

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004782.D
 Acq On : 18 Aug 2018 14:39
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 8/20/2018 12:45:05 PM

Quant Time: Aug 20 02:31:43 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	583409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	912842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	856695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	449251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	293044	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.88	113	294368	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.33	98	1146205	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	411814	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187814	48.60	ug/l	97
3) Chloromethane	2.21	50	262381	51.93	ug/l	100
4) Vinyl Chloride	2.37	62	396330	53.29	ug/l	100
5) Bromomethane	2.79	94	249675	54.36	ug/l	97
6) Chloroethane	2.93	64	248269	55.32	ug/l	99
7) Trichlorofluoromethane	3.26	101	181655	51.85	ug/l	100
8) Diethyl Ether	3.68	74	176673	55.77	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	313502	51.96	ug/l	99
10) Methyl Iodide	4.27	142	522885	57.07	ug/l	100
11) Tert butyl alcohol	5.21	59	84887	269.38	ug/l	99
12) 1,1-Dichloroethene	4.04	96	320265	53.27	ug/l	99
13) Acrolein	3.89	56	83551	197.58	ug/l	100
14) Allyl chloride	4.67	41	493807	54.12	ug/l	99
15) Acrylonitrile	5.38	53	374862	282.17	ug/l	100
16) Acetone	4.14	43	320082	222.30	ug/l	99
17) Carbon Disulfide	4.38	76	1074848	54.40	ug/l	99
18) Methyl Acetate	4.68	43	178378	57.81	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	454793	58.27	ug/l	98
20) Methylene Chloride	4.92	84	395579	61.13	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	357899	55.95	ug/l	99
22) Diisopropyl ether	6.32	45	1056275	60.23	ug/l	98
23) Vinyl Acetate	6.26	43	2777001	279.96	ug/l	100
24) 1,1-Dichloroethane	6.22	63	642219	56.35	ug/l	99
25) 2-Butanone	7.18	43	540985	263.70	ug/l	99
26) 2,2-Dichloropropane	7.17	77	278699	42.34	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	392433	56.99	ug/l	99
28) Bromochloromethane	7.51	49	279148	58.17	ug/l	99
29) Tetrahydrofuran	7.54	42	297131	284.03	ug/l	99
30) Chloroform	7.68	83	631628	56.36	ug/l	100
31) Cyclohexane	7.96	56	553885	50.25	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	486786	54.79	ug/l	98
36) 1,1-Dichloropropene	8.09	75	492314	52.35	ug/l	100
37) Ethyl Acetate	7.26	43	204654	54.59	ug/l	99
38) Carbon Tetrachloride	8.07	117	447731	51.72	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	603820	51.34	ug/l	99
40) Benzene	8.33	78	1488739	54.47	ug/l	99
41) Methacrylonitrile	7.49	41	114922	54.02	ug/l	94
42) 1,2-Dichloroethane	8.40	62	384985	54.93	ug/l	100
43) Isopropyl Acetate	8.43	43	366368	54.41	ug/l	100
44) Trichloroethene	9.10	130	368891	53.17	ug/l	99
45) 1,2-Dichloropropane	9.37	63	366299	54.79	ug/l	100
46) Dibromomethane	9.46	93	178805	53.99	ug/l	100
47) Bromodichloromethane	9.65	83	435723	55.09	ug/l	100
48) Methyl methacrylate	9.44	41	178434	56.47	ug/l	97
49) 1,4-Dioxane	9.48	88	55625	1149.61	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	1267503	278.52	ug/l	99
52) Toluene	10.39	92	891148	54.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	406602	51.02	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	492911	51.88	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	258802	54.97	ug/l	99
56) Ethyl methacrylate	10.65	69	319848	51.89	ug/l	99
57) 1,3-Dichloropropane	10.94	76	445226	54.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	692737	266.45	ug/l	99
59) 2-Hexanone	10.98	43	843740	273.64	ug/l	100
60) Dibromochloromethane	11.13	129	292377	55.36	ug/l	100
61) 1,2-Dibromoethane	11.24	107	241210	53.60	ug/l	99
64) Tetrachloroethene	10.87	164	359684	61.43	ug/l	98
65) Chlorobenzene	11.66	112	974955	52.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	338501	54.37	ug/l	98
67) Ethyl Benzene	11.74	91	1713678	54.82	ug/l	99
68) m/p-Xylenes	11.85	106	1339238	110.12	ug/l	100
69) o-Xylene	12.17	106	636057	56.50	ug/l	99
70) Styrene	12.19	104	1078184	57.01	ug/l	100
71) Bromoform	12.35	173	176585	53.74	ug/l #	97
73) Isopropylbenzene	12.47	105	1716642	56.17	ug/l	99
74) N-amyl acetate	12.28	43	357357	49.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	303137	53.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204352m	51.60	ug/l	
77) Bromobenzene	12.75	156	409557	55.36	ug/l	98
78) n-propylbenzene	12.81	91	2077478	55.70	ug/l	100
79) 2-Chlorotoluene	12.90	91	1200550	55.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1473576	56.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	78502	46.07	ug/l	97
82) 4-Chlorotoluene	12.99	91	1271198	55.65	ug/l	99
83) tert-Butylbenzene	13.21	119	1244990	56.06	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1523378	57.03	ug/l	99
85) sec-Butylbenzene	13.39	105	1818789	54.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	1579531	54.75	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	818653	54.40	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	805433	53.55	ug/l	99
89) n-Butylbenzene	13.83	91	1459105	52.31	ug/l	99
90) Hexachloroethane	14.10	117	285168	54.23	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	737248	54.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47562	53.75	ug/l	99

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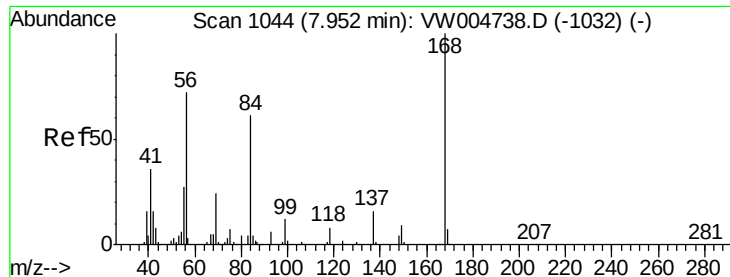
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	518525	54.24	ug/l	99
94) Hexachlorobutadiene	15.24	225	295086	50.29	ug/l	99
95) Naphthalene	15.38	128	947927	51.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	470123	55.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 583409

Ion Ratio Lower Upper

168 100

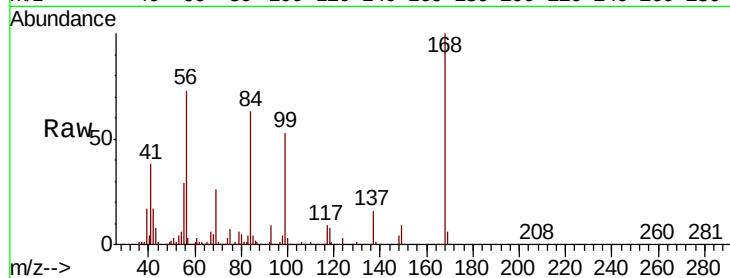
99 53.3 41.0 61.4

Manual Integrations

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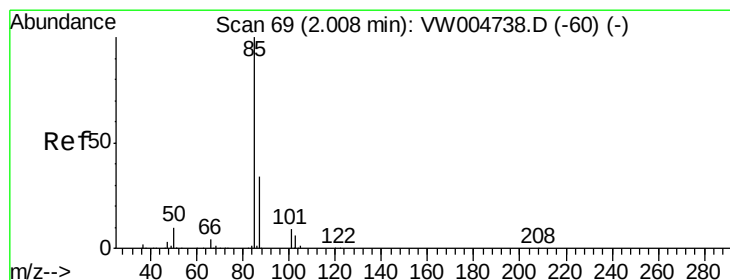
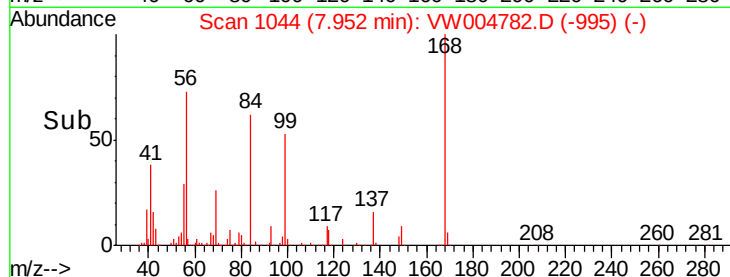
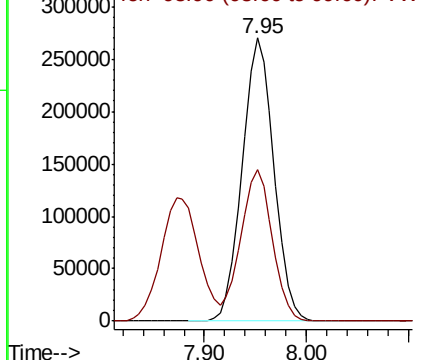
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.60 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004782.D

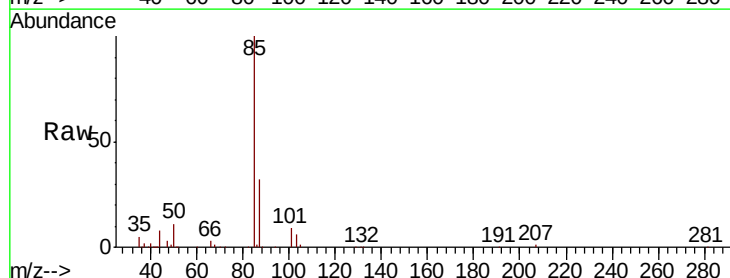
Acq: 18 Aug 2018 14:39

Tgt Ion: 85 Resp: 187814

Ion Ratio Lower Upper

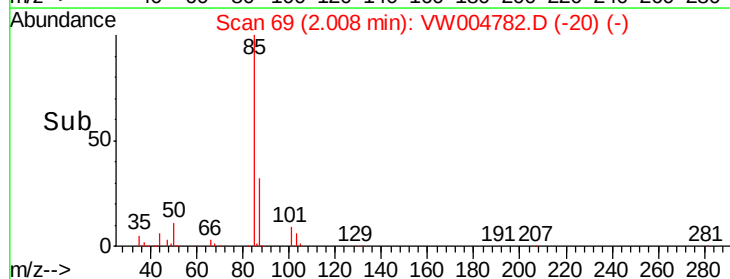
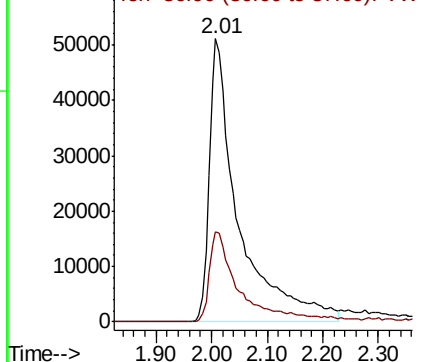
85 100

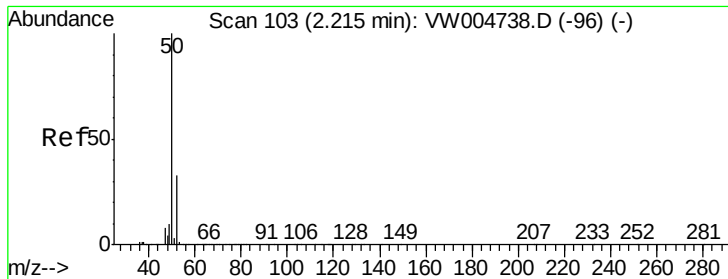
87 31.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.93 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 262381

Ion Ratio Lower Upper

50 100

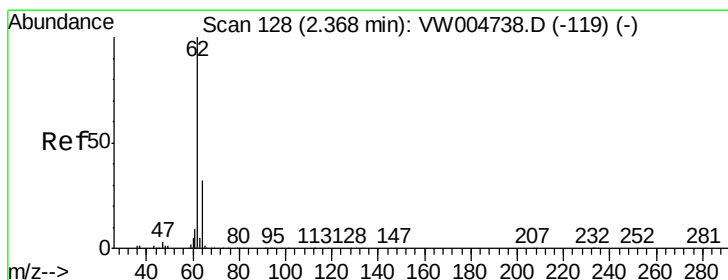
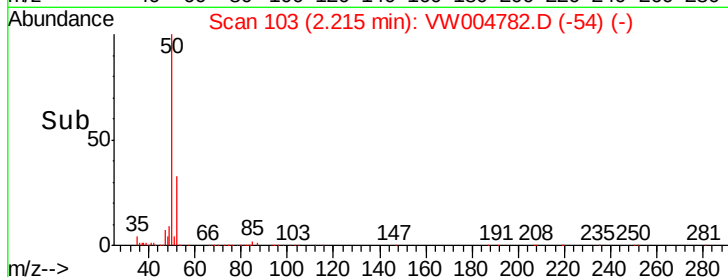
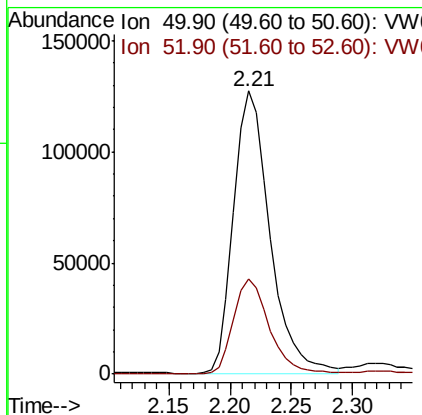
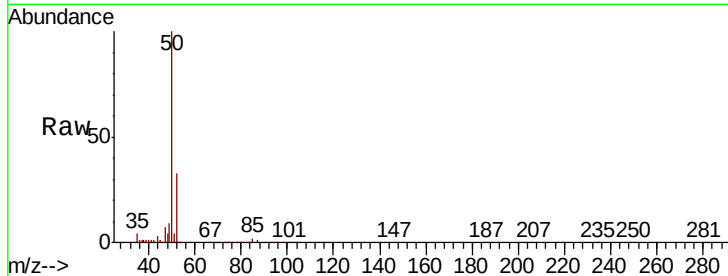
52 33.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.29 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004782.D

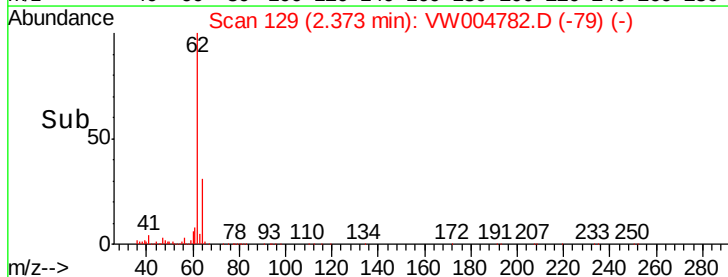
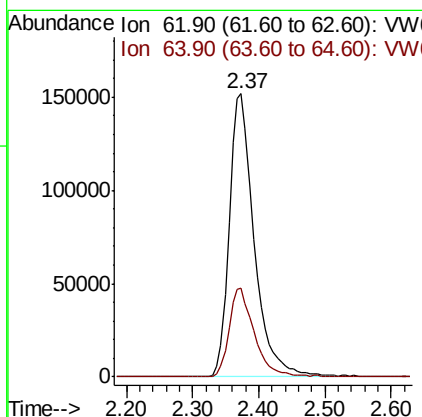
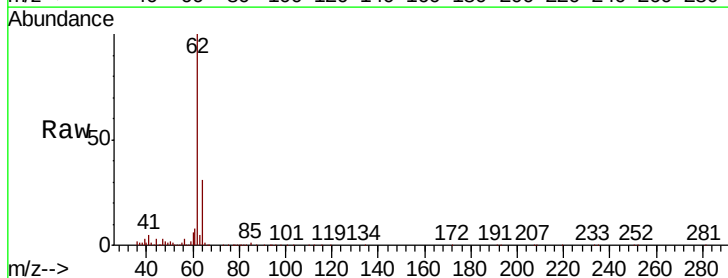
Acq: 18 Aug 2018 14:39

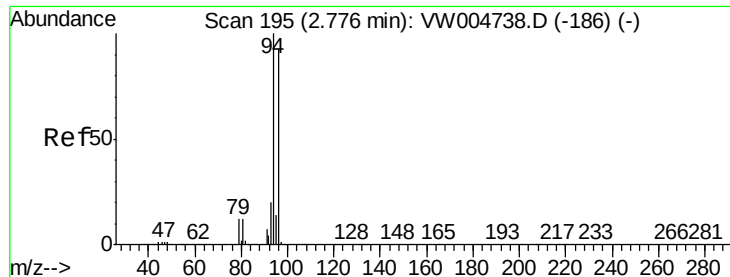
Tgt Ion: 62 Resp: 396330

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 54.36 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 249675

Ion Ratio Lower Upper

94 100

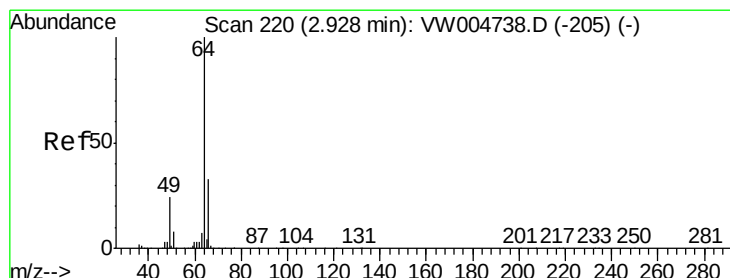
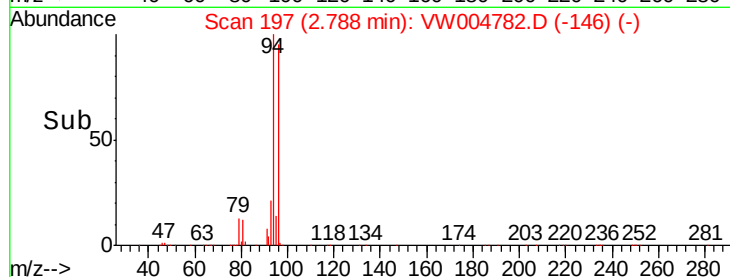
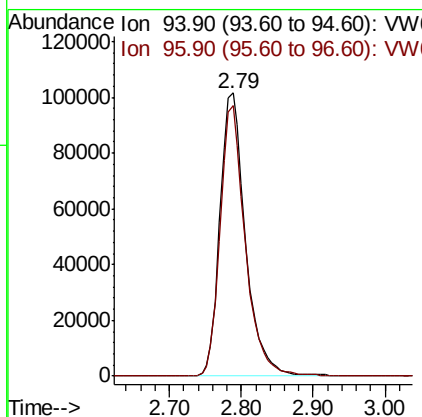
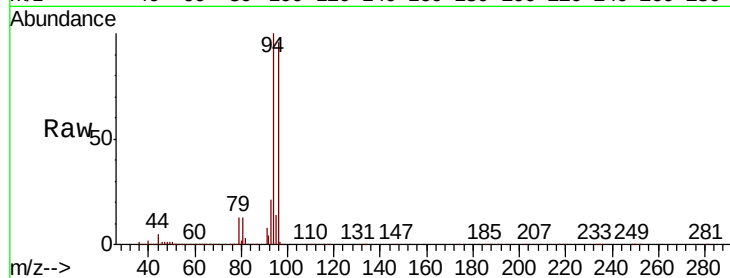
96 95.5 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 55.32 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004782.D

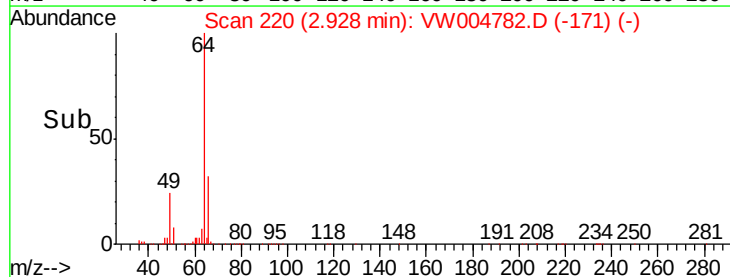
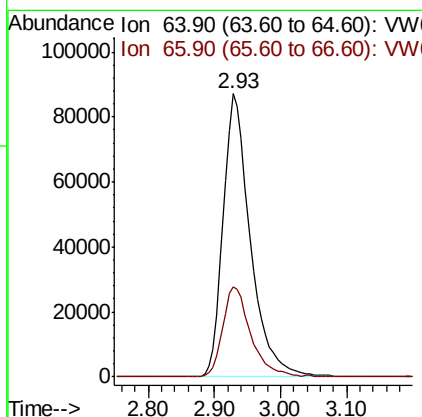
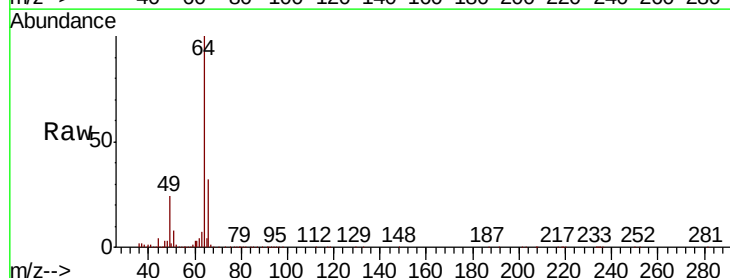
Acq: 18 Aug 2018 14:39

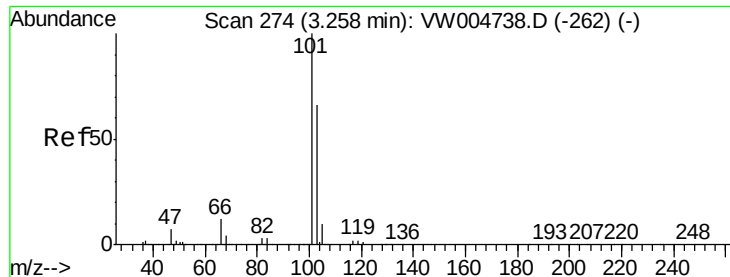
Tgt Ion: 64 Resp: 248269

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1





#7

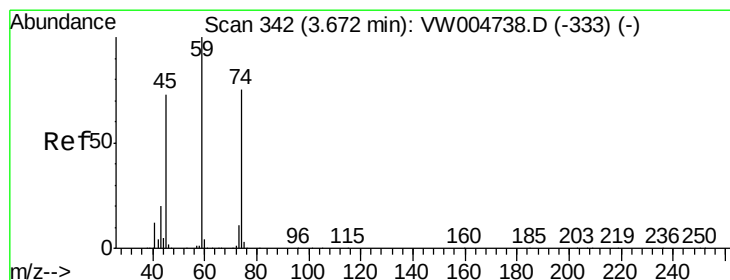
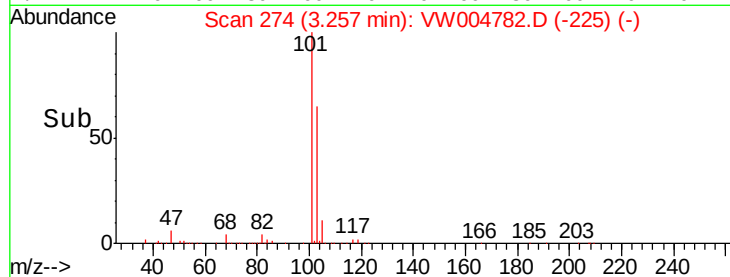
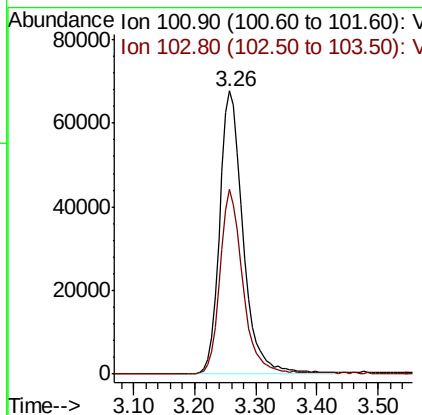
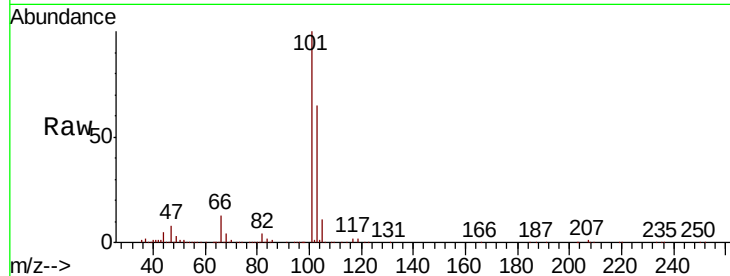
Trichlorofluoromethane
 Concen: 51.85 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	181655		
103	65.5	52.5	78.7	

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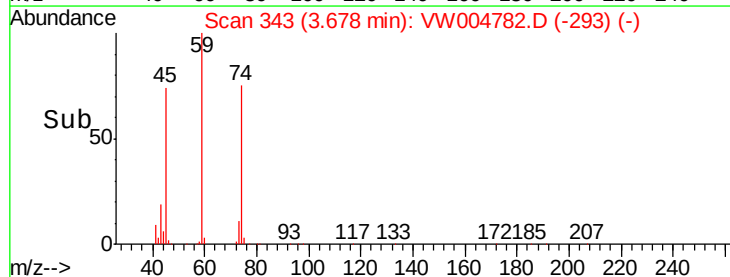
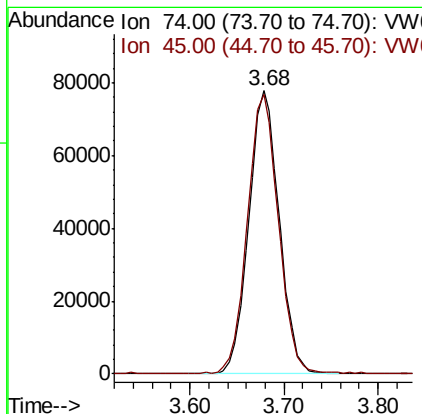
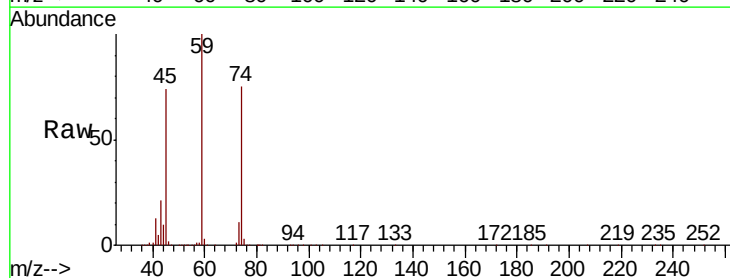
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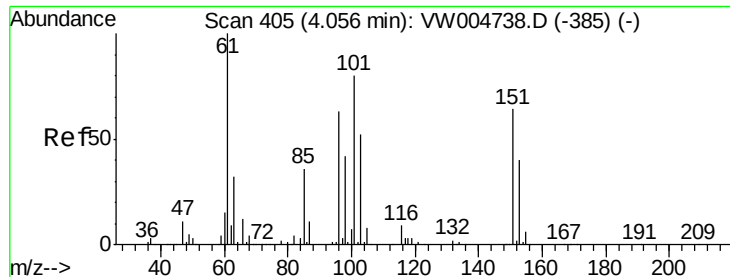


#8

Diethyl Ether
 Concen: 55.77 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	176673		
45	99.9	49.8	149.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.96 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

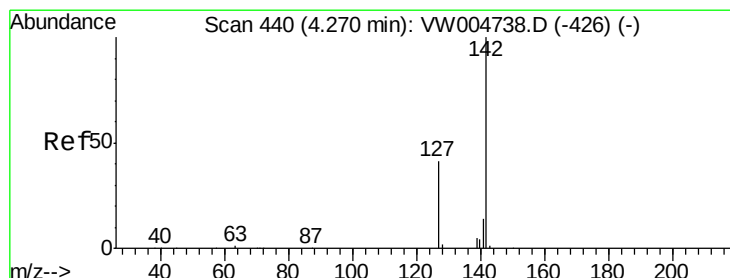
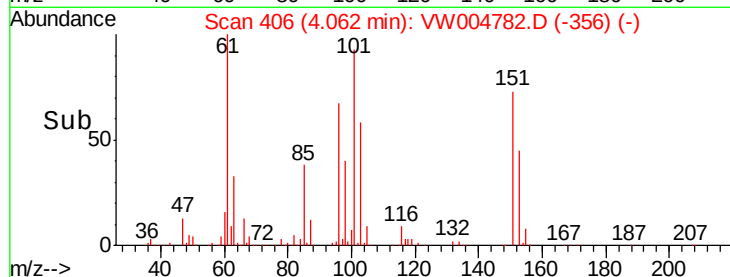
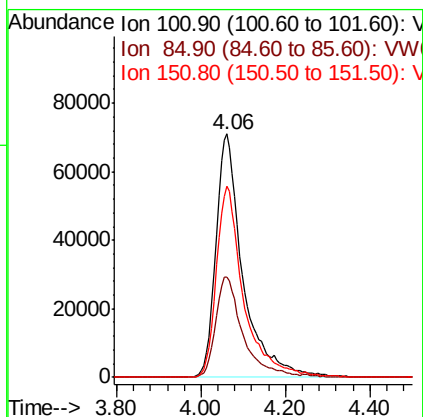
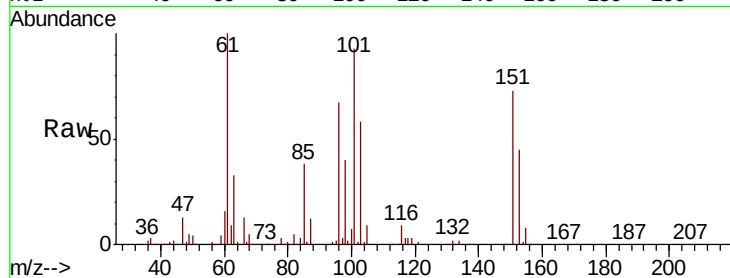
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	313502
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.9	50.9
151	78.1	63.4	95.2

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#10

Methyl Iodide

Concen: 57.07 ug/l

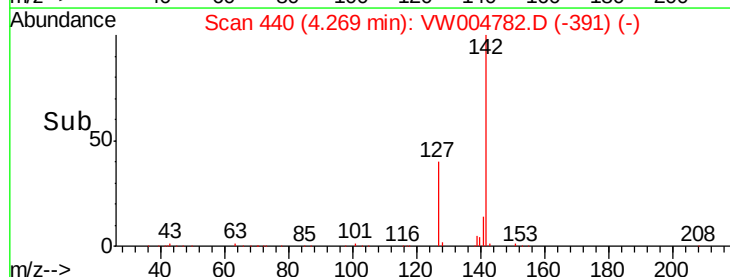
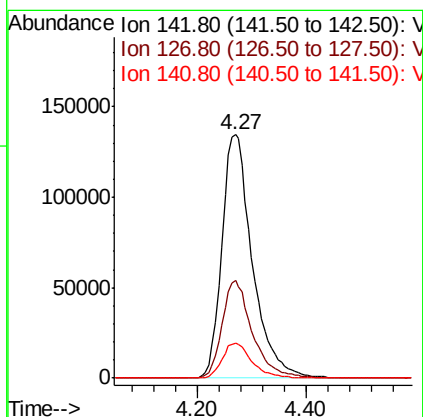
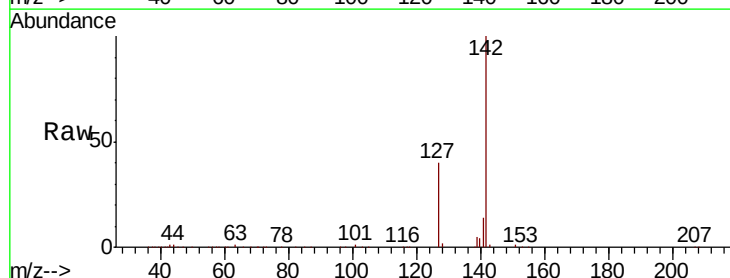
RT: 4.27 min Scan# 440

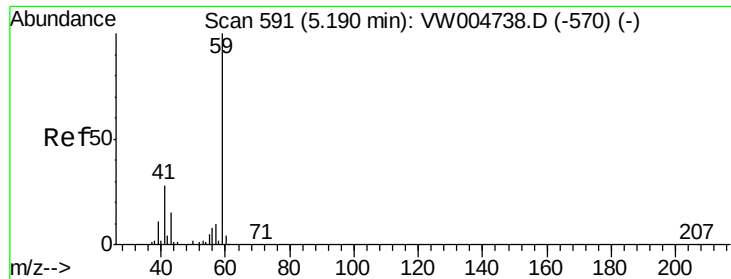
Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	142	Resp:	522885
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.1	48.1
141	14.2	11.7	17.5





#11

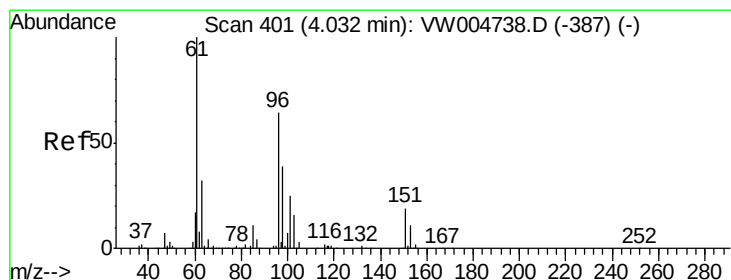
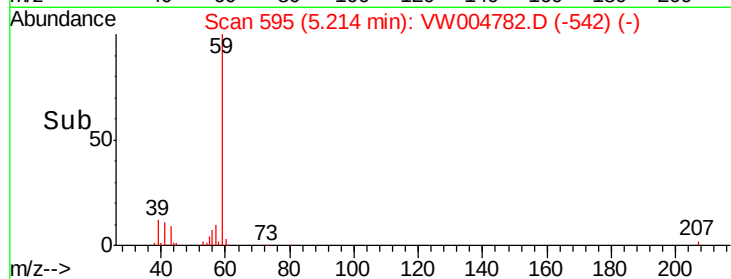
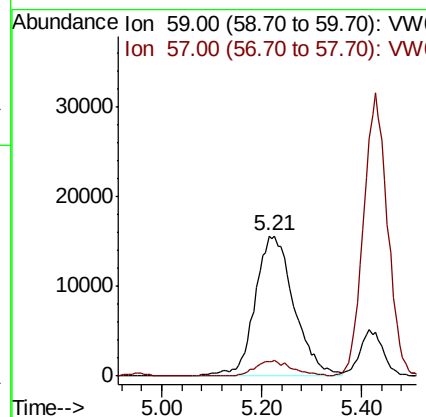
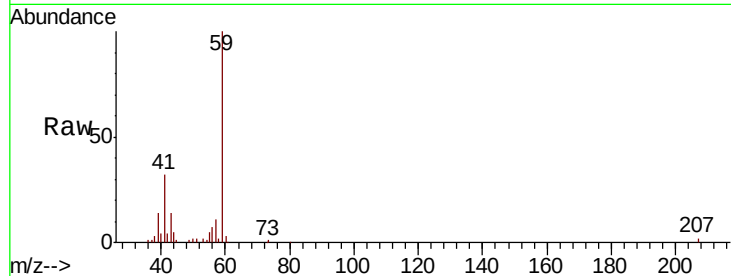
Tert butyl alcohol
Concen: 269.38 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	59	Resp	84887
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

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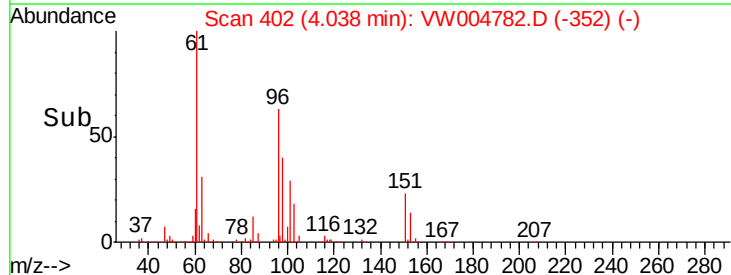
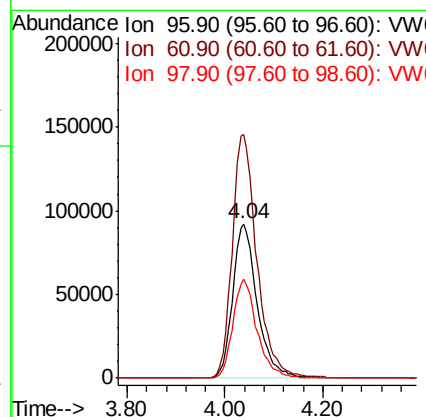
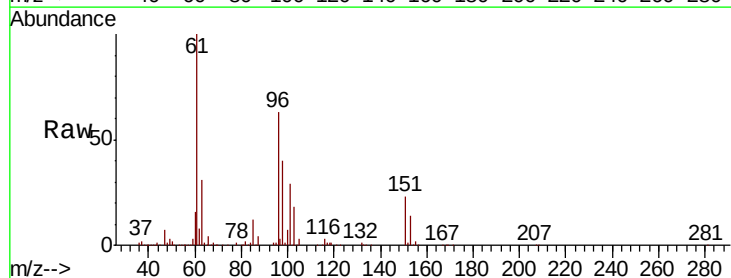
apatel
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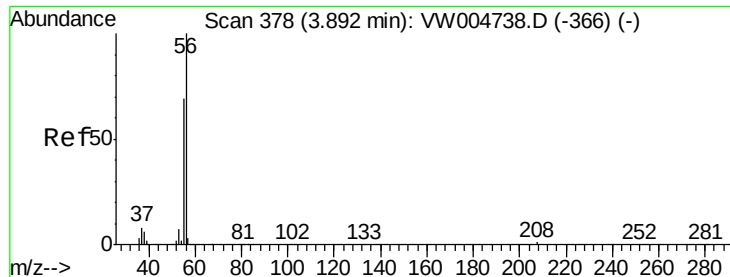


#12

1,1-Dichloroethene
Concen: 53.27 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	96	Resp	320265
Ion Ratio	100	Lower	Upper
61	157.7	125.6	188.4
98	63.8	49.4	74.0





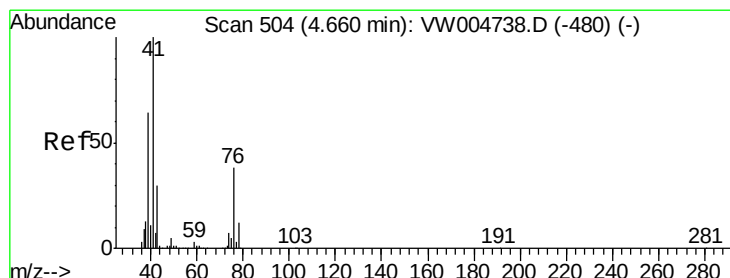
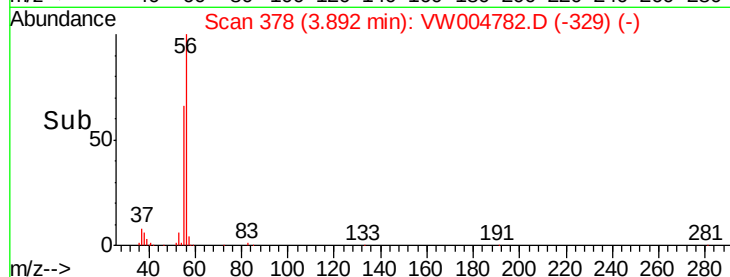
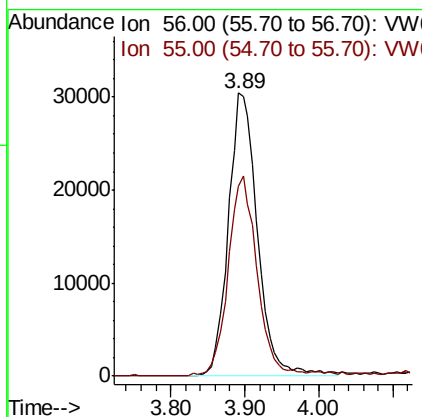
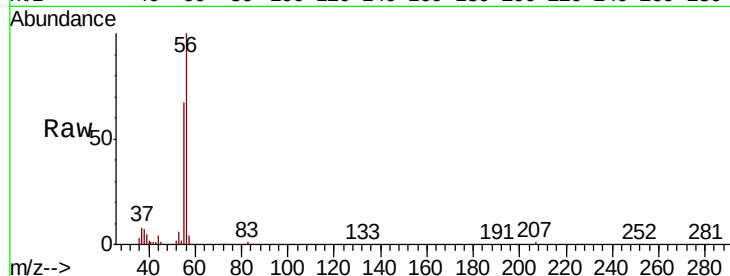
#13
Acrolein
Concen: 197.58 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1

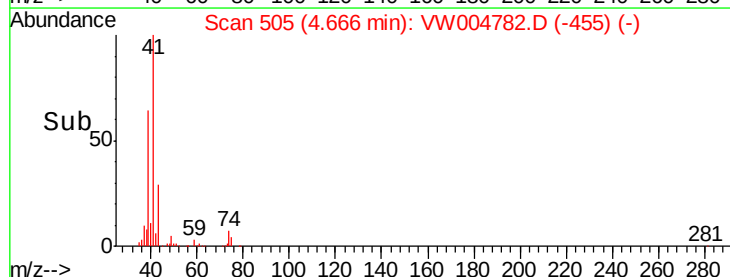
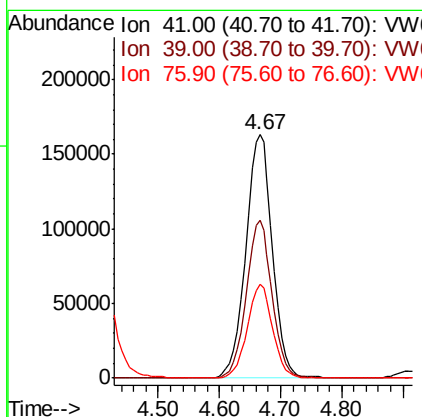
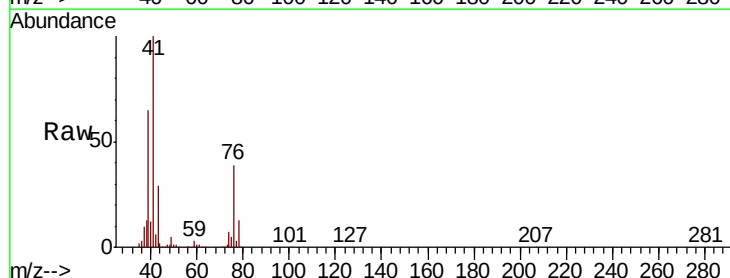
Manual Integrations
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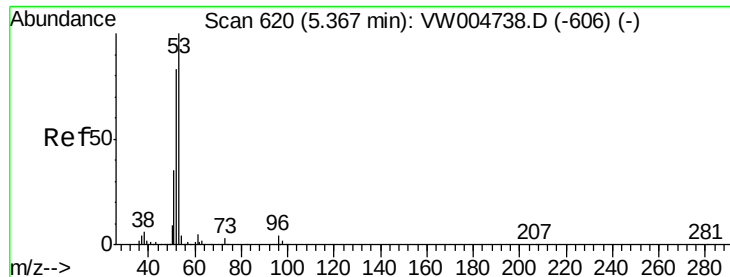
apatel
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#14
Allyl chloride
Concen: 54.12 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.8	50.0	75.0
76	36.6	29.8	44.6





#15

Acrylonitrile

Concen: 282.17 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

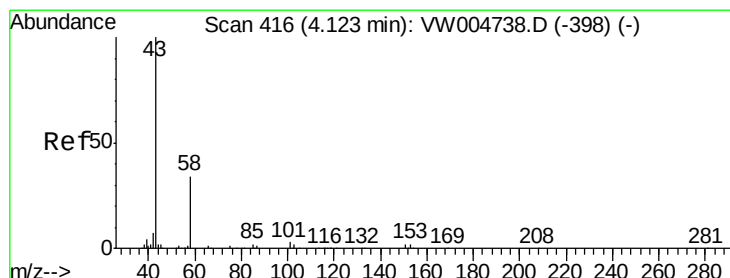
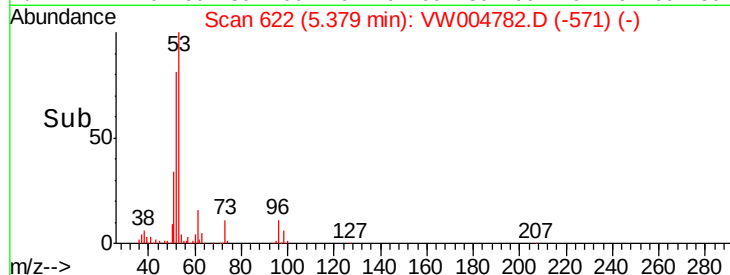
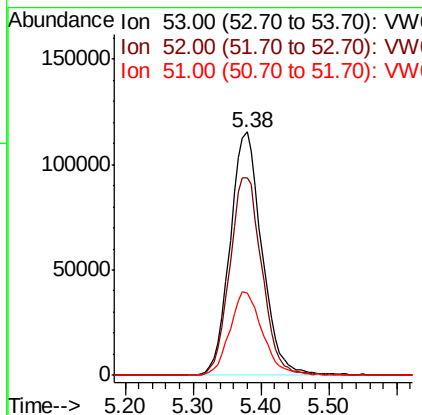
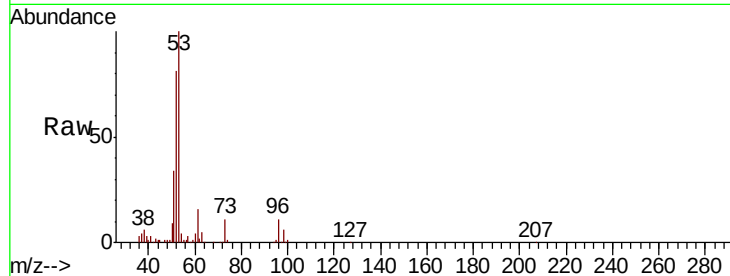
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	374862
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	35.3	28.7	43.1

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#16

Acetone

Concen: 222.30 ug/l

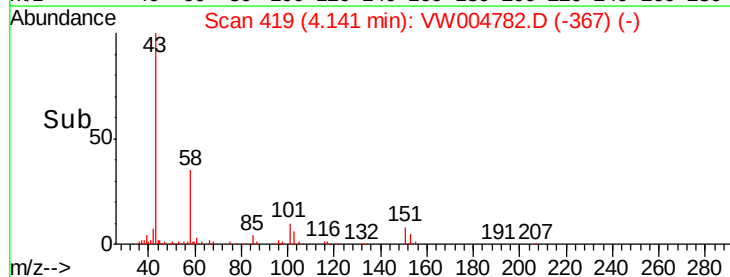
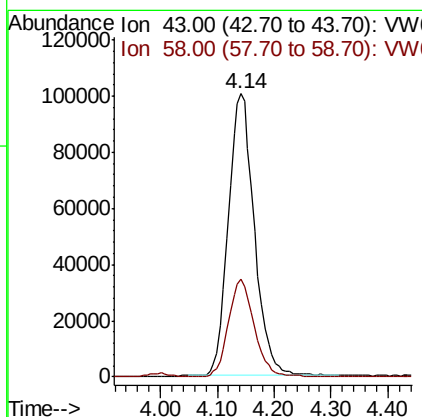
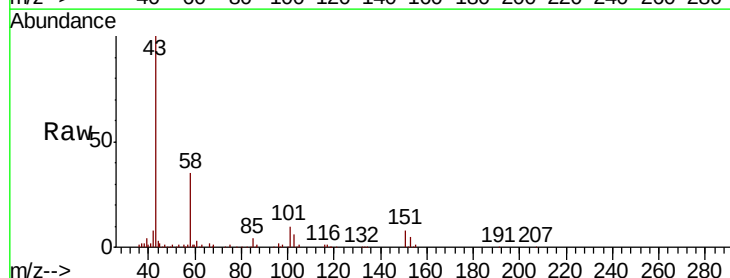
RT: 4.14 min Scan# 419

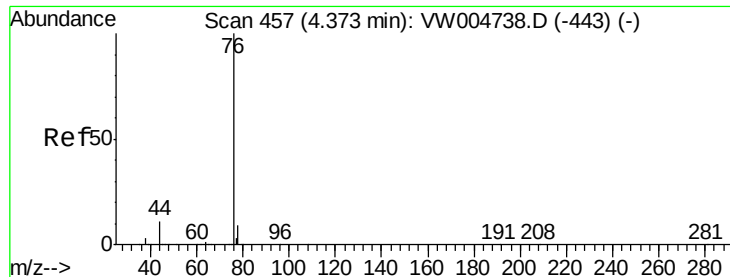
Delta R.T. 0.02 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion	43	Resp	320082
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.3	40.9





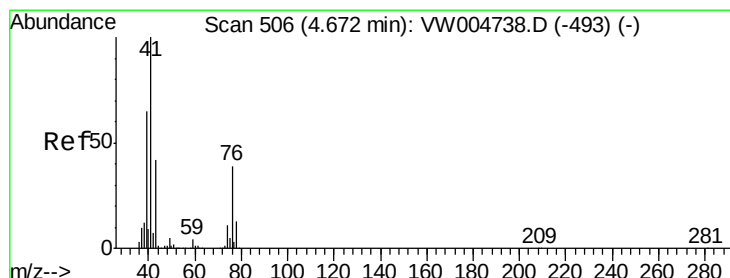
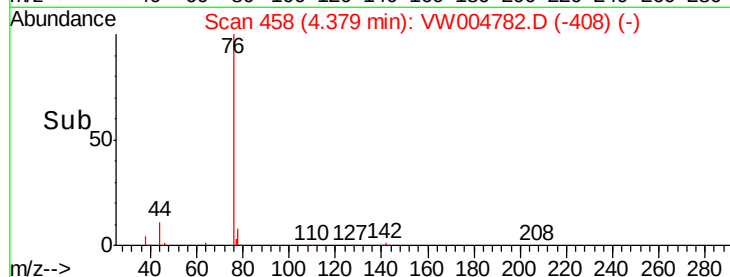
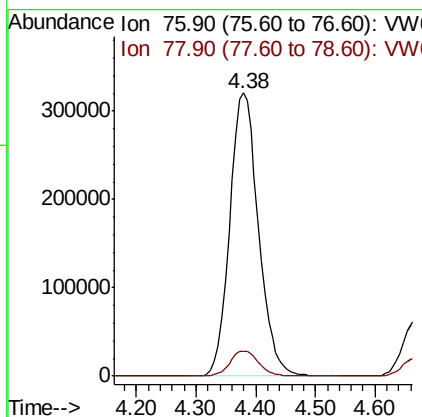
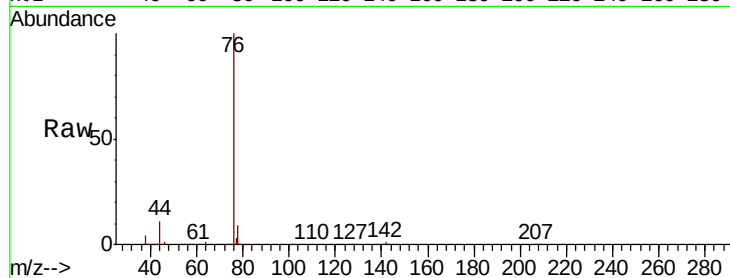
#17
Carbon Disulfide
Concen: 54.40 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1074848
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

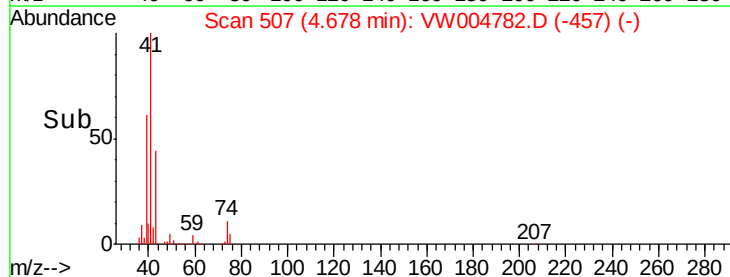
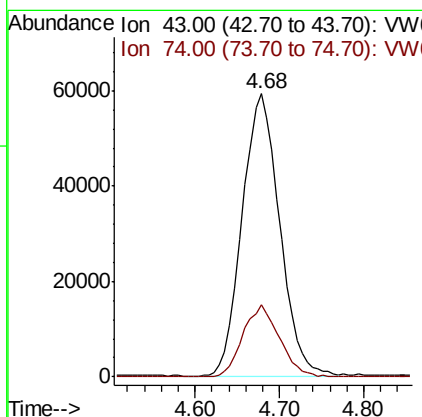
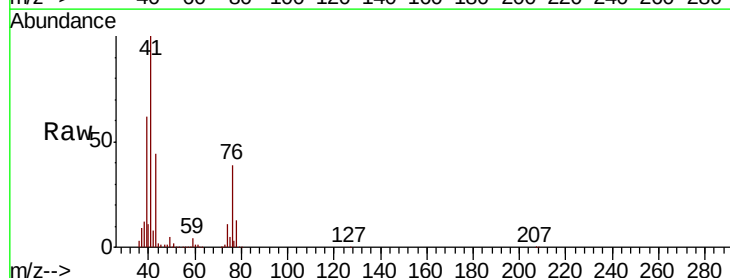
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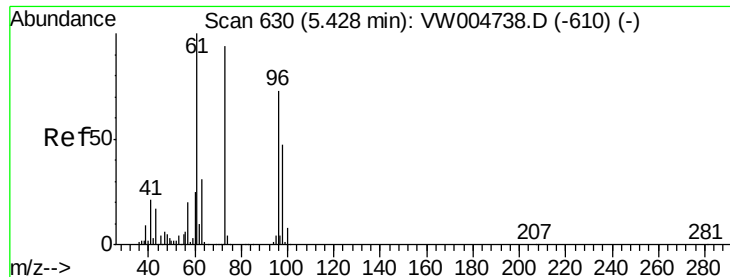
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#18
Methyl Acetate
Concen: 57.81 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion: 43 Resp: 178378
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8





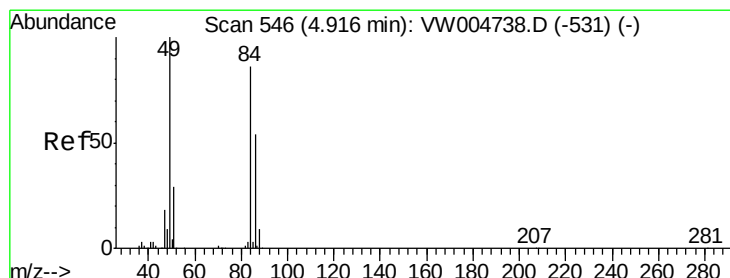
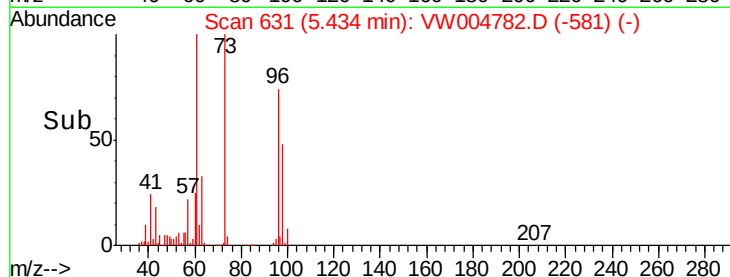
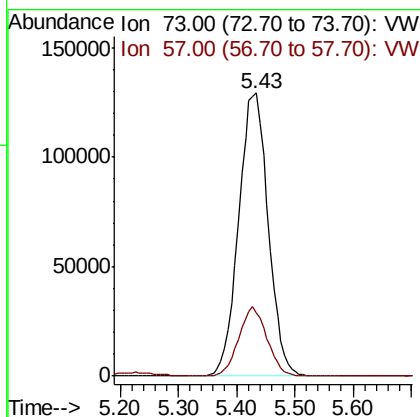
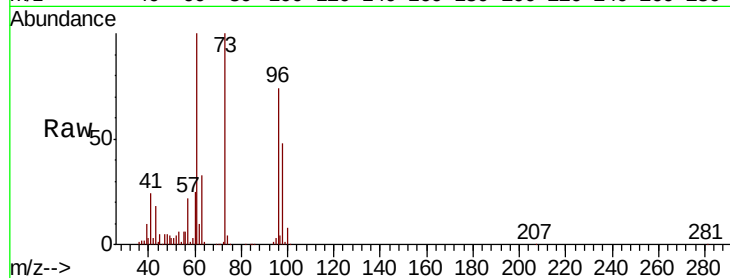
#19
Methyl tert-butyl Ether
Concen: 58.27 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.3	25.9

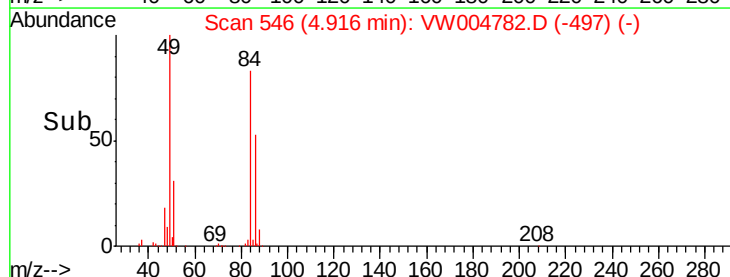
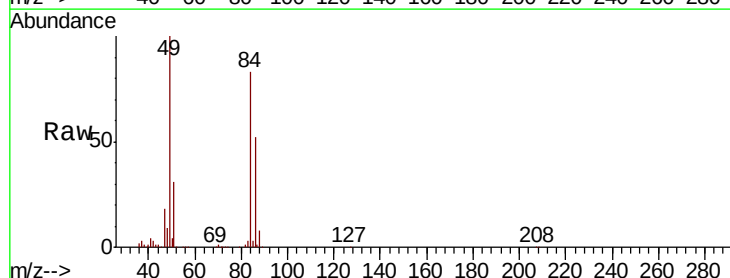
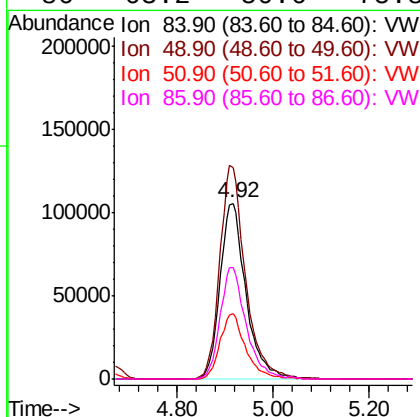
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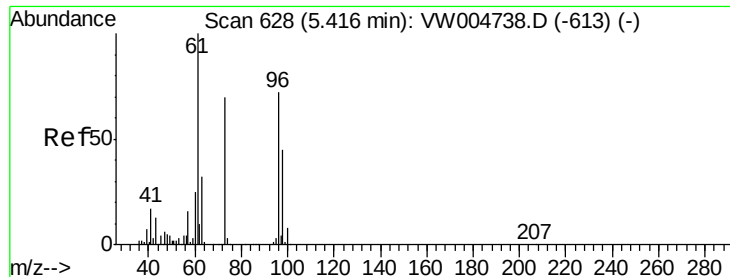
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#20
Methylene Chloride
Concen: 61.13 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	93.2	139.8
51	37.2	27.4	41.0
86	63.2	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 55.95 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

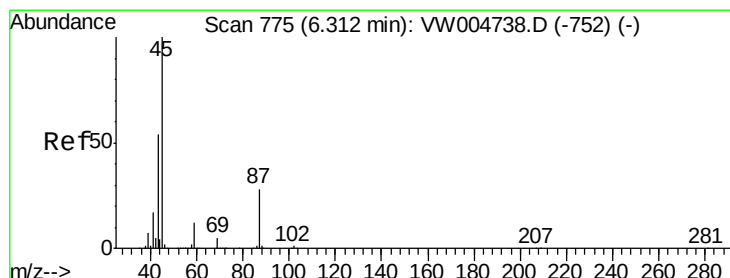
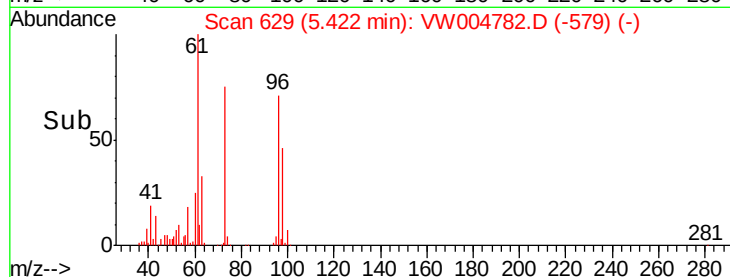
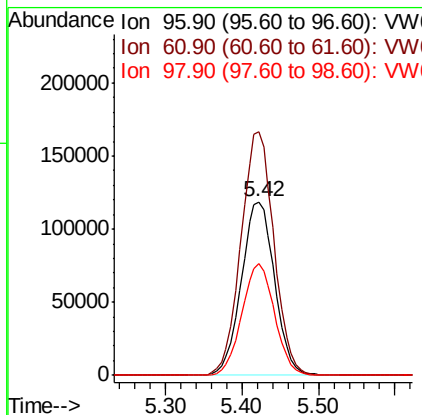
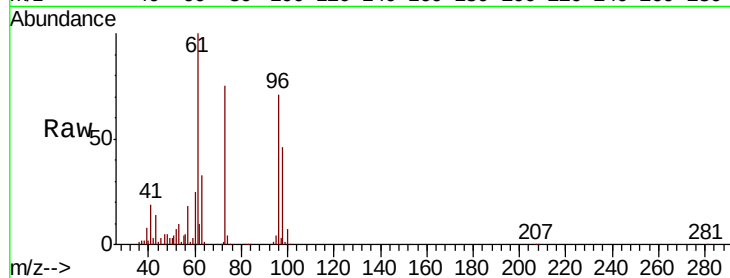
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	357899
Ion	Ratio	Lower	Upper
96	100		
61	140.1	111.4	167.0
98	64.0	49.7	74.5

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#22

Diisopropyl ether

Concen: 60.23 ug/l

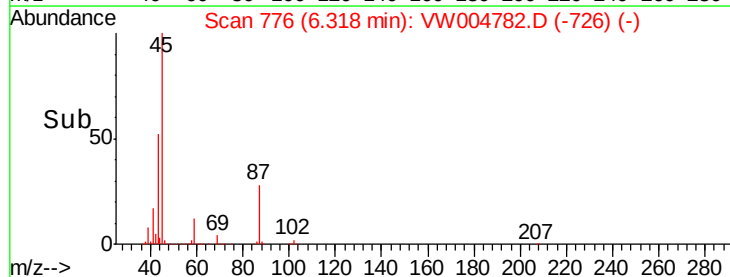
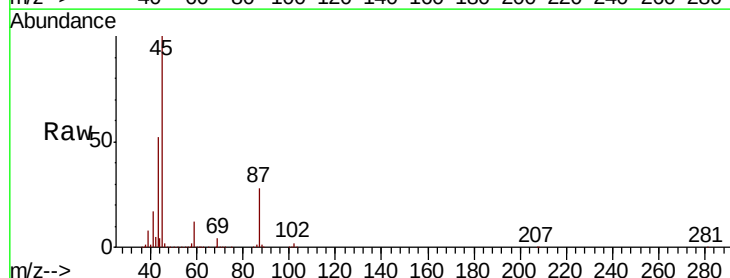
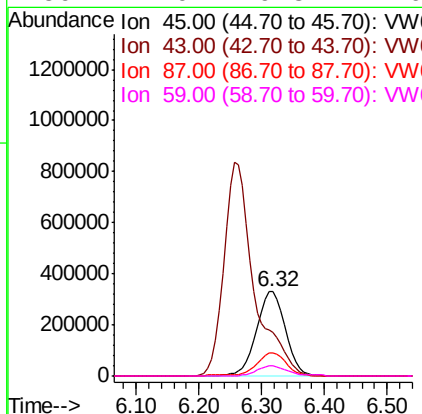
RT: 6.32 min Scan# 776

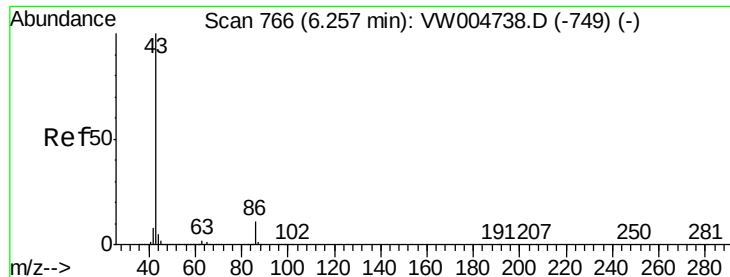
Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	45	Resp:	1056275
Ion	Ratio	Lower	Upper
45	100		
43	51.6	43.0	64.6
87	27.6	22.2	33.4
59	12.0	9.8	14.6





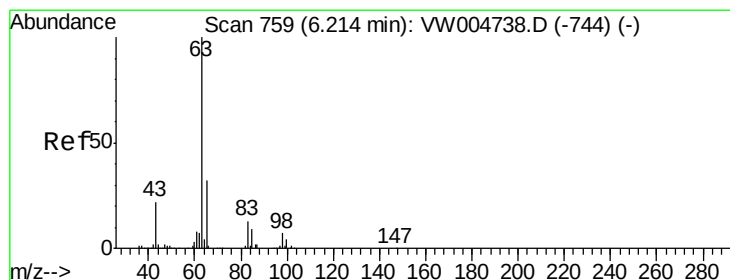
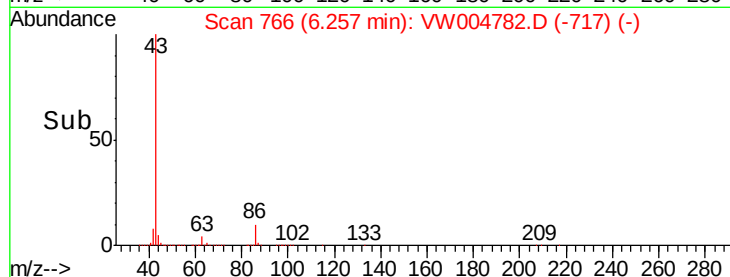
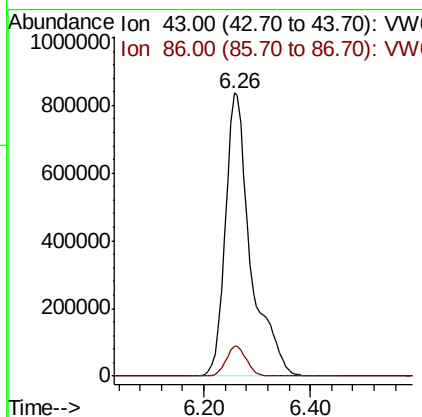
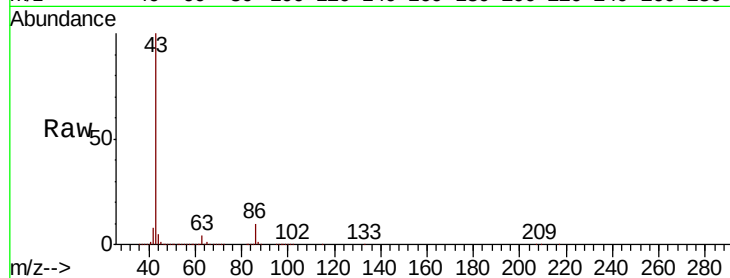
#23
 Vinyl Acetate
 Concen: 279.96 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2777001
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

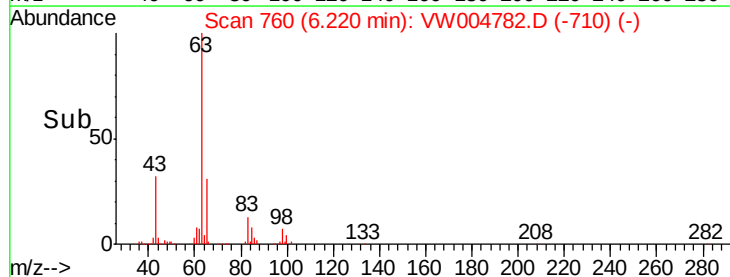
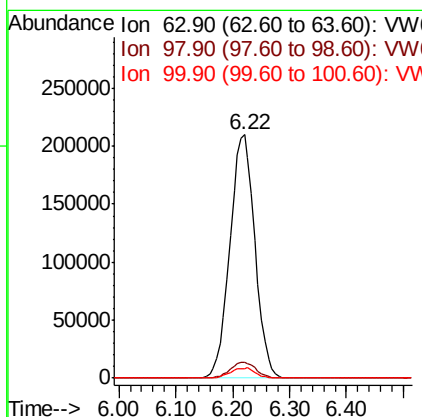
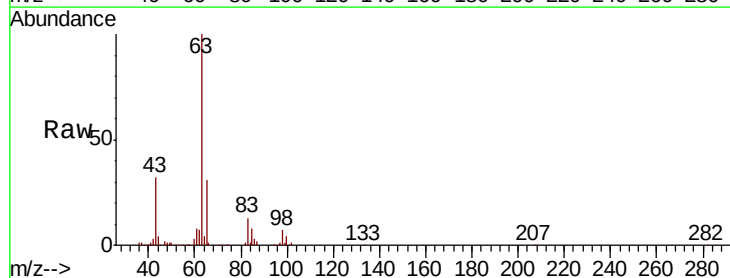
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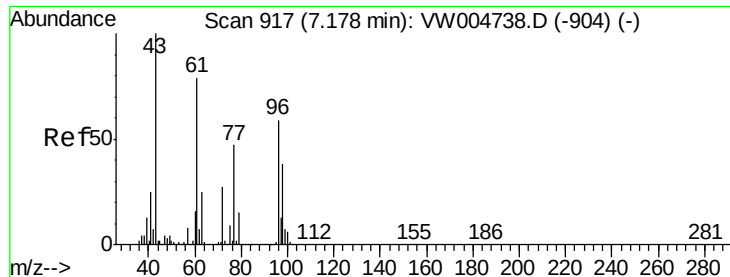
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#24
 1,1-Dichloroethane
 Concen: 56.35 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion: 63 Resp: 642219
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 263.70 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 540985

Ion Ratio Lower Upper

43 100

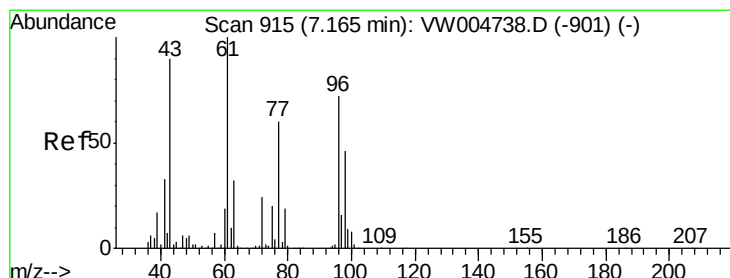
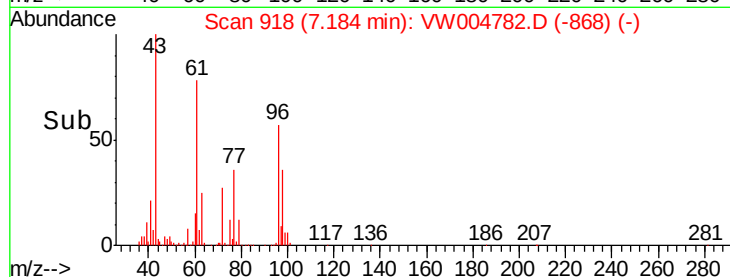
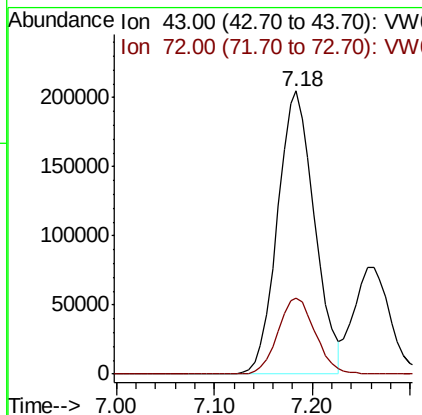
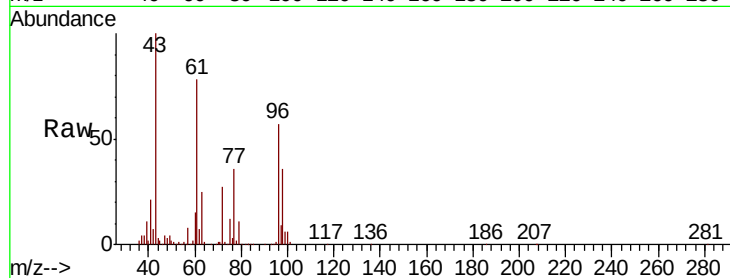
72 27.0 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.34 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004782.D

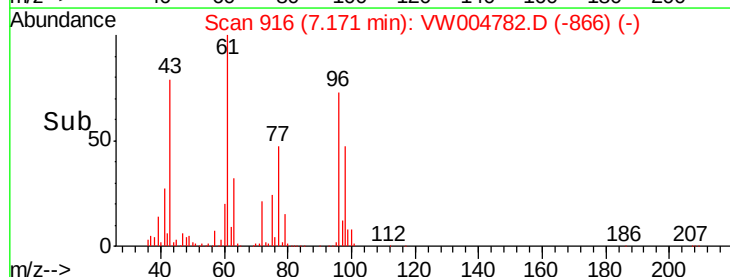
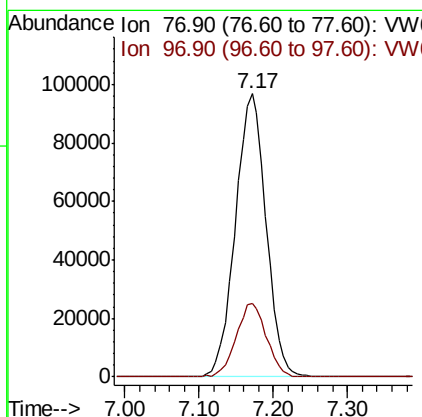
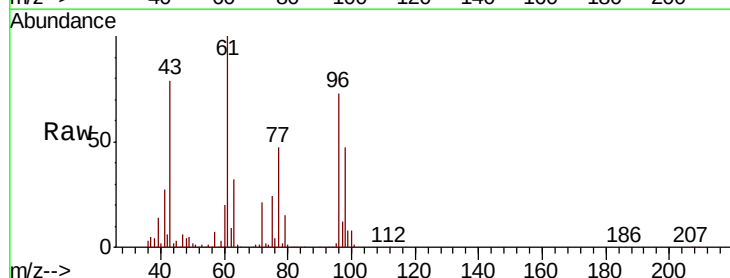
Acq: 18 Aug 2018 14:39

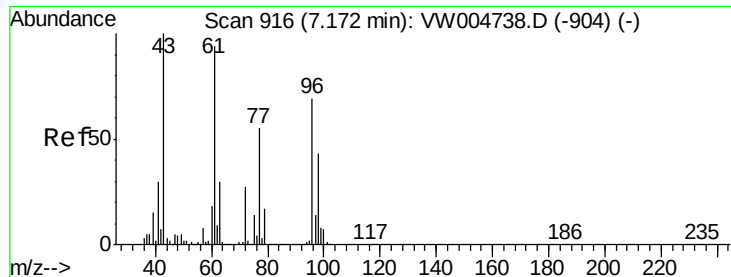
Tgt Ion: 77 Resp: 278699

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.8





#27

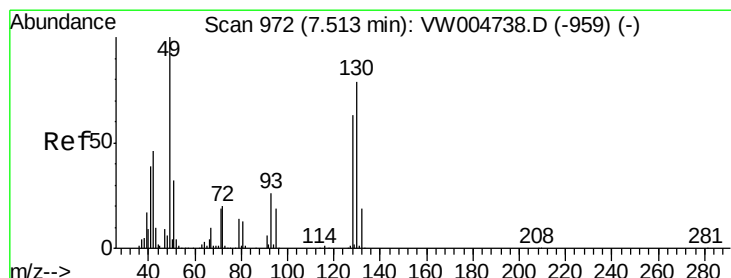
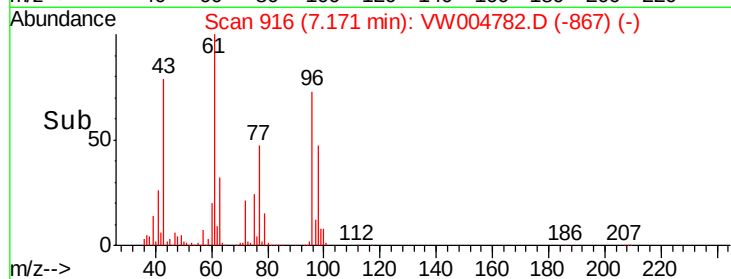
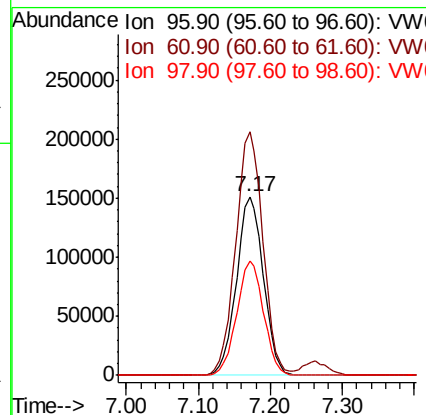
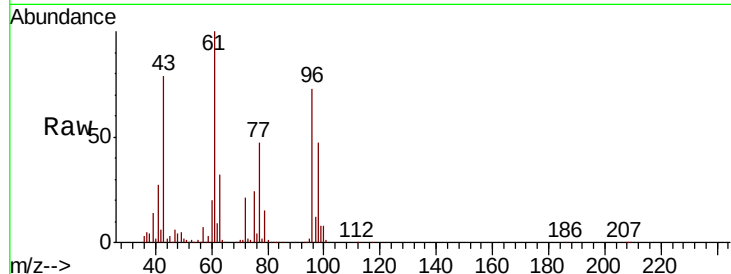
cis-1,2-Dichloroethene
 Concen: 56.99 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	392433		
61	137.3	0.0	277.6	
98	63.7	0.0	127.4	

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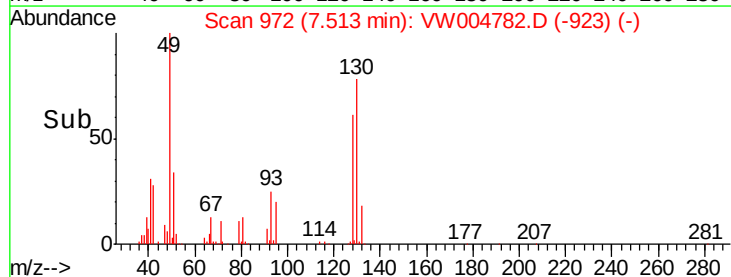
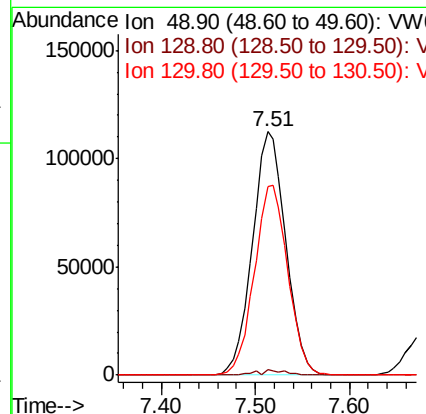
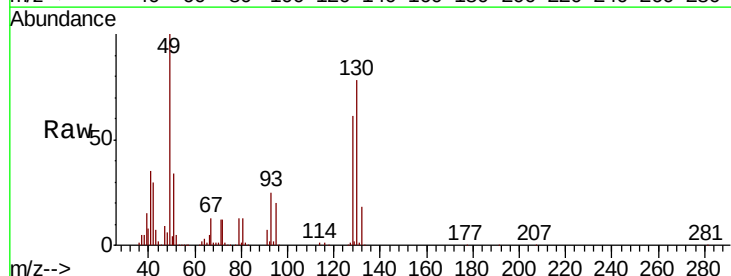
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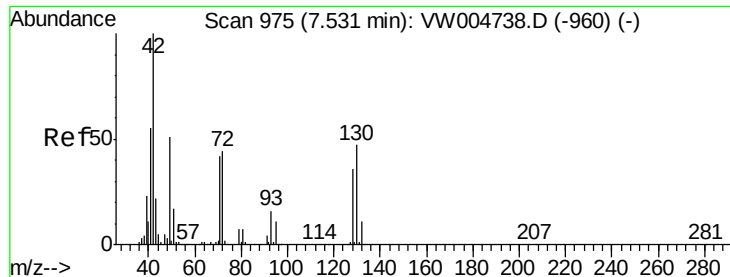


#28

Bromochloromethane
 Concen: 58.17 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	279148		
129	1.8	0.0	4.4	
130	78.6	63.7	95.5	





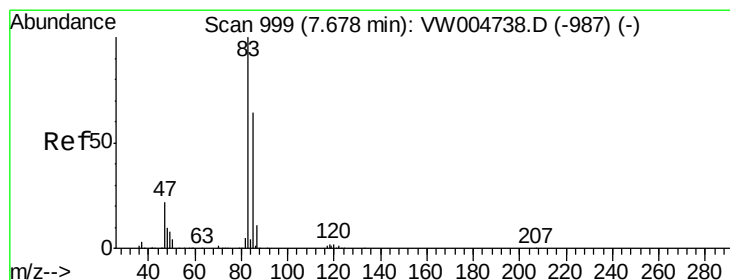
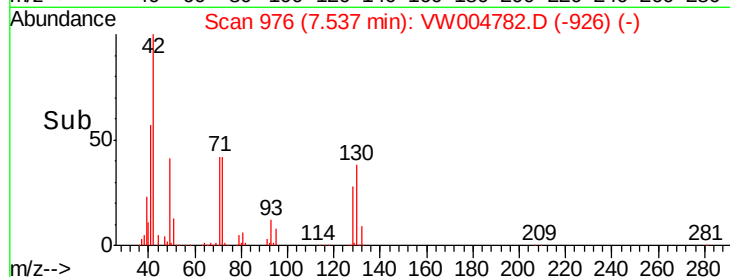
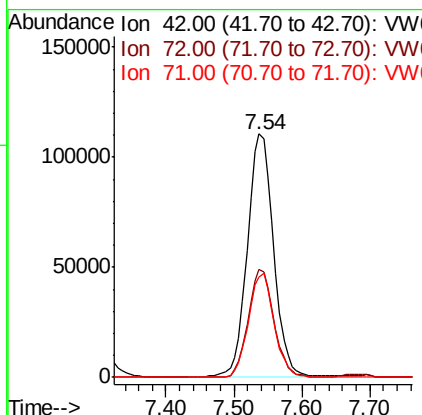
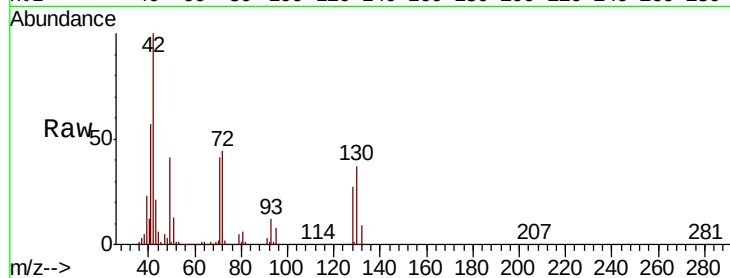
#29
Tetrahydrofuran
Concen: 284.03 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	297131
Ion Ratio		Lower	Upper
42	100		
72	43.4	34.9	52.3
71	41.7	33.8	50.6

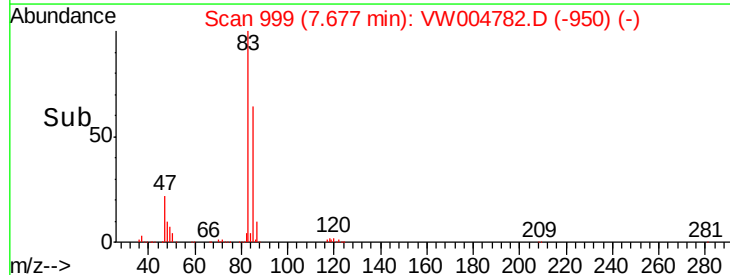
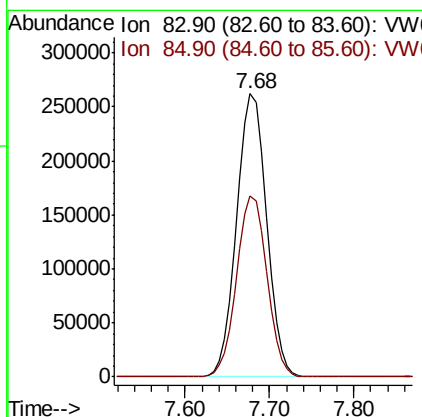
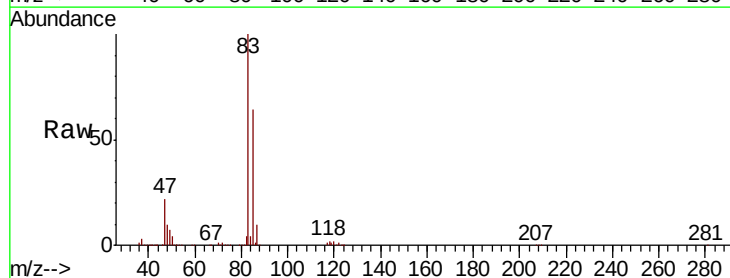
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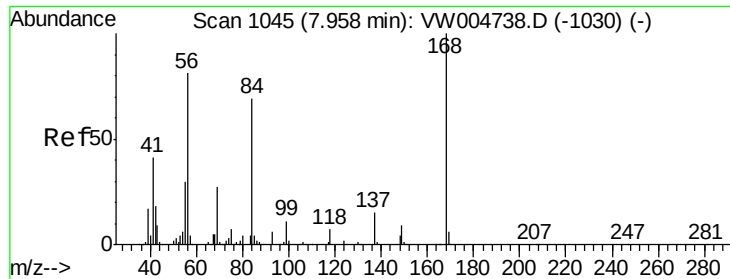
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#30
Chloroform
Concen: 56.36 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion:	83	Resp:	631628
Ion Ratio		Lower	Upper
83	100		
85	63.8	51.0	76.6





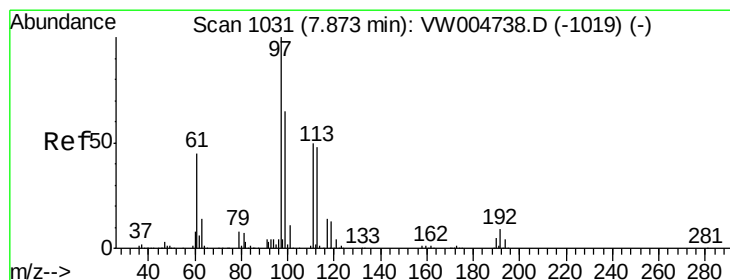
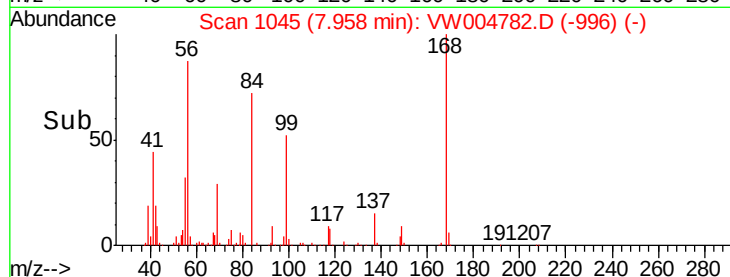
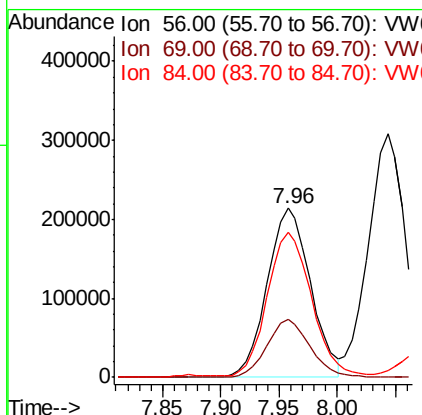
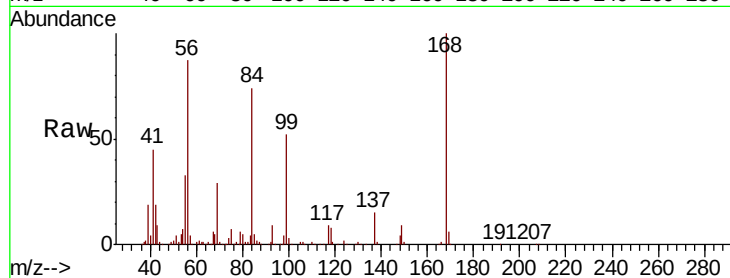
#31
Cyclohexane
Concen: 50.25 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.1	40.7
84	84.6	68.3	102.5

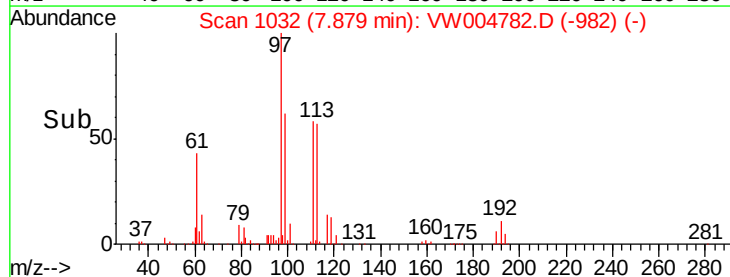
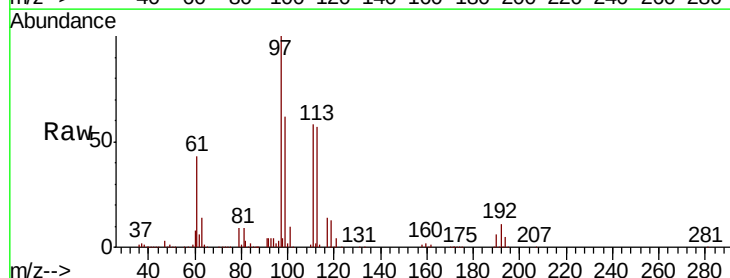
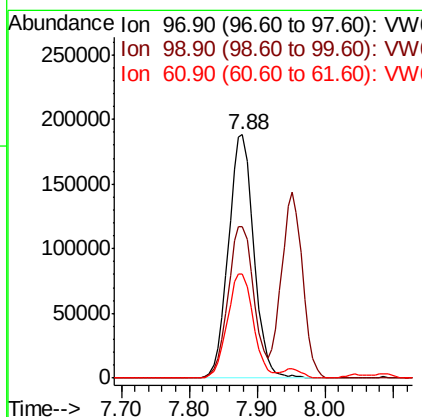
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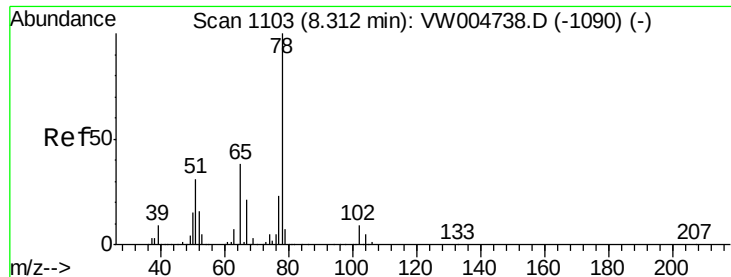
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#32
1,1,1-Trichloroethane
Concen: 54.79 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	43.9	34.4	51.6





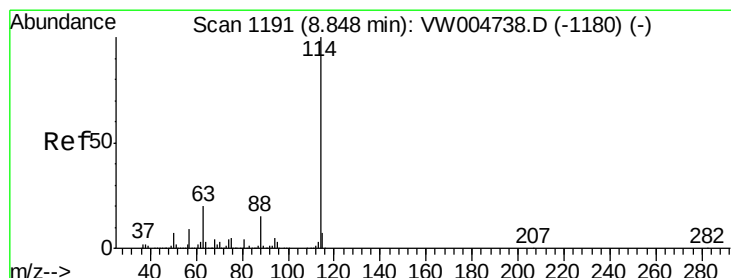
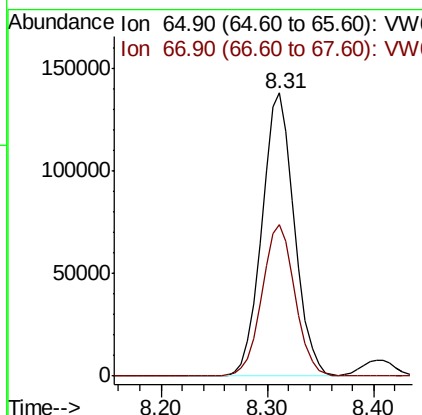
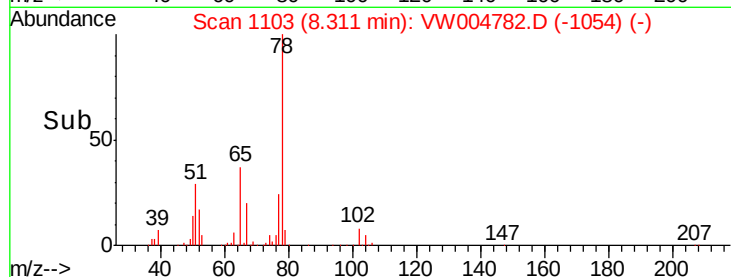
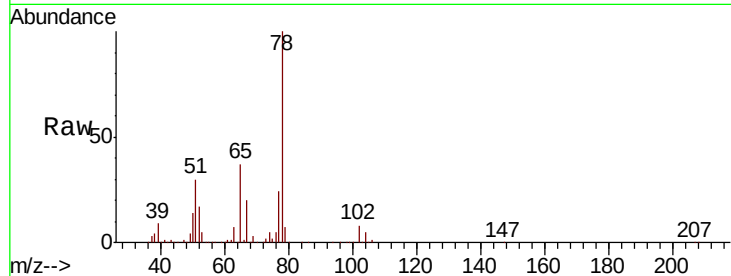
#33
 1,2-Dichloroethane-d4
 Concen: 51.95 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	293044		
67	54.5	0.0	109.4	

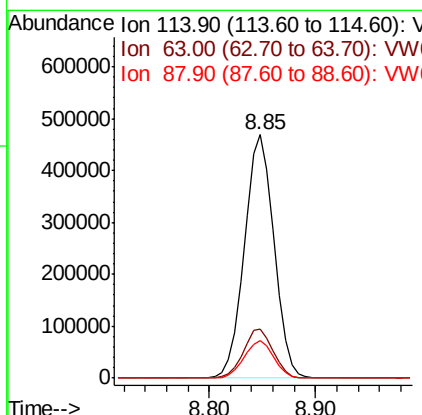
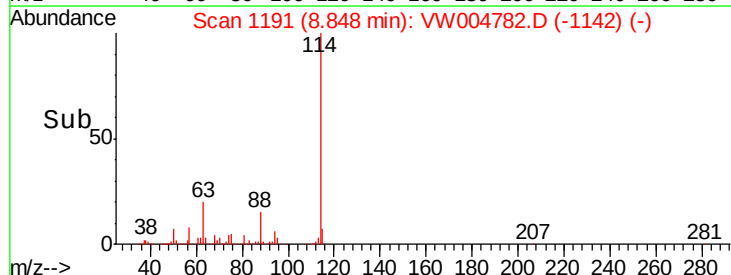
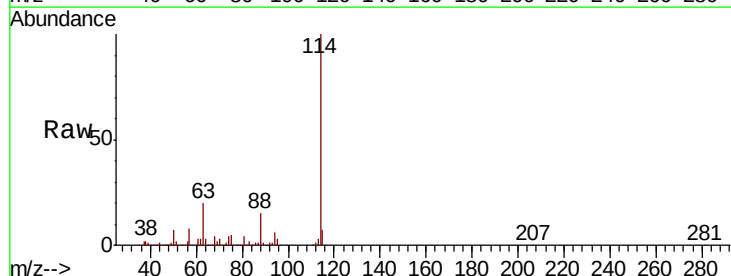
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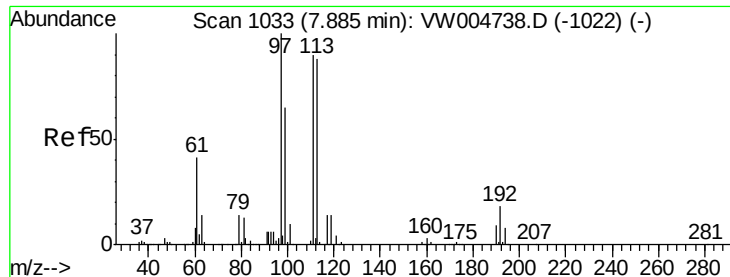
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	912842		
63	20.0	0.0	39.0	
88	15.3	0.0	30.0	





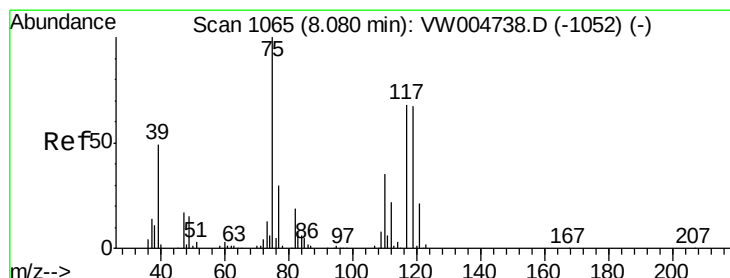
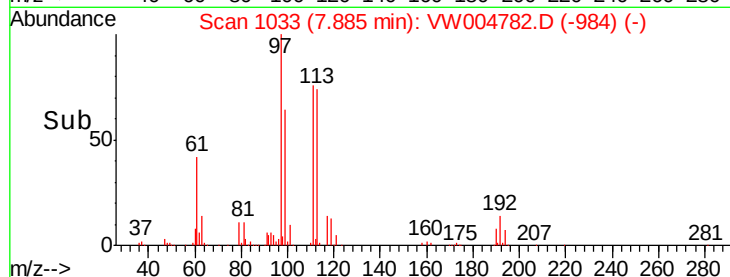
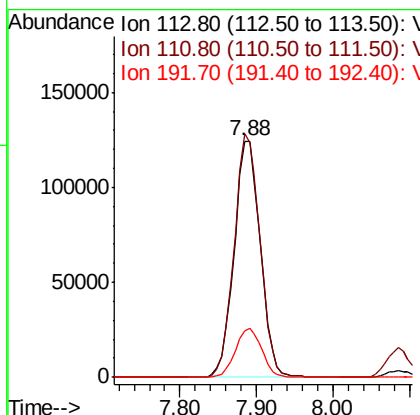
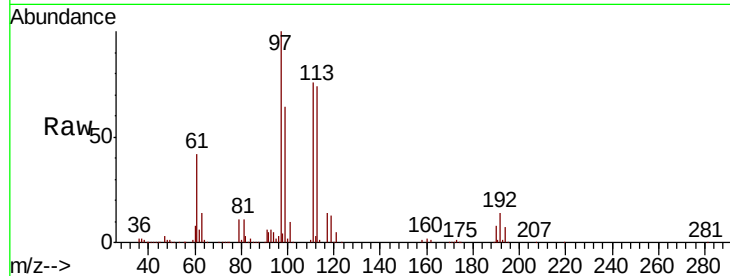
#35
 Dibromofluoromethane
 Concen: 50.45 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	294368		
111	101.8	82.4	123.6	
192	20.6	16.7	25.1	

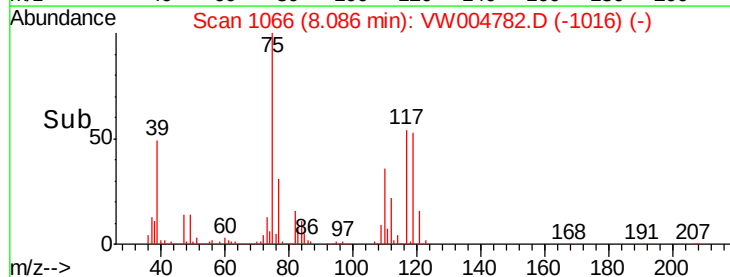
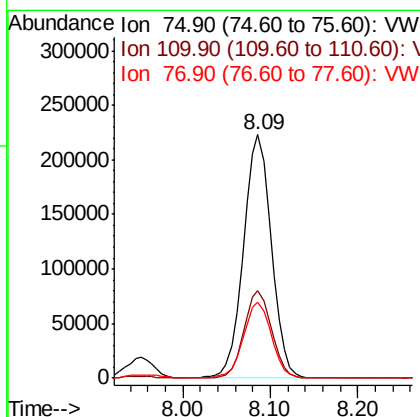
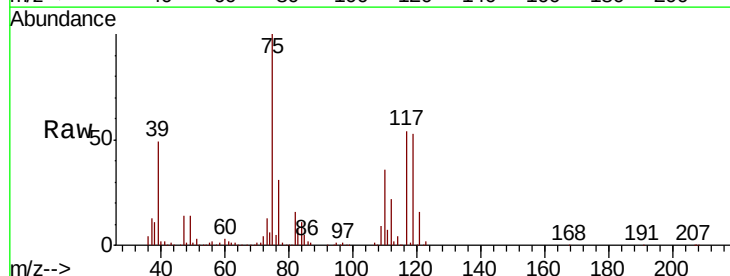
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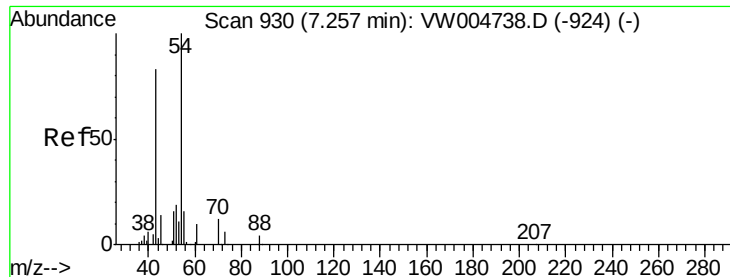
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#36
 1,1-Dichloropropene
 Concen: 52.35 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	492314		
110	35.4	17.8	53.5	
77	31.4	24.9	37.3	





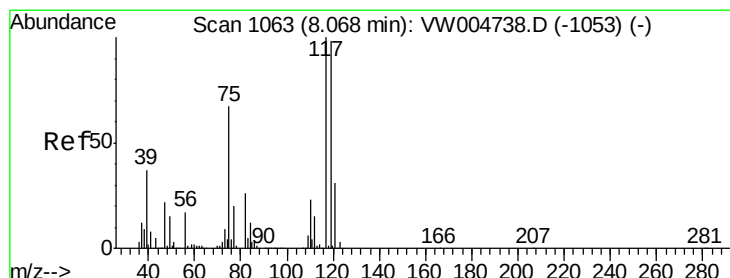
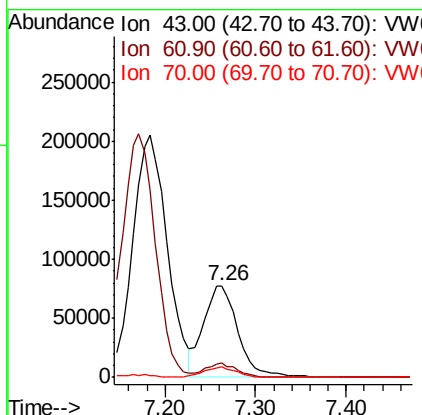
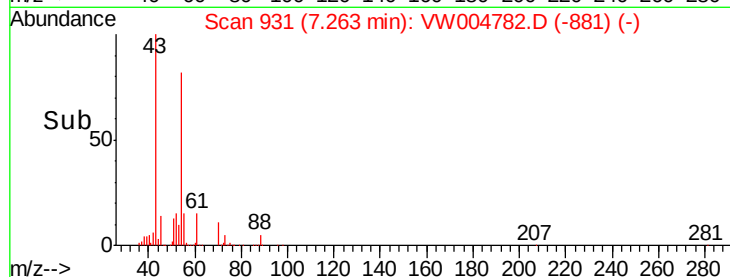
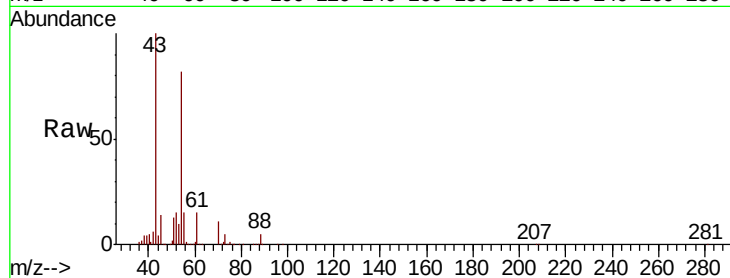
#37
Ethyl Acetate
Concen: 54.59 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.6	17.4
70	10.9	9.2	13.8

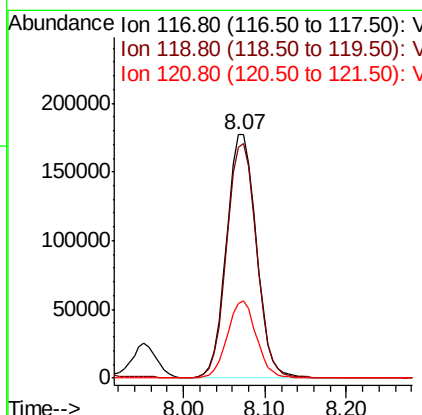
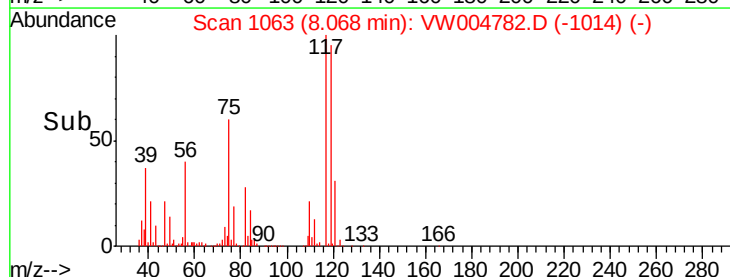
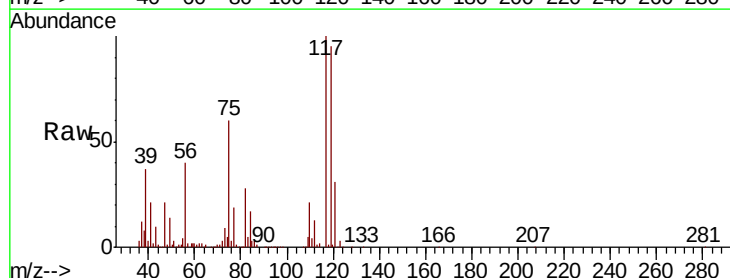
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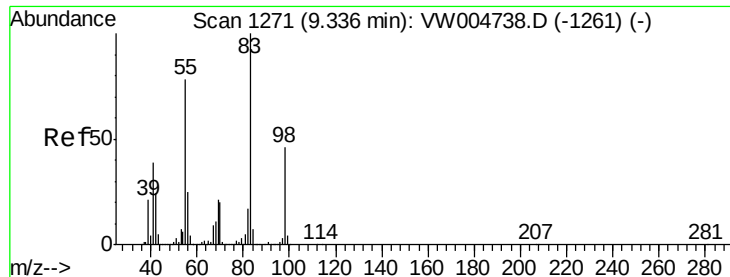
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#38
Carbon Tetrachloride
Concen: 51.72 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.0	117.0
121	30.8	24.8	37.2





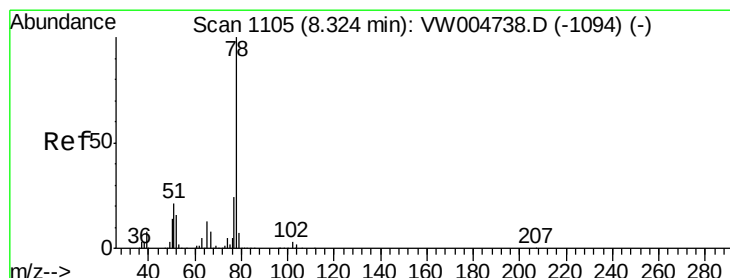
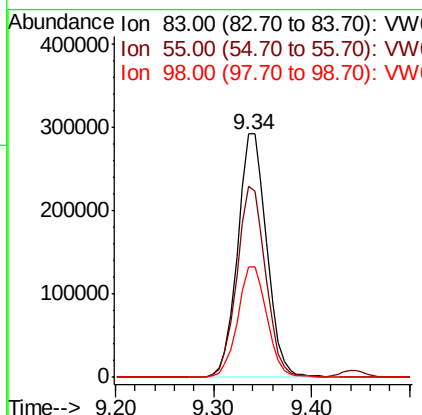
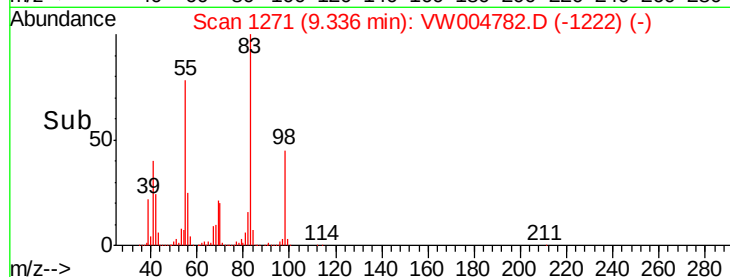
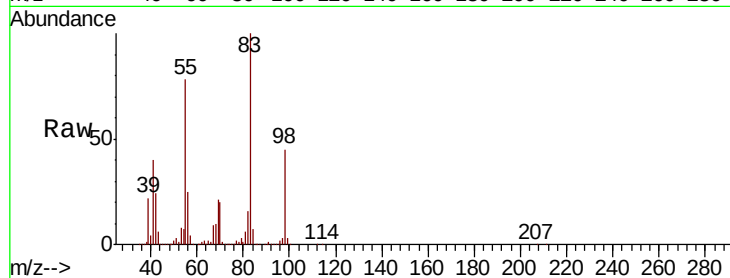
#39
Methylvlcyclohexane
Concen: 51.34 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.4	93.6
98	45.3	36.5	54.7

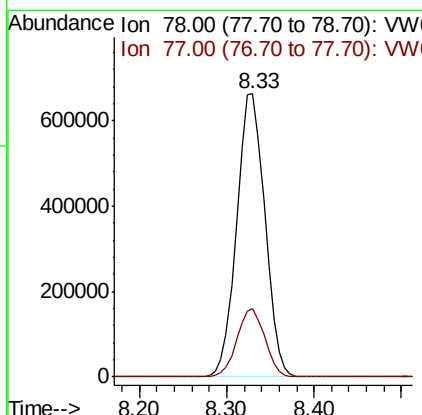
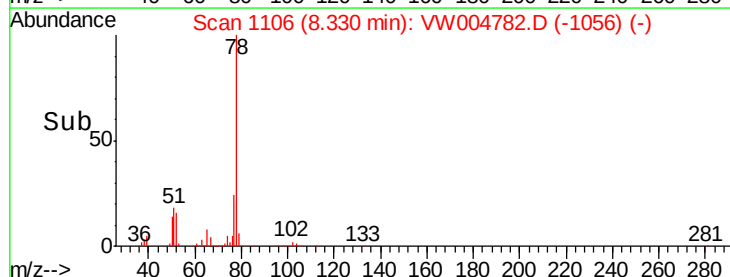
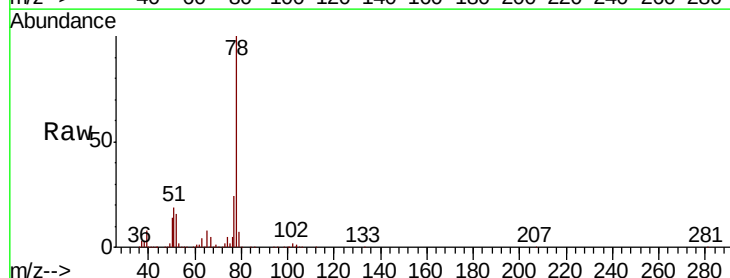
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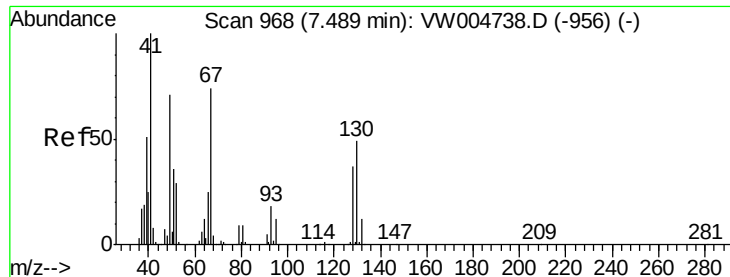
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#40
Benzene
Concen: 54.47 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





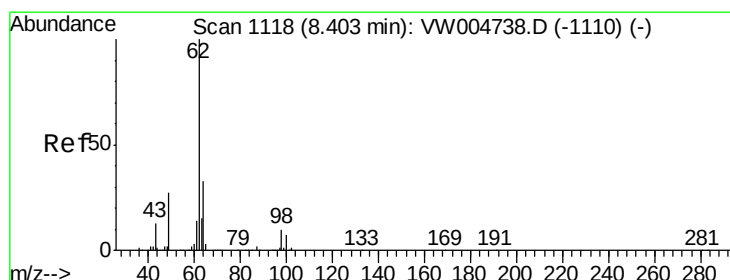
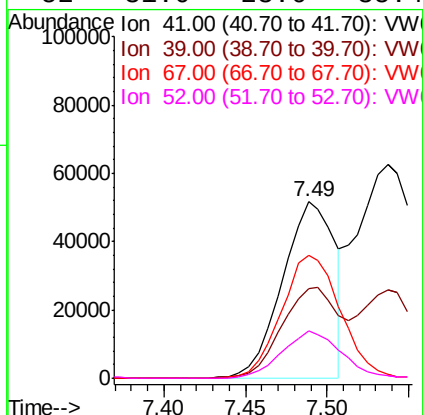
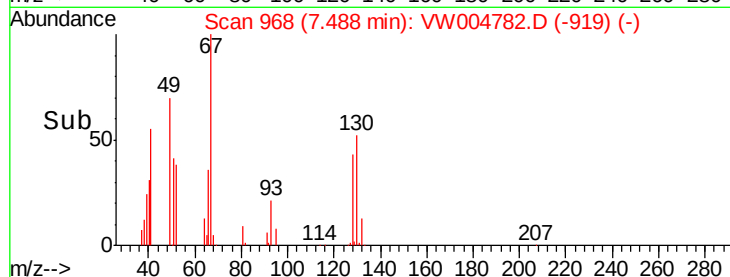
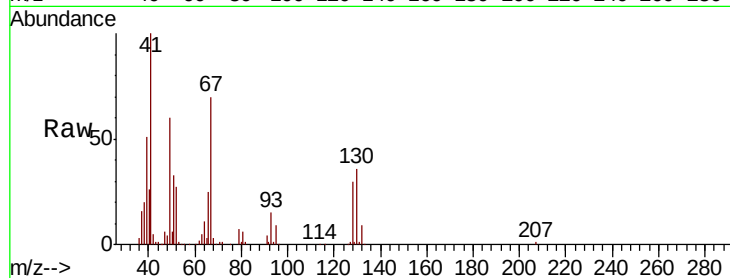
#41
Methacrylonitrile
Concen: 54.02 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.0	61.4
67	78.9	59.5	89.3
52	31.0	23.6	35.4

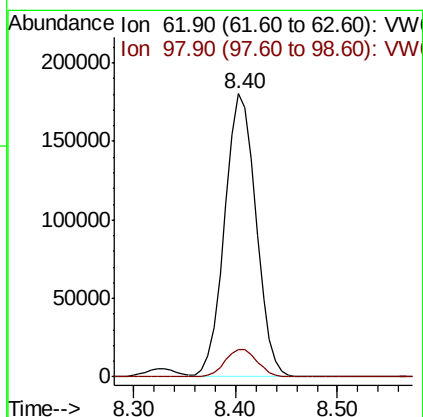
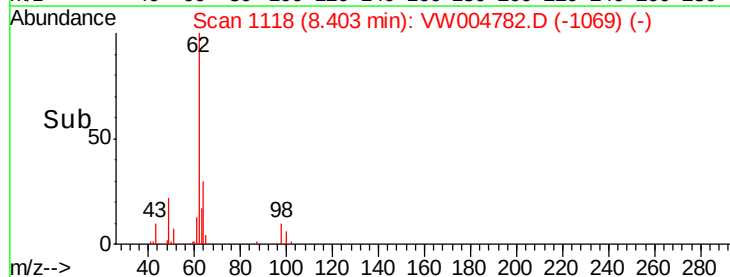
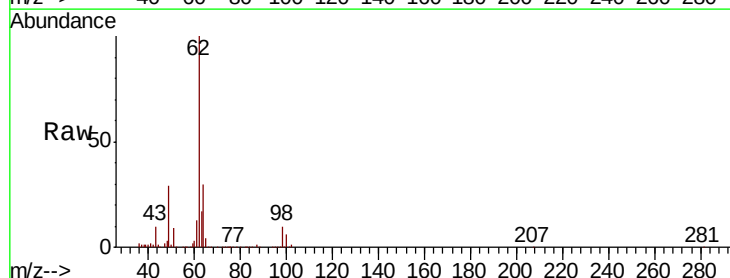
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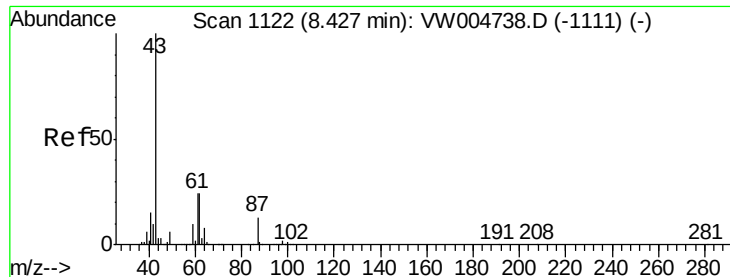
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#42
1,2-Dichloroethane
Concen: 54.93 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.41 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

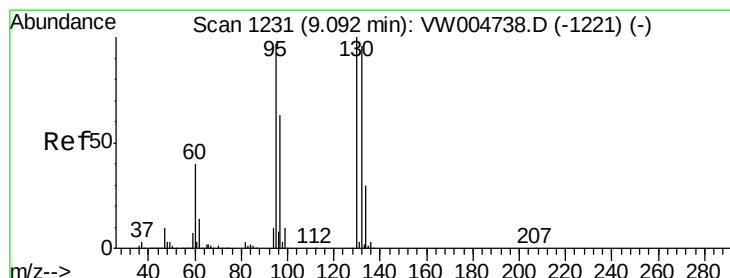
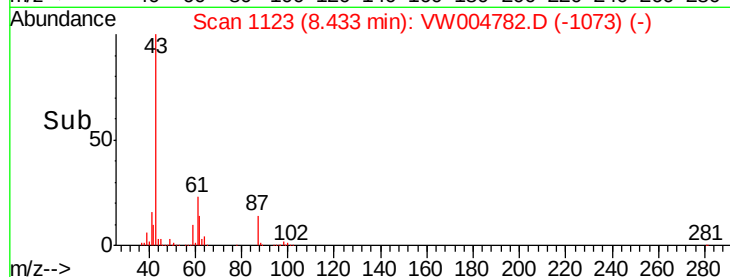
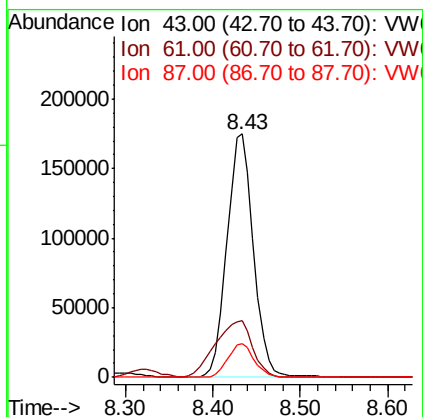
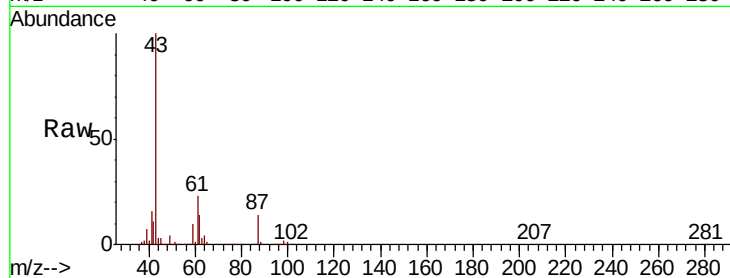
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	366368
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	13.8	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 53.17 ug/l

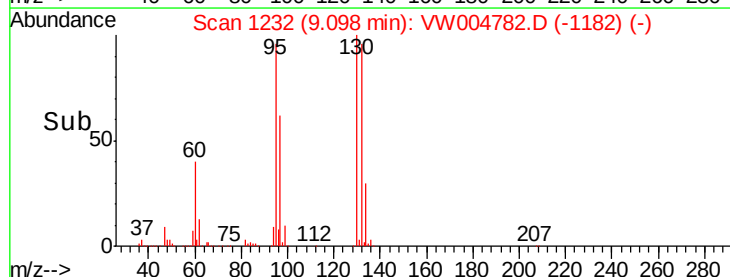
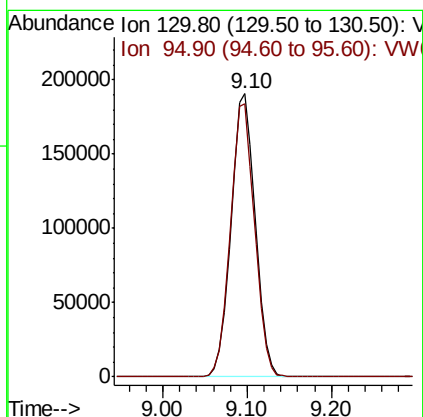
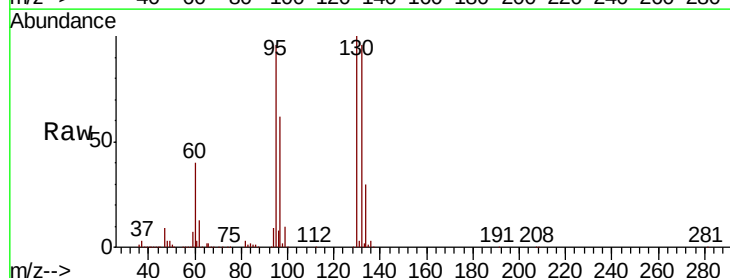
RT: 9.10 min Scan# 1232

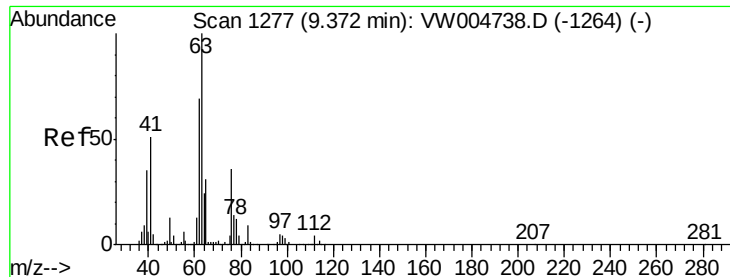
Delta R.T. 0.01 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	130	Resp:	368891
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	194.4





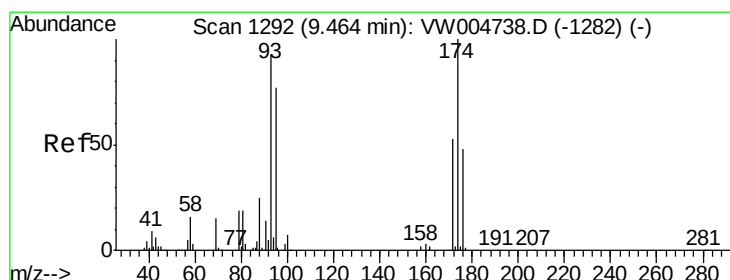
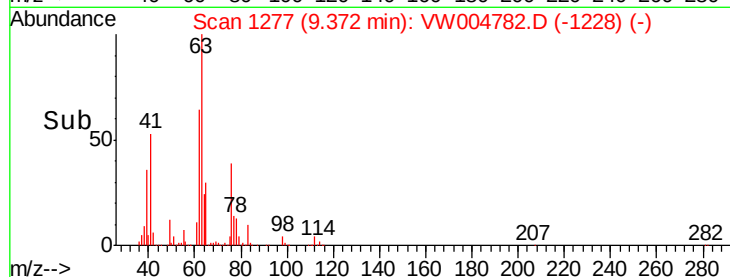
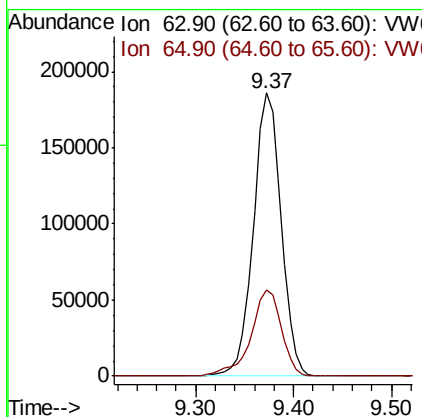
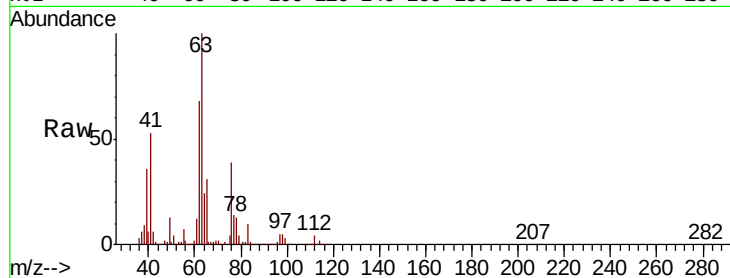
#45
 1,2-Dichloropropane
 Concen: 54.79 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.6	37.0

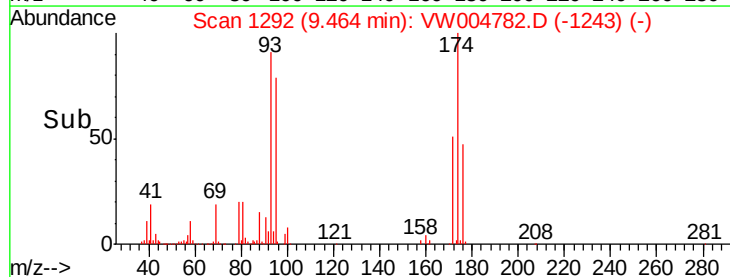
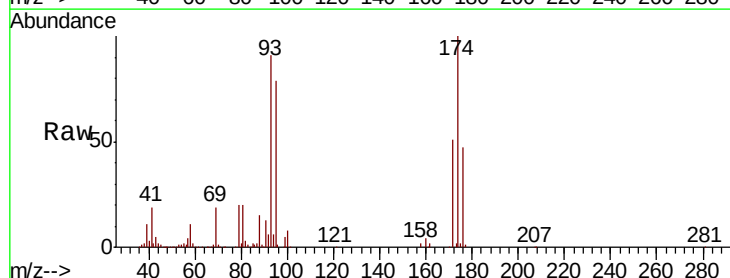
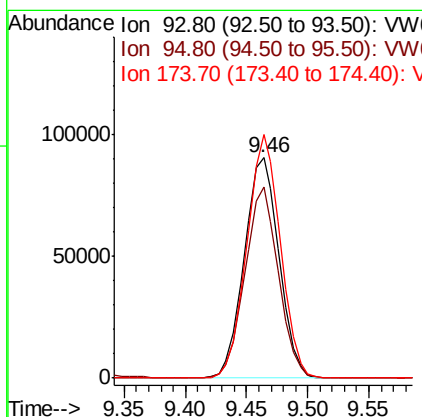
Manual Integrations
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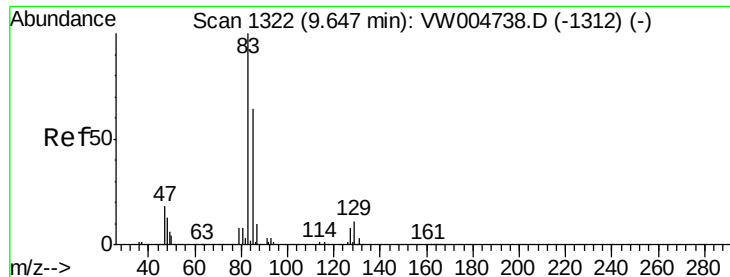
apatel
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#46
 Dibromomethane
 Concen: 53.99 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.6	99.8
174	106.9	85.3	127.9





#47

Bromodichloromethane

Concen: 55.09 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

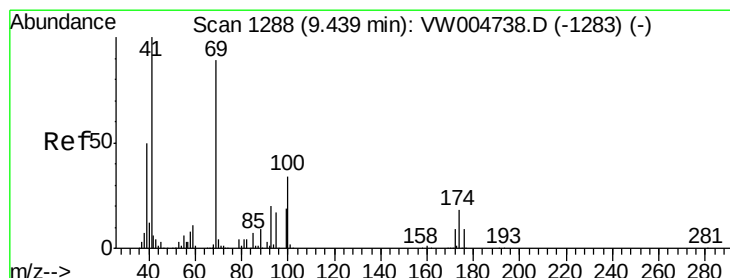
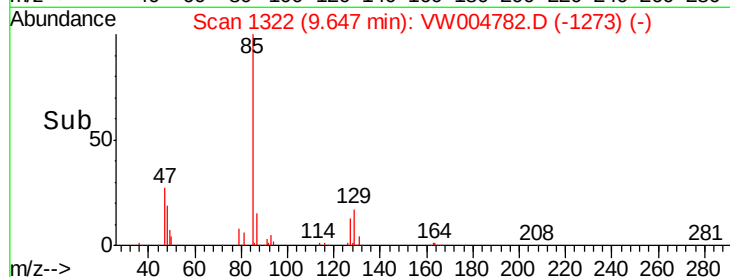
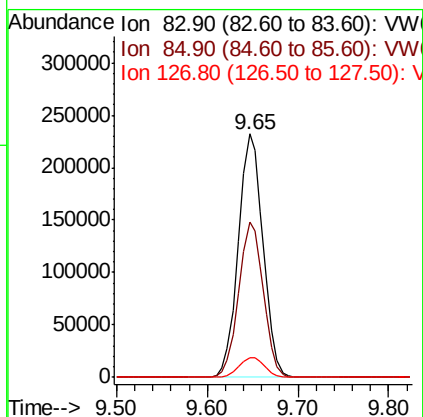
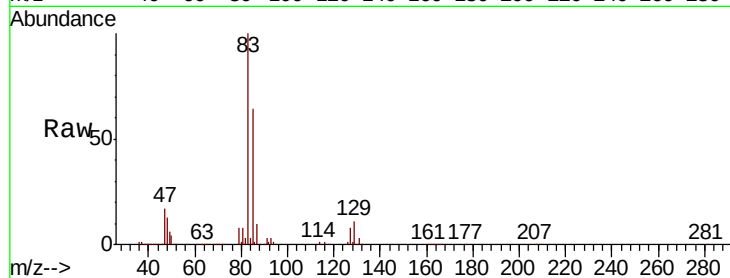
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	435723
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: 56.47 ug/l

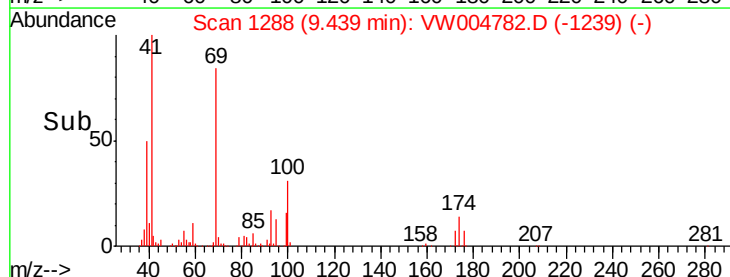
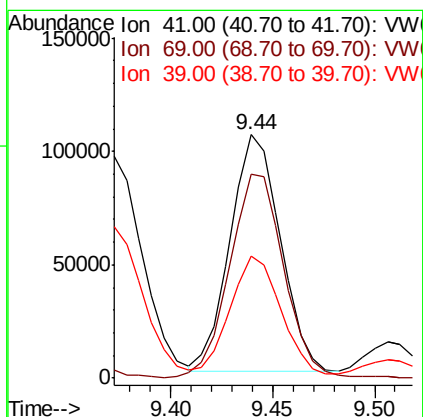
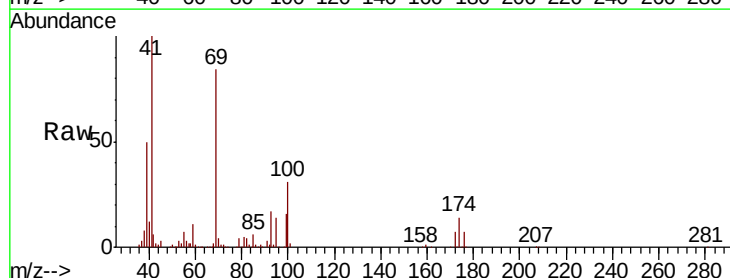
RT: 9.44 min Scan# 1288

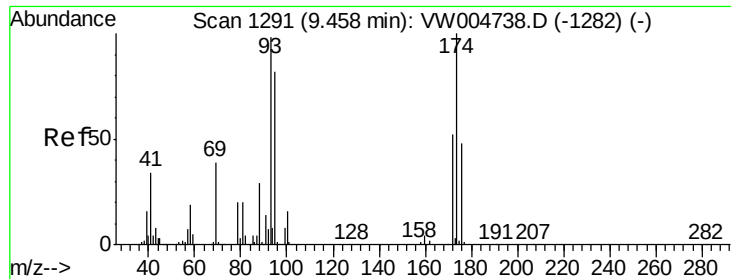
Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	41	Resp:	178434
Ion	Ratio	Lower	Upper
41	100		
69	93.1	75.2	112.8
39	53.8	39.8	59.6





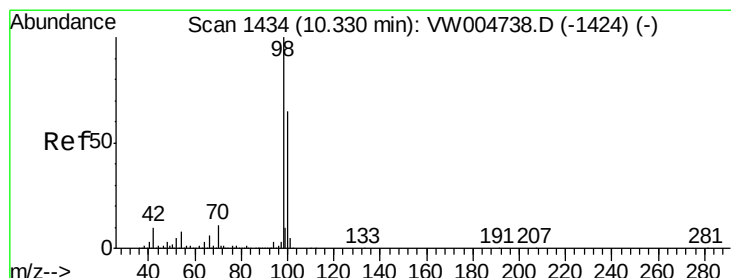
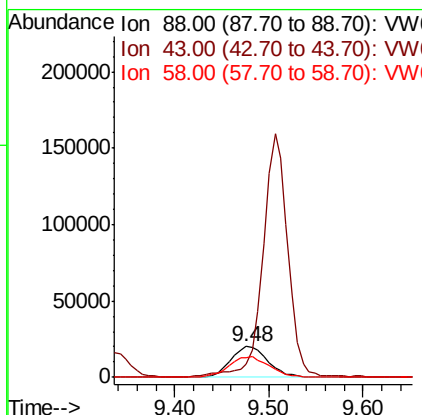
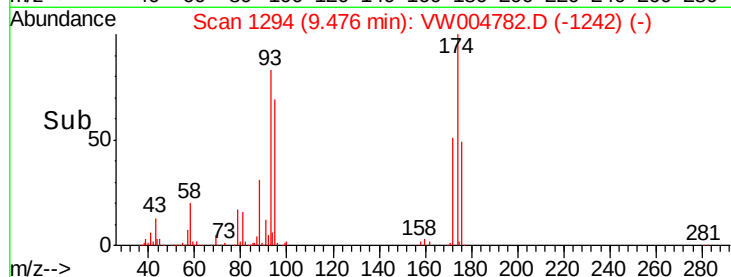
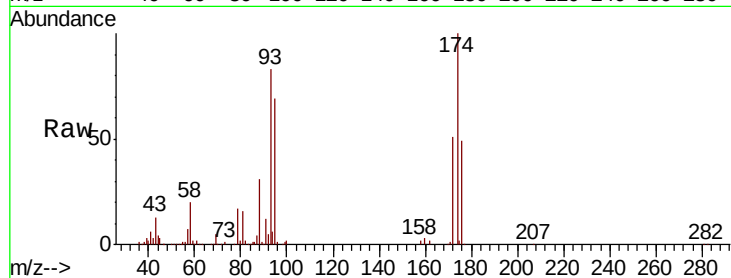
#49
1,4-Dioxane
Concen: 1149.61 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	55625
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	74.6	60.0	90.0

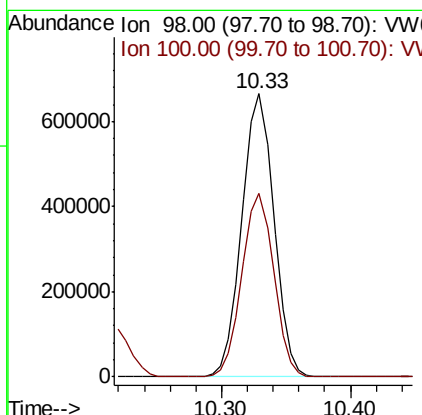
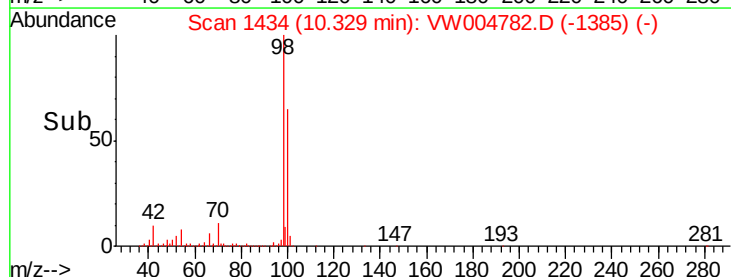
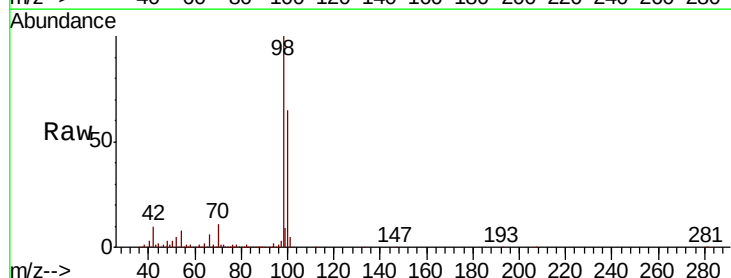
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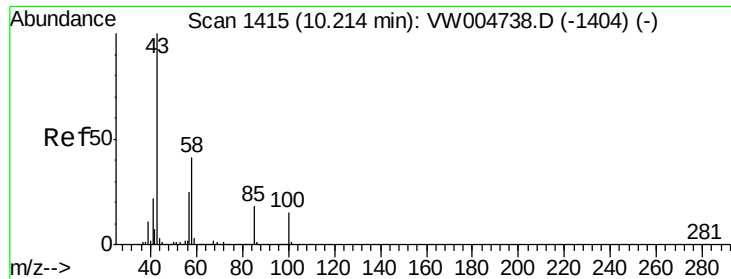
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#50
Toluene-d8
Concen: 50.33 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	98	Resp	1146205
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





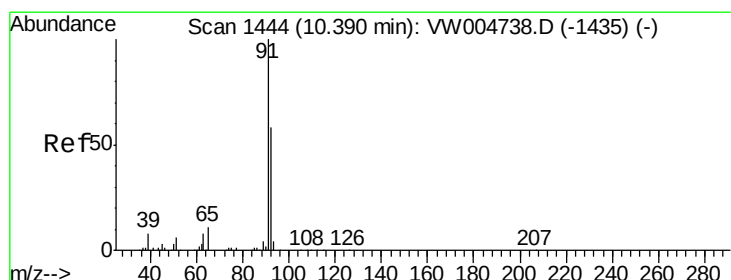
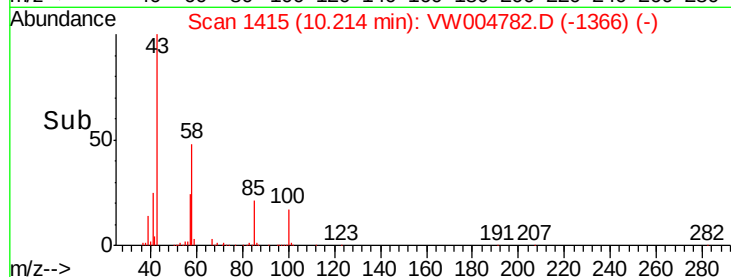
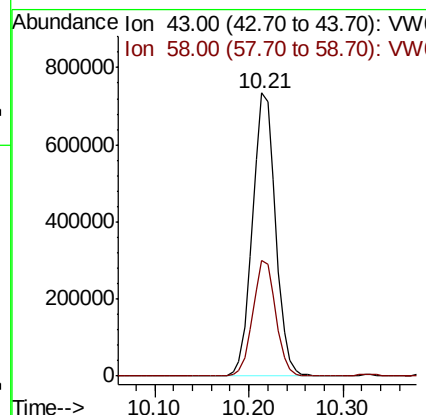
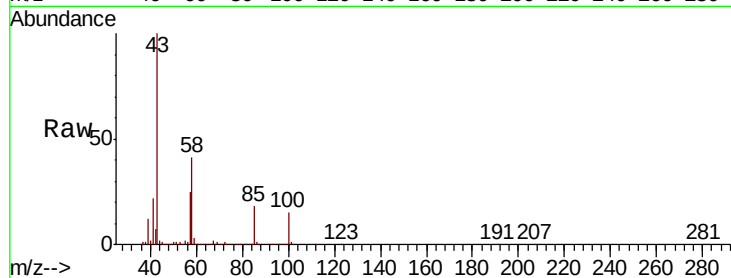
#51
 4-Methyl-2-Pentanone
 Concen: 278.52 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1267503
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.7 49.1

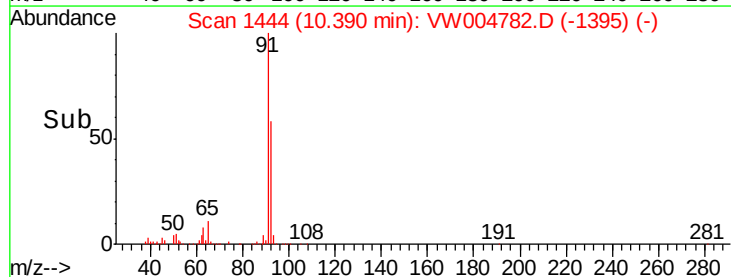
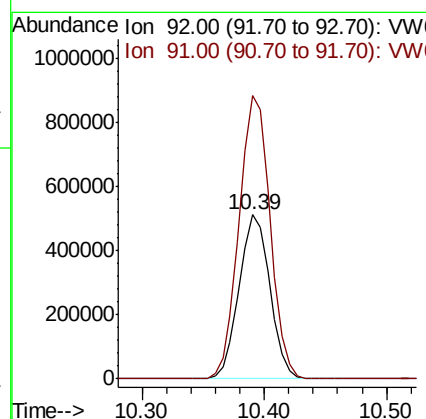
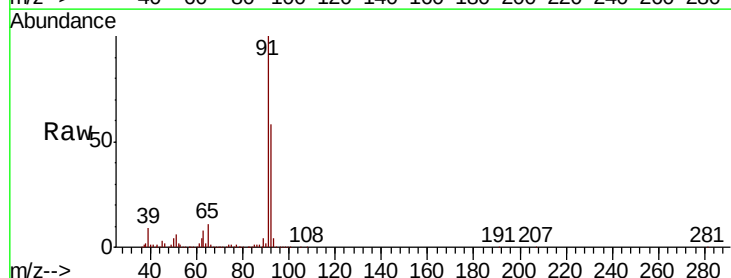
Manual Integrations
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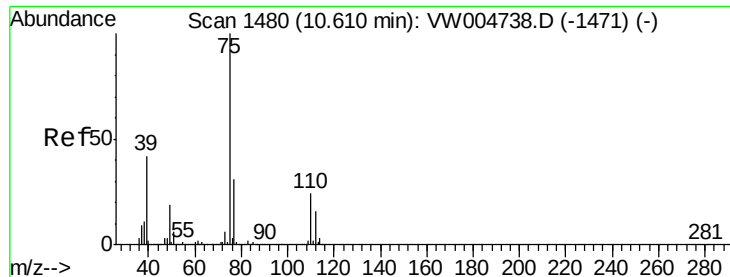
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#52
 Toluene
 Concen: 54.37 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion: 92 Resp: 891148
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 51.02 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 406602

Ion Ratio Lower Upper

75 100

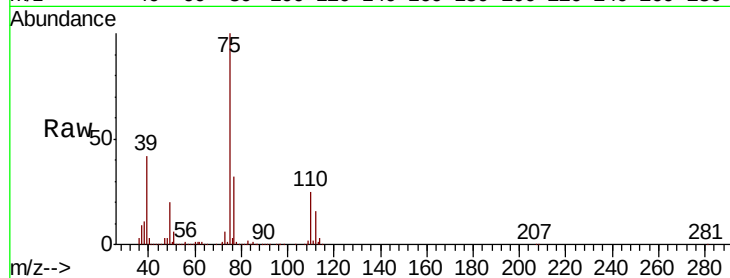
77 31.9 24.8 37.2

Manual Integrations

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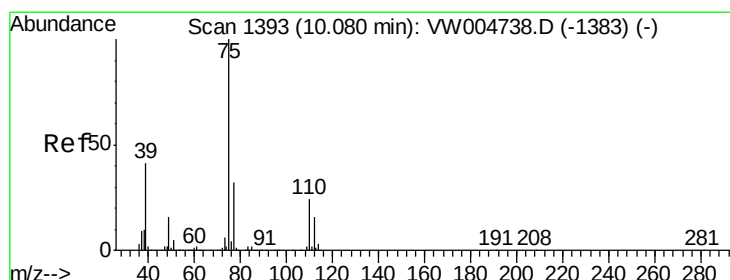
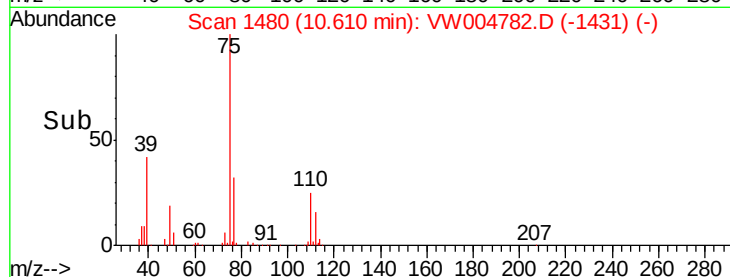
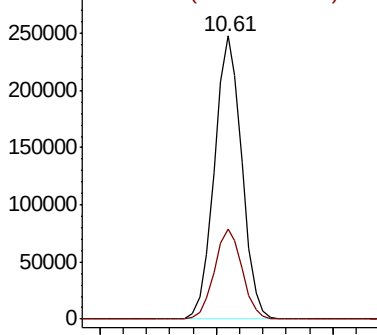
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.88 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

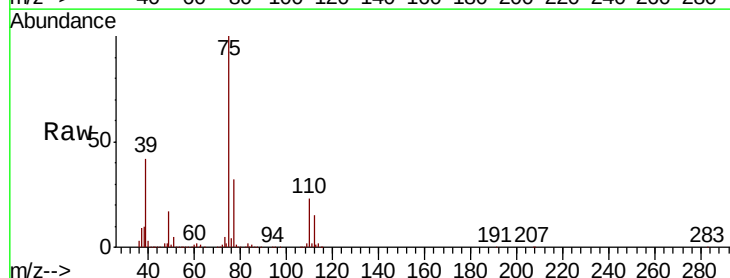
Tgt Ion: 75 Resp: 492911

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

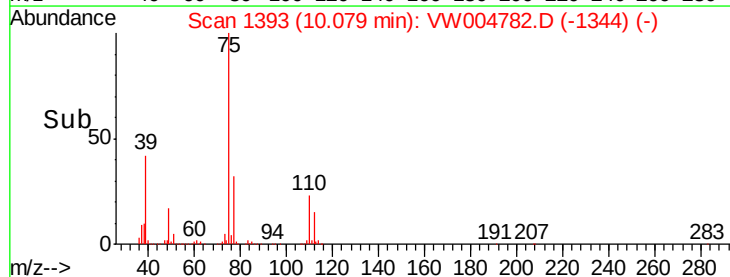
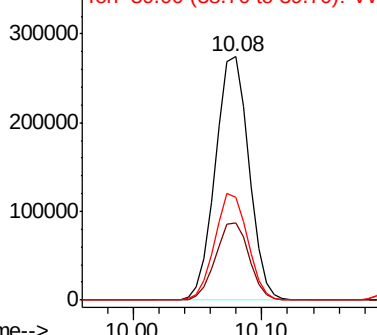
39 42.2 33.0 49.4

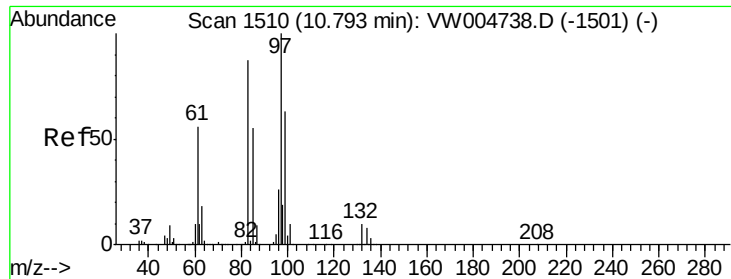


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





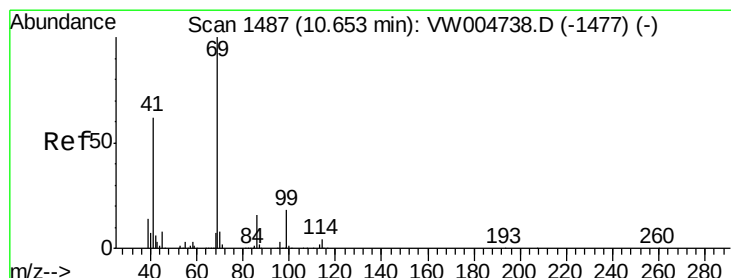
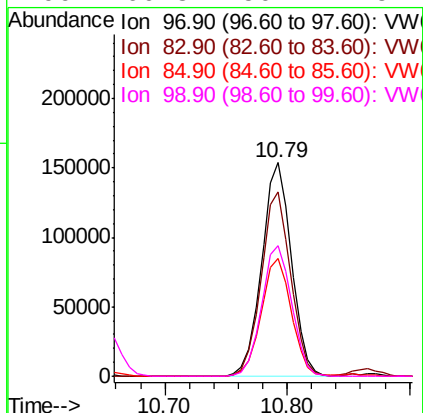
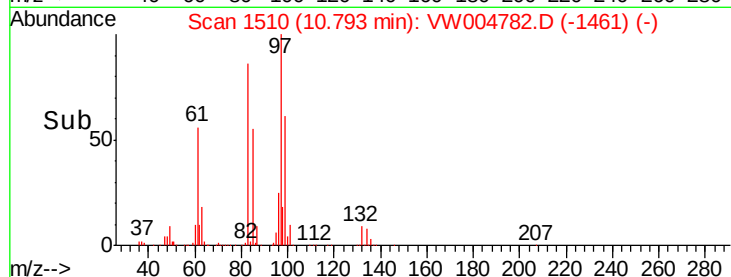
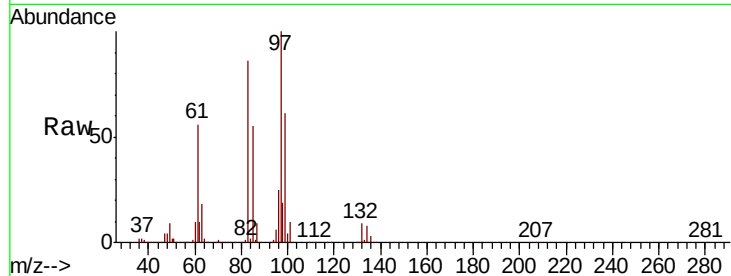
#55
 1,1,2-Trichloroethane
 Concen: 54.97 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		258802		
83	86.3	69.4	104.2		
85	55.0	44.3	66.5		
99	60.8	50.2	75.2		

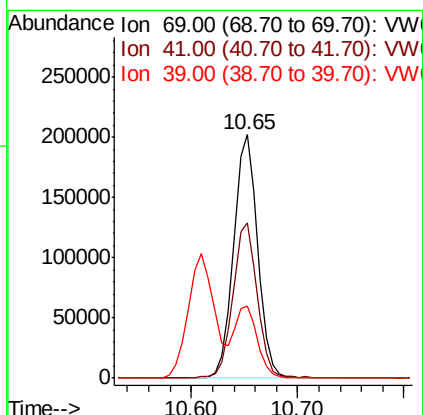
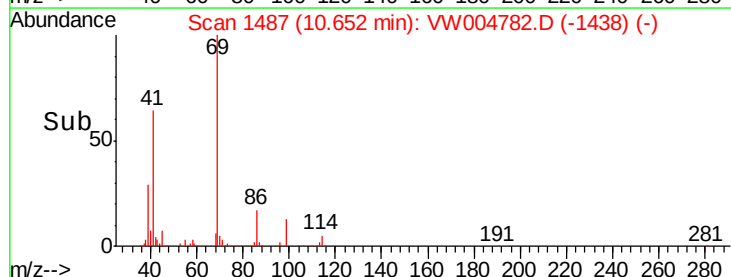
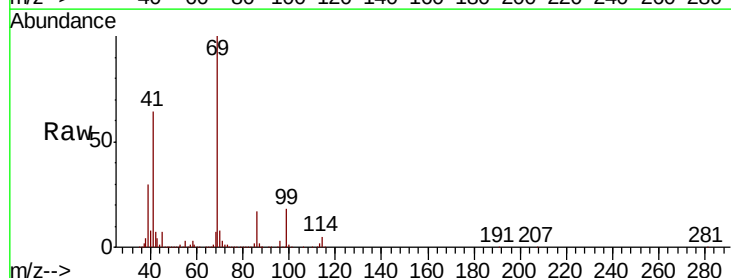
Manual Integrations
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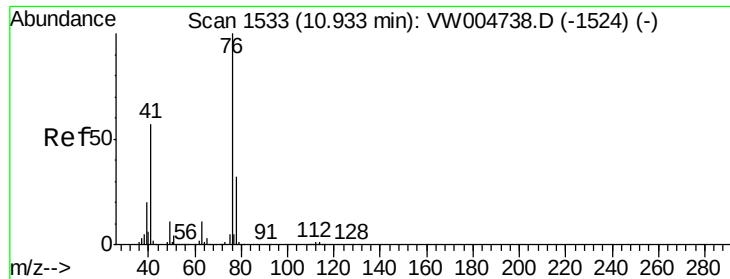
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#56
 Ethyl methacrylate
 Concen: 51.89 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		319848		
41	64.5	50.7	76.1		
39	27.1	21.4	32.2		





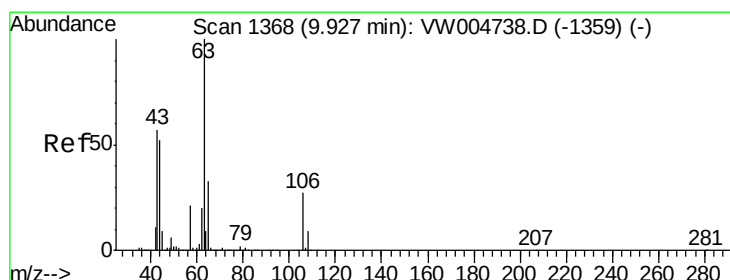
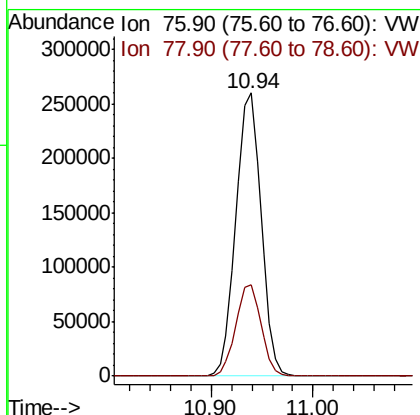
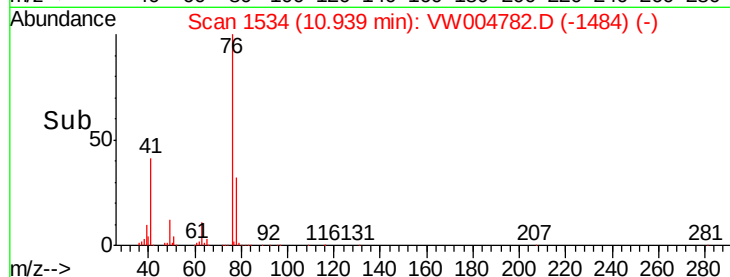
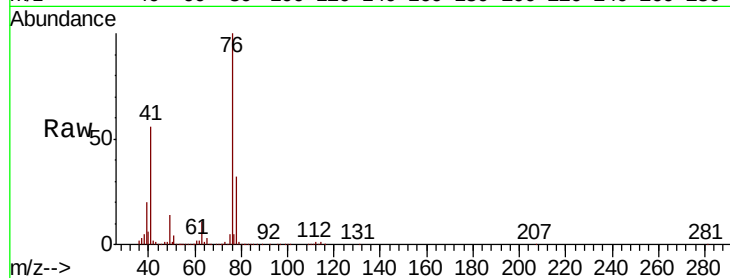
#57
 1,3-Dichloropropane
 Concen: 54.79 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

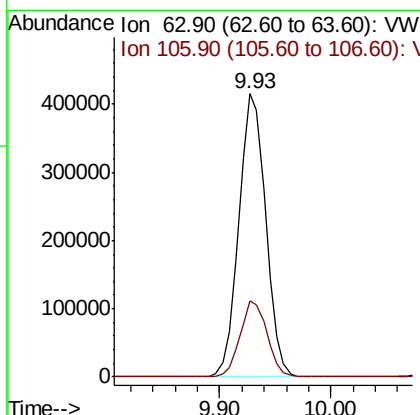
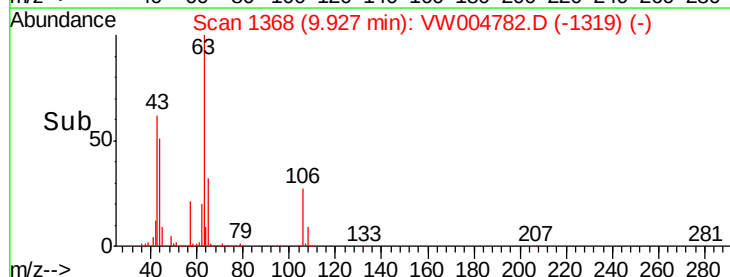
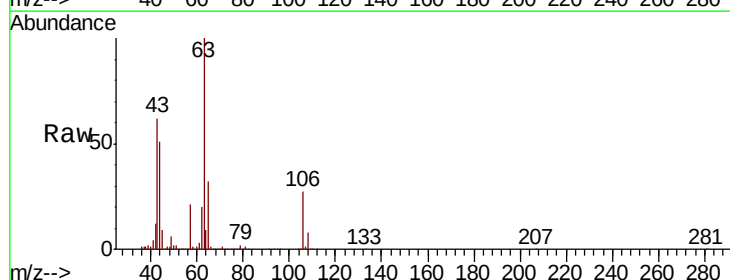
Manual Integrations
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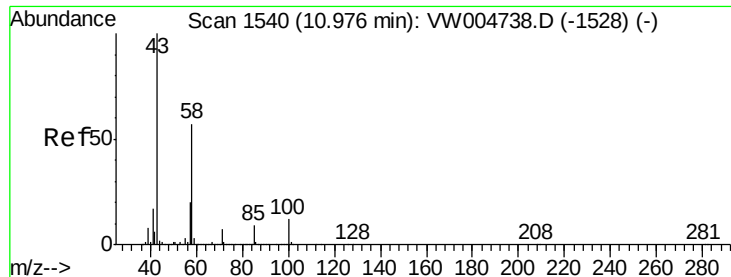
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.45 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.1	33.1





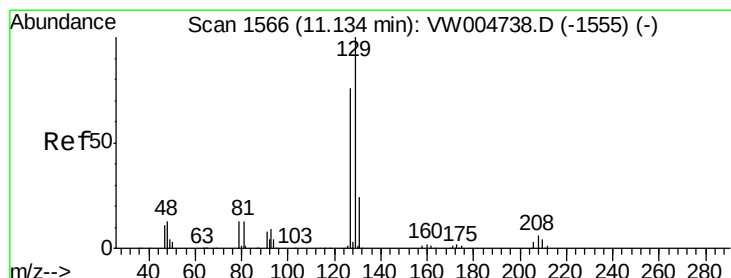
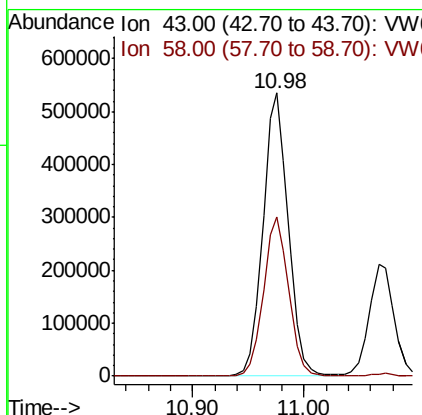
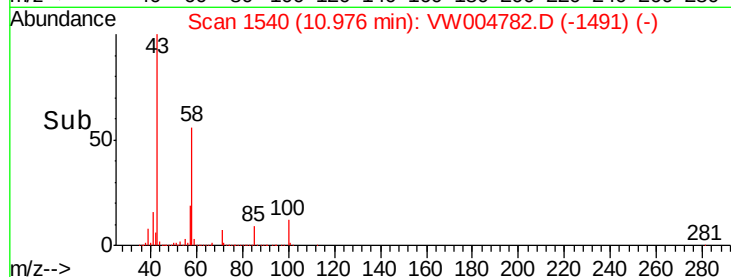
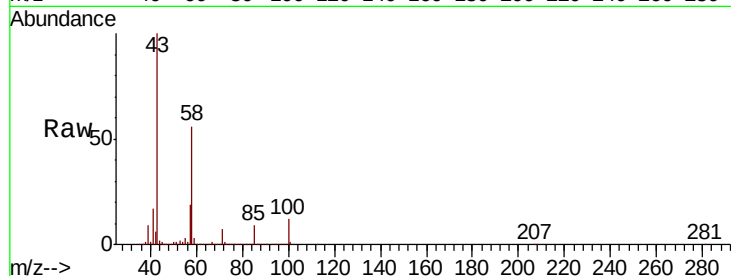
#59
2-Hexanone
Concen: 273.64 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	843740
Ion Ratio	43	100	
Lower	58	56.0	28.1
Upper			84.4

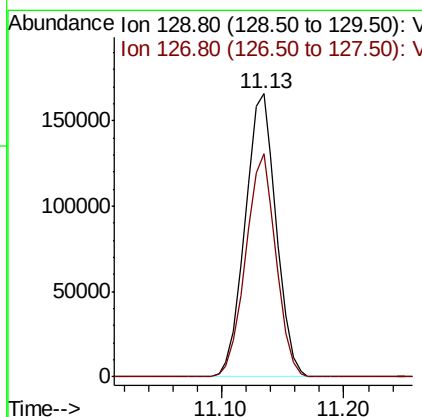
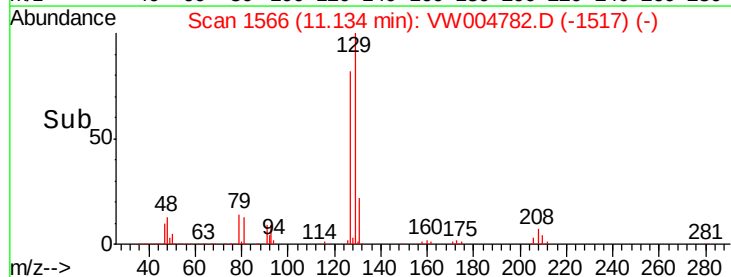
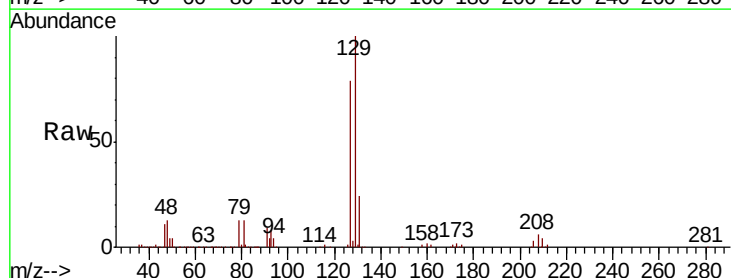
Manual Integrations
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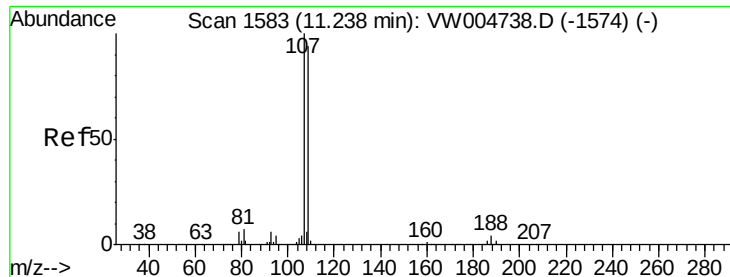
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#60
Dibromochloromethane
Concen: 55.36 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	129	Resp	292377
Ion Ratio	129	100	
Lower	127	76.9	38.5
Upper			115.5





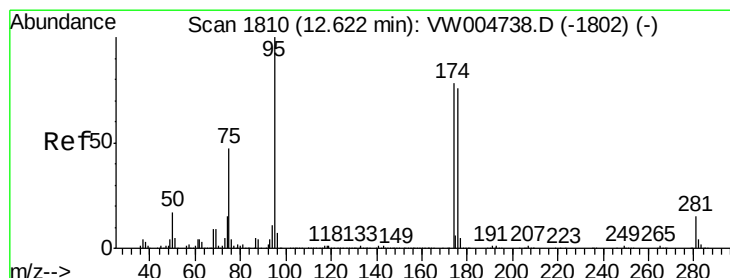
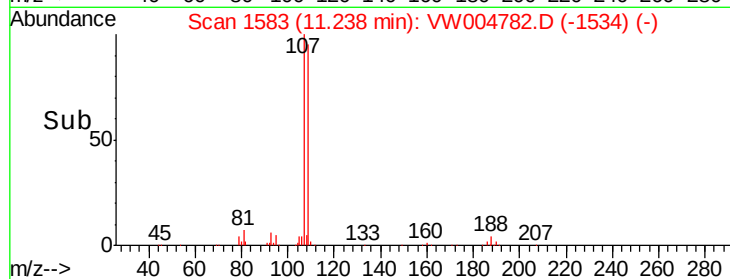
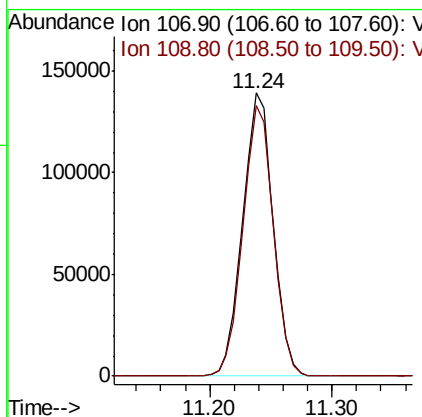
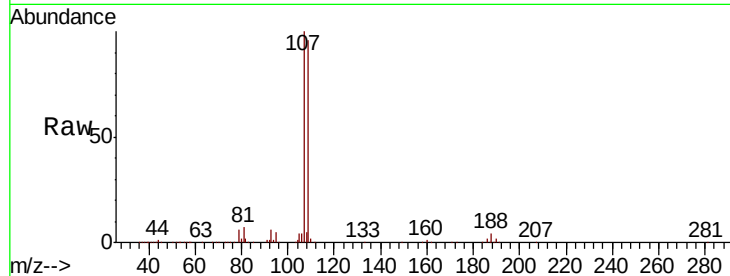
#61
 1,2-Dibromoethane
 Concen: 53.60 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.5	113.3

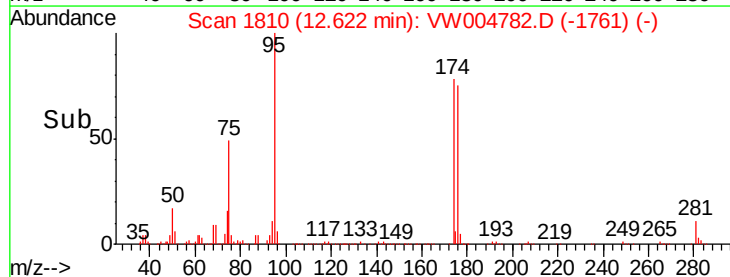
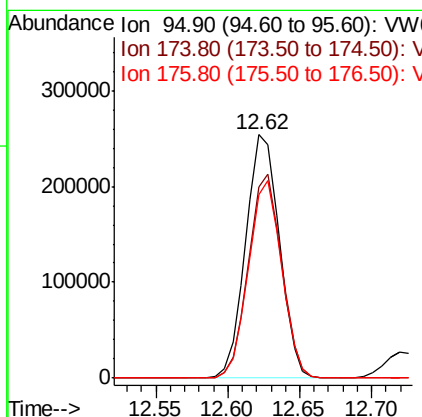
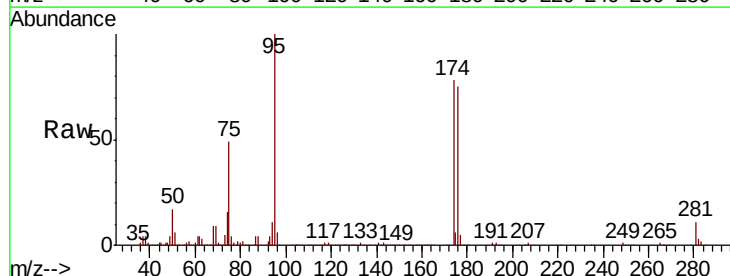
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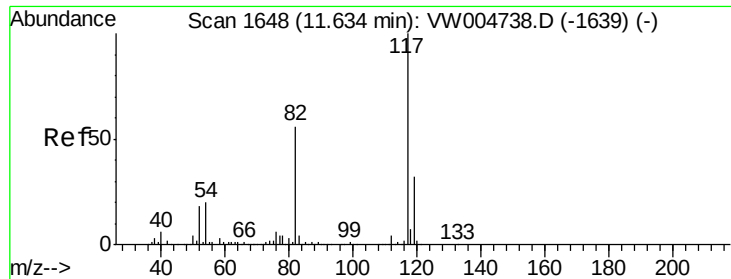
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.26 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	165.8
176	79.6	0.0	159.8





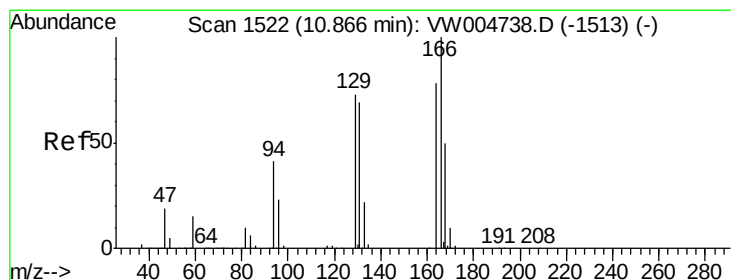
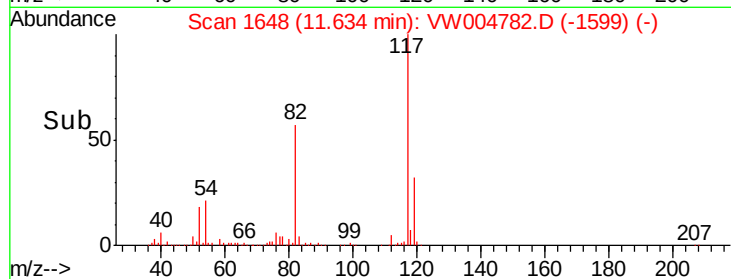
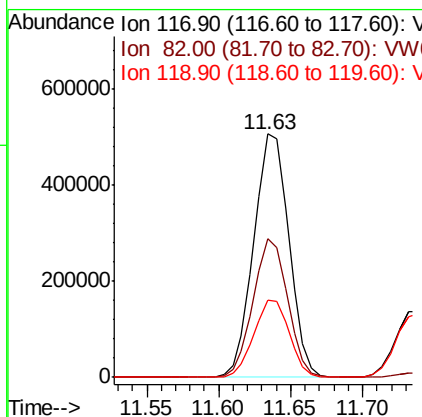
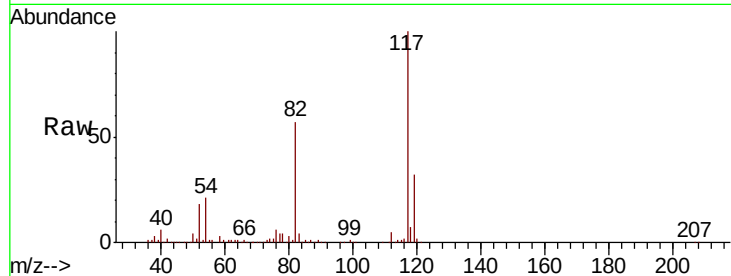
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	856695		
82	57.0		44.6	67.0
119	32.0		25.6	38.4

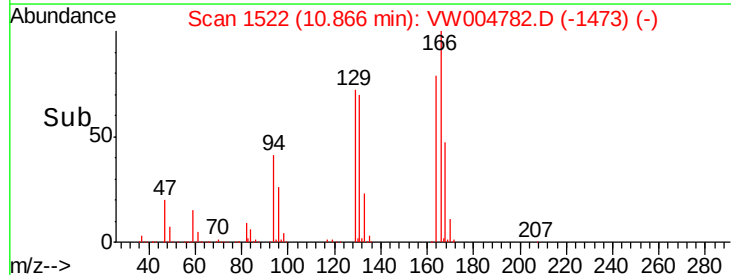
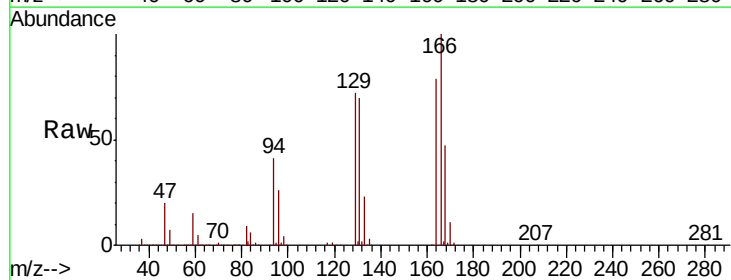
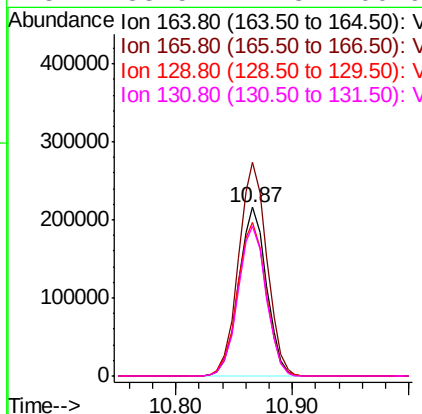
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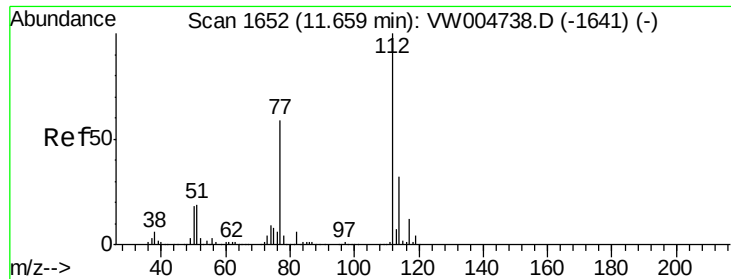
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#64
Tetrachloroethene
Concen: 61.43 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	359684		
166	126.7		102.5	153.7
129	91.2		75.1	112.7
131	88.5		71.3	106.9





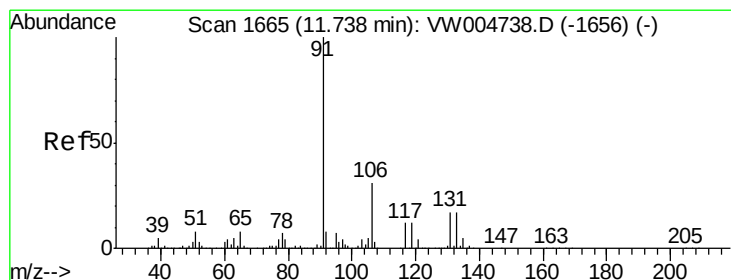
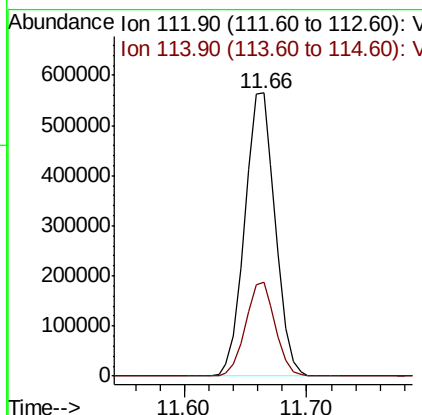
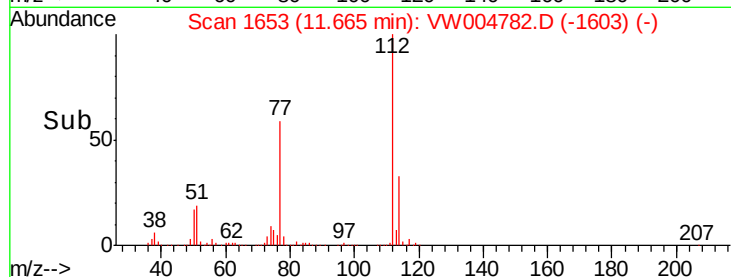
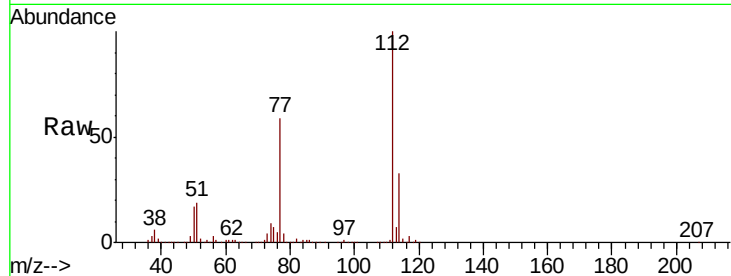
#65
Chlorobenzene
Concen: 52.88 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 974955
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

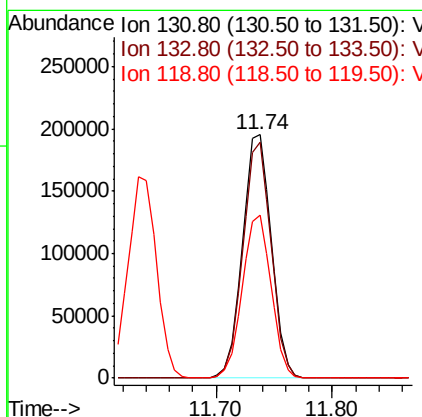
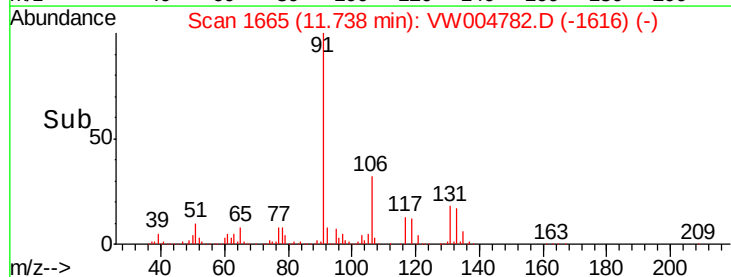
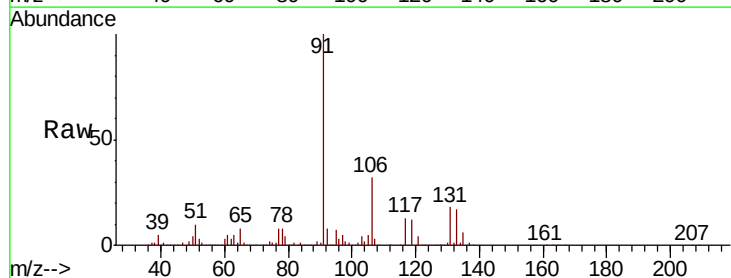
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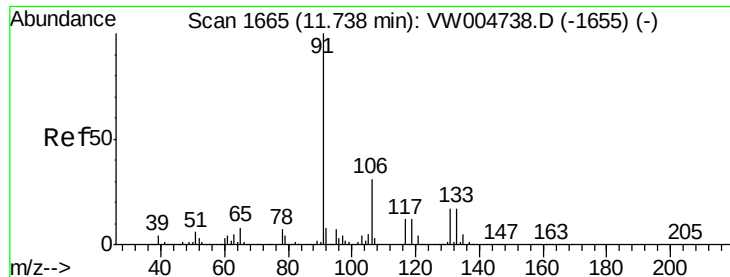
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.37 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion:131 Resp: 338501
Ion Ratio Lower Upper
131 100
133 94.7 48.2 144.6
119 66.9 34.0 102.0





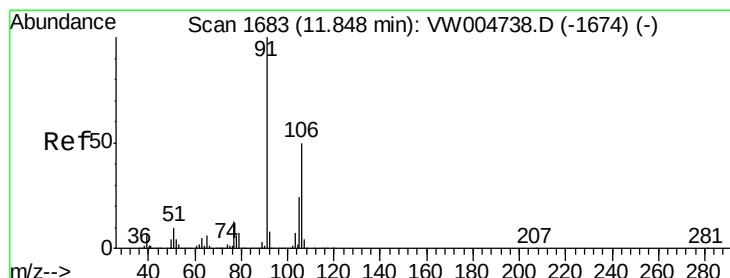
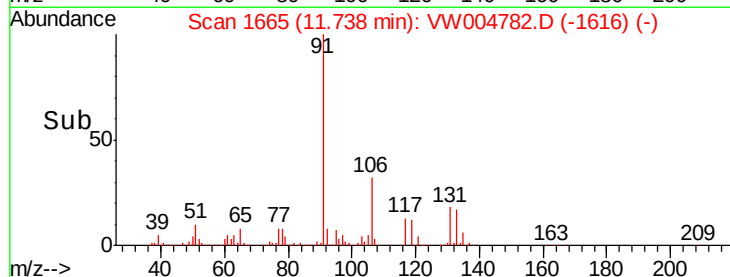
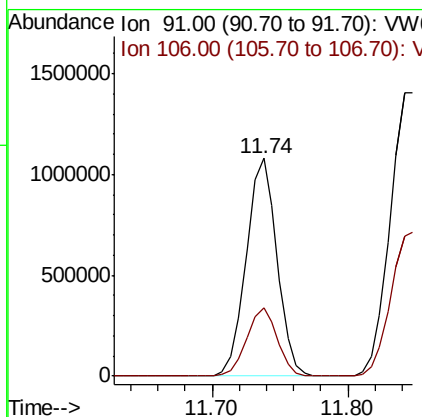
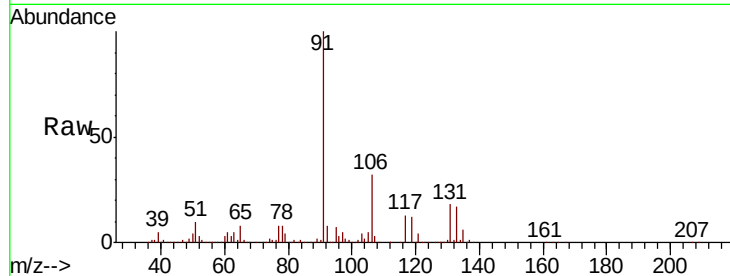
#67
Ethyl Benzene
Concen: 54.82 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1713678
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

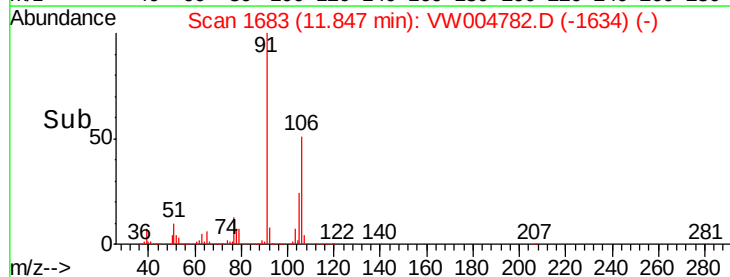
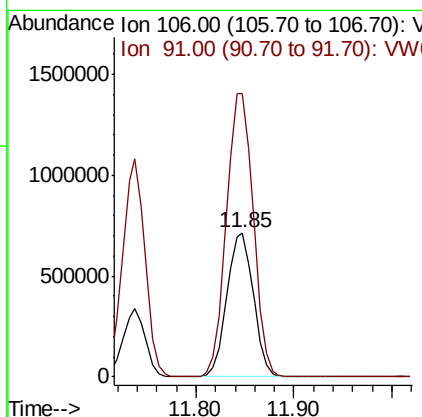
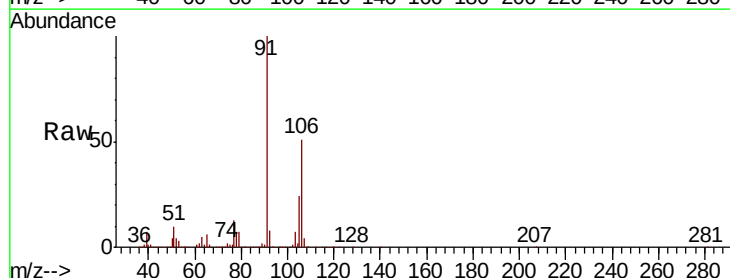
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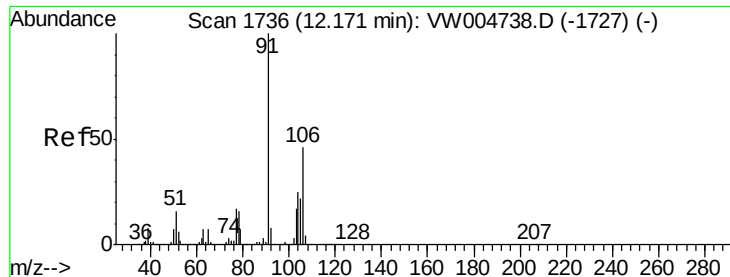
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#68
m/p-Xylenes
Concen: 110.12 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion:106 Resp: 1339238
Ion Ratio Lower Upper
106 100
91 199.9 159.9 239.9





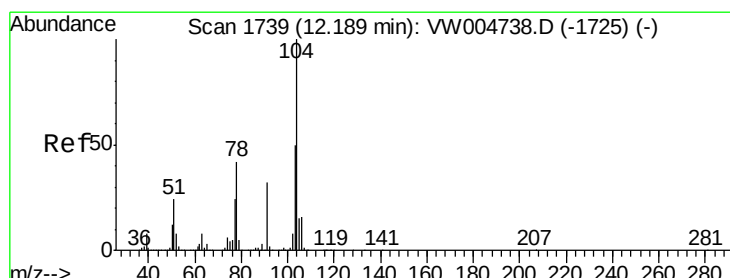
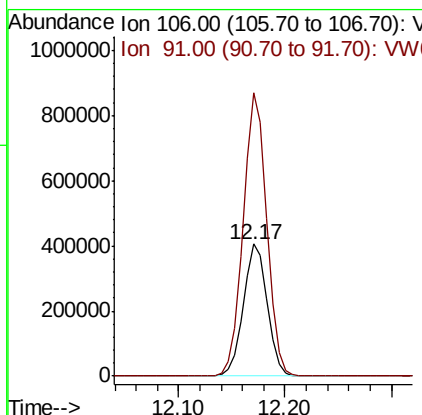
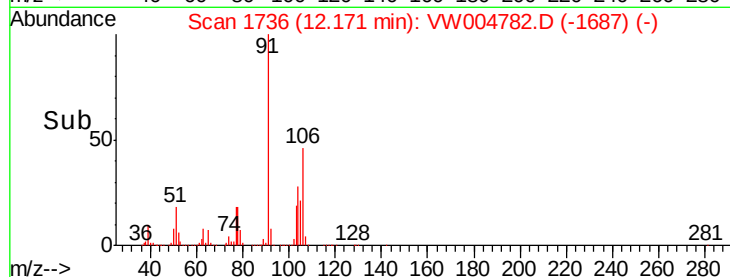
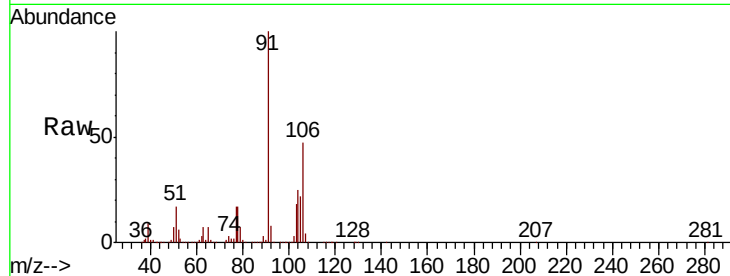
#69
o-Xylene
Concen: 56.50 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 636057
Ion Ratio Lower Upper
106 100
91 212.3 107.3 321.8

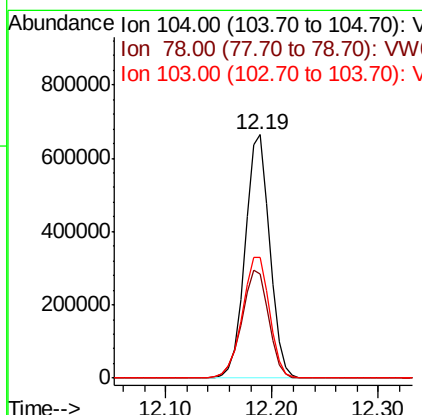
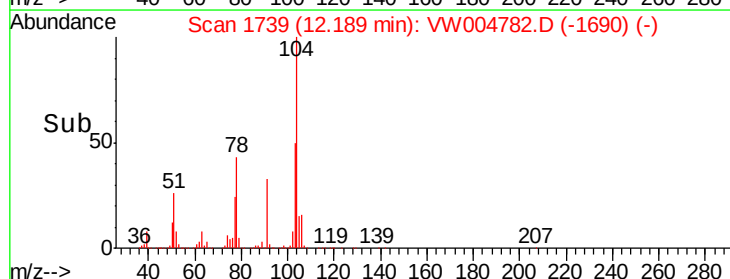
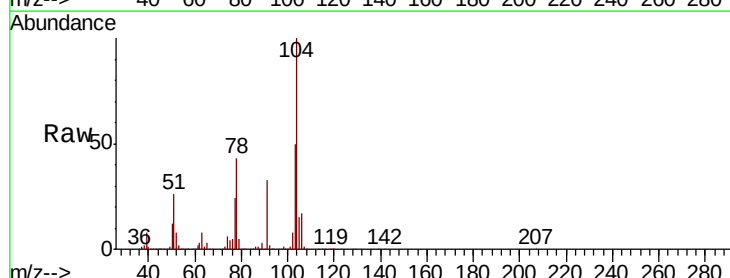
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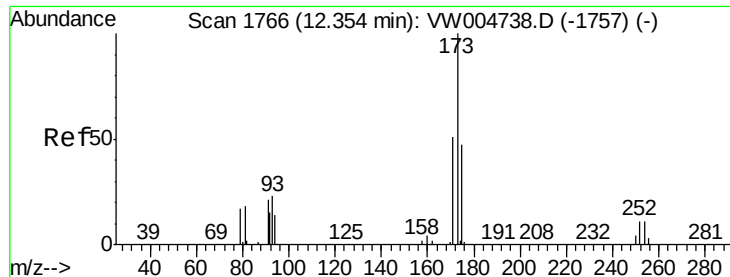
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#70
Styrene
Concen: 57.01 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion:104 Resp: 1078184
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 53.74 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

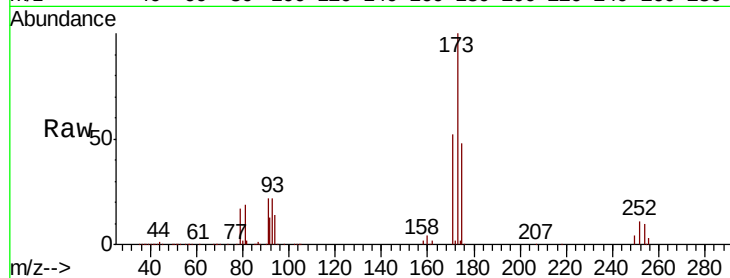
ClientSampleId :

VSTDCCC050EC

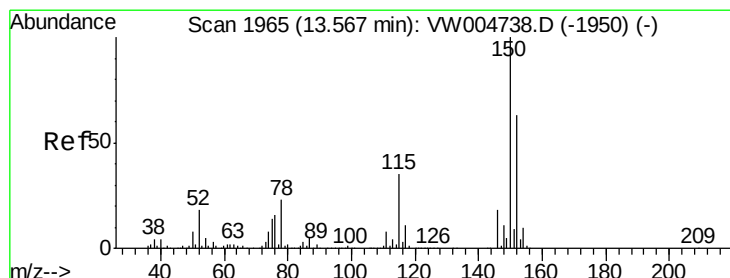
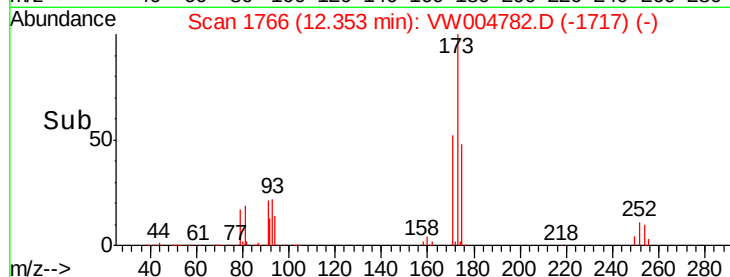
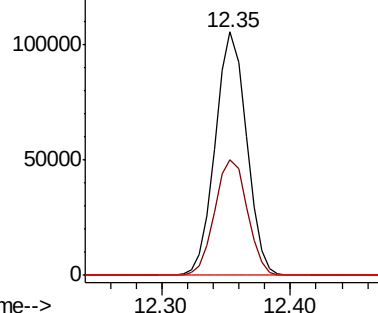
Tot Ion:	173	Resp:	176585
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.8	71.4
254	0.2	0.1	0.1#

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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

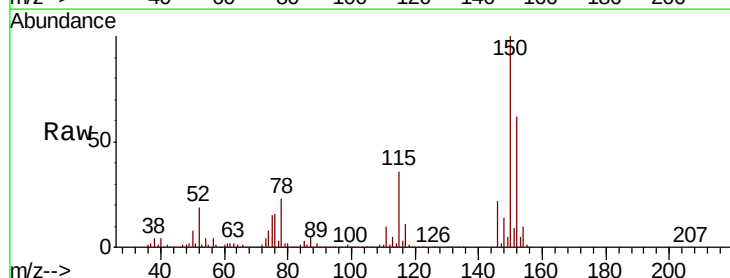
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

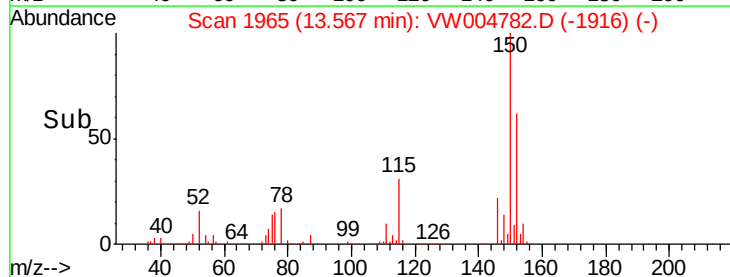
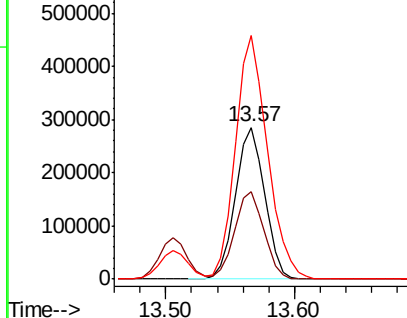
Lab File: VW004782.D

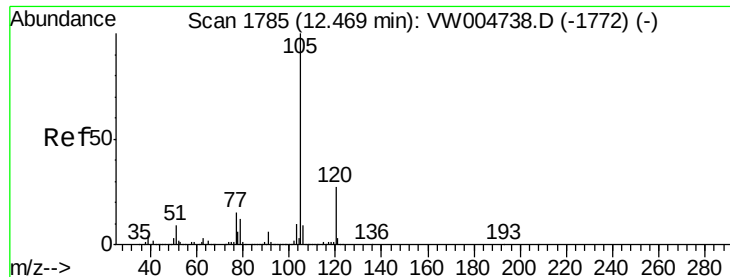
Acq: 18 Aug 2018 14:39

Tgt Ion:	152	Resp:	449251
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.5	85.5
150	175.4	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: 56.17 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1716642

Ion Ratio Lower Upper

105 100

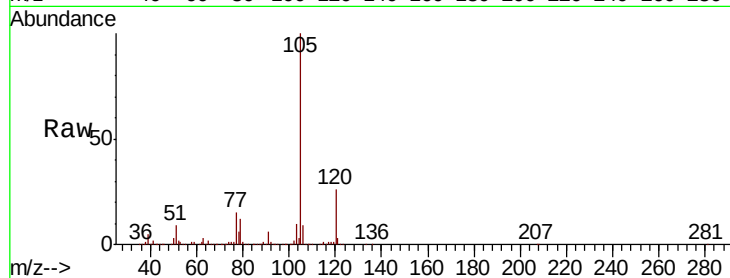
120 26.2 13.3 39.9

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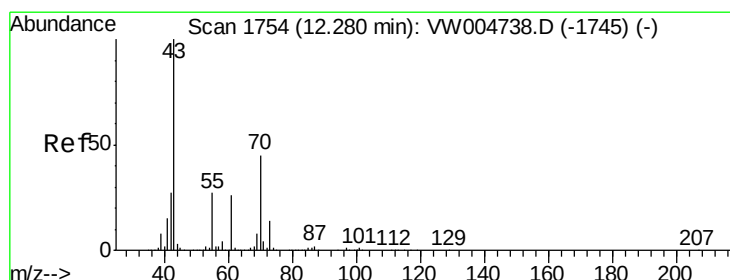
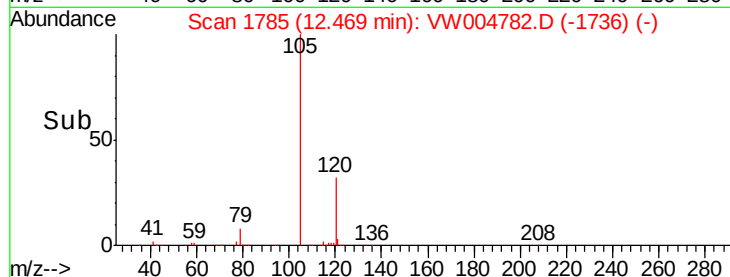
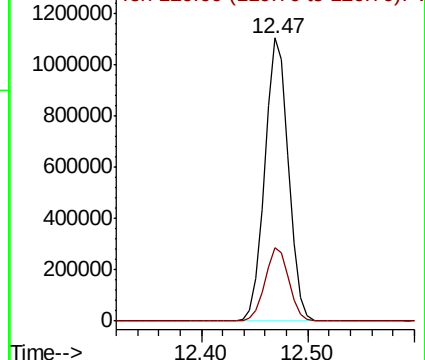
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.93 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion: 43 Resp: 357357

Ion Ratio Lower Upper

43 100

70 44.5 36.3 54.5

55 29.3 22.6 33.8

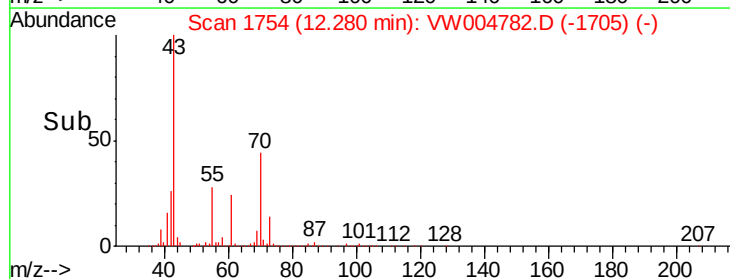
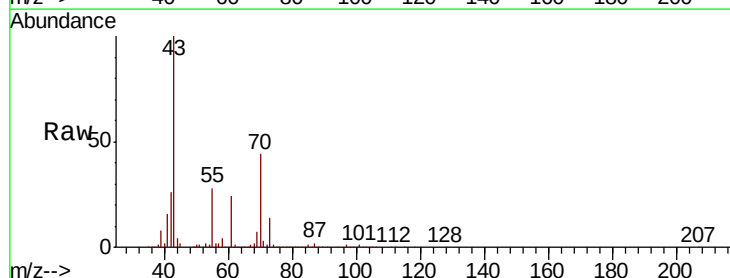
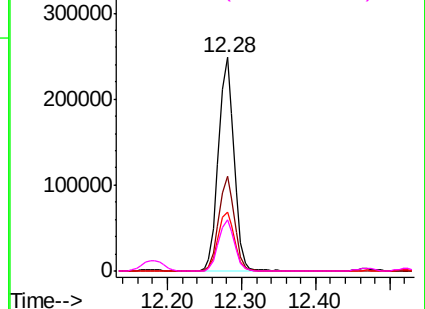
61 24.5 20.2 30.4

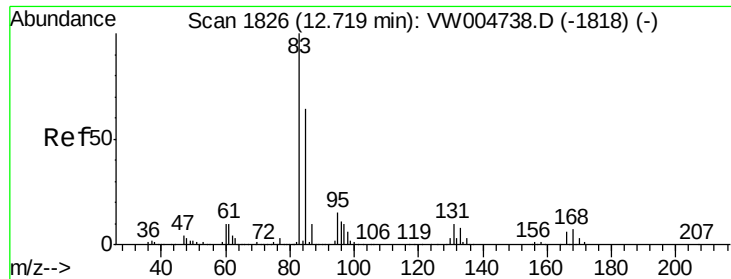
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 53.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

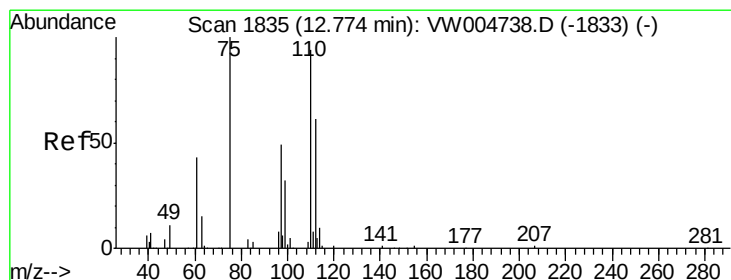
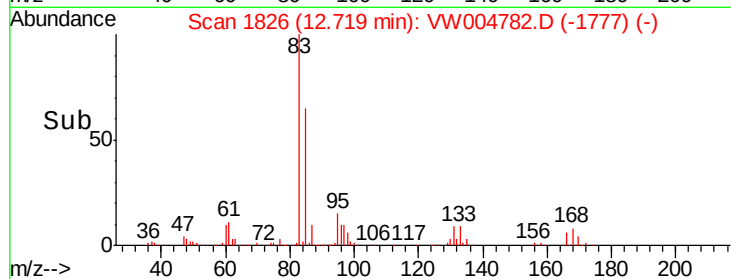
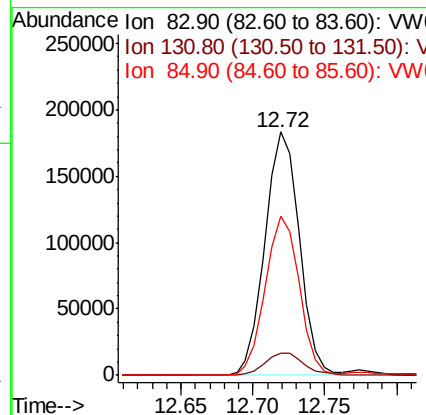
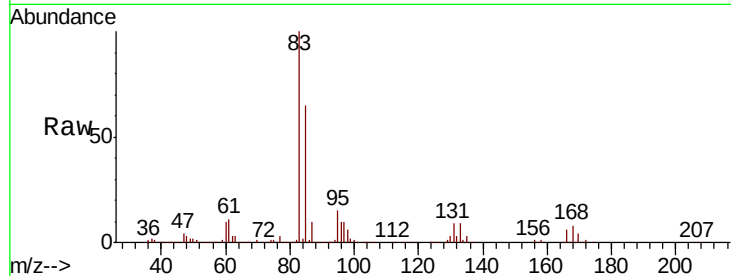
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	303137
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 51.60 ug/l m

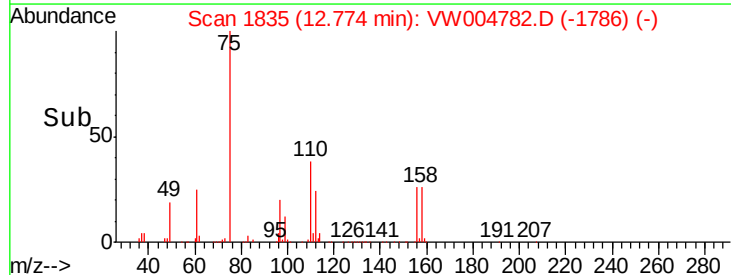
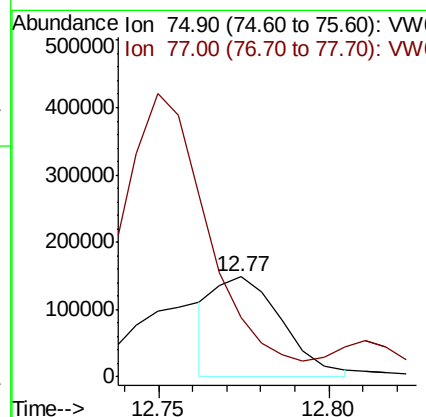
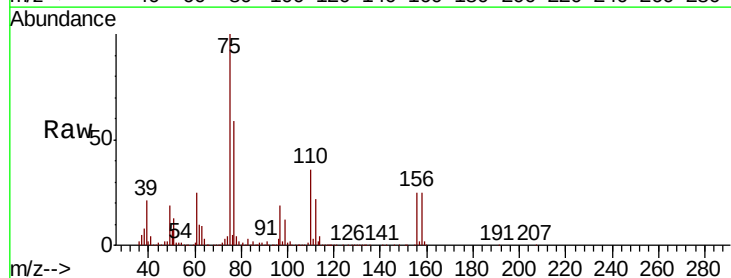
RT: 12.77 min Scan# 1835

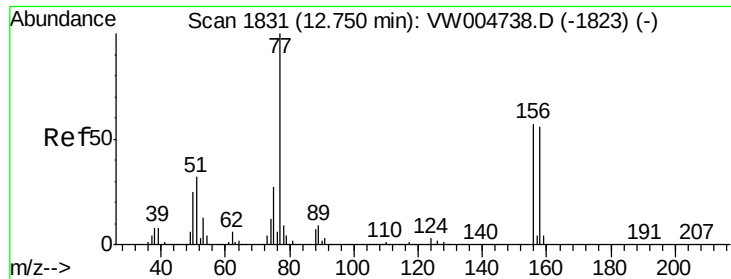
Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	75	Resp:	204352
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.36 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

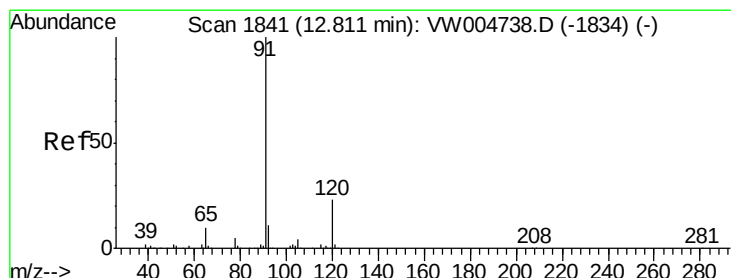
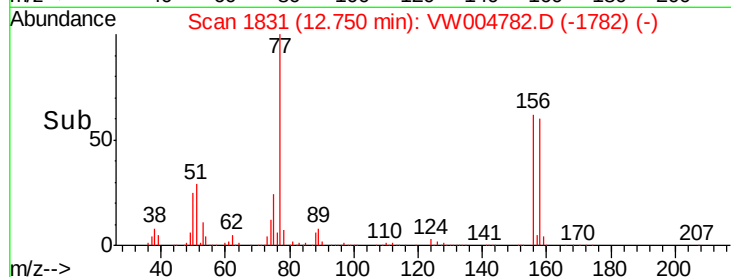
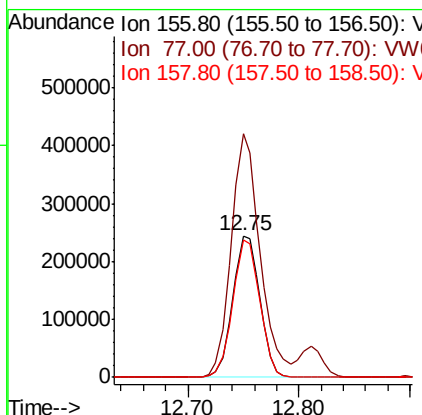
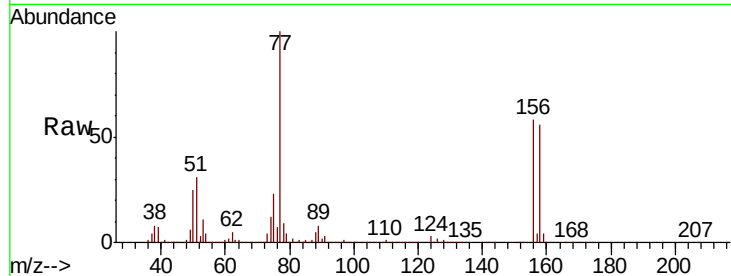
ClientSampled :

VSTDCCC050EC

Tot Ion:	156	Resp:	409557
Ion Ratio	Lower	Upper	
156	100		
77	184.4	94.2	282.4
158	96.8	48.6	145.9

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#78

n-propylbenzene

Concen: 55.70 ug/l

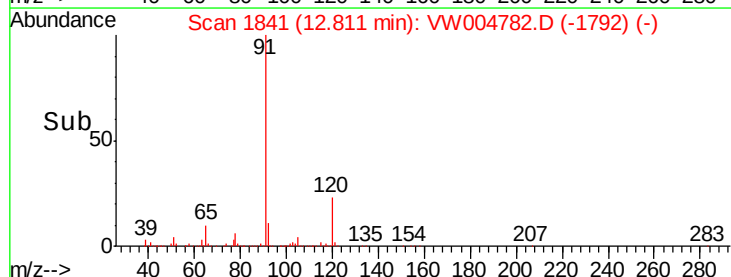
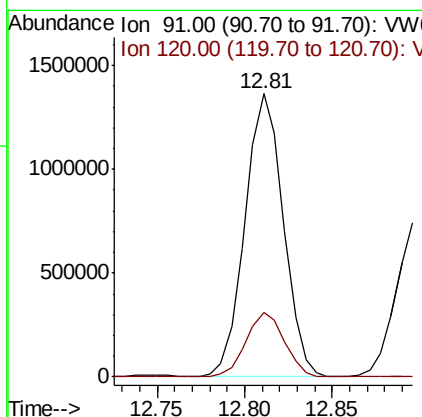
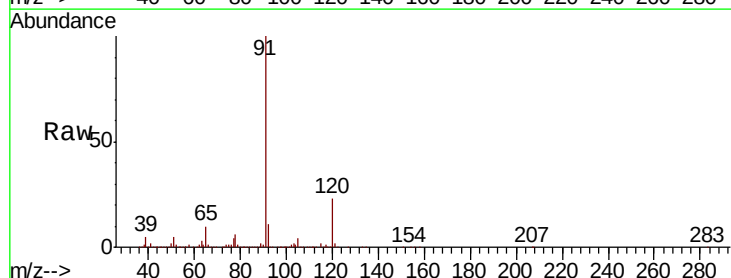
RT: 12.81 min Scan# 1841

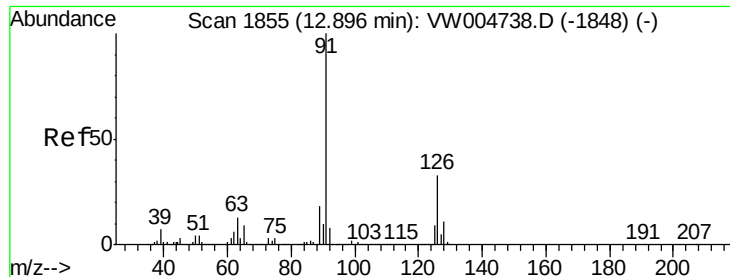
Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	91	Resp:	2077478
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.2





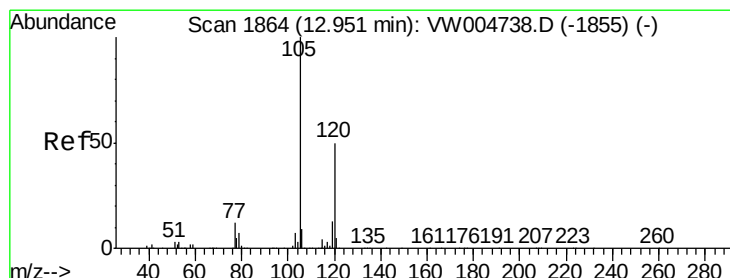
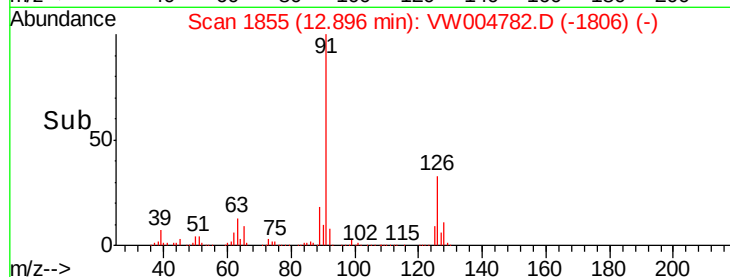
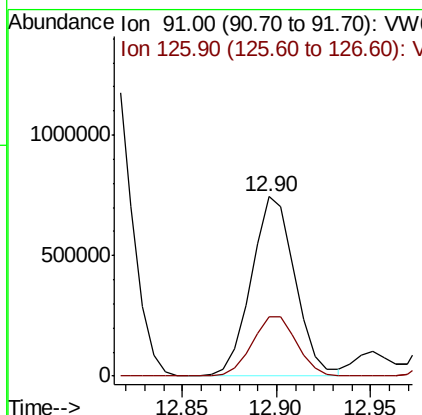
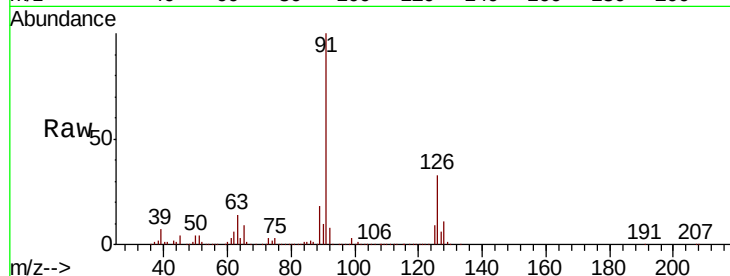
#79
 2-Chlorotoluene
 Concen: 55.85 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1200550
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 51.0

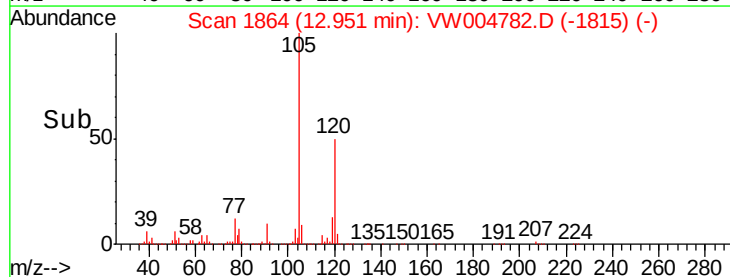
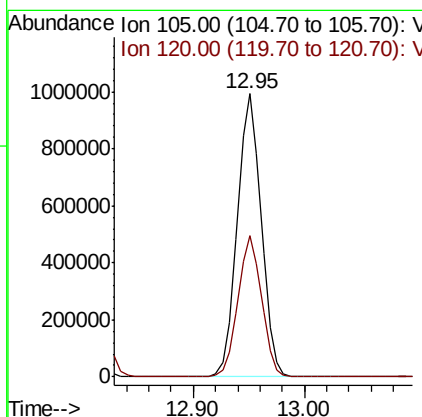
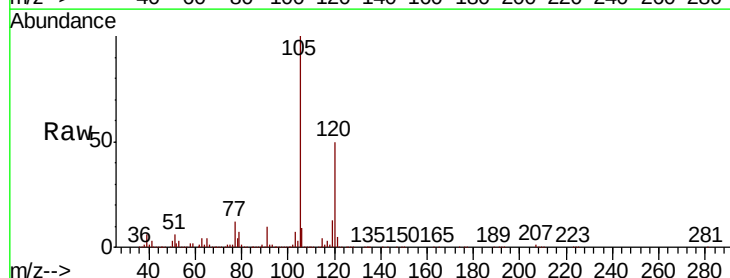
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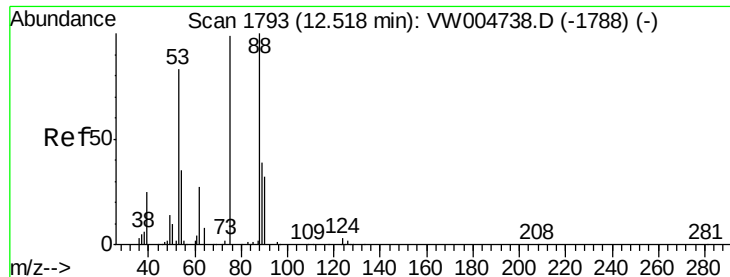
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#80
 1,3,5-Trimethylbenzene
 Concen: 56.75 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion: 105 Resp: 1473576
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1





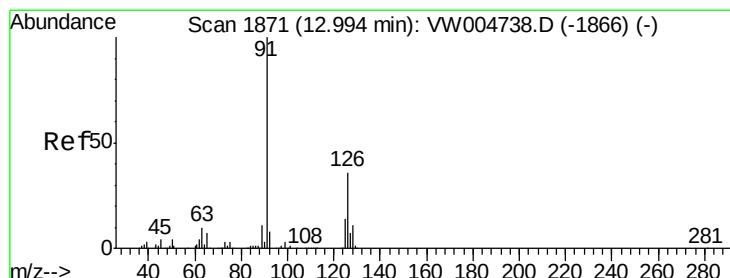
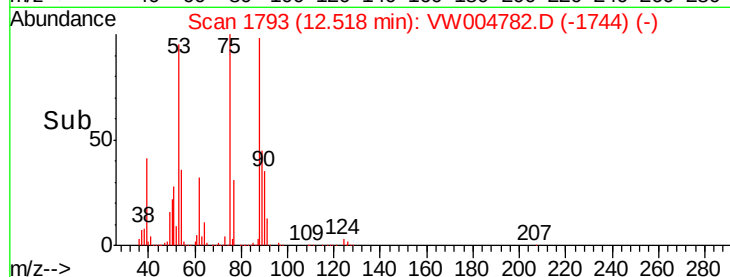
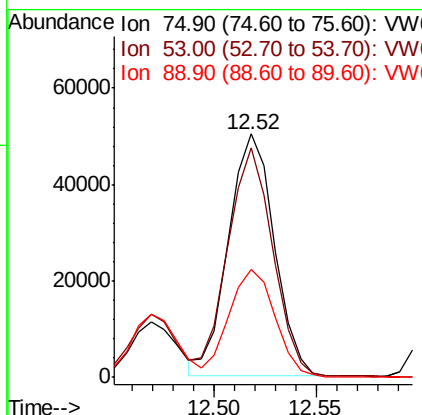
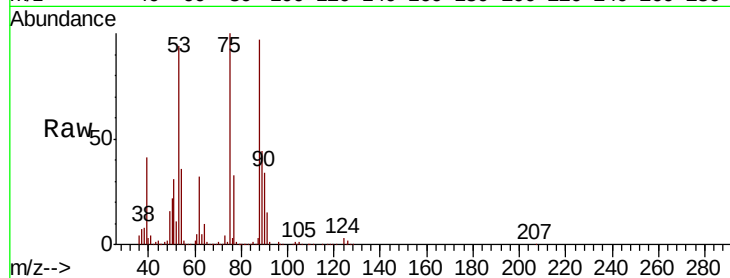
#81
trans-1,4-Dichloro-2-butene
Concen: 46.07 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.2	72.2	108.4
89	44.6	35.2	52.8

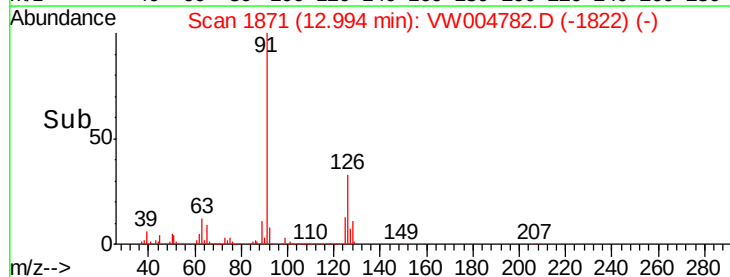
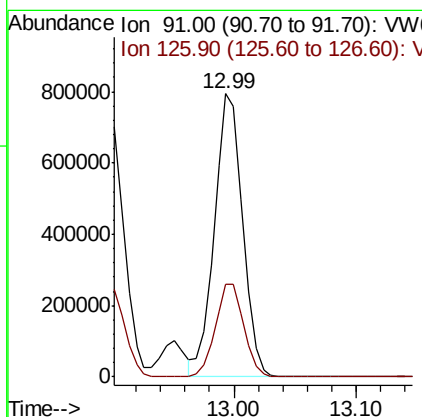
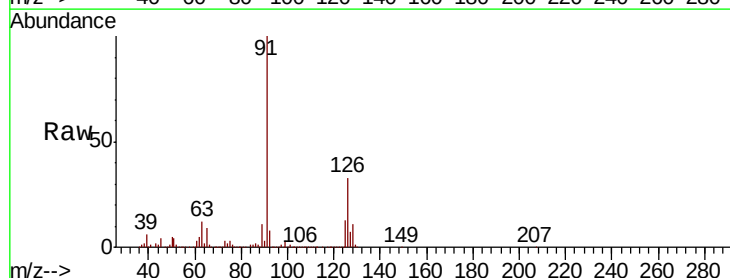
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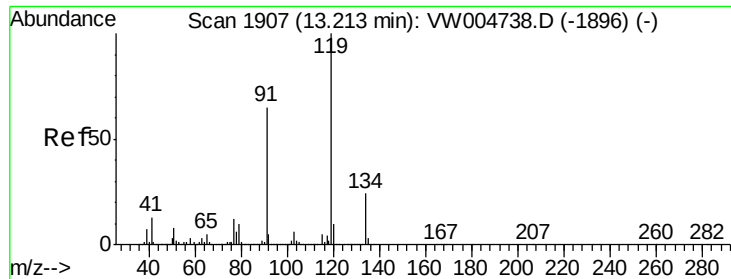
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#82
4-Chlorotoluene
Concen: 55.65 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.9	50.7





#83

tert-Butylbenzene

Concen: 56.06 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1244990

Ion Ratio Lower Upper

119 100

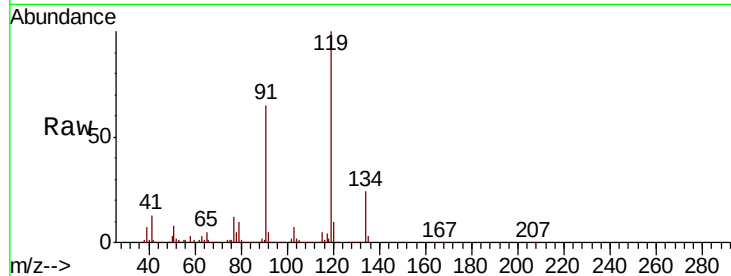
91 65.4 32.6 97.8

134 25.8 13.1 39.3

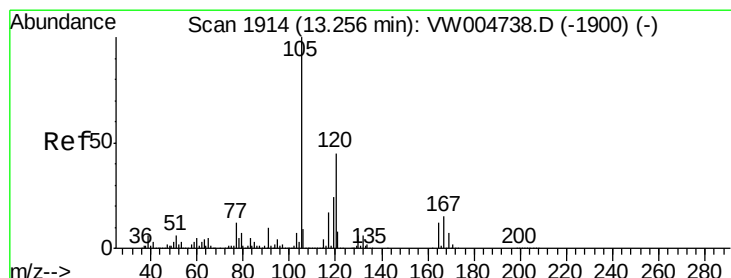
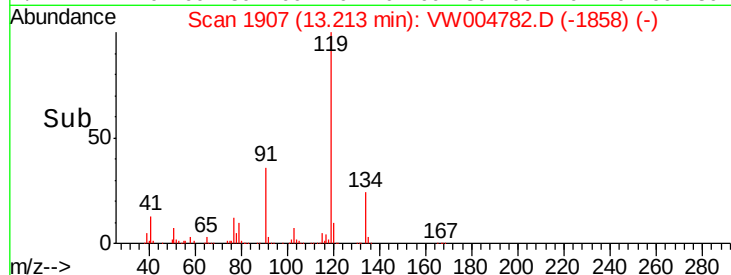
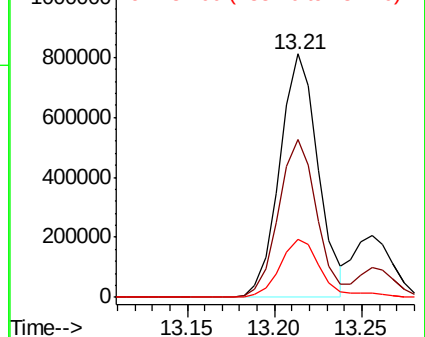
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.03 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW004782.D

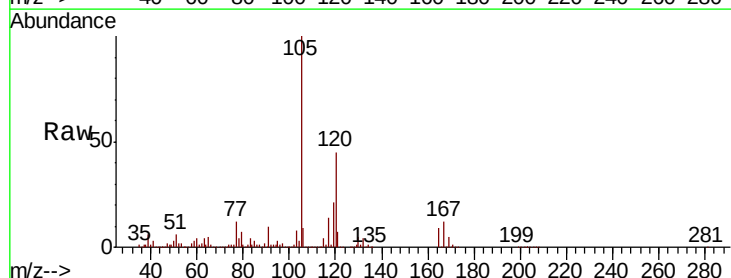
Acq: 18 Aug 2018 14:39

Tgt Ion:105 Resp: 1523378

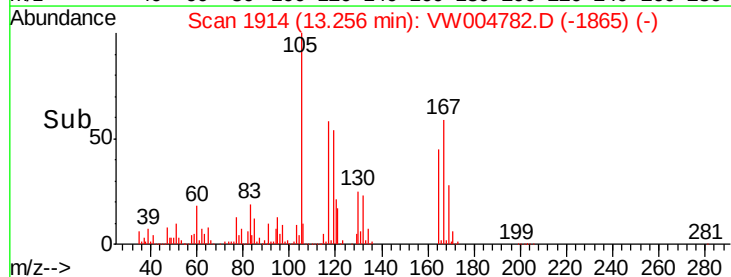
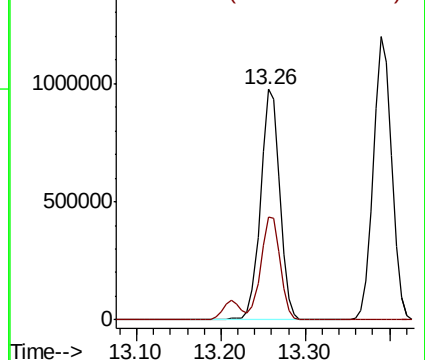
Ion Ratio Lower Upper

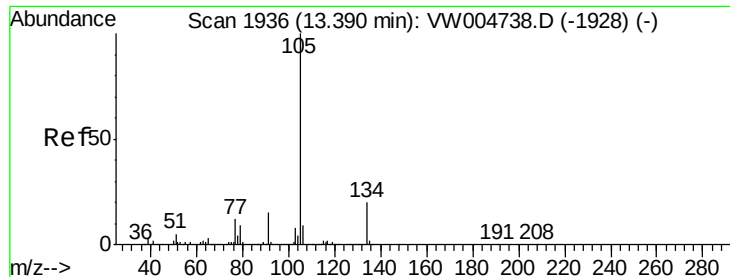
105 100

120 45.0 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.85 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1818789

Ion Ratio Lower Upper

105 100

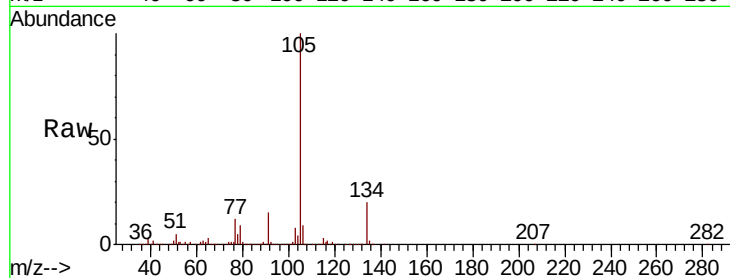
134 19.8 10.0 29.8

Manual Integrations

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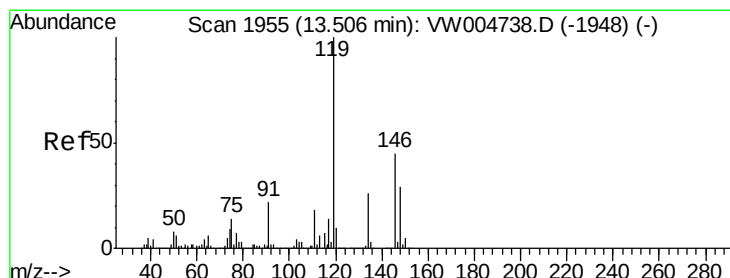
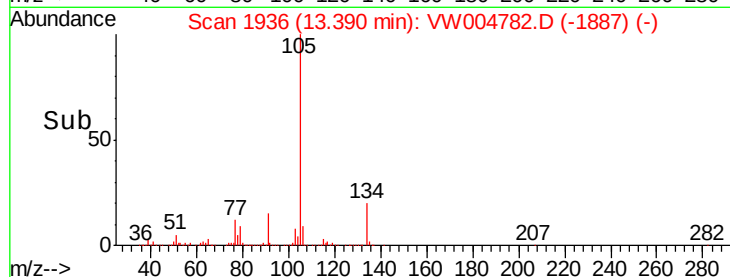
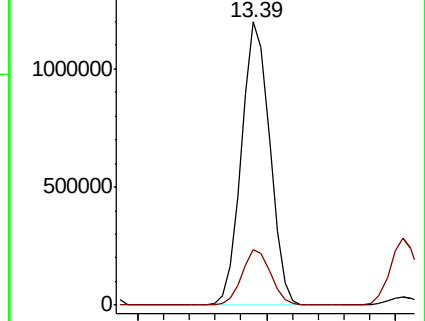
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.75 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

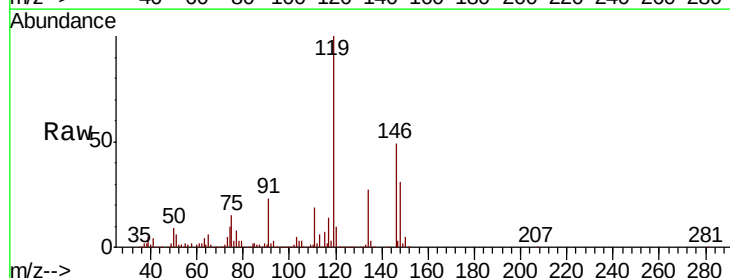
Tgt Ion:119 Resp: 1579531

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

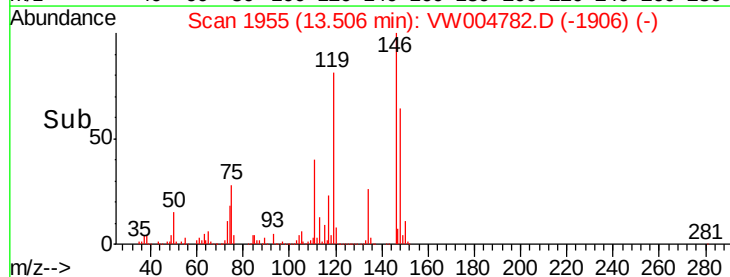
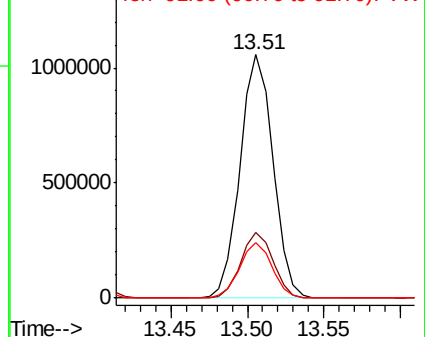
91 22.6 11.2 33.5

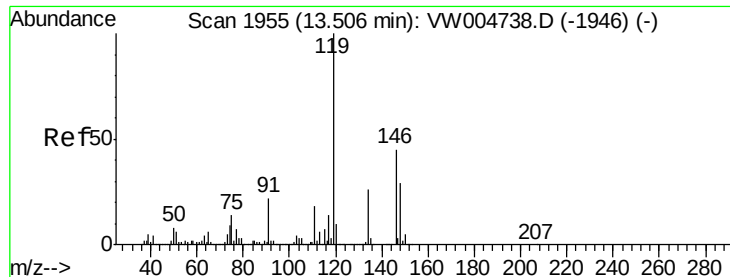


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.40 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Instrument :

MSVOA_W

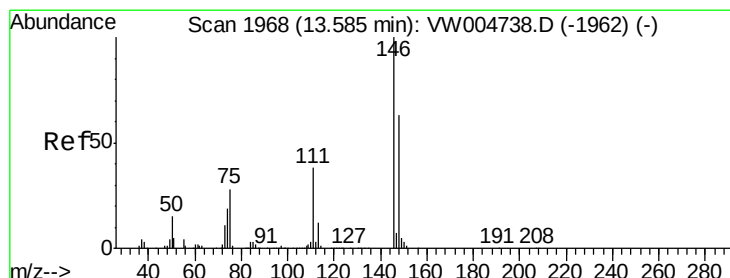
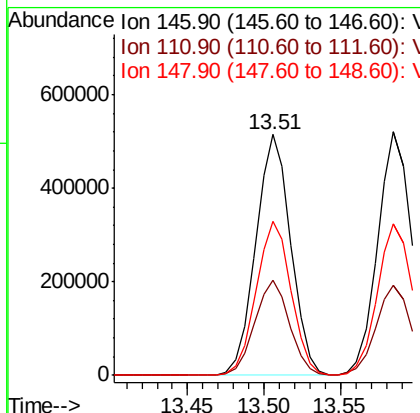
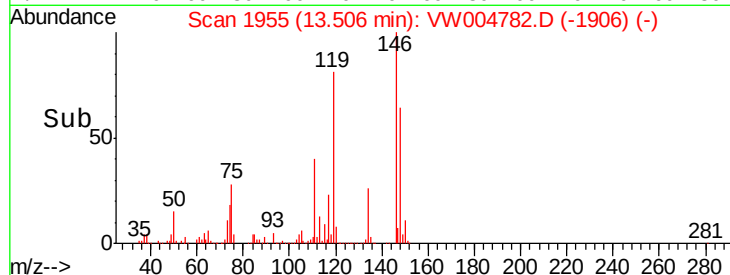
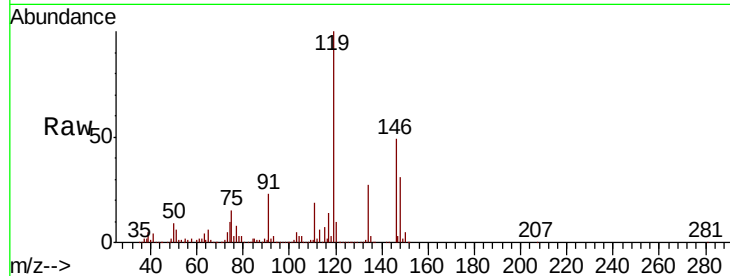
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	818653
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.8	59.4
148	63.9	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.55 ug/l

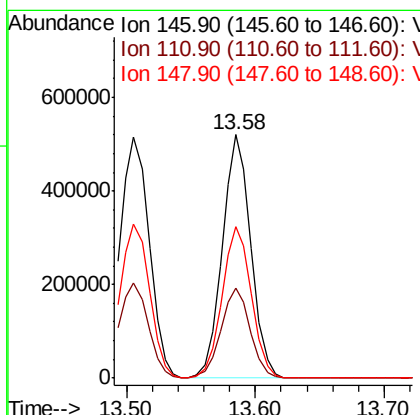
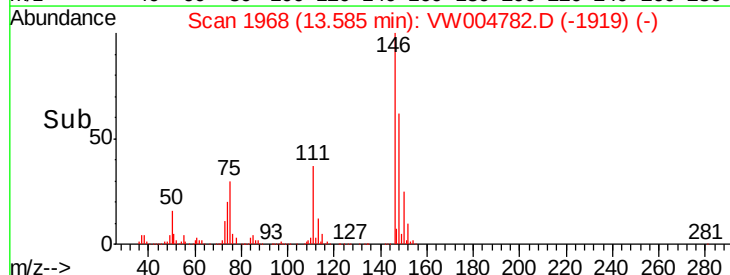
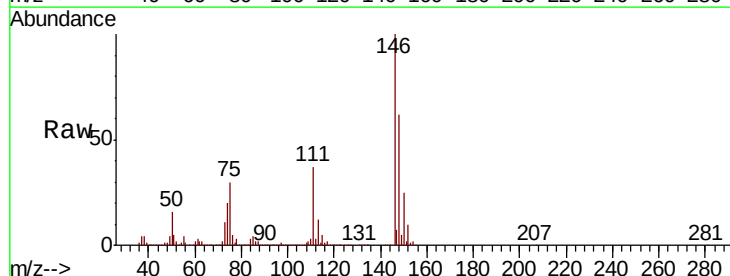
RT: 13.58 min Scan# 1968

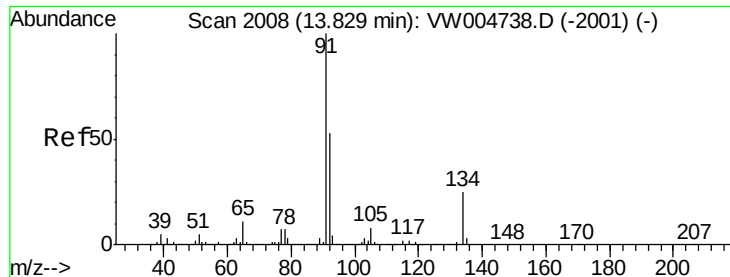
Delta R.T. -0.00 min

Lab File: VW004782.D

Acq: 18 Aug 2018 14:39

Tgt Ion:	146	Resp:	805433
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.3	57.8
148	63.8	31.8	95.3





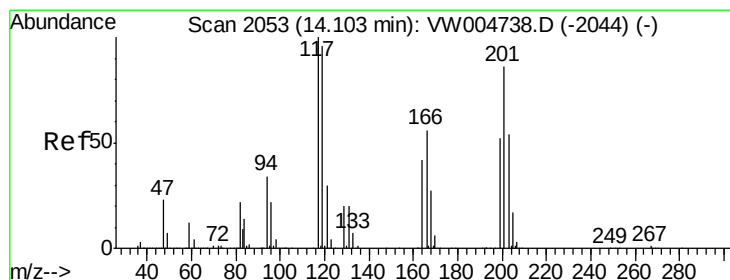
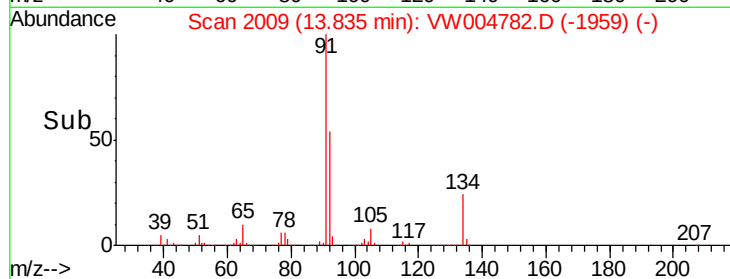
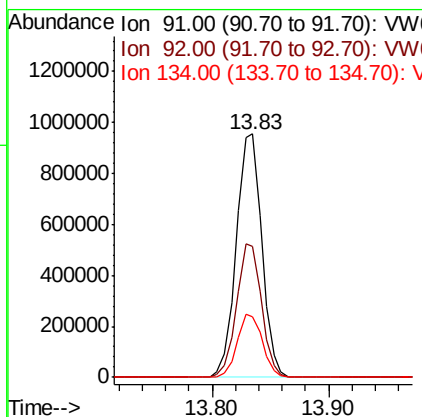
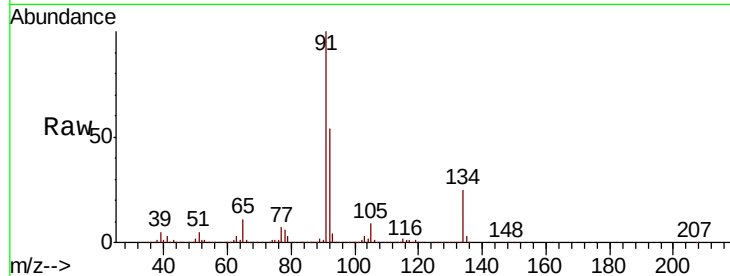
#89
n-Butylbenzene
Concen: 52.31 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	25.8	12.8	38.3

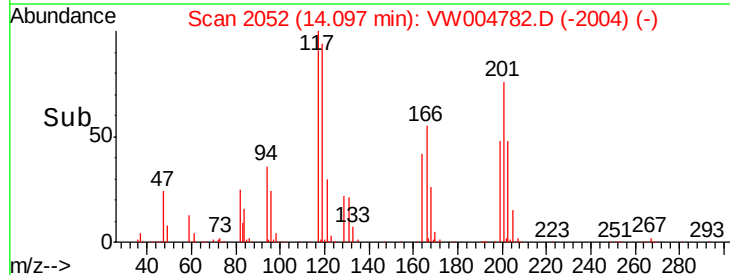
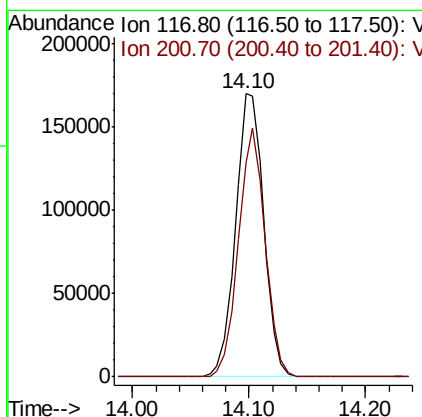
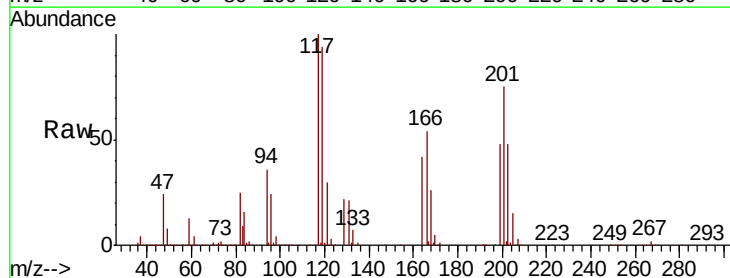
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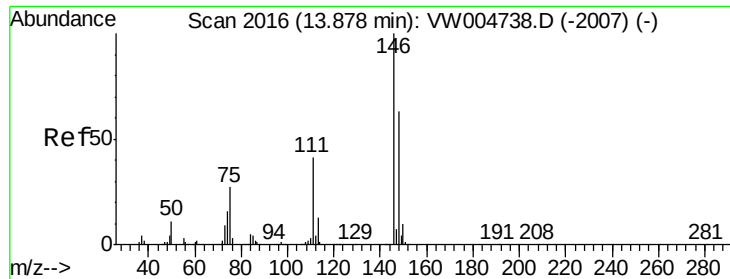
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#90
Hexachloroethane
Concen: 54.23 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	42.4	127.2





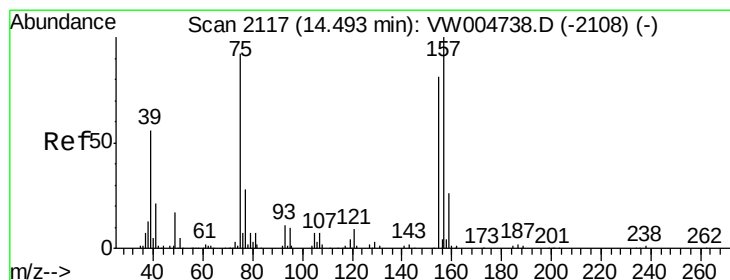
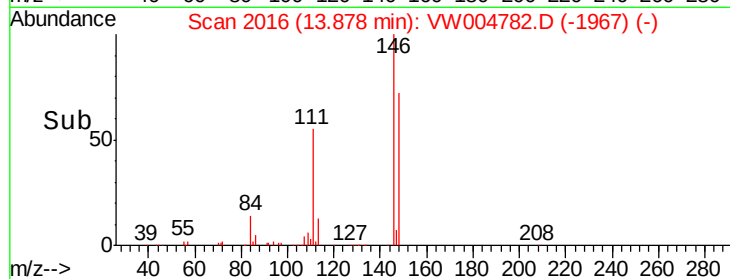
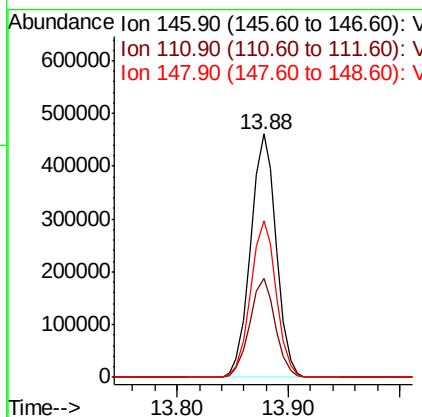
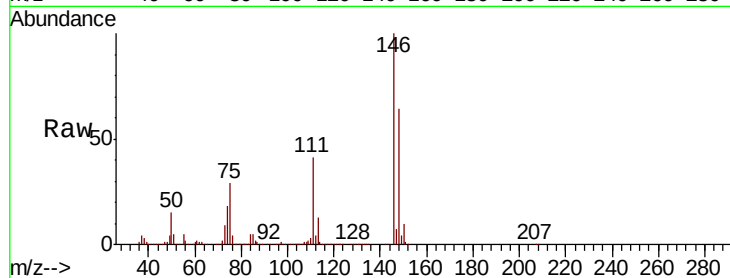
#91
 1,2-Dichlorobenzene
 Concen: 54.55 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	64.2	31.6	95.0

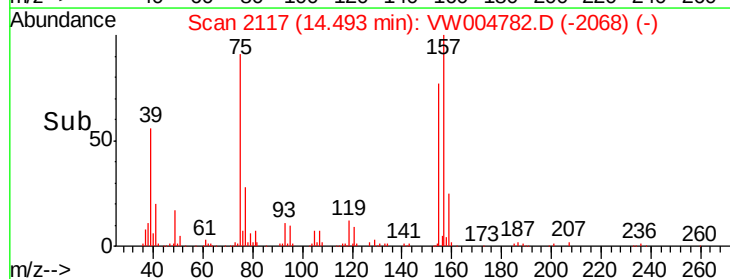
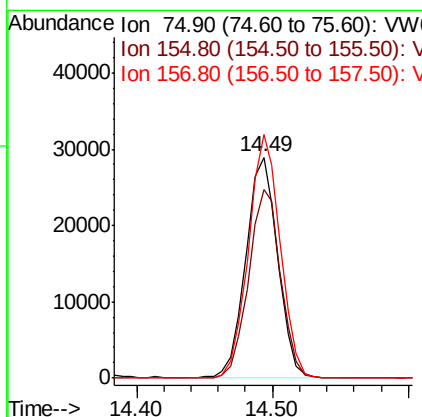
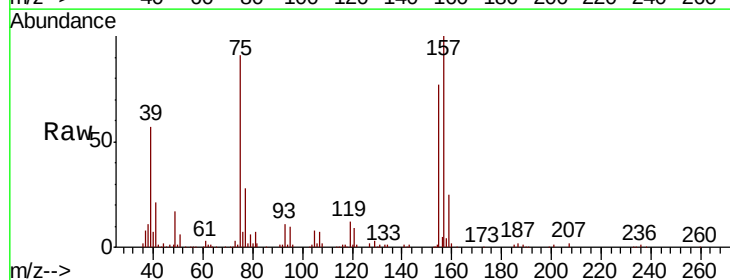
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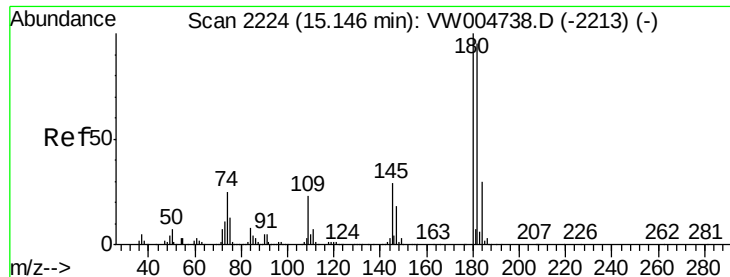
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.75 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	43.3	129.9
157	109.3	54.5	163.6





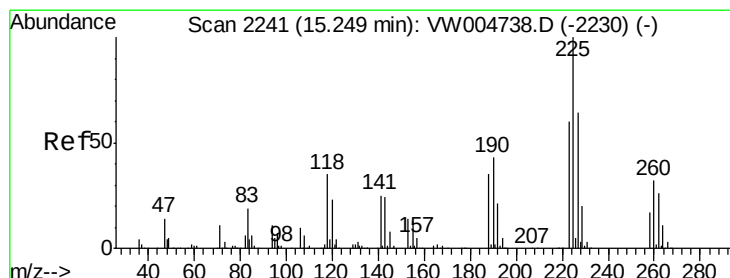
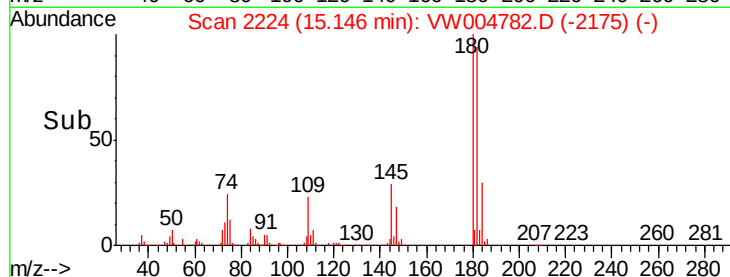
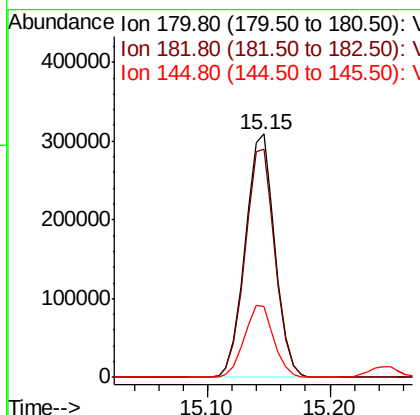
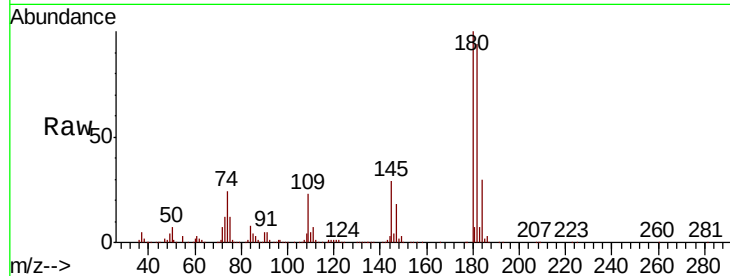
#93
 1,2,4-Trichlorobenzene
 Concen: 54.24 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.3	141.8	
145	29.6	14.6	43.8	

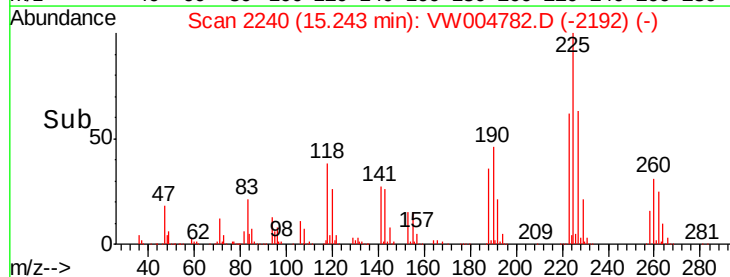
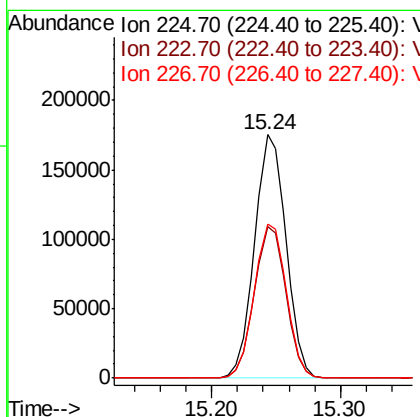
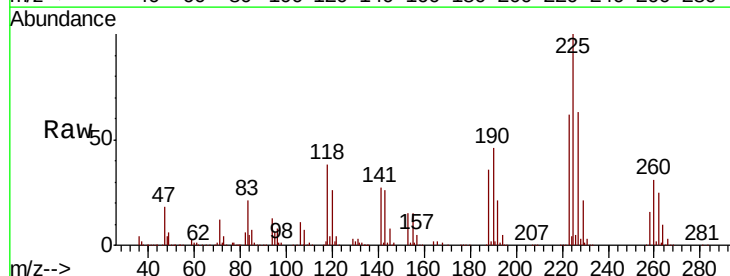
Manual Integrations
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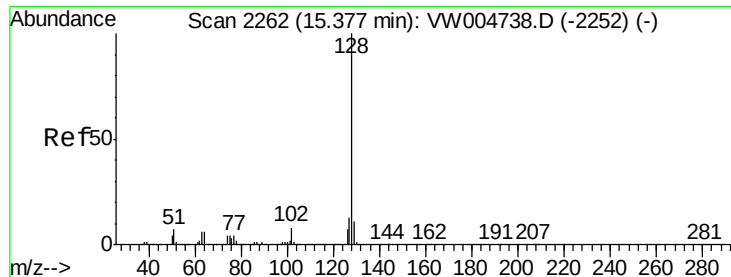
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#94
 Hexachlorobutadiene
 Concen: 50.29 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004782.D
 Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	30.9	92.5	
227	64.1	32.0	96.0	





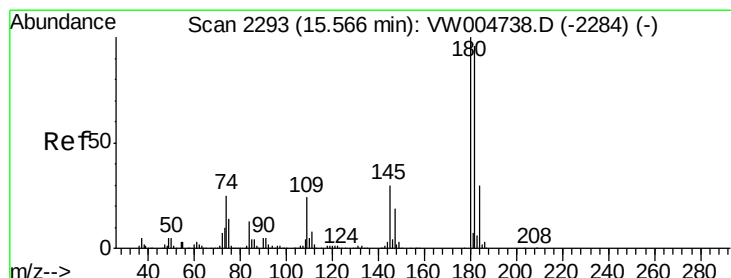
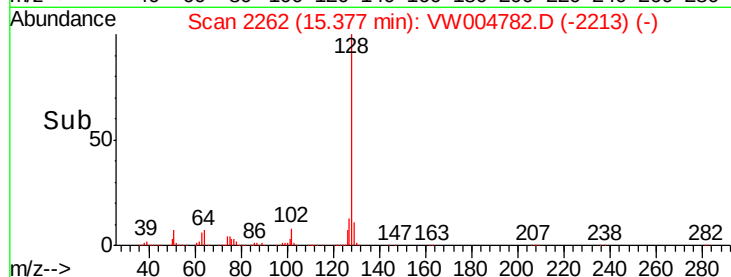
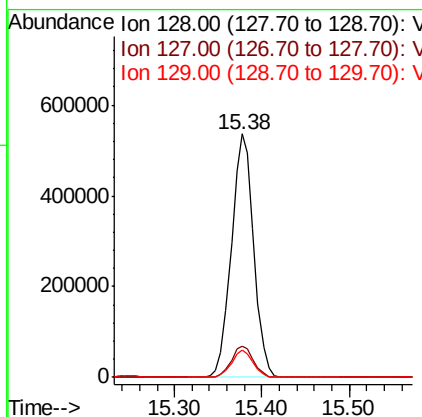
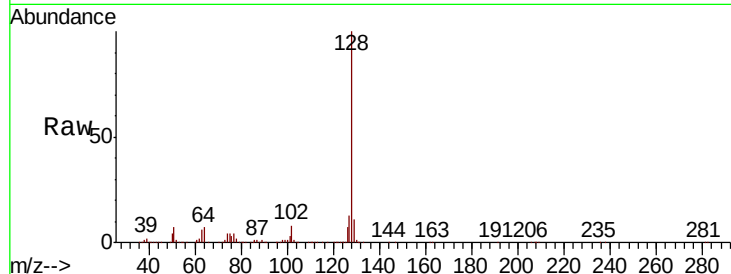
#95
Naphthalene
Concen: 51.10 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.46 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004782.D
Acq: 18 Aug 2018 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	31.1	15.4	46.1

