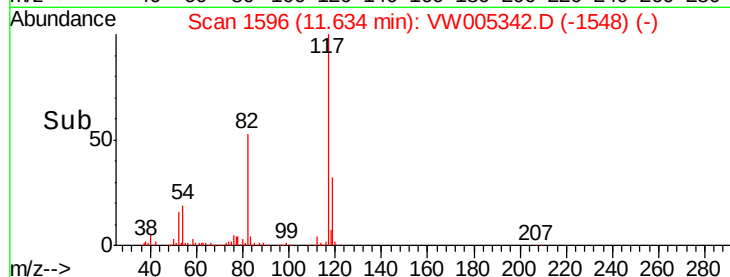
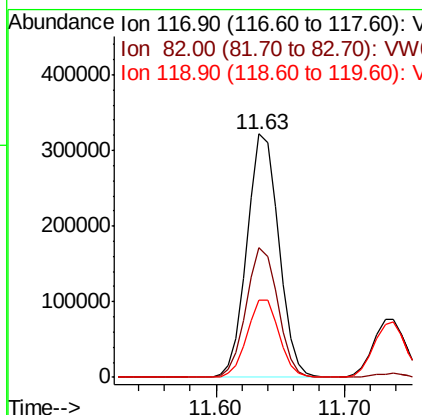
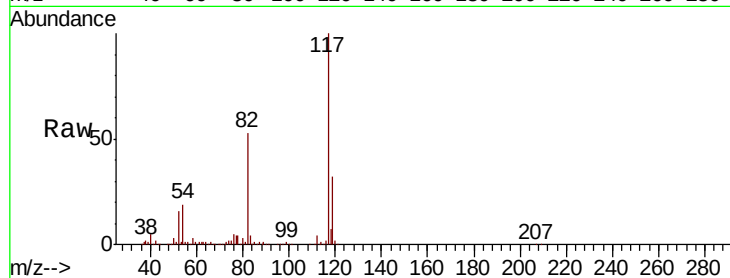
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	548309
Ion Ratio	Lower	Upper	
117	100		
82	53.2	42.6	63.8
119	31.7	26.2	39.4

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#64

Tetrachloroethene

Concen: 57.48 ug/l

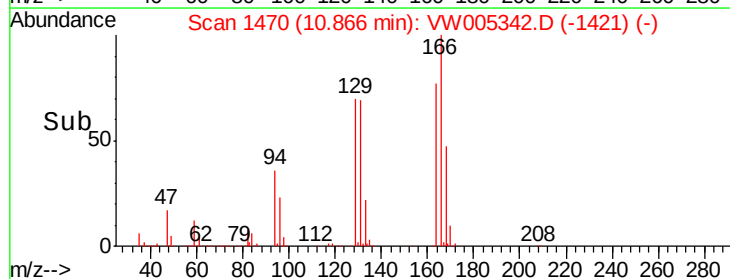
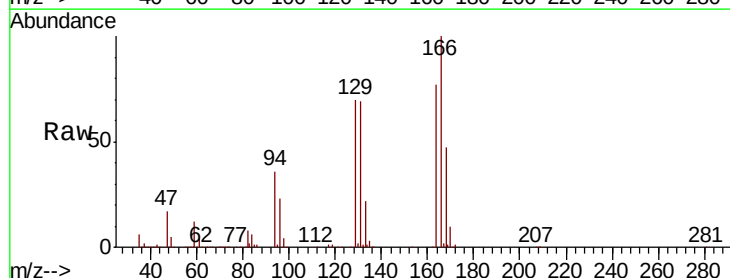
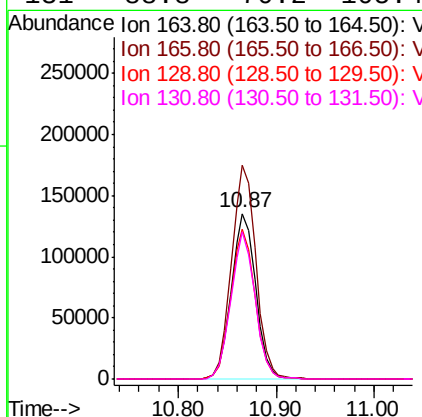
RT: 10.87 min Scan# 1470

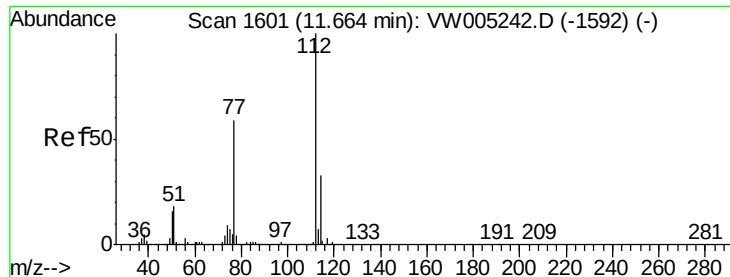
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	164	Resp:	233810
Ion Ratio	Lower	Upper	
164	100		
166	129.3	100.2	150.2
129	90.3	73.2	109.8
131	88.8	70.2	105.4





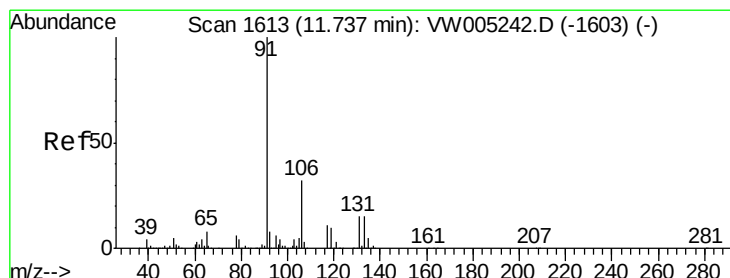
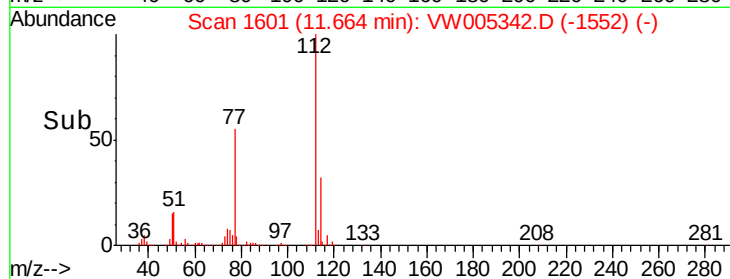
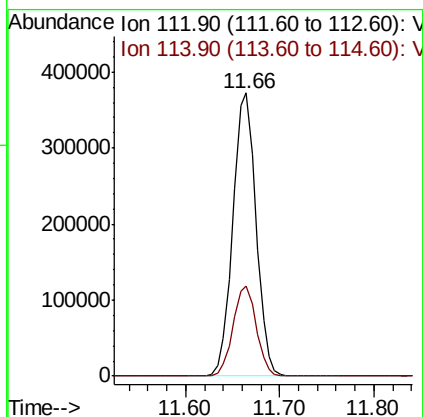
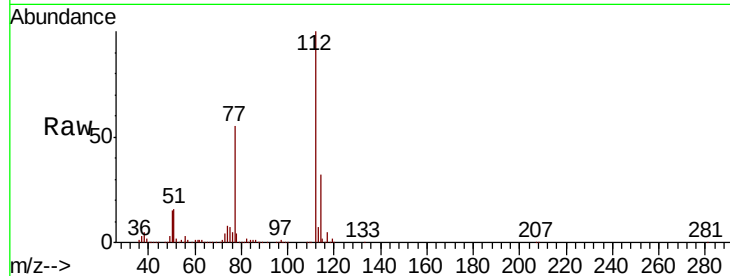
#65
Chlorobenzene
Concen: 52.89 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 635274
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4

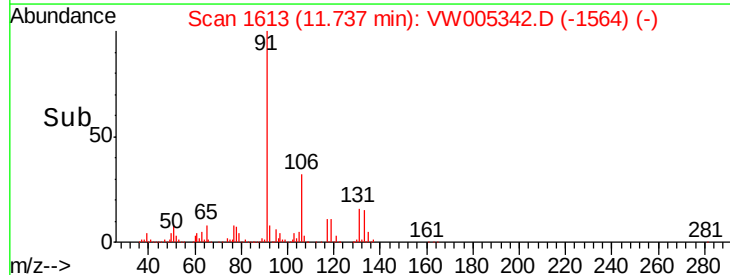
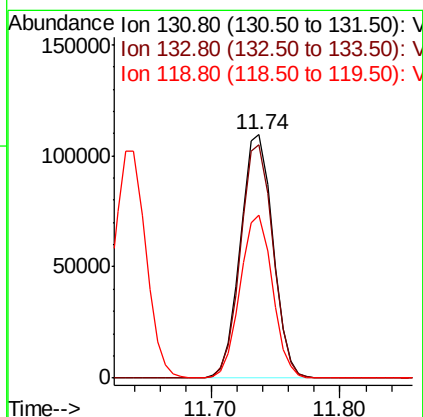
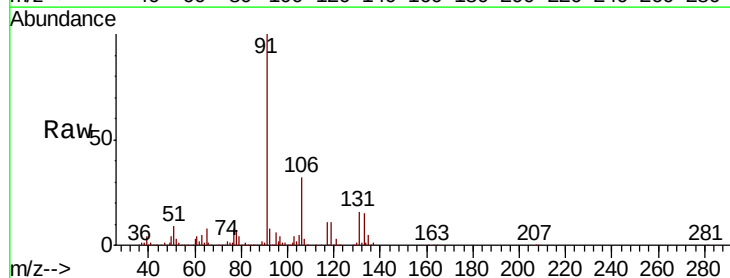
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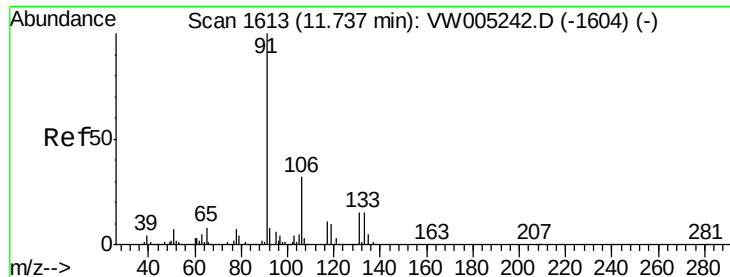
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.41 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:131 Resp: 191565
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 66.3 33.4 100.1





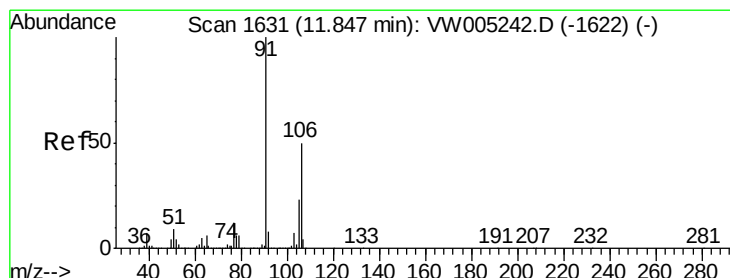
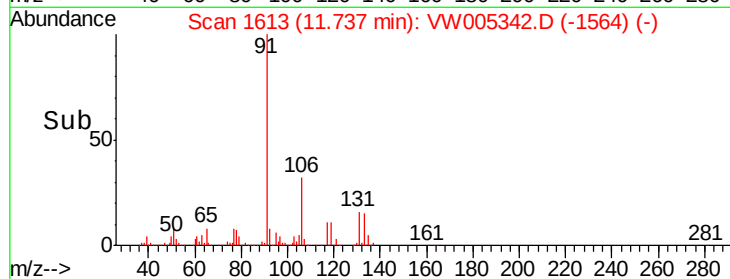
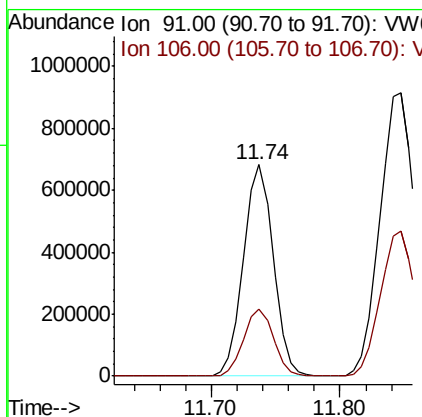
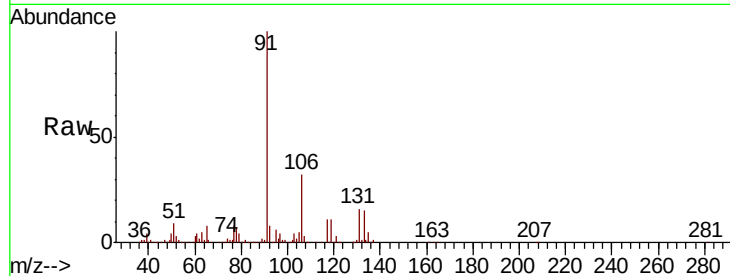
#67
Ethyl Benzene
Concen: 52.26 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1093239
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

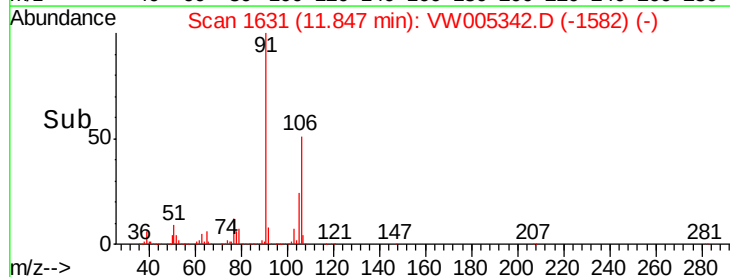
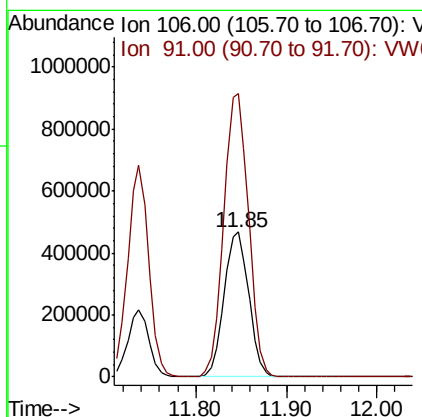
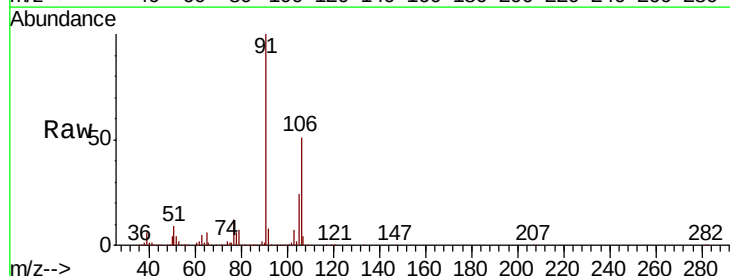
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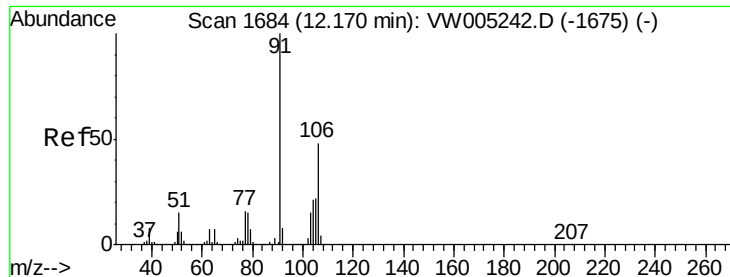
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#68
m/p-Xylenes
Concen: 104.64 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 106 Resp: 882007
Ion Ratio Lower Upper
106 100
91 196.9 160.2 240.2





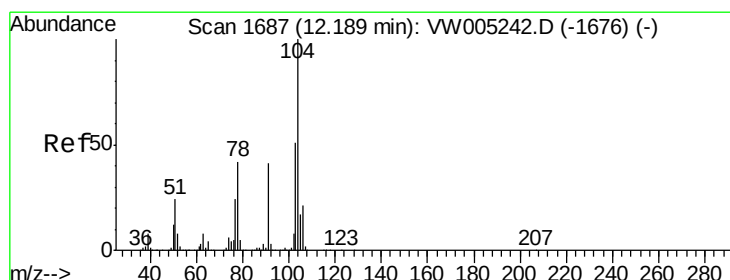
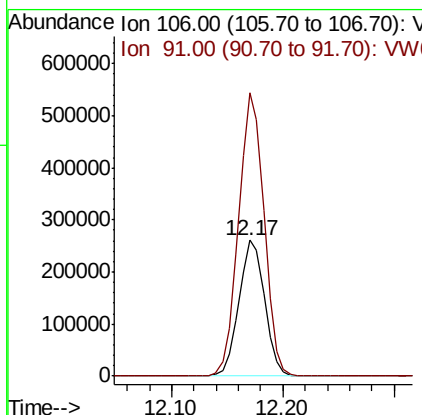
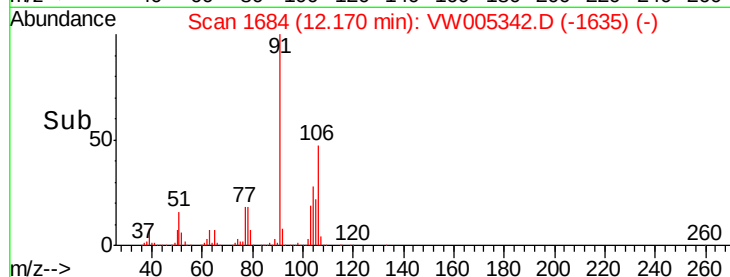
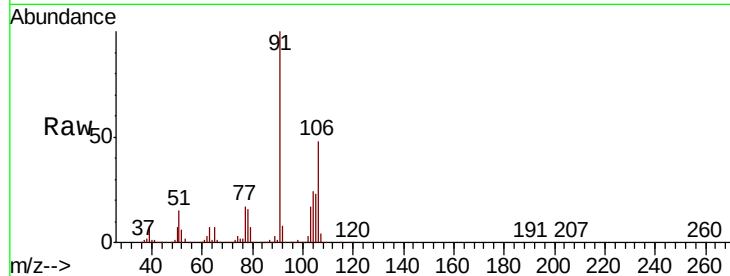
#69
o-Xylene
Concen: 53.16 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 416900
Ion Ratio Lower Upper
106 100
91 206.9 104.1 312.3

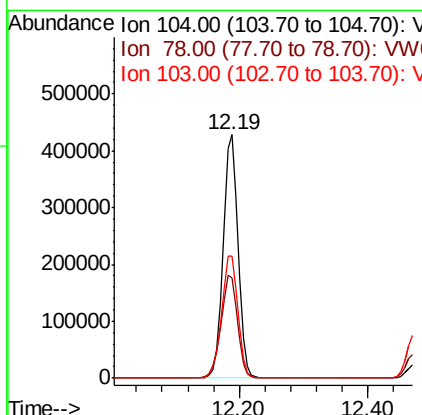
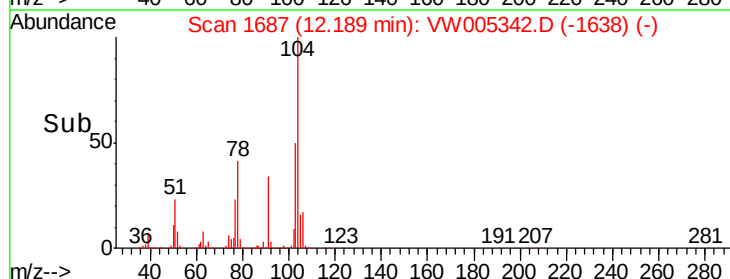
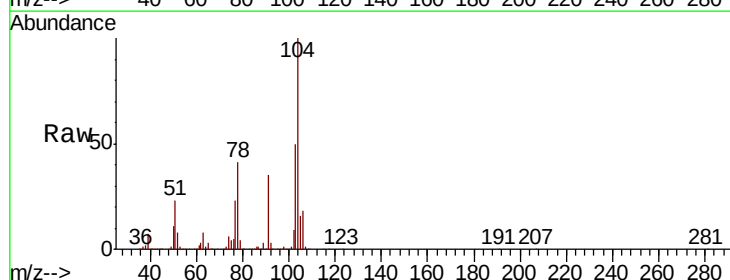
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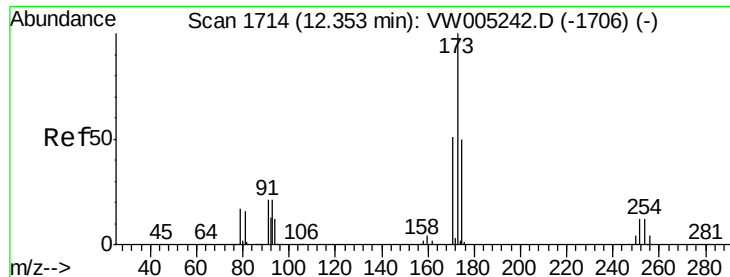
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#70
Styrene
Concen: 54.71 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:104 Resp: 700057
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 59.36 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

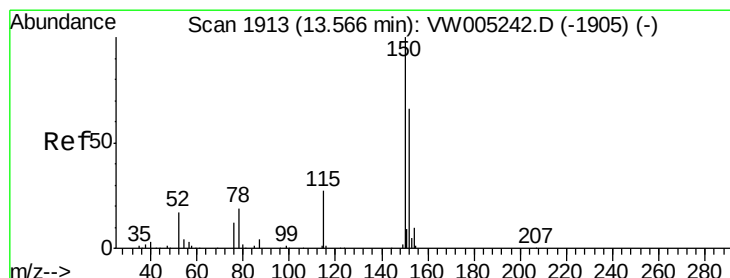
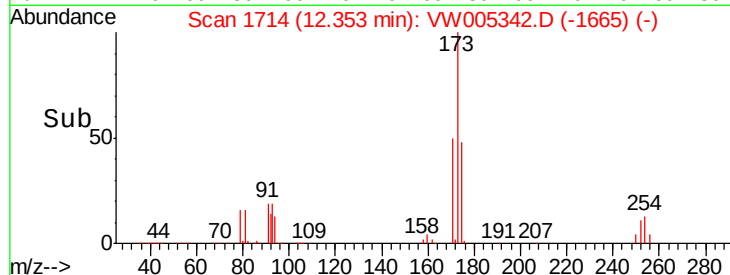
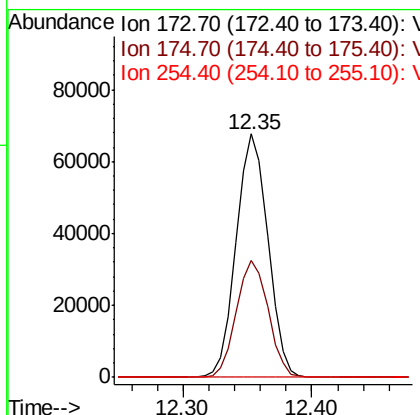
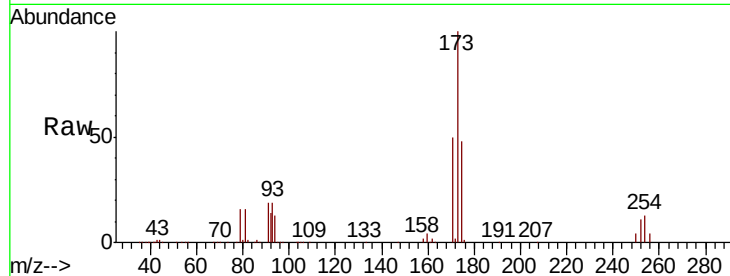
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	115433
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.9	74.6
254	0.1	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

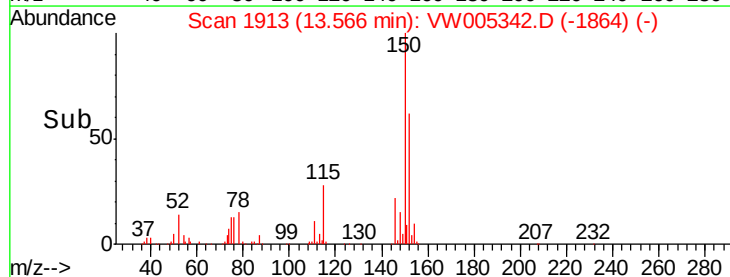
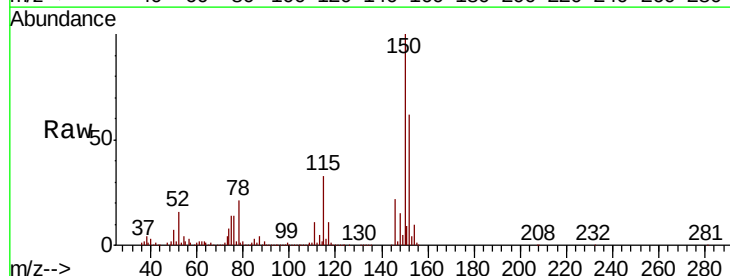
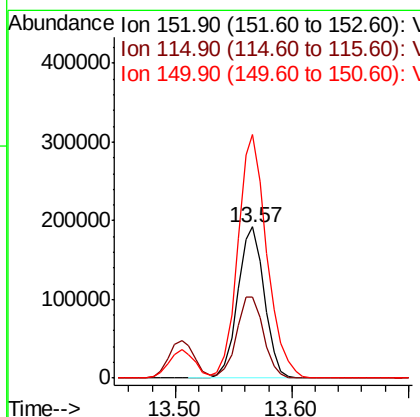
RT: 13.57 min Scan# 1913

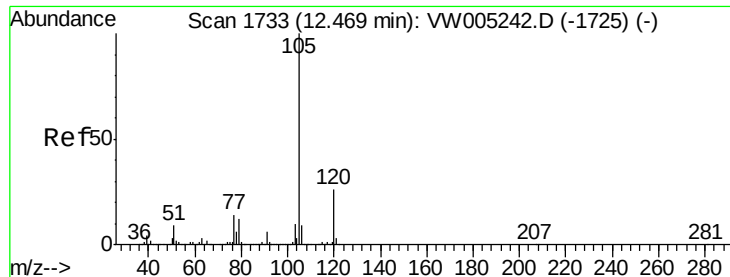
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	152	Resp:	304537
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.5	82.4
150	175.2	0.0	347.4





#73

Isopropylbenzene

Concen: 51.75 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1113508

Ion Ratio Lower Upper

105 100

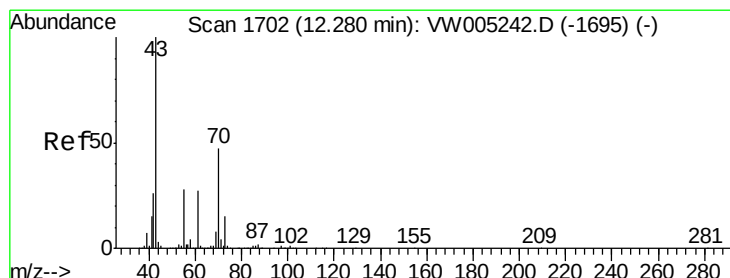
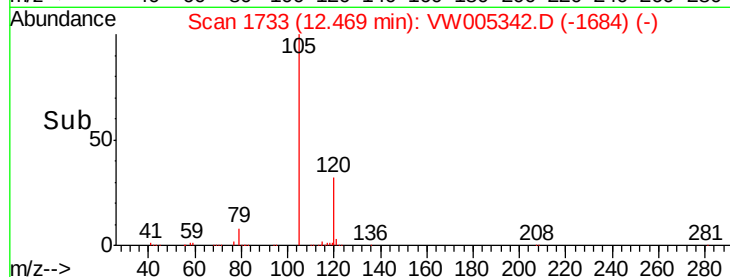
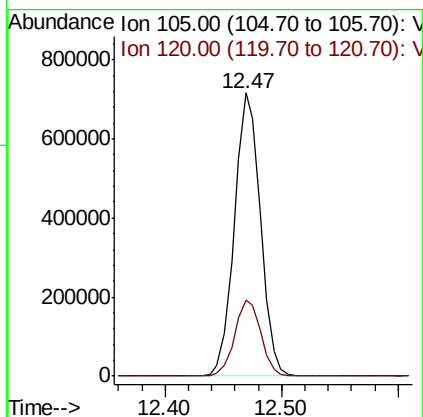
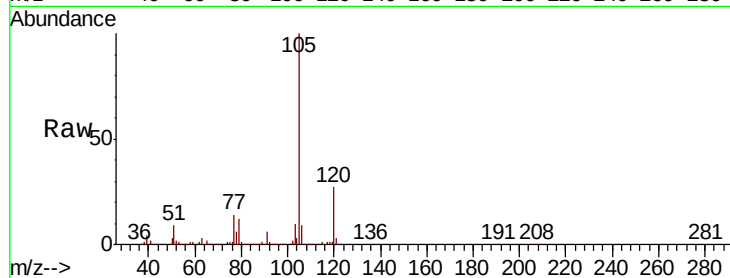
120 27.0 13.4 40.1

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#74

N-ethyl acetate

Concen: 58.02 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion: 43 Resp: 237532

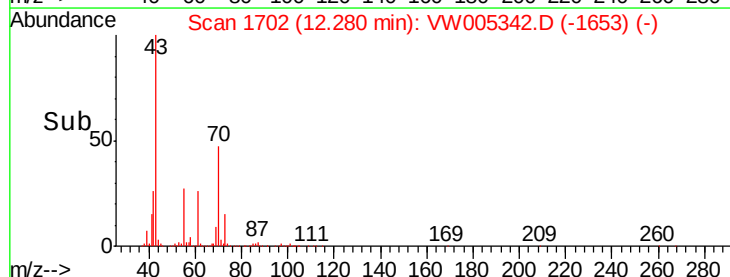
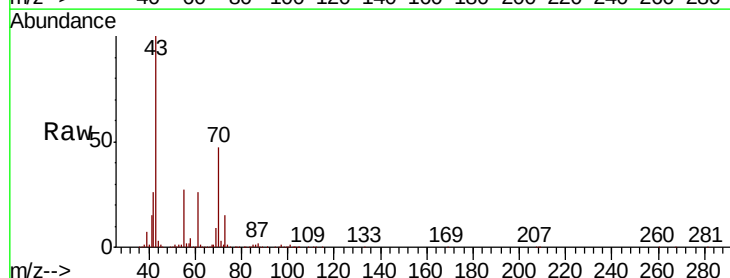
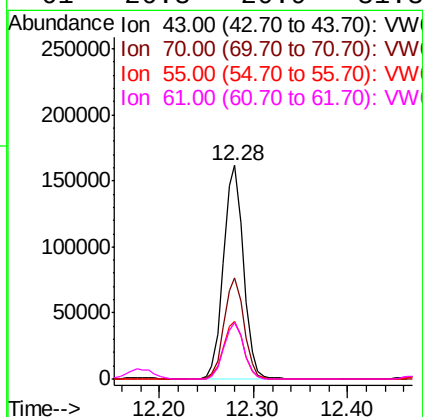
Ion Ratio Lower Upper

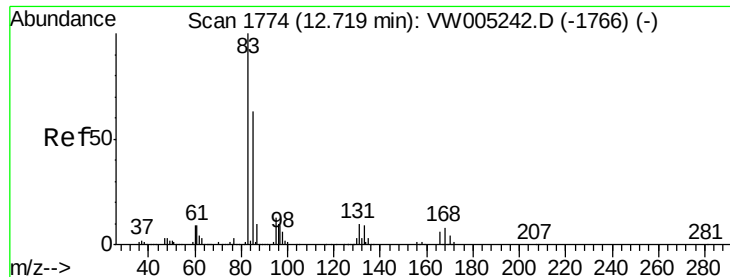
43 100

70 47.4 37.9 56.9

55 28.1 22.6 33.8

61 26.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.10 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

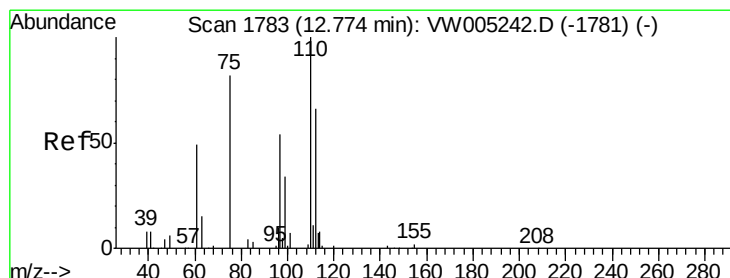
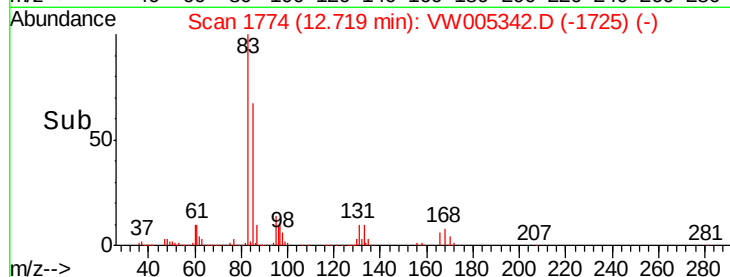
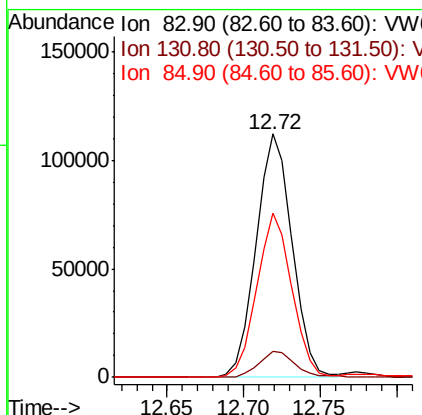
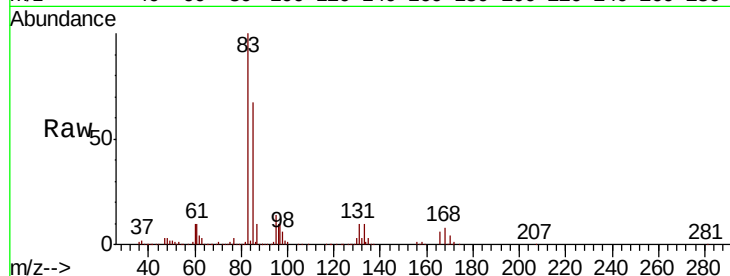
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184634
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.1	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 53.04 ug/l m

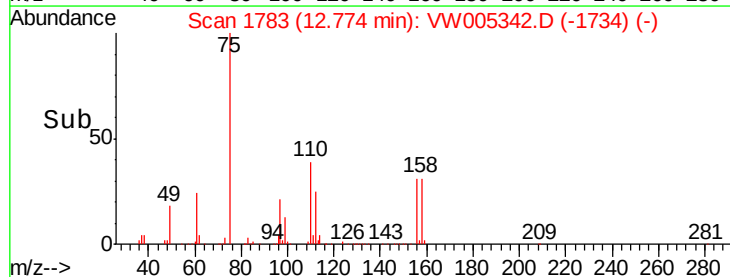
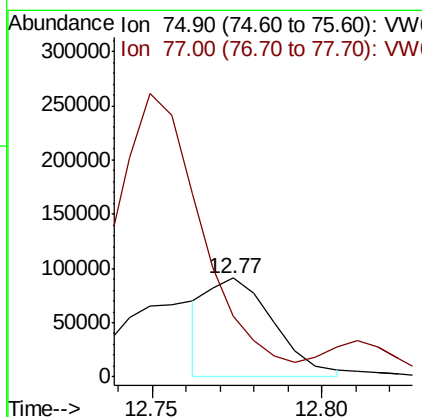
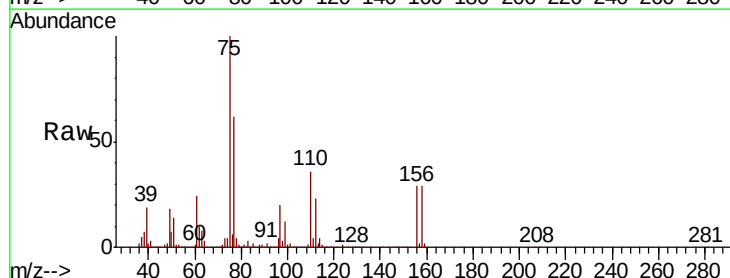
RT: 12.77 min Scan# 1783

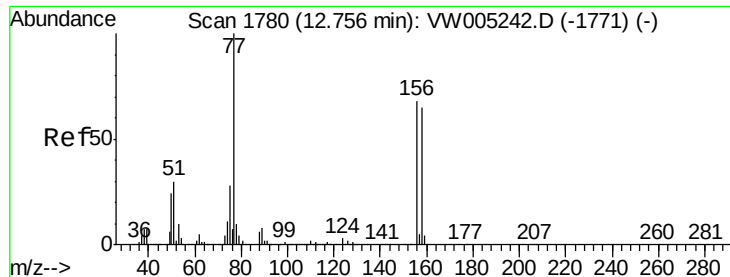
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	75	Resp:	124243
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.86 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

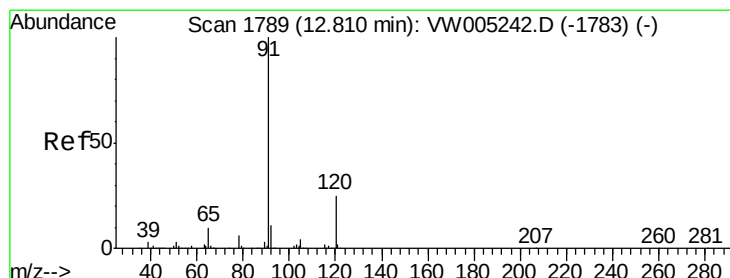
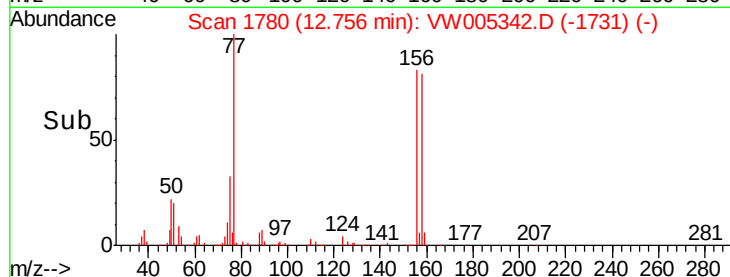
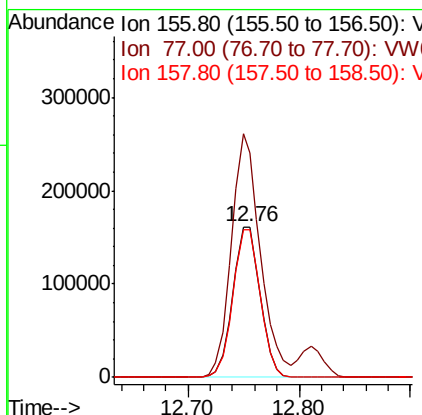
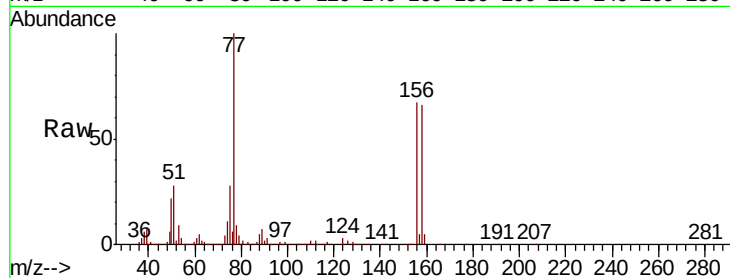
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	273002
Ion Ratio	Lower	Upper	
156	100		
77	171.8	86.3	258.8
158	98.4	48.6	145.8

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#78

n-propylbenzene

Concen: 51.30 ug/l

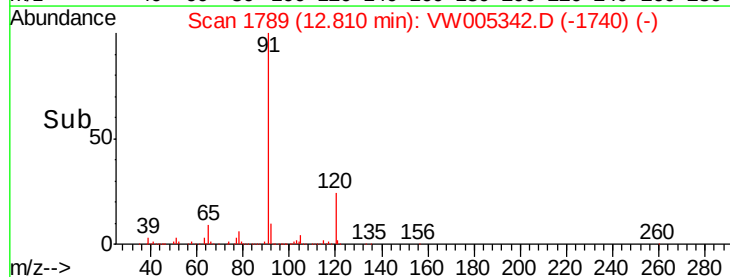
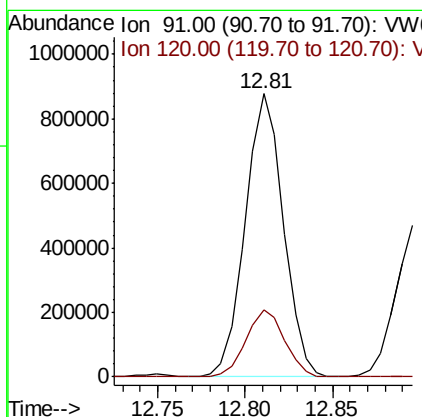
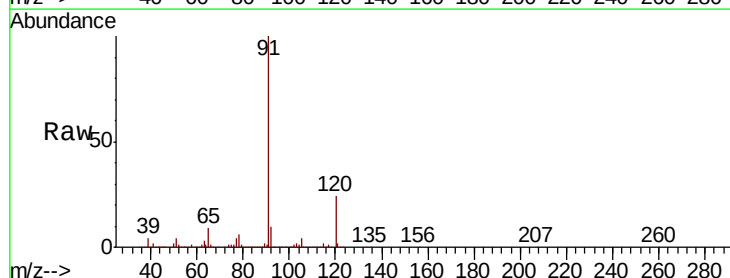
RT: 12.81 min Scan# 1789

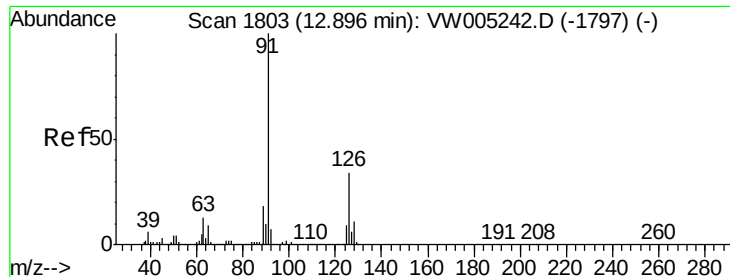
Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:	91	Resp:	1325793
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





#79

2-Chlorotoluene

Concen: 51.60 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 764694

Ion Ratio Lower Upper

91 100

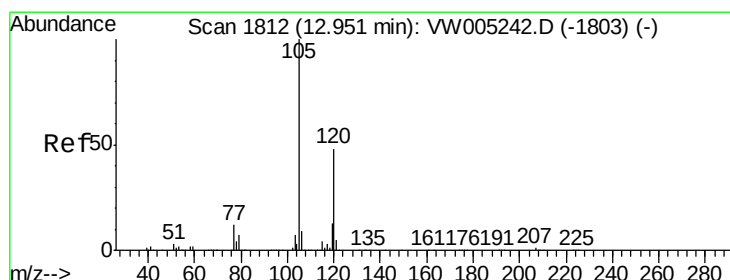
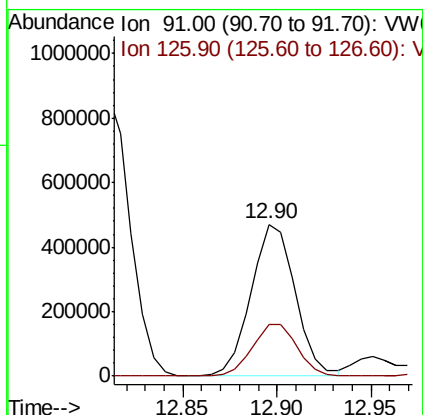
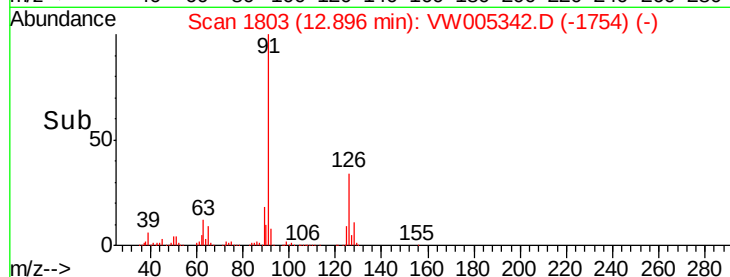
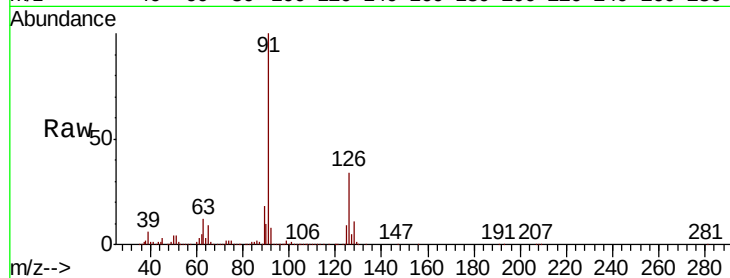
126 34.8 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 52.39 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005342.D

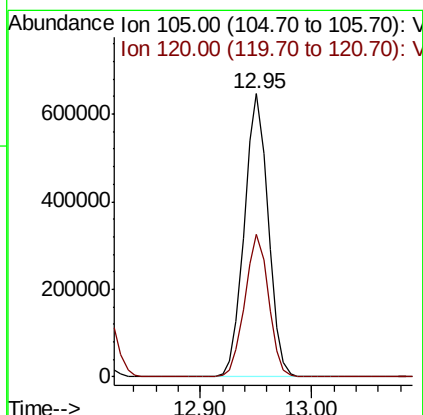
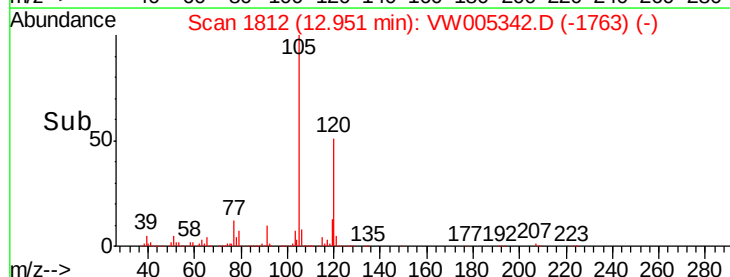
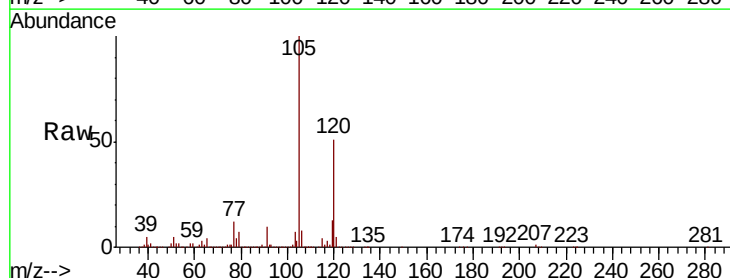
Acq: 12 Sep 2018 22:47

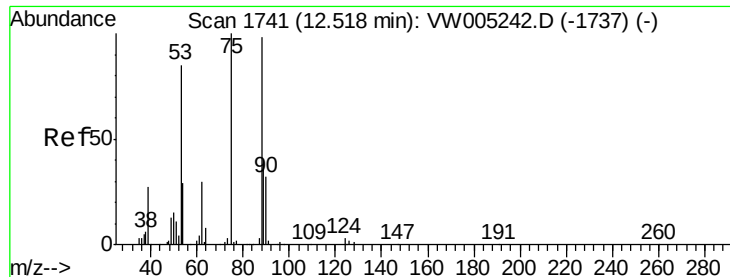
Tgt Ion: 105 Resp: 959826

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4





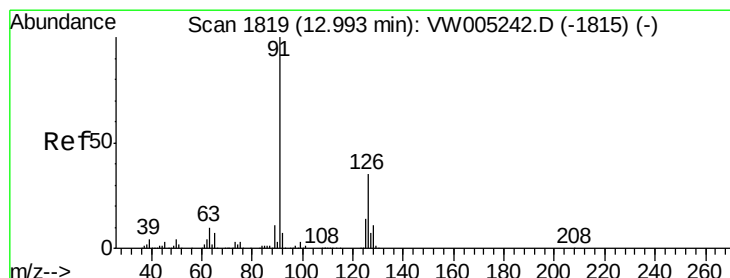
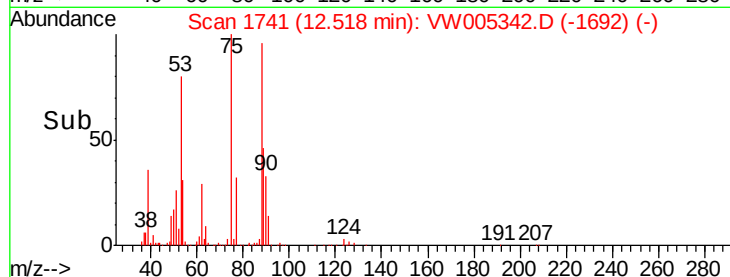
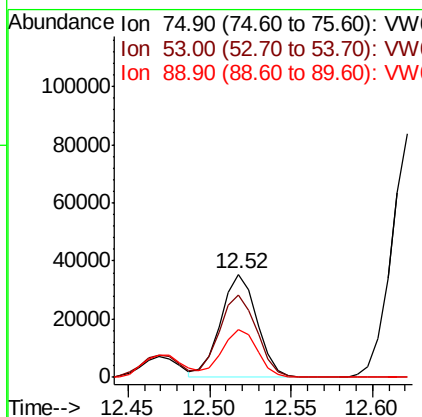
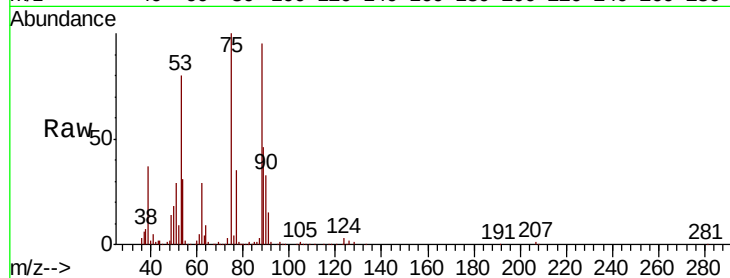
#81
trans-1,4-Dichloro-2-butene
Concen: 54.62 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.5	67.0	100.6
89	45.6	37.0	55.4

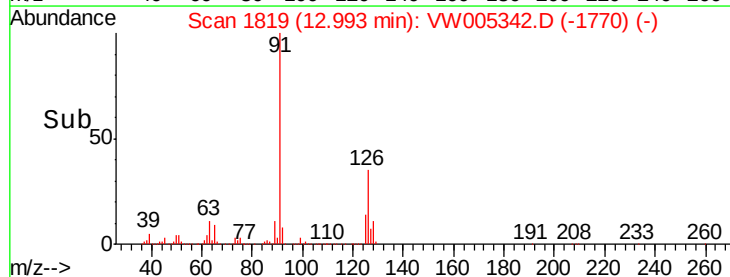
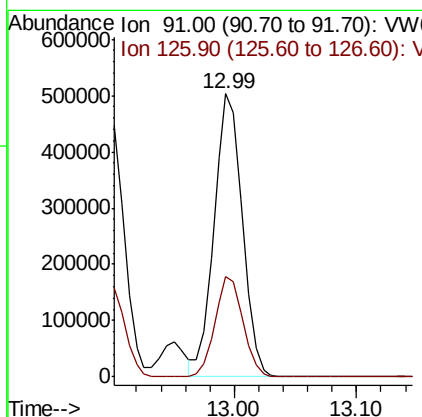
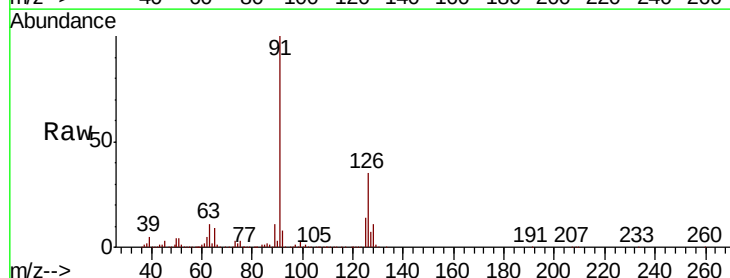
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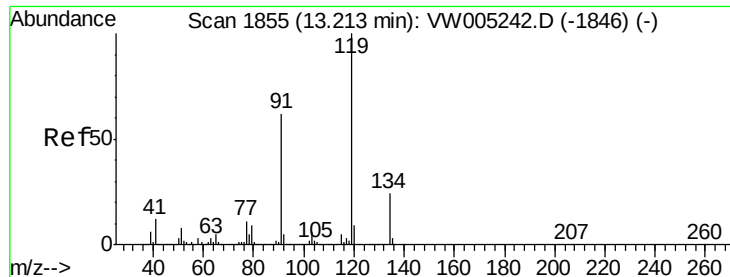
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#82
4-Chlorotoluene
Concen: 51.86 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.5	52.5





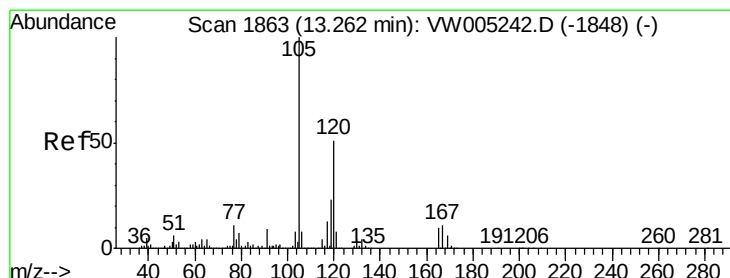
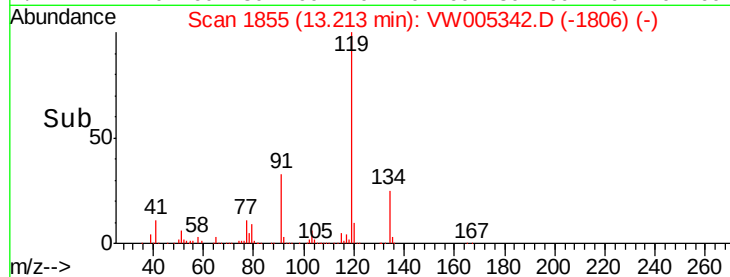
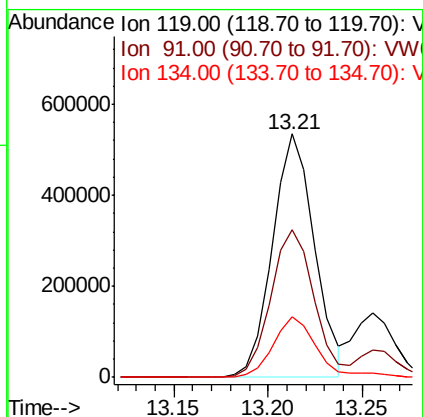
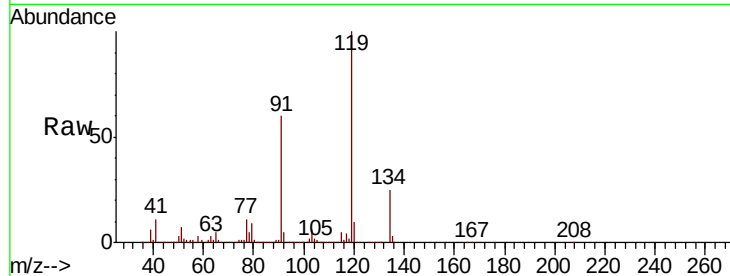
#83
 tert-Butylbenzene
 Concen: 51.52 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		825559		
91	62.8	31.7	95.1		
134	26.1	13.0	38.9		

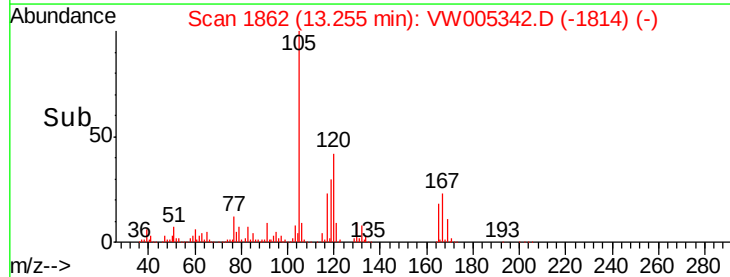
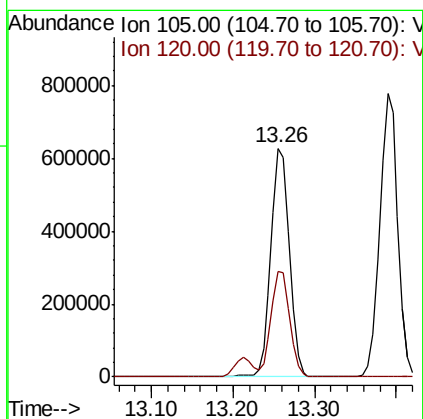
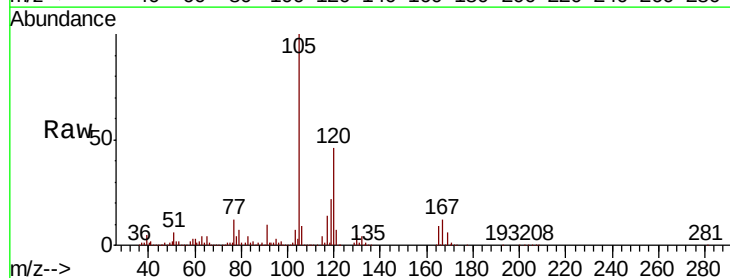
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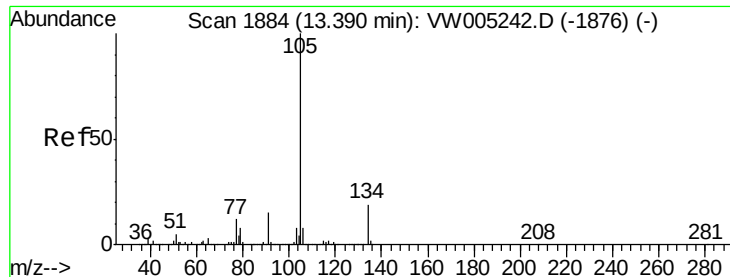
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.17 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		978963		
120	46.4	23.4	70.3		





#85

sec-Butylbenzene

Concen: 51.94 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1196268

Ion Ratio Lower Upper

105 100

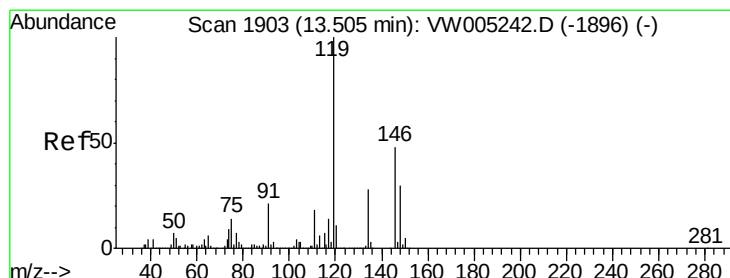
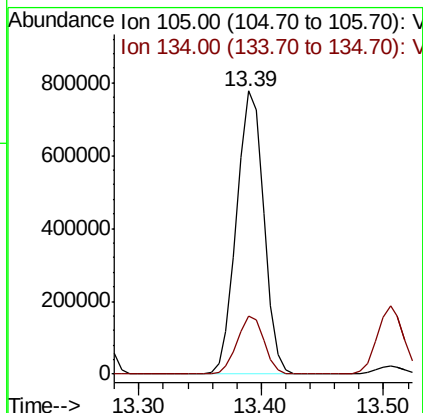
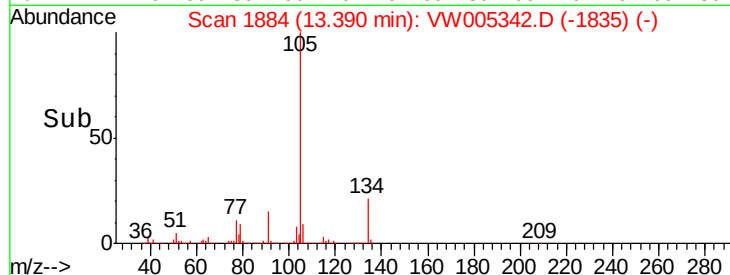
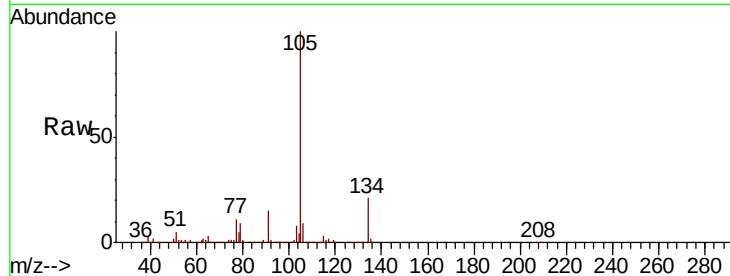
134 20.4 9.9 29.7

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#86

p-Isopropyltoluene

Concen: 52.20 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

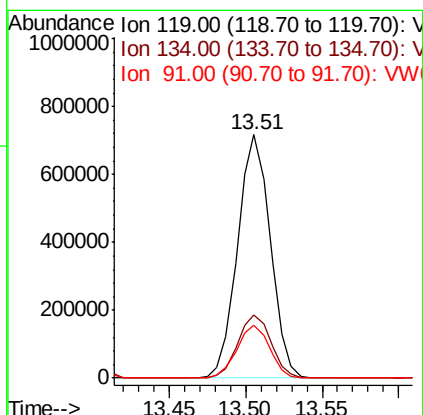
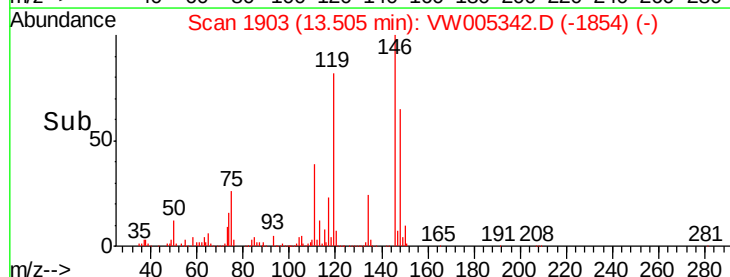
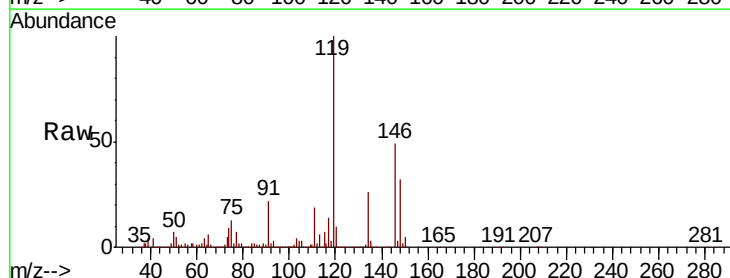
Tgt Ion:119 Resp: 1064124

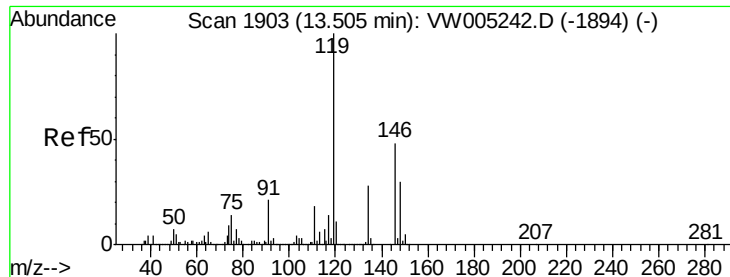
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 21.7 10.7 32.1





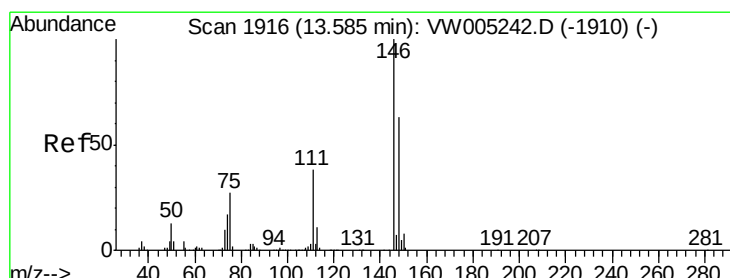
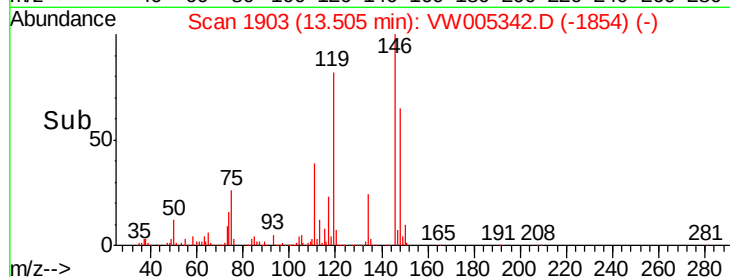
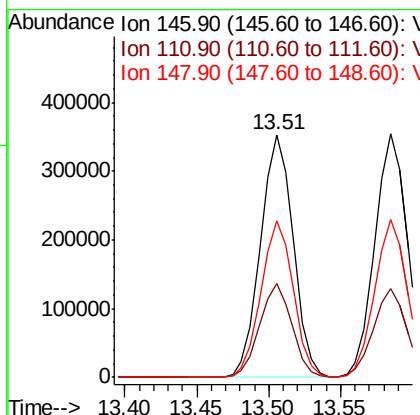
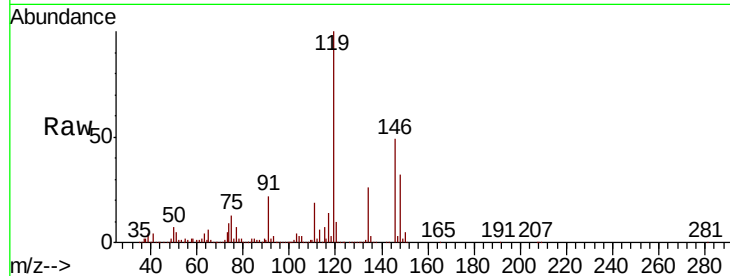
#87
 1,3-Dichlorobenzene
 Concen: 52.11 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	554633		
111	38.1		18.8	56.3
148	63.5		31.6	94.8

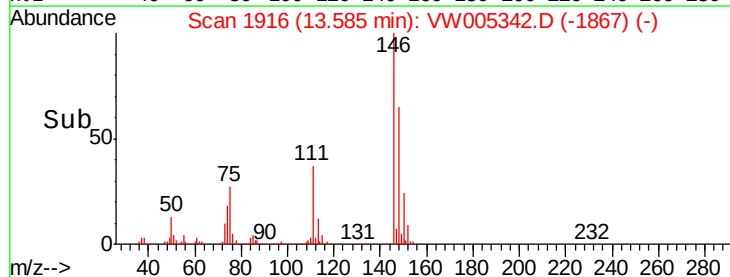
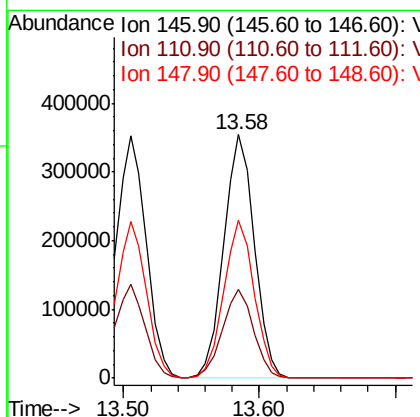
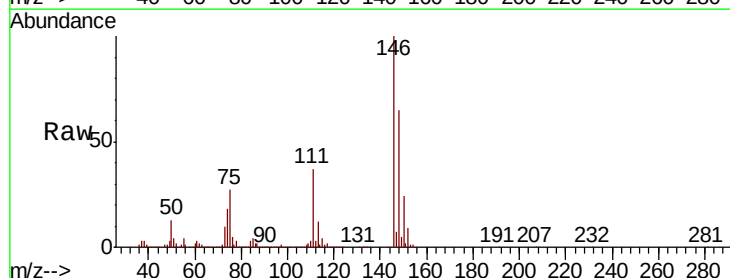
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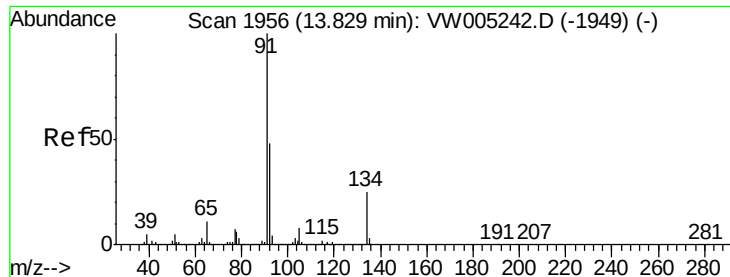
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#88
 1,4-Dichlorobenzene
 Concen: 52.75 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	551519		
111	37.0		19.1	57.3
148	64.6		32.3	96.9





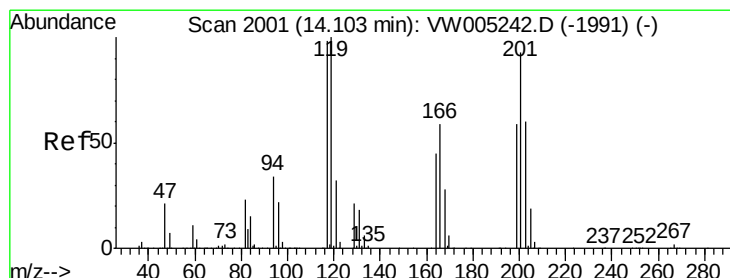
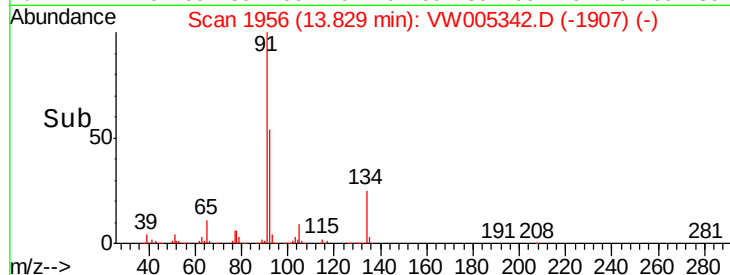
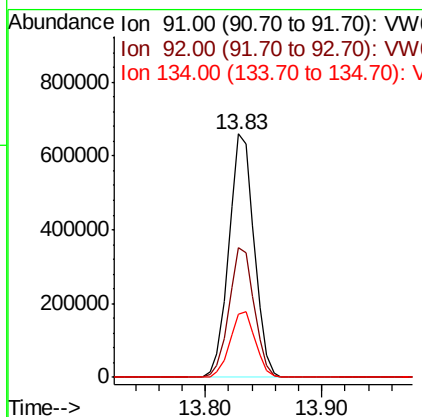
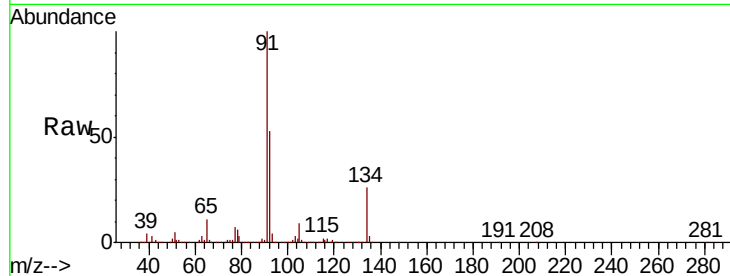
#89
n-Butylbenzene
Concen: 51.79 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.8	77.3
134	27.2	13.6	40.8

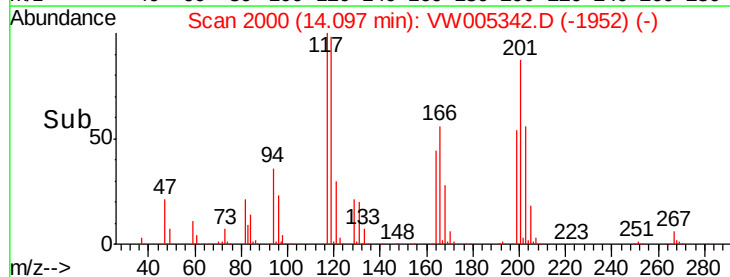
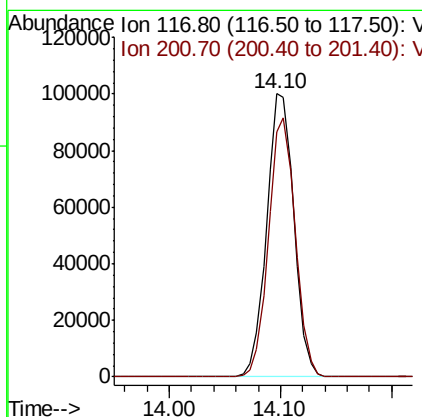
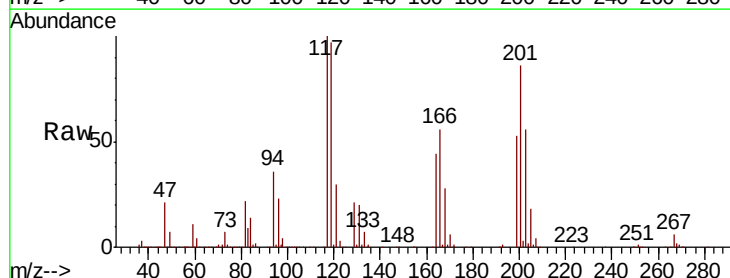
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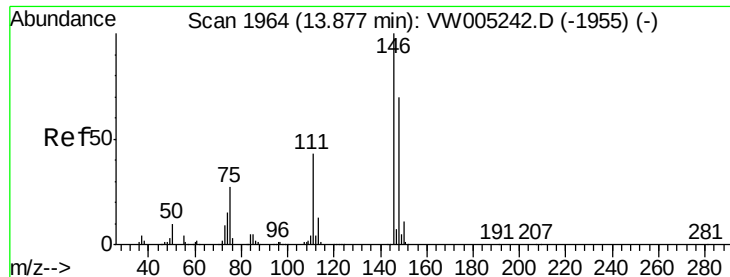
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#90
Hexachloroethane
Concen: 52.36 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.0	132.1





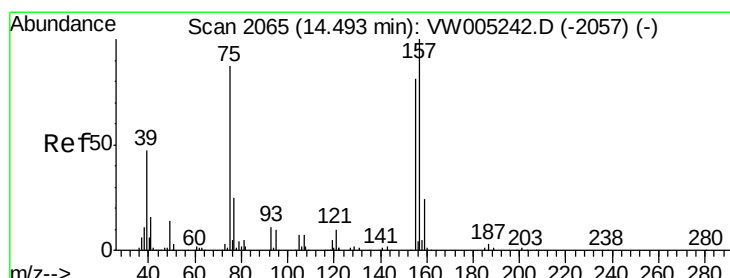
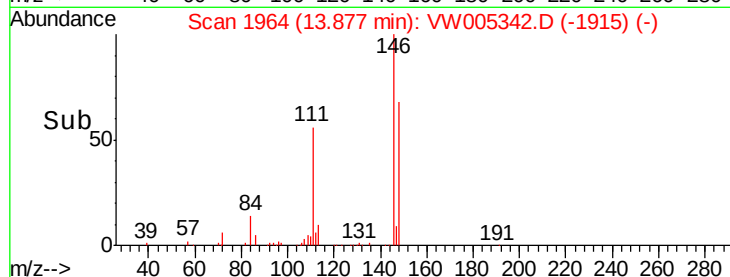
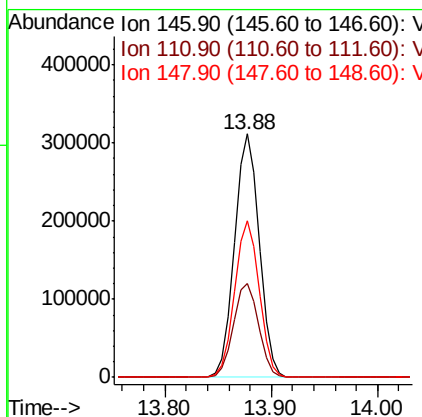
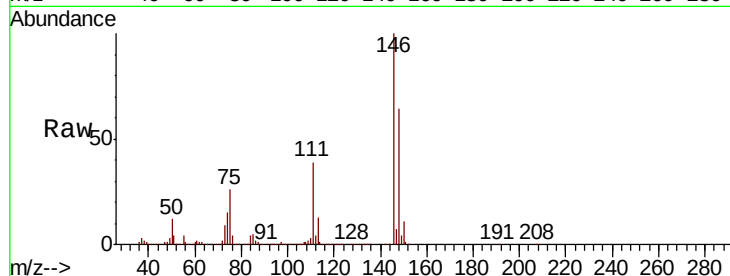
#91
 1,2-Dichlorobenzene
 Concen: 54.34 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.5	61.5
148	63.9	32.7	98.1

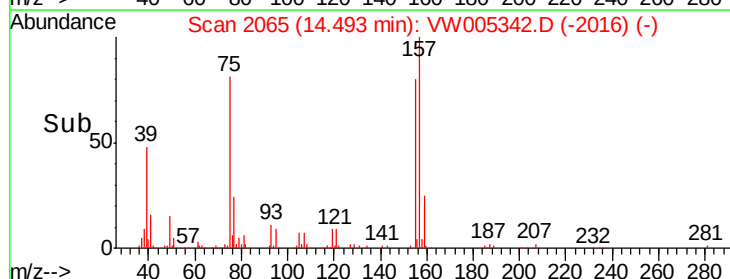
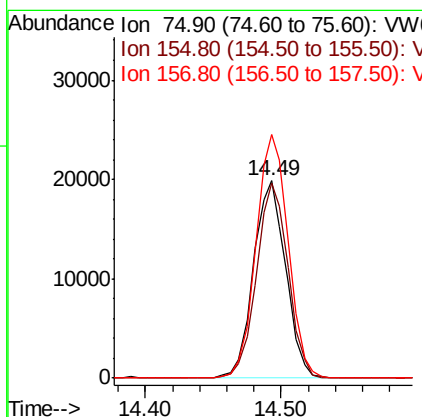
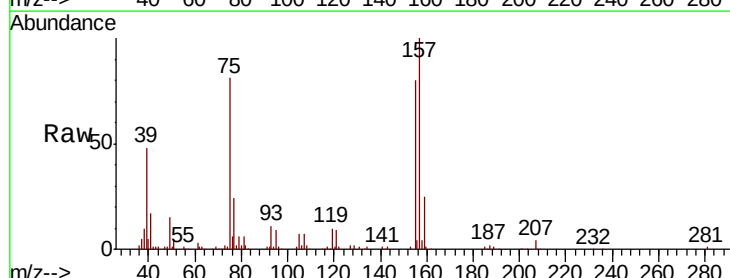
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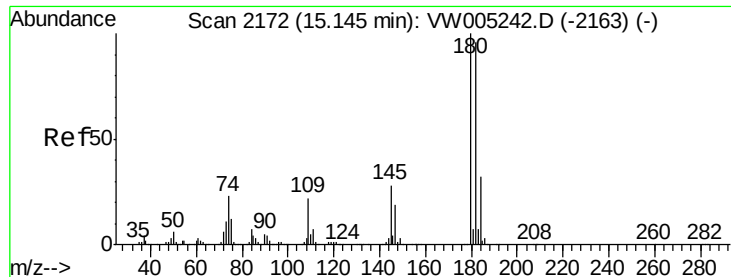
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.34 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	47.4	142.2
157	123.0	59.4	178.2





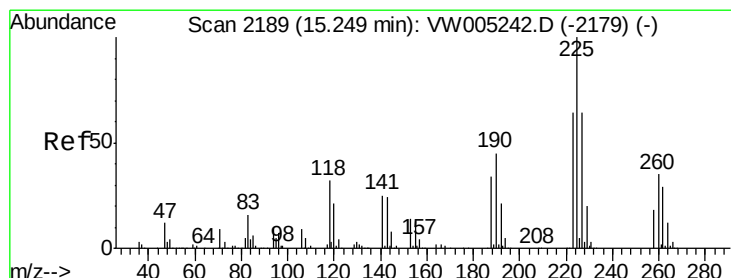
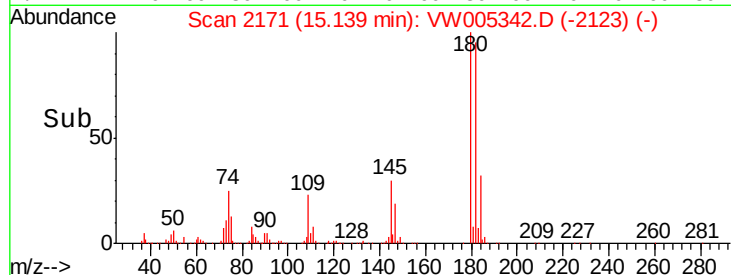
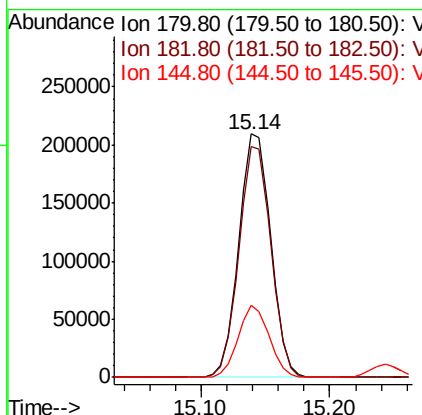
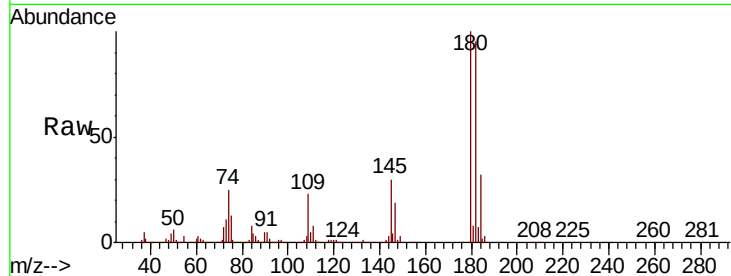
#93
 1,2,4-Trichlorobenzene
 Concen: 54.21 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	48.1	144.4	
145	28.8	14.5	43.6	

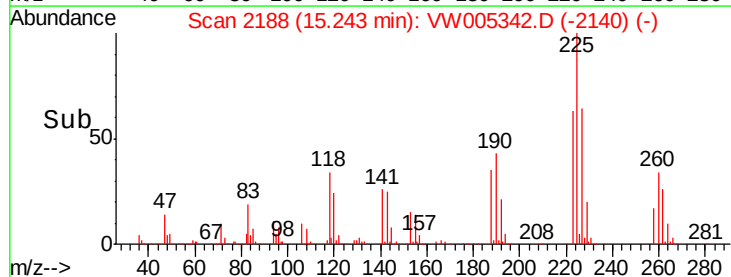
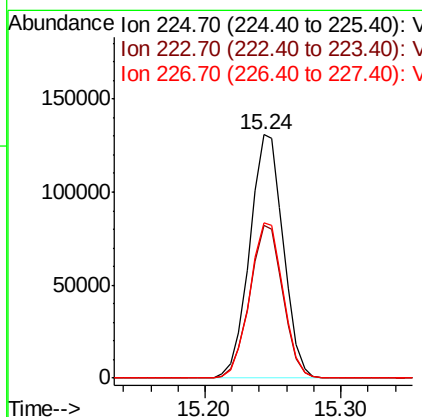
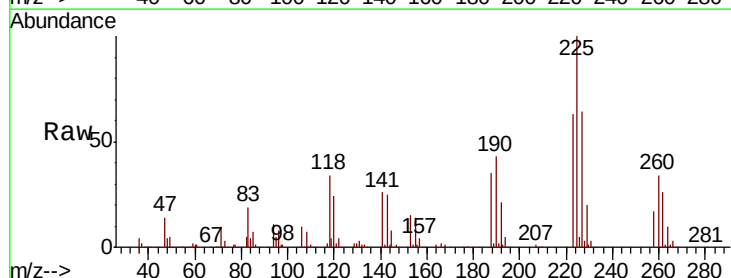
Manual Integrations
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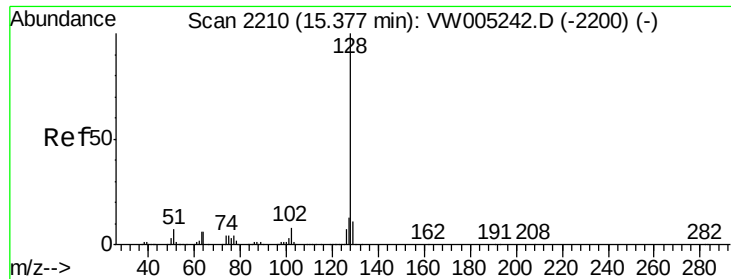
apatel
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#94
 Hexachlorobutadiene
 Concen: 53.24 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.2	
227	63.5	32.0	96.0	





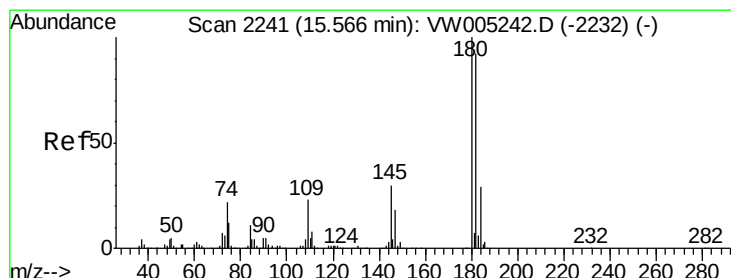
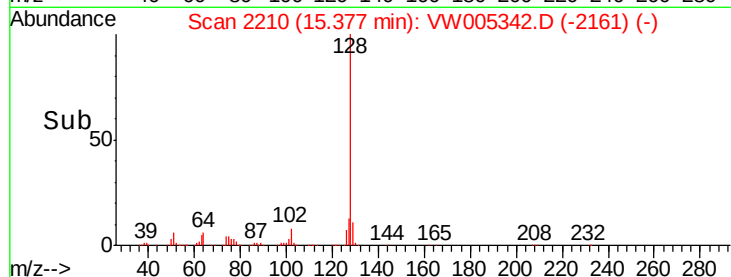
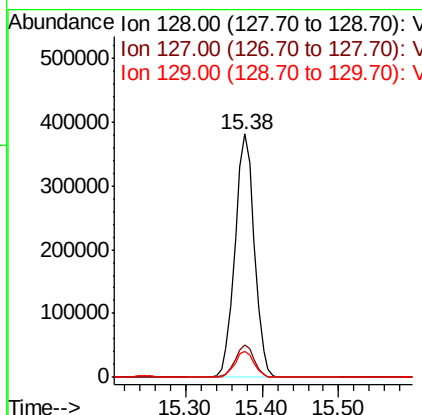
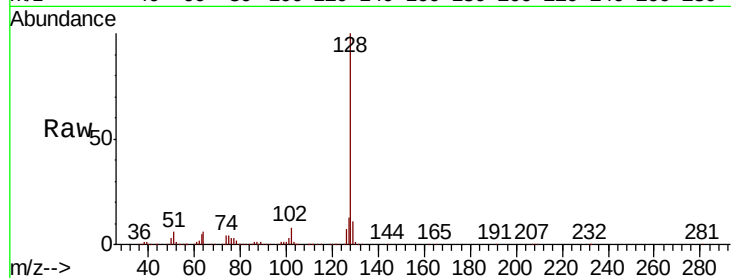
#95
Naphthalene
Concen: 62.02 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.73 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	30.5	15.2	45.6

