

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007721.D
 Acq On : 20 Dec 2018 02:30
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 12/20/2018 11:20:22 AM

Quant Time: Dec 20 07:44:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44822	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.88	113	42054	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.32	98	161370	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.62	95	61621	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29730	43.076	ug/l	99
3) Chloromethane	2.21	50	23561	55.594	ug/l	94
4) Vinyl Chloride	2.37	62	28977	53.712	ug/l	99
5) Bromomethane	2.78	94	20864	55.525	ug/l	91
6) Chloroethane	2.93	64	16553	57.352	ug/l	96
7) Trichlorofluoromethane	3.26	101	25462	45.333	ug/l	91
8) Diethyl Ether	3.68	74	18711	54.389	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36920	44.633	ug/l	98
10) Methyl Iodide	4.26	142	65913	50.106	ug/l	97
11) Tert butyl alcohol	5.17	59	14337	249.766	ug/l	98
12) 1,1-Dichloroethene	4.03	96	36336	47.438	ug/l	98
13) Acrolein	3.89	56	10424	227.122	ug/l	99
14) Allyl chloride	4.66	41	52048	51.816	ug/l	97
15) Acrylonitrile	5.37	53	36422	248.193	ug/l	99
16) Acetone	4.12	43	33420	209.735	ug/l	98
17) Carbon Disulfide	4.37	76	113834	48.024	ug/l	100
18) Methyl Acetate	4.67	43	19642	51.832	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	58676	53.359	ug/l	98
20) Methylene Chloride	4.91	84	40628	51.126	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	40942	48.600	ug/l	94
22) Diisopropyl ether	6.31	45	103150	54.843	ug/l	97
23) Vinyl Acetate	6.26	43	288151	257.863	ug/l	99
24) 1,1-Dichloroethane	6.21	63	69786	50.436	ug/l	98
25) 2-Butanone	7.17	43	43504	233.092	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46066	45.497	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	45553	50.755	ug/l	99
28) Bromochloromethane	7.51	49	28084	59.530	ug/l	96
29) Tetrahydrofuran	7.52	42	28832	258.985	ug/l	96
30) Chloroform	7.68	83	78119	49.889	ug/l	100
31) Cyclohexane	7.95	56	57692	45.545	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	68764	48.218	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58671	46.845	ug/l	98
37) Ethyl Acetate	7.25	43	20823	48.175	ug/l	99
38) Carbon Tetrachloride	8.07	117	64781	43.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70358	45.208	ug/l	97
40) Benzene	8.32	78	161801	48.412	ug/l	99
41) Methacrylonitrile	7.48	41	12273	50.011	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51952	46.385	ug/l	99
43) Isopropyl Acetate	8.43	43	42039	48.545	ug/l	100
44) Trichloroethene	9.09	130	47473	46.970	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37343	50.355	ug/l	98
46) Dibromomethane	9.46	93	21595	47.305	ug/l	99
47) Bromodichloromethane	9.65	83	58112	48.422	ug/l	97
48) Methyl methacrylate	9.44	41	21438	49.596	ug/l	99
49) 1,4-Dioxane	9.45	88	7164	989.822	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	98933	241.738	ug/l	99
52) Toluene	10.39	92	109281	48.735	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	56963	47.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	64275	48.747	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30395	48.297	ug/l	98
56) Ethyl methacrylate	10.65	69	37146	49.957	ug/l	96
57) 1,3-Dichloropropane	10.93	76	51316	49.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94810	279.273	ug/l	99
59) 2-Hexanone	10.97	43	67734	235.337	ug/l	99
60) Dibromochloromethane	11.13	129	39416	47.302	ug/l	97
61) 1,2-Dibromoethane	11.24	107	29967	47.022	ug/l	100
64) Tetrachloroethene	10.86	164	41224	49.381	ug/l	98
65) Chlorobenzene	11.66	112	122075	47.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43939	48.192	ug/l	98
67) Ethyl Benzene	11.73	91	214694	49.032	ug/l	96
68) m/p-Xylenes	11.84	106	163980	96.543	ug/l	99
69) o-Xylene	12.17	106	77853	48.898	ug/l	99
70) Styrene	12.18	104	129883	49.627	ug/l	99
71) Bromoform	12.35	173	22211	46.927	ug/l #	98
73) Isopropylbenzene	12.47	105	217189	48.145	ug/l	100
74) N-amyl acetate	12.27	43	39045	49.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	32106	47.468	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24407m	52.913	ug/l	
77) Bromobenzene	12.75	156	49580	47.957	ug/l	97
78) n-propylbenzene	12.81	91	252553	48.094	ug/l	99
79) 2-Chlorotoluene	12.90	91	149794	48.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	188813	48.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10316	46.944	ug/l	98
82) 4-Chlorotoluene	12.99	91	158639	48.704	ug/l	99
83) tert-Butylbenzene	13.21	119	166157	48.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	193823	49.364	ug/l	99
85) sec-Butylbenzene	13.39	105	225101	47.839	ug/l	99
86) p-Isopropyltoluene	13.50	119	205234	47.967	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	99251	48.352	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99250	48.337	ug/l	99
89) n-Butylbenzene	13.83	91	187454	47.783	ug/l	100
90) Hexachloroethane	14.10	117	35850	47.725	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	88898	48.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6232	44.866	ug/l	98

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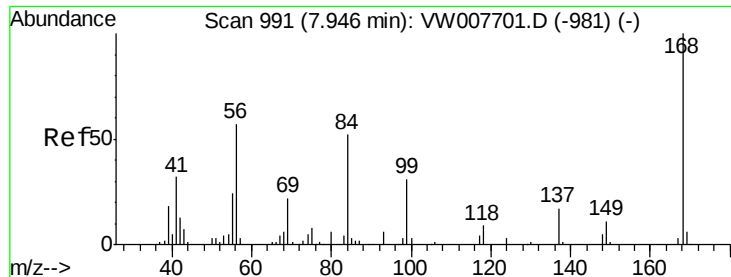
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61535	48.235	ug/l	99
94) Hexachlorobutadiene	15.24	225	31494	46.194	ug/l	99
95) Naphthalene	15.38	128	118105	50.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	52437	48.018	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 77636

Ion Ratio Lower Upper

168 100

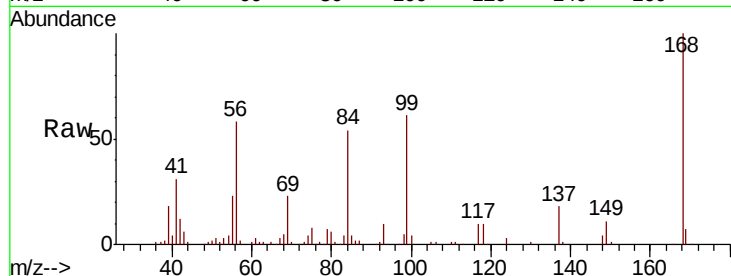
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

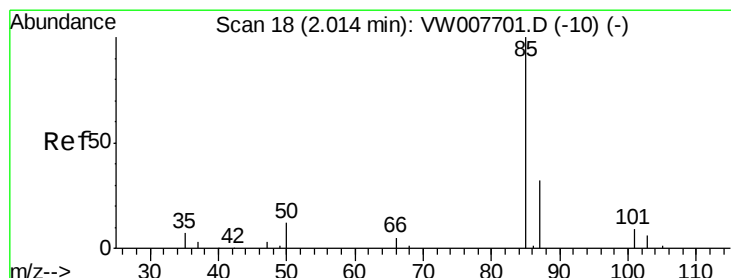
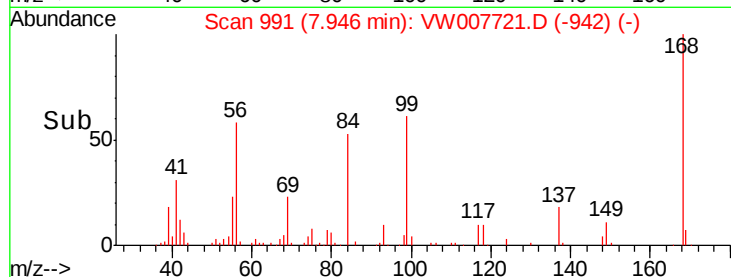
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10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 43.076 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007721.D

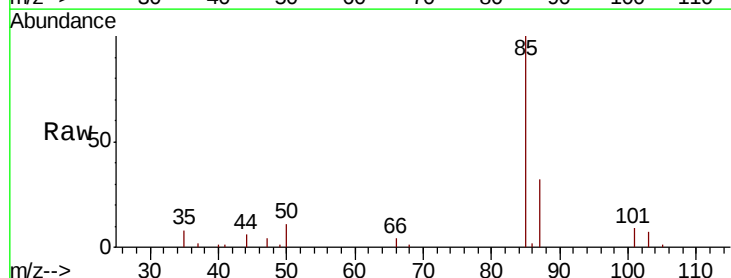
Acq: 20 Dec 2018 02:30

Tgt Ion: 85 Resp: 29730

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

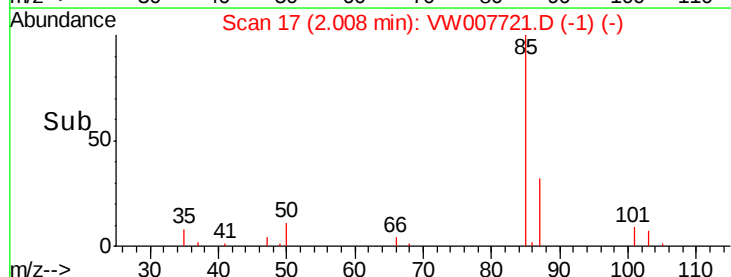
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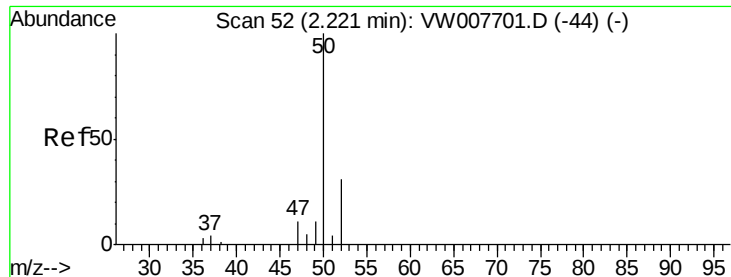
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 55.594 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 23561

Ion Ratio Lower Upper

50 100

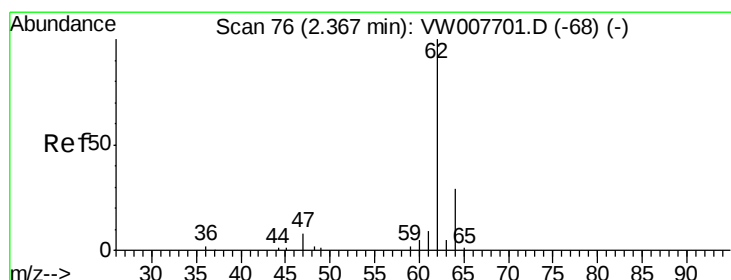
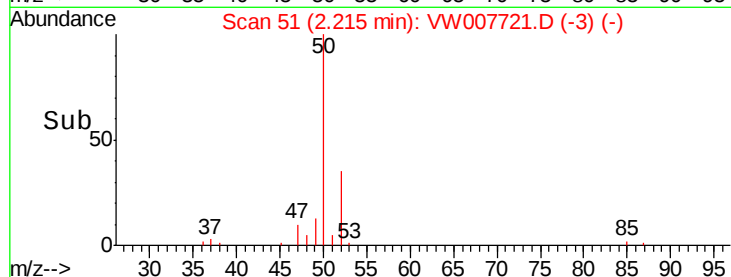
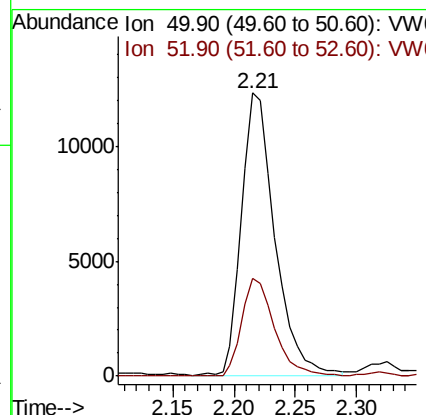
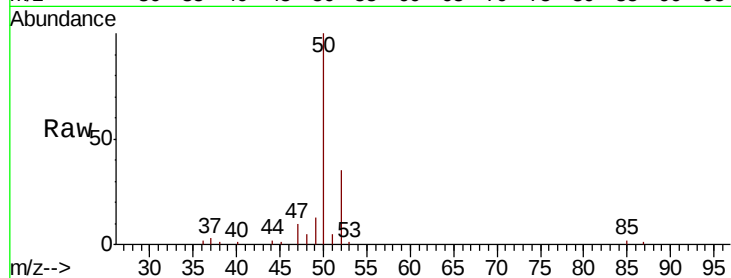
52 34.7 25.1 37.7

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#4

Vinyl Chloride

Concen: 53.712 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007721.D

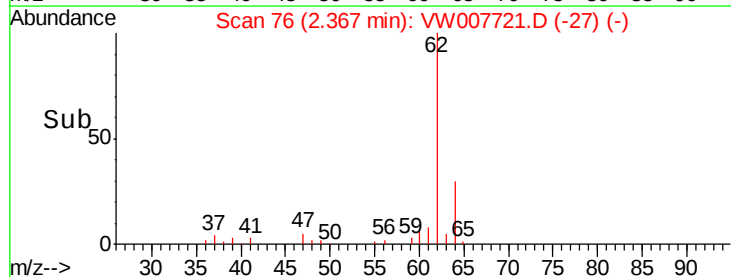
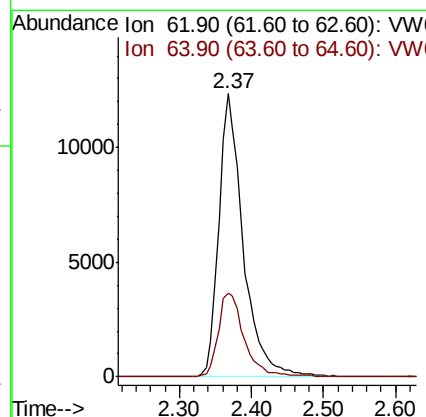
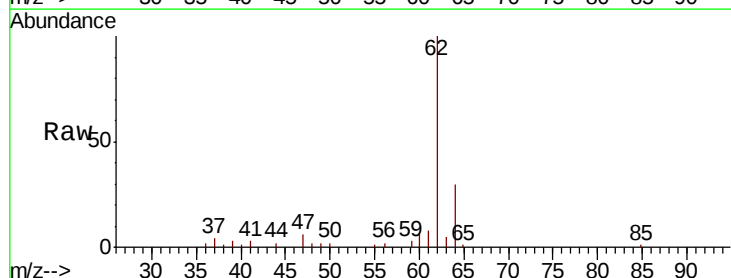
Acq: 20 Dec 2018 02:30

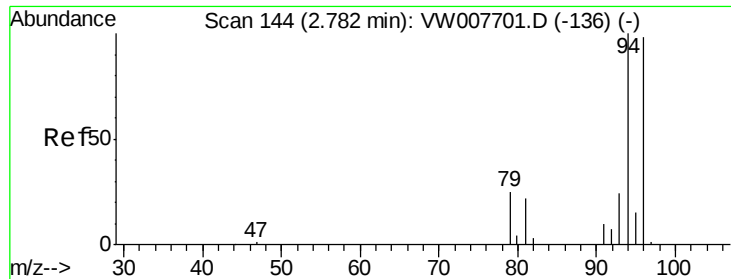
Tgt Ion: 62 Resp: 28977

Ion Ratio Lower Upper

62 100

64 29.6 23.4 35.0





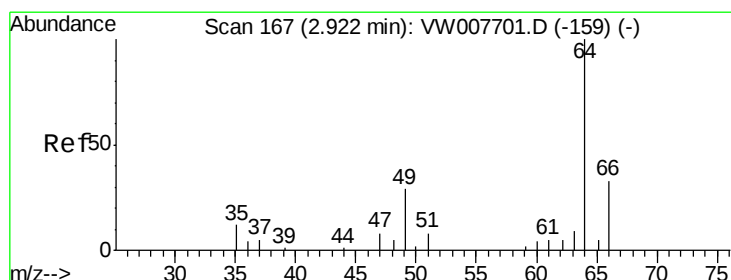
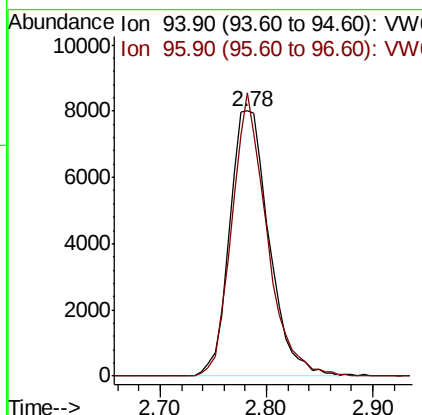
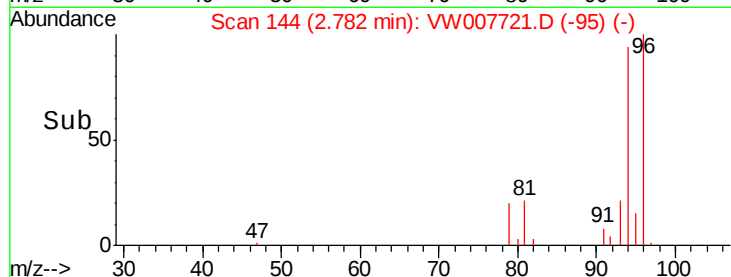
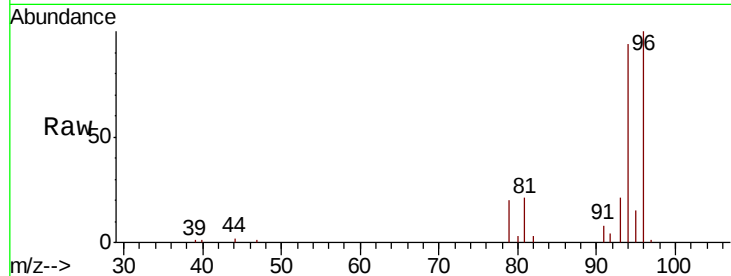
#5
Bromomethane
Concen: 55.525 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
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Tot Ion: 94 Resp: 20864
Ion Ratio Lower Upper
94 100
96 106.8 78.2 117.2

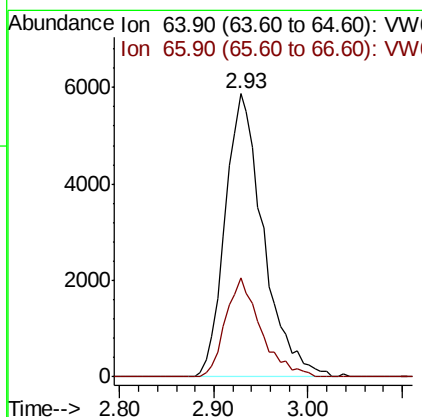
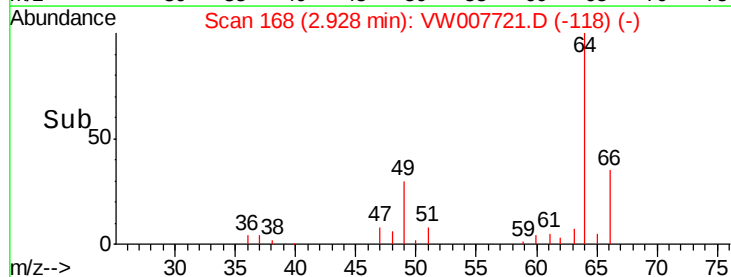
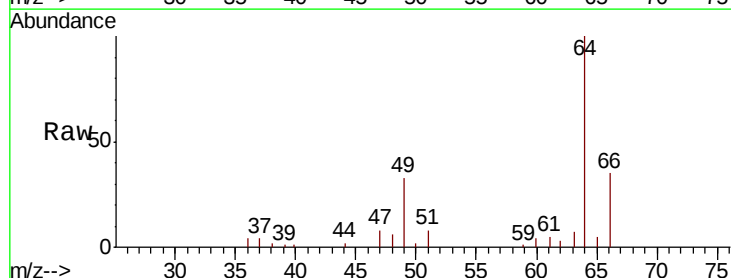
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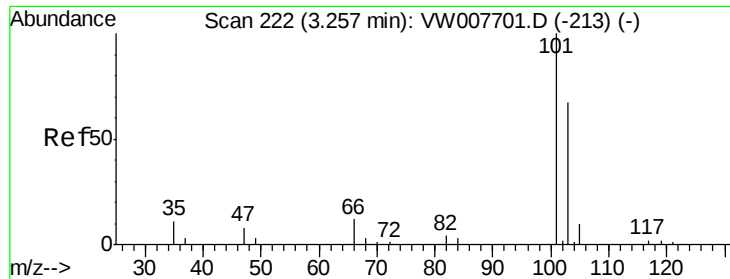
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#6
Chloroethane
Concen: 57.352 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion: 64 Resp: 16553
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4





#7

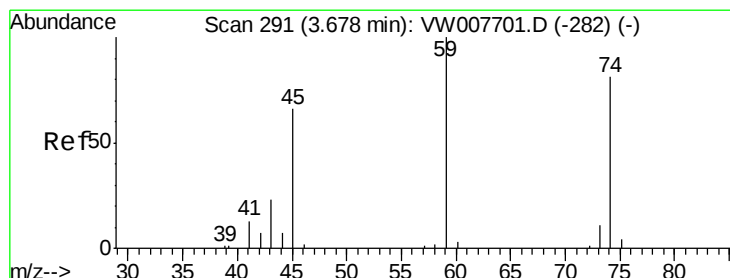
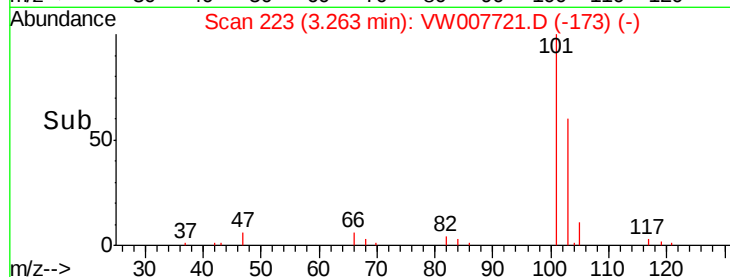
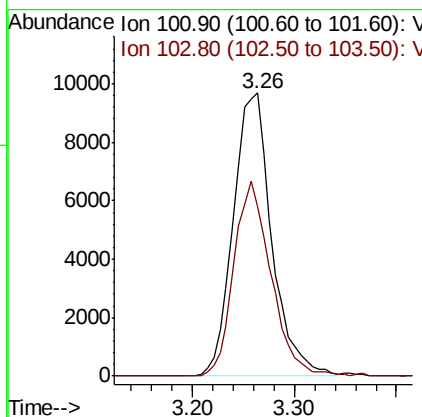
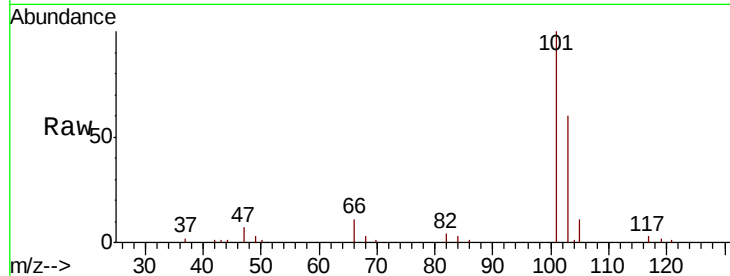
Trichlorofluoromethane
 Concen: 45.333 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

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Tot Ion:101 Resp: 25462
 Ion Ratio Lower Upper
 101 100
 103 59.8 53.4 80.2

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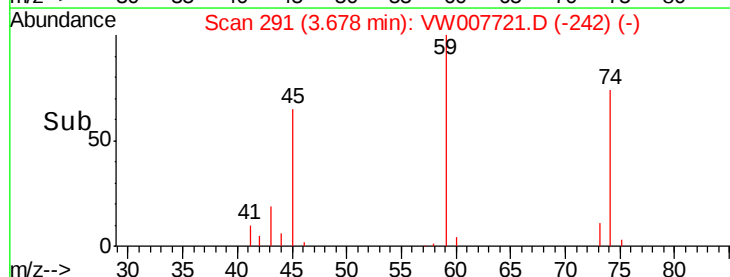
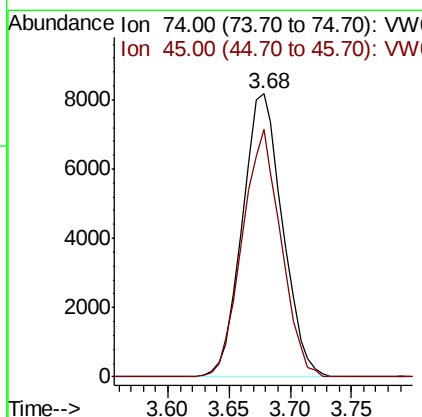
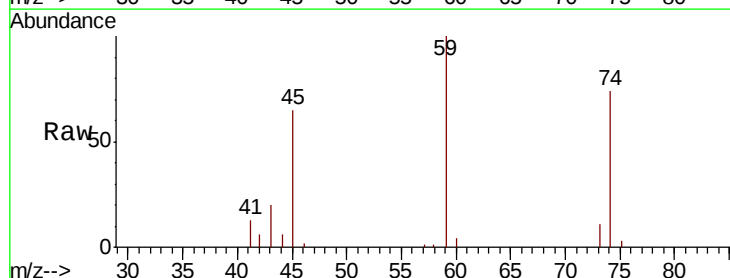
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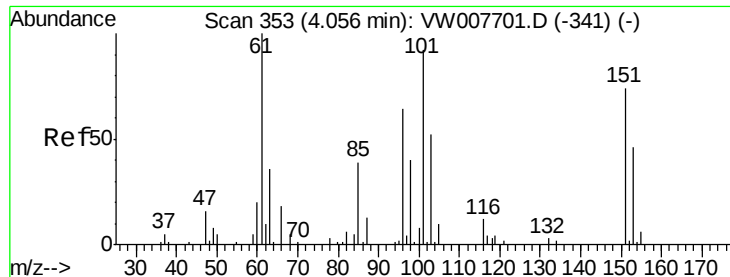


#8

Diethyl Ether
 Concen: 54.389 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion: 74 Resp: 18711
 Ion Ratio Lower Upper
 74 100
 45 84.0 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.633 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

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MSVOA_W

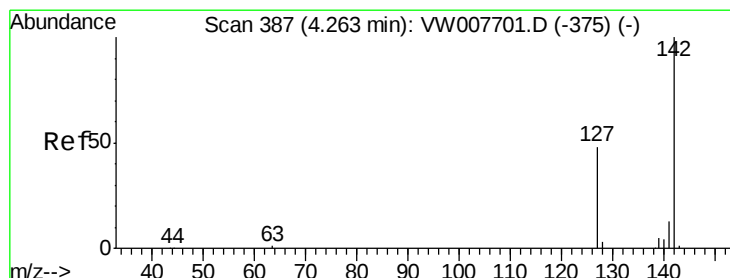
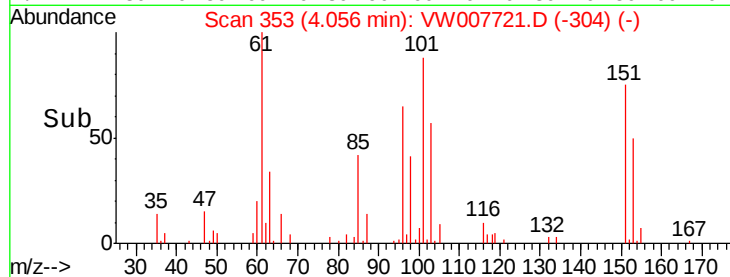
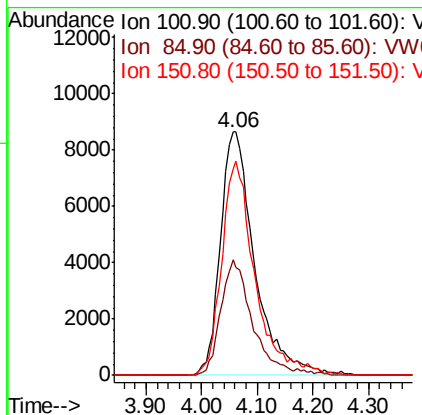
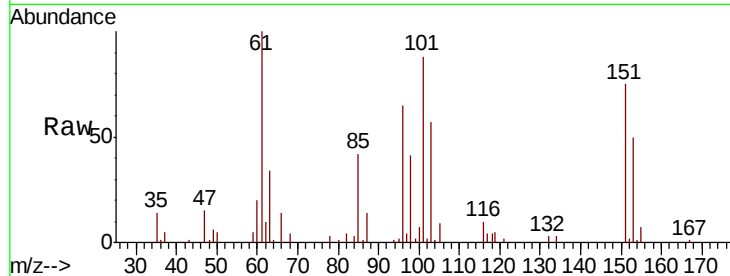
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	36920
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.3	51.5
151	83.6	64.6	96.8

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#10

Methyl Iodide

Concen: 50.106 ug/l

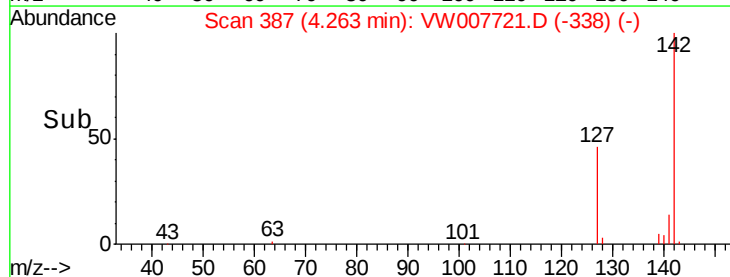
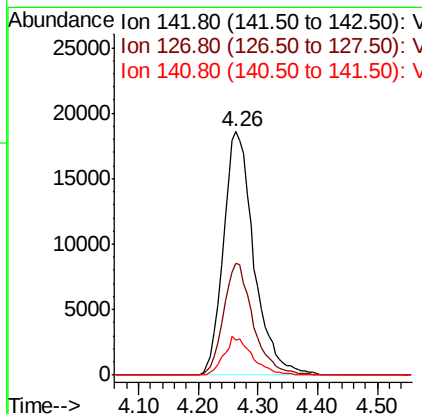
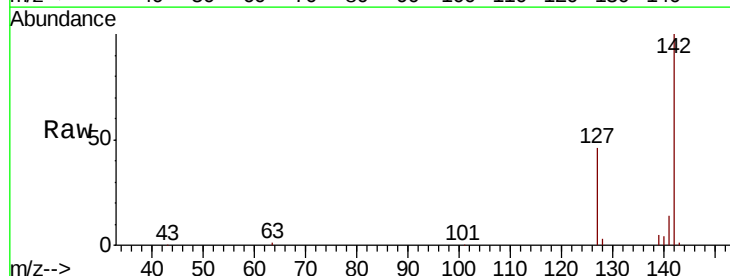
RT: 4.26 min Scan# 387

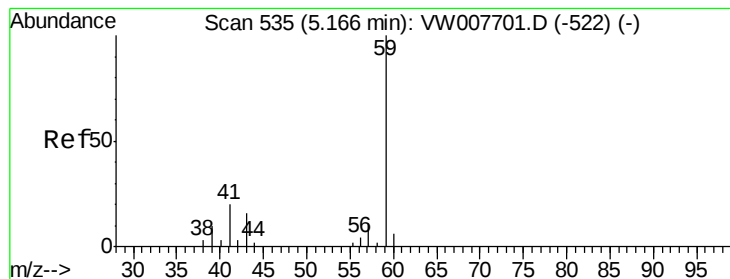
Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	142	Resp:	65913
Ion Ratio	Lower	Upper	
142	100		
127	44.7	37.7	56.5
141	14.7	11.5	17.3





#11

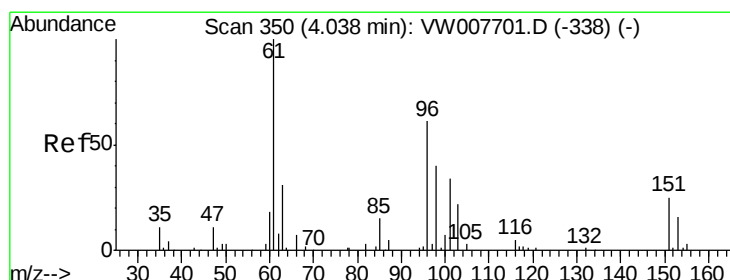
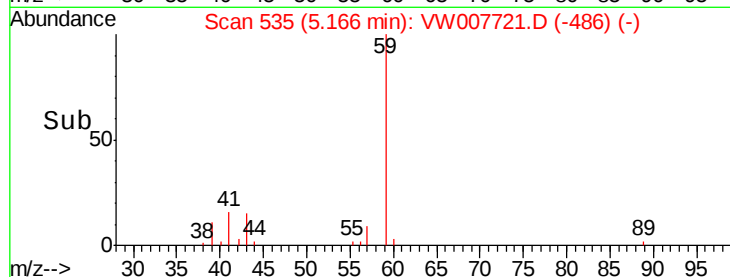
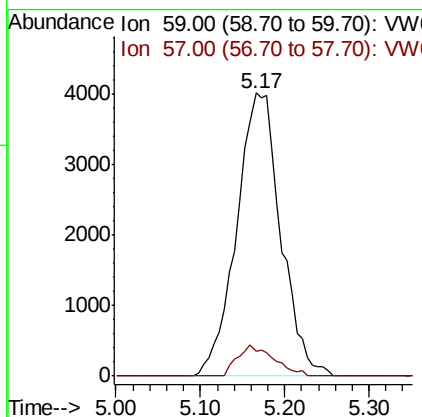
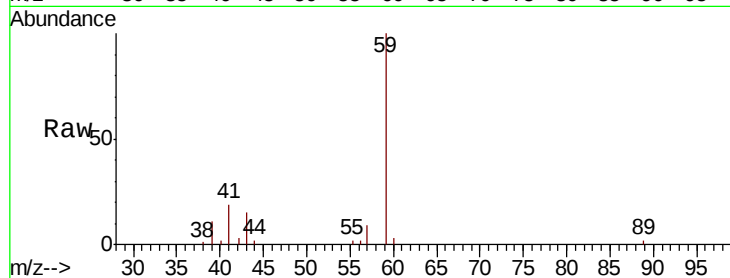
Tert butyl alcohol
 Concen: 249.766 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	7.8	11.8

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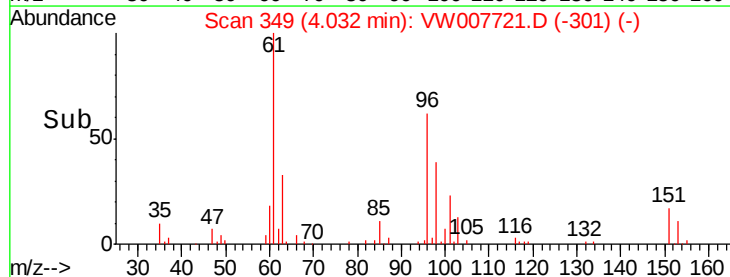
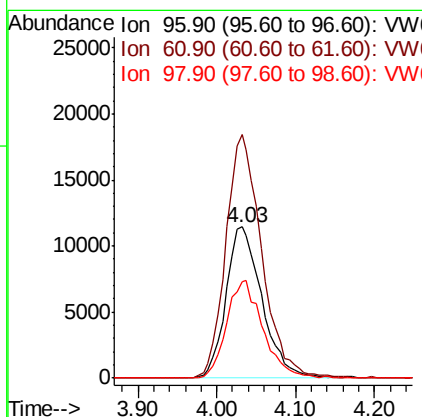
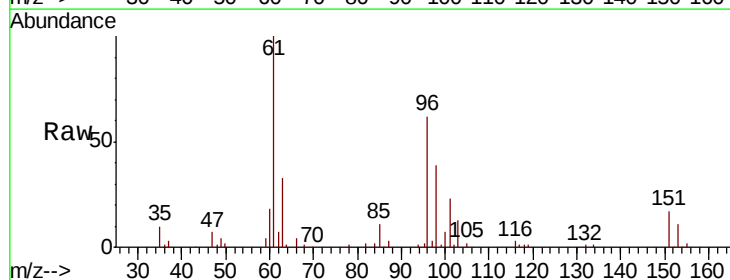
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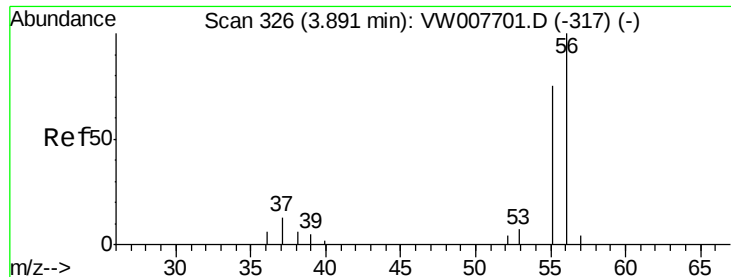


#12

1,1-Dichloroethene
 Concen: 47.438 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.3	130.6	195.8
98	63.7	52.3	78.5





#13

Acrolein

Concen: 227.122 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 10424

Ion Ratio Lower Upper

56 100

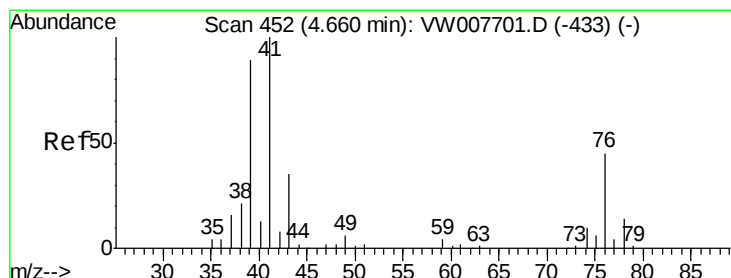
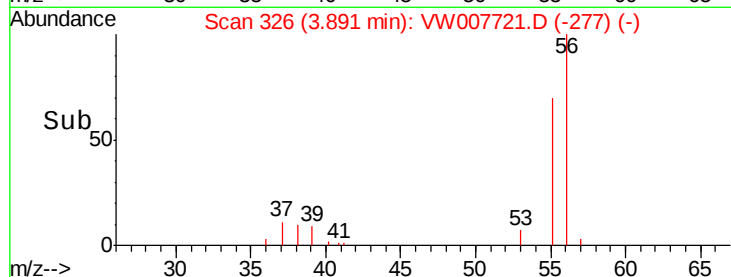
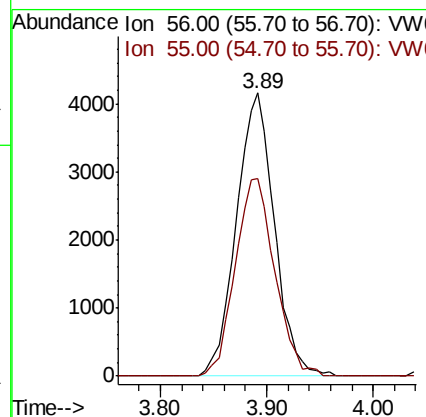
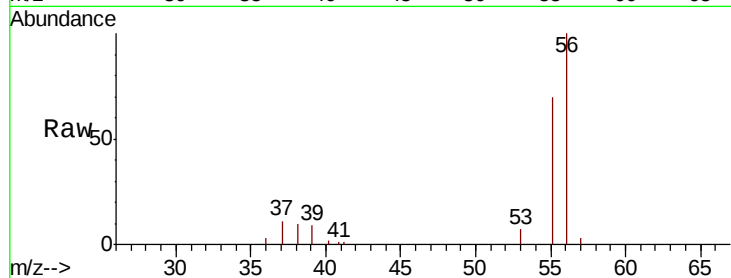
55 72.6 57.7 86.5

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#14

Allyl chloride

Concen: 51.816 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

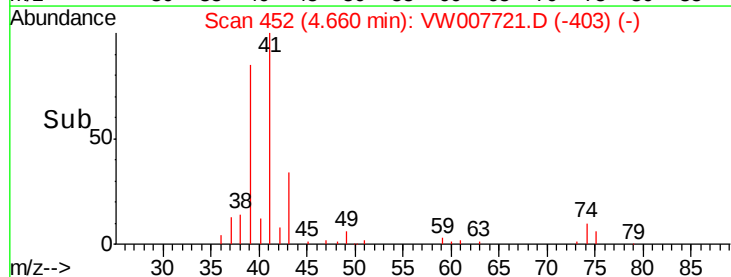
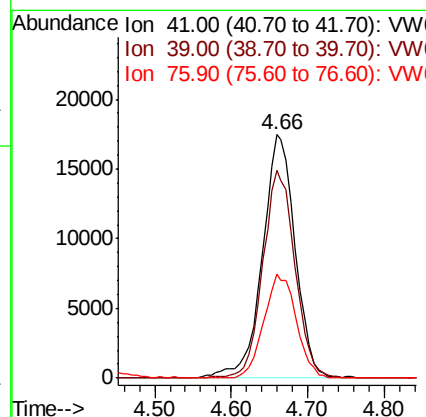
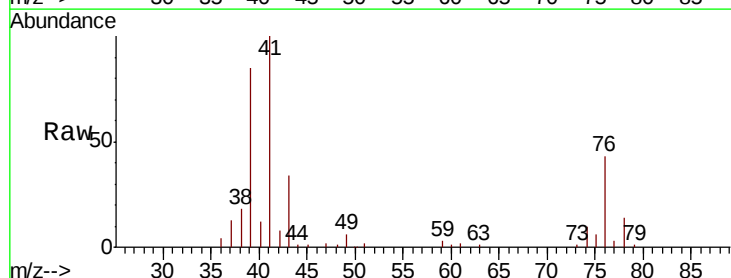
Tgt Ion: 41 Resp: 52048

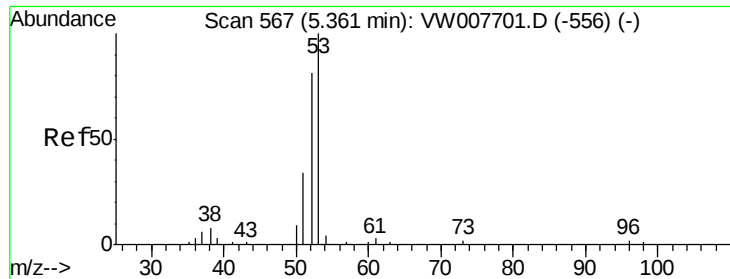
Ion Ratio Lower Upper

41 100

39 83.8 69.5 104.3

76 42.1 34.8 52.2





#15

Acrylonitrile

Concen: 248.193 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

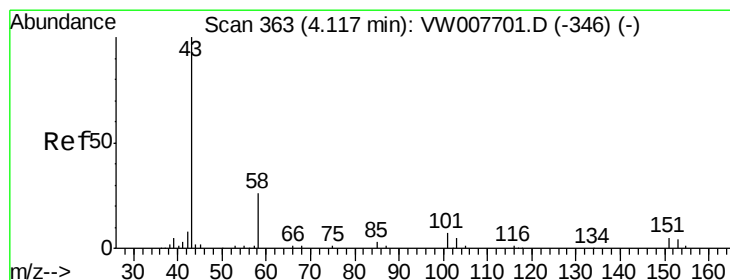
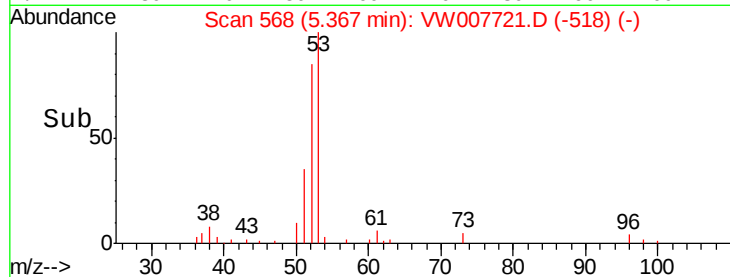
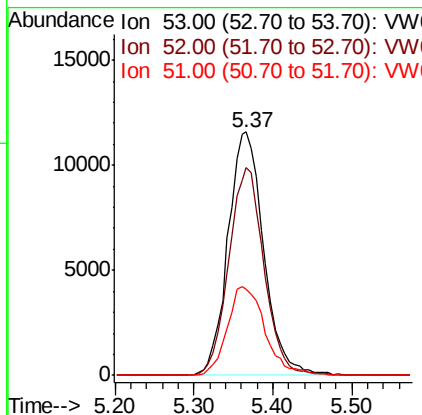
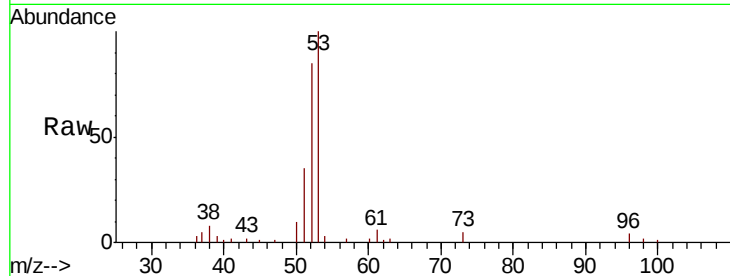
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	36422
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.0	100.4
51	38.8	30.2	45.2

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#16

Acetone

Concen: 209.735 ug/l

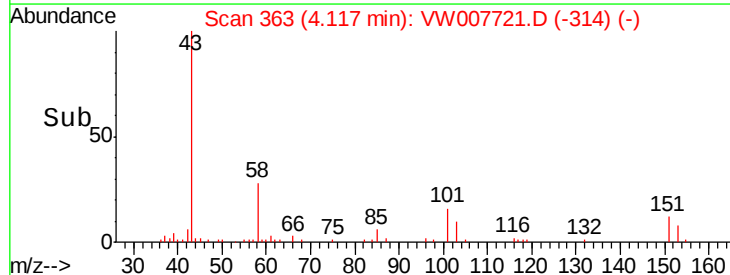
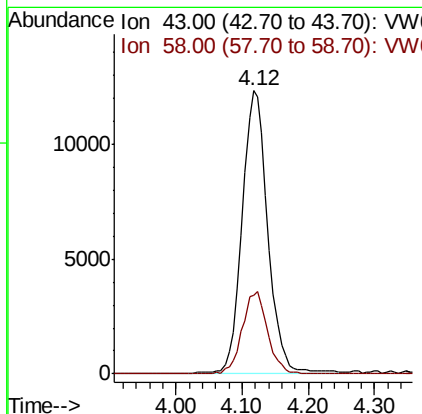
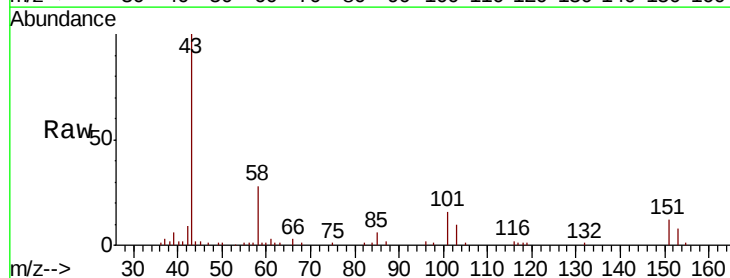
RT: 4.12 min Scan# 363

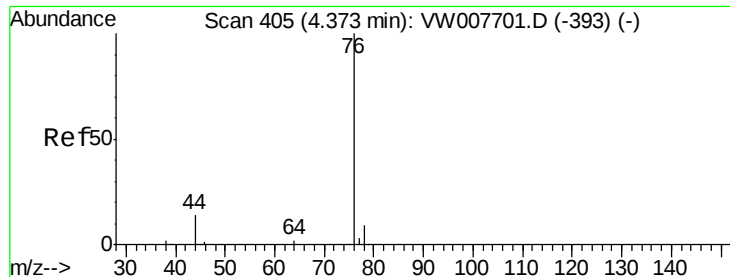
Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	43	Resp:	33420
Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8





#17

Carbon Disulfide

Concen: 48.024 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 113834

Ion Ratio Lower Upper

76 100

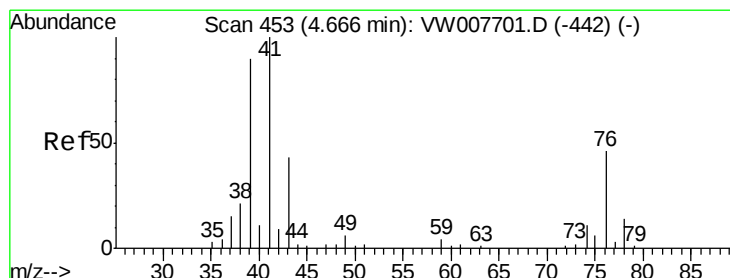
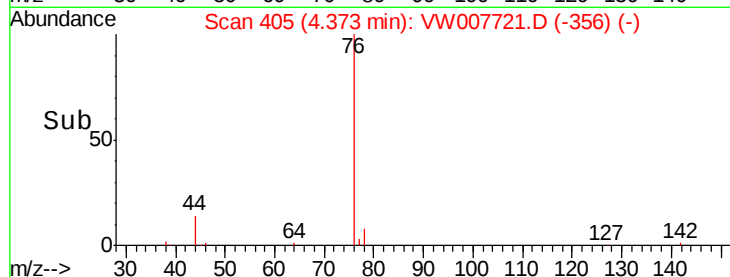
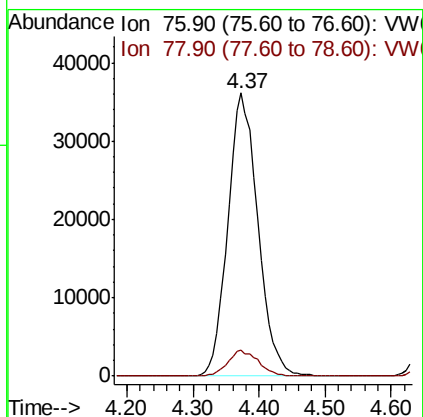
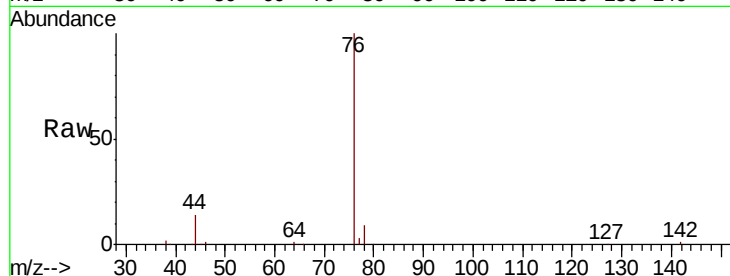
78 9.2 7.3 10.9

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#18

Methyl Acetate

Concen: 51.832 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007721.D

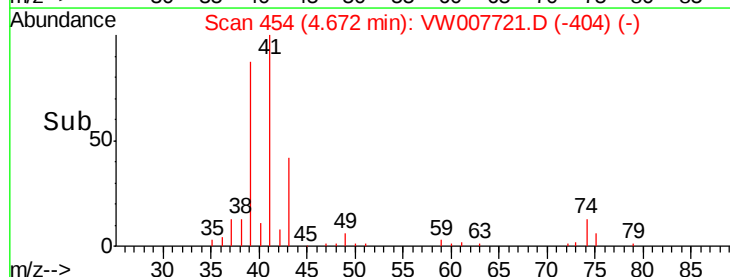
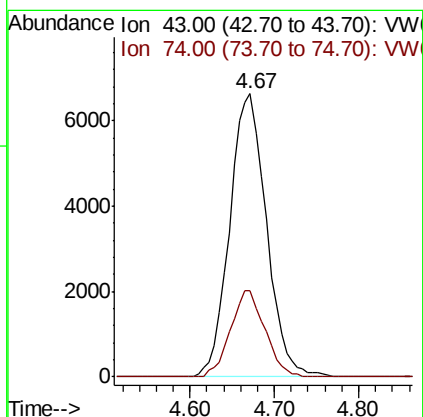
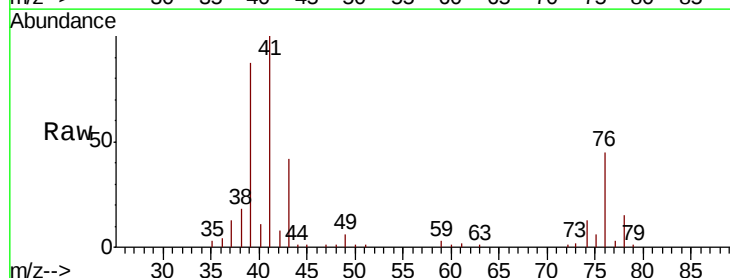
Acq: 20 Dec 2018 02:30

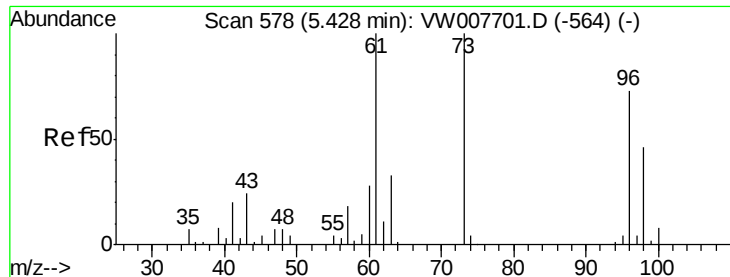
Tgt Ion: 43 Resp: 19642

Ion Ratio Lower Upper

43 100

74 28.4 22.7 34.1





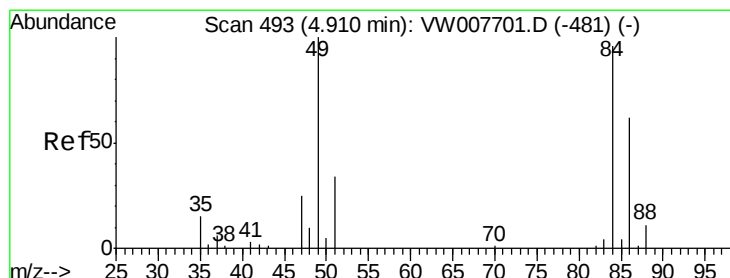
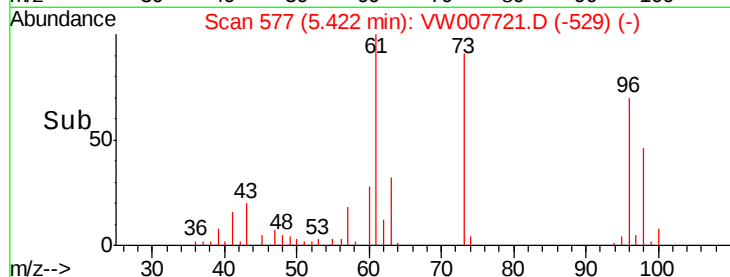
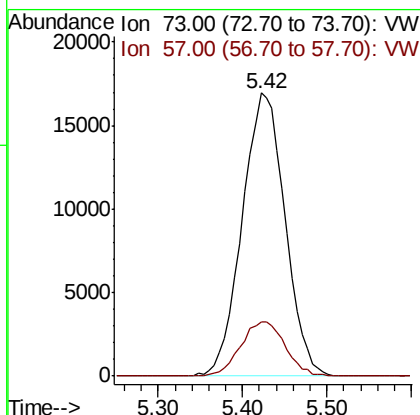
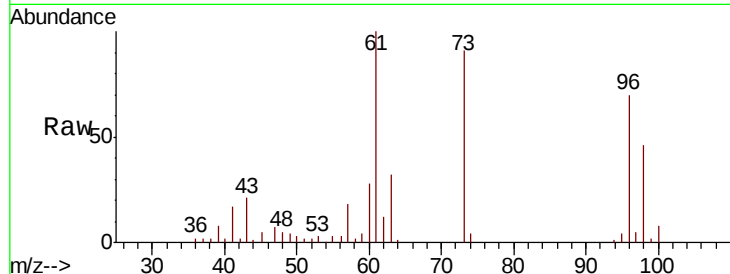
#19
Methyl tert-butyl Ether
Concen: 53.359 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.4	14.7	22.1

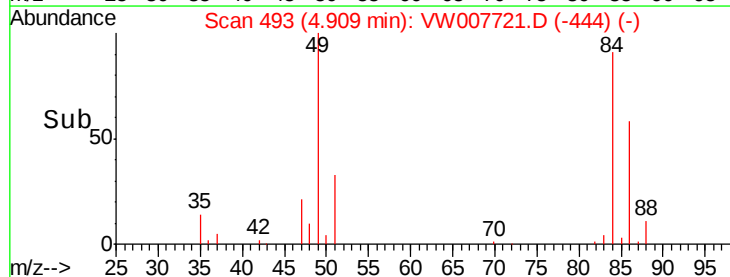
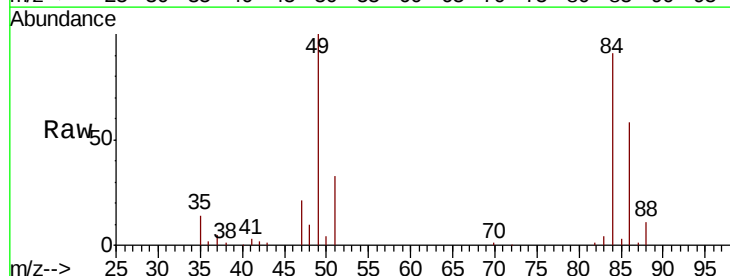
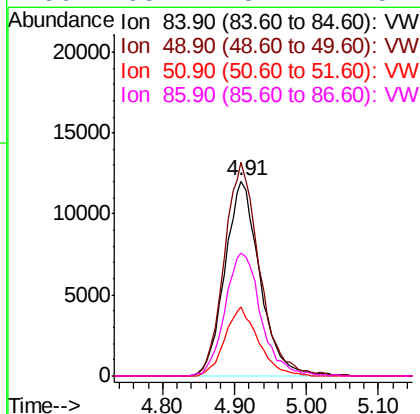
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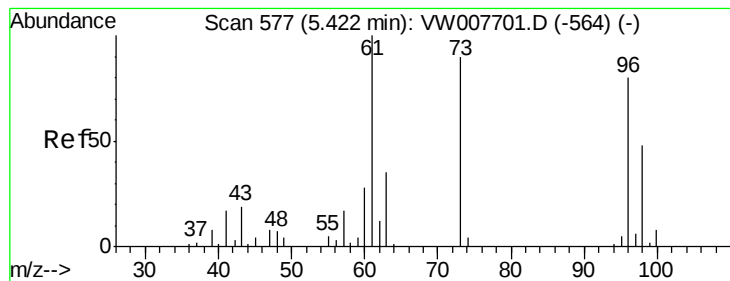
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#20
Methylene Chloride
Concen: 51.126 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	83.7	125.5
51	35.7	28.2	42.2
86	63.1	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 48.600 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

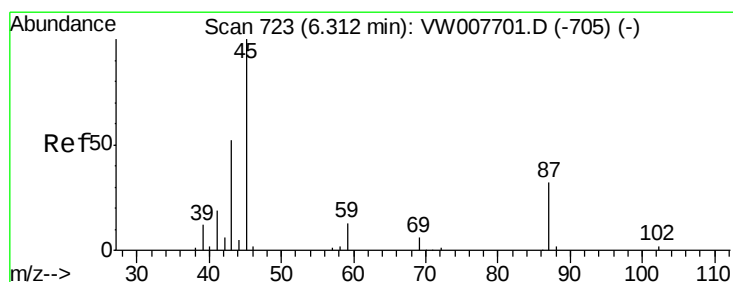
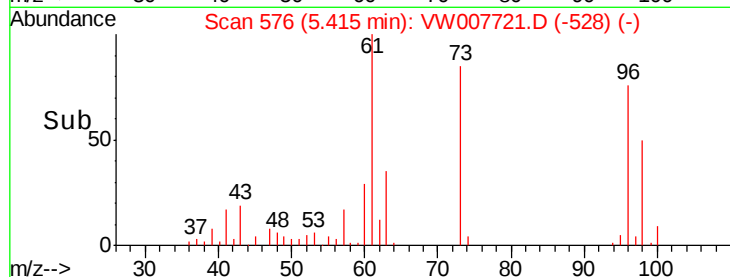
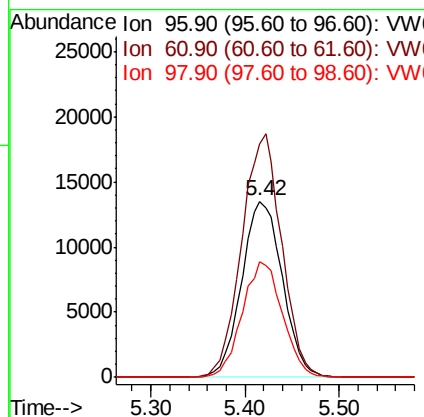
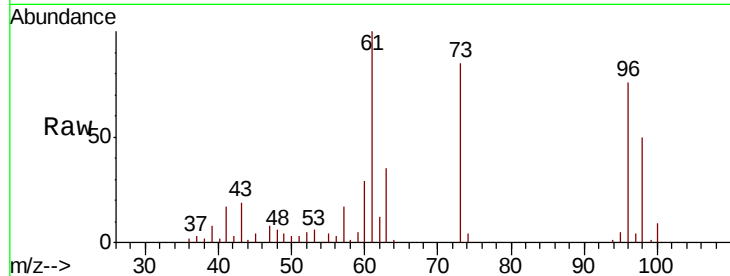
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	40942
Ion	Ratio	Lower	Upper
96	100		
61	132.3	100.1	150.1
98	65.8	48.5	72.7

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#22

Diisopropyl ether

Concen: 54.843 ug/l

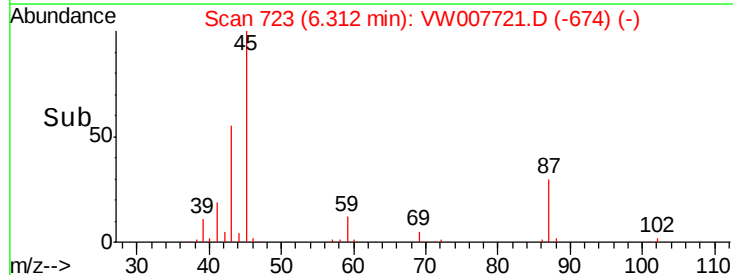
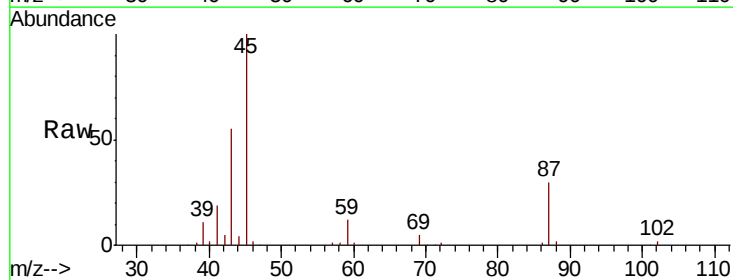
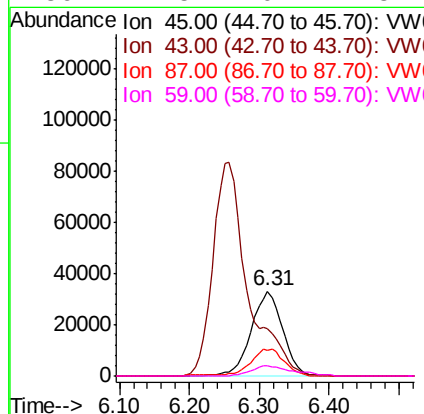
RT: 6.31 min Scan# 723

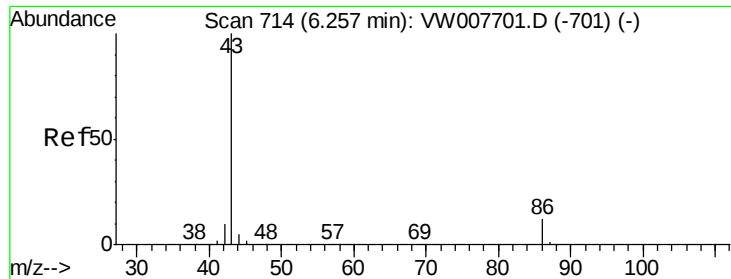
Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	45	Resp:	103150
Ion	Ratio	Lower	Upper
45	100		
43	55.0	43.7	65.5
87	30.1	26.6	40.0
59	11.5	10.2	15.2





#23

Vinyl Acetate

Concen: 257.863 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 288151

Ion Ratio Lower Upper

43 100

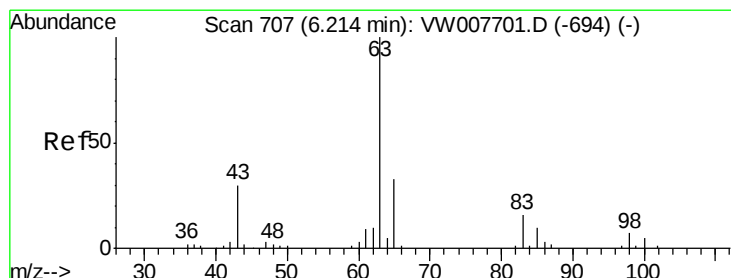
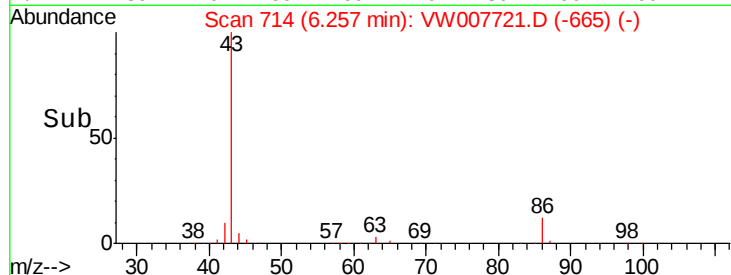
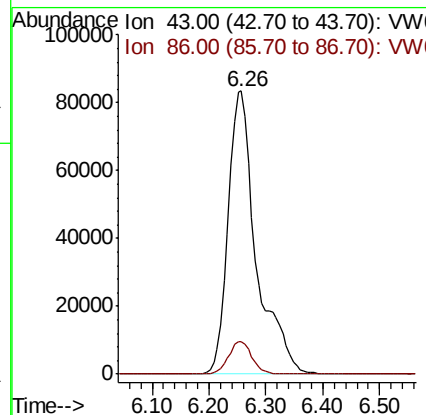
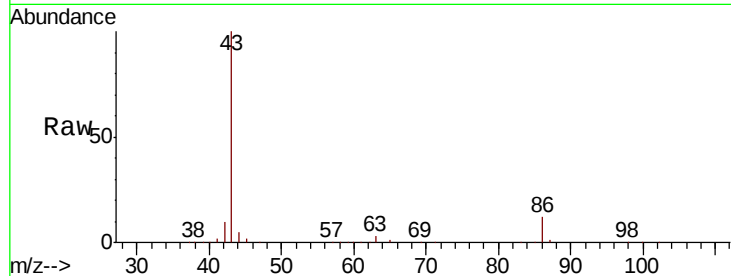
86 11.7 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 50.436 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

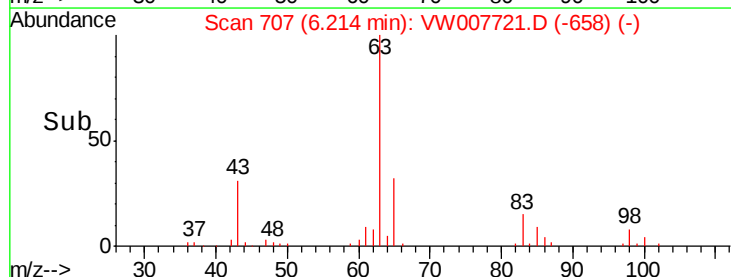
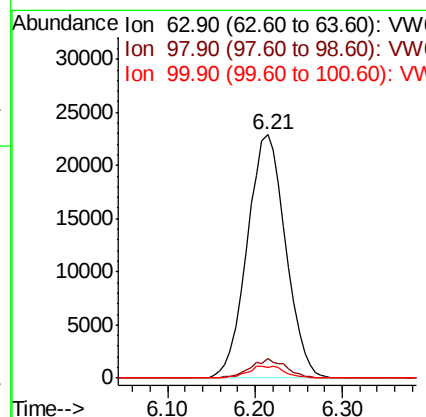
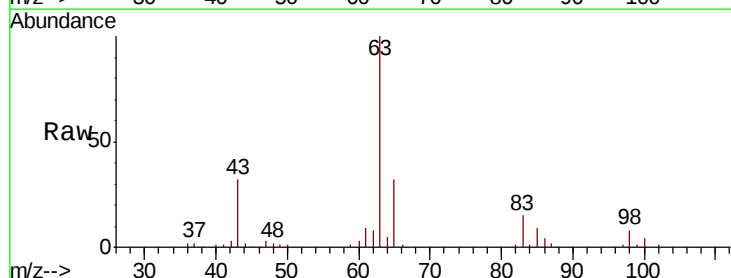
Tgt Ion: 63 Resp: 69786

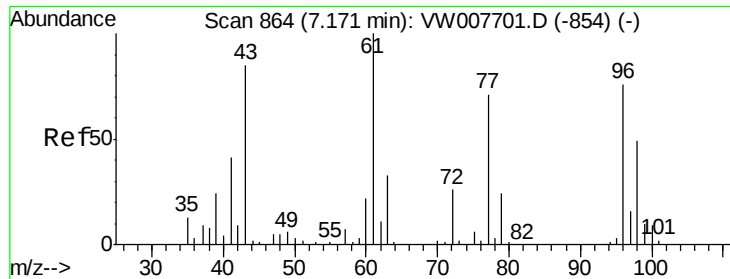
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 233.092 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 43504

Ion Ratio Lower Upper

43 100

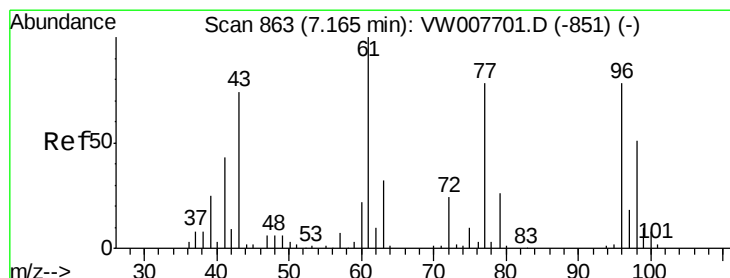
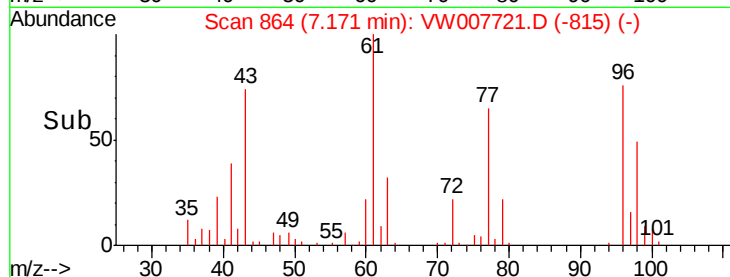
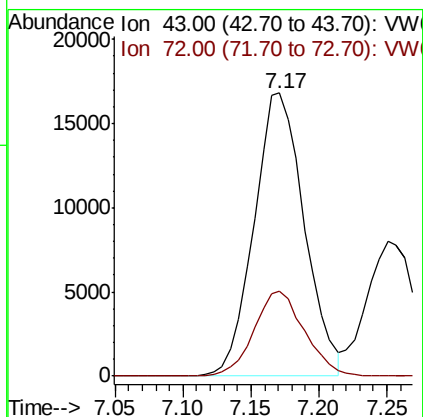
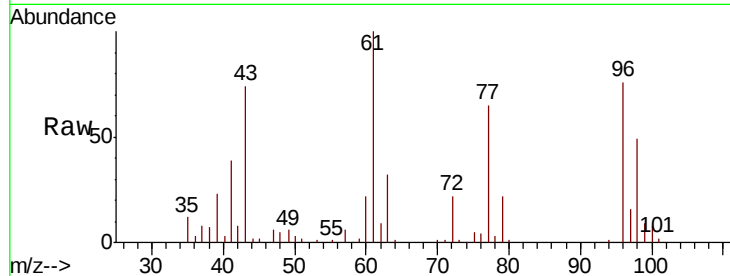
72 29.9 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 45.497 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007721.D

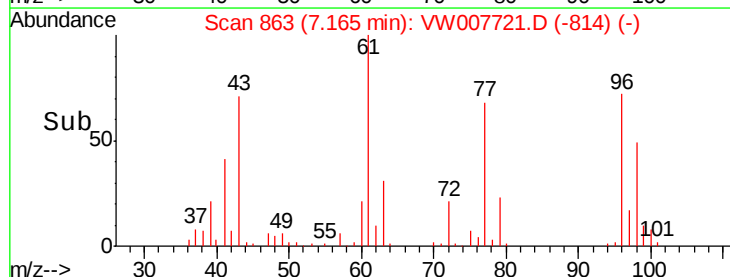
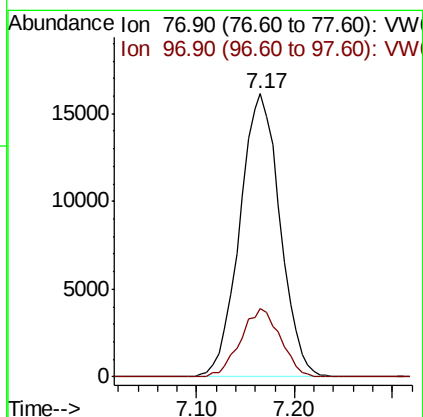
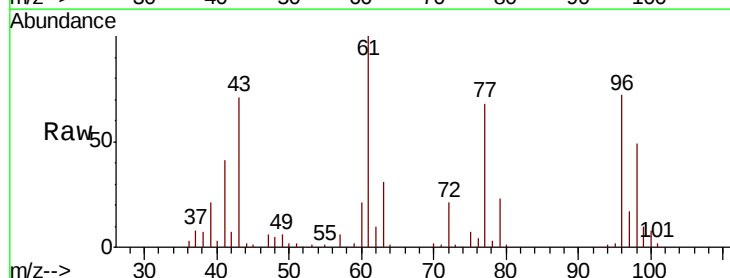
Acq: 20 Dec 2018 02:30

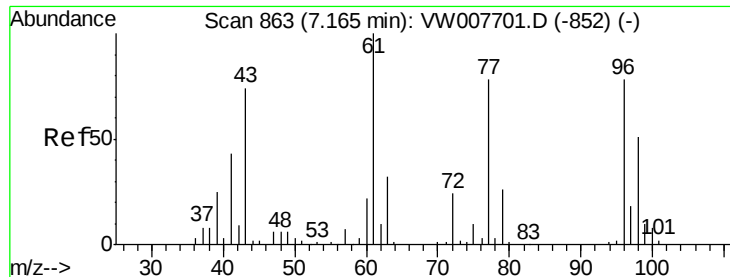
Tgt Ion: 77 Resp: 46066

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9





#27

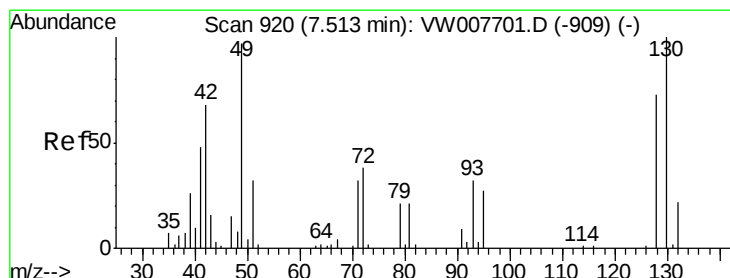
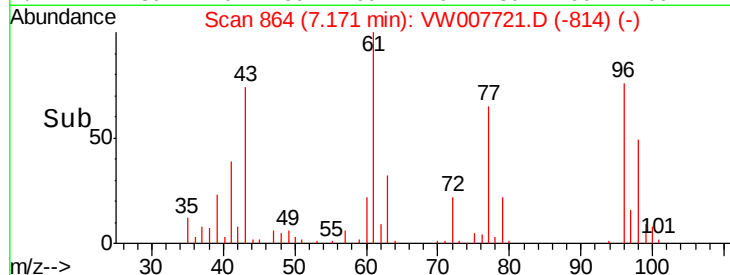
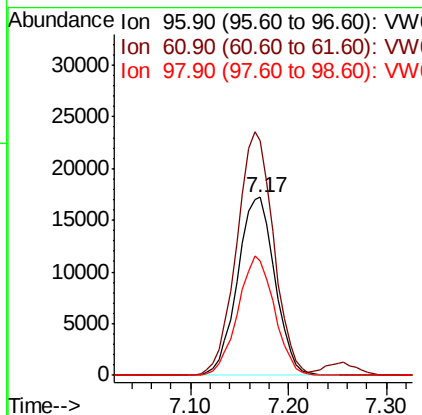
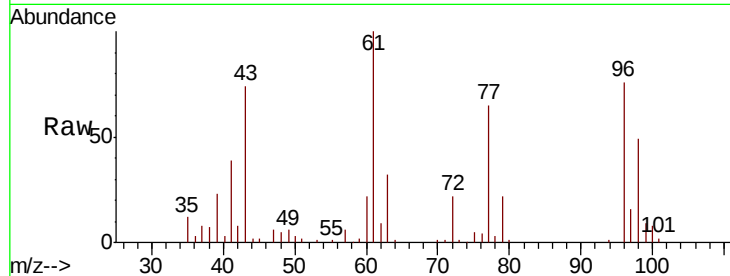
cis-1,2-Dichloroethene
Concen: 50.755 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	271.6
98	65.0	0.0	131.2

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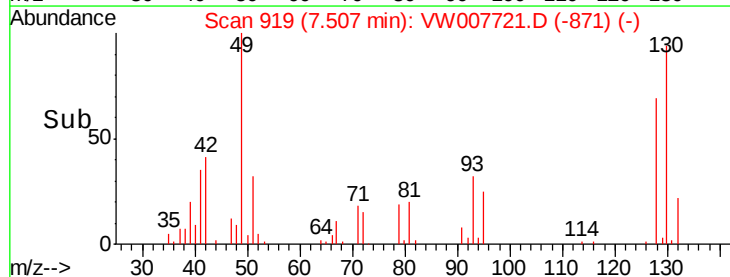
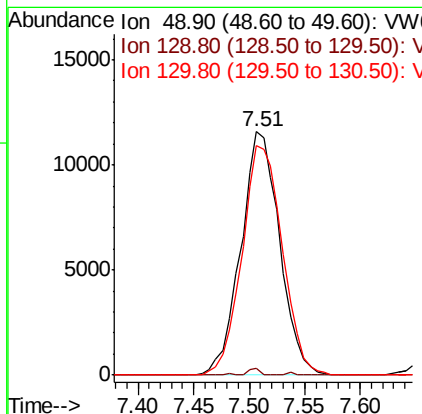
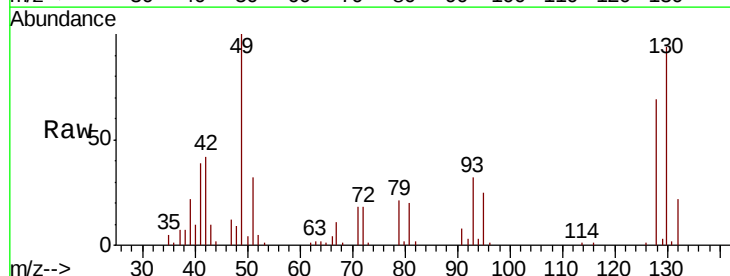
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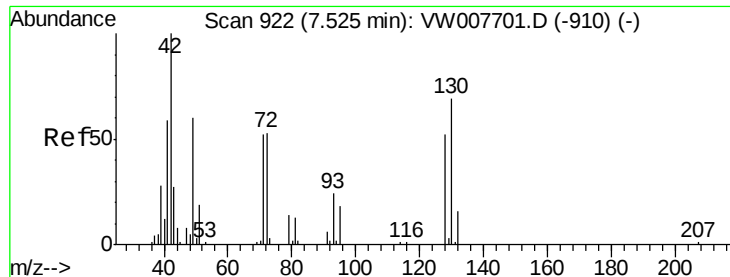


#28

Bromochloromethane
Concen: 59.530 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.2
130	97.7	81.5	122.3





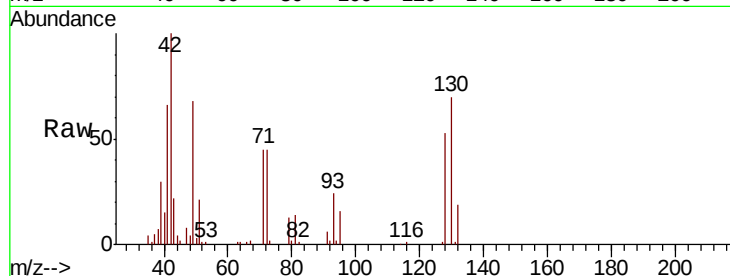
#29
Tetrahydrofuran
Concen: 258.985 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	41.7	62.5
71	46.9	39.0	58.6

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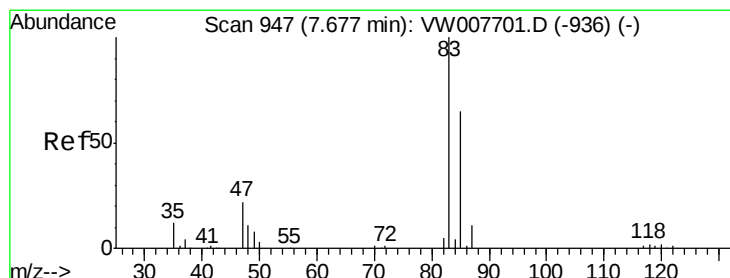
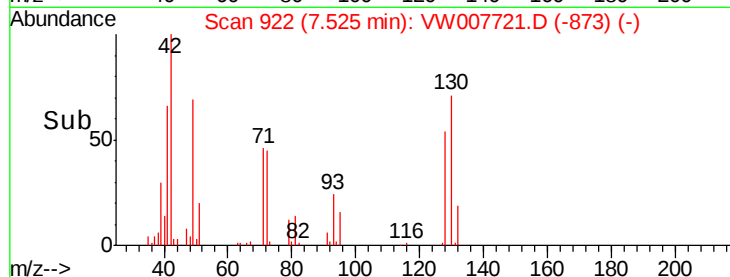
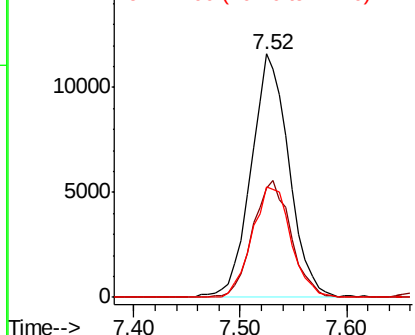


Abundance

Ion 42.00 (41.70 to 42.70): VW

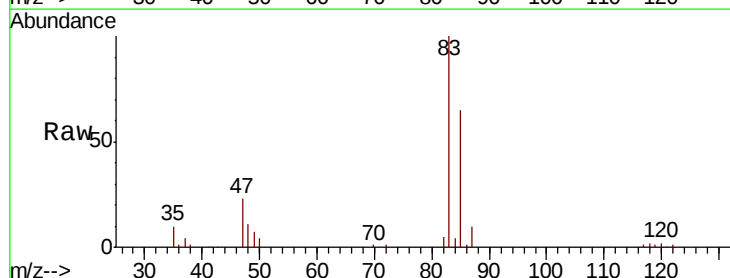
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 49.889 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

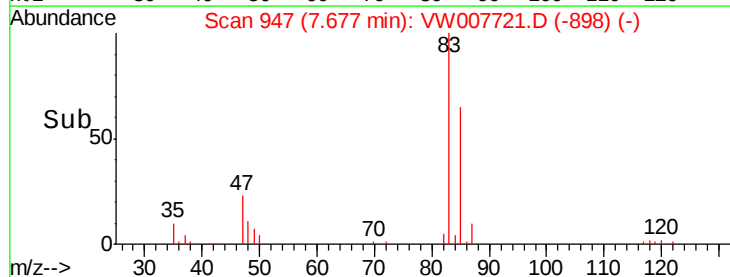
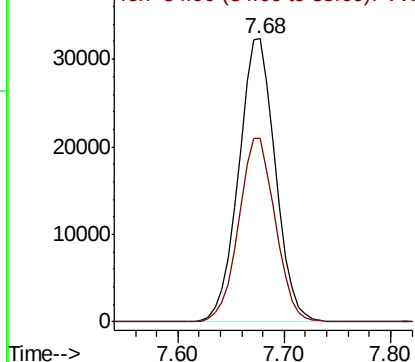
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.2	78.2

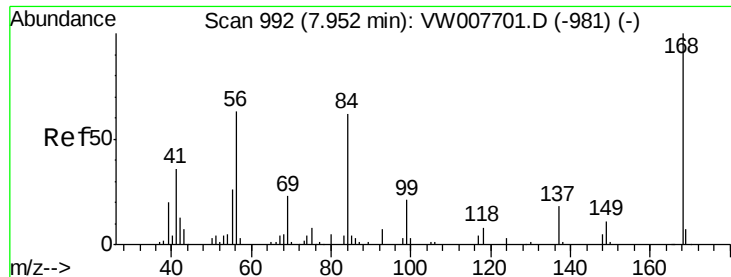


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





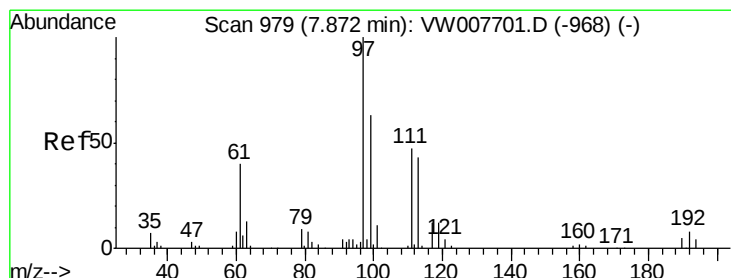
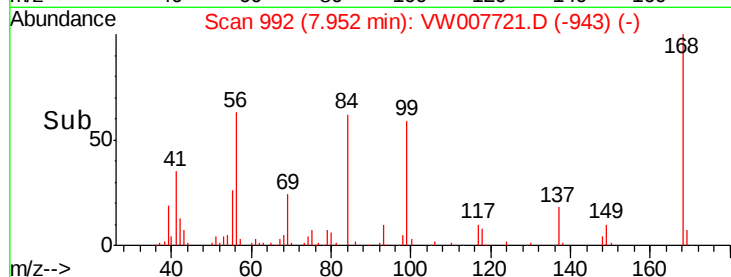
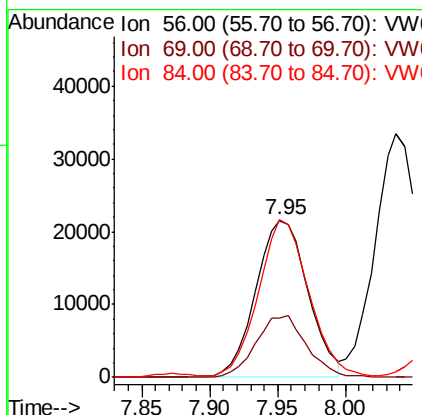
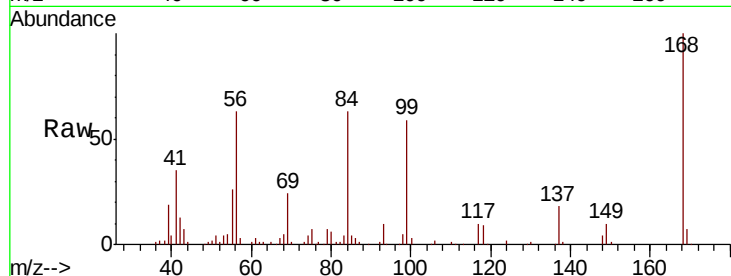
#31
Cyclohexane
Concen: 45.545 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	29.7	44.5
84	99.0	78.9	118.3

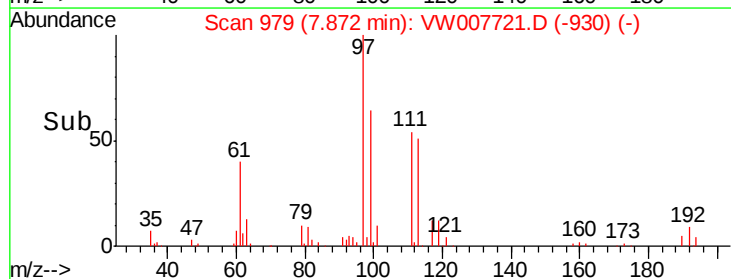
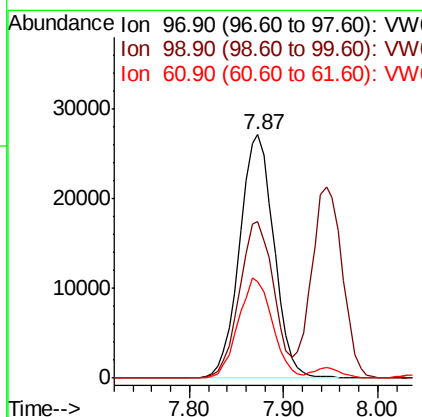
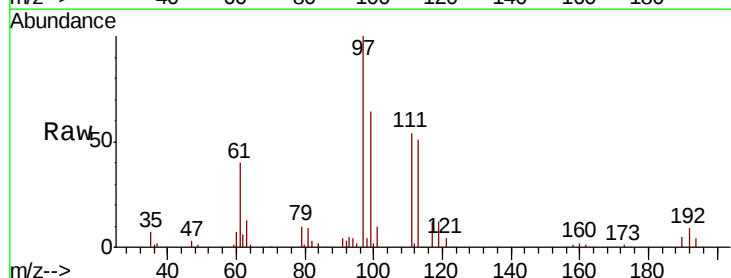
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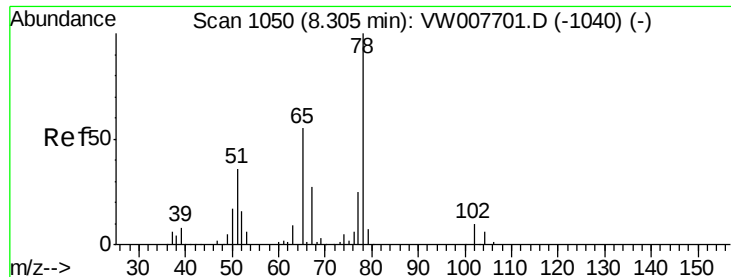
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#32
1,1,1-Trichloroethane
Concen: 48.218 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	76.0
61	40.9	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 52.674 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 44822

Ion Ratio Lower Upper

65 100

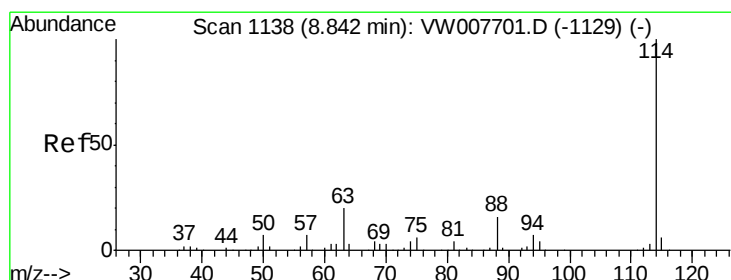
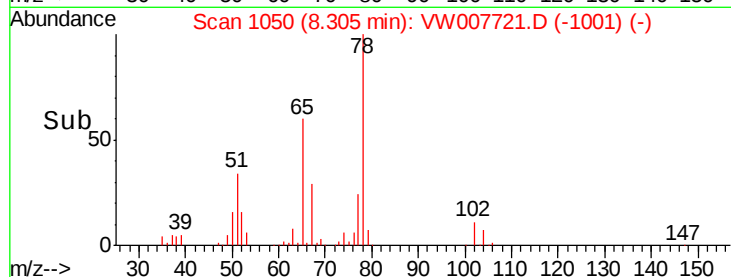
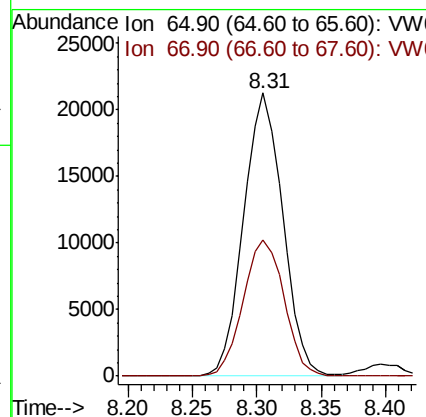
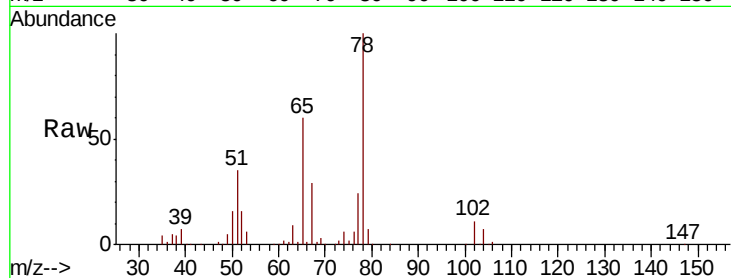
67 50.2 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

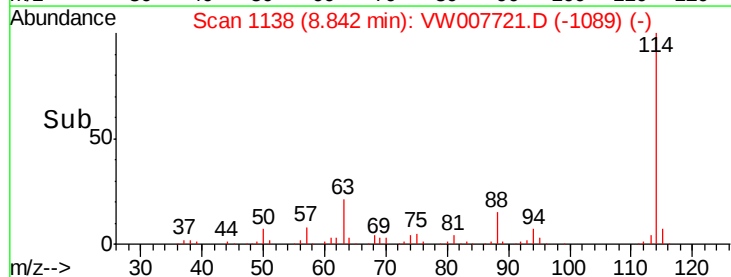
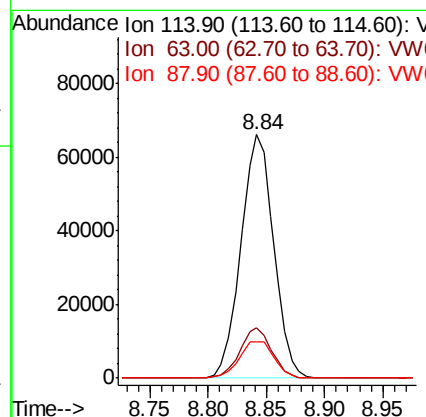
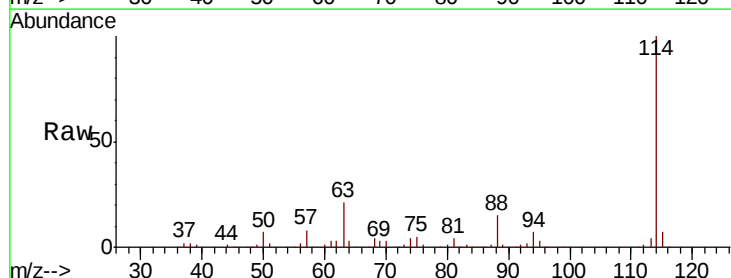
Tgt Ion: 114 Resp: 129764

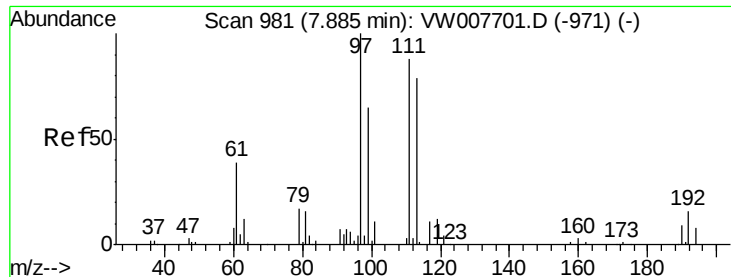
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.1 0.0 32.6





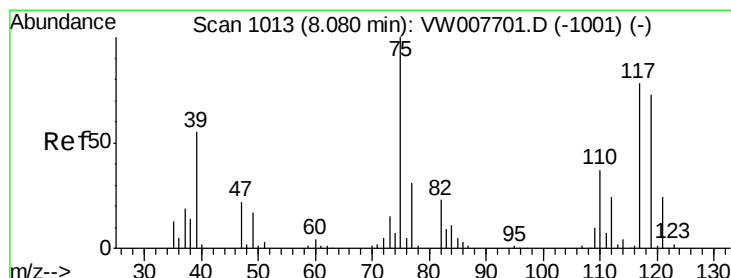
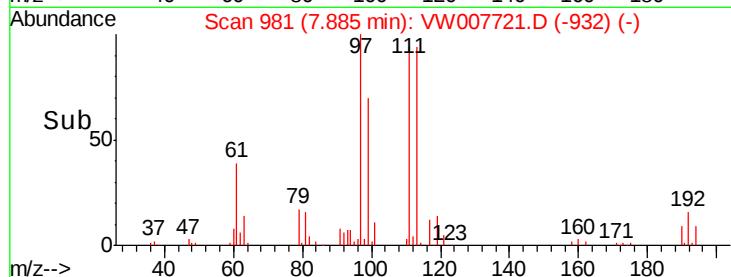
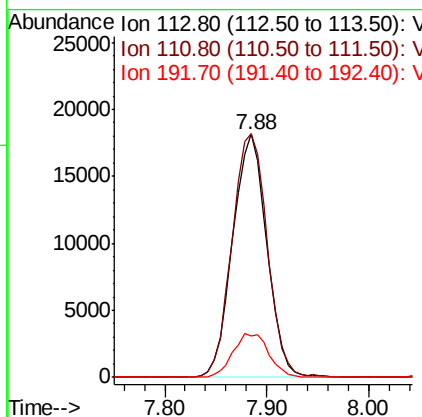
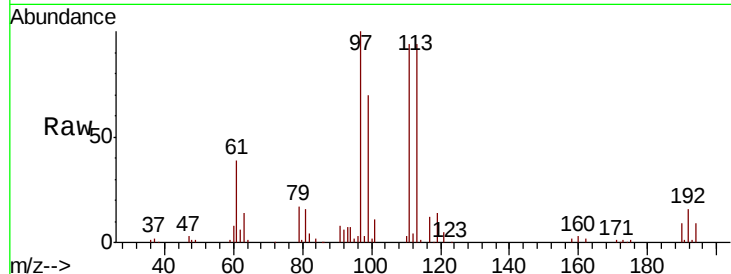
#35
 Dibromofluoromethane
 Concen: 53.124 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	42054		
111	103.5	82.6	124.0	
192	18.7	15.5	23.3	

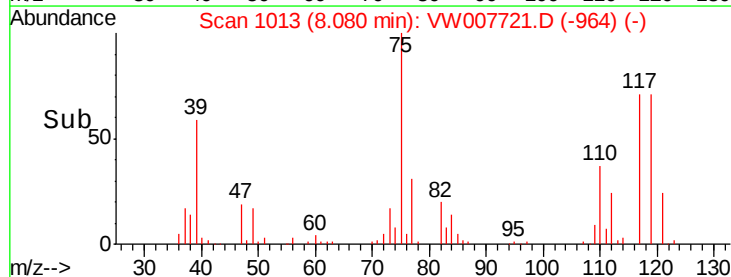
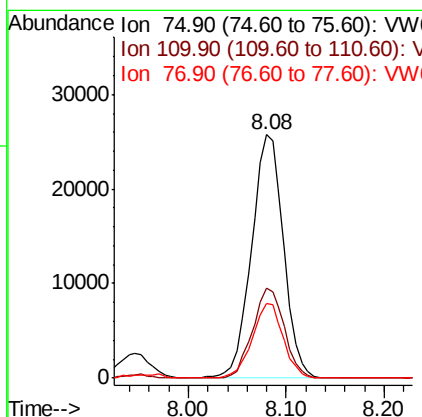
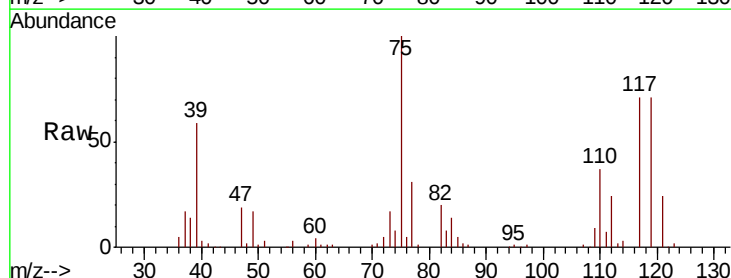
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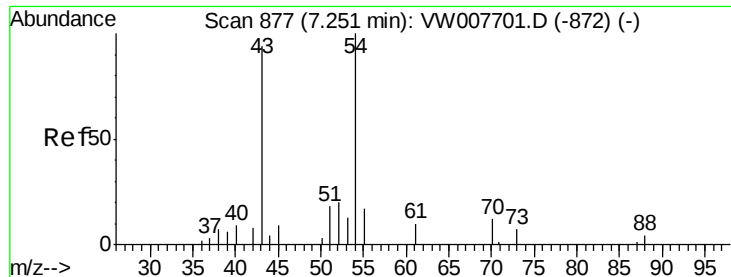
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#36
 1,1-Dichloropropene
 Concen: 46.845 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58671		
110	36.5	18.6	55.8	
77	29.9	25.0	37.4	





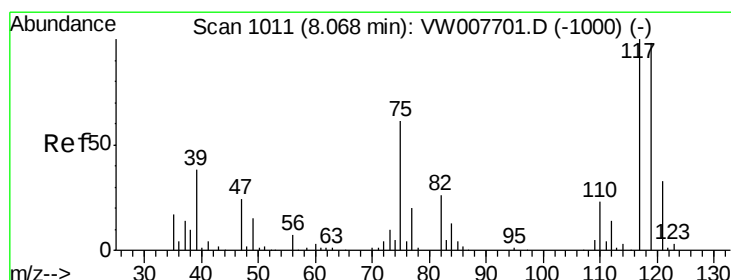
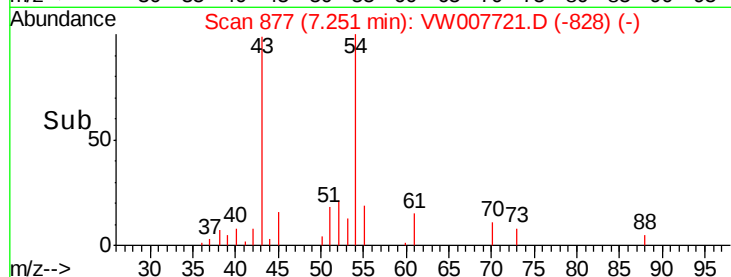
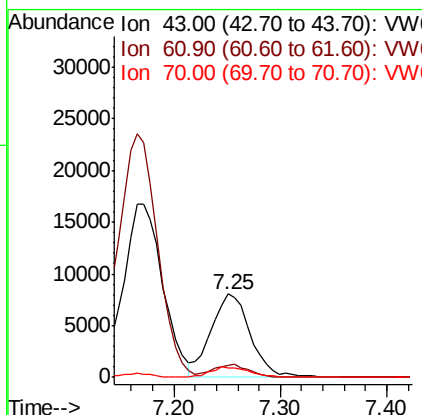
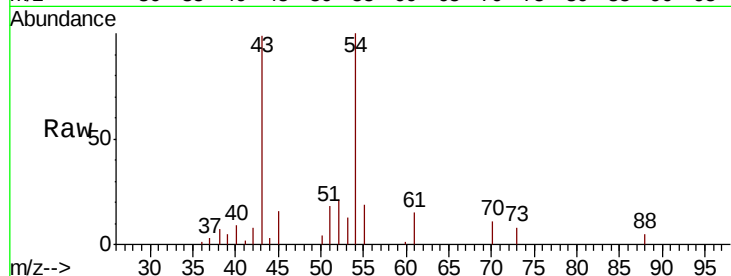
#37
Ethyl Acetate
Concen: 48.175 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.2	16.8
70	12.0	9.3	13.9

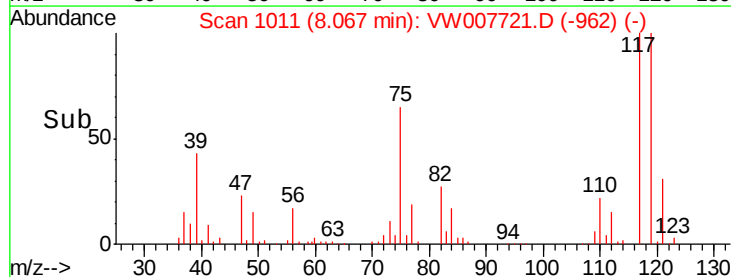
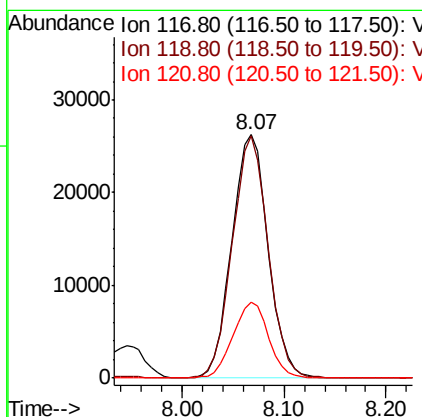
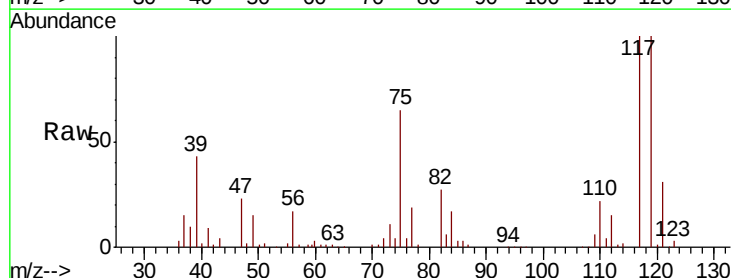
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#38
Carbon Tetrachloride
Concen: 43.919 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	78.2	117.2
121	31.4	26.1	39.1





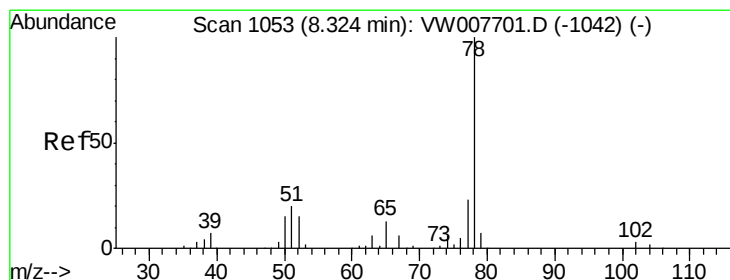
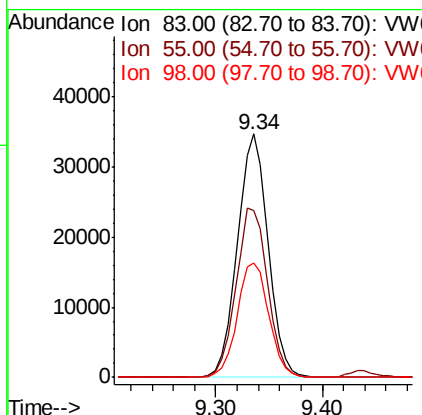
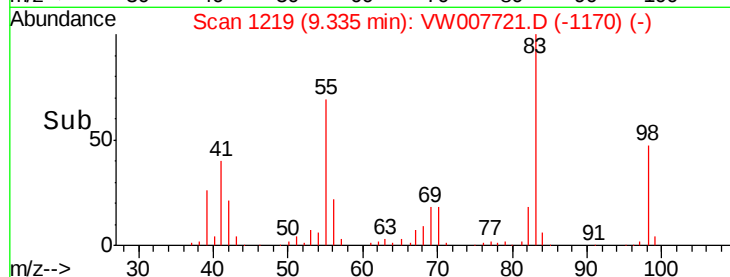
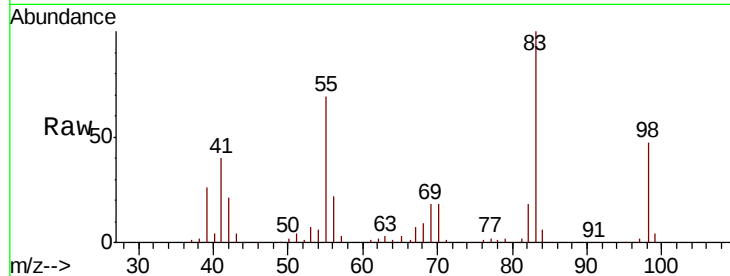
#39
Methvlcvclohexane
Concen: 45.208 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	57.2	85.8
98	47.1	38.6	58.0

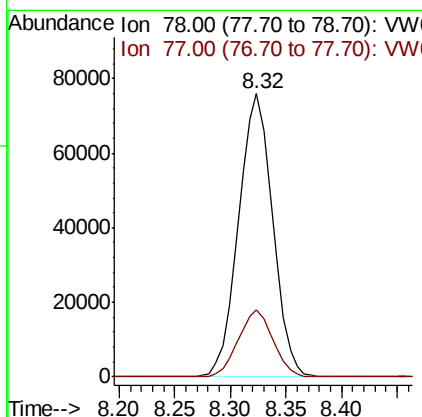
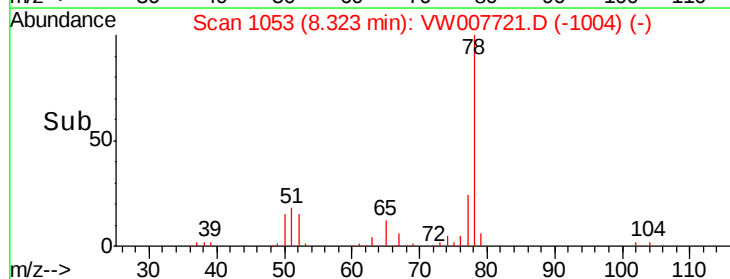
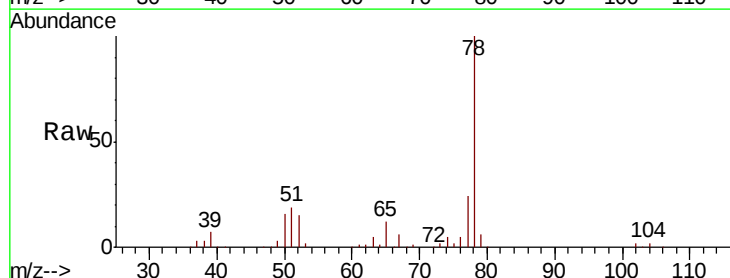
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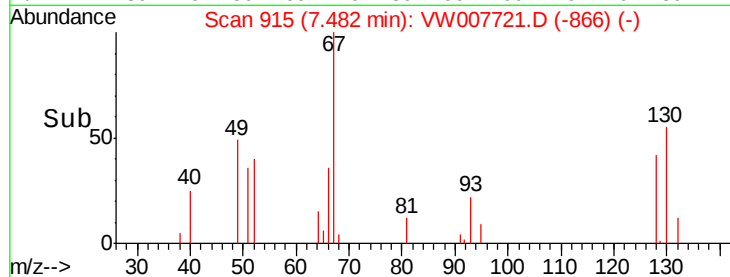
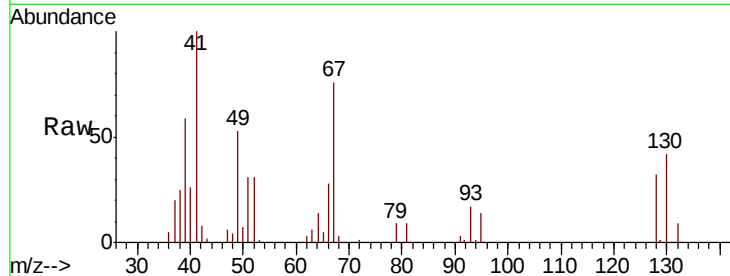
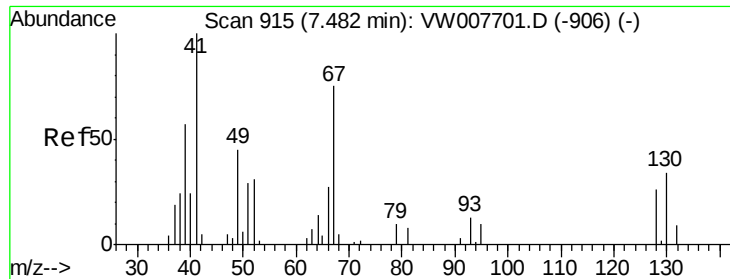
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#40
Benzene
Concen: 48.412 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

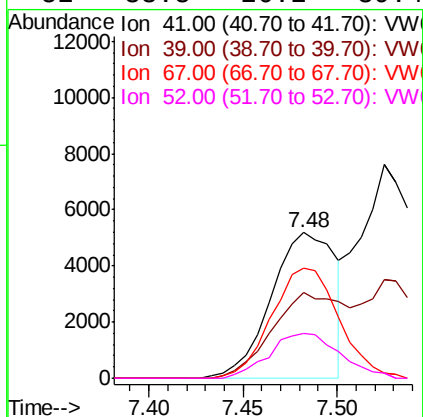
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





#41
Methacrylonitrile
Concen: 50.011 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

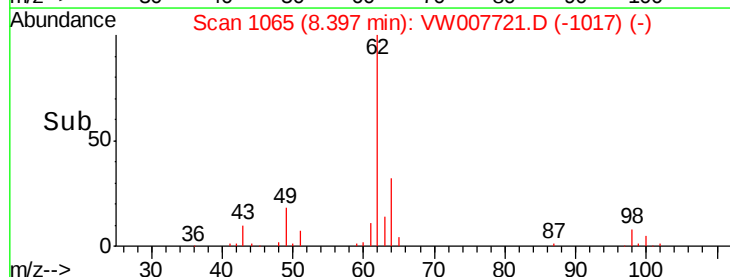
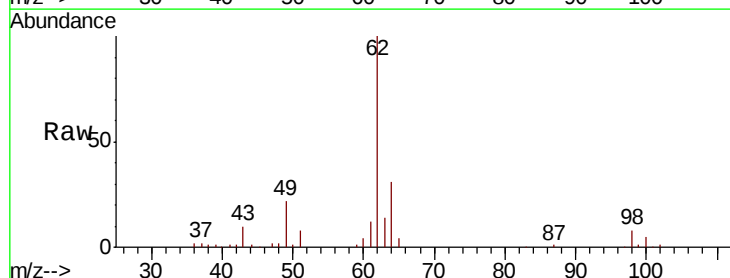
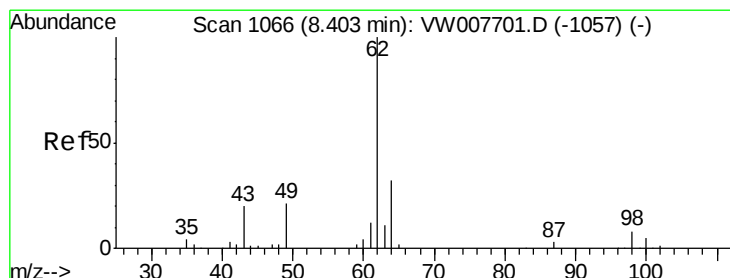
Tot Ion	Ratio	Lower	Upper
41	100		
39	66.3	54.2	81.4
67	79.1	65.7	98.5
52	33.8	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

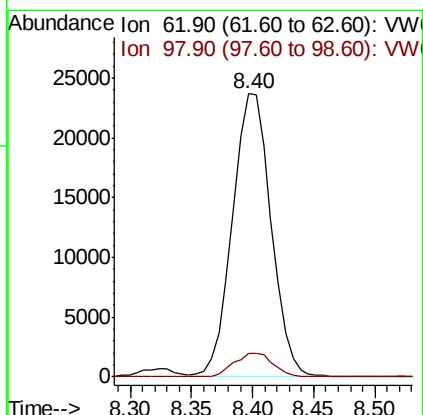
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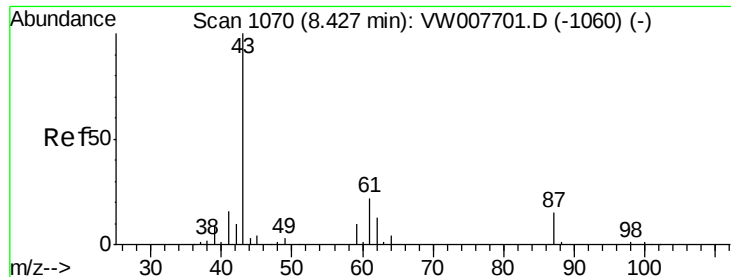
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#42
1,2-Dichloroethane
Concen: 46.385 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.545 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

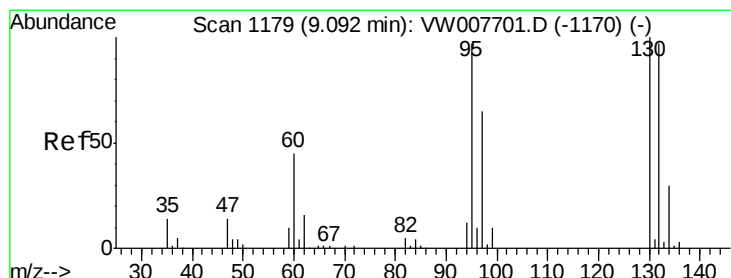
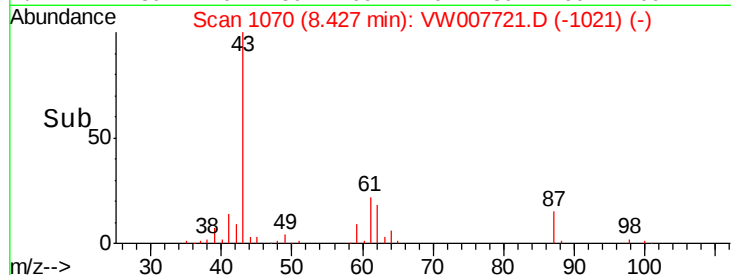
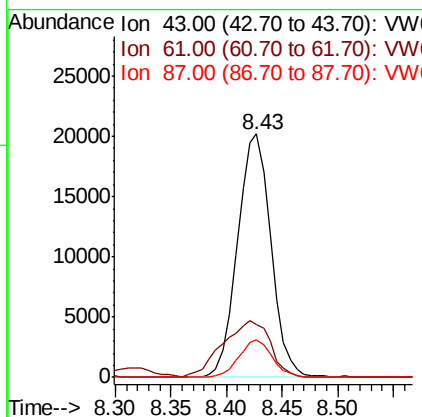
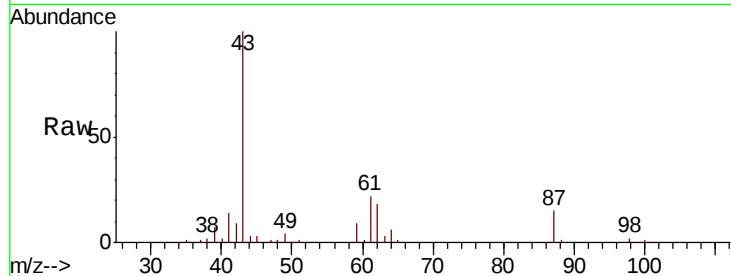
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	42039
Ion	Ratio	Lower	Upper
43	100		
61	33.0	26.3	39.5
87	15.2	12.0	18.0

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#44

Trichloroethene

Concen: 46.970 ug/l

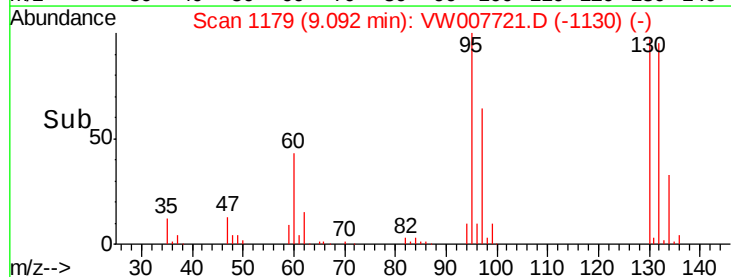
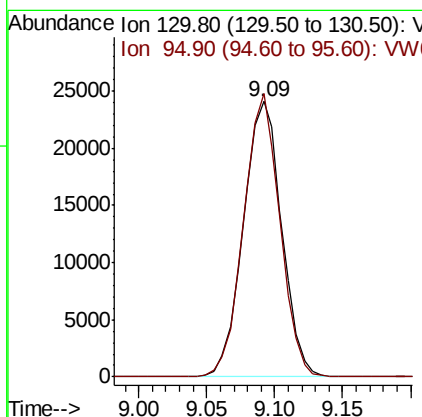
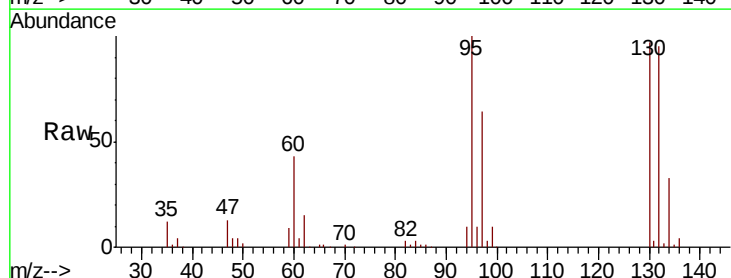
RT: 9.09 min Scan# 1179

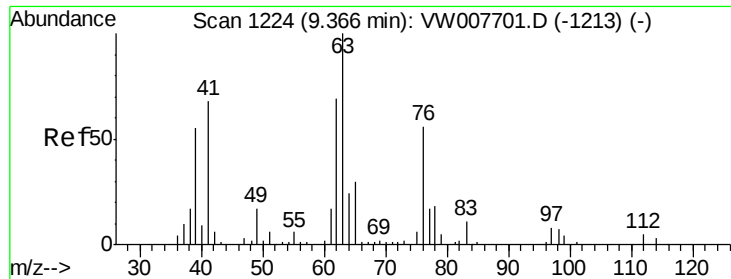
Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	130	Resp:	47473
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	194.8





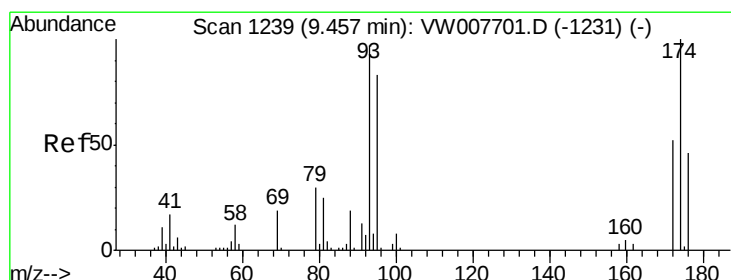
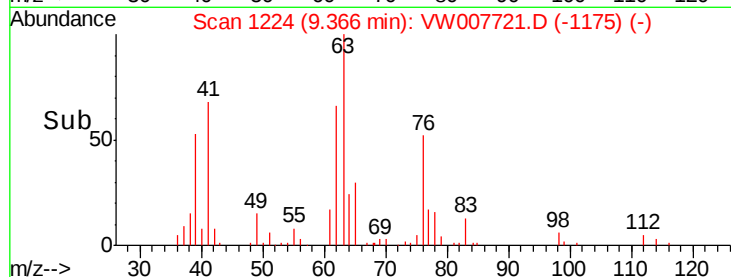
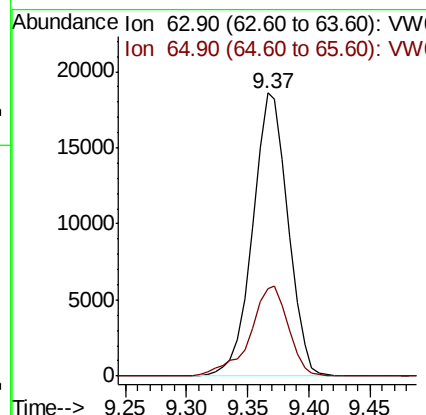
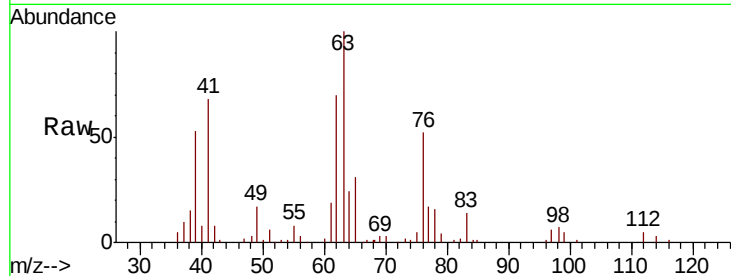
#45
 1,2-Dichloropropane
 Concen: 50.355 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 37343
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.8 35.8

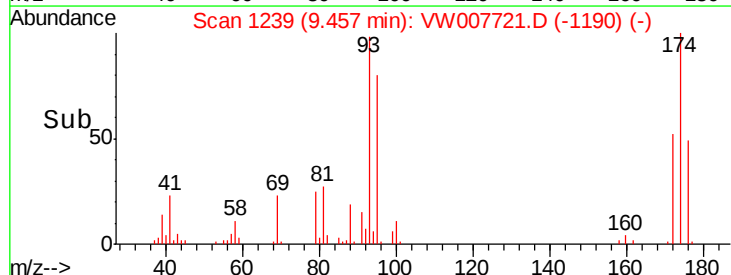
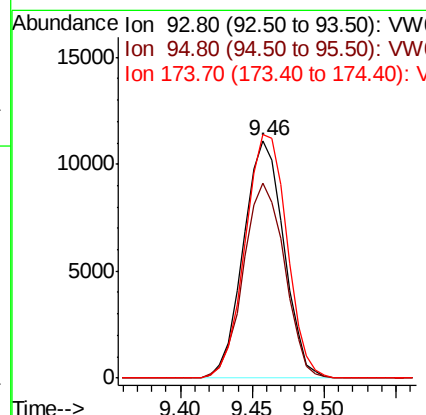
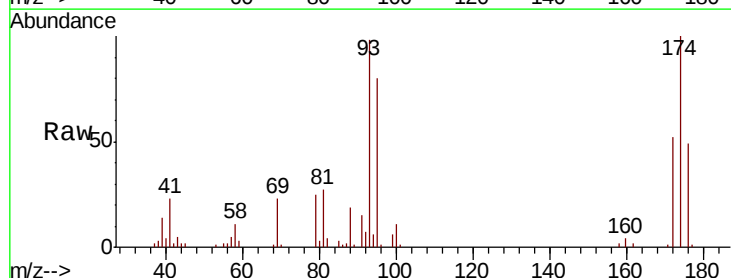
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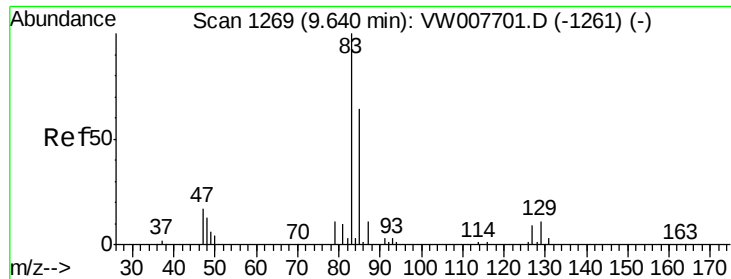
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#46
 Dibromomethane
 Concen: 47.305 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion: 93 Resp: 21595
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.5 101.3
 174 105.8 83.9 125.9





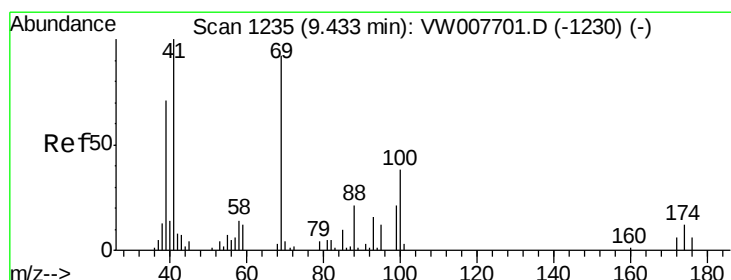
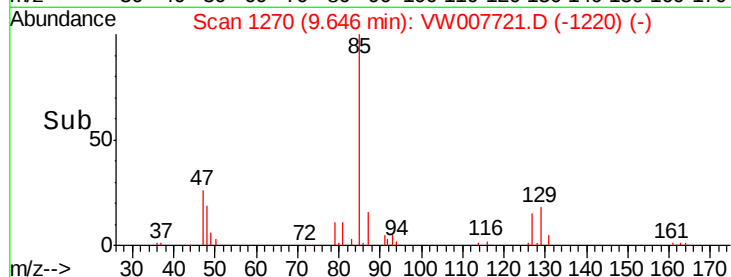
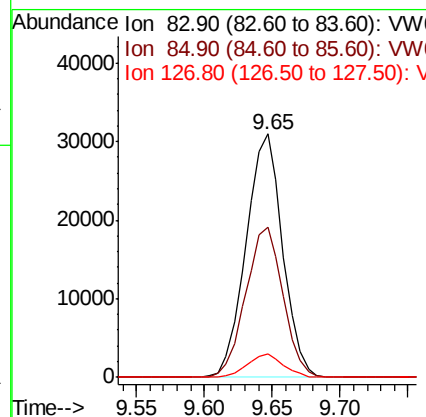
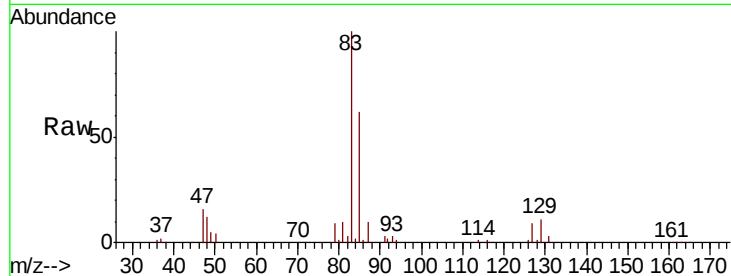
#47
Bromodichloromethane
Concen: 48.422 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	58112		
85	61.8		51.4	77.0
127	9.5		7.5	11.3

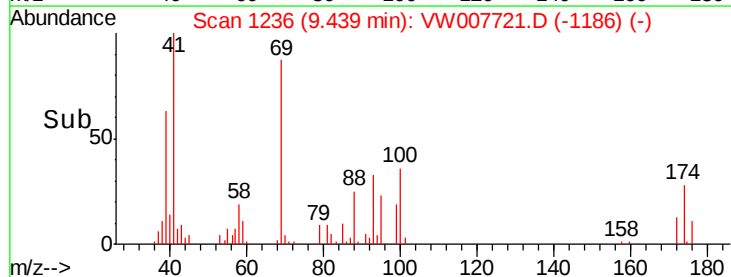
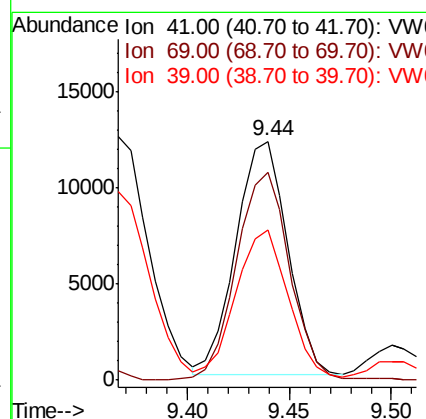
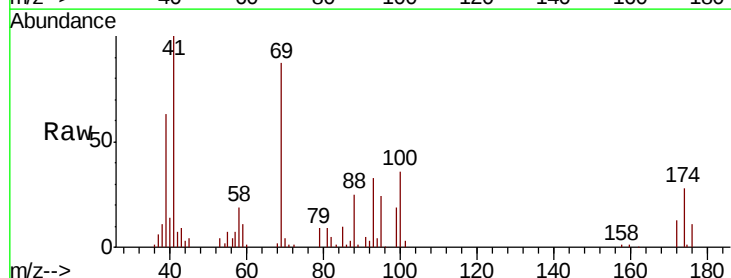
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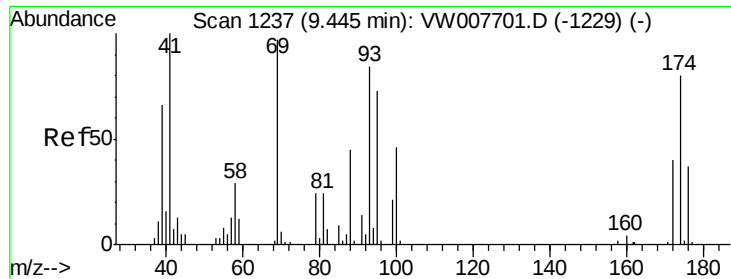
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#48
Methyl methacrylate
Concen: 49.596 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	21438		
69	91.5		74.2	111.2
39	66.2		53.9	80.9





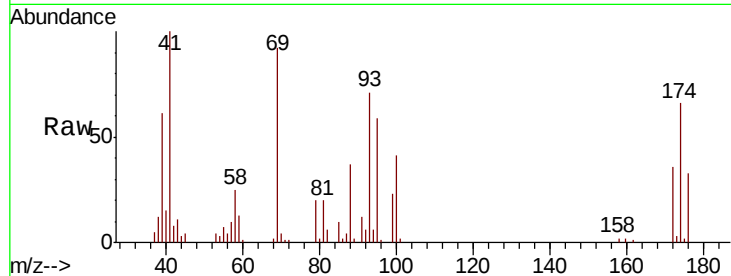
#49
1,4-Dioxane
Concen: 989.822 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.6	38.4
58	68.5	52.3	78.5

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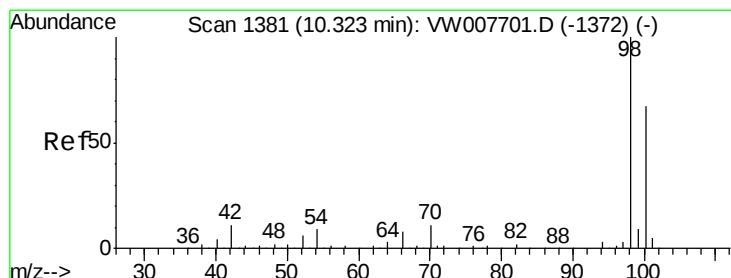
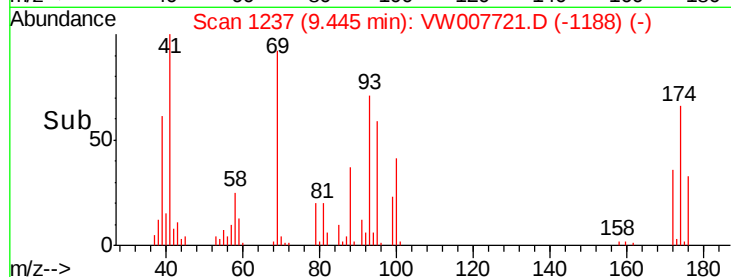
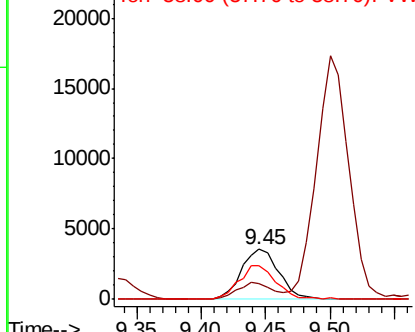


Abundance

Ion 88.00 (87.70 to 88.70): VW

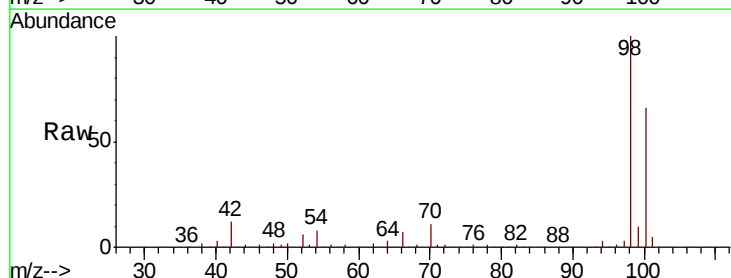
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 54.073 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

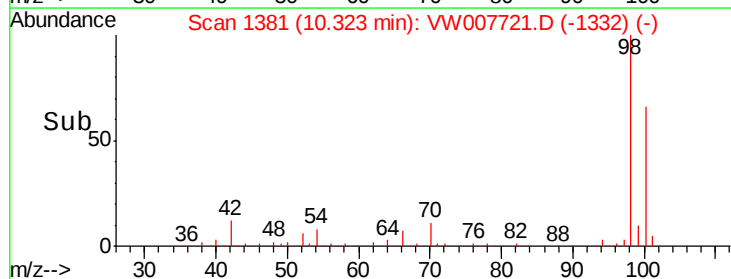
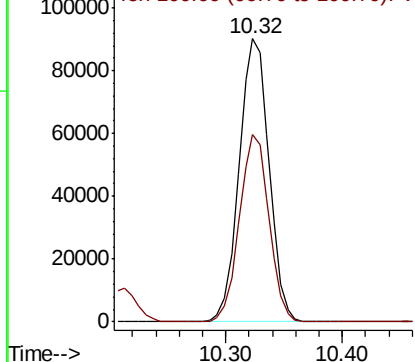
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 241.738 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 98933

Ion Ratio Lower Upper

43 100

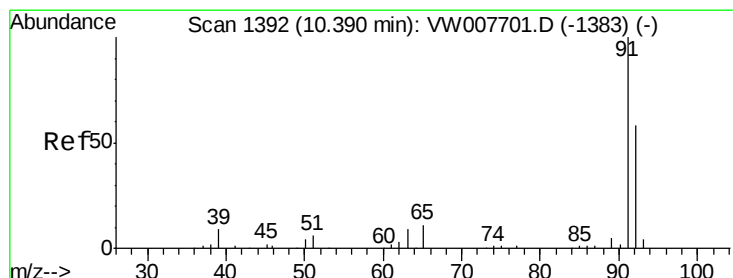
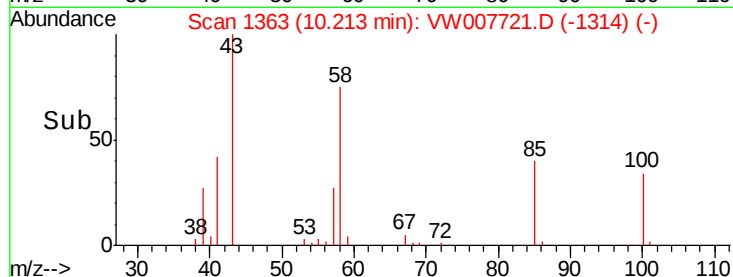
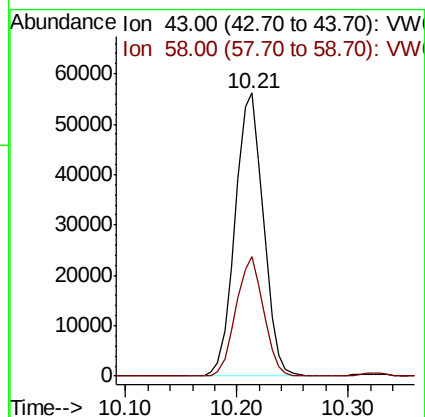
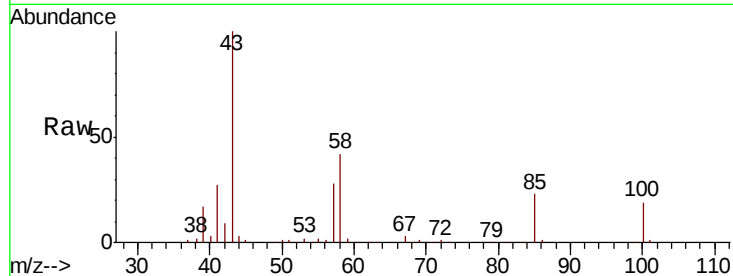
58 41.1 33.2 49.8

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#52

Toluene

Concen: 48.735 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007721.D

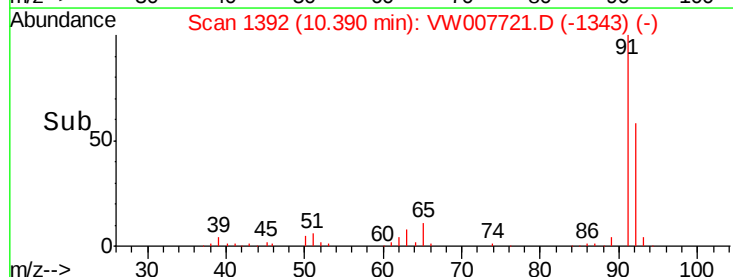
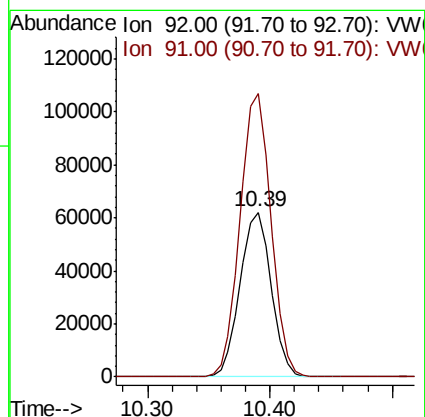
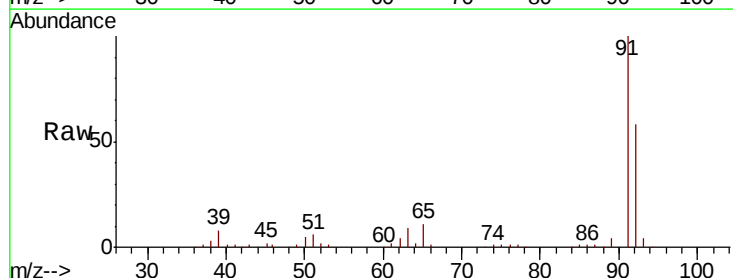
Acq: 20 Dec 2018 02:30

Tgt Ion: 92 Resp: 109281

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4





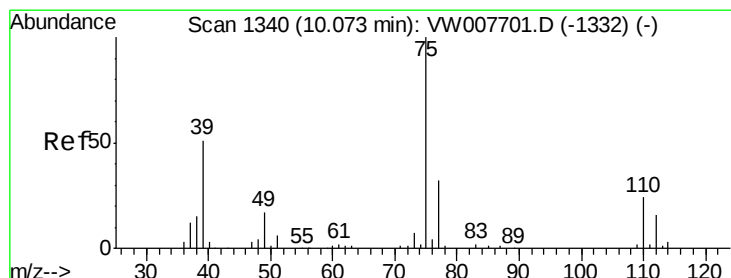
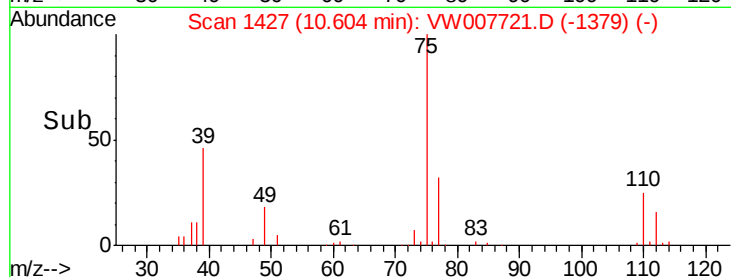
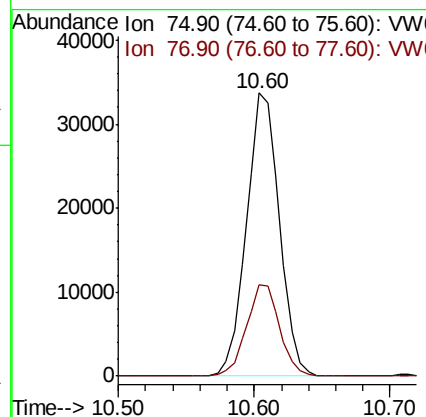
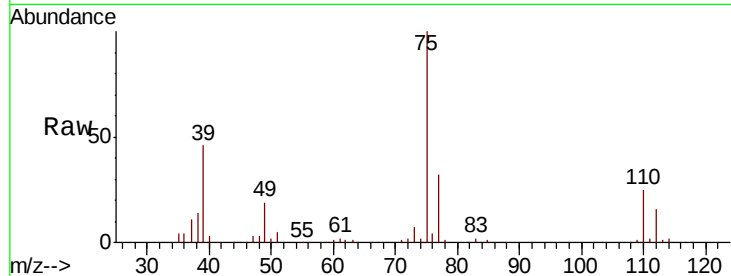
#53
t-1,3-Dichloropropene
Concen: 47.719 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 56963
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8

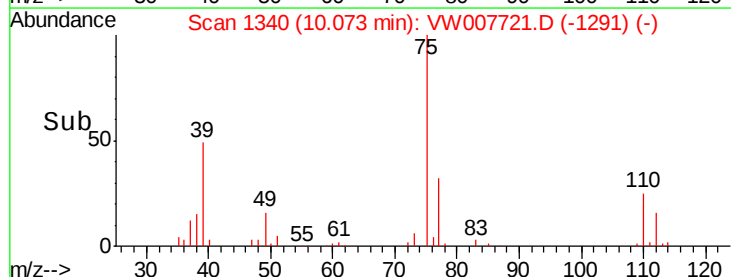
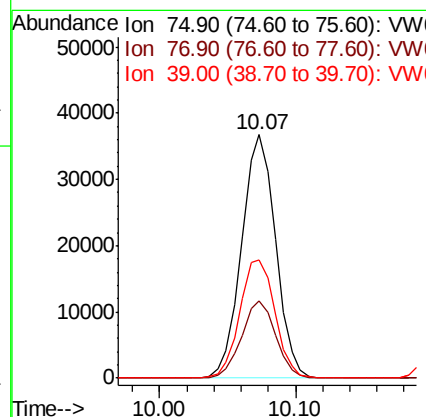
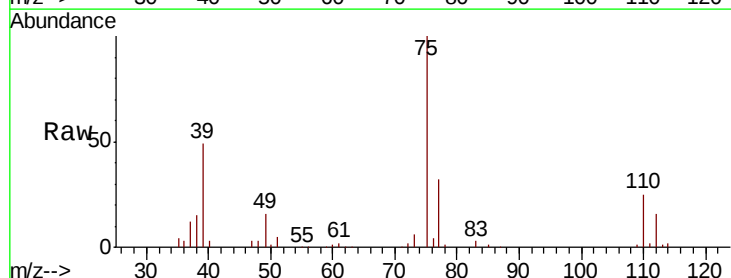
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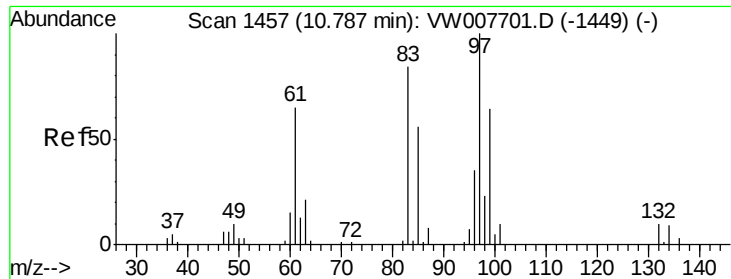
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#54
cis-1,3-Dichloropropene
Concen: 48.747 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion: 75 Resp: 64275
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 48.7 41.2 61.8





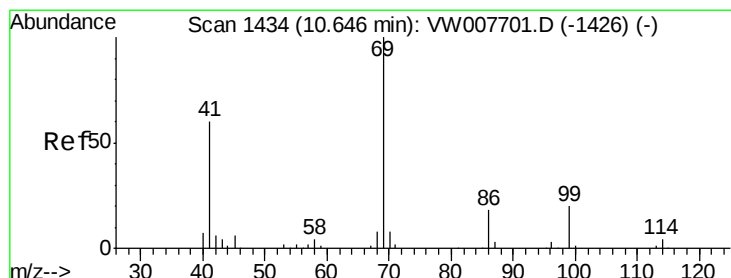
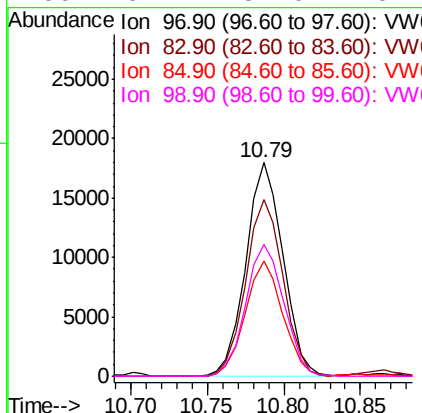
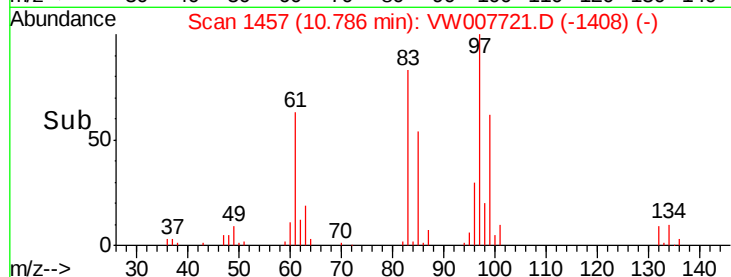
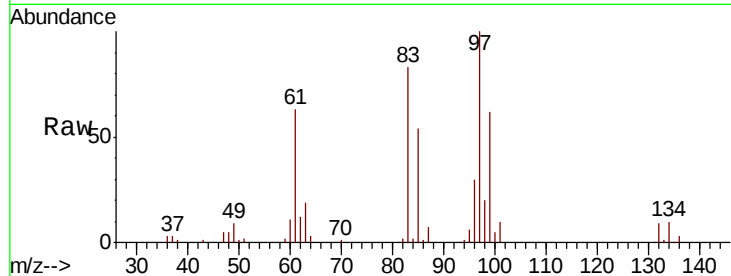
#55
 1,1,2-Trichloroethane
 Concen: 48.297 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	30395
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.5	101.3
85	53.8	44.8	67.2
99	61.7	51.0	76.4

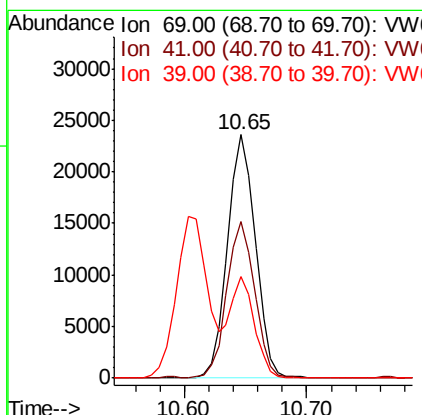
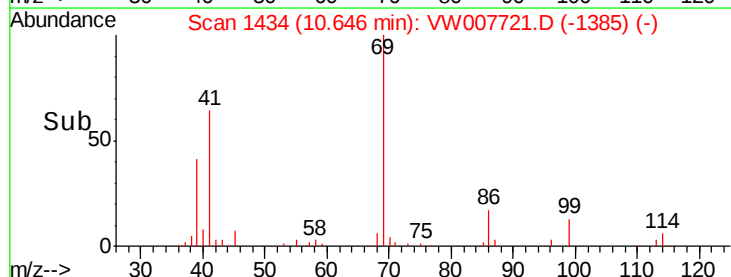
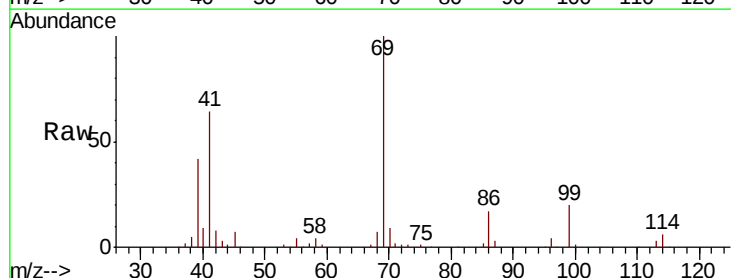
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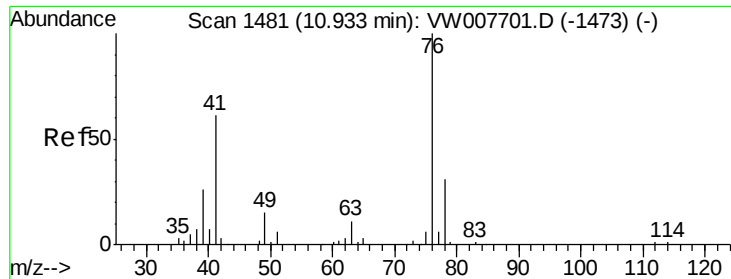
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#56
 Ethyl methacrylate
 Concen: 49.957 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion:	69	Resp:	37146
Ion	Ratio	Lower	Upper
69	100		
41	64.7	48.9	73.3
39	37.9	31.3	46.9





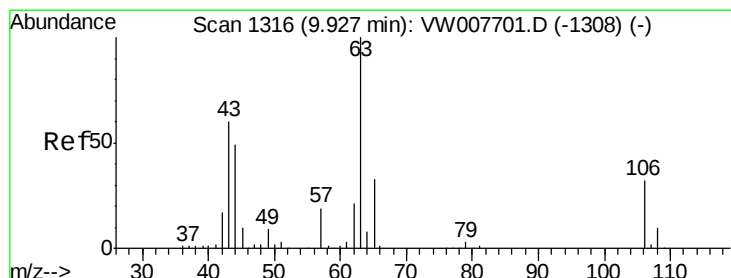
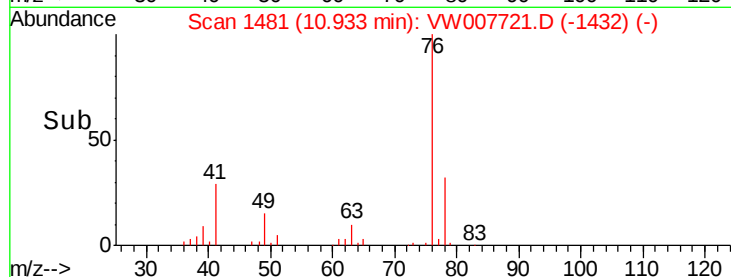
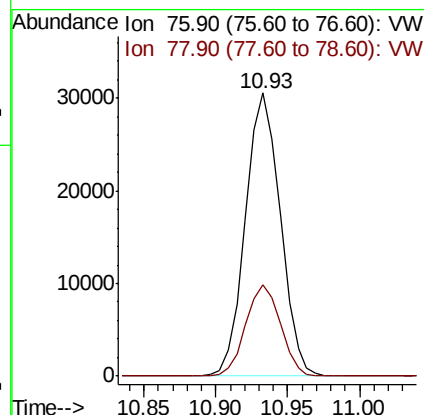
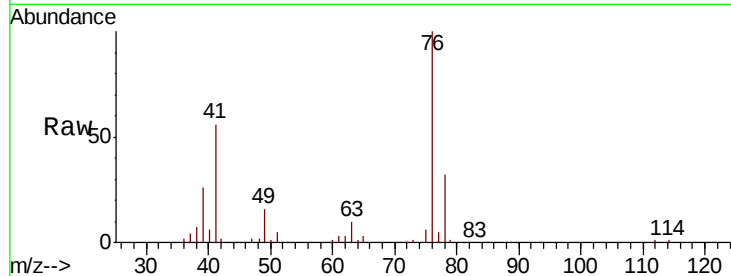
#57
 1,3-Dichloropropane
 Concen: 49.105 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 51316
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2

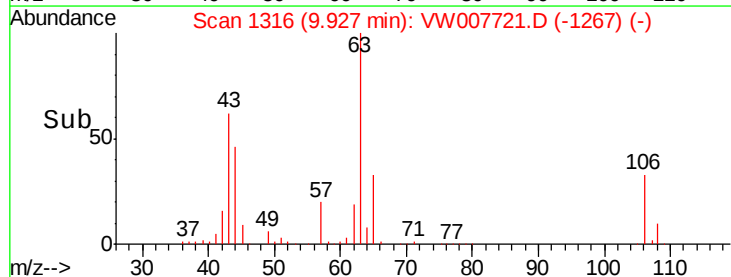
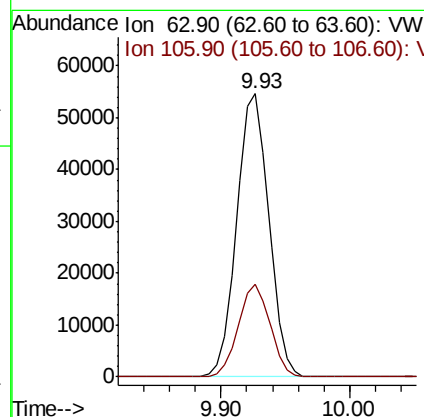
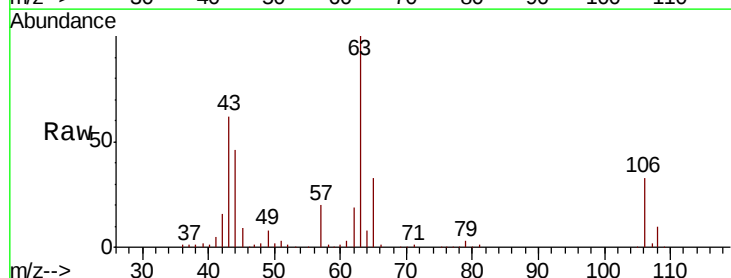
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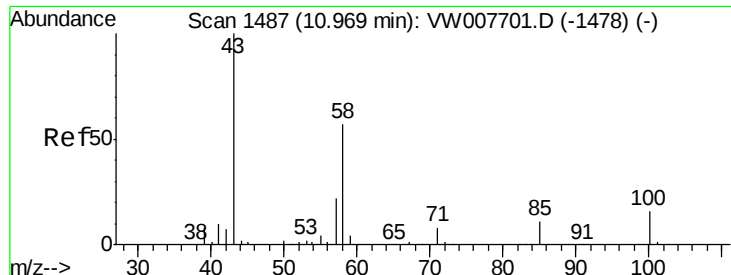
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#58
 2-Chloroethyl Vinyl ether
 Concen: 279.273 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion: 63 Resp: 94810
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.9 38.9





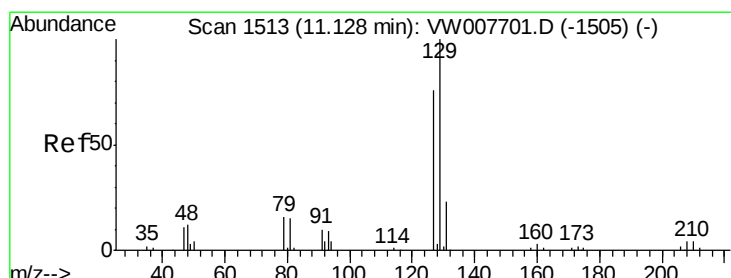
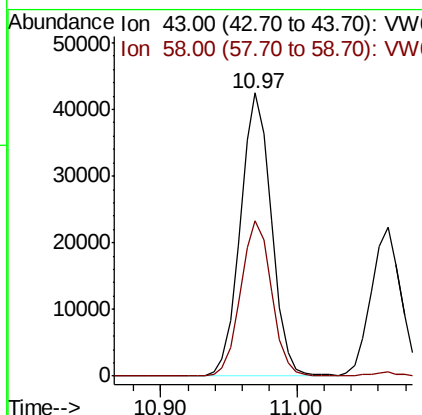
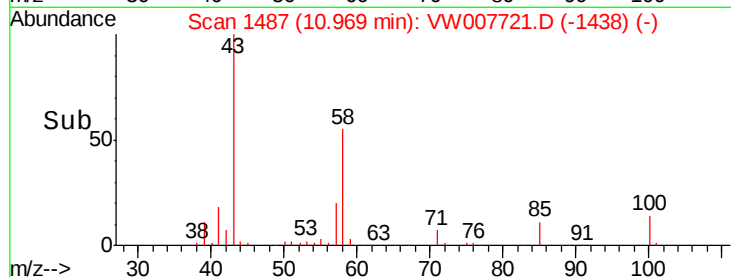
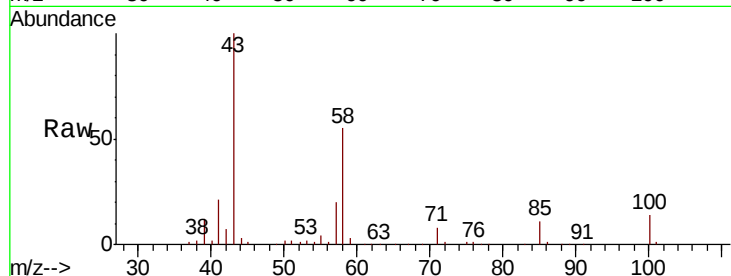
#59
2-Hexanone
Concen: 235.337 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 67734
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

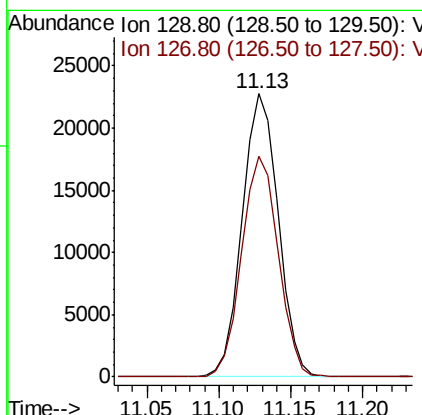
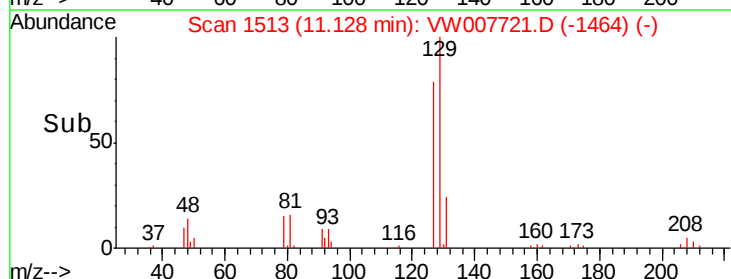
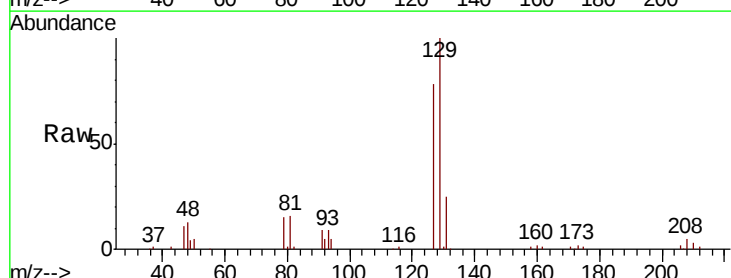
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#60
Dibromochloromethane
Concen: 47.302 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion: 129 Resp: 39416
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.022 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 29967

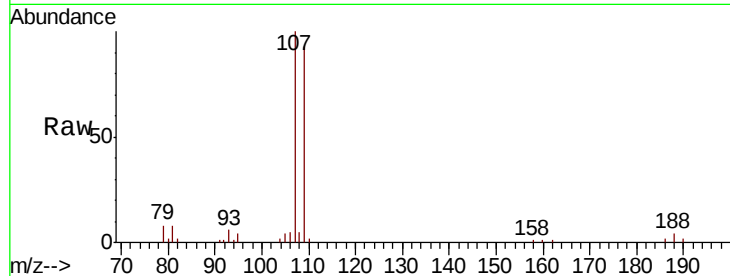
Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

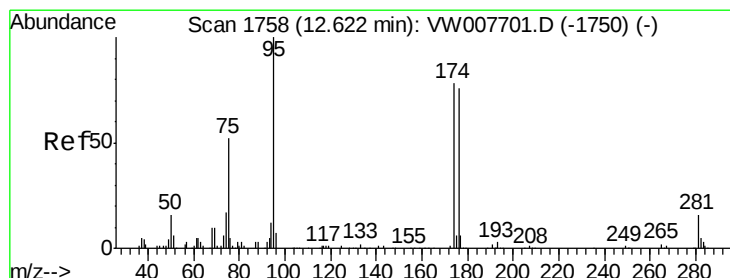
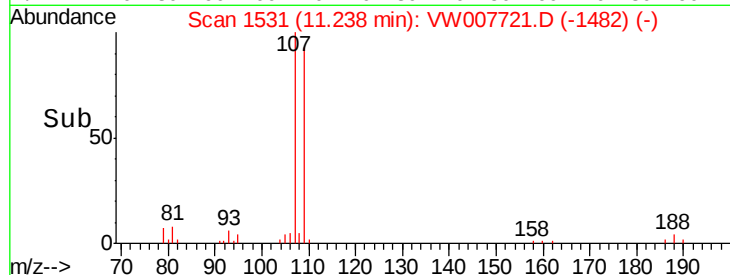
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.448 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

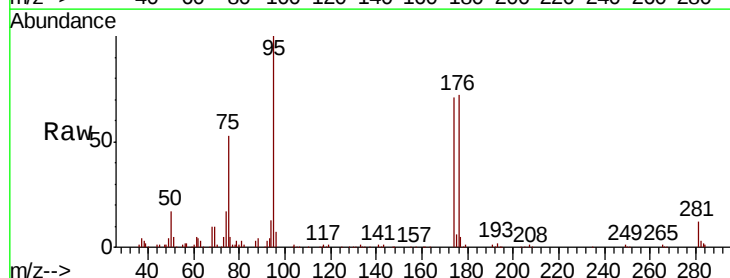
Tgt Ion: 95 Resp: 61621

Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.2

176 73.5 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

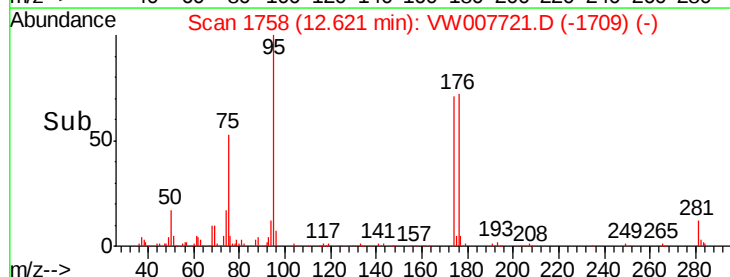
30000

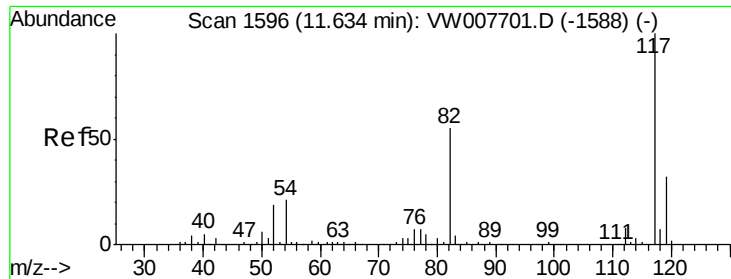
20000

10000

0

Time-->





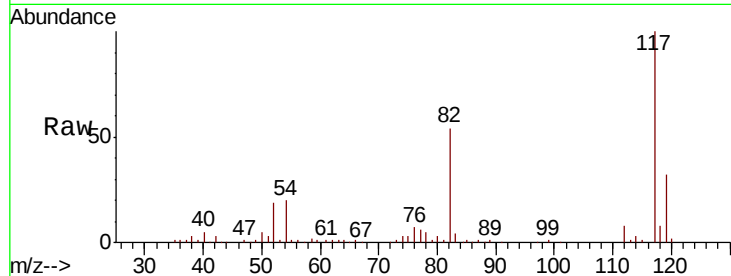
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.3	66.5
119	32.3	25.7	38.5

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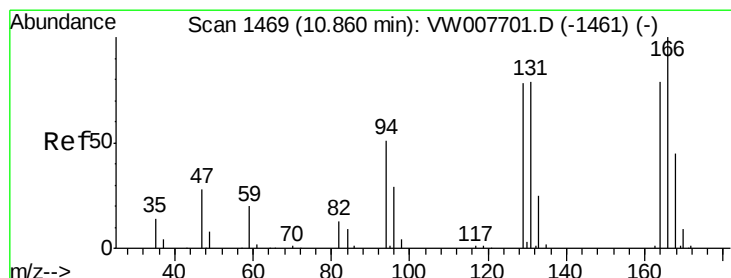
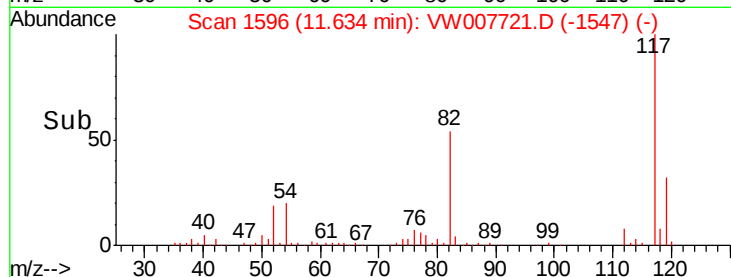
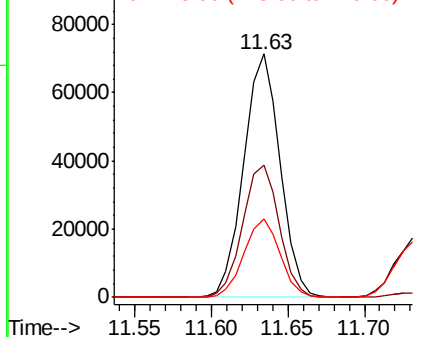


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.381 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.0	151.6
129	100.1	78.7	118.1
131	97.8	79.4	119.0

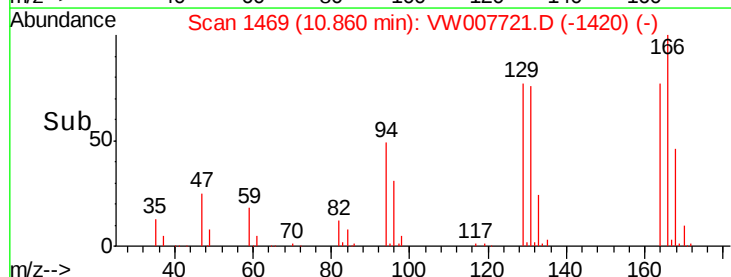
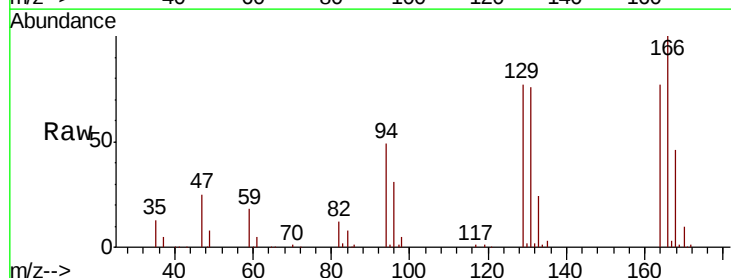
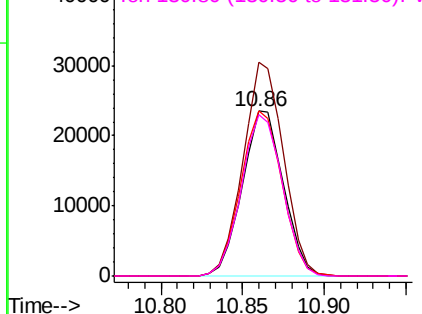
Abundance

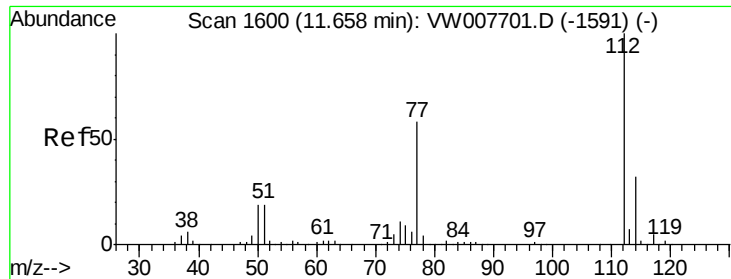
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





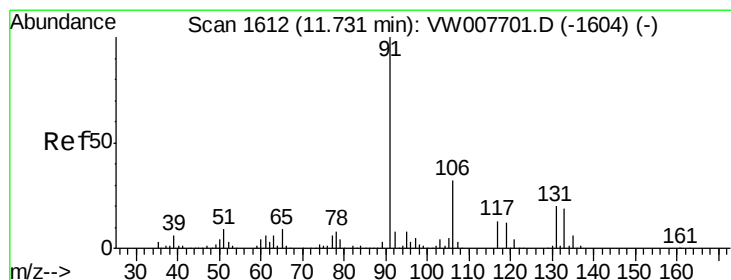
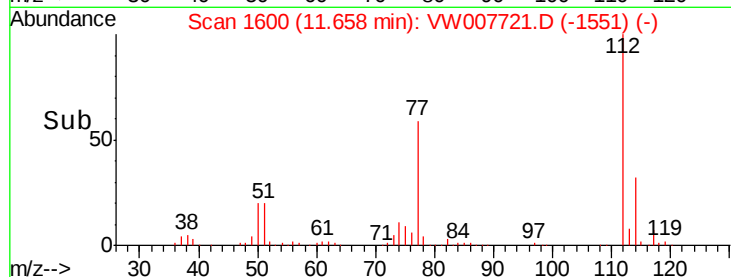
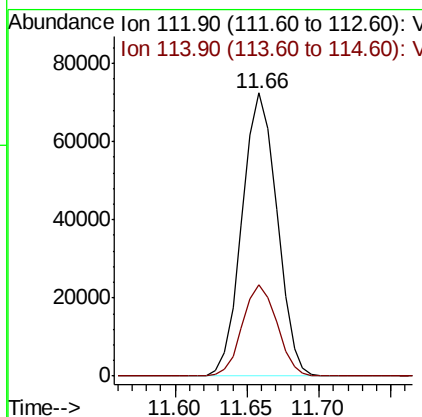
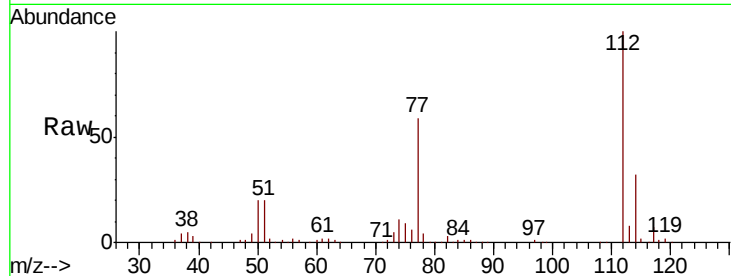
#65
Chlorobenzene
Concen: 47.842 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 122075
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

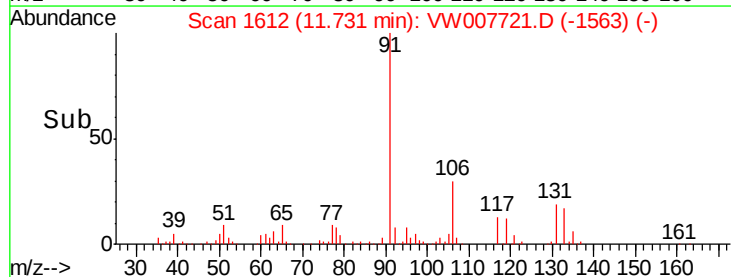
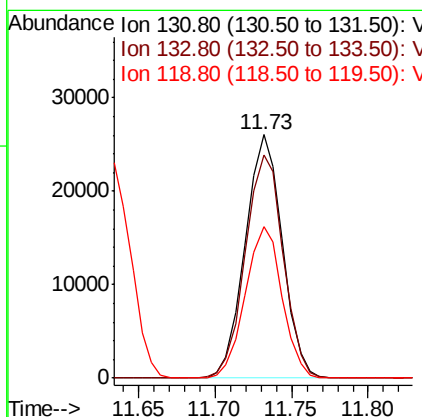
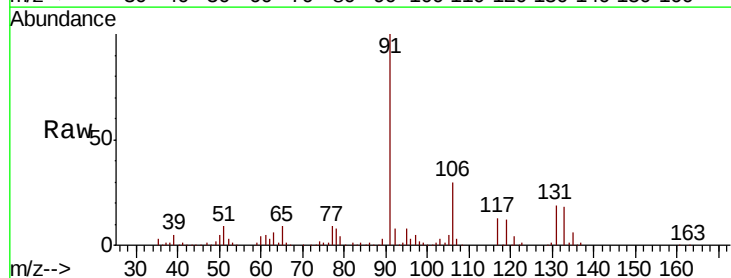
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.192 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion:131 Resp: 43939
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 61.7 30.2 90.6





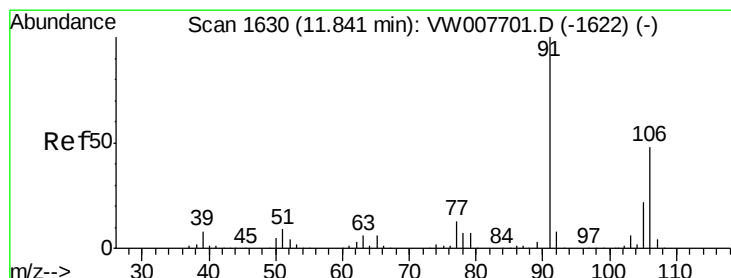
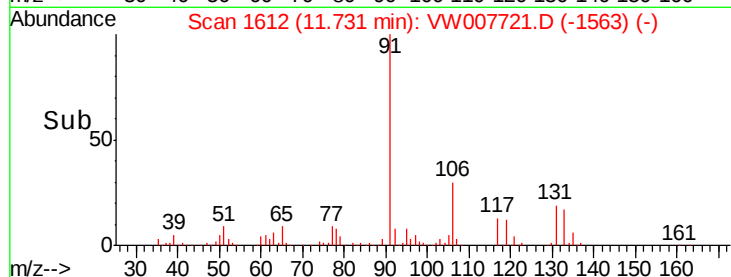
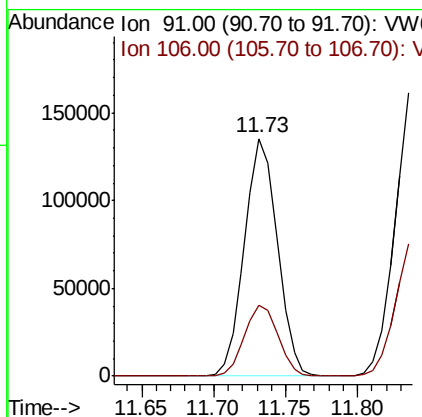
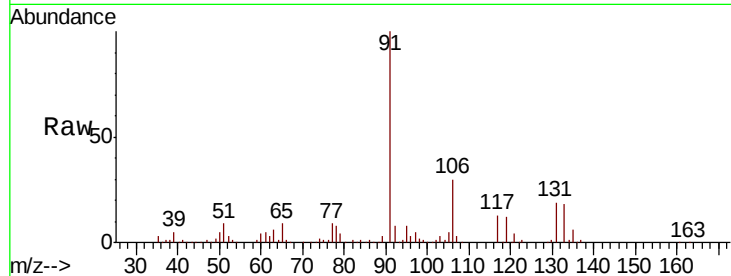
#67
Ethyl Benzene
Concen: 49.032 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 214694
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.8

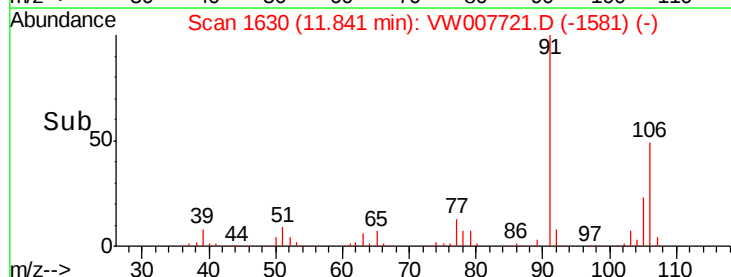
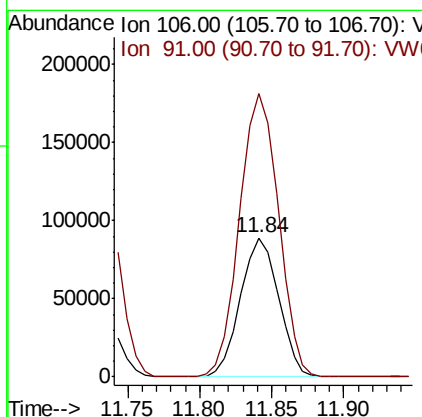
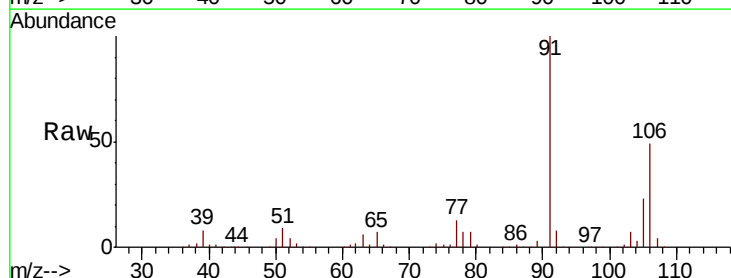
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#68
m/p-Xylenes
Concen: 96.543 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion: 106 Resp: 163980
Ion Ratio Lower Upper
106 100
91 208.3 165.2 247.8





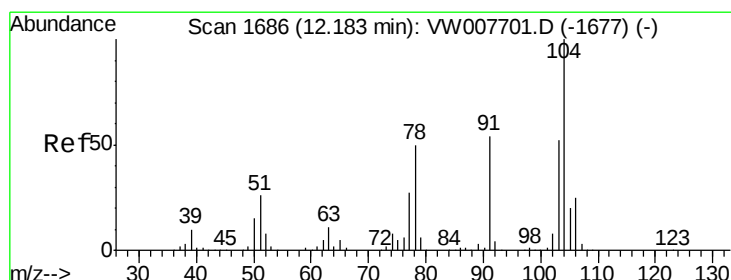
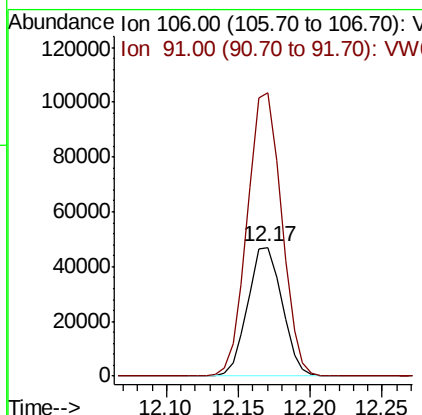
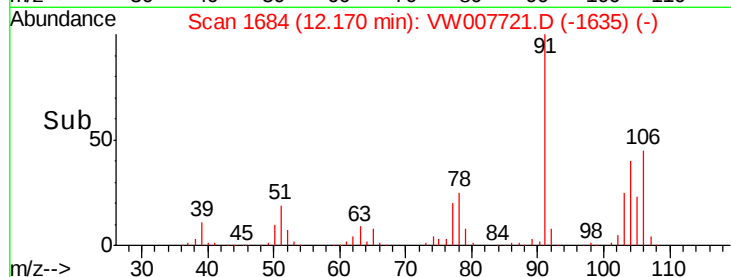
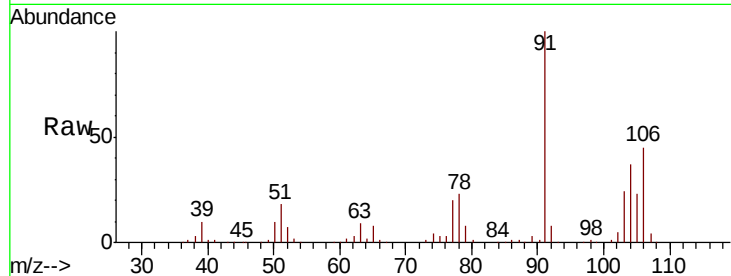
#69
o-Xylene
Concen: 48.898 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 77853
Ion Ratio Lower Upper
106 100
91 219.4 110.5 331.4

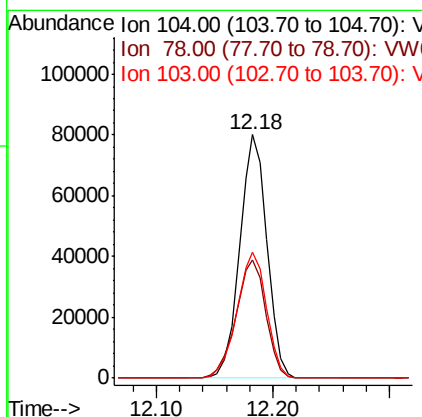
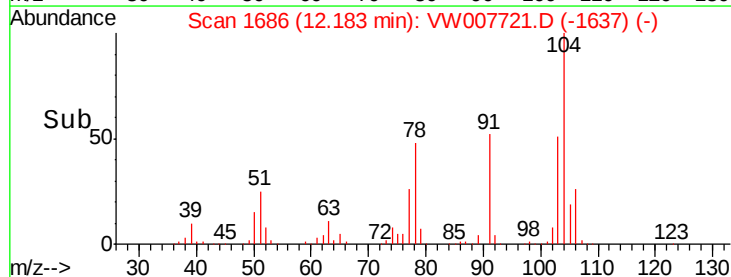
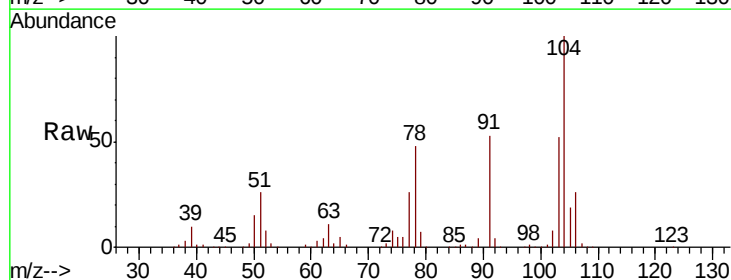
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#70
Styrene
Concen: 49.627 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion:104 Resp: 129883
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.0
103 56.2 44.5 66.7





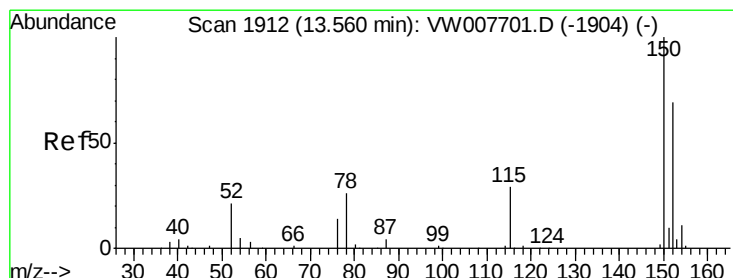
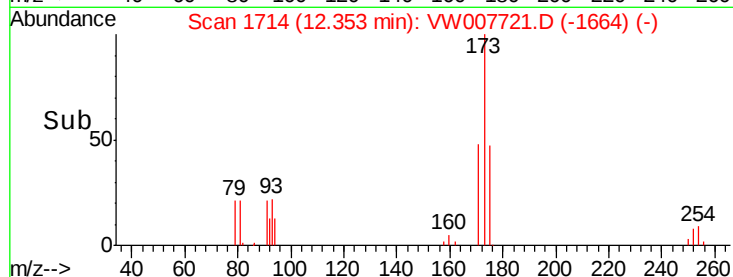
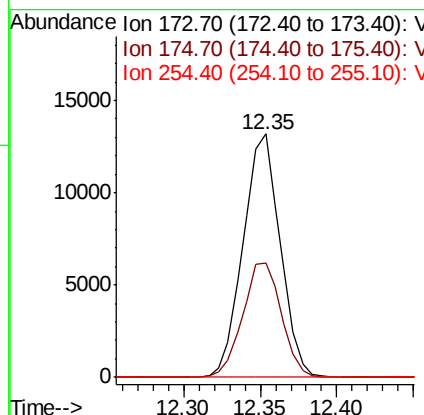
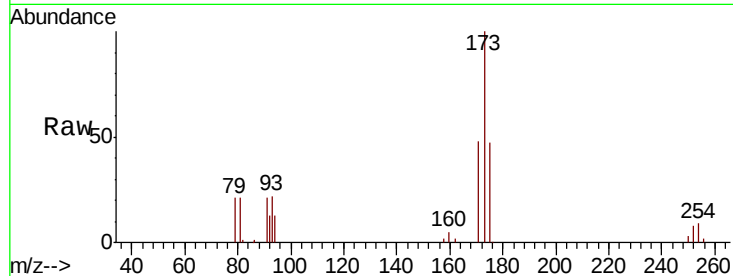
#71
Bromoform
Concen: 46.927 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.7
254	0.0	0.0	0.0

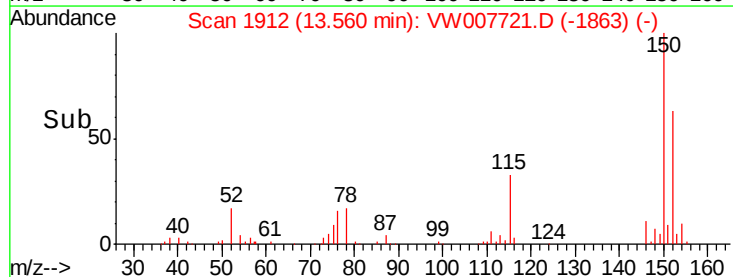
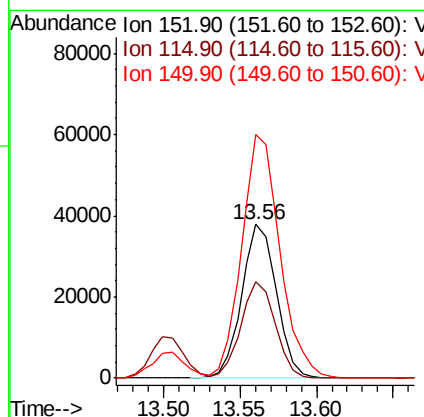
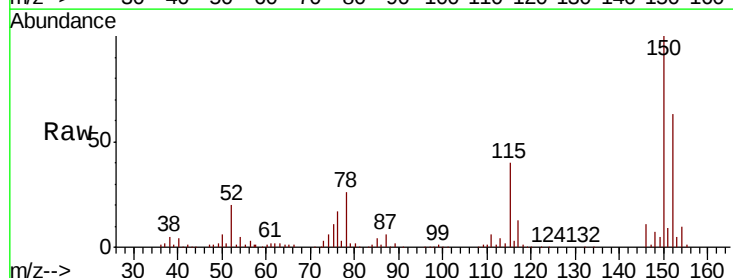
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.8	95.4
150	174.0	0.0	350.8





#73

Isopropylbenzene

Concen: 48.145 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 217189

Ion Ratio Lower Upper

105 100

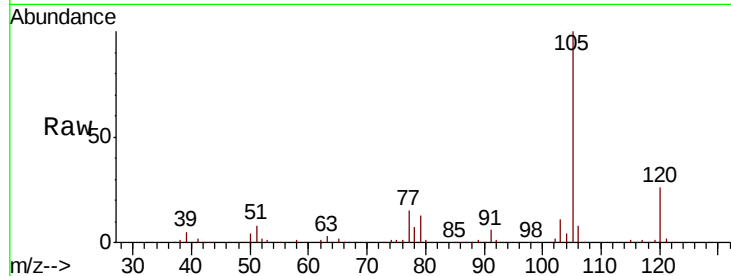
120 26.4 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

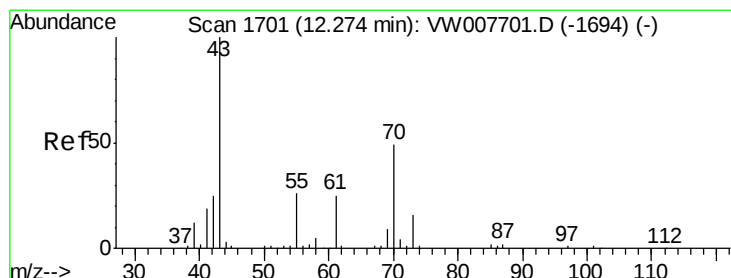
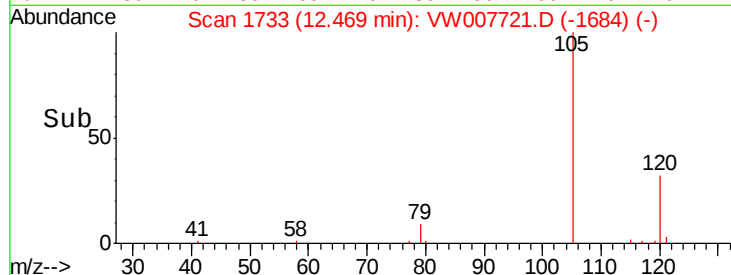
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 49.968 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion: 43 Resp: 39045

Ion Ratio Lower Upper

43 100

70 45.5 37.6 56.4

55 26.0 21.7 32.5

61 25.6 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

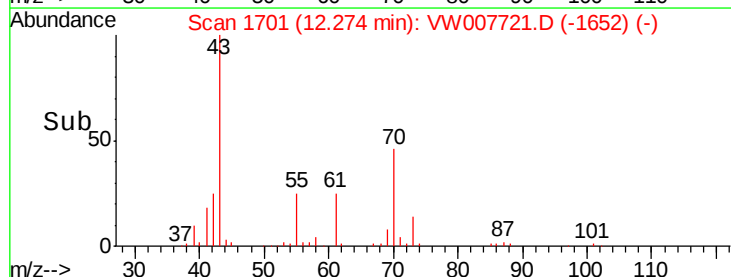
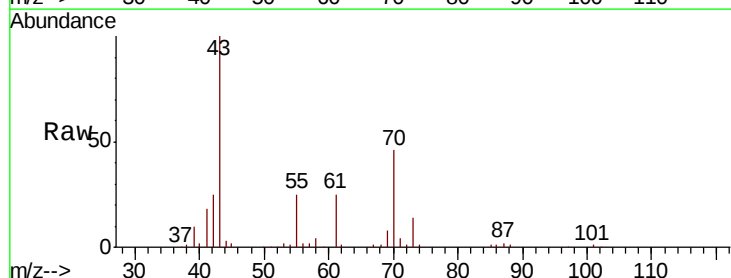
20000

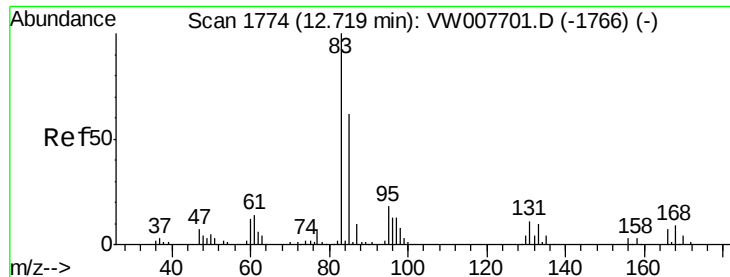
10000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.468 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

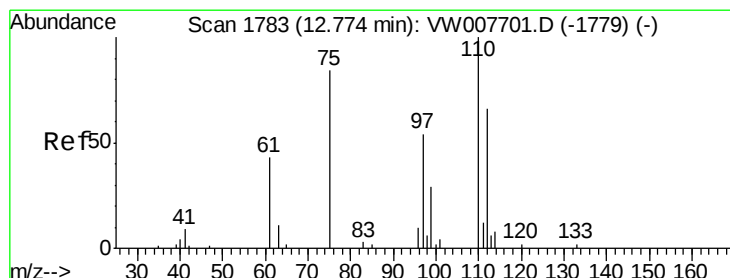
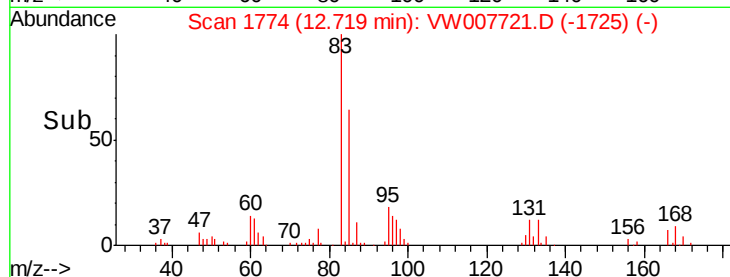
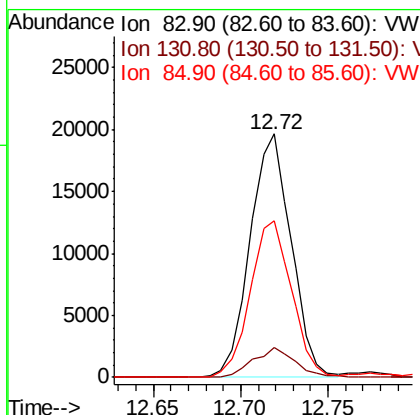
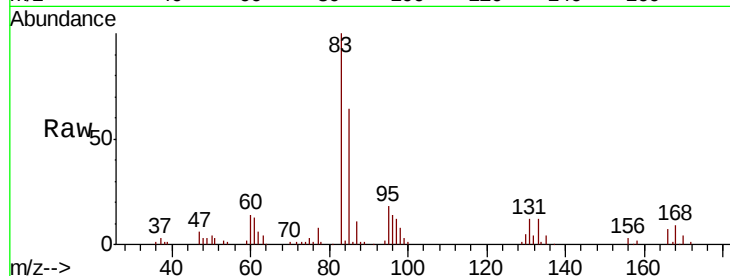
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	32106
Ion Ratio	Lower	Upper	
83	100		
131	12.7	6.3	18.8
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 52.913 ug/l m

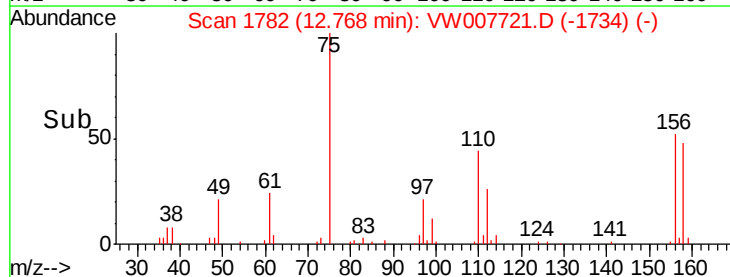
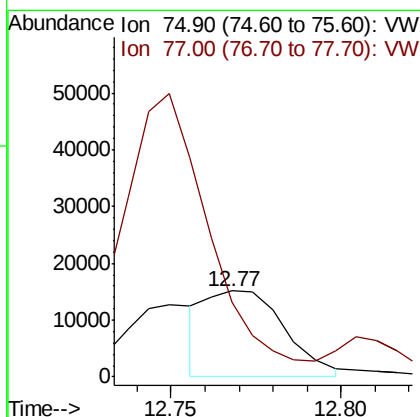
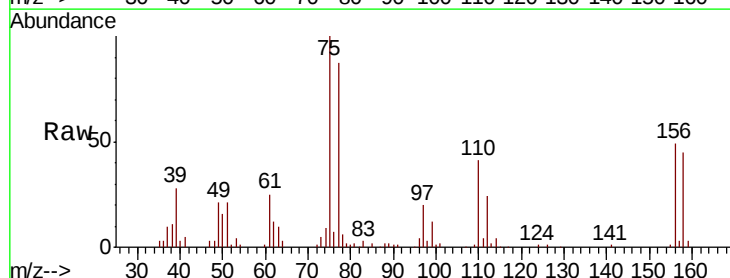
RT: 12.77 min Scan# 1782

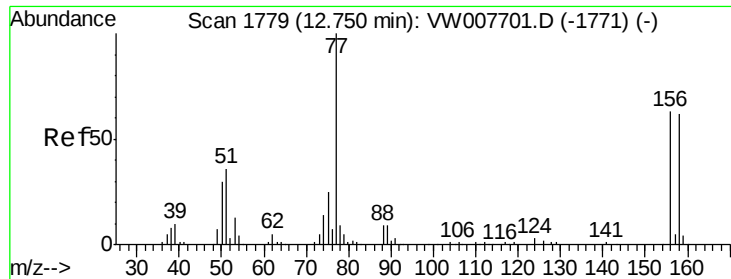
Delta R.T. -0.01 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	75	Resp:	24407
Ion Ratio	Lower	Upper	
75	100		
77	368.7	0.0	0.0#





#77

Bromobenzene

Concen: 47.957 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

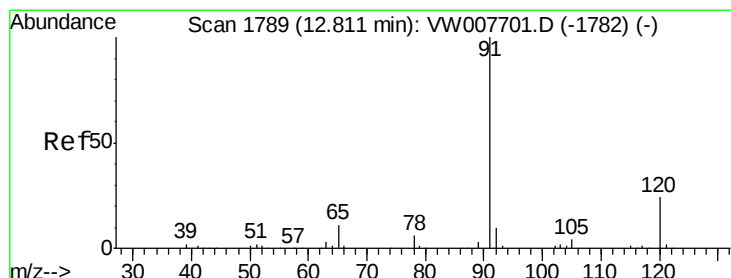
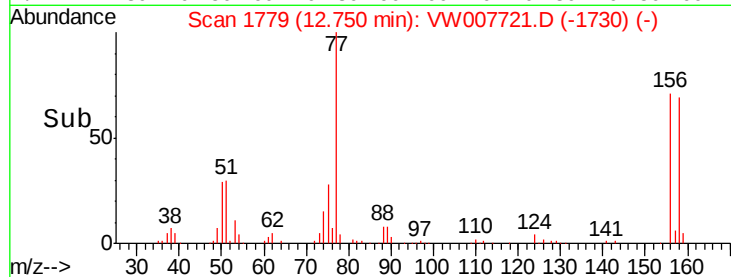
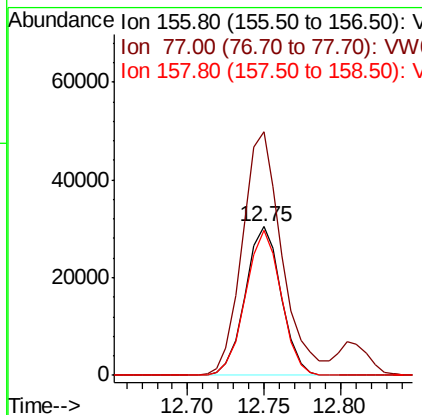
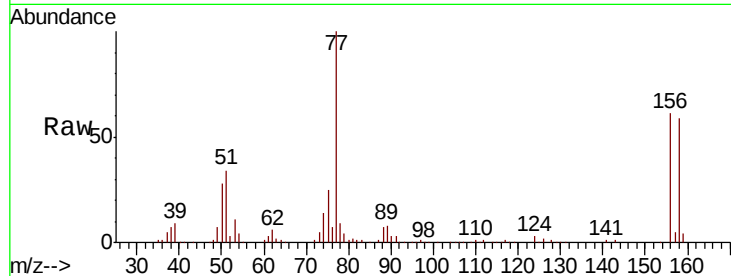
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	181.5	87.4	262.1	
158	96.5	48.4	145.0	

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#78

n-propylbenzene

Concen: 48.094 ug/l

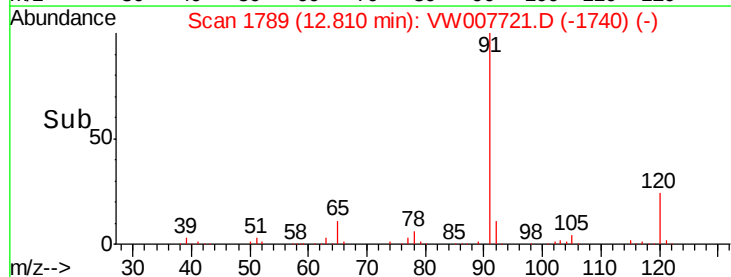
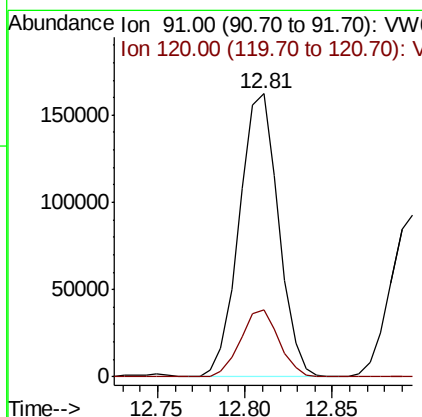
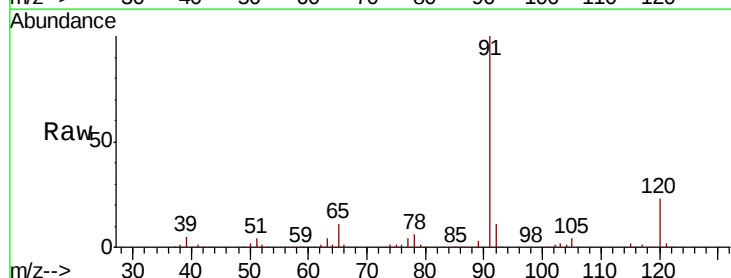
RT: 12.81 min Scan# 1789

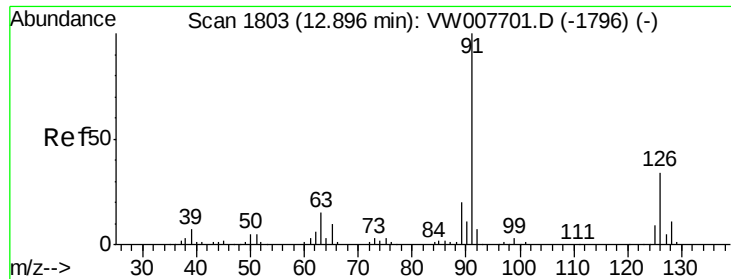
Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.9	35.7	





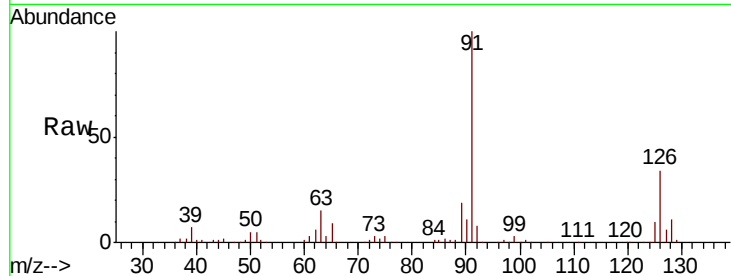
#79
2-Chlorotoluene
Concen: 48.967 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

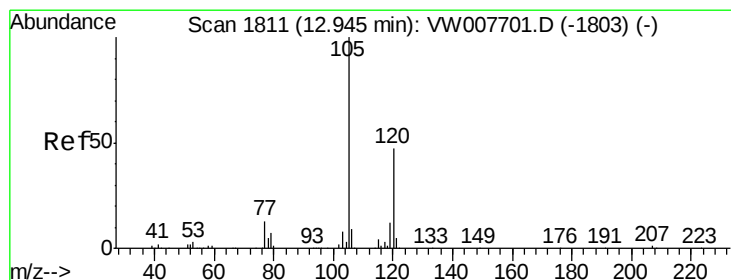
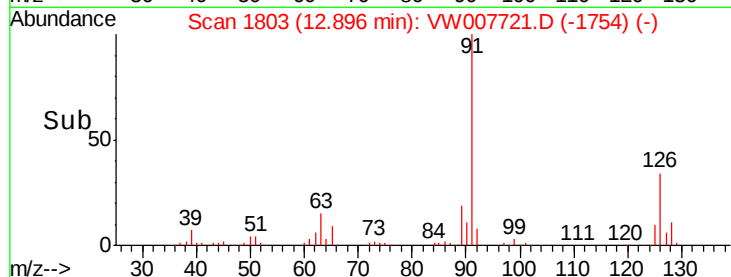
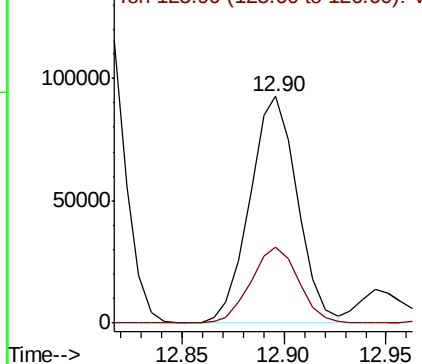
Tot Ion: 91 Resp: 149794
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

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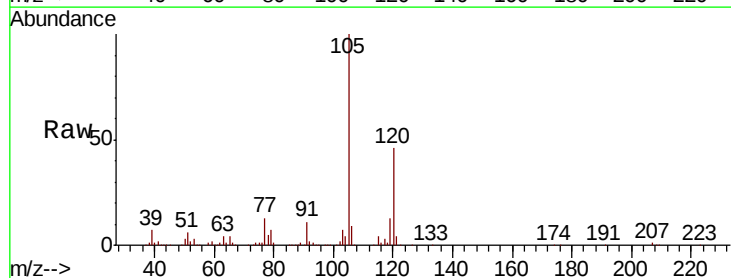


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

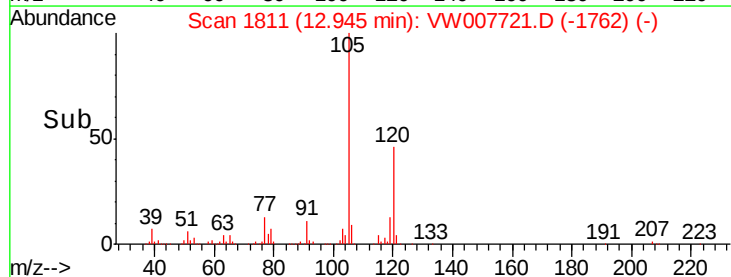
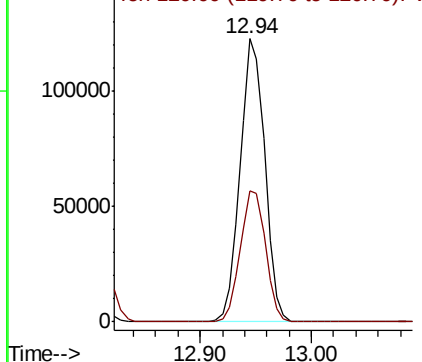


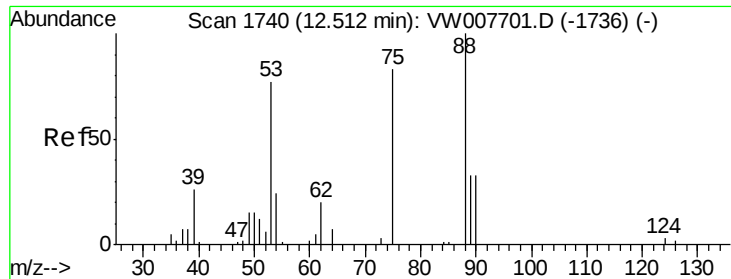
#80
1,3,5-Trimethylbenzene
Concen: 48.523 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion:105 Resp: 188813
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8



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





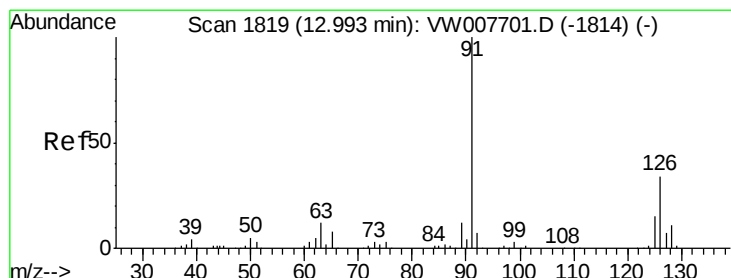
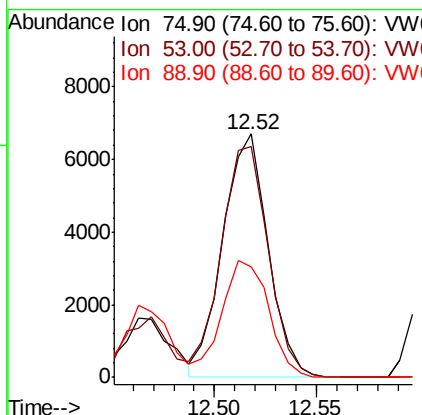
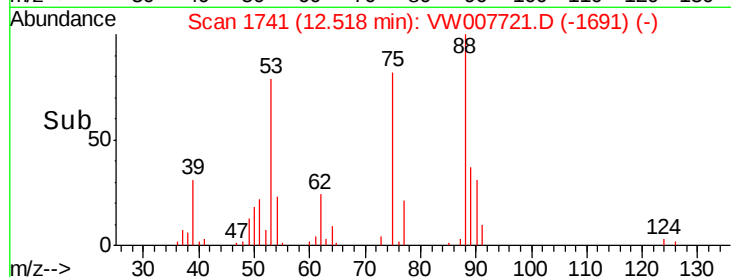
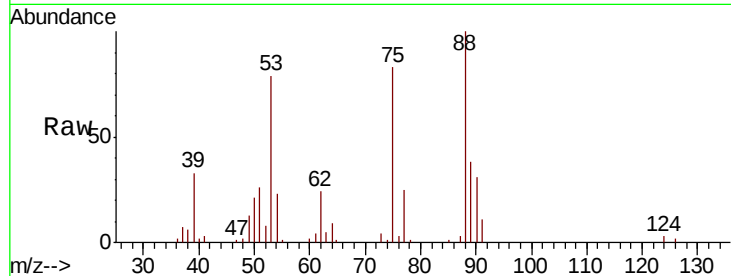
#81
trans-1,4-Dichloro-2-butene
Concen: 46.944 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	80.2	120.2
89	50.0	39.2	58.8

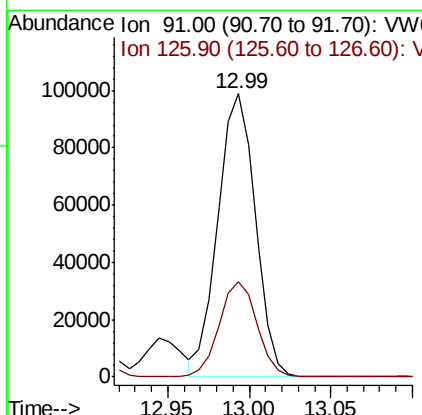
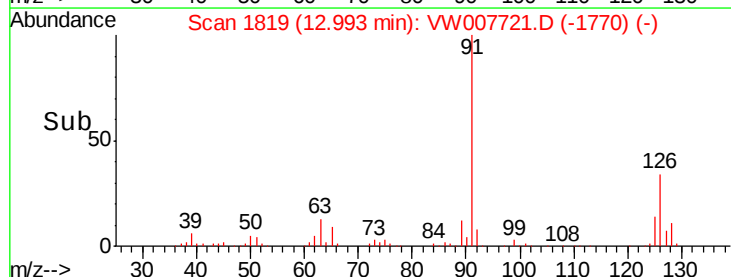
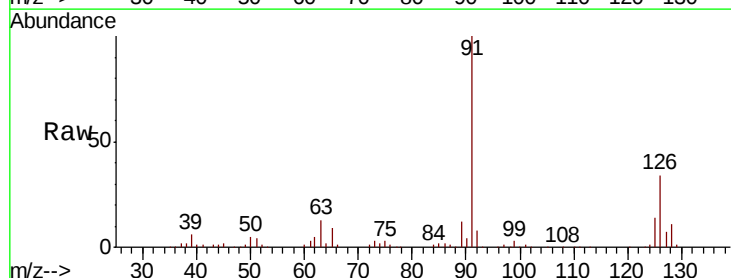
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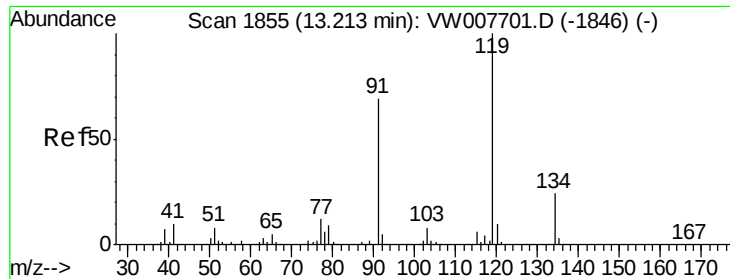
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#82
4-Chlorotoluene
Concen: 48.704 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.5	49.5





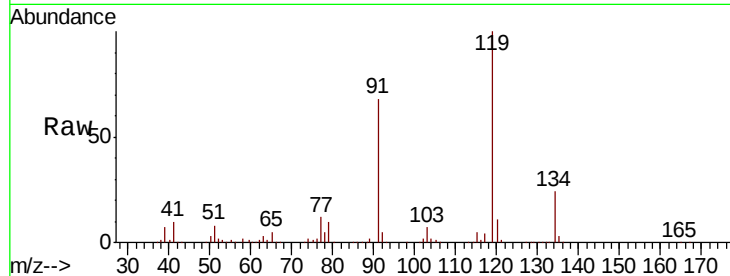
#83
tert-Butylbenzene
Concen: 48.666 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

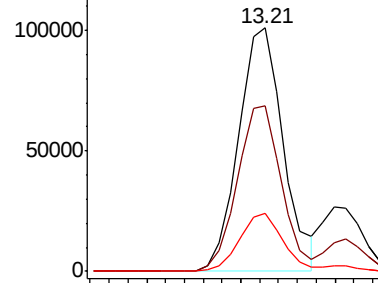
Tot Ion	Ratio	Resp	Lower	Upper
119	100	166157		
91	66.8	34.2	102.5	
134	23.3	12.8	38.4	

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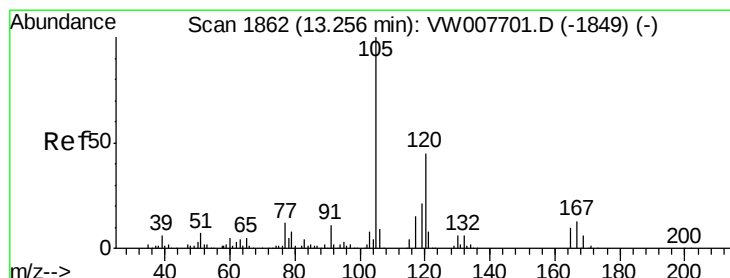
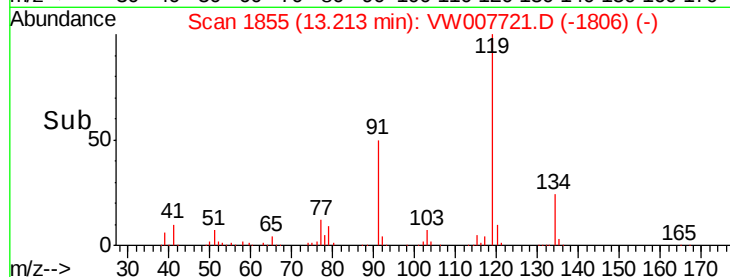
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

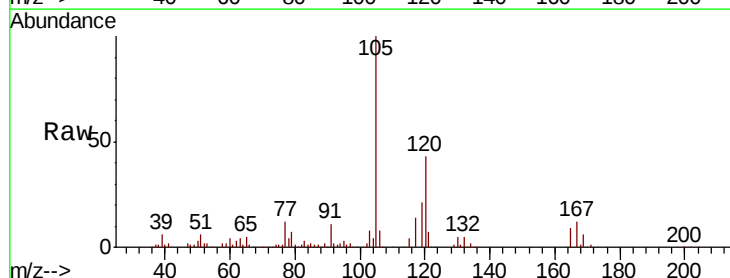


Time-->

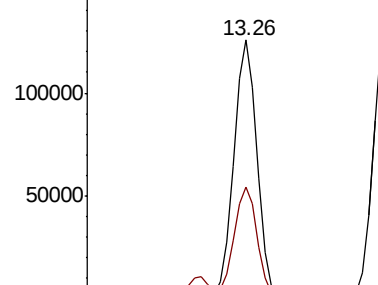


#84
1,2,4-Trimethylbenzene
Concen: 49.364 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

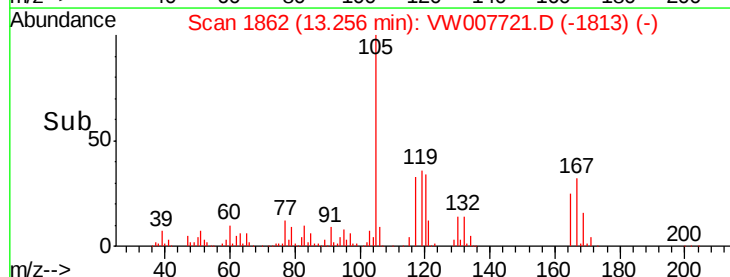
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193823		
120	43.5	22.0	66.0	

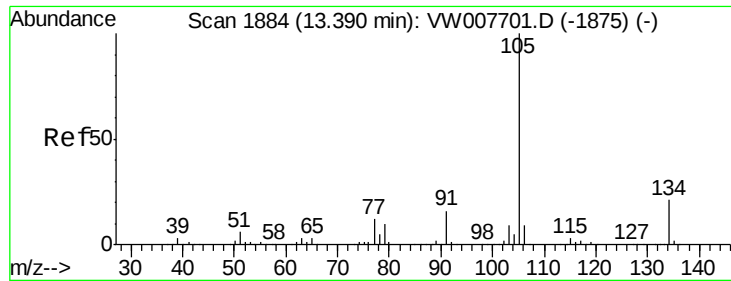


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 47.839 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 225101

Ion Ratio Lower Upper

105 100

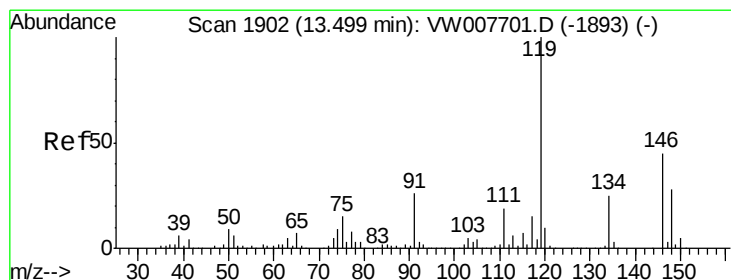
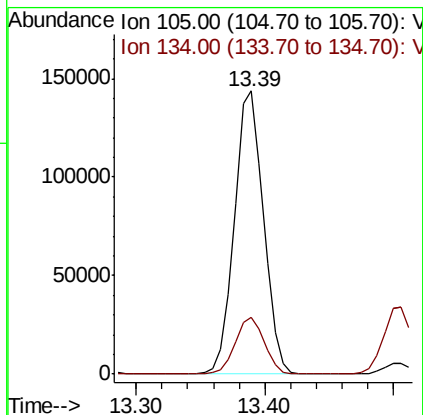
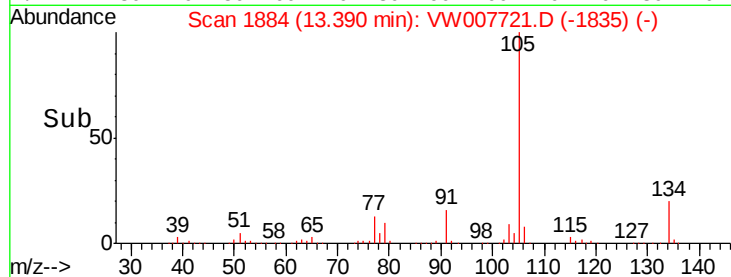
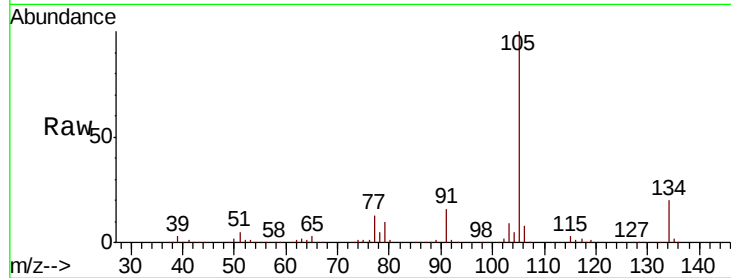
134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 47.967 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

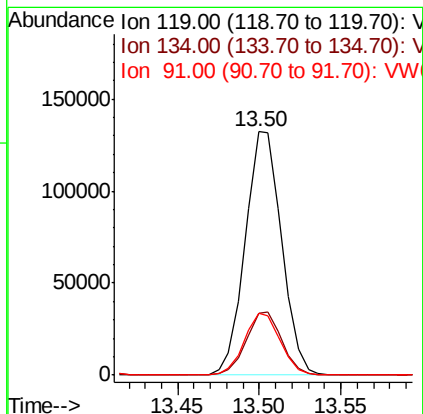
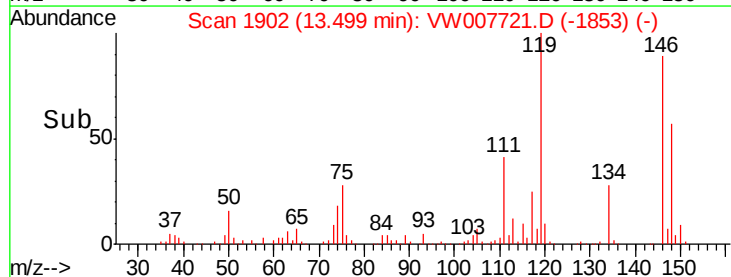
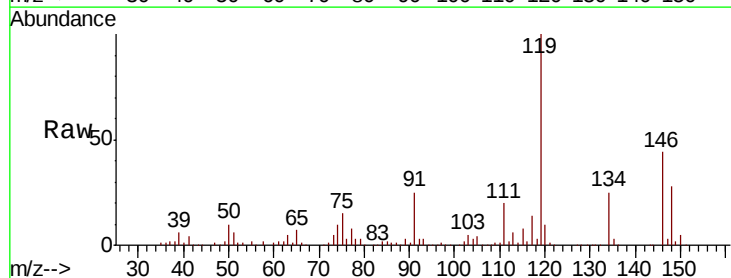
Tgt Ion:119 Resp: 205234

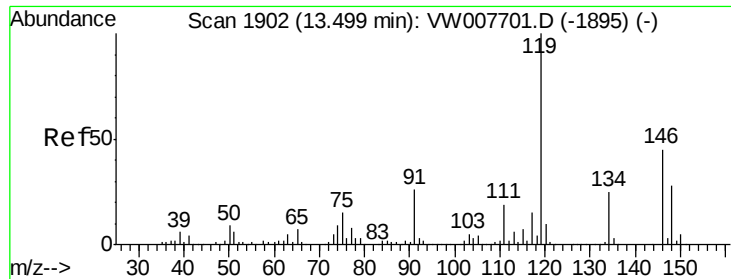
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 24.8 12.8 38.4





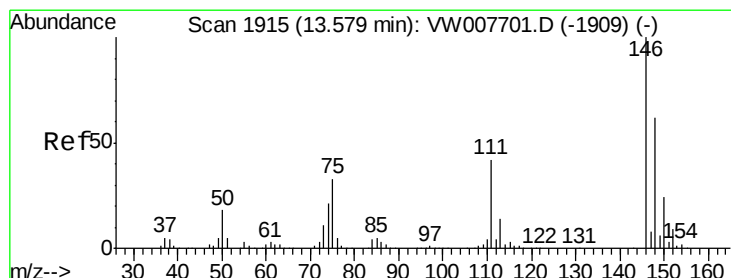
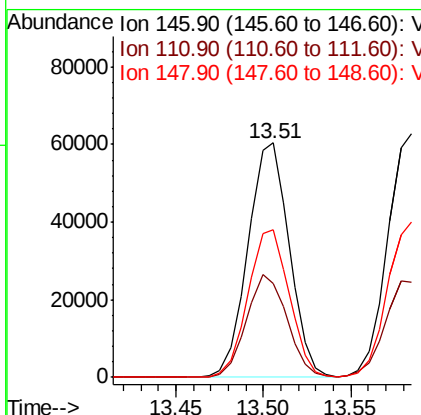
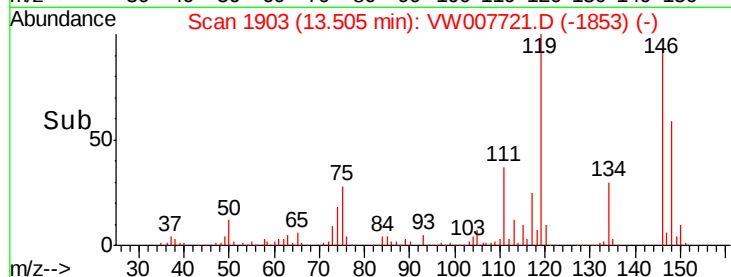
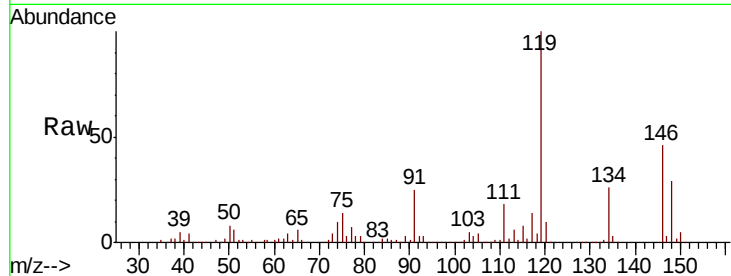
#87
 1,3-Dichlorobenzene
 Concen: 48.352 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.0	32.1	96.5

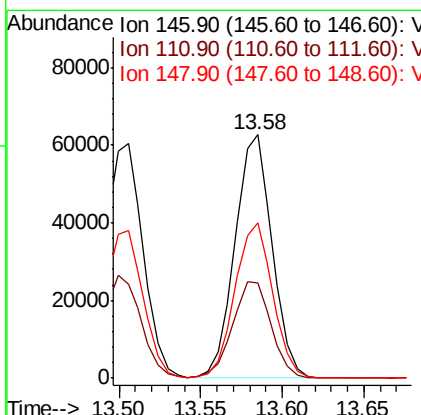
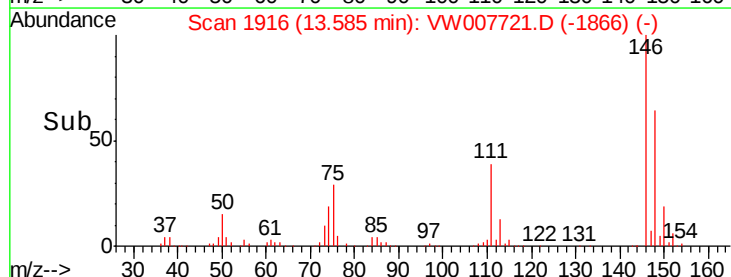
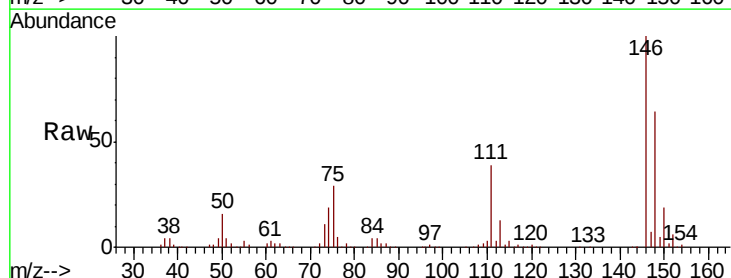
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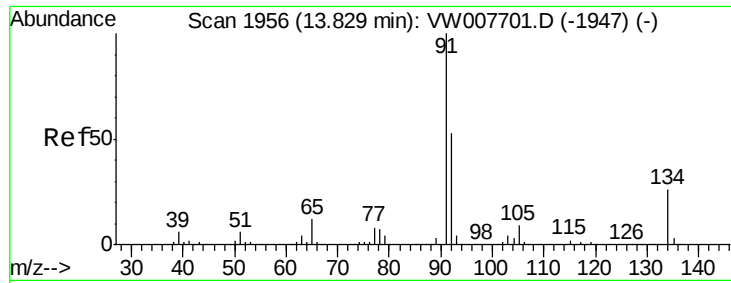
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#88
 1,4-Dichlorobenzene
 Concen: 48.337 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.0	63.0
148	64.6	31.8	95.4





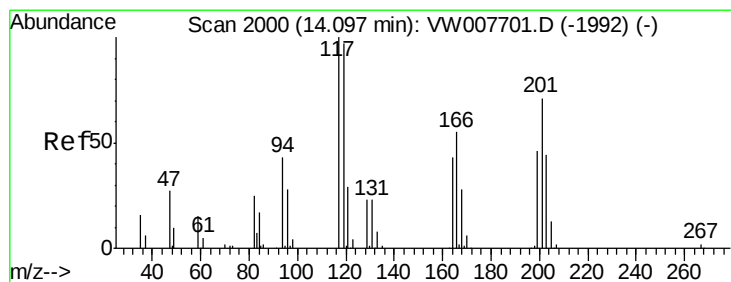
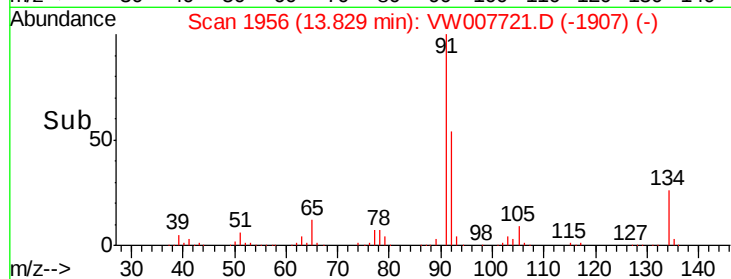
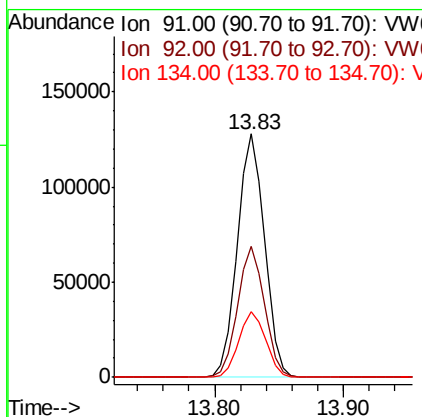
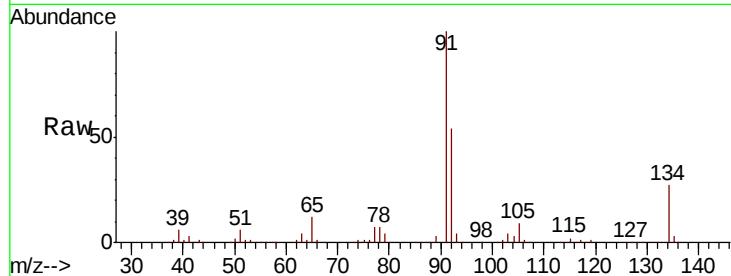
#89
n-Butylbenzene
Concen: 47.783 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	26.8	13.7	41.0

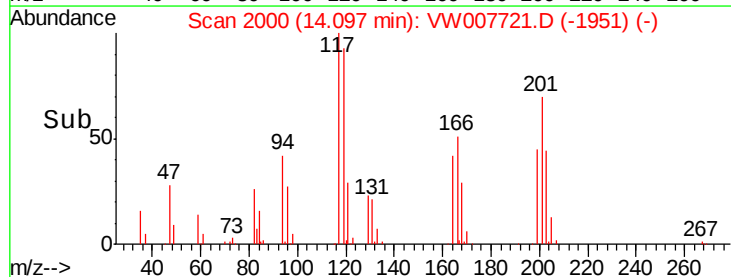
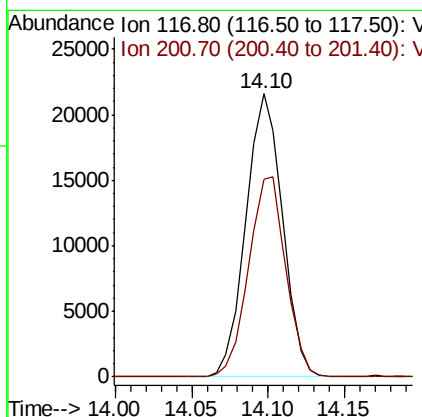
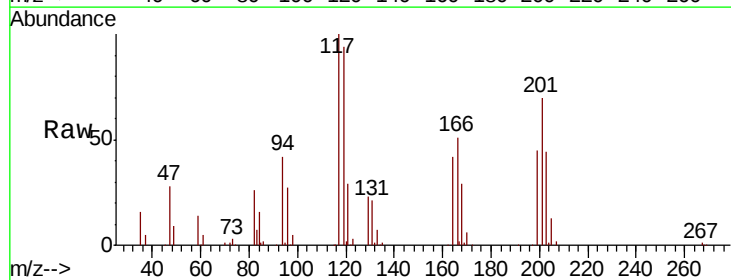
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#90
Hexachloroethane
Concen: 47.725 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007721.D
Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.9	36.2	108.6





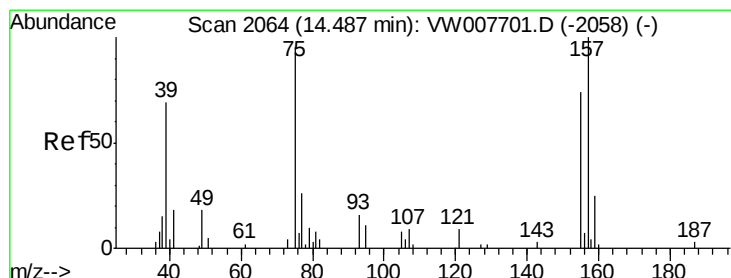
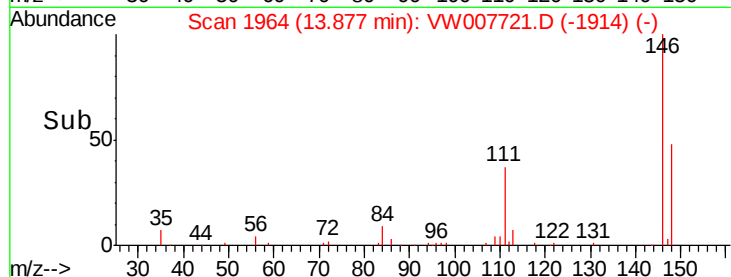
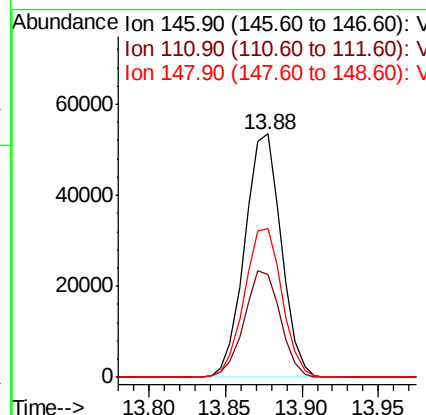
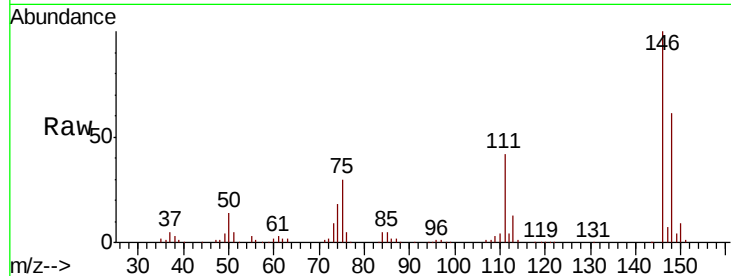
#91
 1,2-Dichlorobenzene
 Concen: 48.371 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.1	32.1	96.5

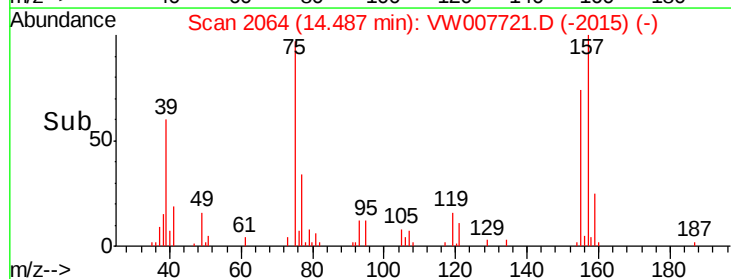
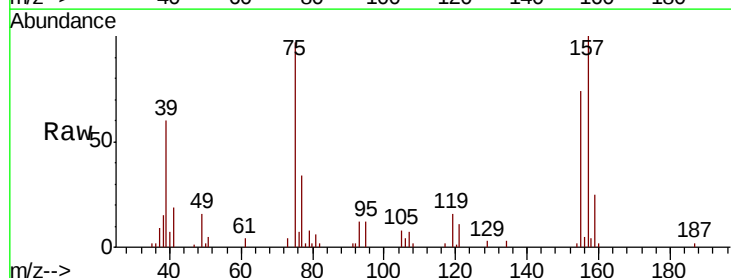
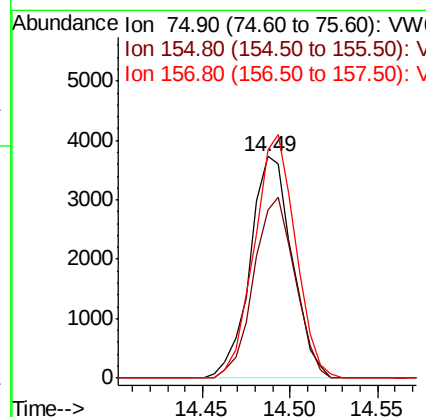
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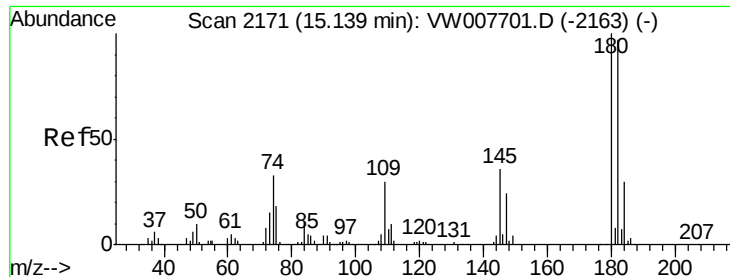
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.866 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.4	118.1
157	107.2	52.0	156.0





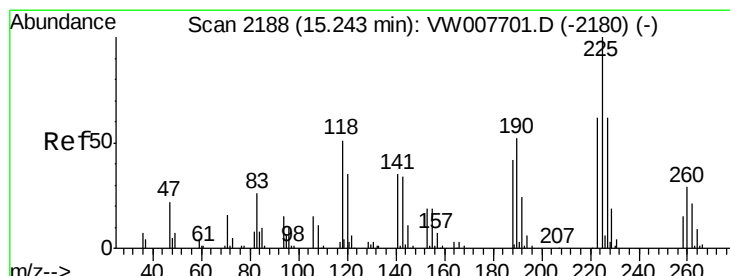
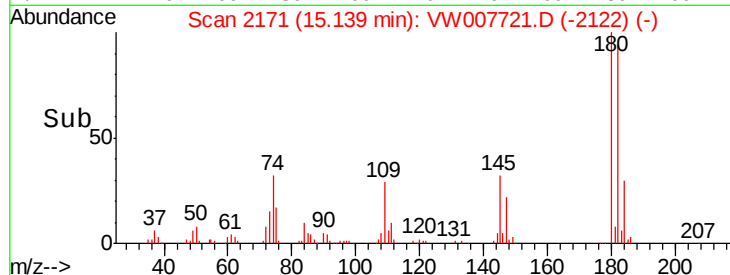
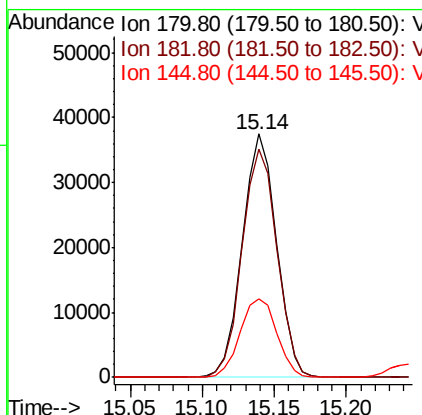
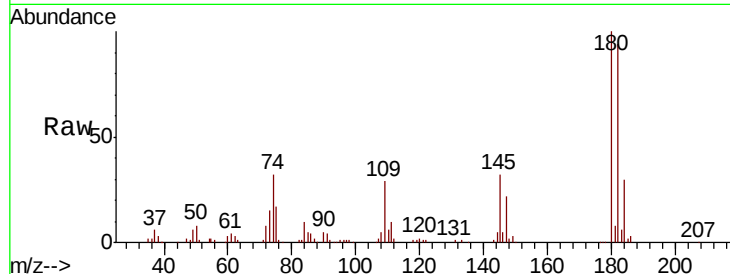
#93
 1,2,4-Trichlorobenzene
 Concen: 48.235 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61535		
182	95.7	47.5	142.6	
145	34.7	17.5	52.5	

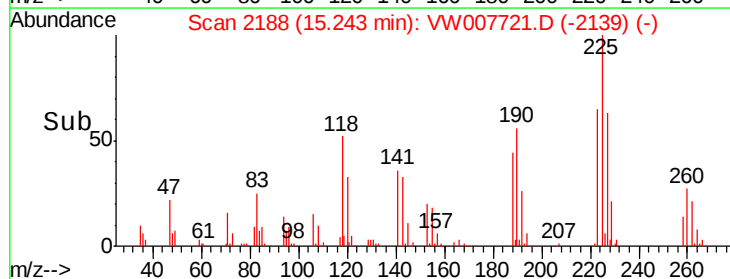
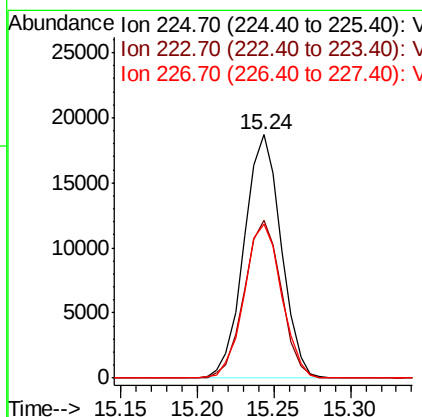
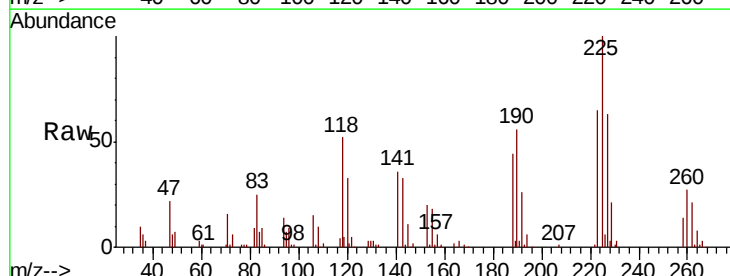
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#94
 Hexachlorobutadiene
 Concen: 46.194 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007721.D
 Acq: 20 Dec 2018 02:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31494		
223	64.1	31.6	94.8	
227	64.0	32.1	96.3	





#95

Naphthalene

Concen: 50.074 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Instrument :

MSVOA_W

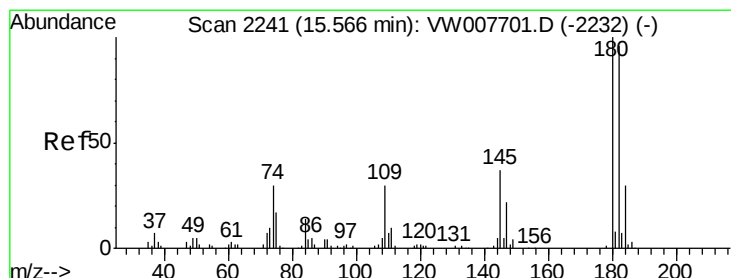
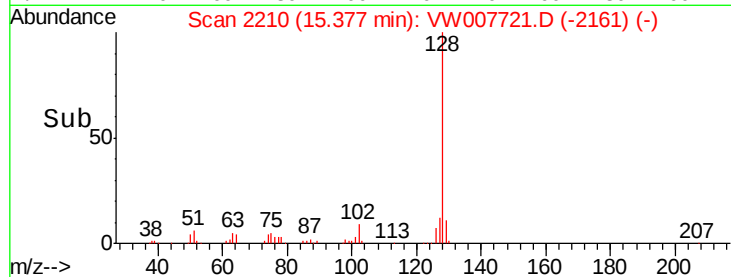
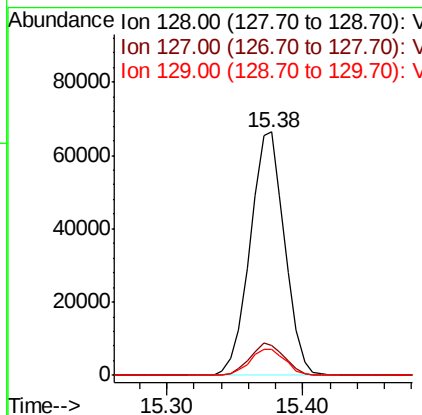
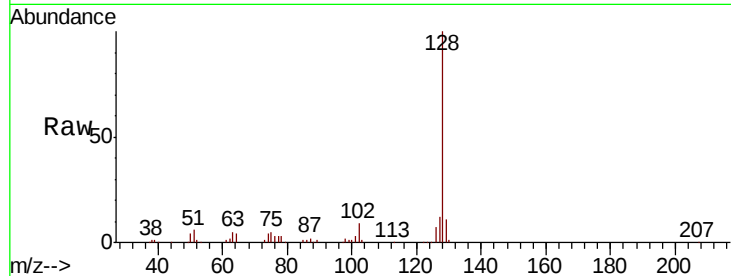
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	118105
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
12/20/2018 11:20:22 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.018 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007721.D

Acq: 20 Dec 2018 02:30

Tgt Ion:	180	Resp:	52437
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.2
145	36.0	18.4	55.0

