

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004805.D
 Acq On : 20 Aug 2018 21:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:32:38 AM

Quant Time: Aug 21 01:54:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	670668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1030756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	961155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	501644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	323273	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.88	113	331325	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.33	98	1293443	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	469171	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	203824	45.88	ug/l	96
3) Chloromethane	2.22	50	259534	44.68	ug/l	100
4) Vinyl Chloride	2.37	62	444963	52.04	ug/l	99
5) Bromomethane	2.78	94	276274	52.32	ug/l	100
6) Chloroethane	2.93	64	274731	53.26	ug/l	99
7) Trichlorofluoromethane	3.26	101	232719	57.78	ug/l	96
8) Diethyl Ether	3.68	74	193240	53.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	363625	52.43	ug/l	100
10) Methyl Iodide	4.26	142	570499	54.16	ug/l	99
11) Tert butyl alcohol	5.22	59	93413	257.87	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	359121	51.96	ug/l	98
13) Acrolein	3.90	56	118613	244.00	ug/l	98
14) Allyl chloride	4.67	41	568676	54.22	ug/l	100
15) Acrylonitrile	5.38	53	411665	269.55	ug/l	100
16) Acetone	4.14	43	405732	245.12	ug/l	99
17) Carbon Disulfide	4.38	76	1187237	52.27	ug/l	99
18) Methyl Acetate	4.68	43	195646	55.16	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	512766	57.15	ug/l	98
20) Methylene Chloride	4.91	84	413362	55.14	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	391977	53.30	ug/l	98
22) Diisopropyl ether	6.31	45	1159438	57.51	ug/l	99
23) Vinyl Acetate	6.26	43	3225576	282.87	ug/l	99
24) 1,1-Dichloroethane	6.21	63	703405	53.69	ug/l	99
25) 2-Butanone	7.18	43	614696	260.65	ug/l	99
26) 2,2-Dichloropropane	7.17	77	391869	51.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	429769	54.29	ug/l	100
28) Bromochloromethane	7.51	49	285789	51.80	ug/l	99
29) Tetrahydrofuran	7.54	42	329700	274.16	ug/l	99
30) Chloroform	7.68	83	683442	53.04	ug/l	99
31) Cyclohexane	7.96	56	654685	51.67	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	548810	53.74	ug/l	99
36) 1,1-Dichloropropene	8.09	75	548350	51.64	ug/l	100
37) Ethyl Acetate	7.26	43	221498	52.33	ug/l	98
38) Carbon Tetrachloride	8.07	117	500970	51.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	713456	53.73	ug/l	99
40) Benzene	8.33	78	1603351	51.96	ug/l	99
41) Methacrylonitrile	7.49	41	144427	60.12	ug/l	96
42) 1,2-Dichloroethane	8.40	62	414706	52.41	ug/l	100
43) Isopropyl Acetate	8.43	43	414111	54.47	ug/l	99
44) Trichloroethene	9.10	130	403864	51.56	ug/l	96
45) 1,2-Dichloropropane	9.37	63	395203	52.35	ug/l	98
46) Dibromomethane	9.46	93	193035	51.62	ug/l	99
47) Bromodichloromethane	9.65	83	471146	52.75	ug/l	100
48) Methyl methacrylate	9.44	41	196831	55.17	ug/l	99
49) 1,4-Dioxane	9.47	88	62281	1139.92	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1404853	273.39	ug/l	100
52) Toluene	10.39	92	983906	53.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	484095	53.80	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	574591	53.56	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	278775	52.44	ug/l	99
56) Ethyl methacrylate	10.65	69	357106	51.34	ug/l	100
57) 1,3-Dichloropropane	10.94	76	486643	53.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	854084	290.93	ug/l	99
59) 2-Hexanone	10.98	43	943303	270.93	ug/l	99
60) Dibromochloromethane	11.13	129	317712	53.27	ug/l	100
61) 1,2-Dibromoethane	11.24	107	268005	52.74	ug/l	100
64) Tetrachloroethene	10.87	164	344182	52.40	ug/l	98
65) Chlorobenzene	11.66	112	1079260	52.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	366338	52.45	ug/l	99
67) Ethyl Benzene	11.74	91	1901550	54.22	ug/l	100
68) m/p-Xylenes	11.85	106	1475665	108.15	ug/l	100
69) o-Xylene	12.17	106	697658	55.23	ug/l	99
70) Styrene	12.19	104	1170275	55.16	ug/l	100
71) Bromoform	12.35	173	195110	52.92	ug/l	98
73) Isopropylbenzene	12.47	105	1911770	56.02	ug/l	100
74) N-amyl acetate	12.28	43	397111	49.71	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	338794	53.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	221750m	50.15	ug/l	
77) Bromobenzene	12.75	156	444556	53.82	ug/l	100
78) n-propylbenzene	12.81	91	2322390	55.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1327402	55.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1623149	55.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	102233	53.73	ug/l	99
82) 4-Chlorotoluene	12.99	91	1389189	54.47	ug/l	100
83) tert-Butylbenzene	13.21	119	1394133	56.22	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1666321	55.86	ug/l	100
85) sec-Butylbenzene	13.39	105	2059149	55.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	1805183	56.03	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	900539	53.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	880534	52.43	ug/l	99
89) n-Butylbenzene	13.83	91	1704616	54.73	ug/l	100
90) Hexachloroethane	14.10	117	316747	53.94	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	802889	53.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52850	53.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	573654	53.74	ug/l	99
94) Hexachlorobutadiene	15.24	225	343032	52.36	ug/l	99
95) Naphthalene	15.38	128	1045365	50.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	511309	54.02	ug/l	99

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

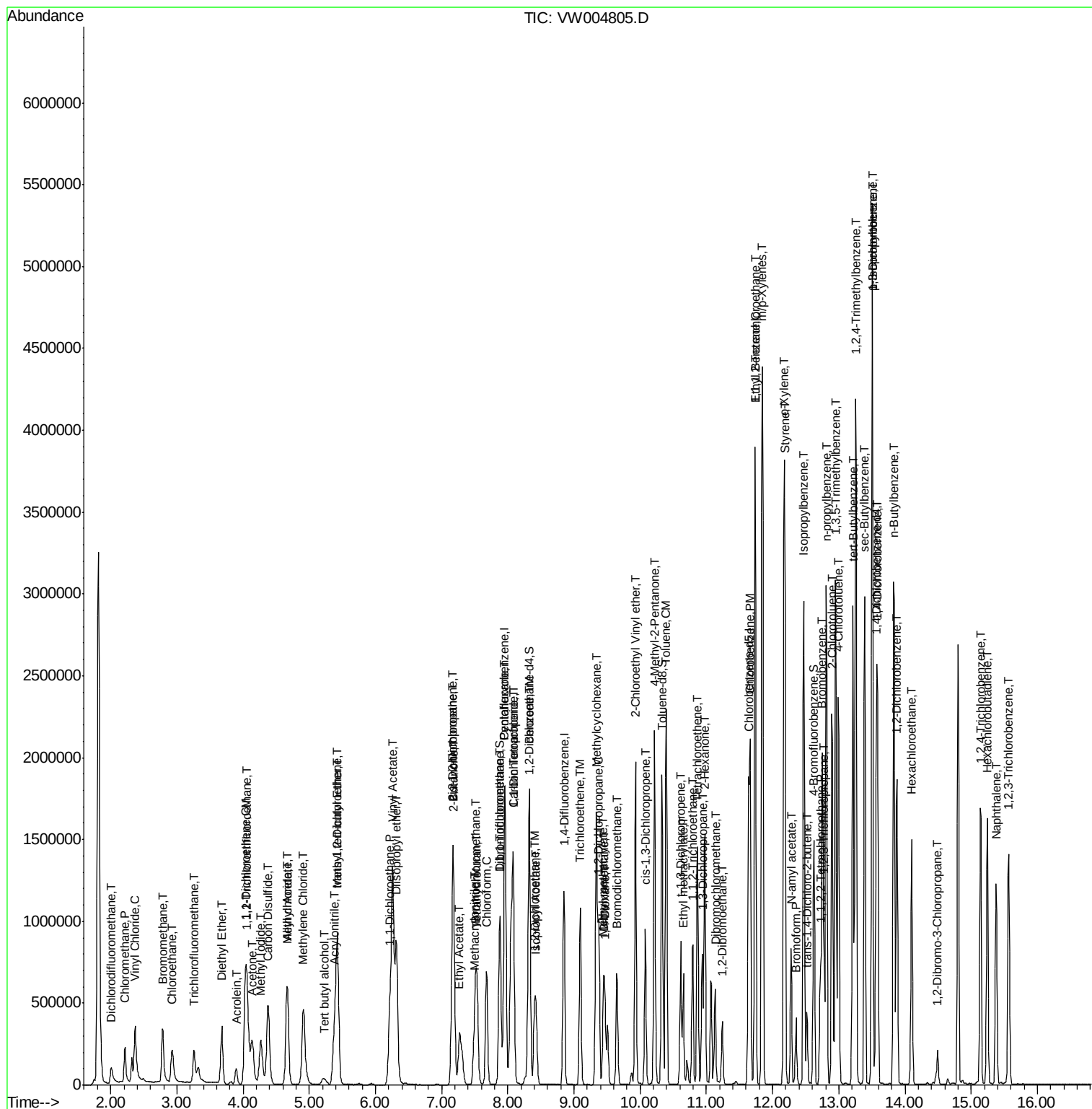
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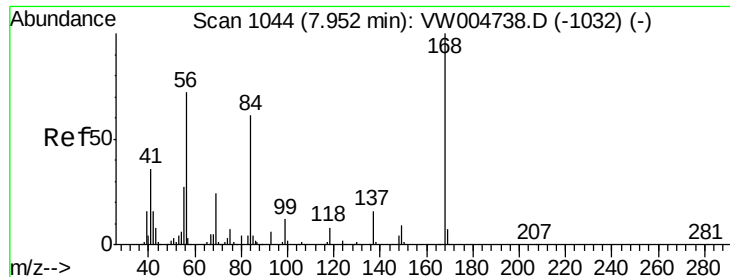
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 670668

Ion Ratio Lower Upper

168 100

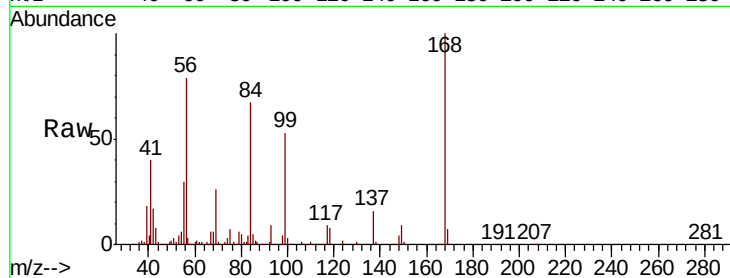
99 53.3 41.0 61.4

Manual Integrations

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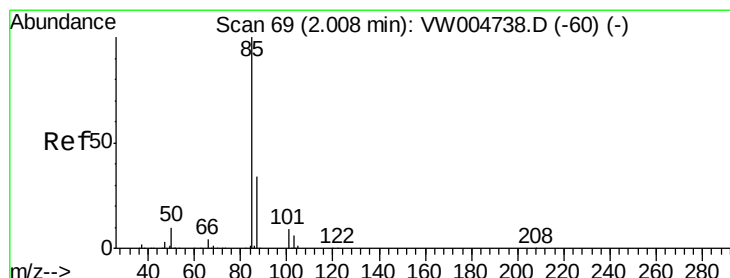
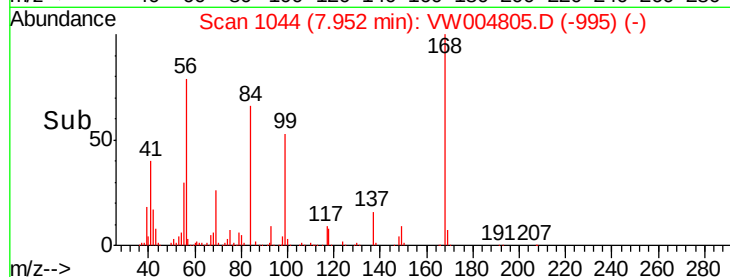
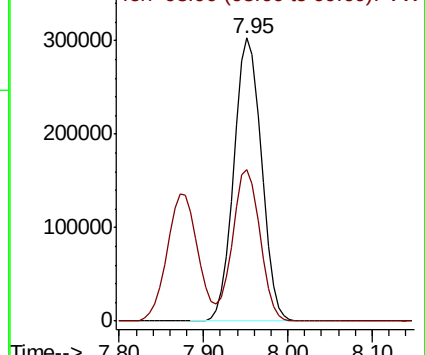
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.88 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004805.D

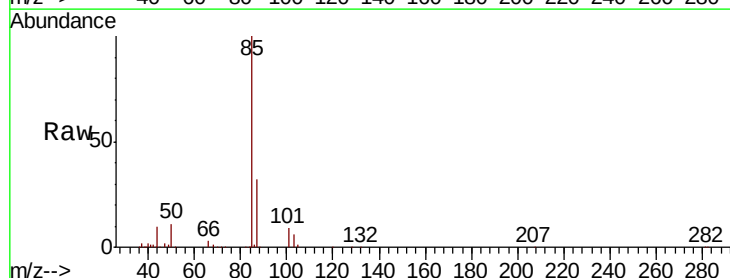
Acq: 20 Aug 2018 21:19

Tgt Ion: 85 Resp: 203824

Ion Ratio Lower Upper

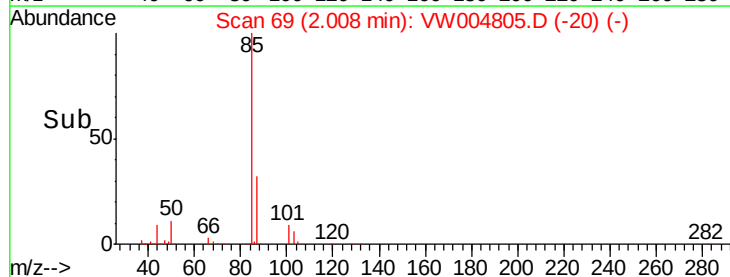
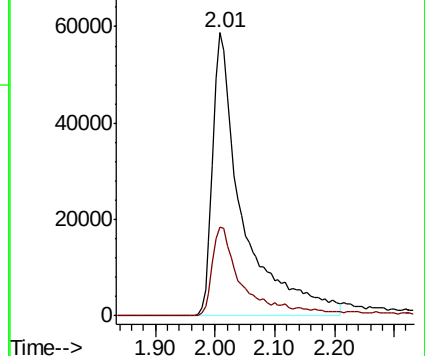
85 100

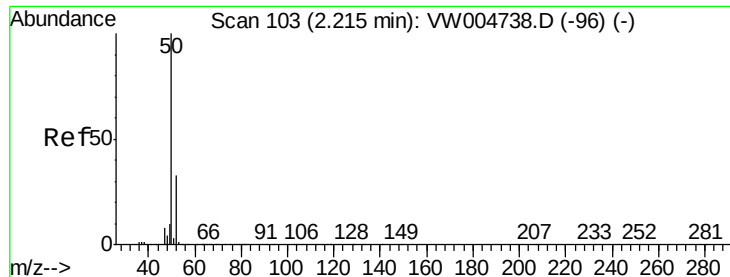
87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.68 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 259534

Ion Ratio Lower Upper

50 100

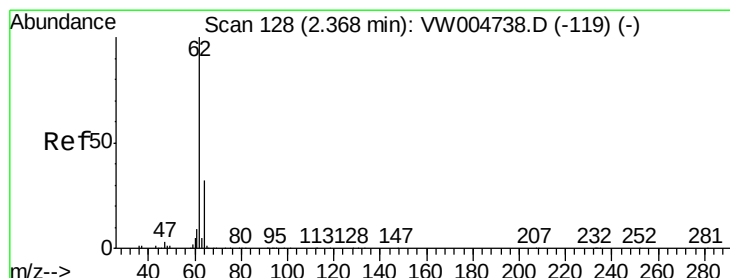
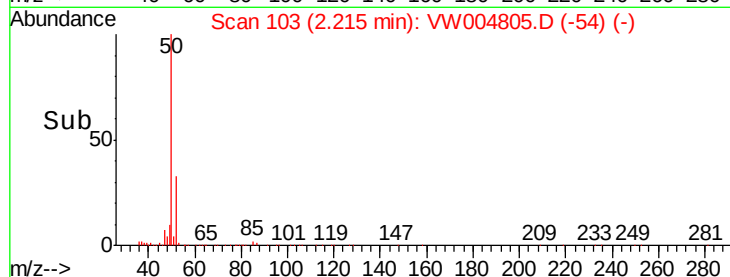
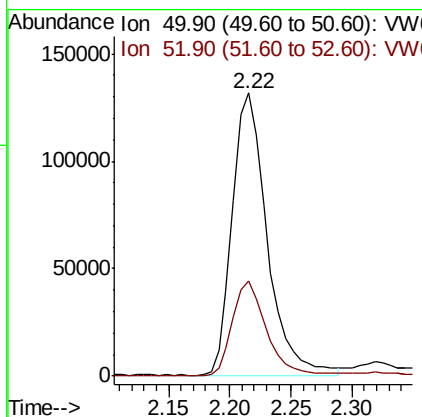
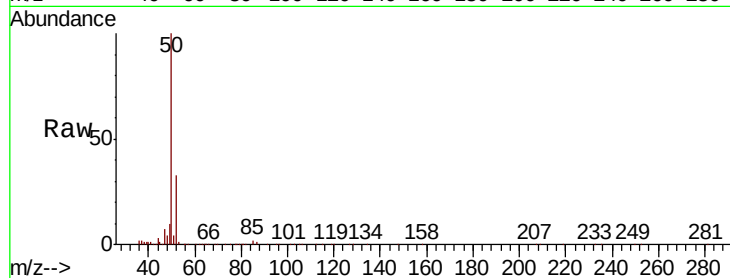
52 33.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.04 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004805.D

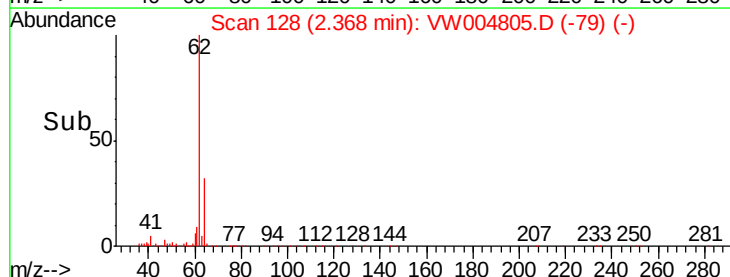
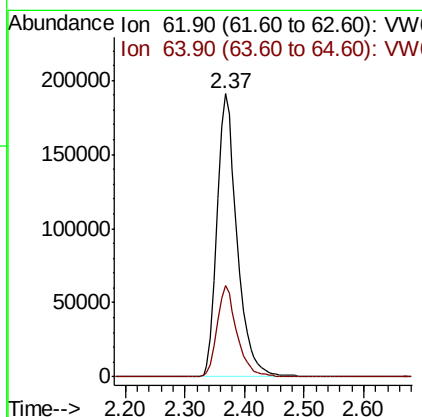
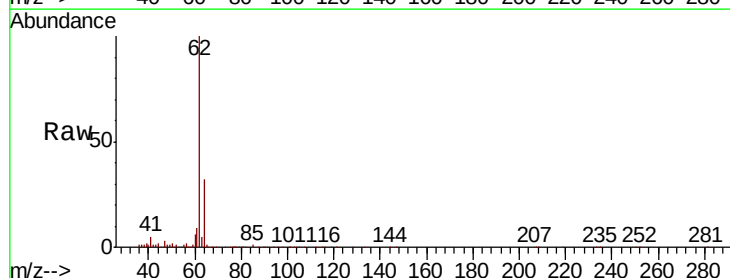
Acq: 20 Aug 2018 21:19

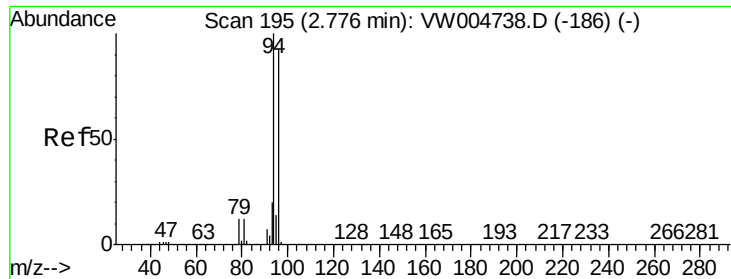
Tgt Ion: 62 Resp: 444963

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 52.32 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

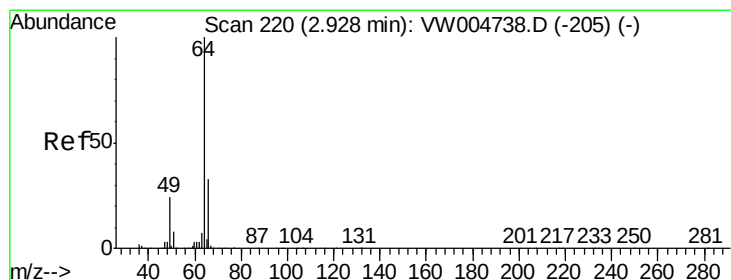
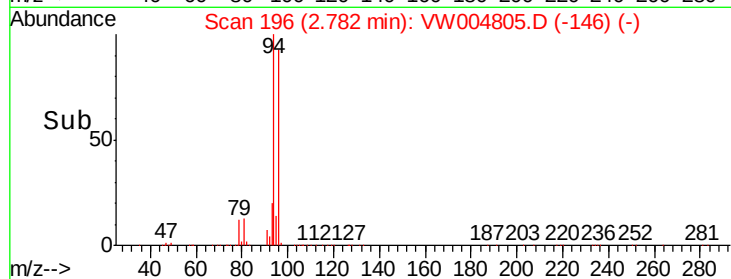
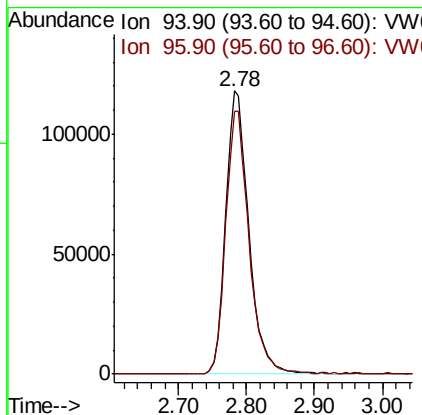
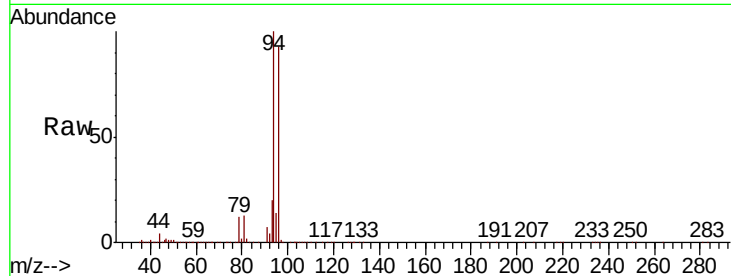
ClientSampled :

VSTDCCC050EC

Tot Ion	94	Resp	276274
Ion Ratio	100	Lower	Upper
94	100		
96	92.7	74.3	111.5

Manual Integrations
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#6

Chloroethane

Concen: 53.26 ug/l

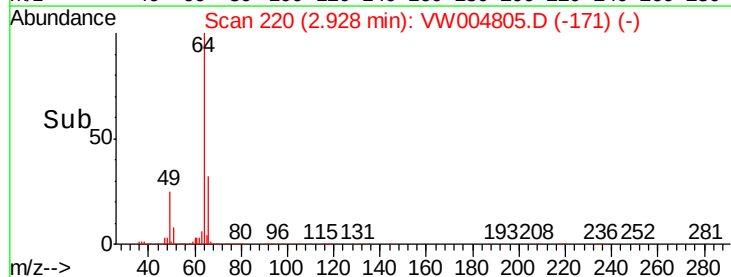
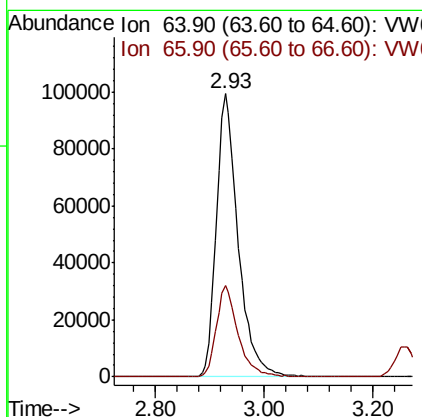
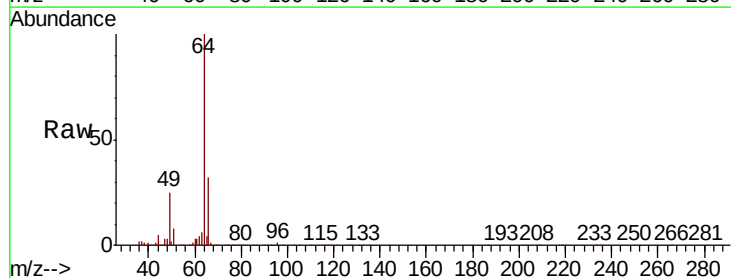
RT: 2.93 min Scan# 220

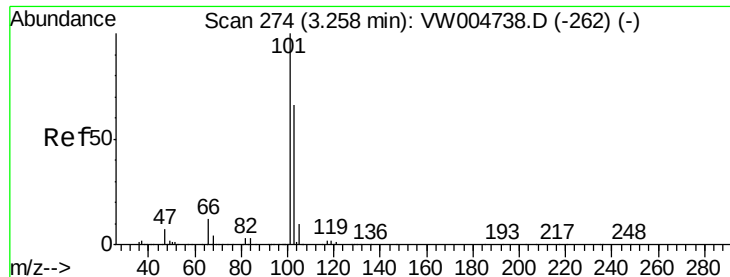
Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion	64	Resp	274731
Ion Ratio	100	Lower	Upper
64	100		
66	32.2	26.1	39.1





#7

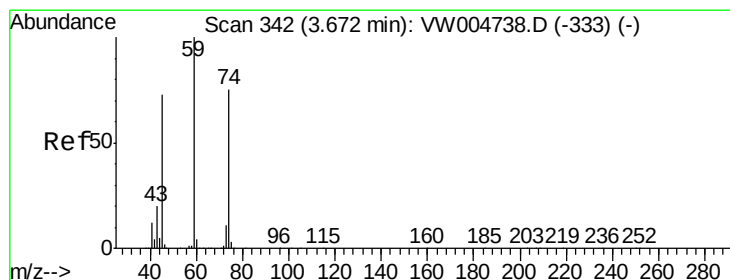
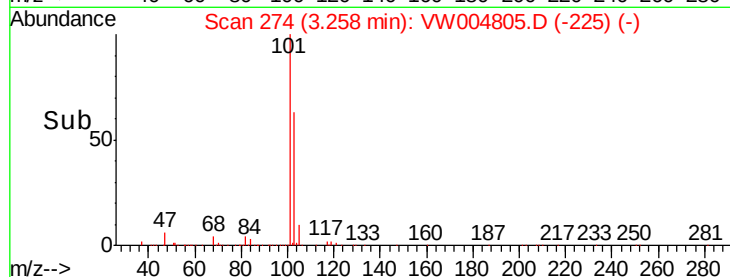
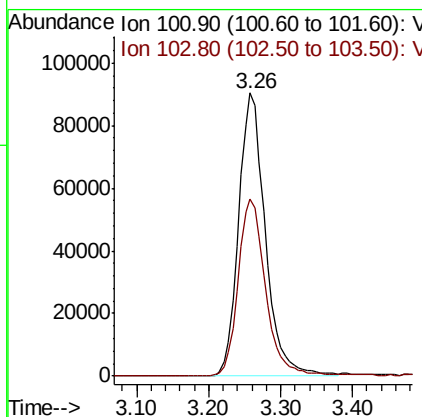
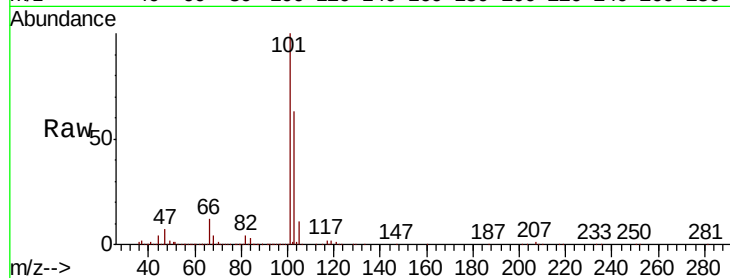
Trichlorofluoromethane
Concen: 57.78 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		232719		
103	62.6	52.5	78.7		

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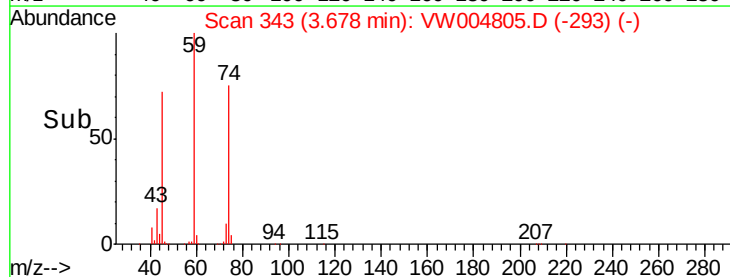
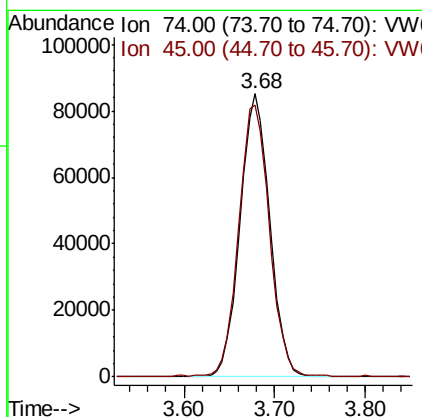
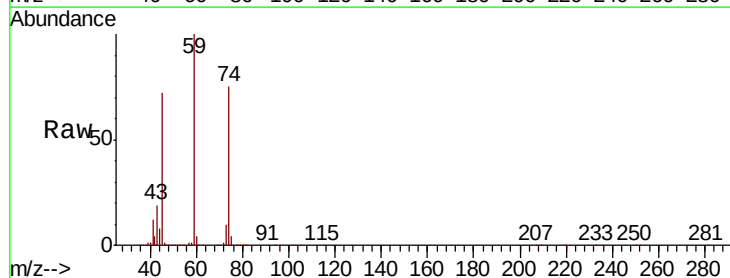
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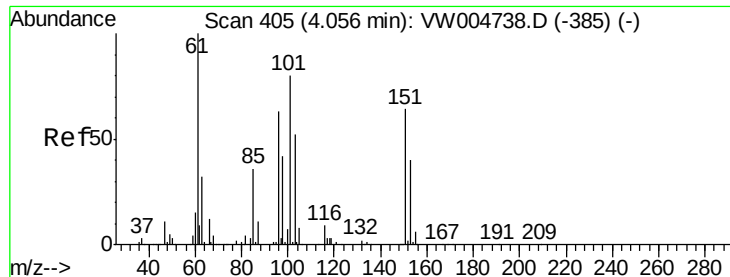


#8

Diethyl Ether
Concen: 53.06 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		193240		
45	99.1	49.8	149.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.43 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

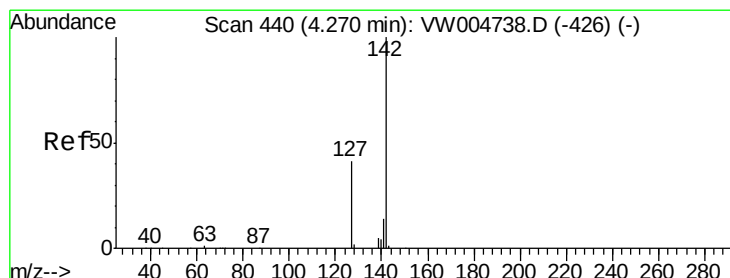
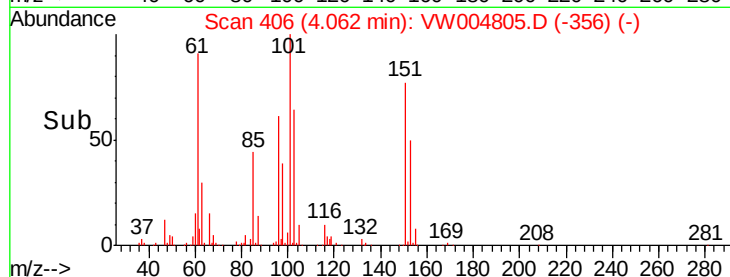
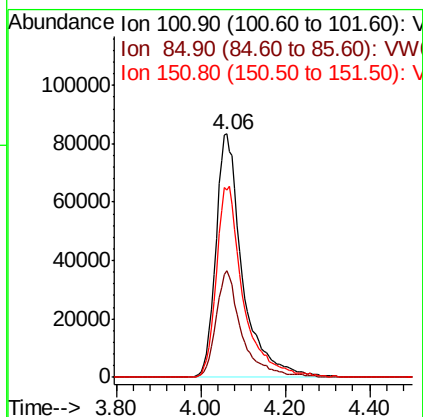
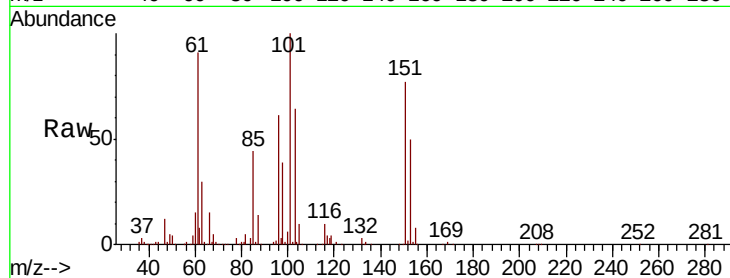
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	363625
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.9	50.9
151	79.3	63.4	95.2

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#10

Methyl Iodide

Concen: 54.16 ug/l

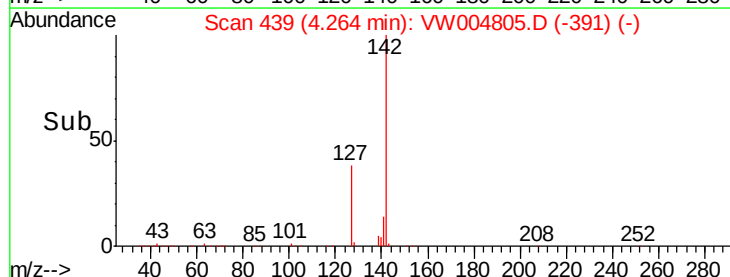
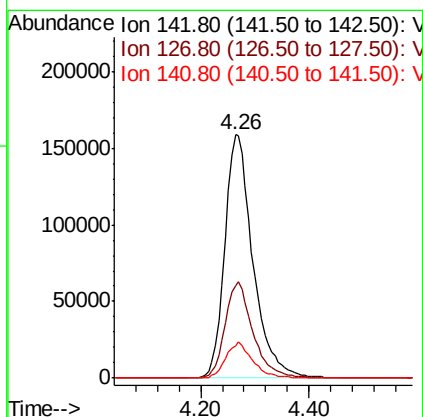
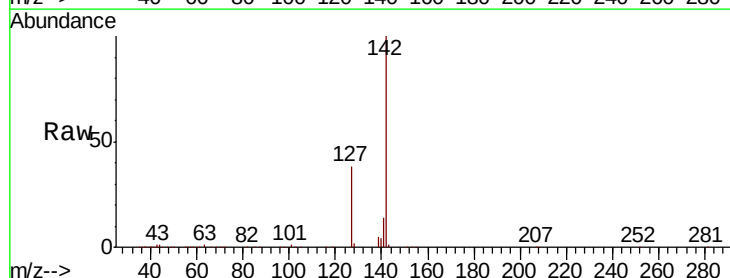
RT: 4.26 min Scan# 439

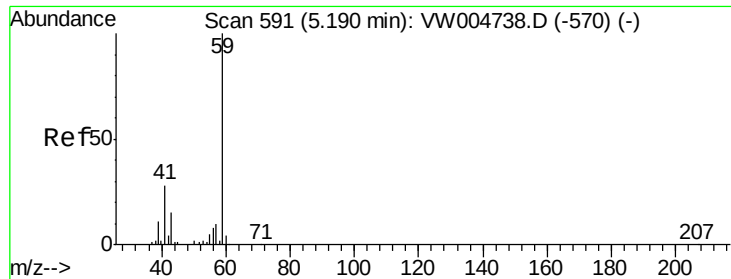
Delta R.T. -0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	142	Resp:	570499
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.1	48.1
141	14.2	11.7	17.5





#11

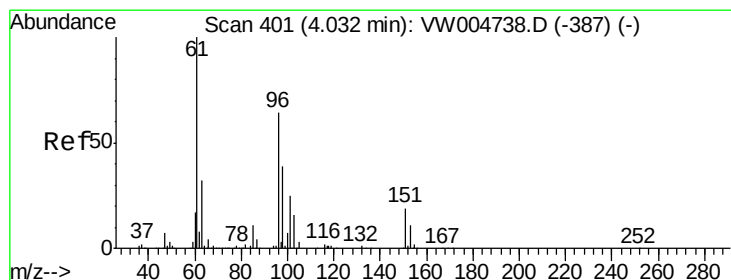
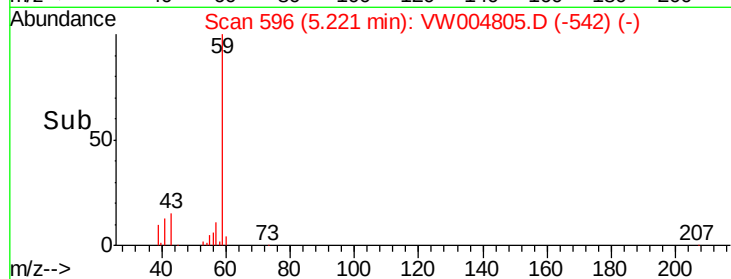
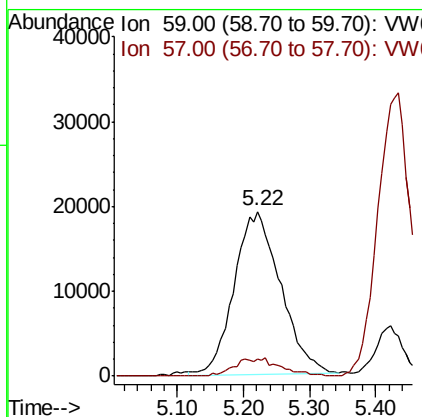
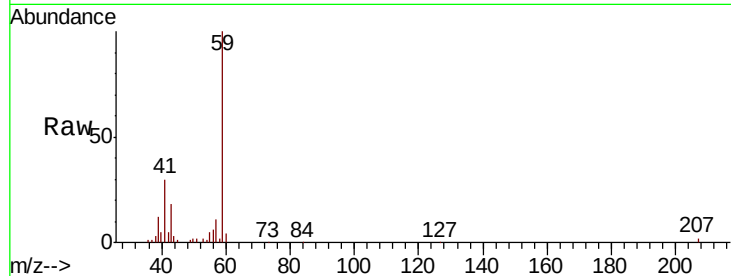
Tert butyl alcohol
Concen: 257.87 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.03 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		93413		
57	4.8		8.4	12.6	#

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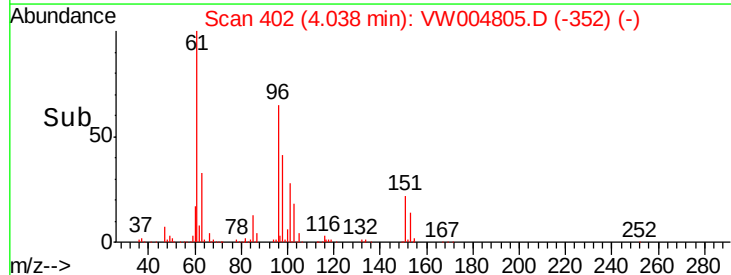
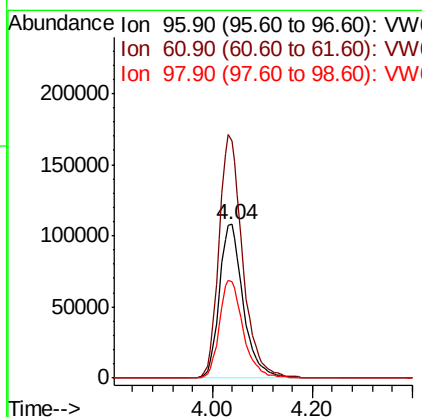
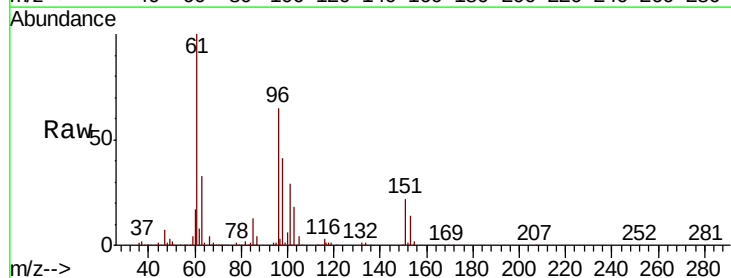
apatel
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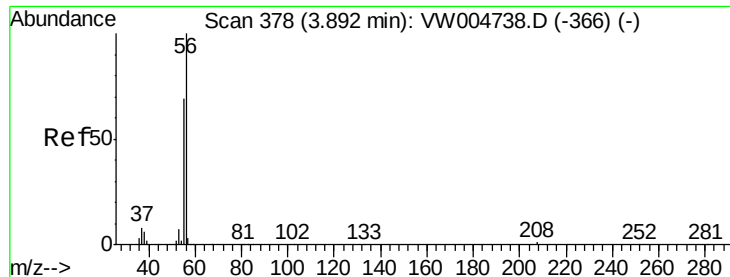


#12

1,1-Dichloroethene
Concen: 51.96 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		359121		
61	154.5		125.6	188.4	
98	62.6		49.4	74.0	





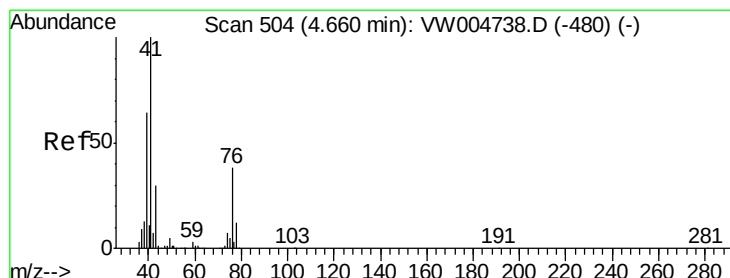
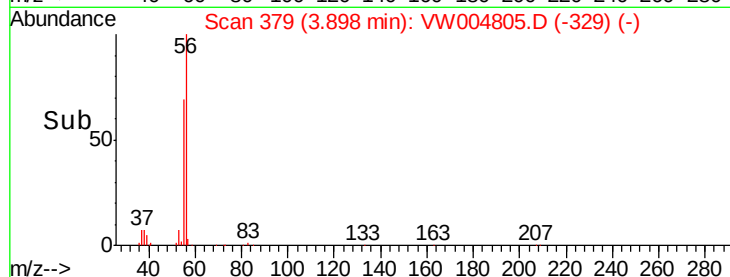
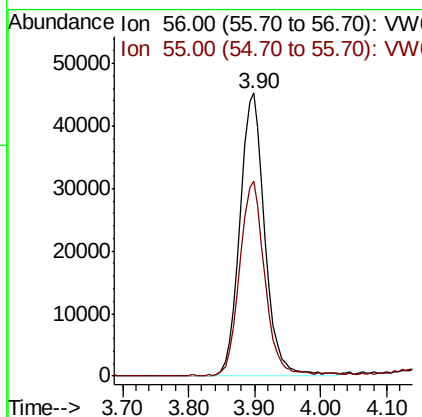
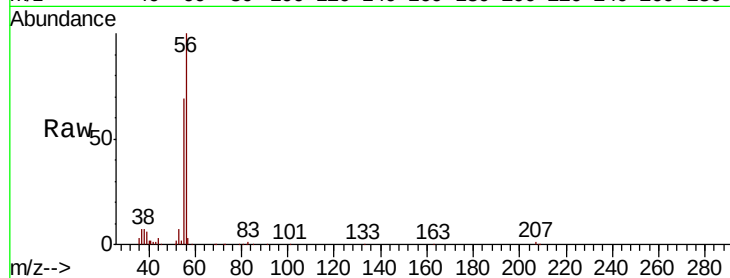
#13
Acrolein
Concen: 244.00 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	68.5	56.1	84.1

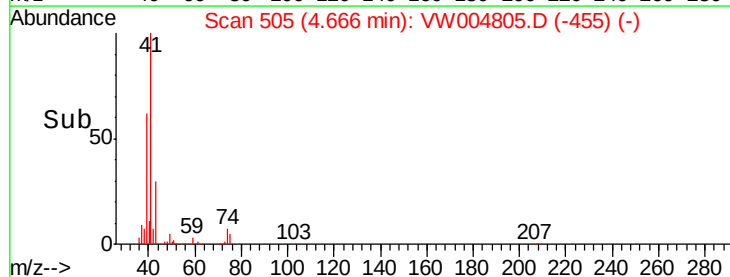
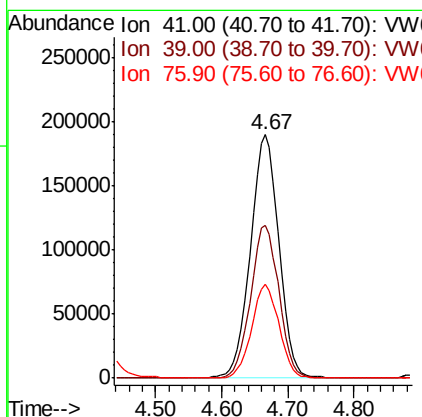
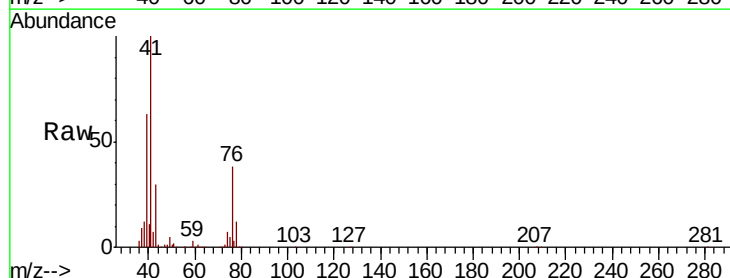
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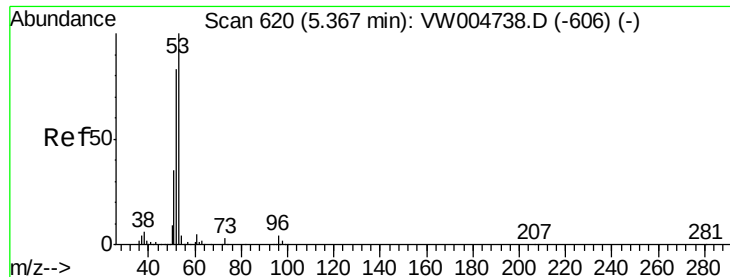
apatel
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#14
Allyl chloride
Concen: 54.22 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	62.4	50.0	75.0
76	76	37.0	29.8	44.6





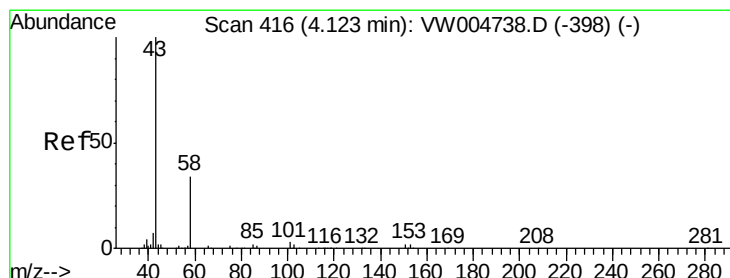
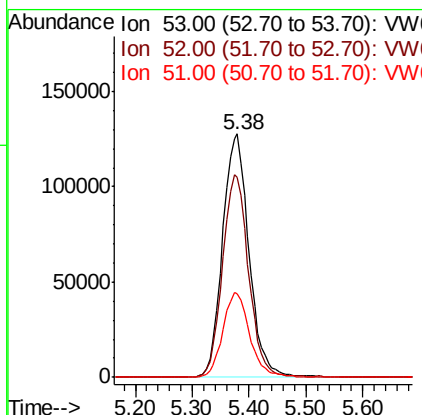
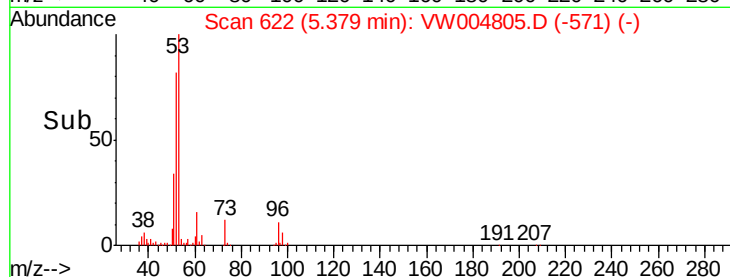
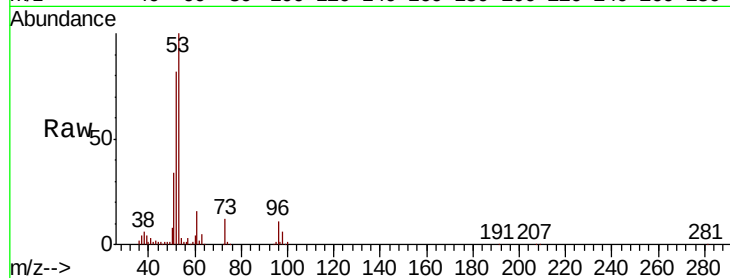
#15
 Acrylonitrile
 Concen: 269.55 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	53	Resp	411665
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.8	98.6
51	35.7	28.7	43.1

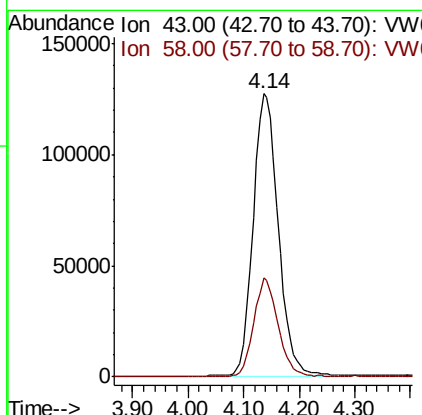
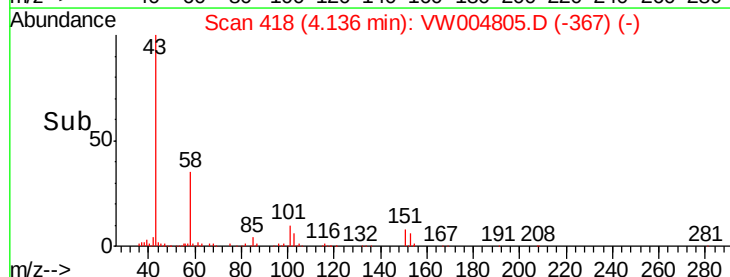
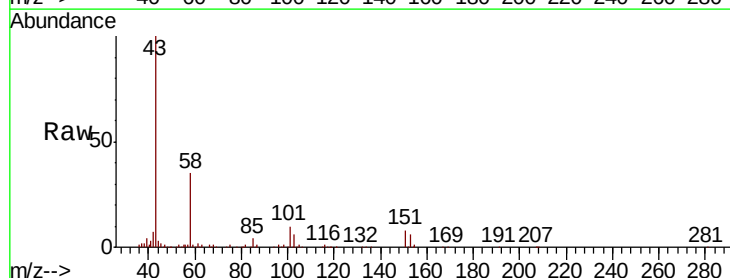
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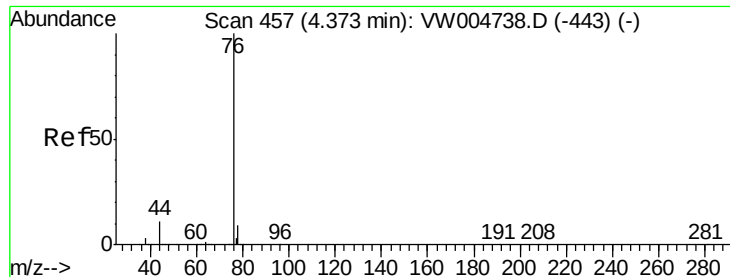
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#16
 Acetone
 Concen: 245.12 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	43	Resp	405732
Ion Ratio	Lower	Upper	
43	100		
58	34.9	27.3	40.9





#17

Carbon Disulfide

Concen: 52.27 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tot Ion: 76 Resp: 1187237

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

Instrument :

MSVOA_W

ClientSampleId :

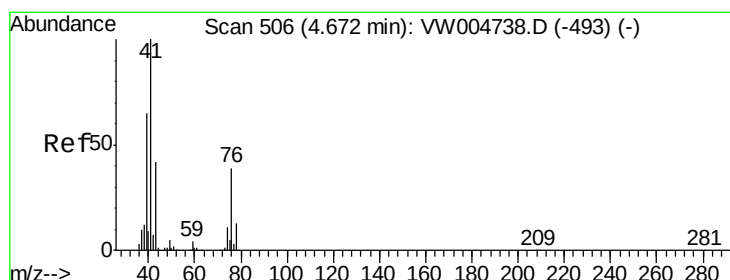
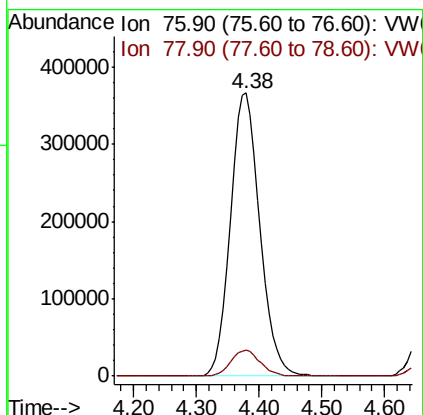
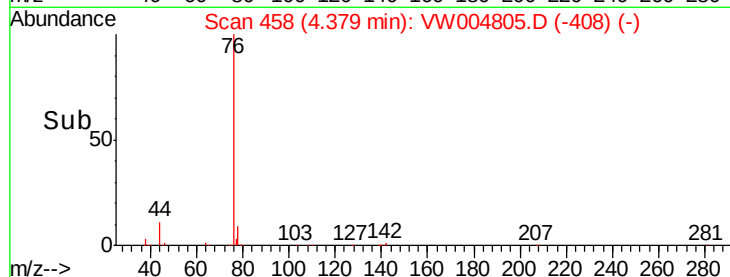
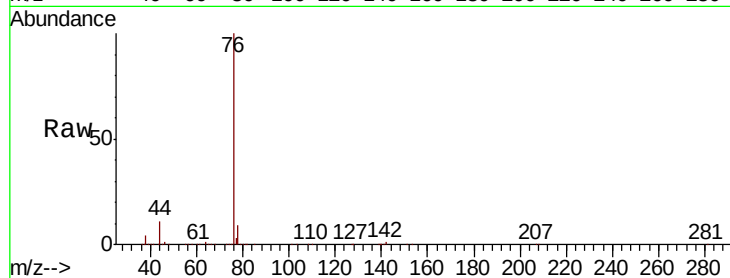
VSTDCCC050EC

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#18

Methyl Acetate

Concen: 55.16 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004805.D

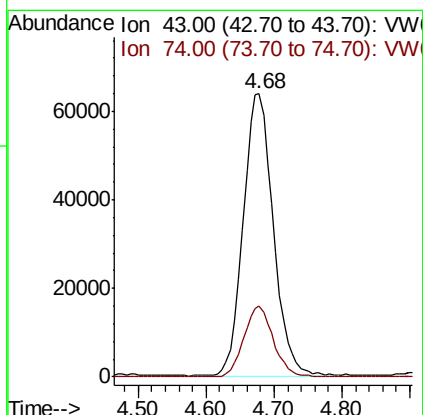
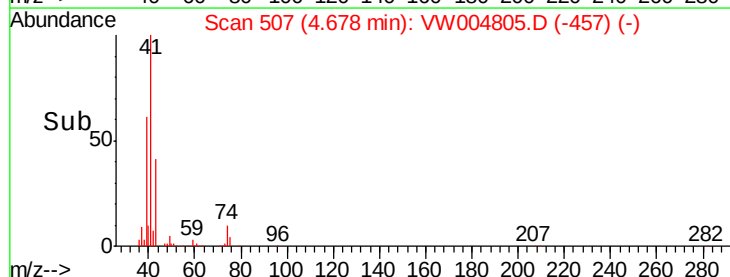
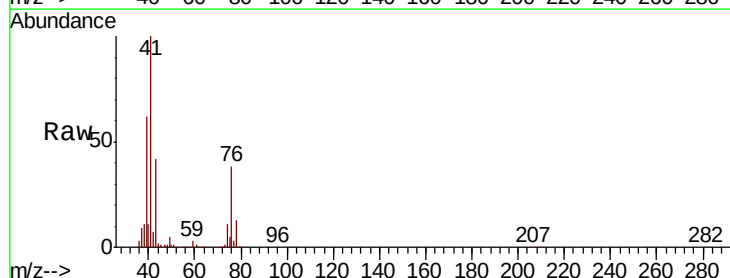
Acq: 20 Aug 2018 21:19

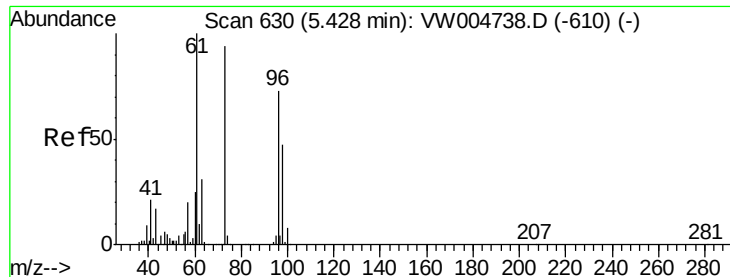
Tgt Ion: 43 Resp: 195646

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8





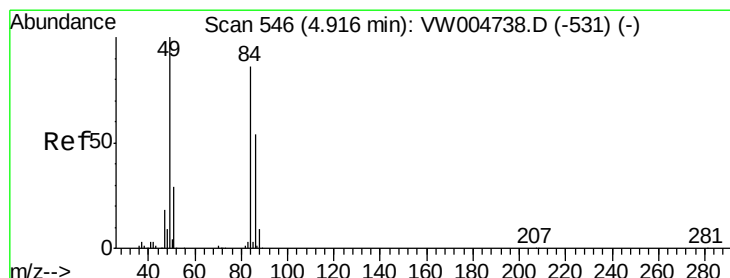
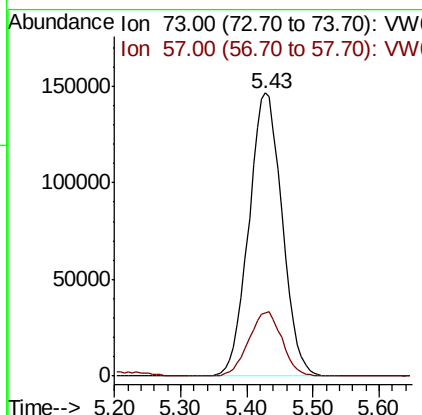
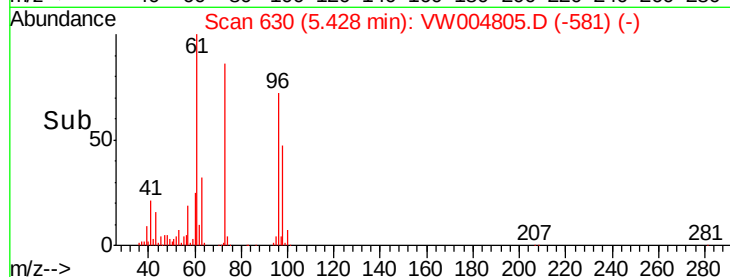
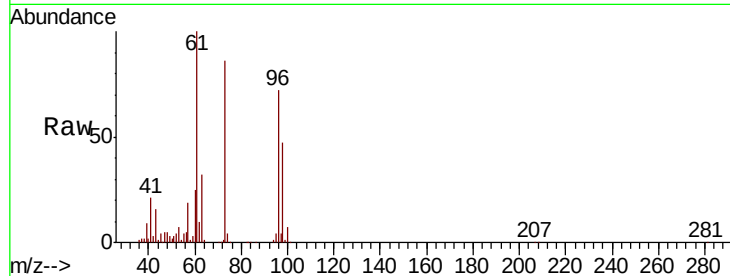
#19
Methyl tert-butyl Ether
Concen: 57.15 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.3	25.9

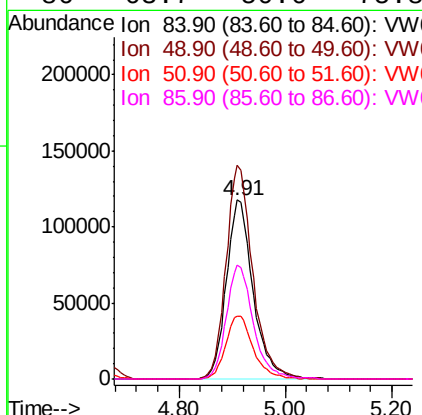
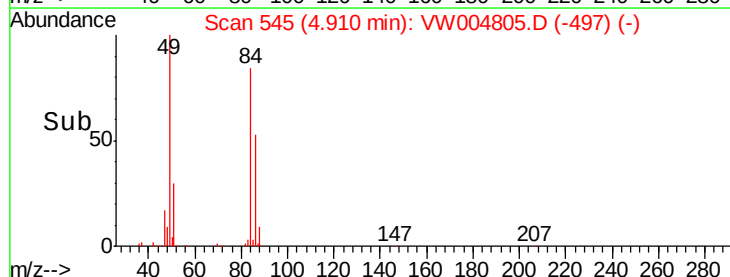
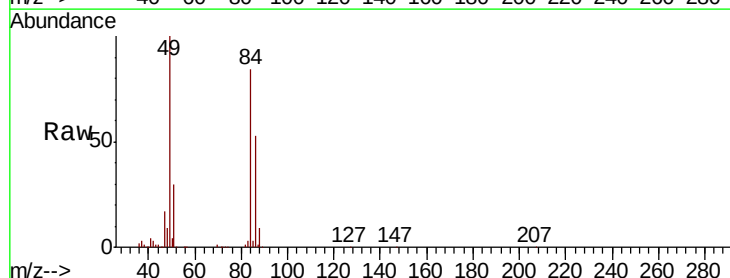
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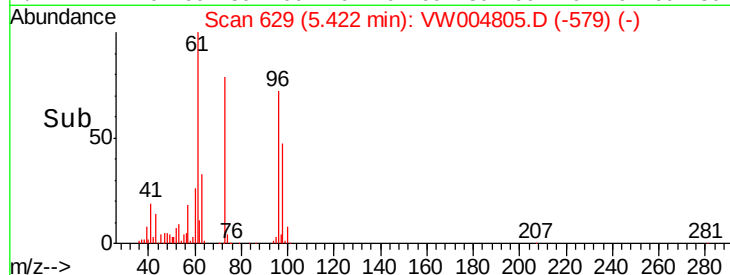
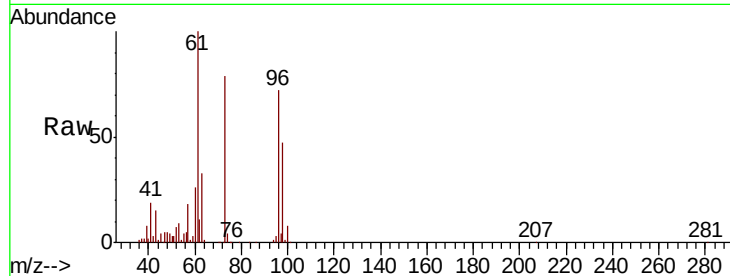
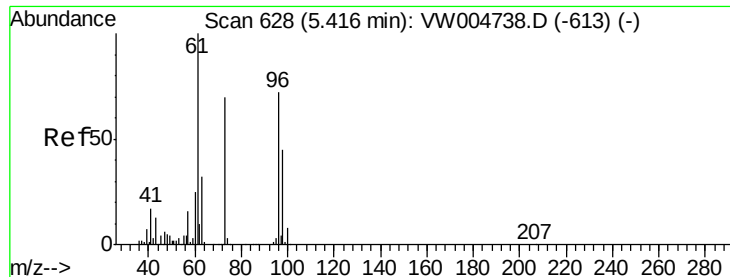
apatel
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#20
Methylene Chloride
Concen: 55.14 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	93.2	139.8
51	35.4	27.4	41.0
86	63.7	50.6	75.8





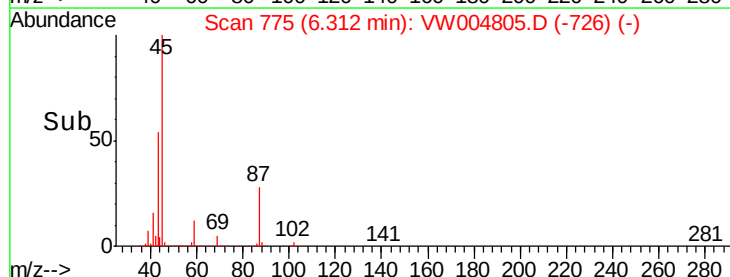
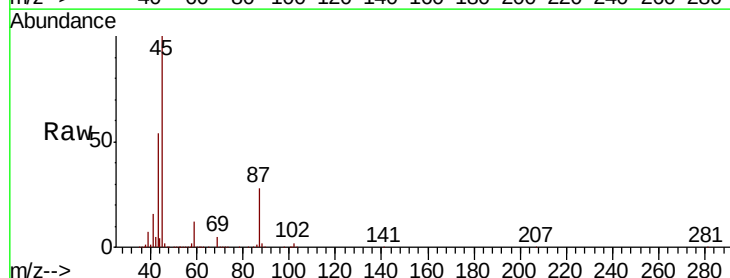
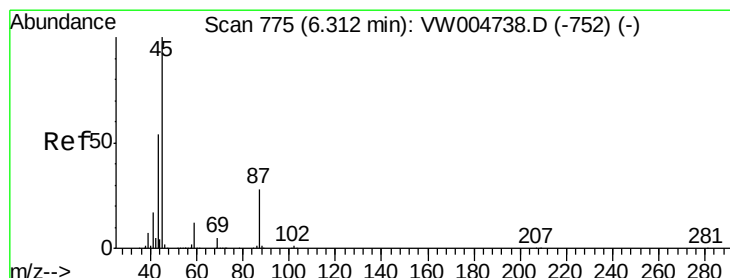
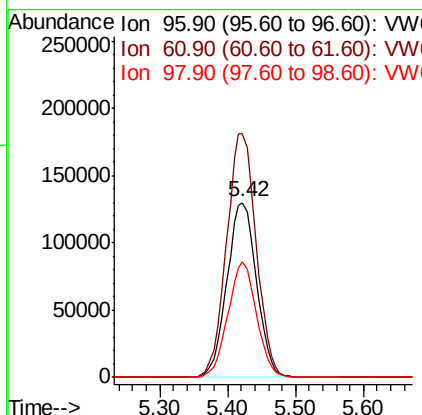
#21
trans-1,2-Dichloroethene
Concen: 53.30 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.4	111.4	167.0
98	66.1	49.7	74.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

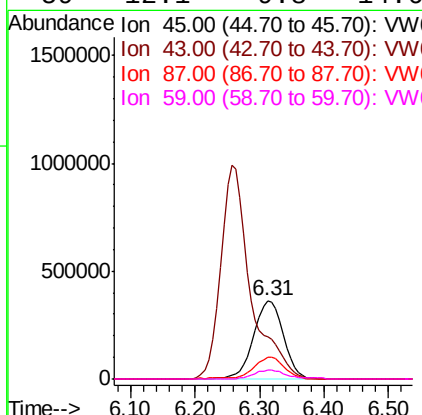
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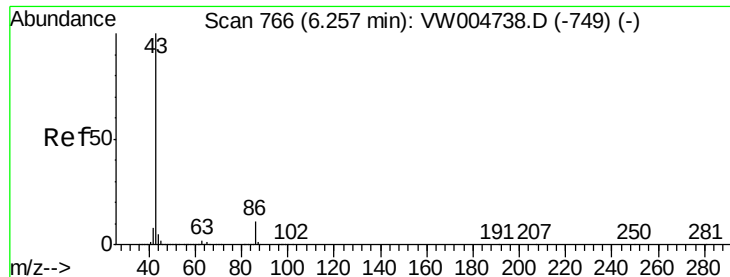
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#22
Diisopropyl ether
Concen: 57.51 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.3	43.0	64.6
87	27.4	22.2	33.4
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 282.87 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3225576

Ion Ratio Lower Upper

43 100

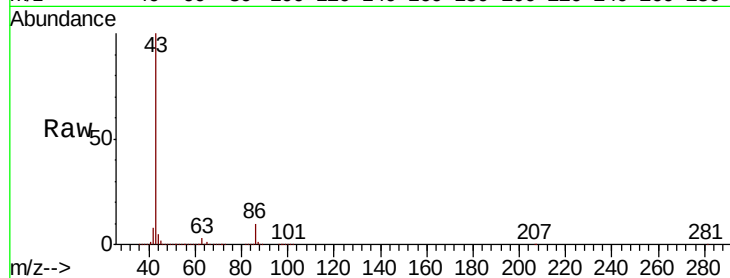
86 10.4 8.5 12.7

Manual Integrations

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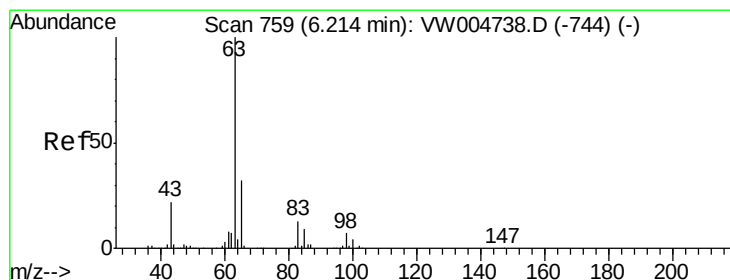
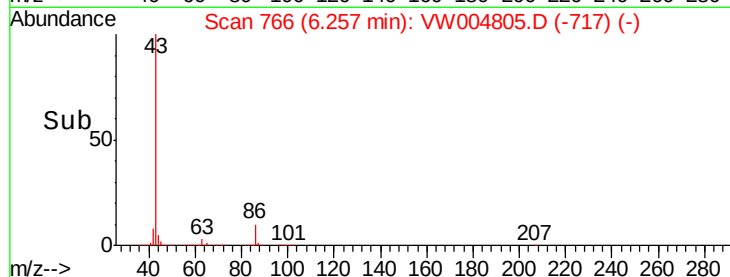
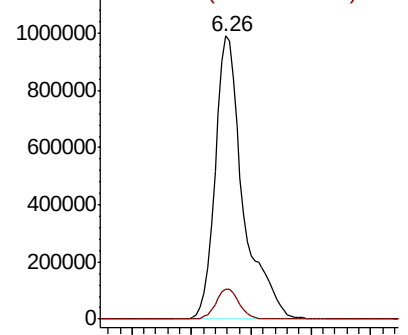
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.69 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

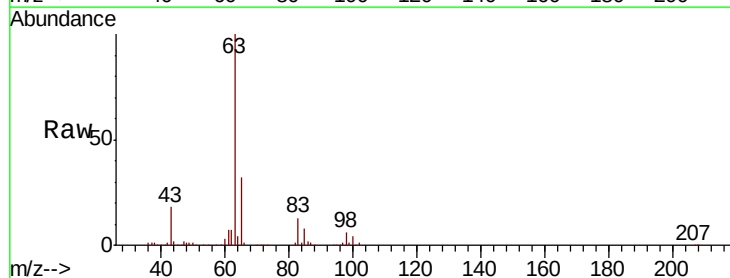
Tgt Ion: 63 Resp: 703405

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

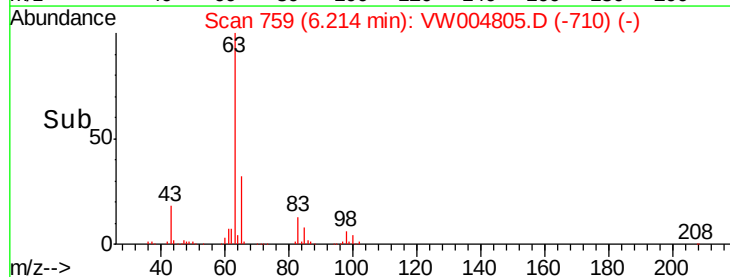
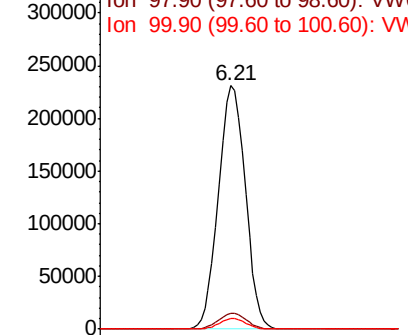
100 4.2 2.1 6.3

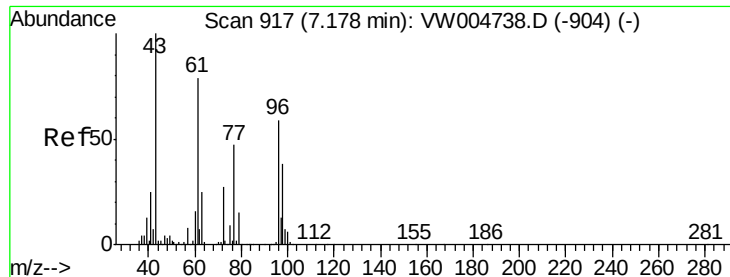


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 260.65 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 614696

Ion Ratio Lower Upper

43 100

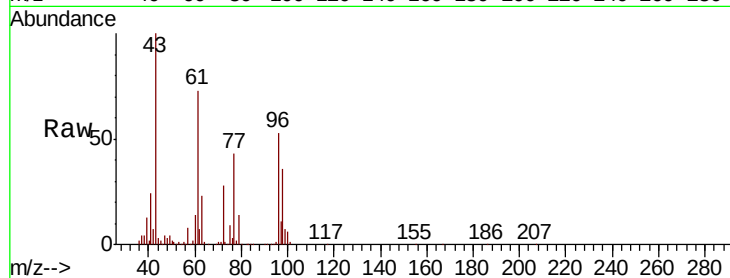
72 27.9 22.0 33.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

250000

200000

150000

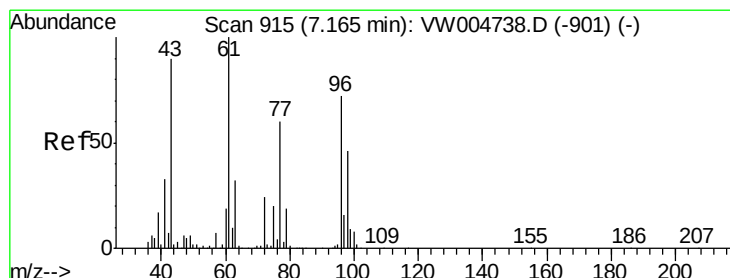
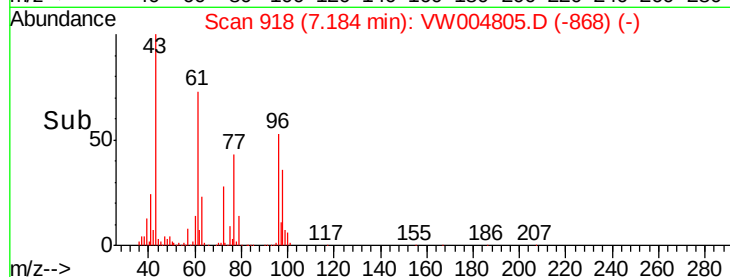
100000

50000

0

7.05 7.10 7.15 7.20 7.25

Time-->



#26

2,2-Dichloropropane

Concen: 51.79 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004805.D

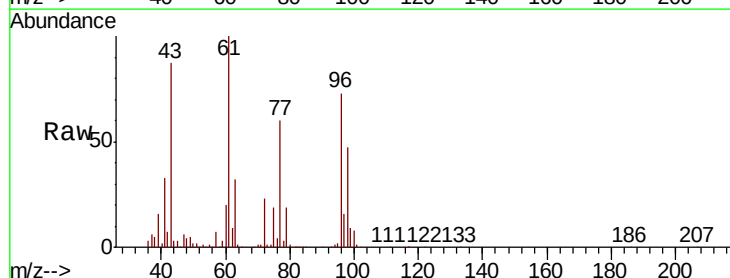
Acq: 20 Aug 2018 21:19

Tgt Ion: 77 Resp: 391869

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

150000

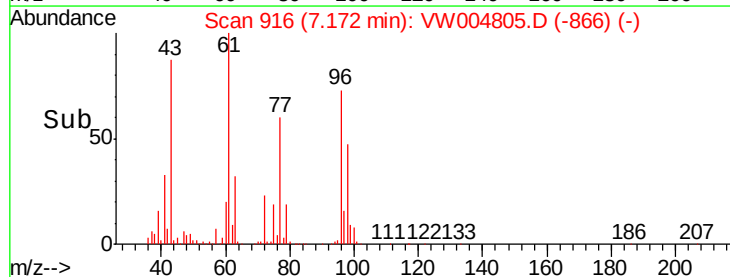
100000

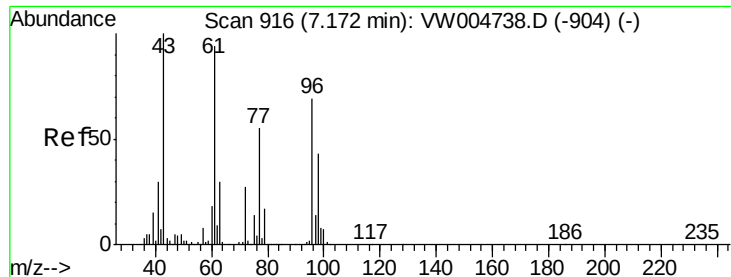
50000

0

7.00 7.10 7.20 7.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 54.29 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

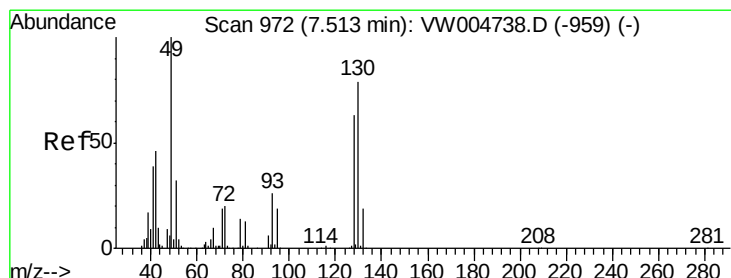
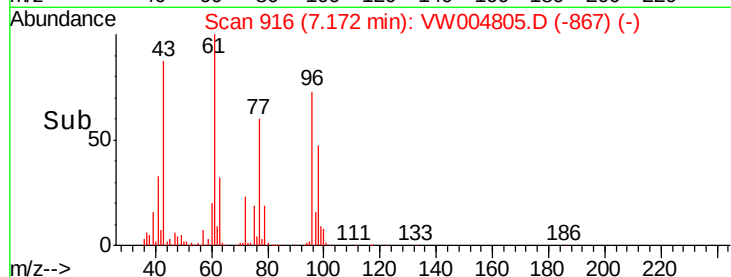
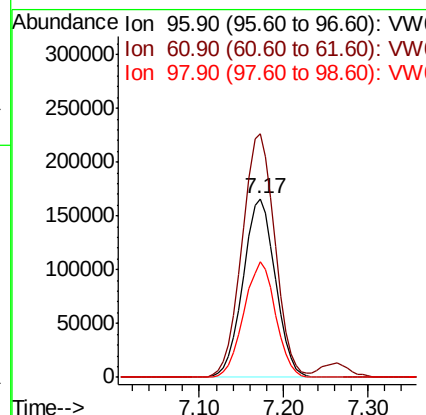
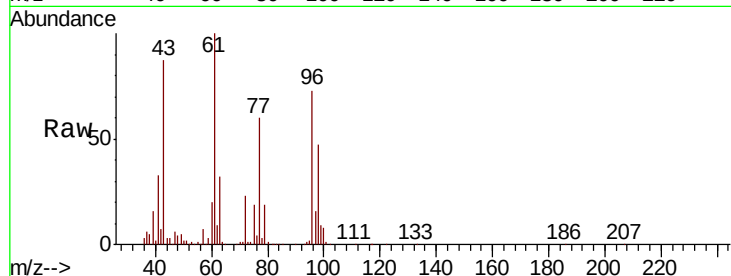
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	429769
Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	277.6
98	63.8	0.0	127.4

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#28

Bromochloromethane

Concen: 51.80 ug/l

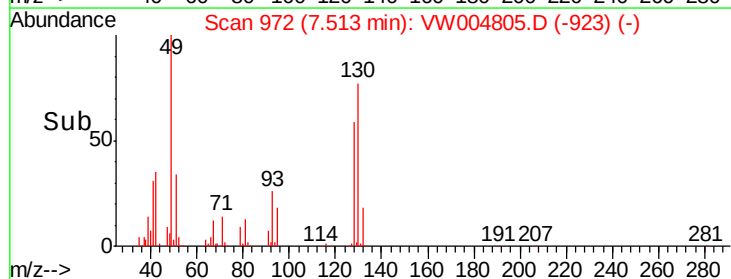
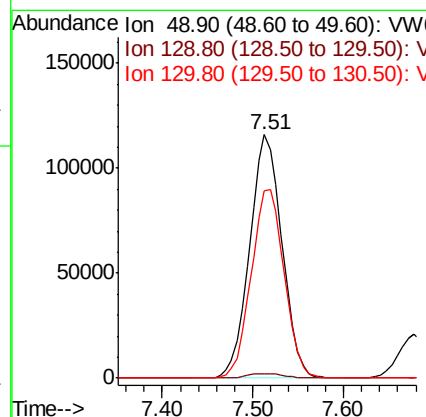
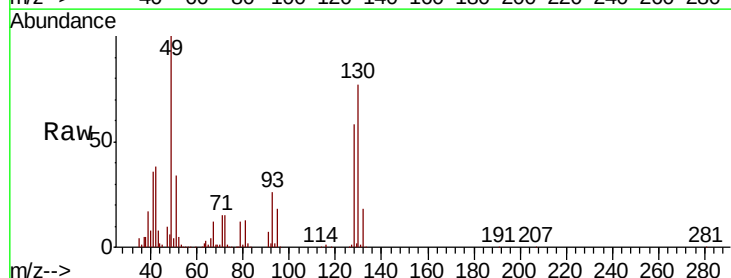
RT: 7.51 min Scan# 972

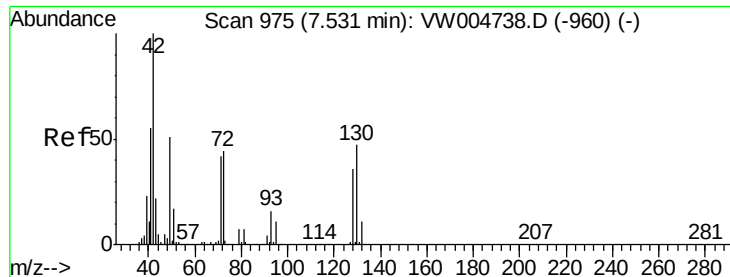
Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	49	Resp:	285789
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	79.1	63.7	95.5





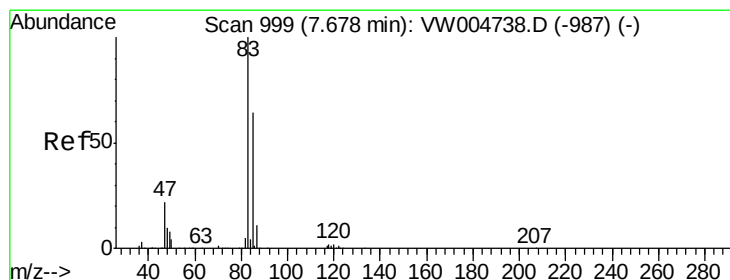
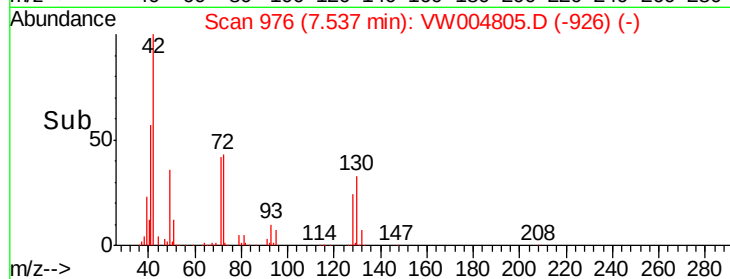
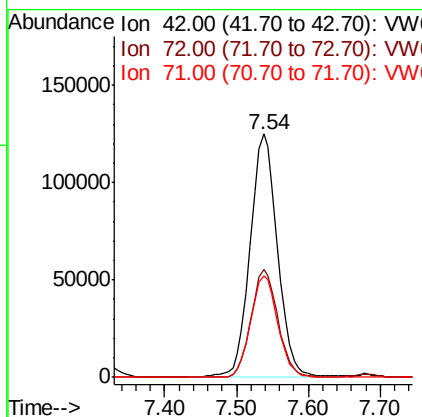
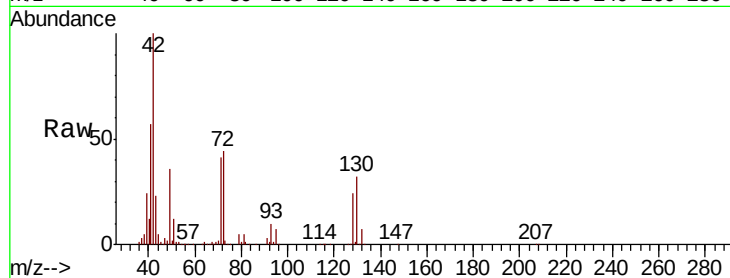
#29
Tetrahydrofuran
Concen: 274.16 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	329700
Ion Ratio		Lower	Upper
42	100		
72	43.7	34.9	52.3
71	41.4	33.8	50.6

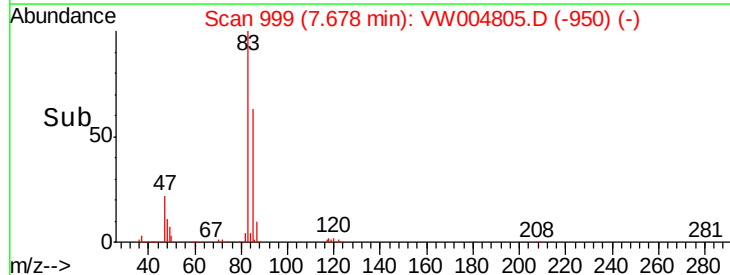
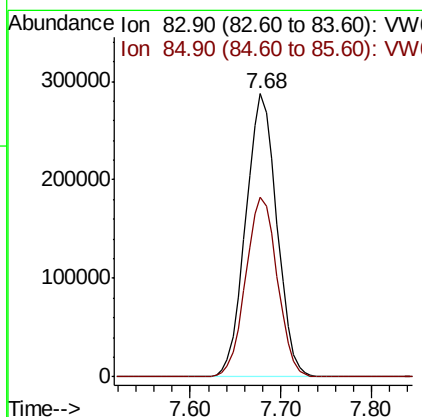
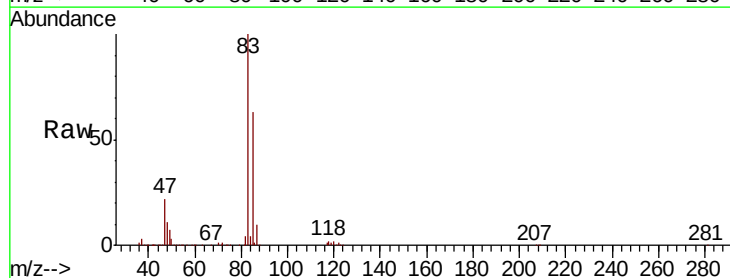
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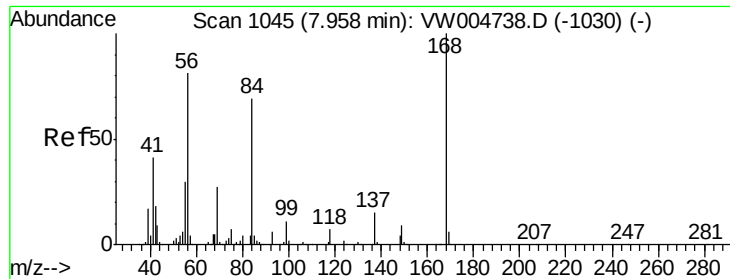
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#30
Chloroform
Concen: 53.04 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion:	83	Resp:	683442
Ion Ratio		Lower	Upper
83	100		
85	63.4	51.0	76.6





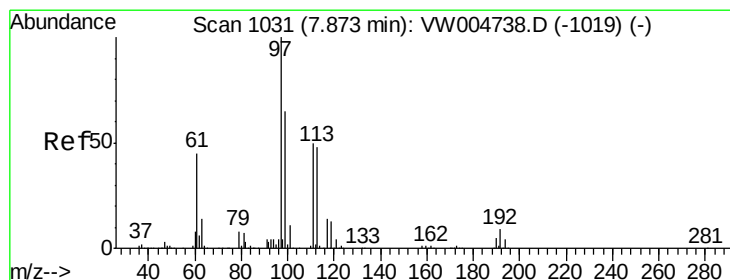
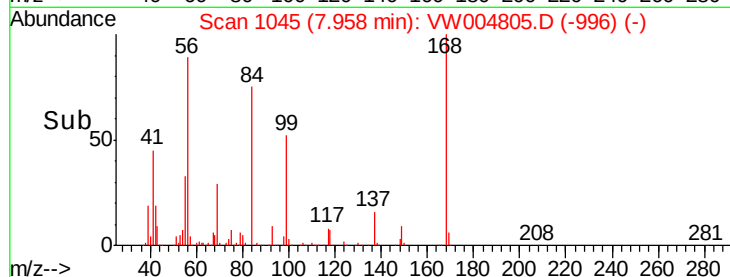
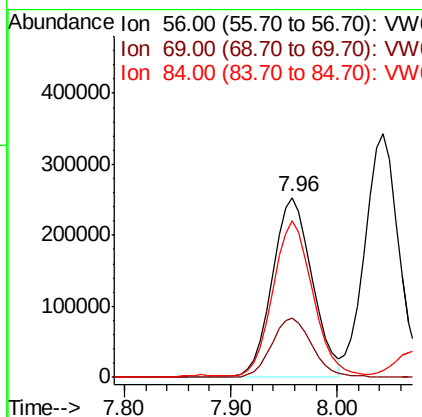
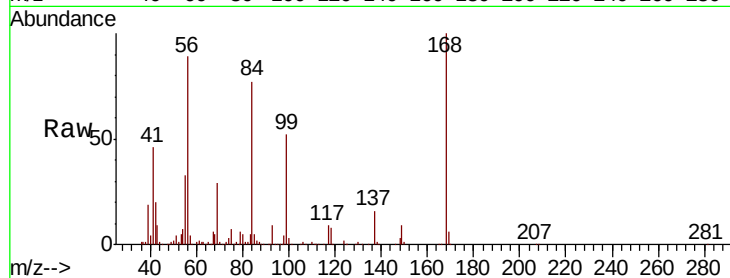
#31
Cyclohexane
Concen: 51.67 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	27.1	40.7
84	85.8	68.3	102.5

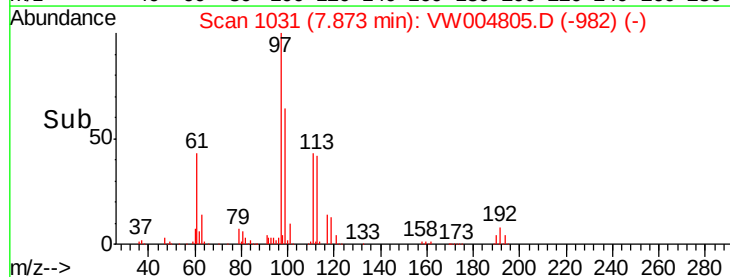
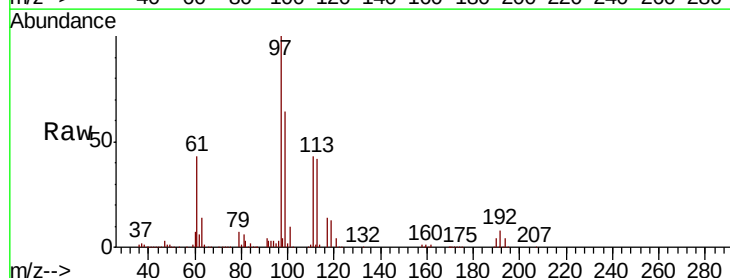
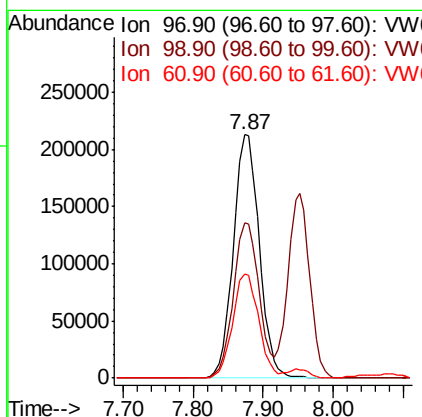
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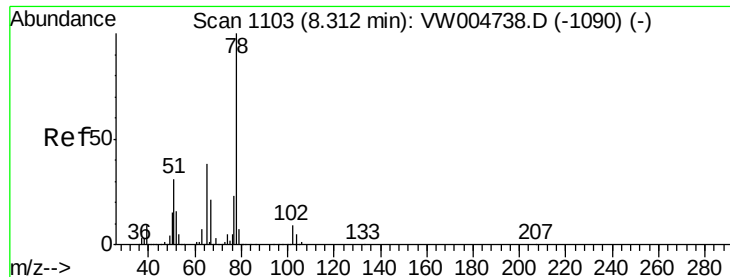
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#32
1,1,1-Trichloroethane
Concen: 53.74 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	43.3	34.4	51.6





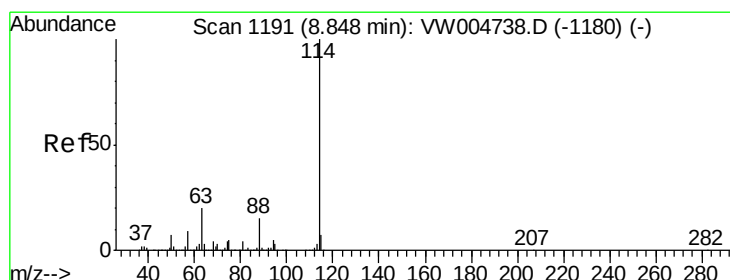
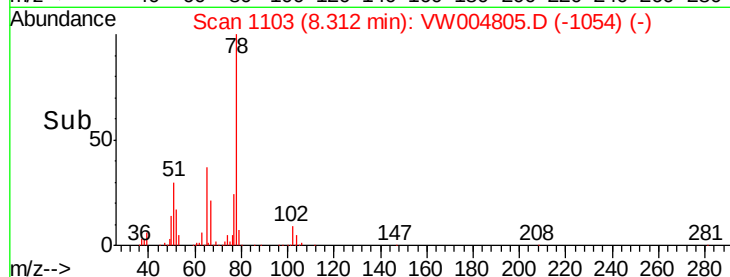
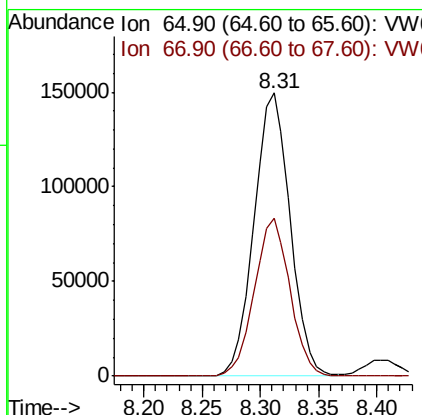
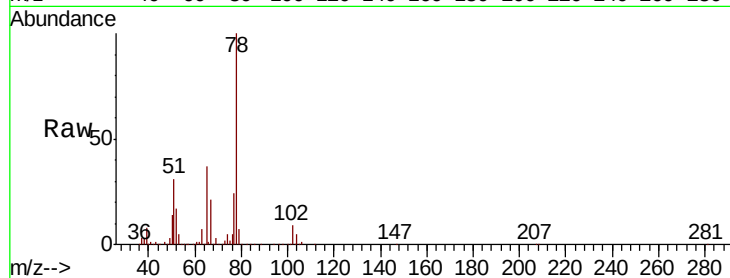
#33
 1,2-Dichloroethane-d4
 Concen: 49.86 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	109.4

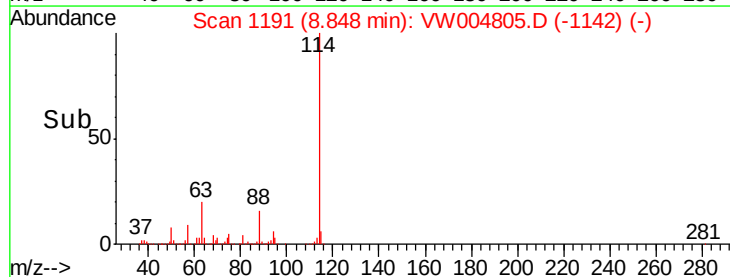
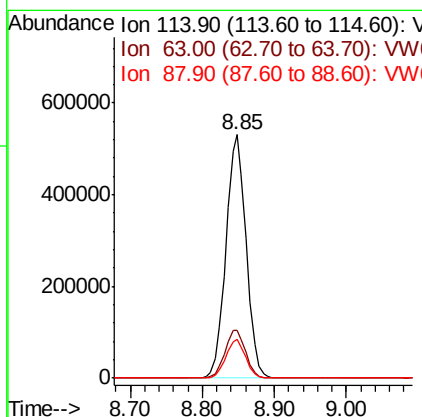
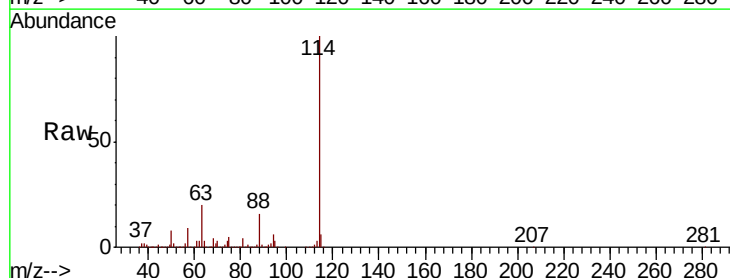
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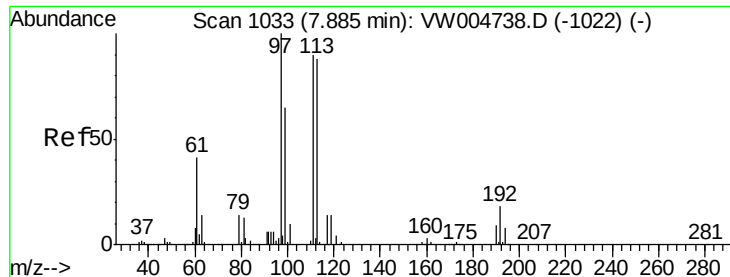
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.8	0.0	30.0





#35

Dibromofluoromethane

Concen: 50.29 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

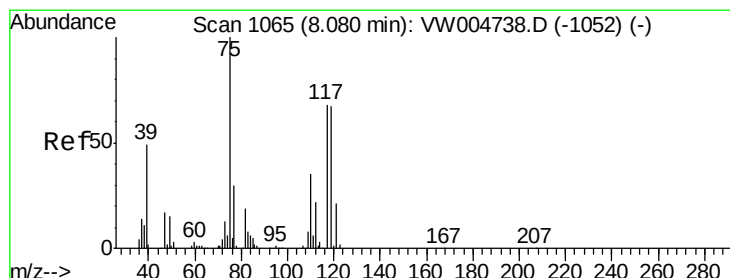
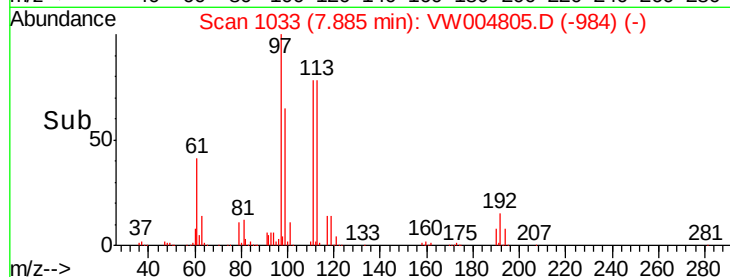
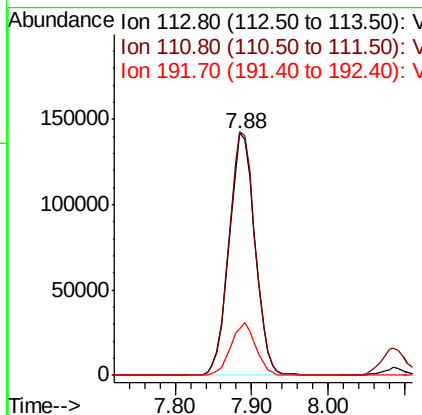
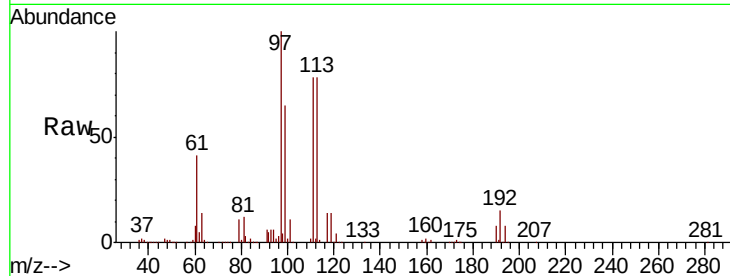
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	331325
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.4	123.6
192	20.9	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 51.64 ug/l

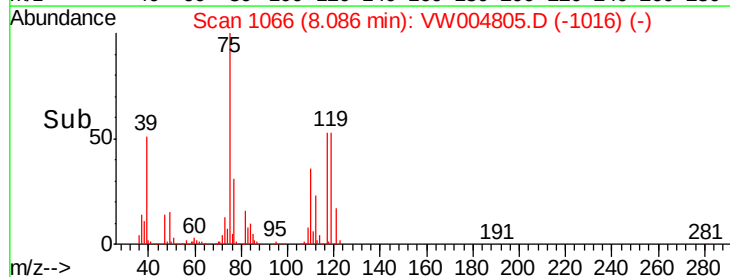
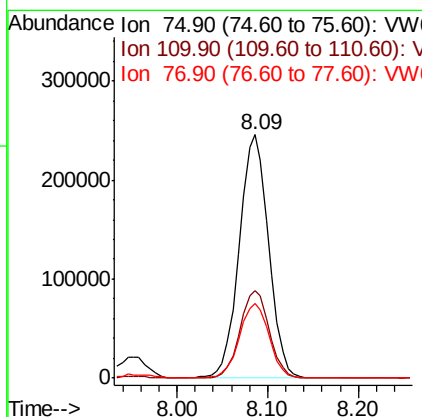
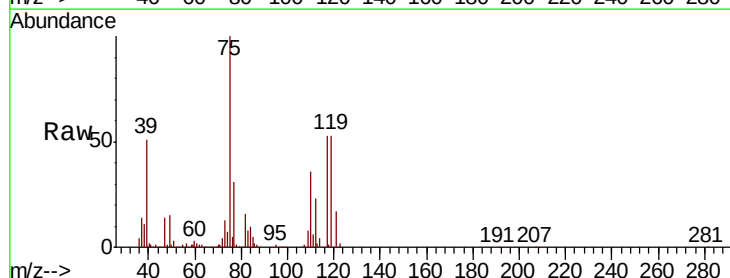
RT: 8.09 min Scan# 1066

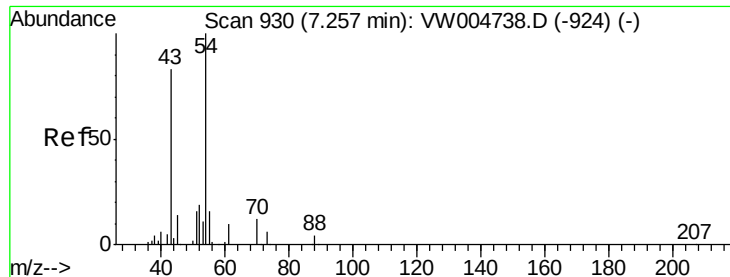
Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	75	Resp:	548350
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.8	53.5
77	31.4	24.9	37.3





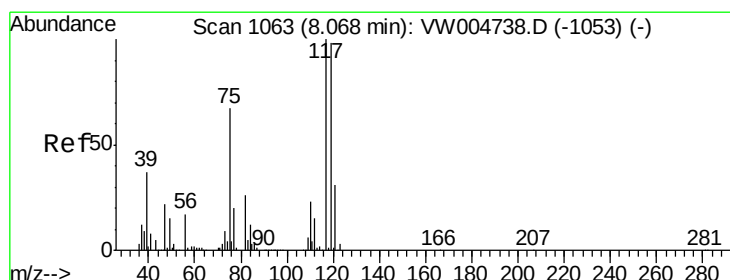
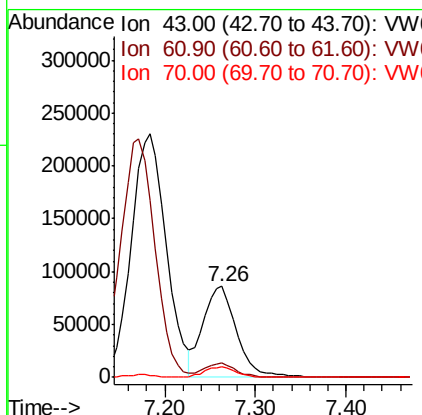
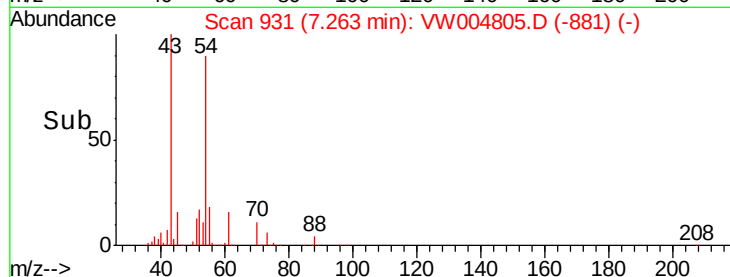
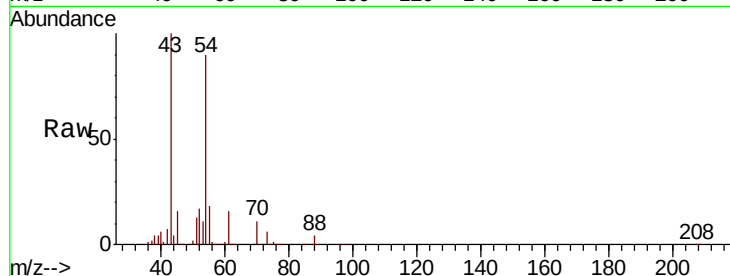
#37
Ethyl Acetate
Concen: 52.33 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	10.5	9.2	13.8

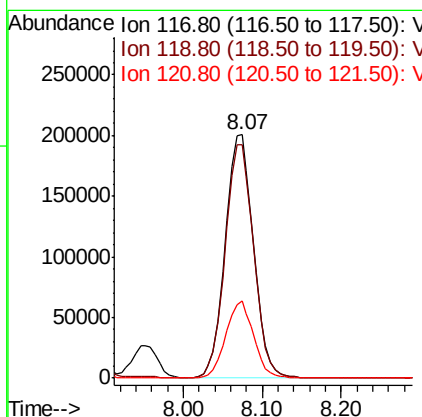
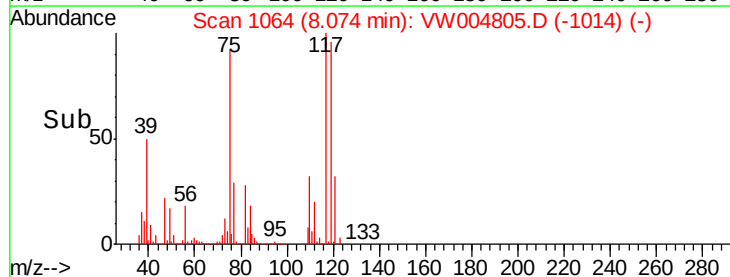
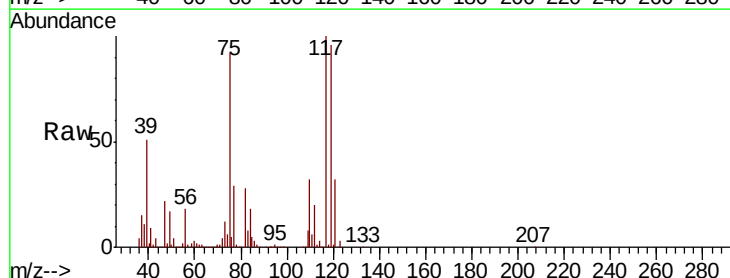
Manual Integrations
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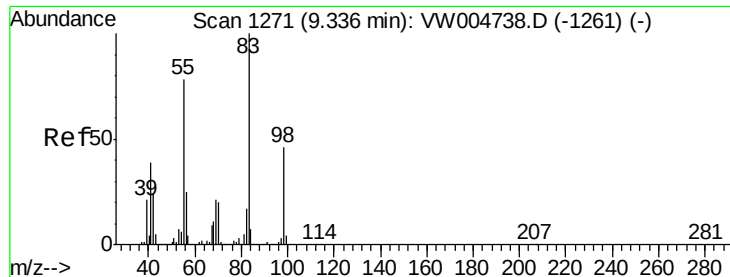
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#38
Carbon Tetrachloride
Concen: 51.25 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
121	31.6	24.8	37.2





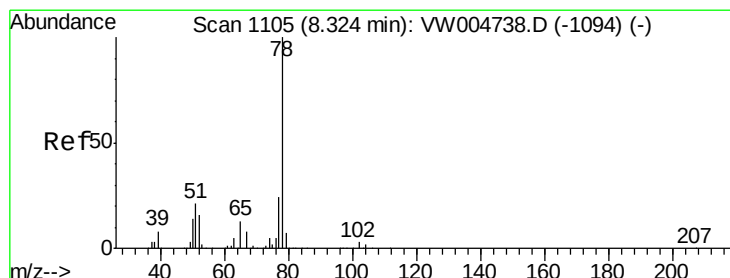
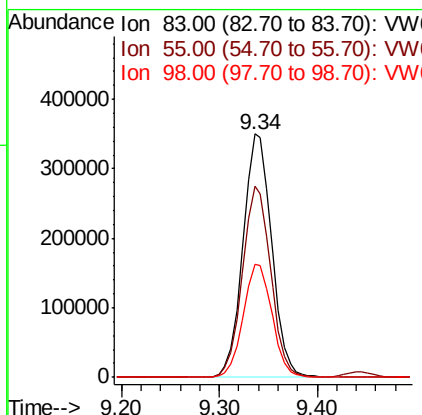
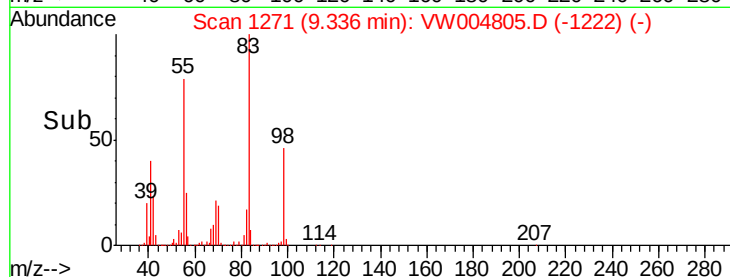
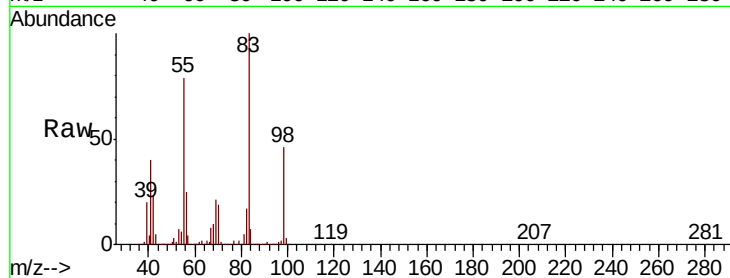
#39
Methylvlcyclohexane
Concen: 53.73 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.4	93.6
98	46.3	36.5	54.7

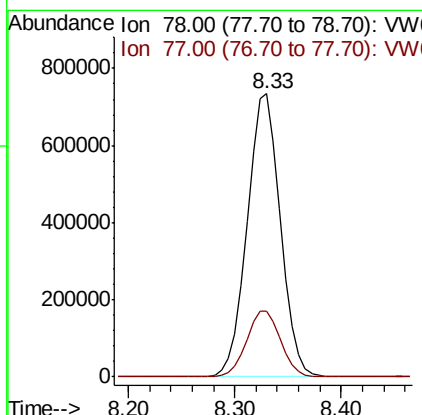
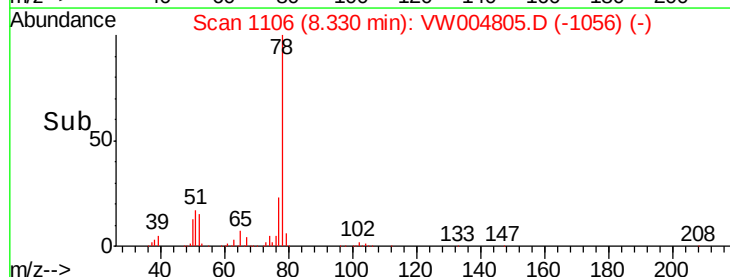
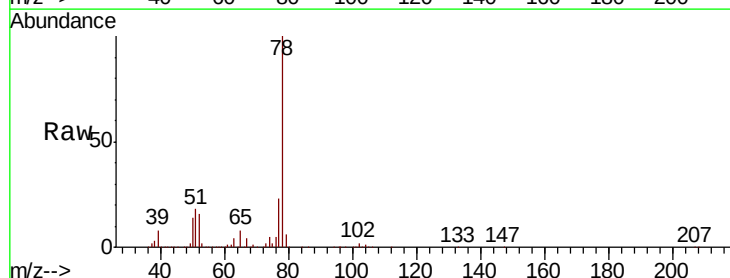
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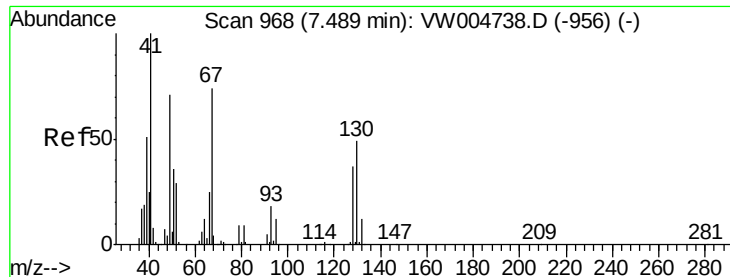
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#40
Benzene
Concen: 51.96 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





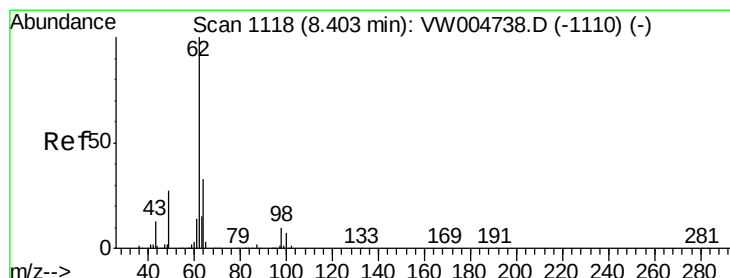
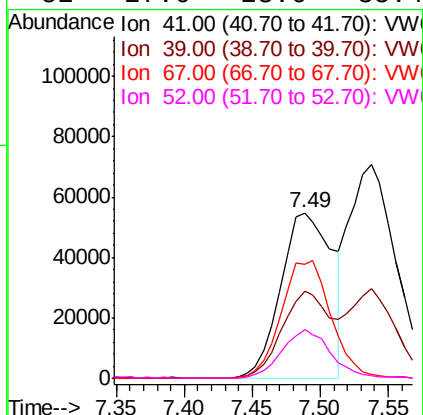
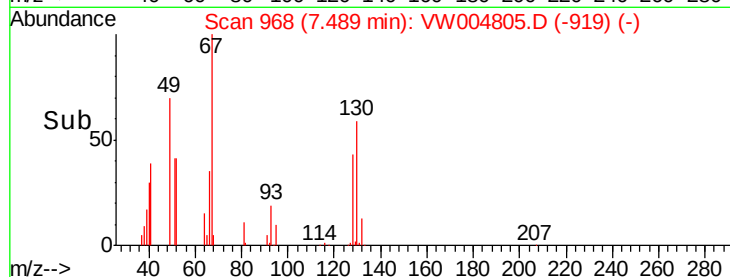
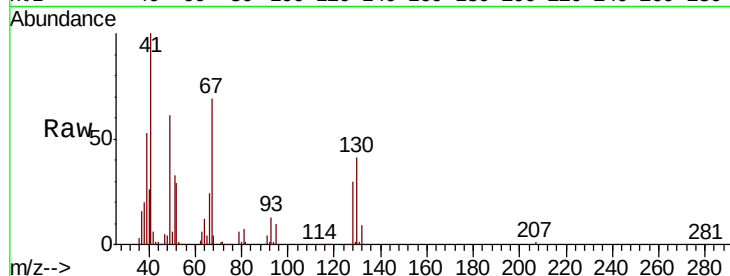
#41
Methacrylonitrile
Concen: 60.12 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		144427		
39	50.0	41.0	61.4		
67	69.0	59.5	89.3		
52	27.6	23.6	35.4		

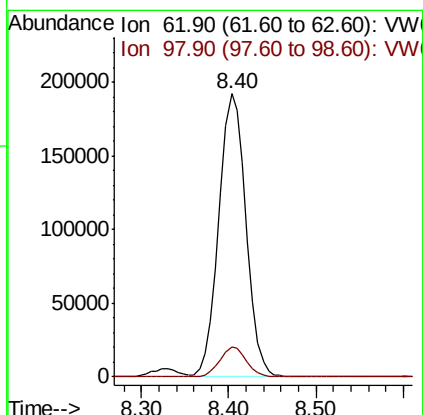
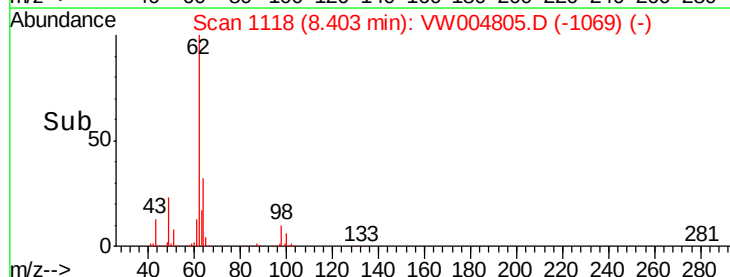
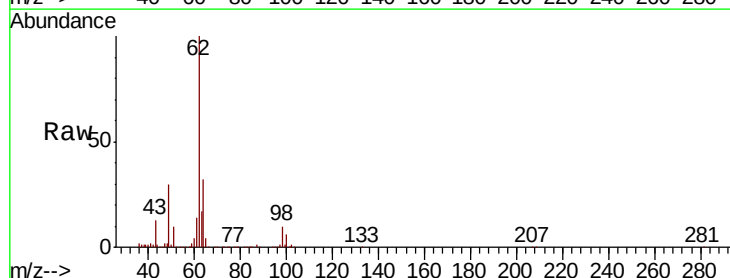
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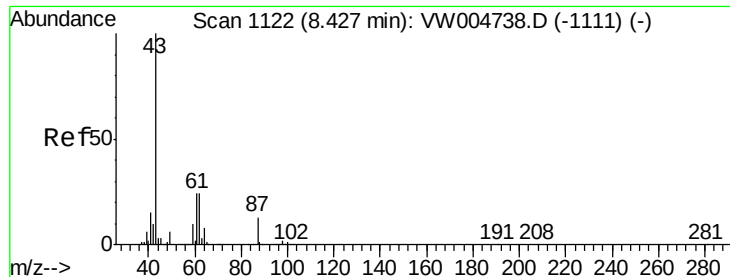
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#42
1,2-Dichloroethane
Concen: 52.41 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		414706		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 54.47 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

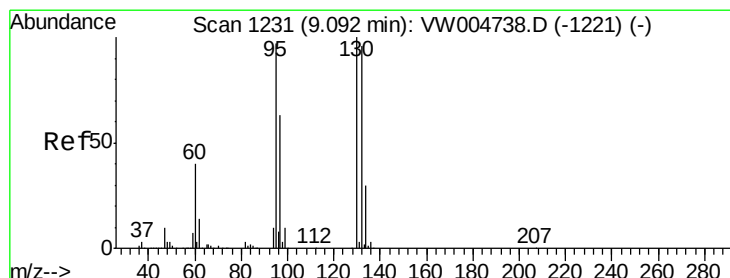
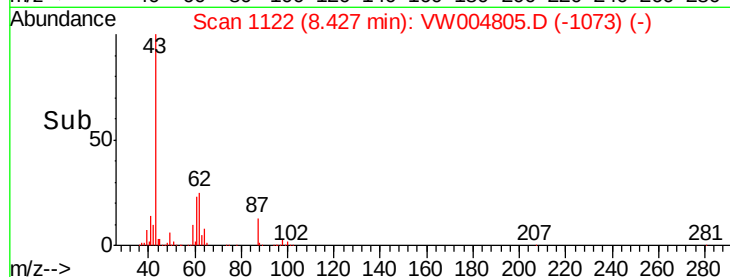
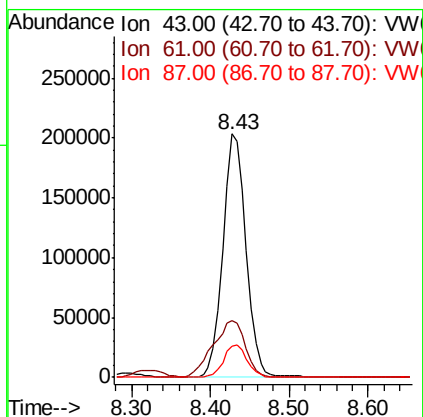
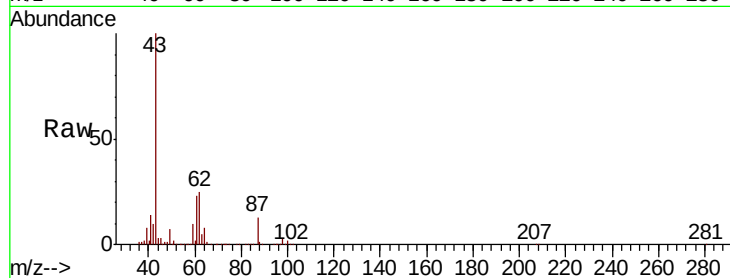
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	414111
Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.2	39.4
87	13.7	10.9	16.3

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#44

Trichloroethene

Concen: 51.56 ug/l

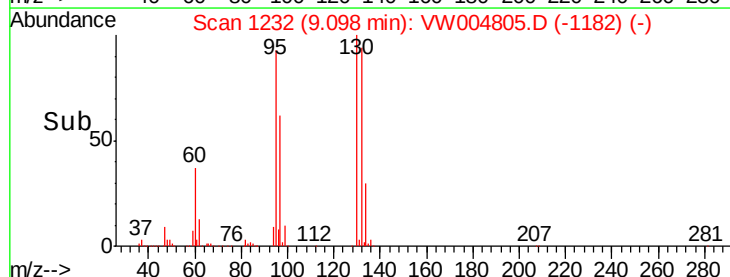
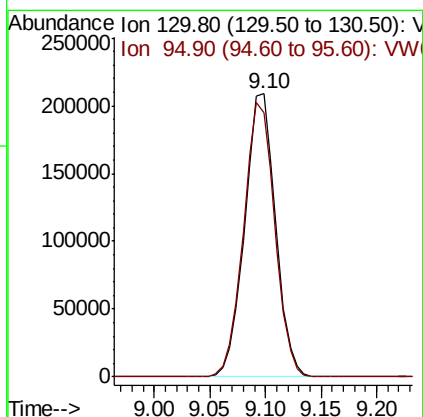
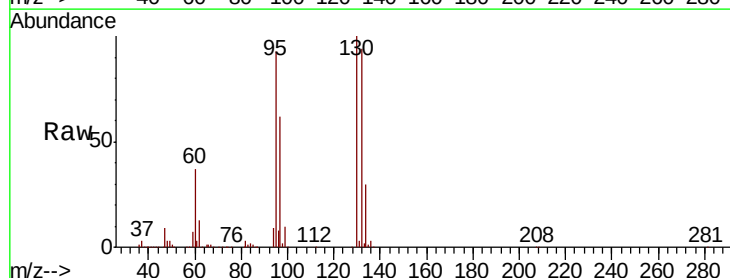
RT: 9.10 min Scan# 1232

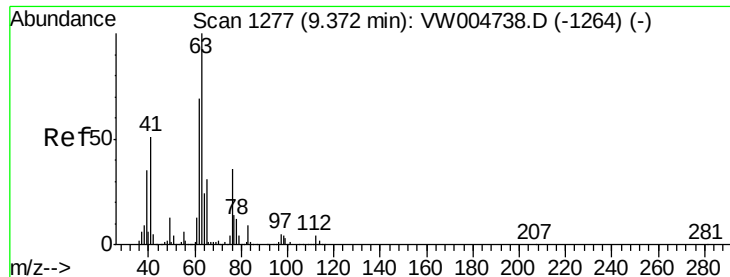
Delta R.T. 0.01 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	130	Resp:	403864
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	194.4





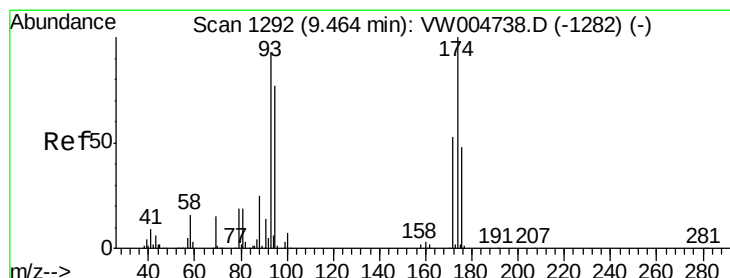
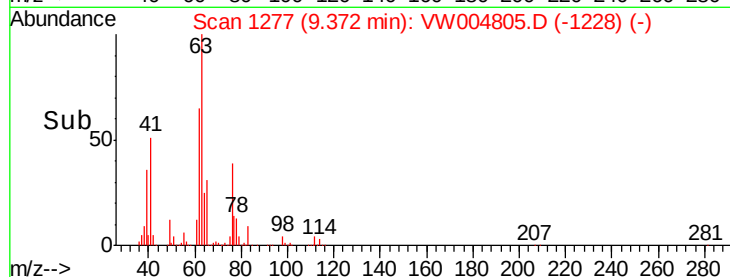
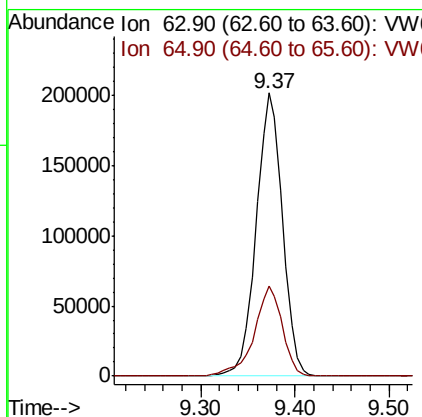
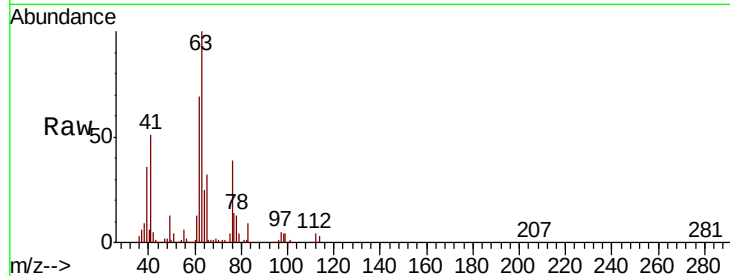
#45
 1,2-Dichloropropane
 Concen: 52.35 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.6	37.0

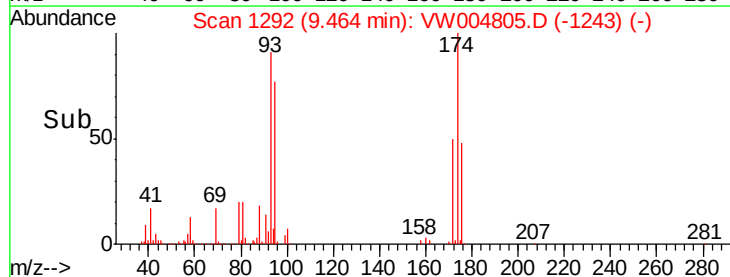
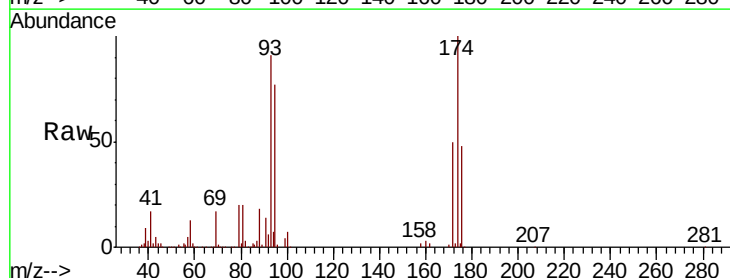
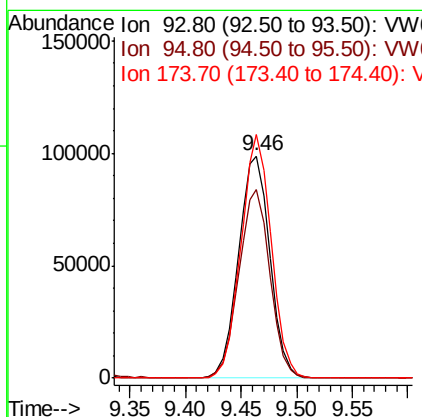
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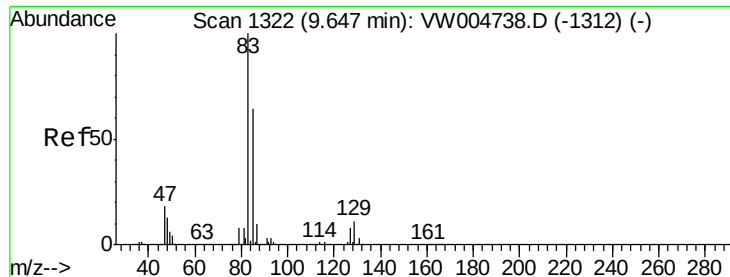
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#46
 Dibromomethane
 Concen: 51.62 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.6	99.8
174	106.1	85.3	127.9





#47

Bromodichloromethane

Concen: 52.75 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

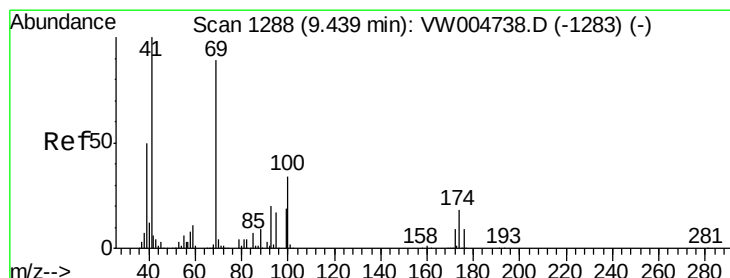
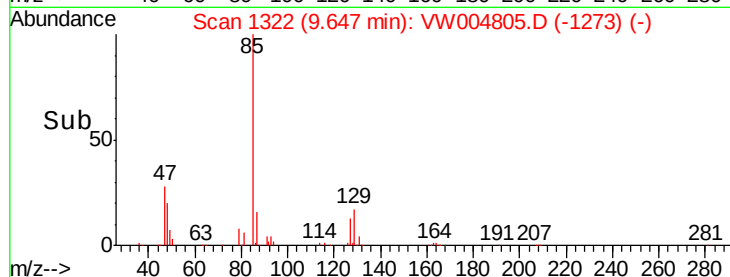
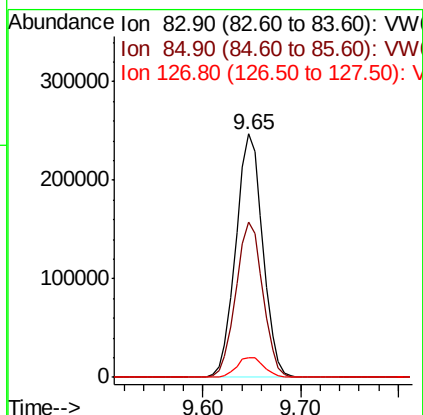
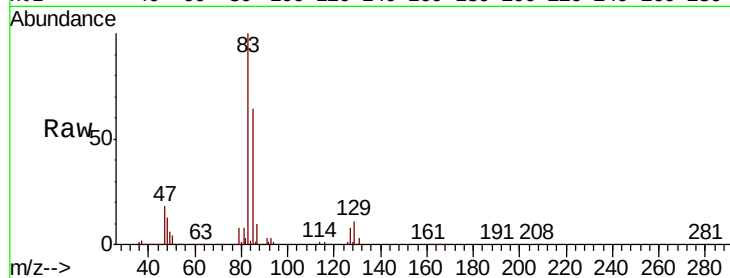
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	471146
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.2	76.8
127	8.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 55.17 ug/l

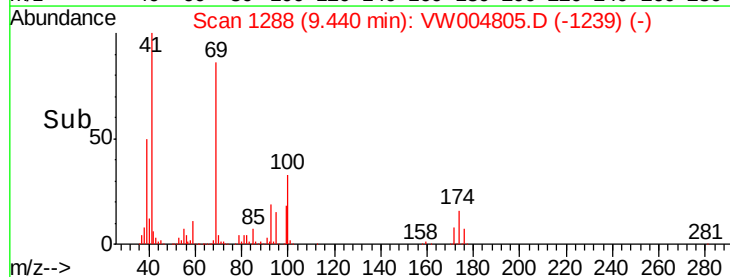
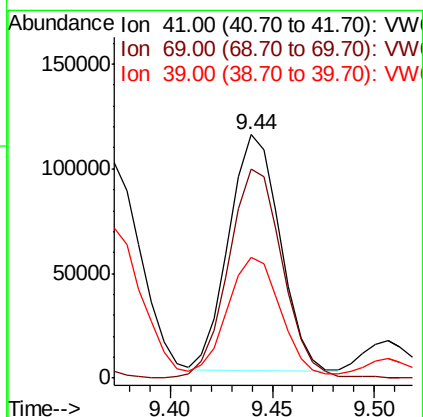
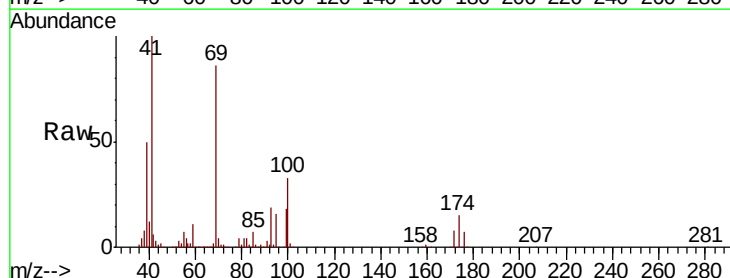
RT: 9.44 min Scan# 1288

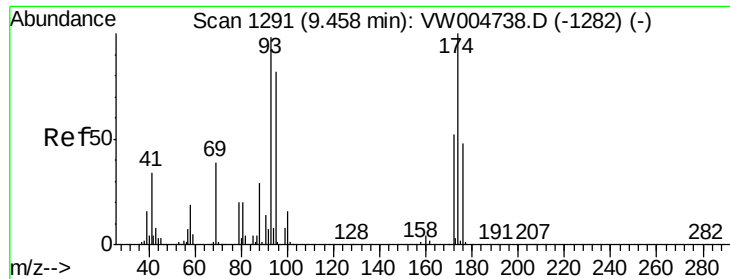
Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	41	Resp:	196831
Ion	Ratio	Lower	Upper
41	100		
69	93.4	75.2	112.8
39	50.1	39.8	59.6





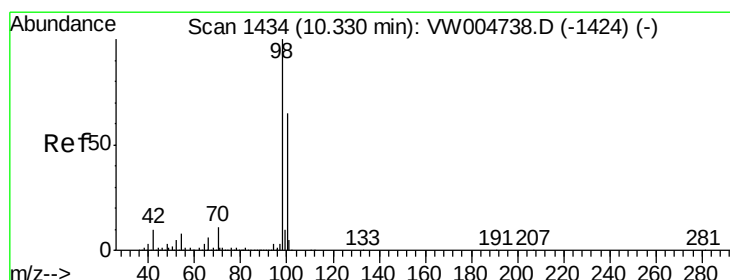
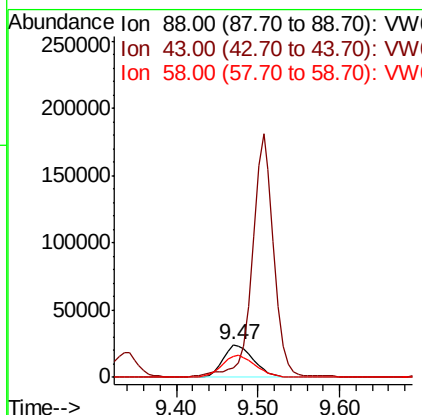
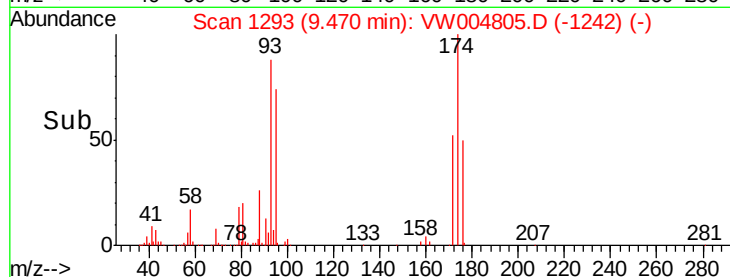
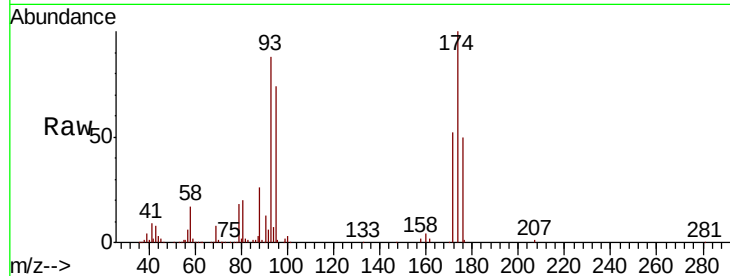
#49
1,4-Dioxane
Concen: 1139.92 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	76.2	60.0	90.0

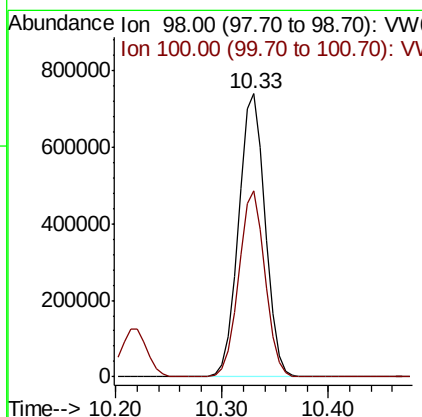
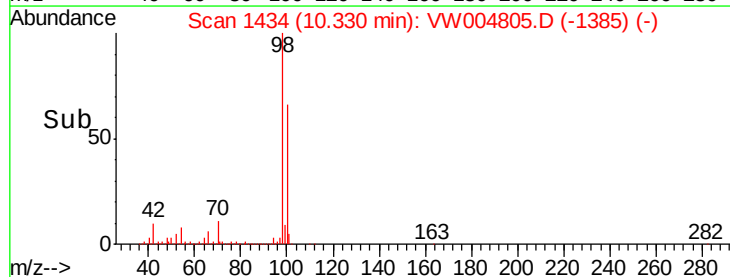
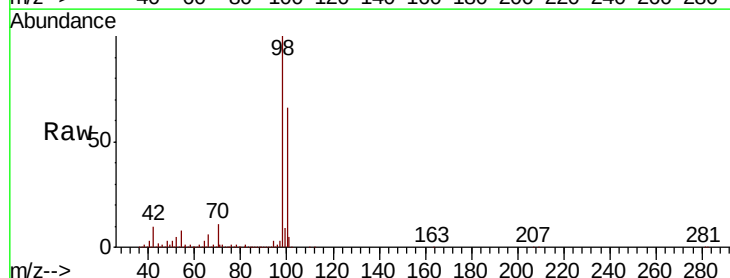
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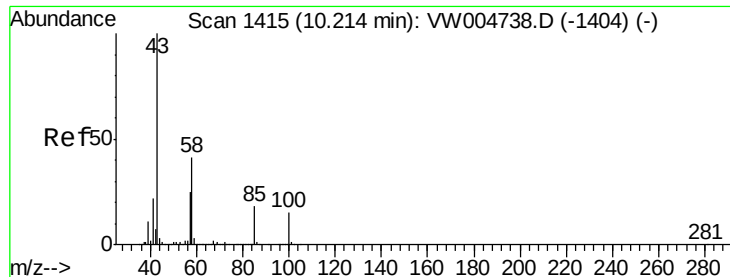
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#50
Toluene-d8
Concen: 50.30 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





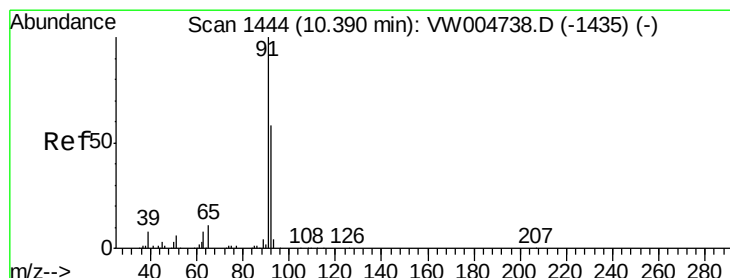
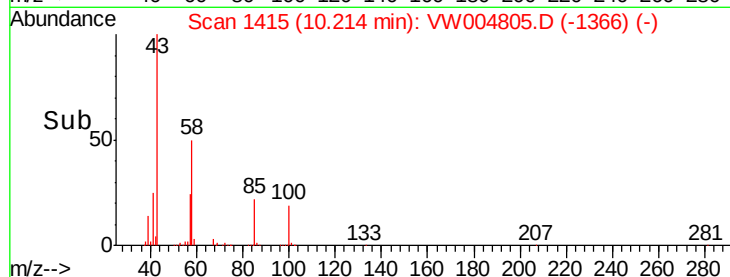
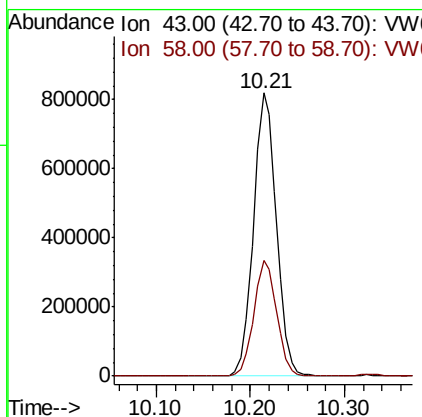
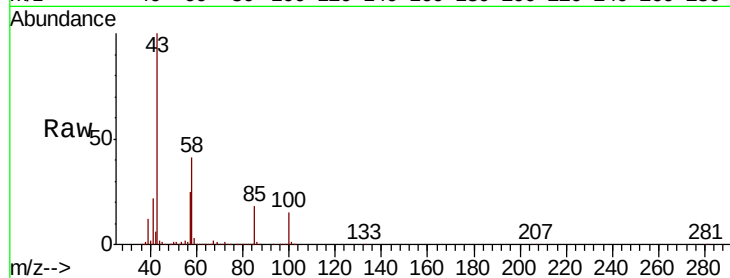
#51
4-Methyl-2-Pentanone
Concen: 273.39 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 1404853
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1

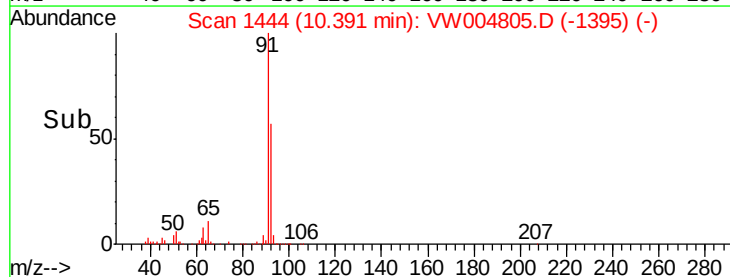
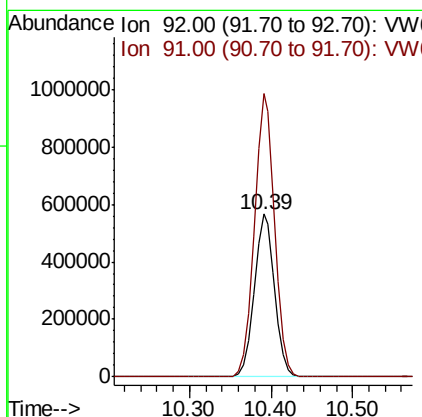
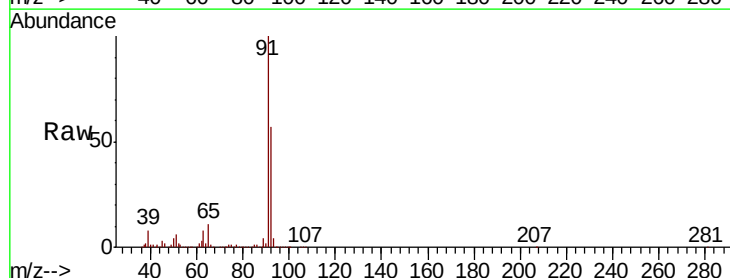
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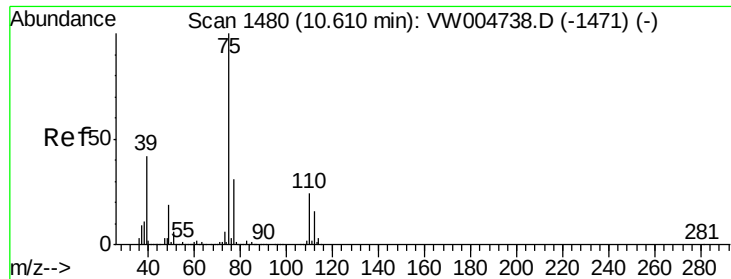
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#52
Toluene
Concen: 53.16 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion: 92 Resp: 983906
Ion Ratio Lower Upper
92 100
91 173.1 138.3 207.5





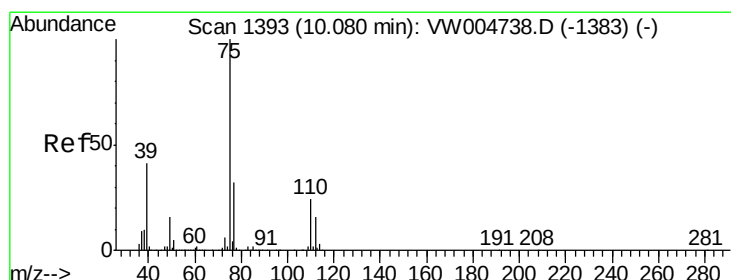
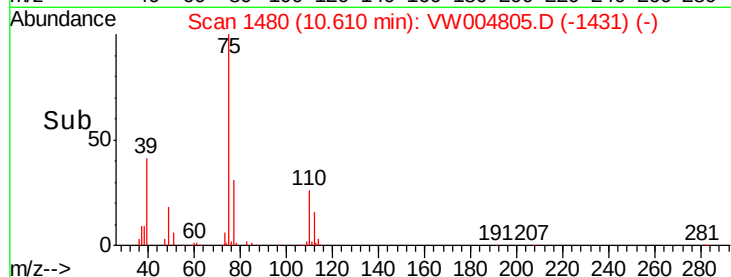
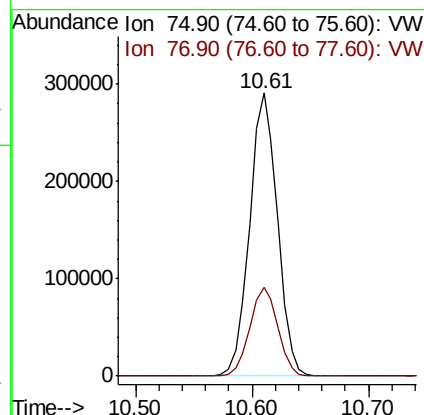
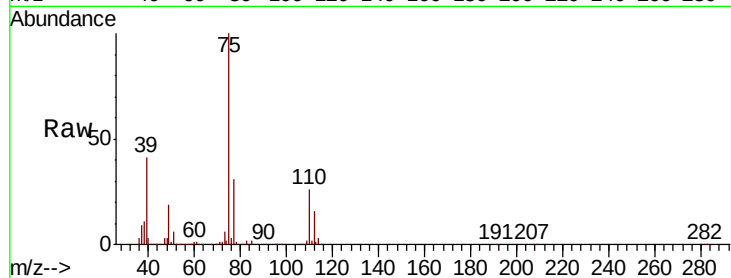
#53
t-1,3-Dichloropropene
Concen: 53.80 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2

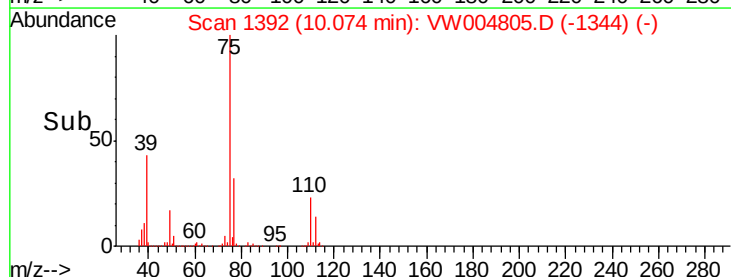
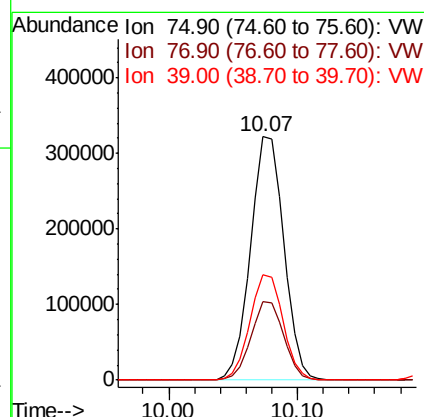
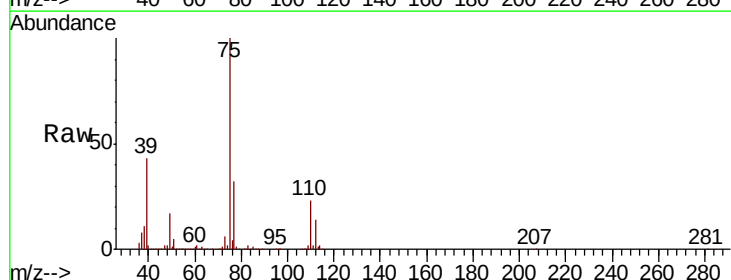
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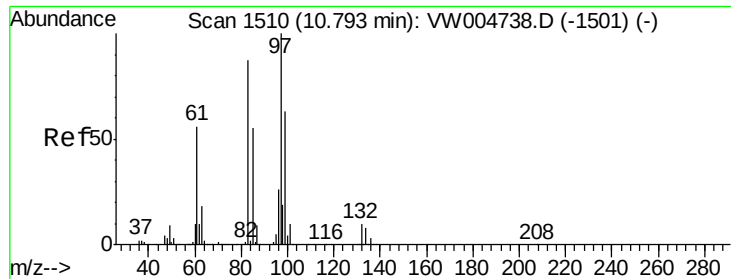
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#54
cis-1,3-Dichloropropene
Concen: 53.56 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.6	38.4
39	43.2	33.0	49.4





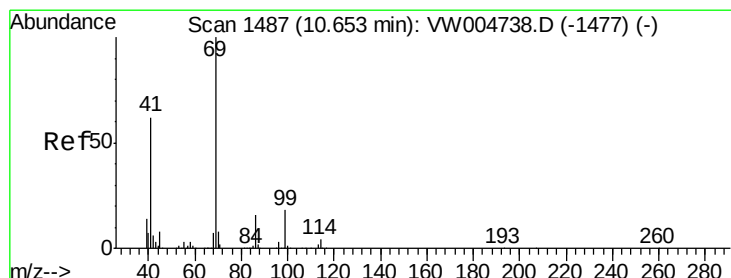
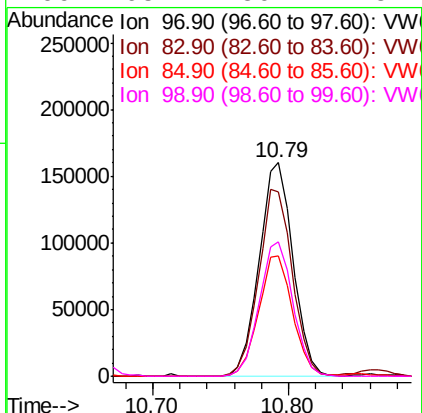
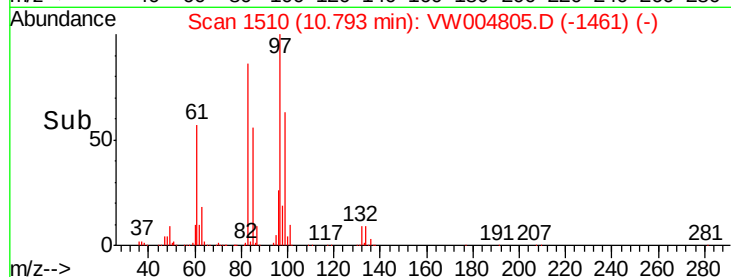
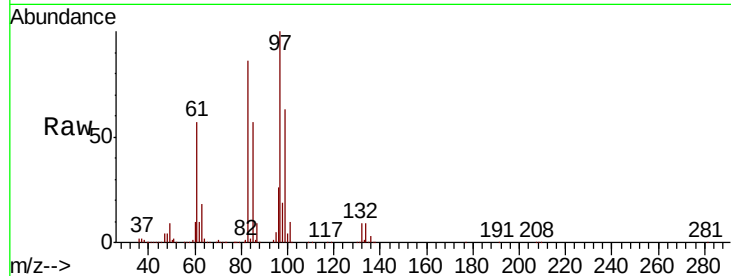
#55
 1,1,2-Trichloroethane
 Concen: 52.44 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		278775		
83	86.2	69.4	104.2		
85	56.4	44.3	66.5		
99	63.1	50.2	75.2		

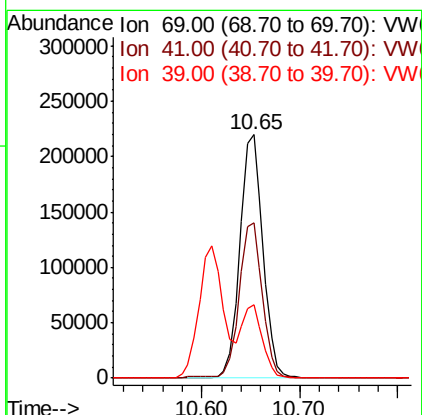
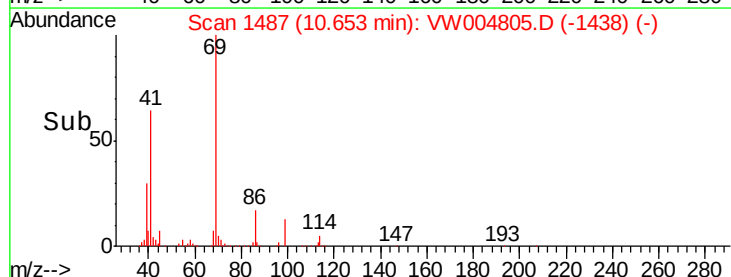
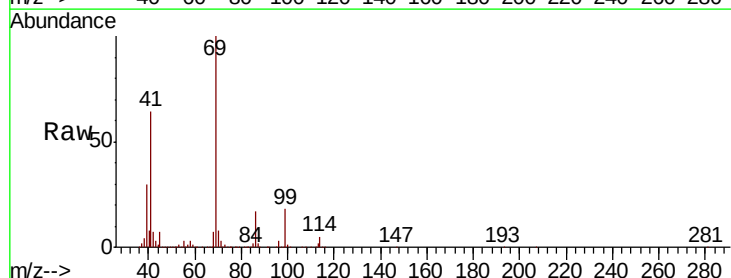
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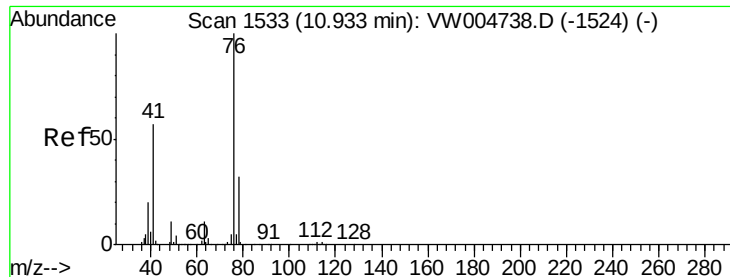
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#56
 Ethyl methacrylate
 Concen: 51.34 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		357106		
41	63.3	50.7	76.1		
39	26.7	21.4	32.2		





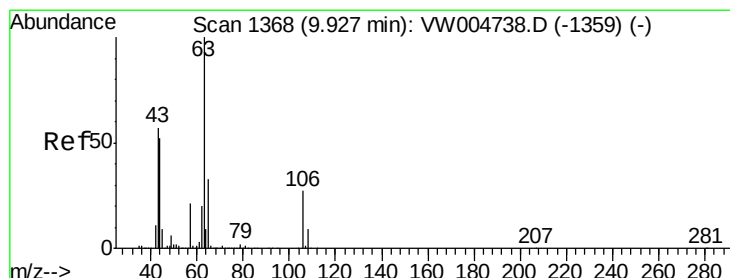
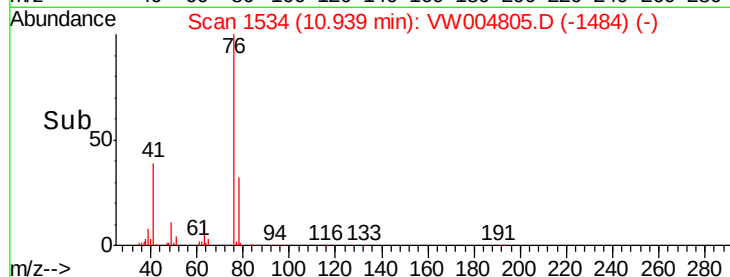
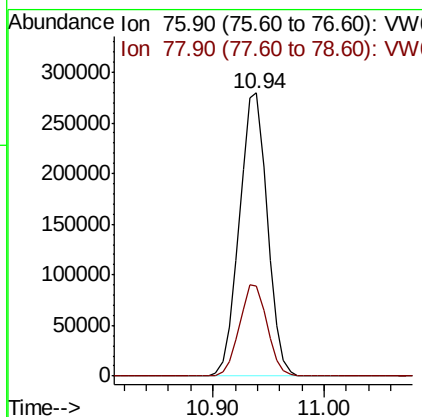
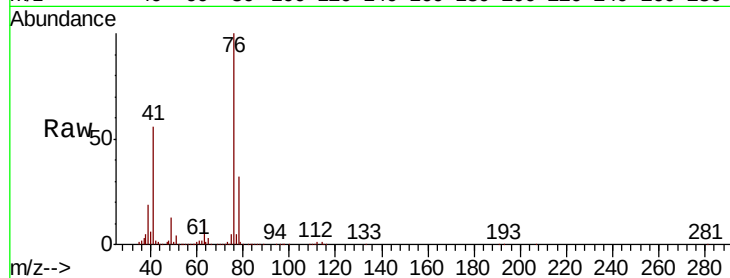
#57
 1,3-Dichloropropane
 Concen: 53.03 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

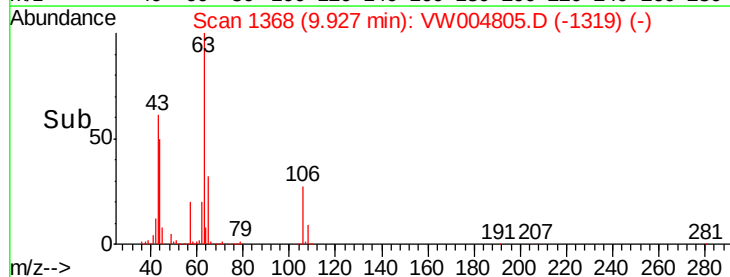
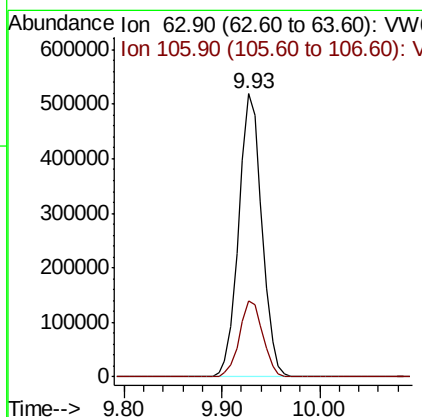
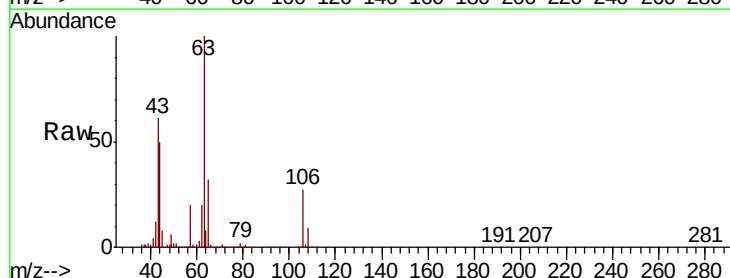
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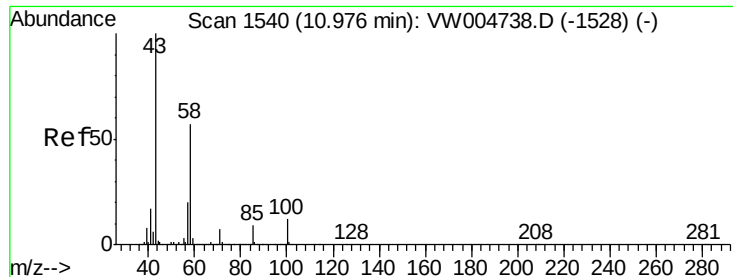
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#58
 2-Chloroethyl Vinyl ether
 Concen: 290.93 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	22.1	33.1





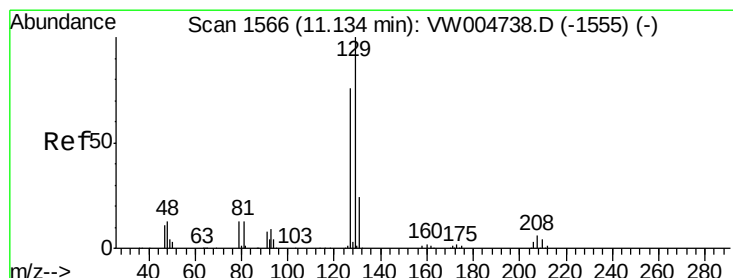
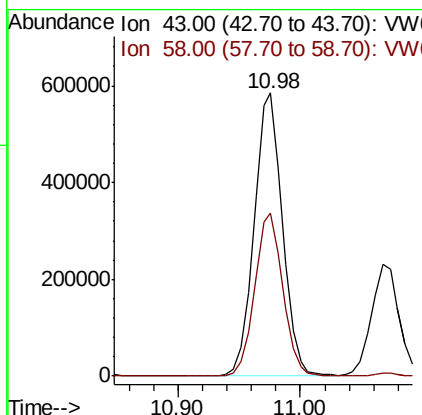
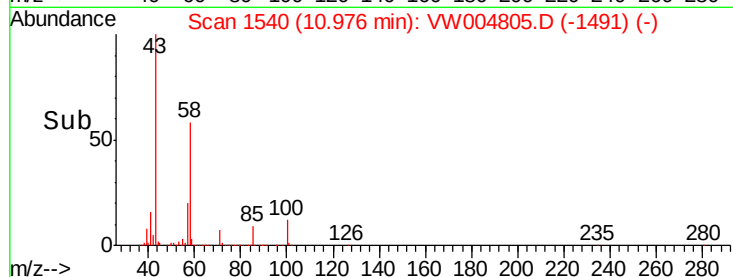
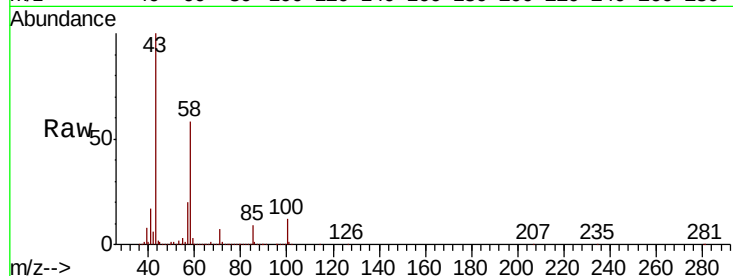
#59
2-Hexanone
Concen: 270.93 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	28.1	84.4

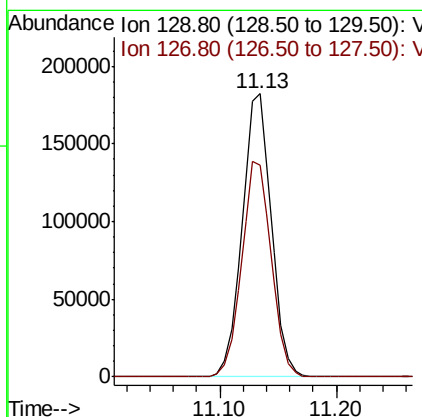
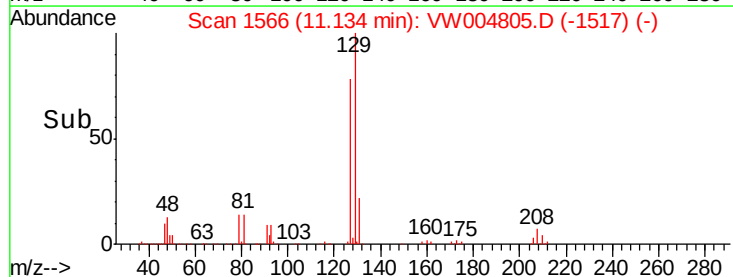
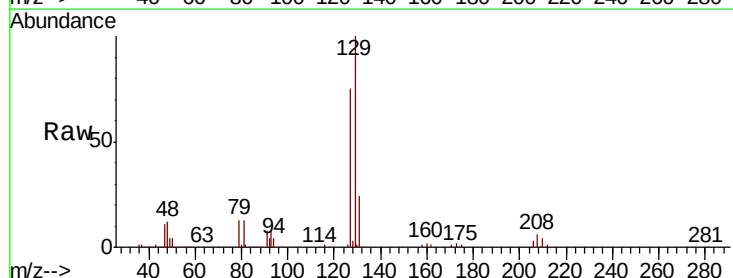
Manual Integrations
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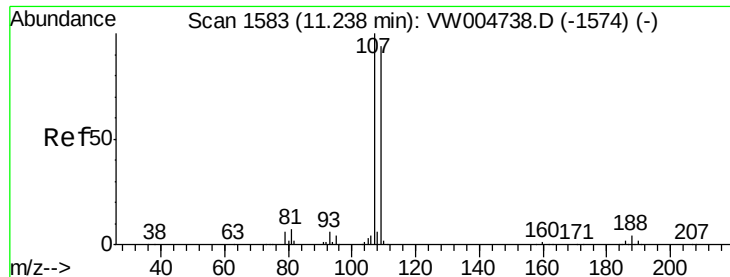
apatel
8/21/2018 11:32:38 AM



#60
Dibromochloromethane
Concen: 53.27 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





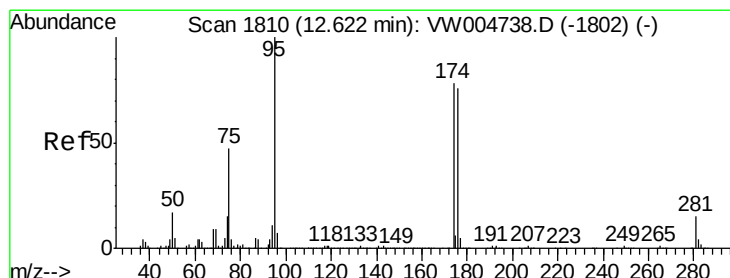
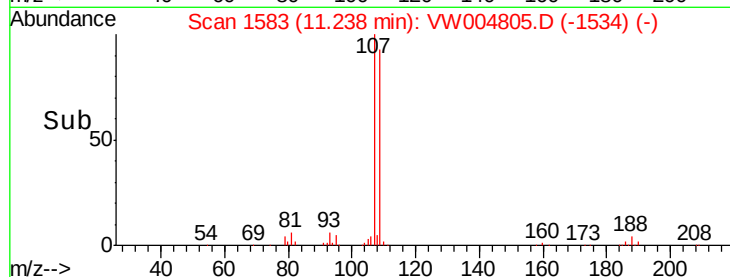
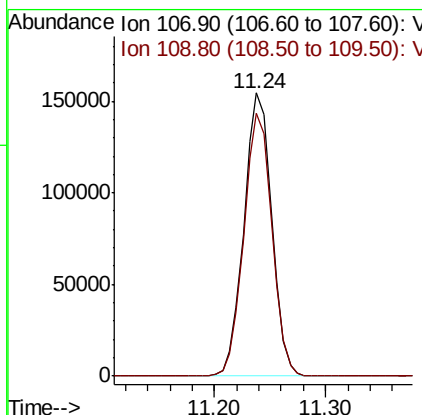
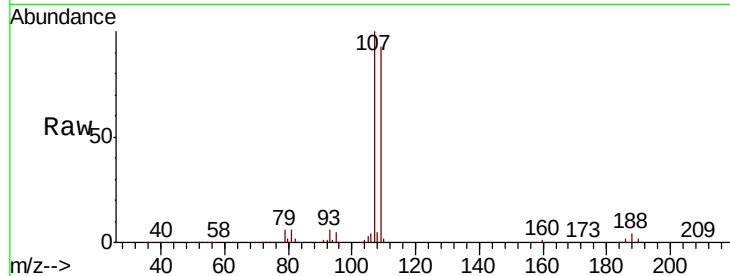
#61
 1,2-Dibromoethane
 Concen: 52.74 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.5	113.3

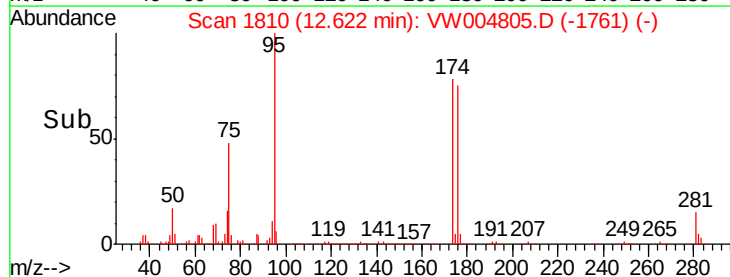
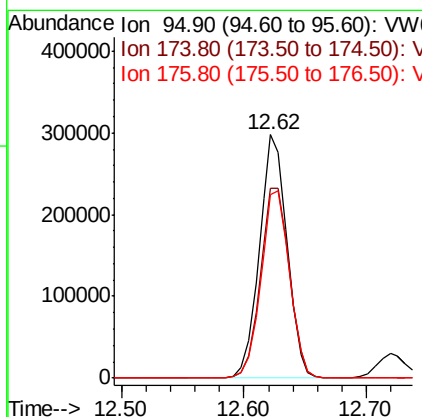
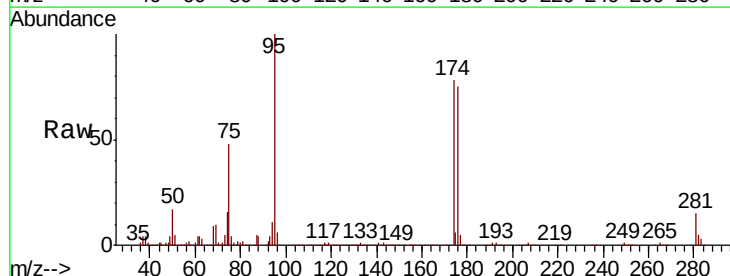
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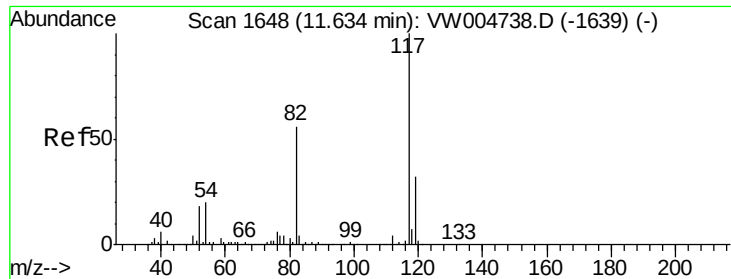
apatel
 8/21/2018 11:32:38 AM



#62
 4-Bromofluorobenzene
 Concen: 50.71 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.8
176	79.1	0.0	159.8





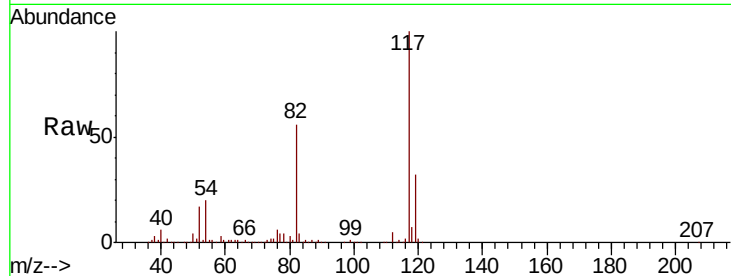
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	961155		
82	56.0	44.6	67.0	
119	31.9	25.6	38.4	

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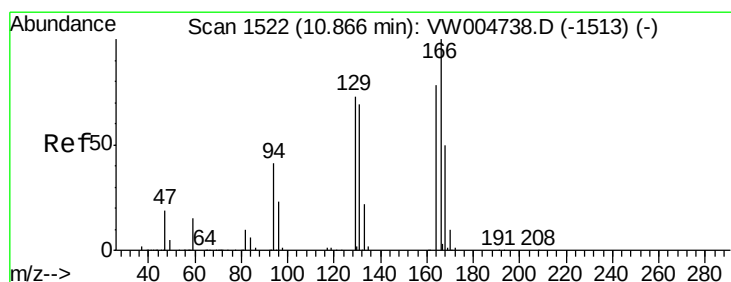
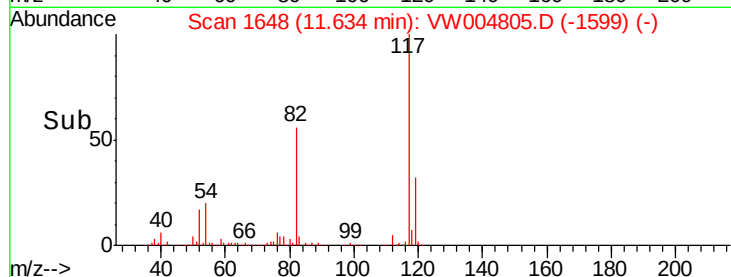
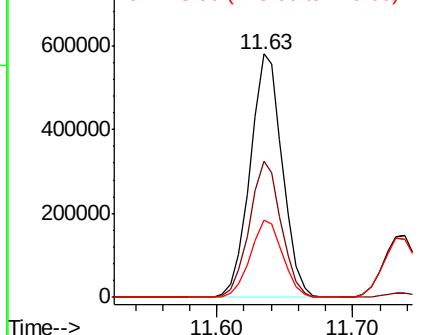


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.40 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	344182		
166	125.2	102.5	153.7	
129	92.3	75.1	112.7	
131	90.5	71.3	106.9	

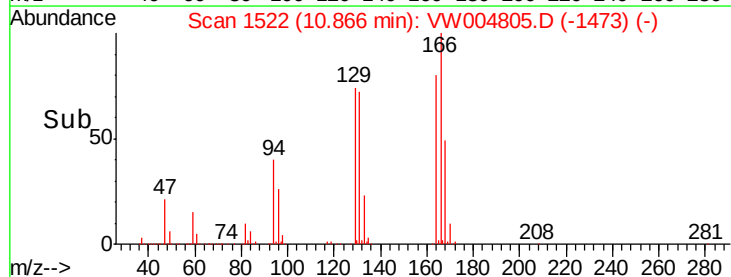
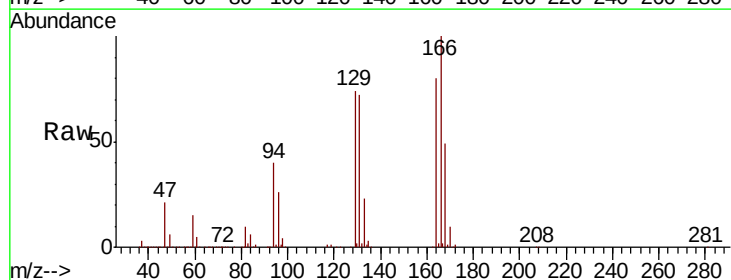
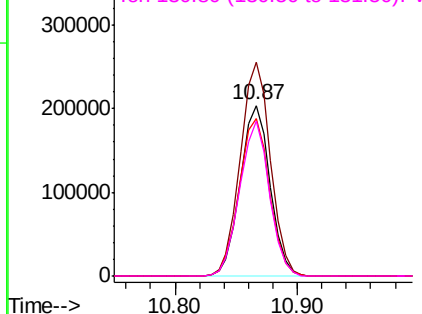
Abundance

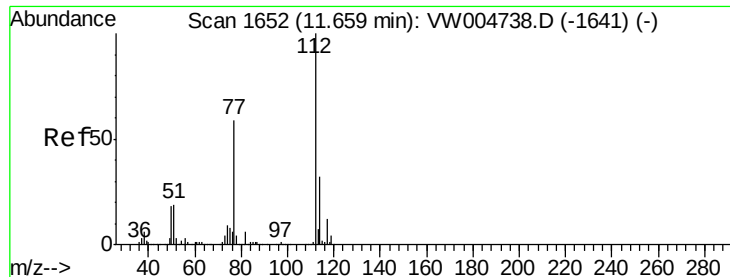
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





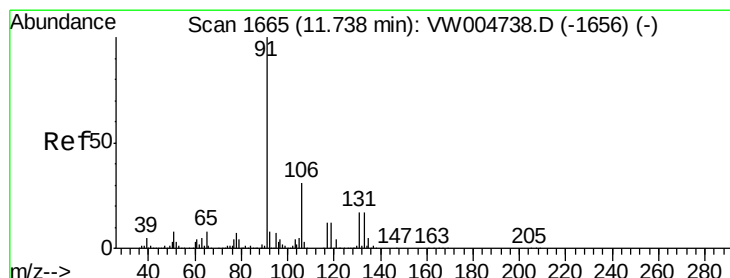
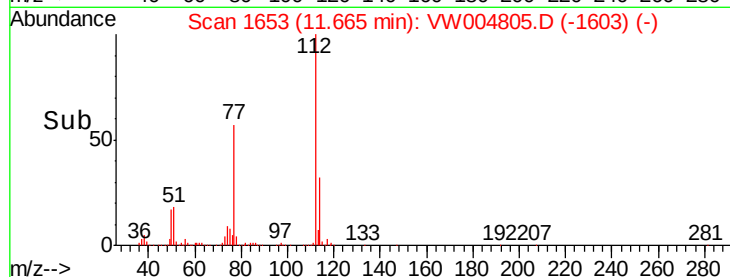
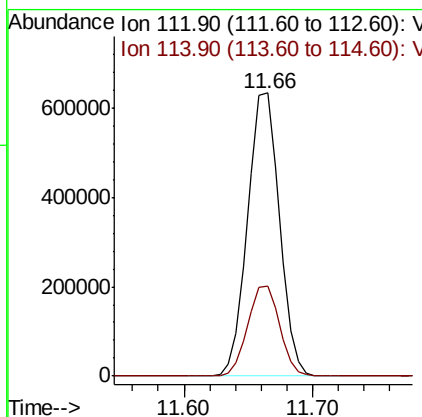
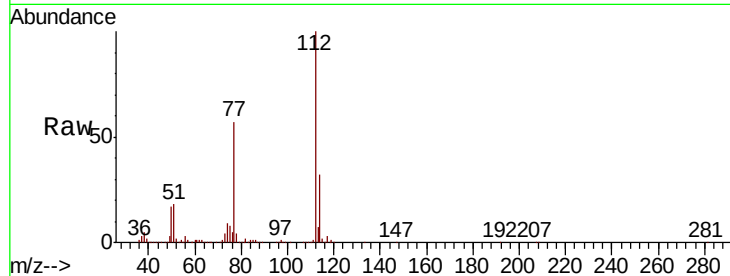
#65
Chlorobenzene
Concen: 52.17 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1079260
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

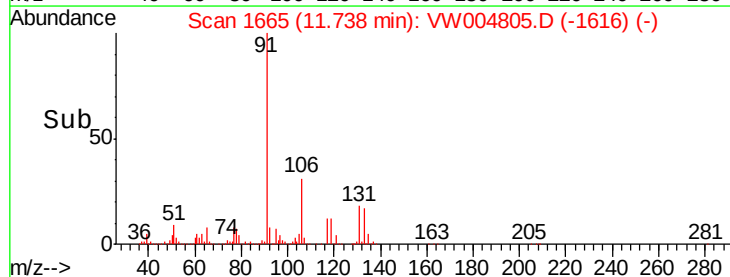
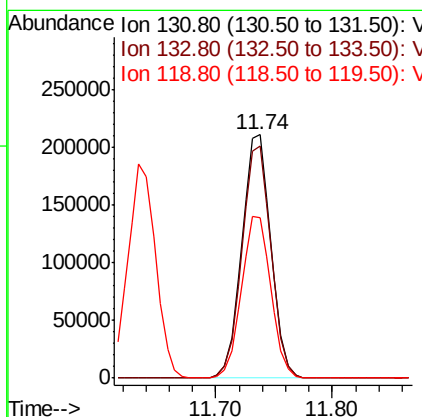
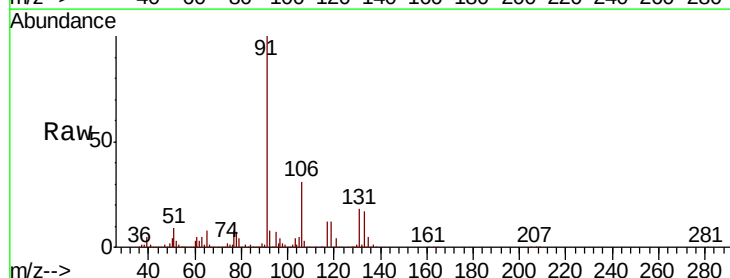
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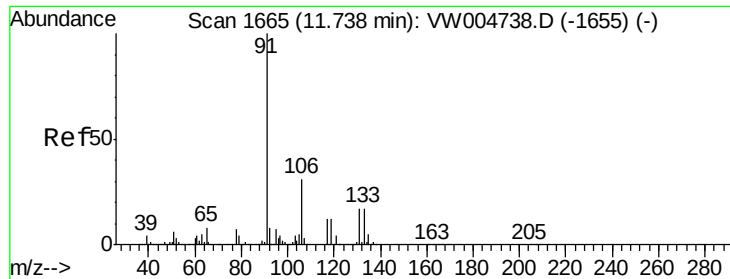
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.45 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion:131 Resp: 366338
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 67.3 34.0 102.0





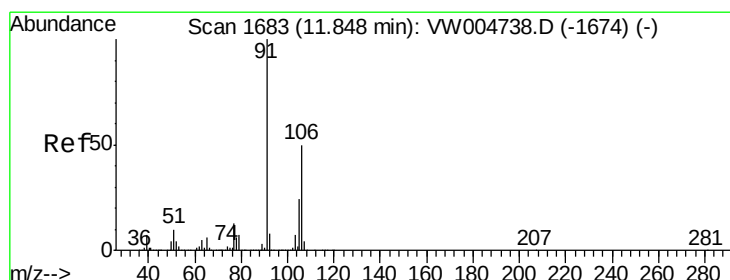
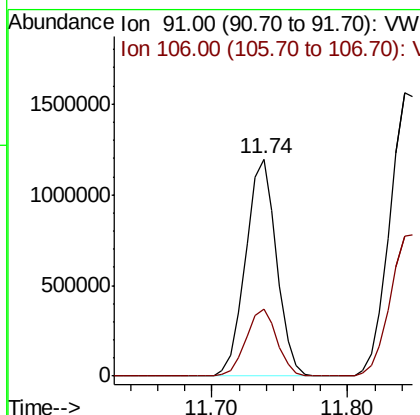
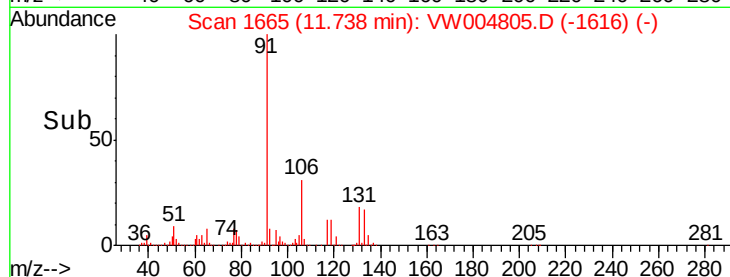
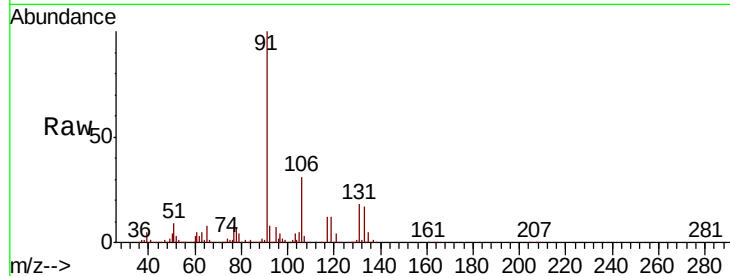
#67
Ethyl Benzene
Concen: 54.22 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1901550
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

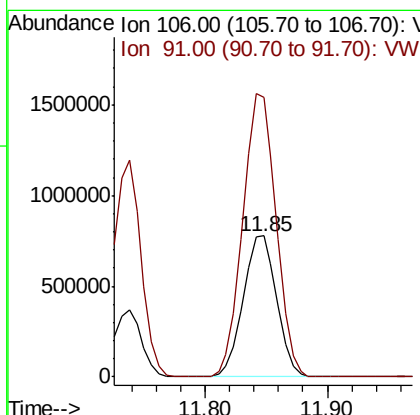
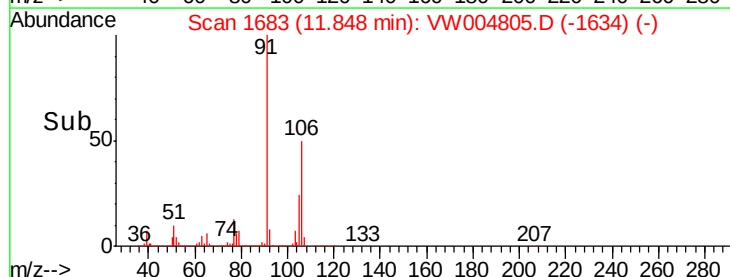
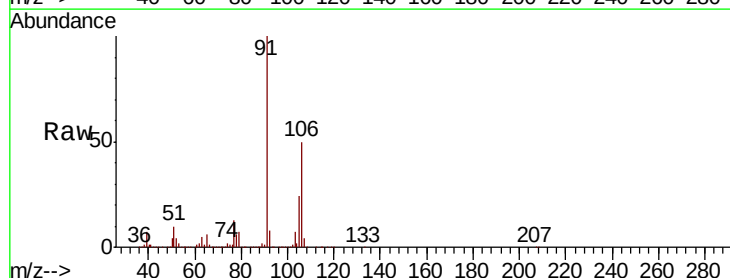
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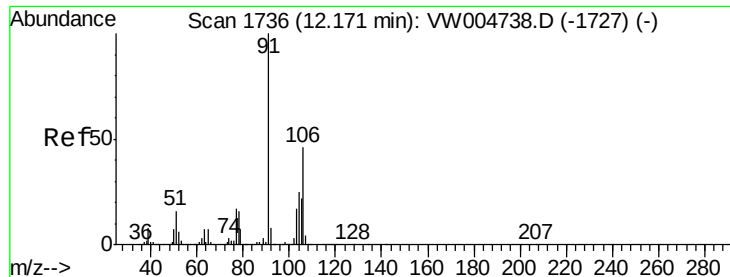
apatel
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#68
m/p-Xylenes
Concen: 108.15 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion: 106 Resp: 1475665
Ion Ratio Lower Upper
106 100
91 200.6 159.9 239.9





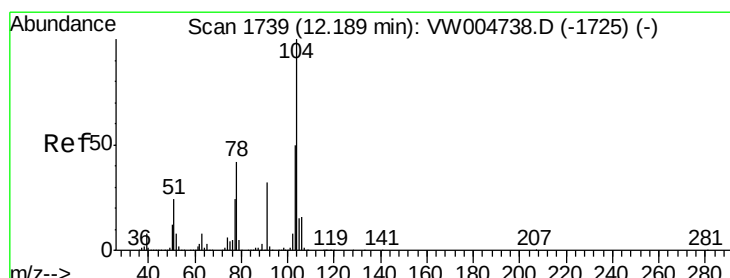
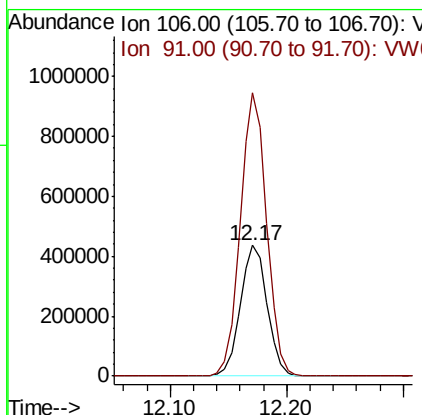
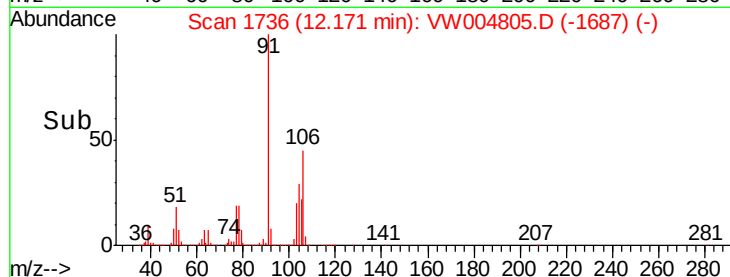
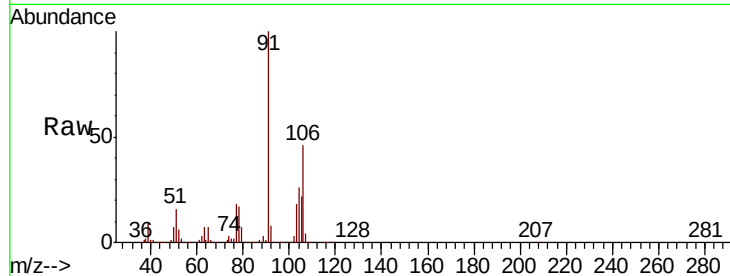
#69
o-Xylene
Concen: 55.23 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 697658
Ion Ratio Lower Upper
106 100
91 213.2 107.3 321.8

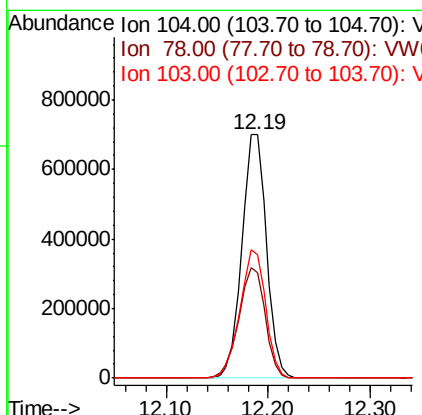
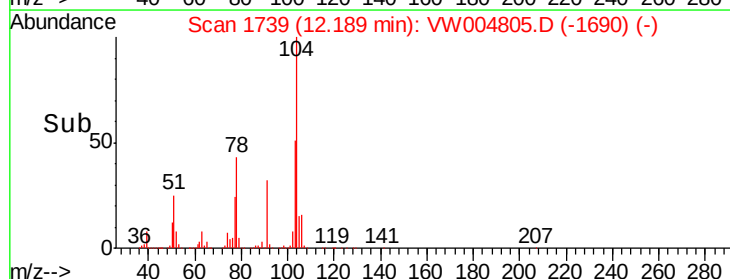
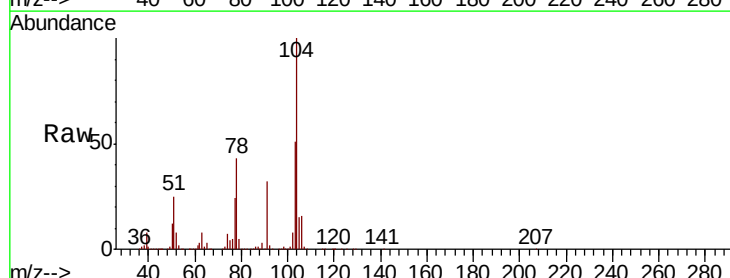
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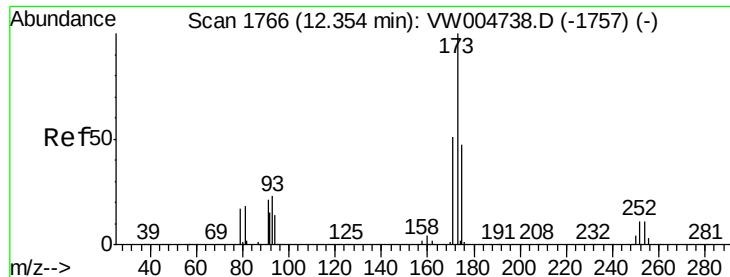
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#70
Styrene
Concen: 55.16 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion:104 Resp: 1170275
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 55.1 44.1 66.1





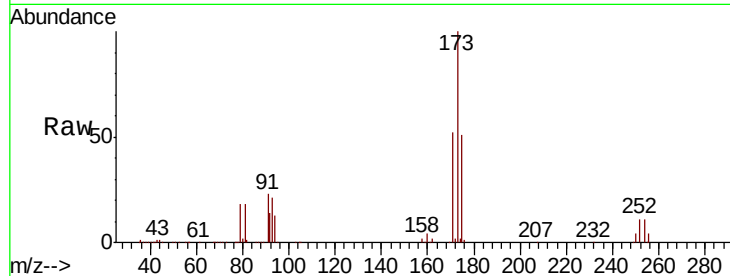
#71
Bromoform
Concen: 52.92 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
173	100	195110		
175	49.2	23.8	71.4	
254	0.1	0.1	0.1	

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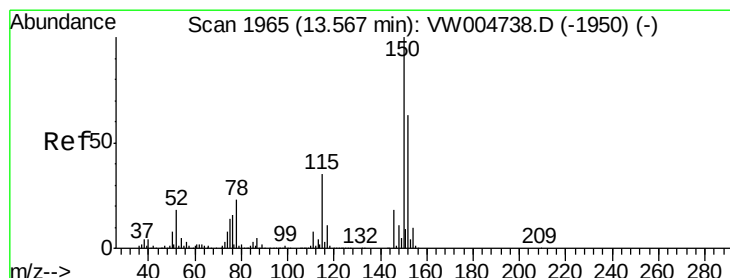
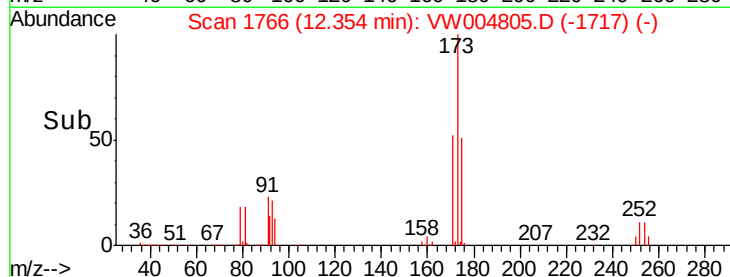
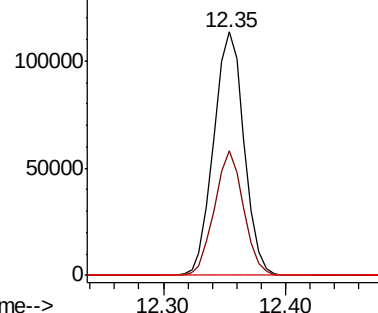


Abundance

Ion 172.70 (172.40 to 173.40): V

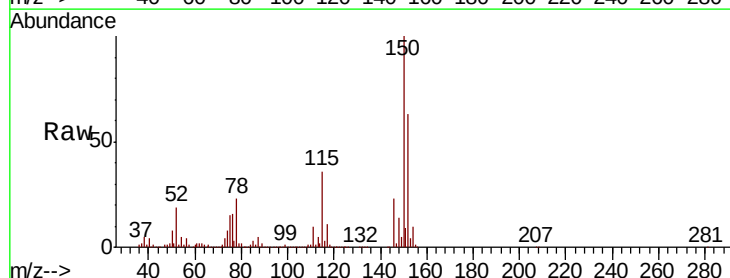
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	501644		
115	57.7	28.5	85.5	
150	174.8	0.0	344.8	

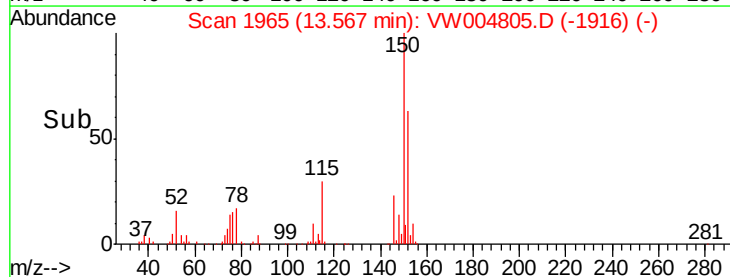
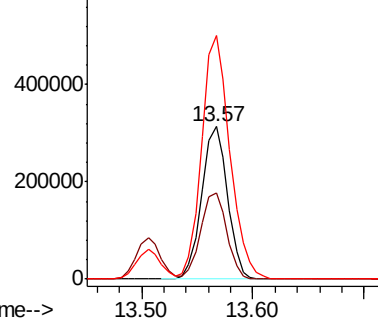


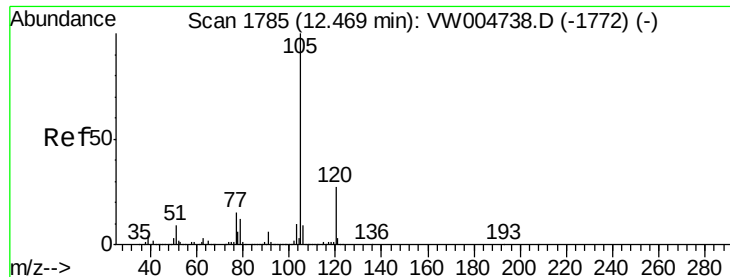
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.02 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1911770

Ion Ratio Lower Upper

105 100

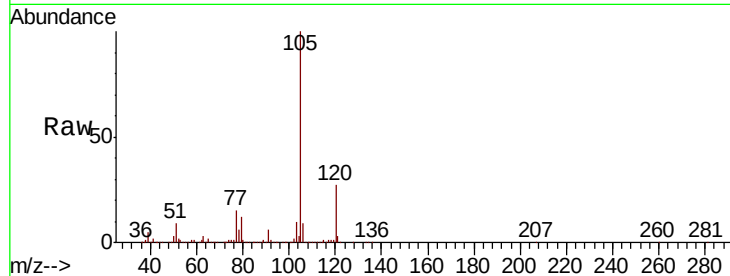
120 26.6 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

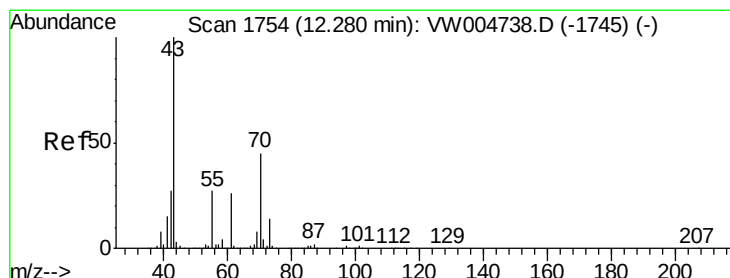
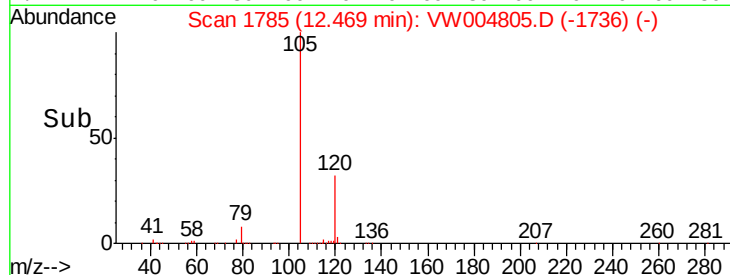
12.47

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.71 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion: 43 Resp: 397111

Ion Ratio Lower Upper

43 100

70 45.1 36.3 54.5

55 28.2 22.6 33.8

61 25.5 20.2 30.4

Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

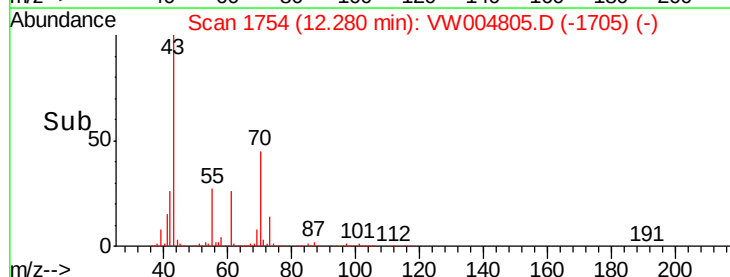
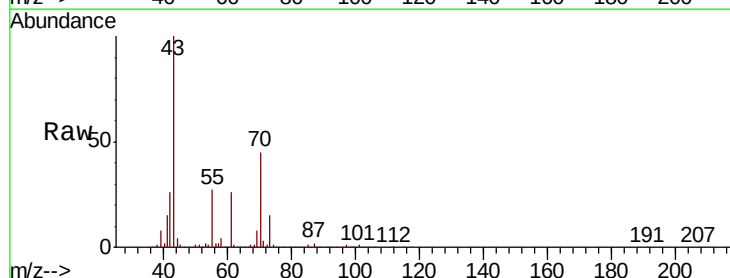
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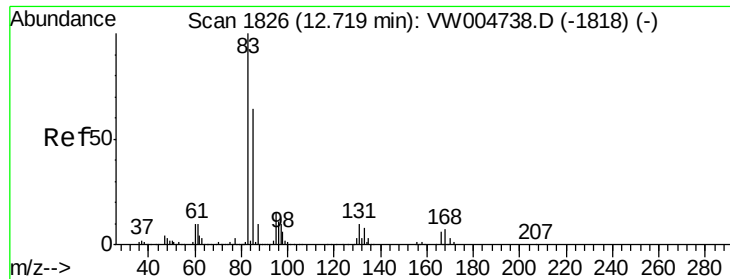
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.59 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 338794

Ion Ratio Lower Upper

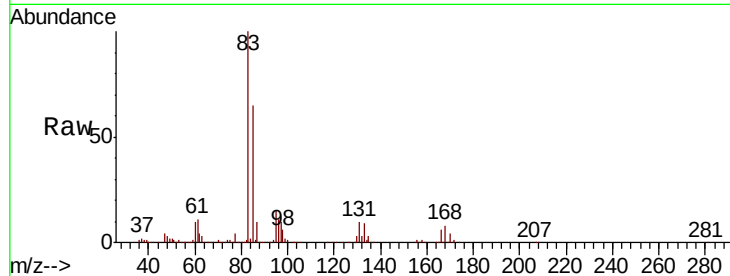
83 100

131 10.3 5.3 15.8

85 64.4 31.9 95.9

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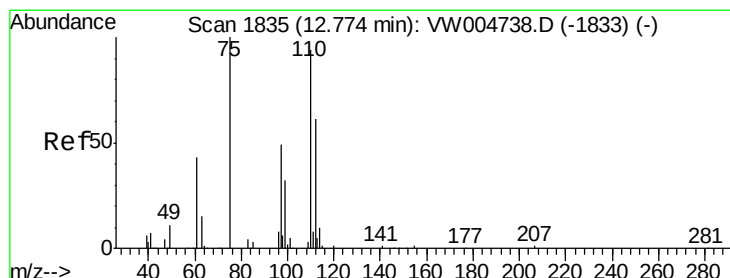
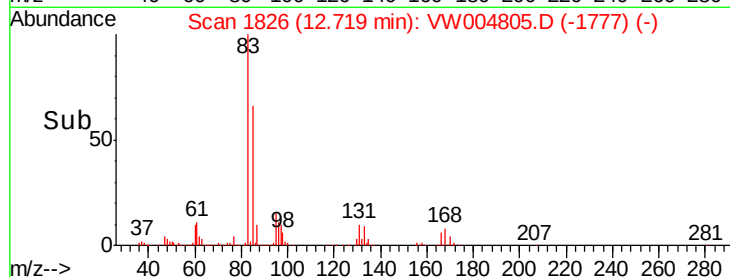
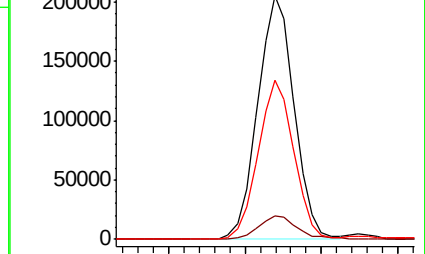
apatel
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 50.15 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004805.D

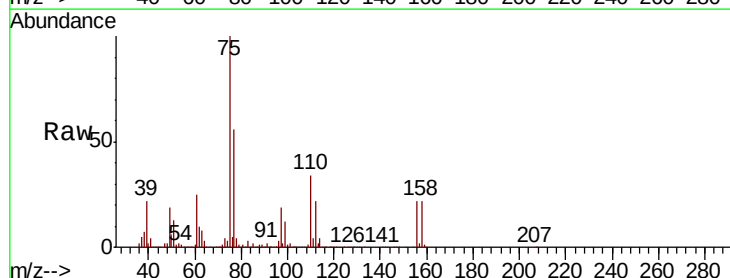
Acq: 20 Aug 2018 21:19

Tgt Ion: 75 Resp: 221750

Ion Ratio Lower Upper

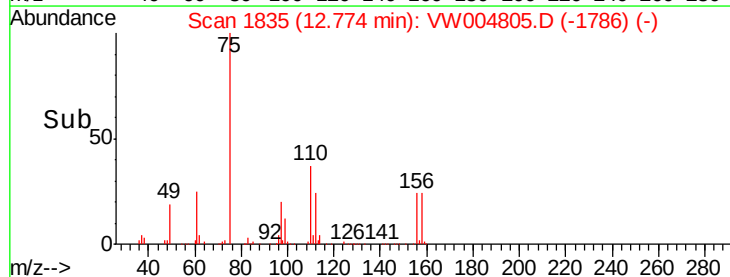
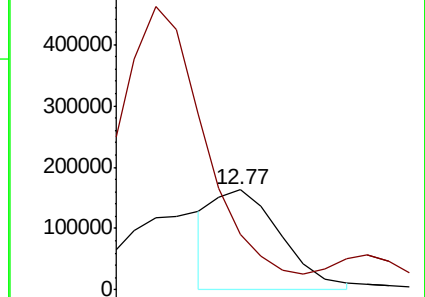
75 100

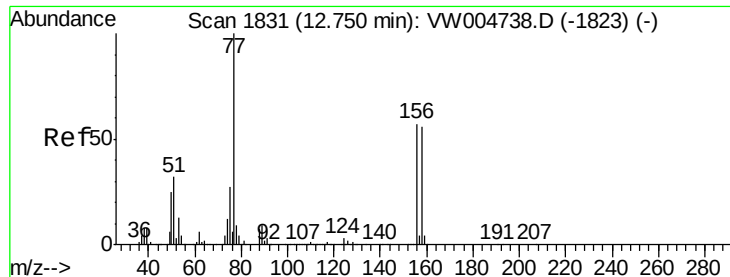
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.82 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

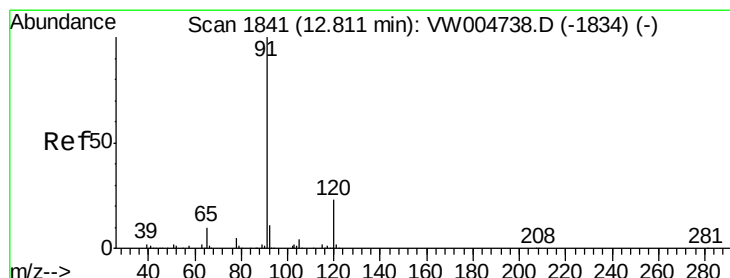
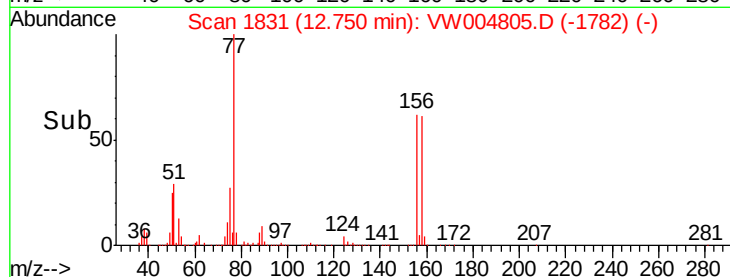
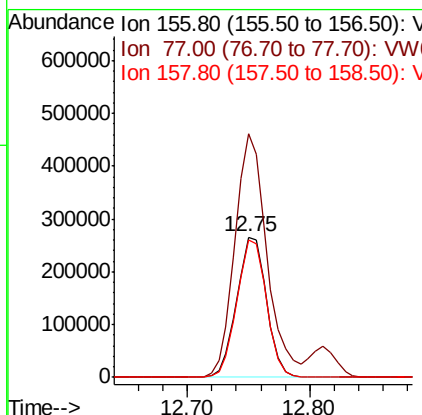
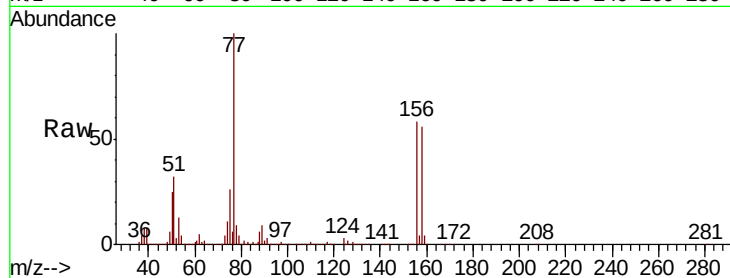
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	444556
Ion Ratio	Lower	Upper	
156	100		
77	187.4	94.2	282.4
158	97.4	48.6	145.9

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#78

n-propylbenzene

Concen: 55.77 ug/l

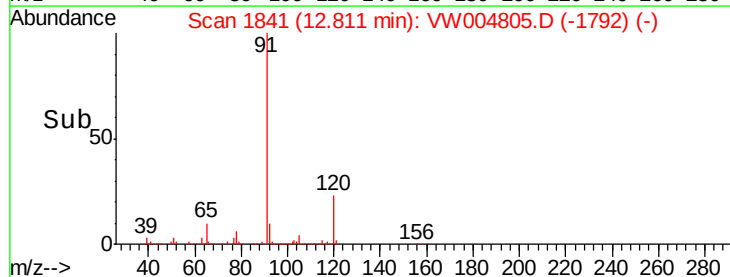
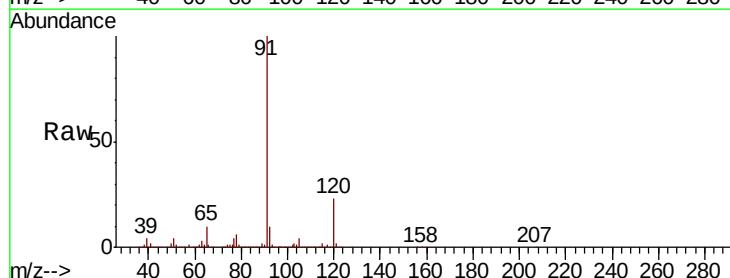
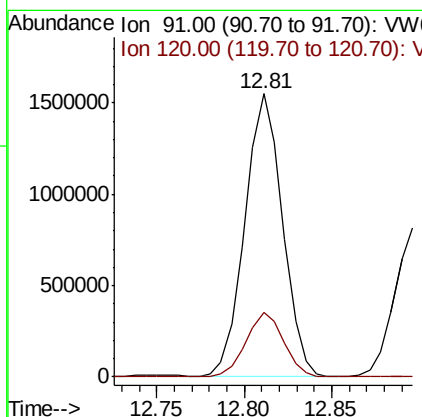
RT: 12.81 min Scan# 1841

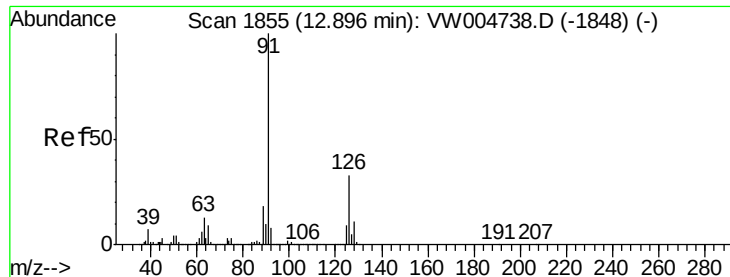
Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	91	Resp:	2322390
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 55.30 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1327402

Ion Ratio Lower Upper

91 100

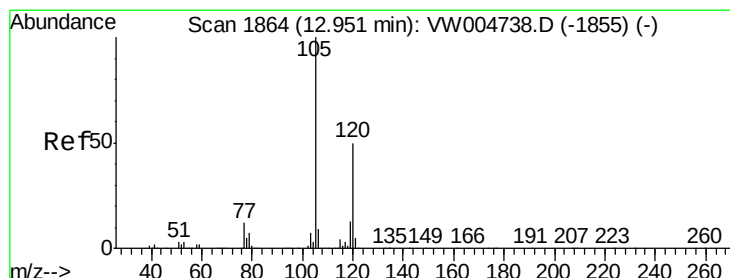
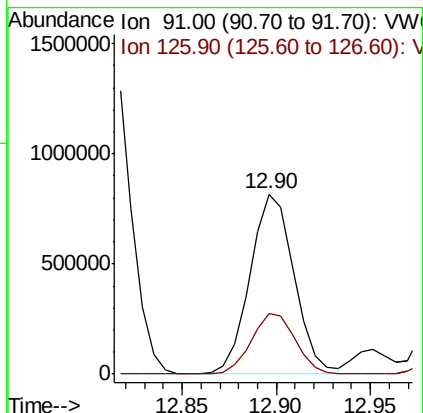
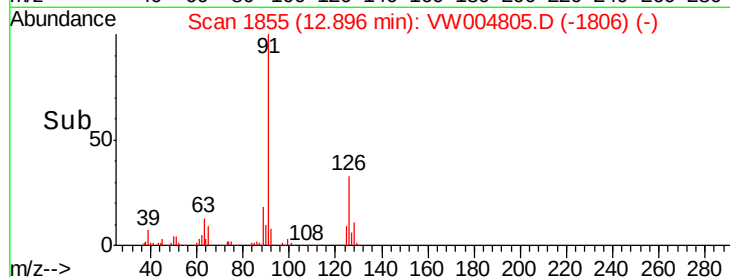
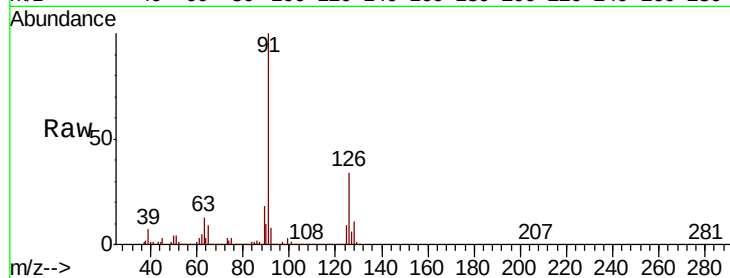
126 33.8 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 55.98 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004805.D

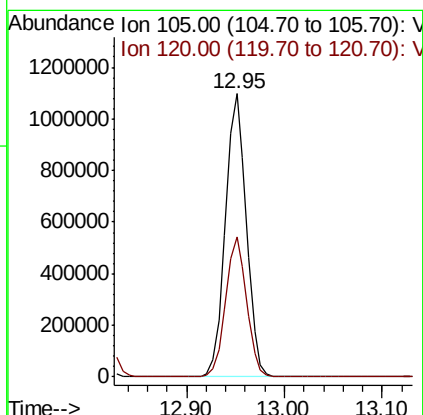
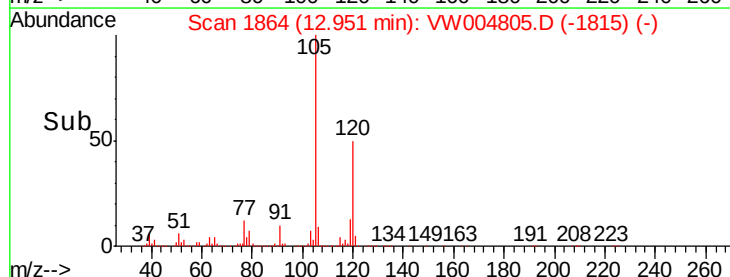
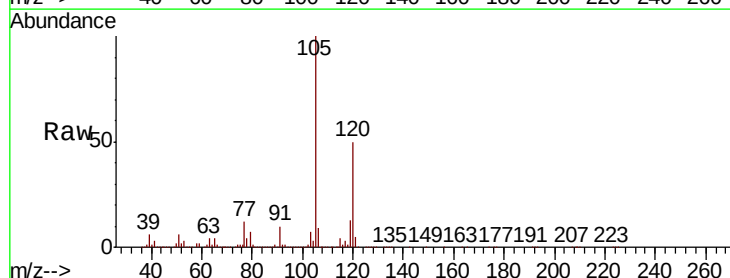
Acq: 20 Aug 2018 21:19

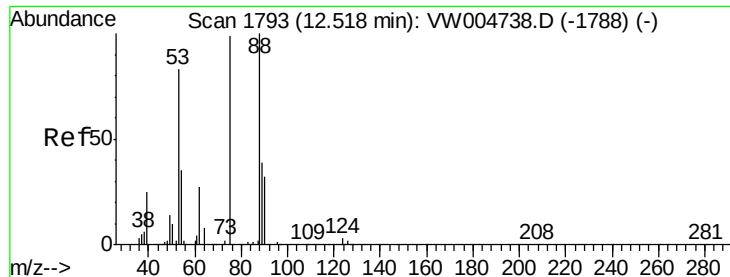
Tgt Ion:105 Resp: 1623149

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 53.73 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

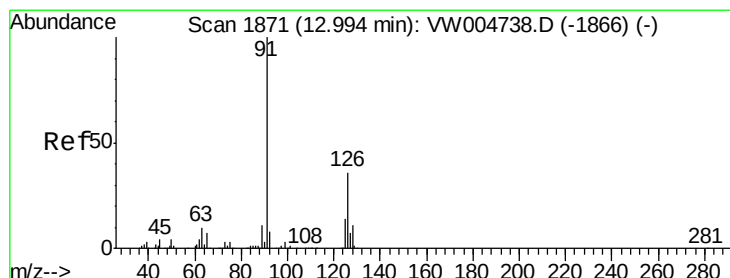
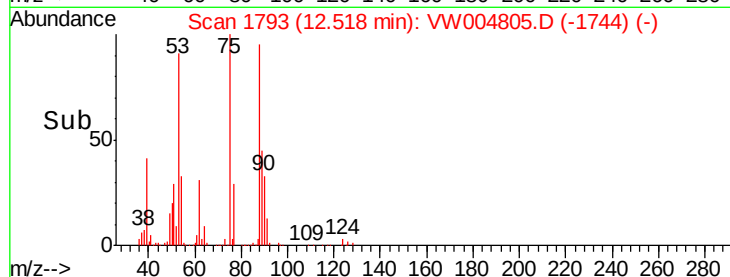
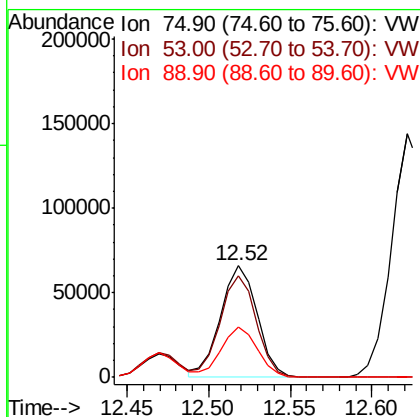
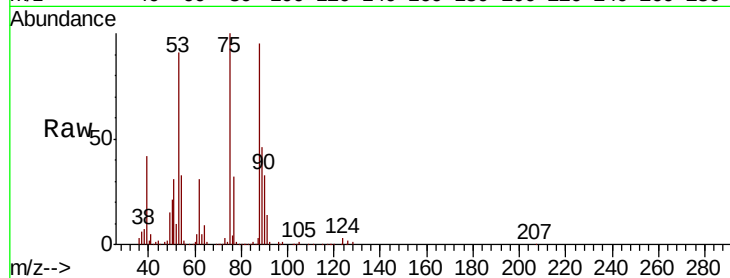
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	102233
Ion	Ratio	Lower	Upper
75	100		
53	91.7	72.2	108.4
89	44.5	35.2	52.8

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#82

4-Chlorotoluene

Concen: 54.47 ug/l

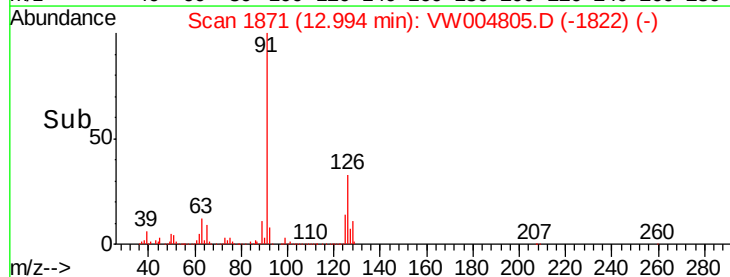
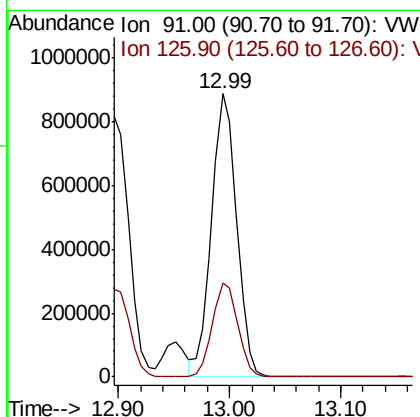
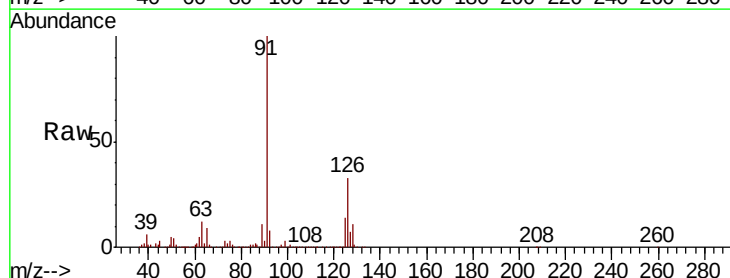
RT: 12.99 min Scan# 1871

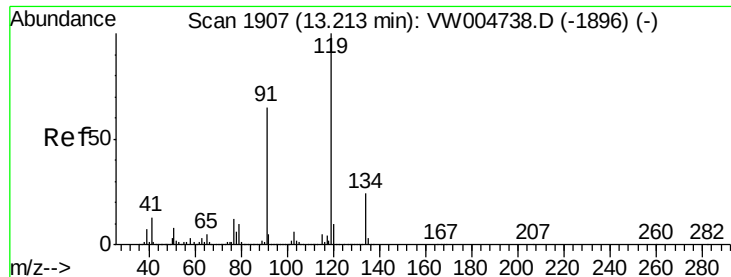
Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Tgt Ion:	91	Resp:	1389189
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.7





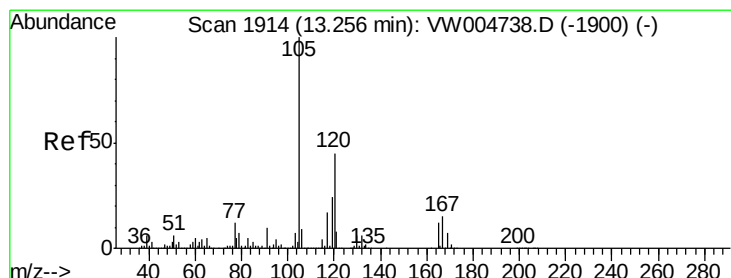
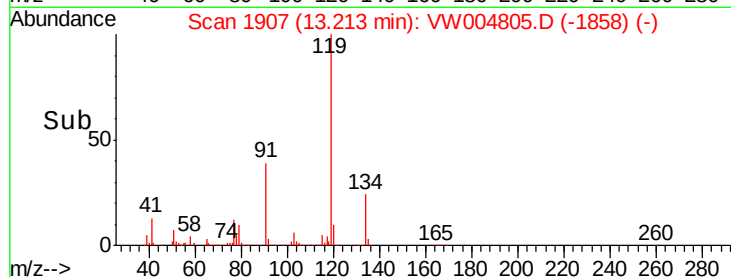
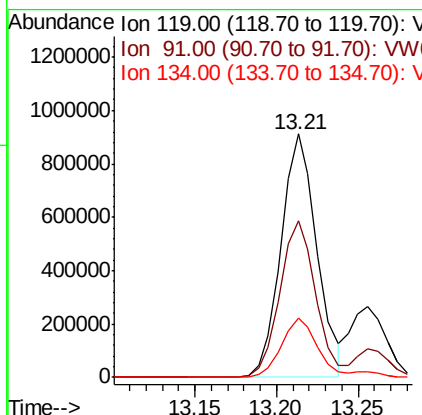
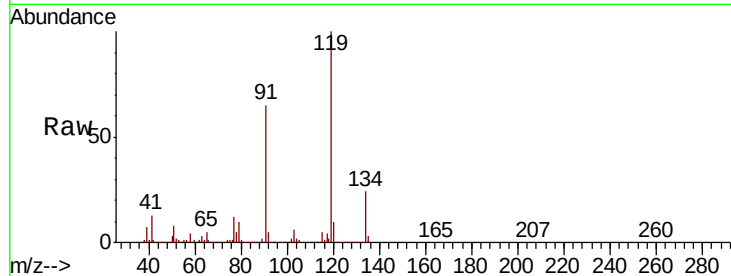
#83
 tert-Butylbenzene
 Concen: 56.22 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.6	97.8
134	26.0	13.1	39.3

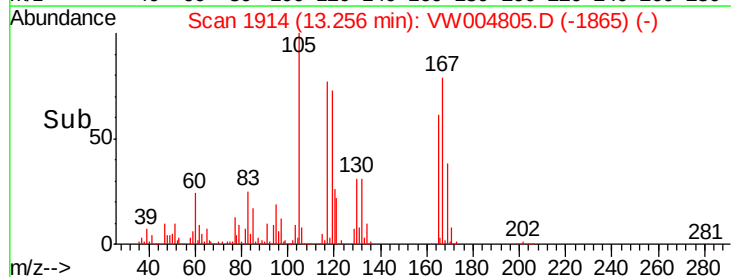
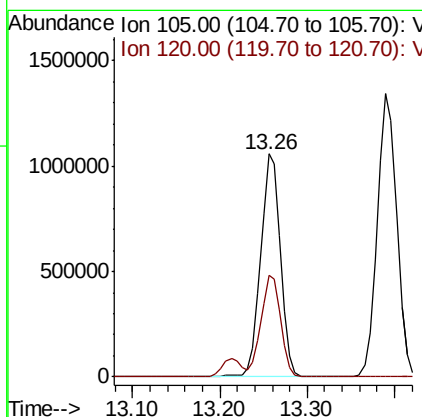
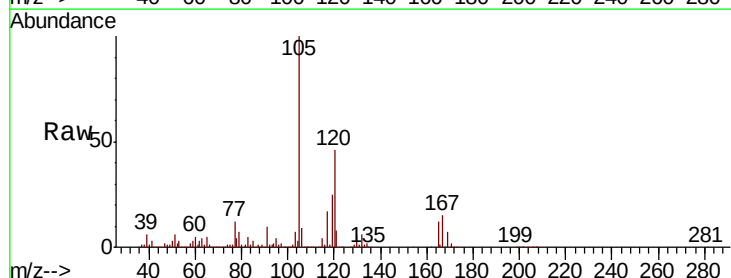
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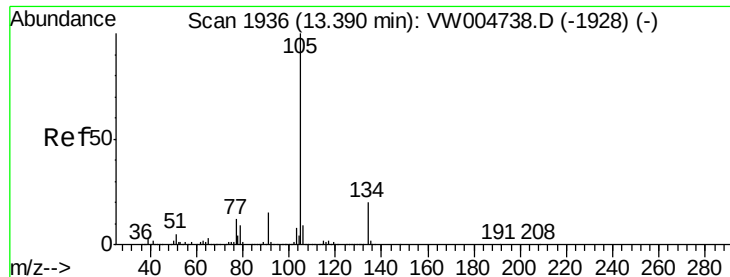
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.86 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.62 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 2059149

Ion Ratio Lower Upper

105 100

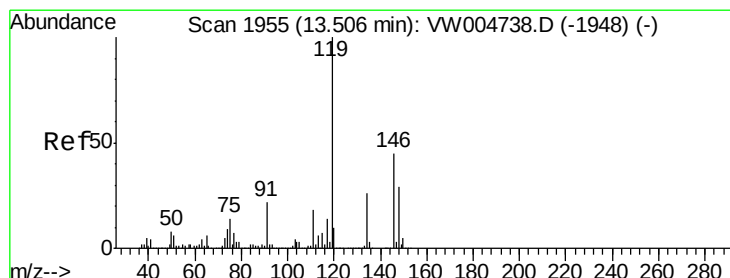
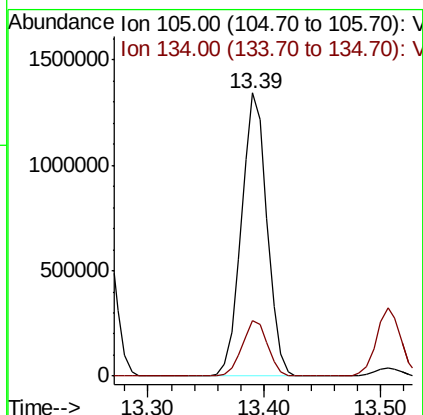
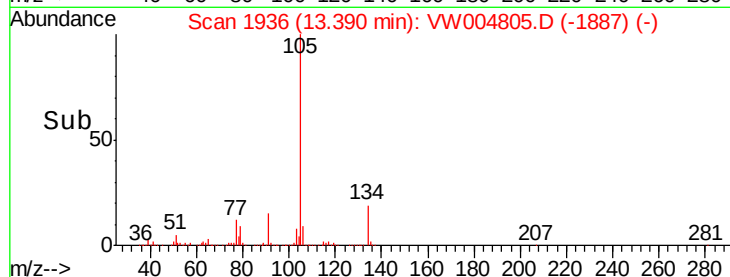
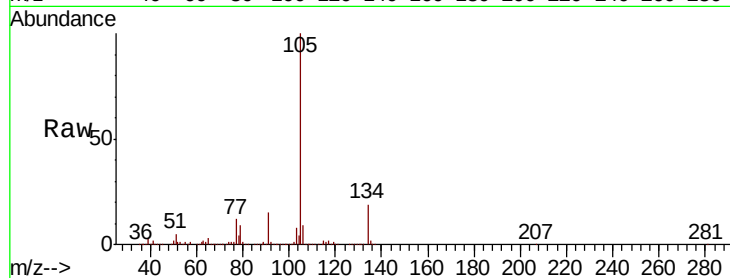
134 19.7 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 56.03 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004805.D

Acq: 20 Aug 2018 21:19

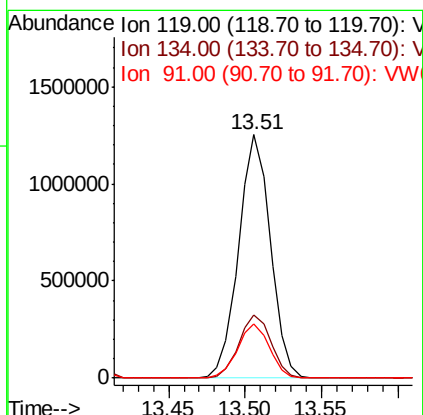
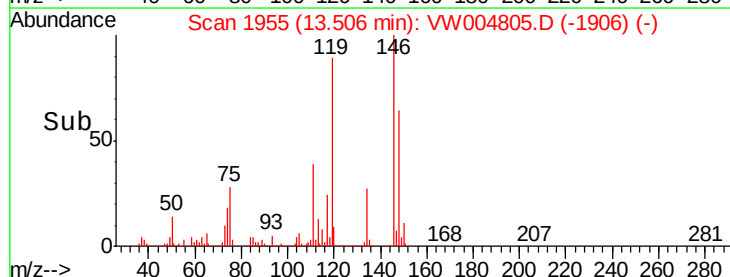
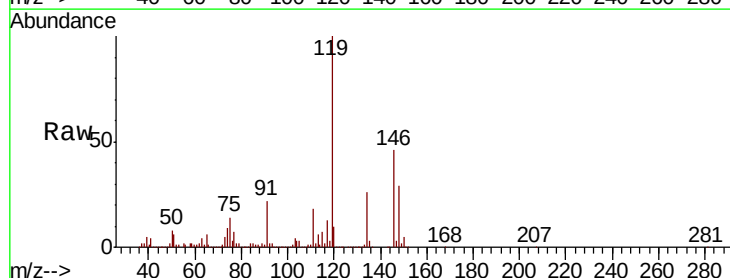
Tgt Ion:119 Resp: 1805183

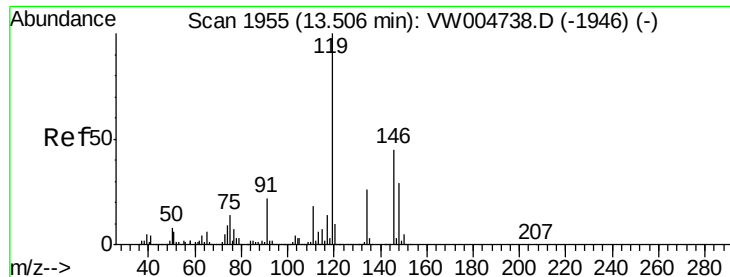
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.3 11.2 33.5





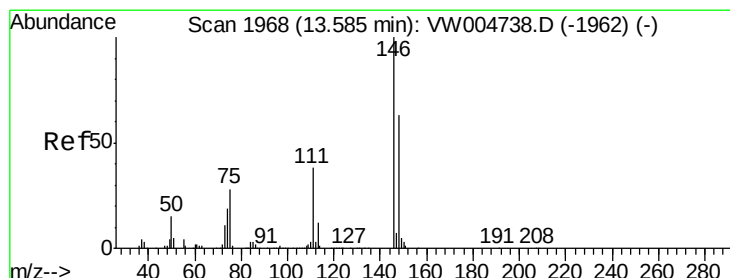
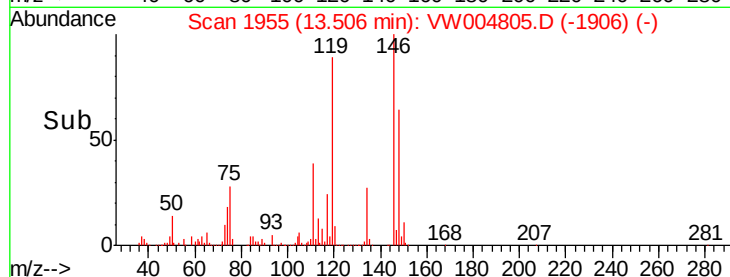
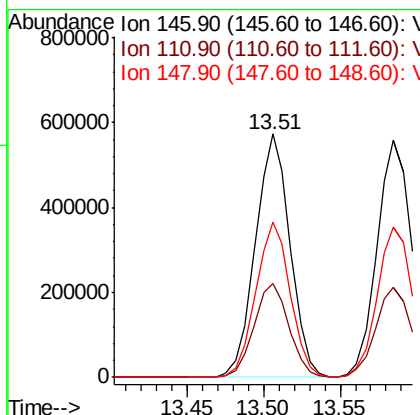
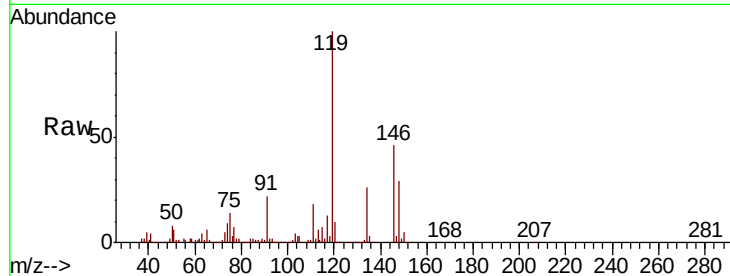
#87
 1,3-Dichlorobenzene
 Concen: 53.60 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	900539		
111	39.1	19.8	59.4	
148	63.6	31.9	95.9	

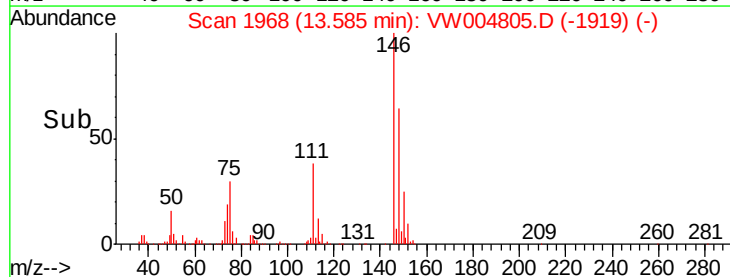
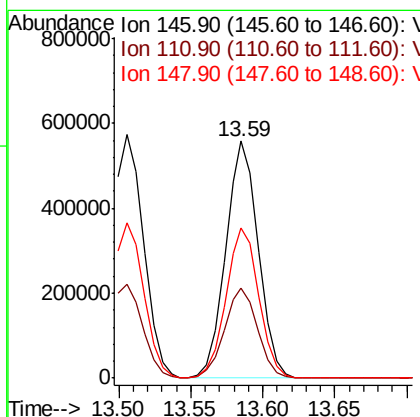
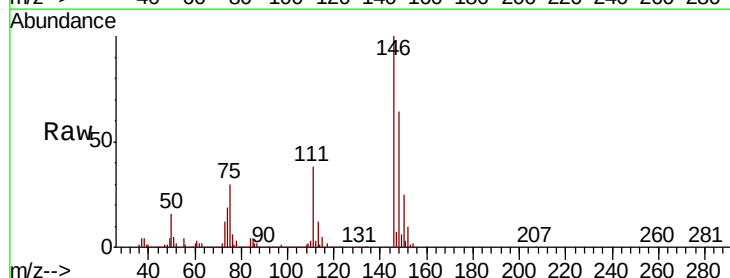
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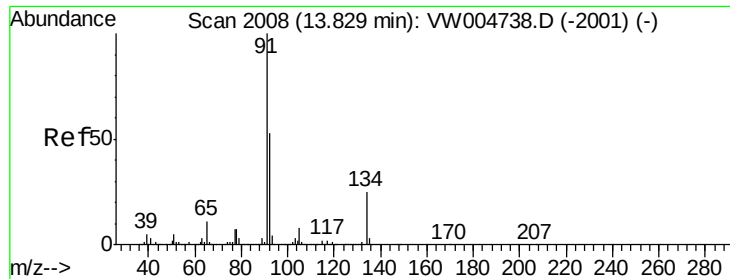
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#88
 1,4-Dichlorobenzene
 Concen: 52.43 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	880534		
111	38.7	19.3	57.8	
148	64.0	31.8	95.3	





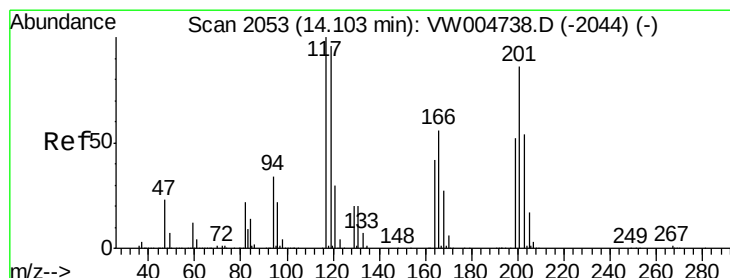
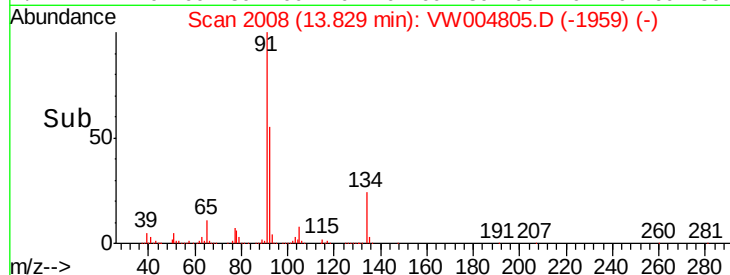
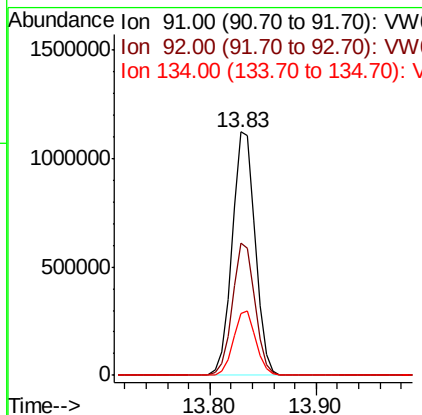
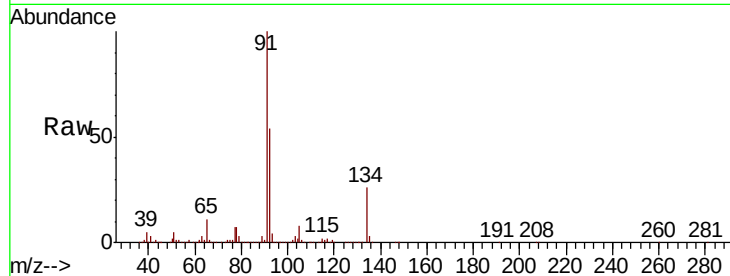
#89
n-Butylbenzene
Concen: 54.73 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	25.8	12.8	38.3

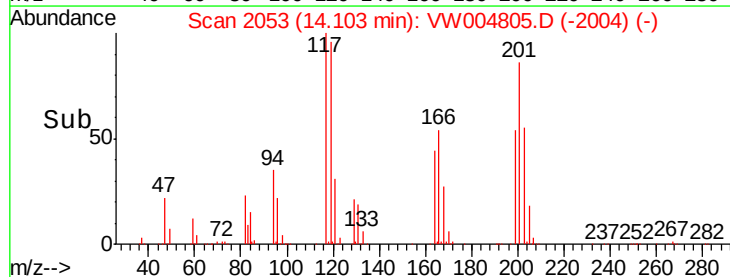
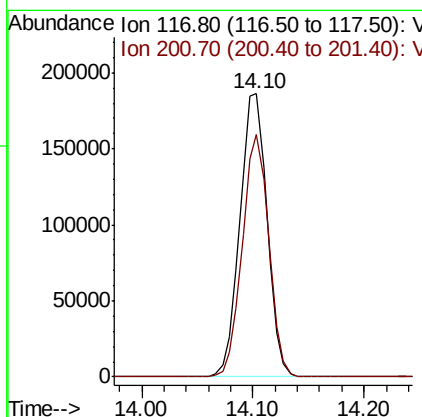
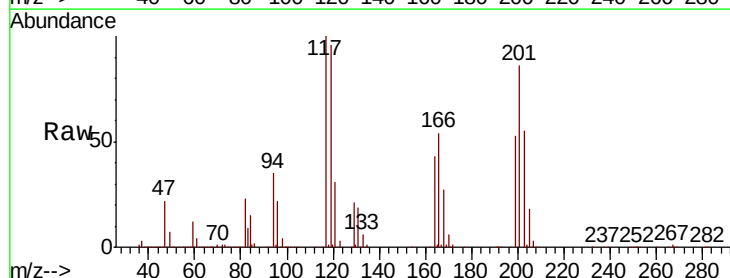
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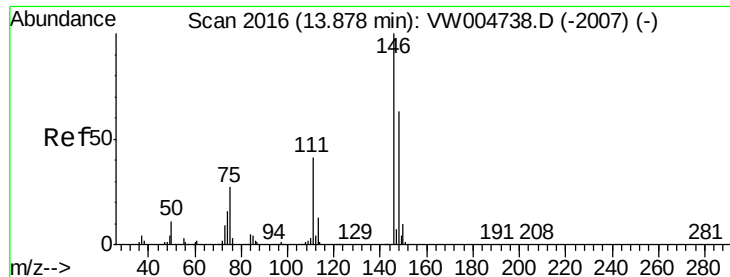
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#90
Hexachloroethane
Concen: 53.94 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	42.4	127.2





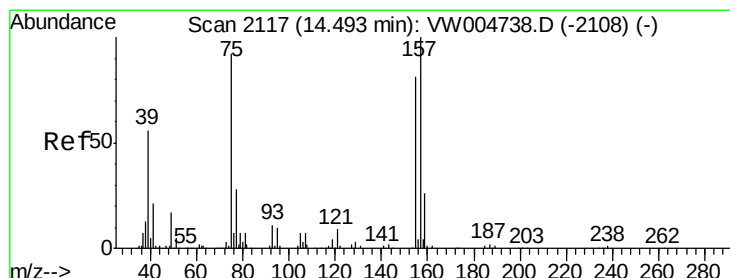
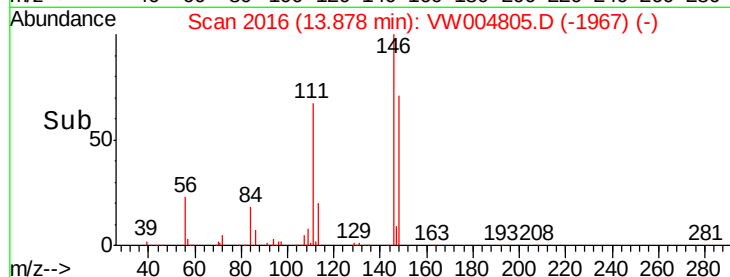
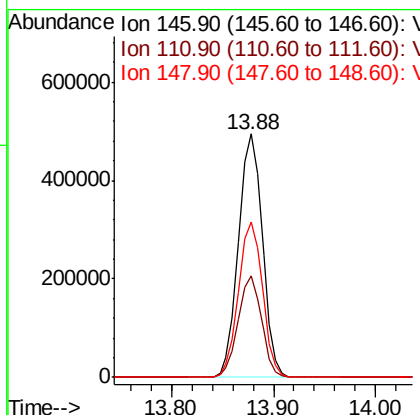
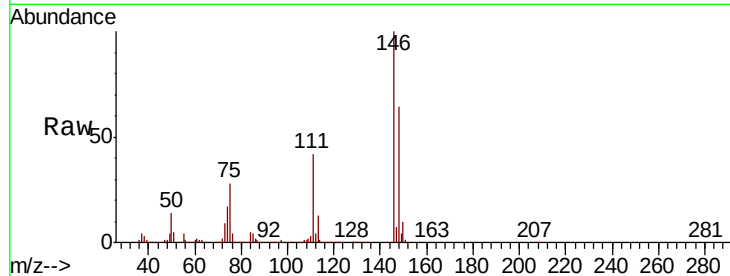
#91
 1,2-Dichlorobenzene
 Concen: 53.20 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	802889		
111	40.7		20.4	61.3
148	63.8		31.6	95.0

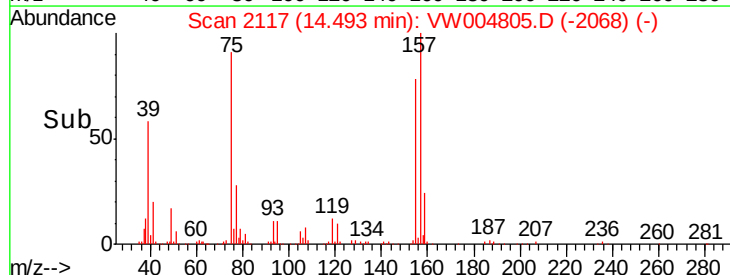
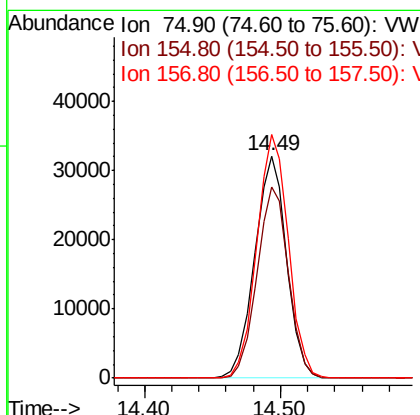
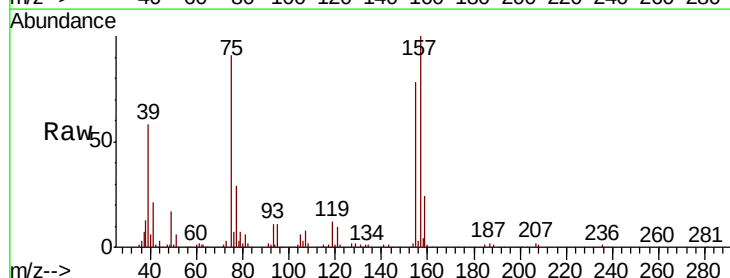
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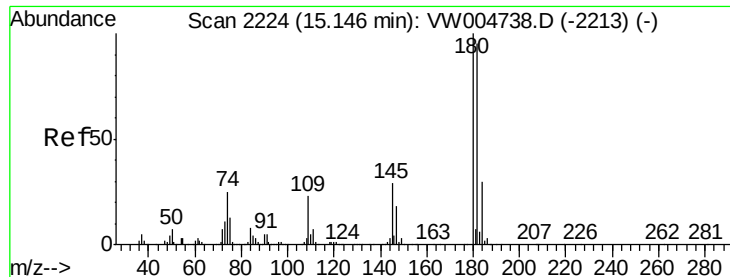
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.49 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52850		
155	84.5		43.3	129.9
157	108.0		54.5	163.6





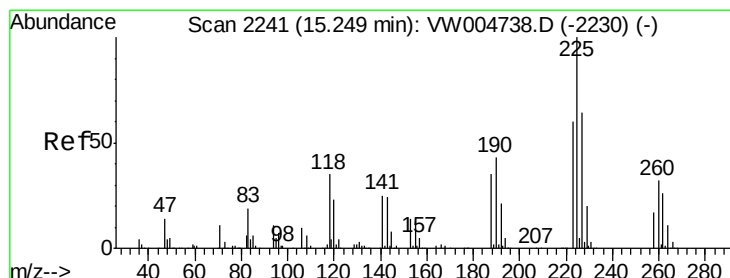
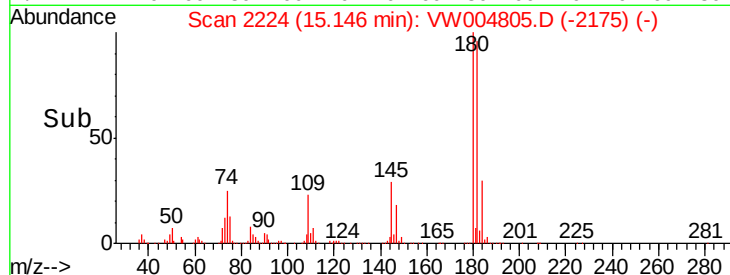
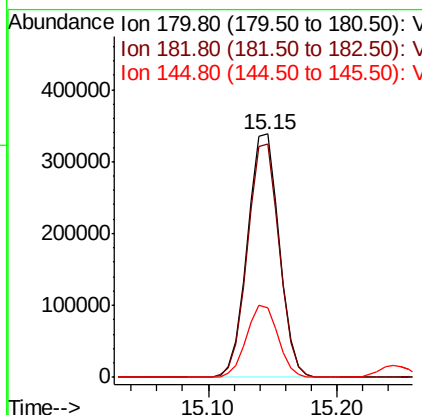
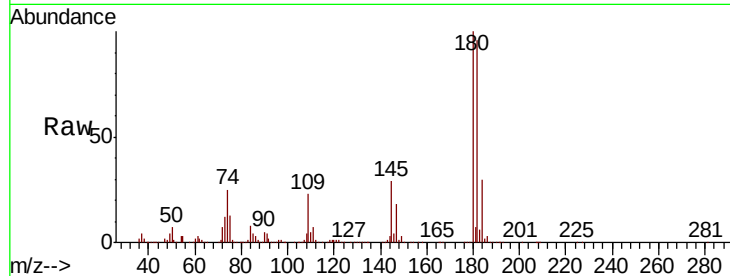
#93
 1,2,4-Trichlorobenzene
 Concen: 53.74 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	573654		
182	95.7	47.3	141.8	
145	29.6	14.6	43.8	

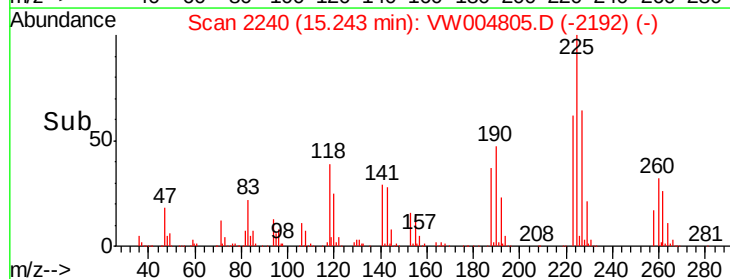
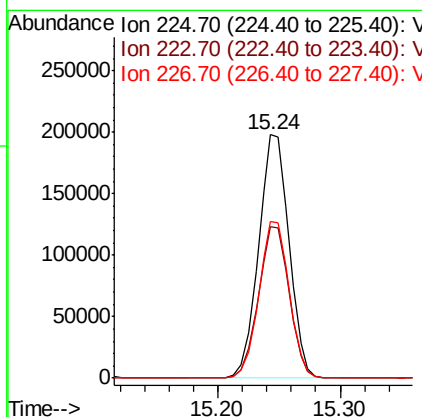
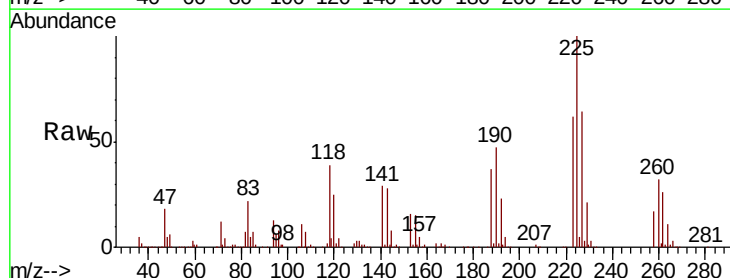
Manual Integrations
 APPROVED

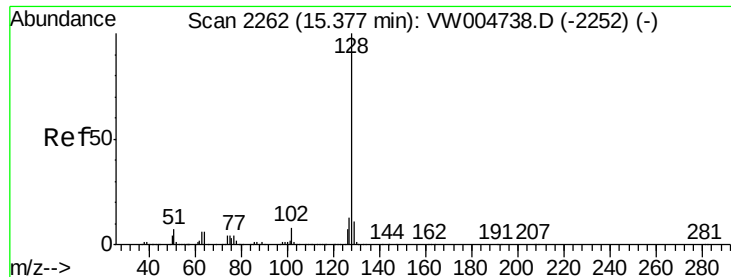
apatel
 8/21/2018 11:32:38 AM



#94
 Hexachlorobutadiene
 Concen: 52.36 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004805.D
 Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	343032		
223	62.7	30.9	92.5	
227	64.0	32.0	96.0	





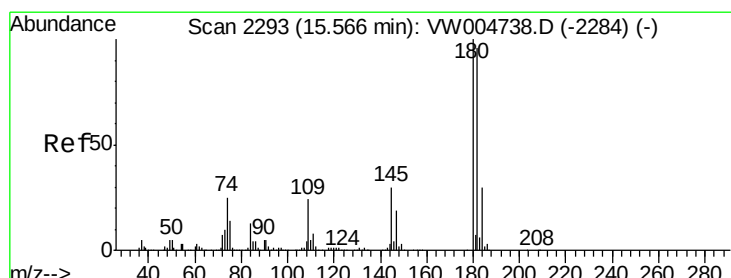
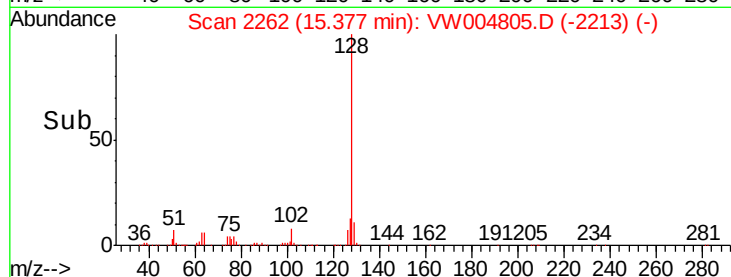
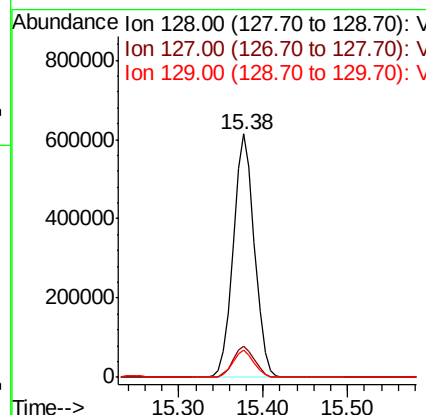
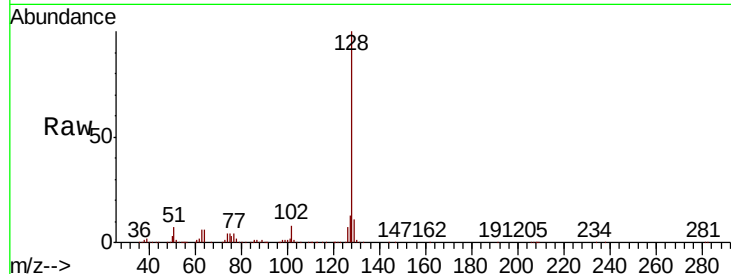
#95
Naphthalene
Concen: 50.51 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 54.02 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004805.D
Acq: 20 Aug 2018 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	31.3	15.4	46.1

