

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007775.D
 Acq On : 21 Dec 2018 06:04
 Operator : SY/AP
 Sample : VW1222SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBSD02

Manual Integrations
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Quant Time: Dec 21 10:29:28 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	76535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	127449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	45792	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.88	113	42881	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
50) Toluene-d8	10.32	98	163965	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.62	95	64377	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	12171m	17.888	ug/l
3) Chloromethane	2.21	50	10530	25.204	ug/l
4) Vinyl Chloride	2.37	62	12702	23.883	ug/l
5) Bromomethane	2.78	94	9311	25.136	ug/l
6) Chloroethane	2.92	64	7673	26.967	ug/l
7) Trichlorofluoromethane	3.26	101	10262	18.534	ug/l
8) Diethyl Ether	3.67	74	8175	24.105	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15411	18.899	ug/l
10) Methyl Iodide	4.26	142	27274	21.032	ug/l
11) Tert butyl alcohol	5.17	59	7565	133.687	ug/l
12) 1,1-Dichloroethene	4.03	96	15534	20.572	ug/l
13) Acrolein	3.89	56	5134	113.471	ug/l
14) Allyl chloride	4.66	41	23269	23.499	ug/l
15) Acrylonitrile	5.37	53	16283	112.555	ug/l
16) Acetone	4.12	43	14678	93.440	ug/l #
17) Carbon Disulfide	4.38	76	44342	18.976	ug/l
18) Methyl Acetate	4.67	43	9008	24.113	ug/l
19) Methyl tert-butyl Ether	5.43	73	27454	25.325	ug/l
20) Methylene Chloride	4.91	84	20509	22.659	ug/l
21) trans-1,2-Dichloroethene	5.42	96	17394	20.945	ug/l
22) Diisopropyl ether	6.31	45	45674	24.633	ug/l
23) Vinyl Acetate	6.26	43	125241	113.689	ug/l
24) 1,1-Dichloroethane	6.21	63	30749	22.543	ug/l
25) 2-Butanone	7.17	43	19368	105.266	ug/l
26) 2,2-Dichloropropane	7.16	77	19535	19.571	ug/l
27) cis-1,2-Dichloroethene	7.17	96	19973	22.574	ug/l
28) Bromochloromethane	7.51	49	10341	22.235	ug/l
29) Tetrahydrofuran	7.53	42	12951	118.007	ug/l
30) Chloroform	7.67	83	32080	20.782	ug/l
31) Cyclohexane	7.95	56	26181	20.966	ug/l
32) 1,1,1-Trichloroethane	7.87	97	28971	20.607	ug/l
36) 1,1-Dichloropropene	8.08	75	24668	20.053	ug/l
37) Ethyl Acetate	7.26	43	9915	23.355	ug/l
38) Carbon Tetrachloride	8.07	117	25411	17.541	ug/l

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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VW1222SBS02

Manual Integrations
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Quant Time: Dec 21 10:29:28 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)
39) Methylcyclohexane	9.34	83	30288	19.815	ug/l	98
40) Benzene	8.32	78	69392	21.140	ug/l	99
41) Methacrylonitrile	7.48	41	5419	22.483	ug/l	96
42) 1,2-Dichloroethane	8.40	62	22062	20.056	ug/l	99
43) Isopropyl Acetate	8.43	43	18990	22.327	ug/l	99
44) Trichloroethene	9.09	130	20110	20.258	ug/l	99
45) 1,2-Dichloropropane	9.37	63	15876	21.797	ug/l	94
46) Dibromomethane	9.46	93	8846	19.730	ug/l	97
47) Bromodichloromethane	9.65	83	23323	19.787	ug/l	96
48) Methyl methacrylate	9.43	41	9364	22.057	ug/l	98
49) 1,4-Dioxane	9.45	88	3381	475.625	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	43960	109.365	ug/l	100
52) Toluene	10.39	92	47275	21.466	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	24001	20.471	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	27224	21.022	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13051	21.115	ug/l	95
56) Ethyl methacrylate	10.65	69	16614	22.750	ug/l	95
57) 1,3-Dichloropropane	10.93	76	22188	21.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	41476	124.391	ug/l	96
59) 2-Hexanone	10.97	43	29993	106.101	ug/l	98
60) Dibromochloromethane	11.13	129	14930	18.243	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13302	21.251	ug/l	98
64) Tetrachloroethene	10.87	164	17373	21.138	ug/l	96
65) Chlorobenzene	11.66	112	52687	20.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	17679	19.696	ug/l	98
67) Ethyl Benzene	11.73	91	94717	21.972	ug/l	94
68) m/p-Xylenes	11.84	106	71861	42.974	ug/l	98
69) o-Xylene	12.17	106	34342	21.909	ug/l	100
70) Styrene	12.18	104	56426	21.899	ug/l	99
71) Bromoform	12.35	173	7879	16.909	ug/l #	97
73) Isopropylbenzene	12.47	105	95172	21.746	ug/l	100
74) N-amyl acetate	12.27	43	17696	23.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	13908	21.195	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8648m	19.325	ug/l	
77) Bromobenzene	12.75	156	21399	21.335	ug/l	98
78) n-propylbenzene	12.80	91	109095	21.414	ug/l	99
79) 2-Chlorotoluene	12.90	91	64368	21.689	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	83352	22.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3898	18.284	ug/l	95
82) 4-Chlorotoluene	12.99	91	68378	21.638	ug/l	99
83) tert-Butylbenzene	13.21	119	72980	22.033	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	84801	22.262	ug/l	99
85) sec-Butylbenzene	13.39	105	97761	21.415	ug/l	100
86) p-Isopropyltoluene	13.50	119	89511	21.564	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	42463	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42406	21.288	ug/l	99
89) n-Butylbenzene	13.83	91	79997	21.019	ug/l	99
90) Hexachloroethane	14.10	117	12557	17.231	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	38543	21.617	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2638	19.576	ug/l	97

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ClientSampleId :
VW1222SBSD02

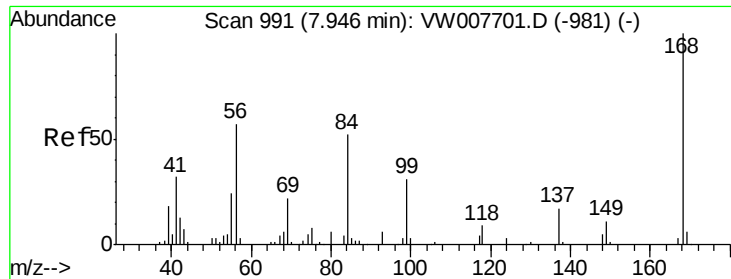
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26470	21.387	ug/l	99
94) Hexachlorobutadiene	15.24	225	13944	21.082	ug/l	99
95) Naphthalene	15.37	128	53893	23.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	23153	21.854	ug/l	98

(#) = 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: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD02

Tgt Ion:168 Resp: 76535

Ion Ratio Lower Upper

168 100

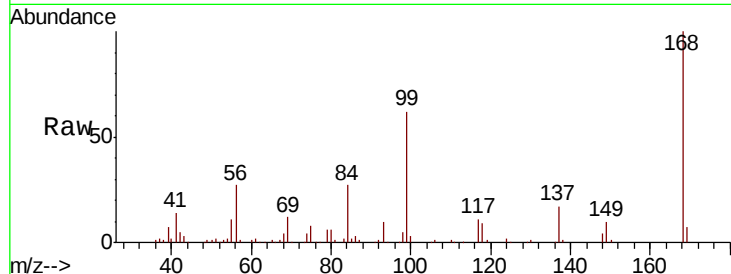
99 61.9 54.0 81.0

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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

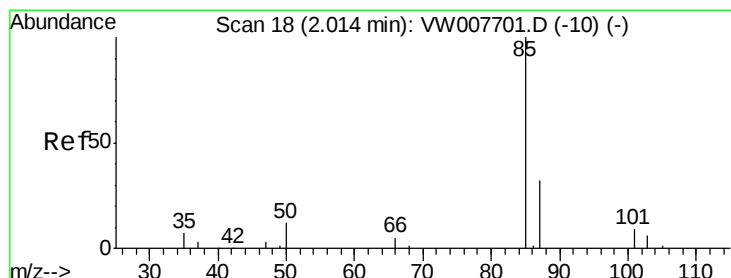
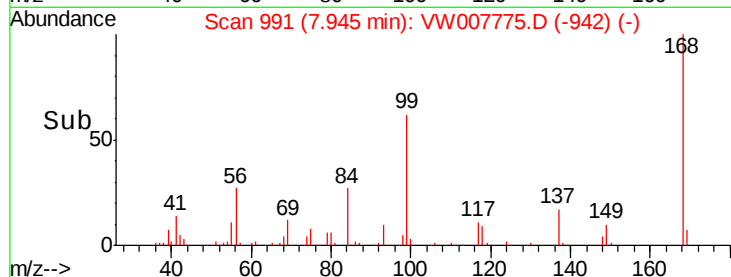
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.888 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007775.D

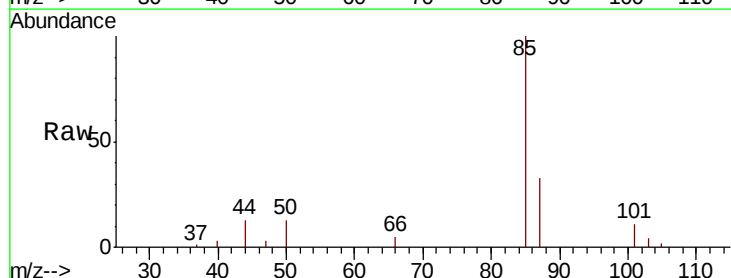
Acq: 21 Dec 2018 06:04

Tgt Ion: 85 Resp: 12171

Ion Ratio Lower Upper

85 100

87 33.3 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

4000

3000

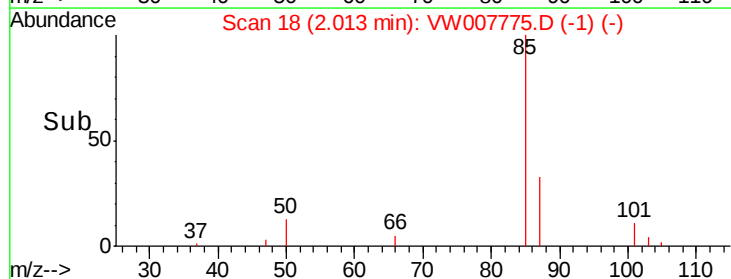
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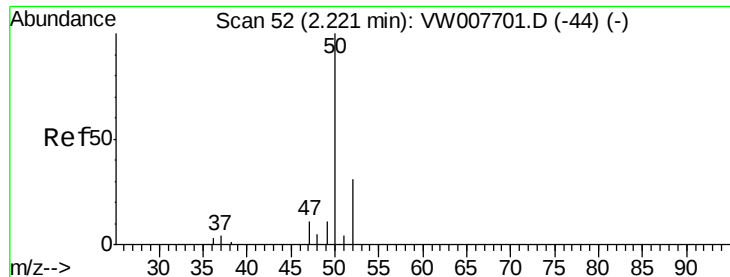
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 25.204 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD02

Tgt Ion: 50 Resp: 10530

Ion Ratio Lower Upper

50 100

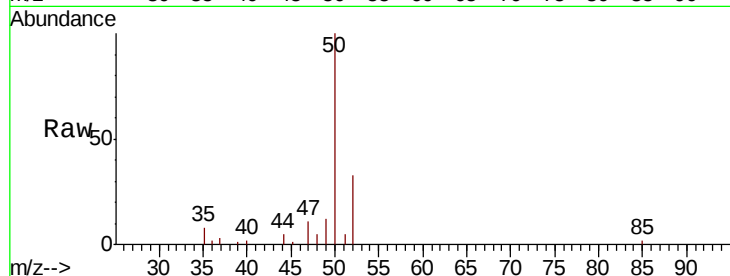
52 33.5 25.1 37.7

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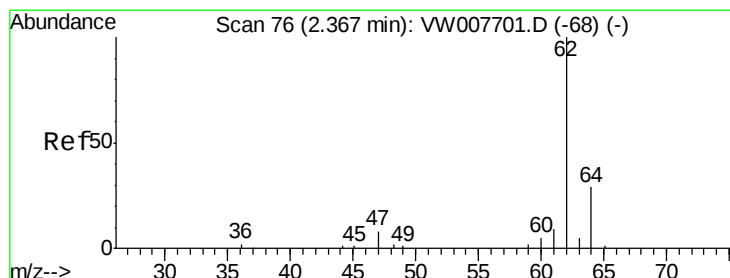
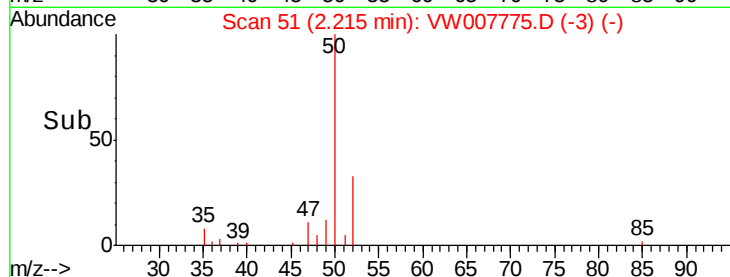
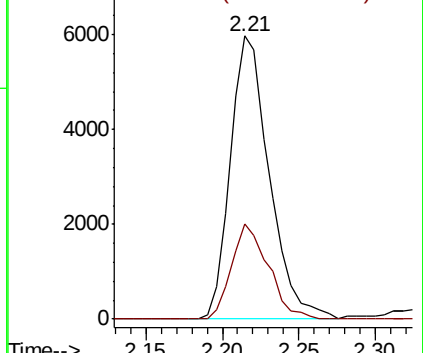
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.883 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007775.D

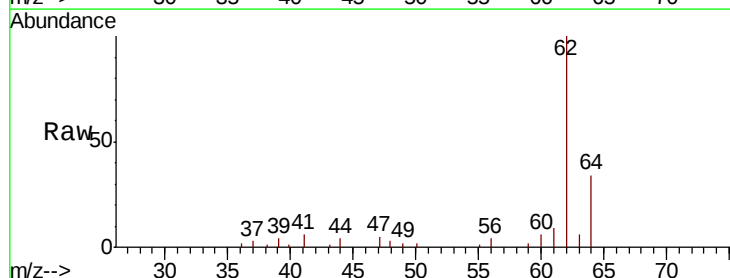
Acq: 21 Dec 2018 06:04

Tgt Ion: 62 Resp: 12702

Ion Ratio Lower Upper

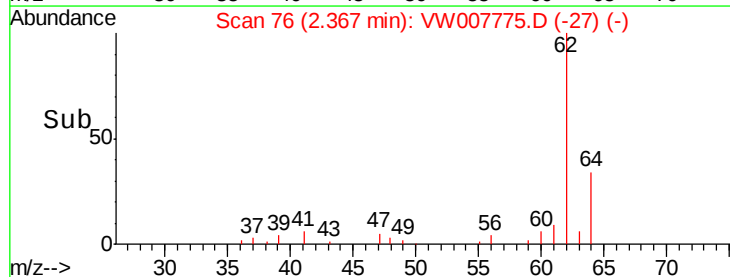
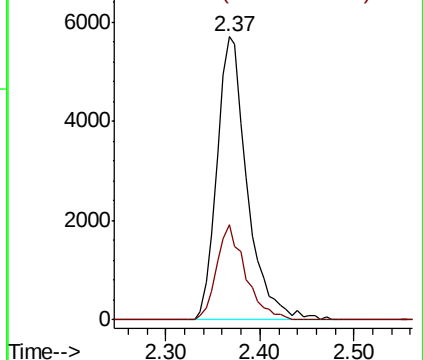
62 100

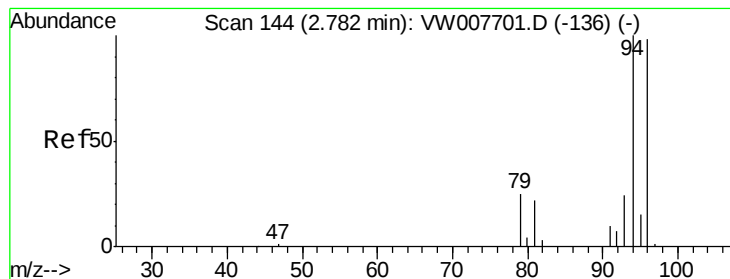
64 33.6 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 25.136 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD02

Tgt Ion: 94 Resp: 9311

Ion Ratio Lower Upper

94 100

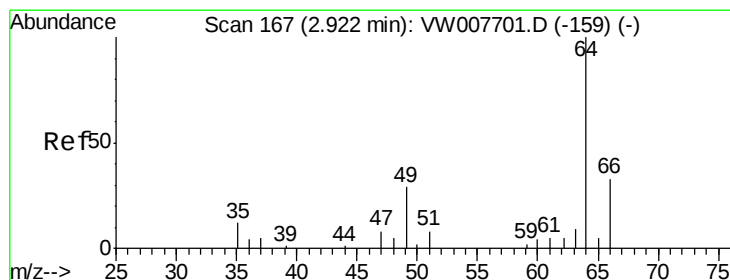
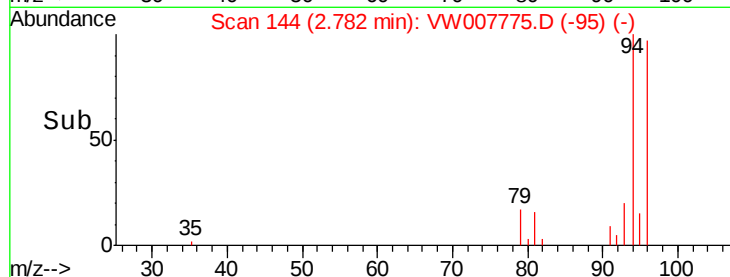
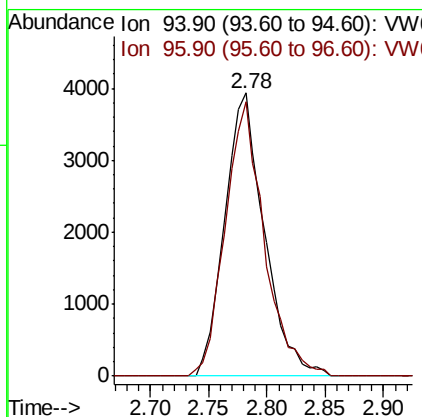
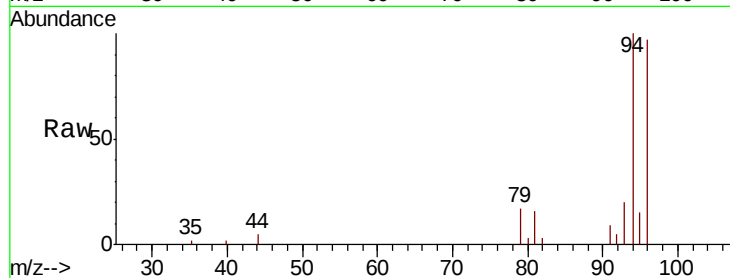
96 96.9 78.2 117.2

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#6

Chloroethane

Concen: 26.967 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007775.D

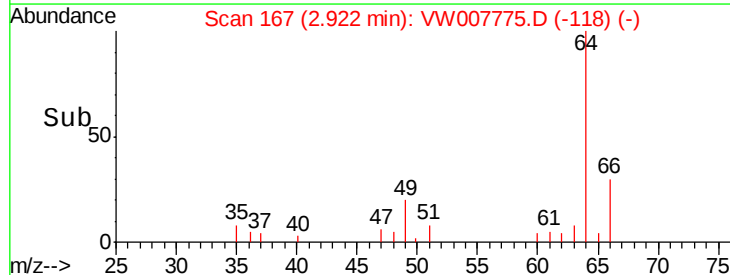
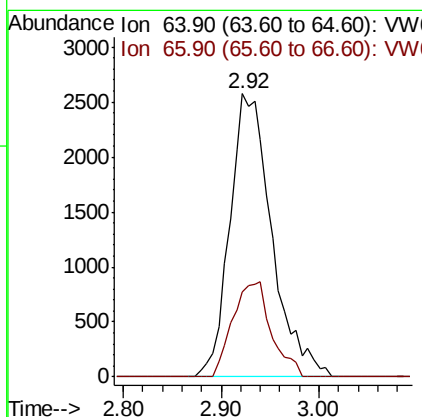
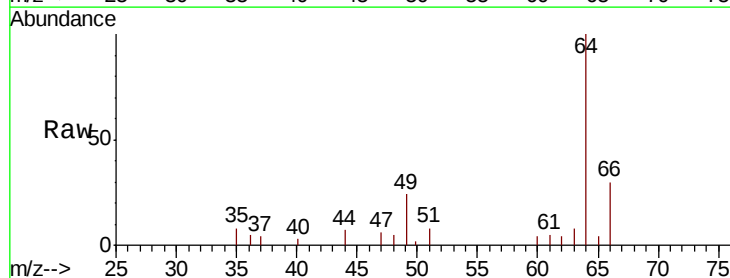
Acq: 21 Dec 2018 06:04

Tgt Ion: 64 Resp: 7673

Ion Ratio Lower Upper

64 100

66 30.1 26.2 39.4





#7

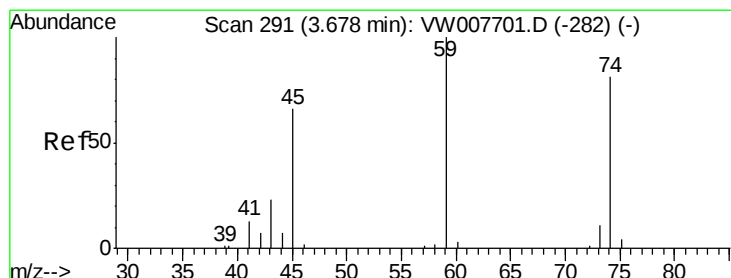
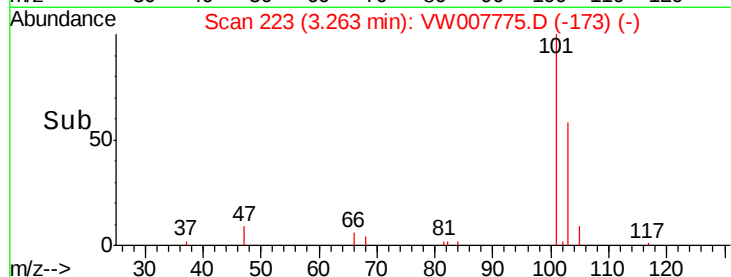
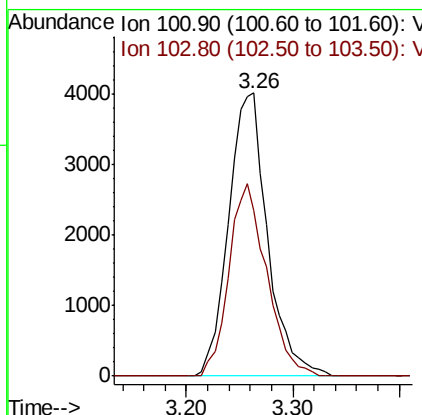
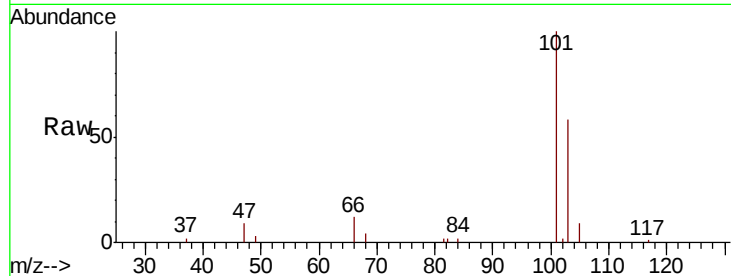
Trichlorofluoromethane
 Concen: 18.534 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 101 Resp: 10262
 Ion Ratio Lower Upper
 101 100
 103 58.5 53.4 80.2

Manual Integrations
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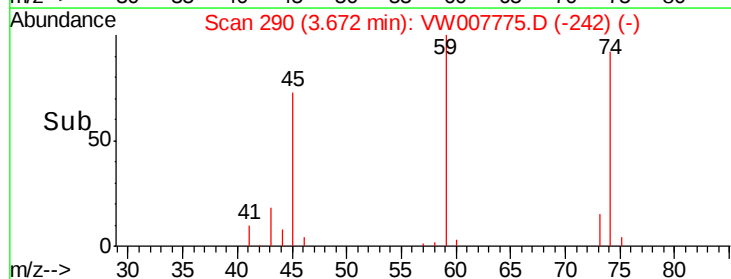
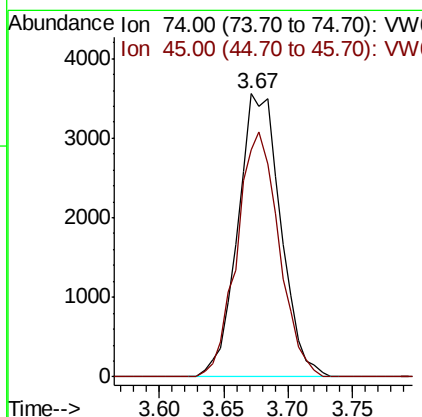
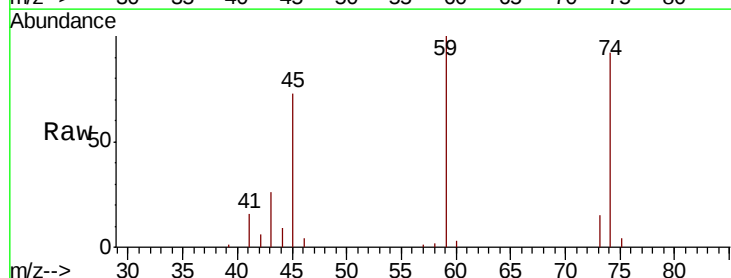
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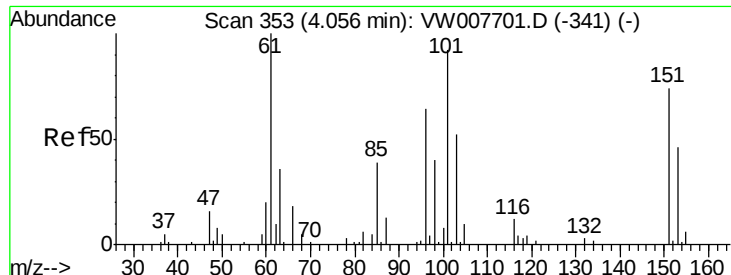


#8

Diethyl Ether
 Concen: 24.105 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion: 74 Resp: 8175
 Ion Ratio Lower Upper
 74 100
 45 84.8 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.899 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

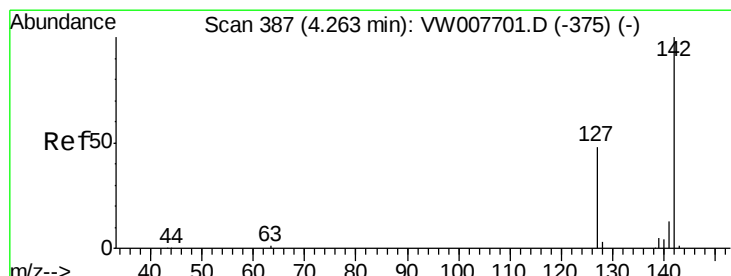
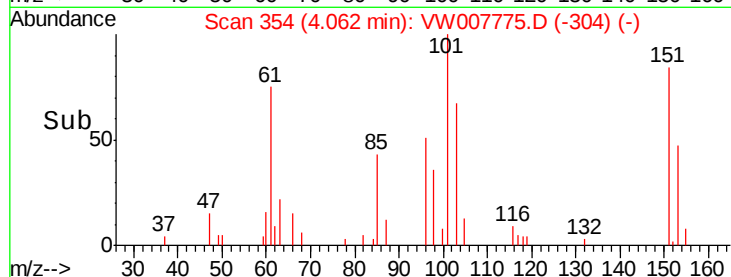
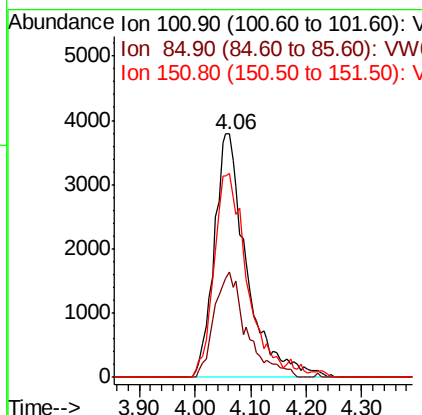
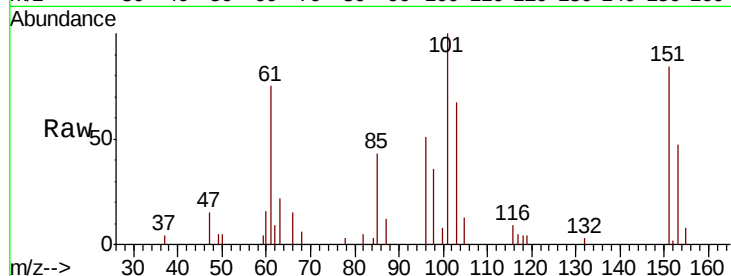
ClientSampleId :

VW1222SBS02

Tgt Ion:	101	Resp:	15411
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.3	51.5
151	83.9	64.6	96.8

Manual Integrations
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#10

Methyl Iodide

Concen: 21.032 ug/l

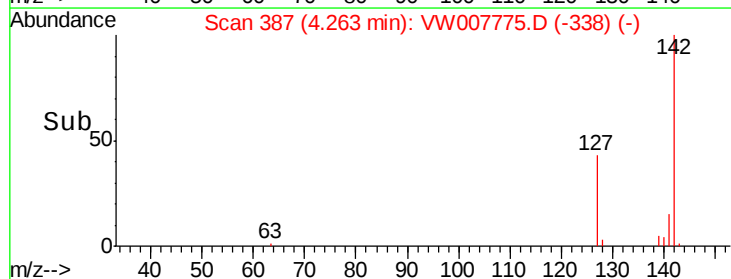
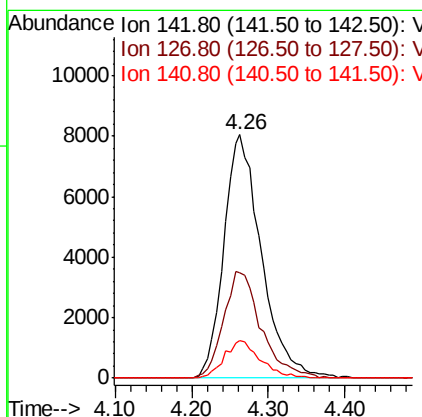
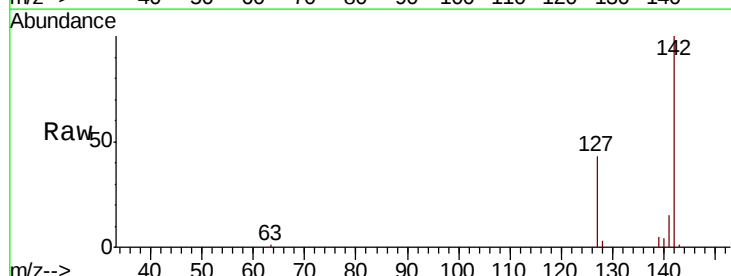
RT: 4.26 min Scan# 387

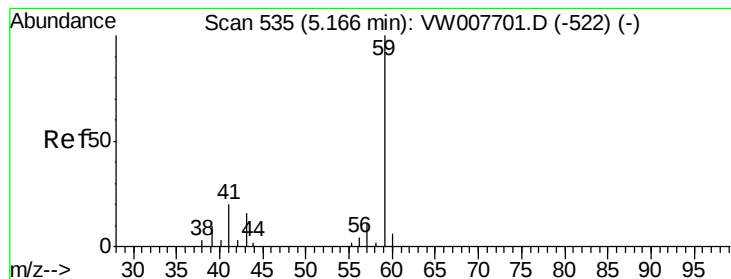
Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion:	142	Resp:	27274
Ion Ratio	Lower	Upper	
142	100		
127	44.0	37.7	56.5
141	14.7	11.5	17.3





#11

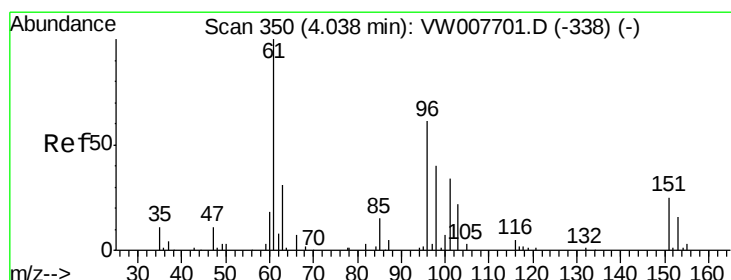
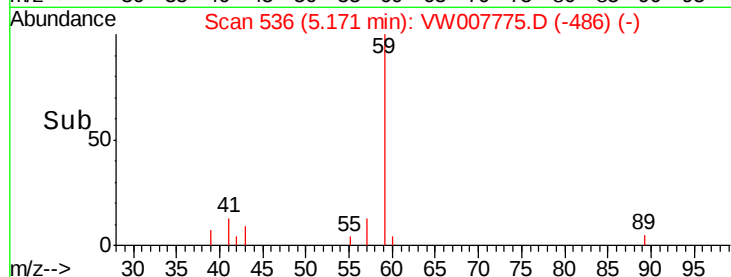
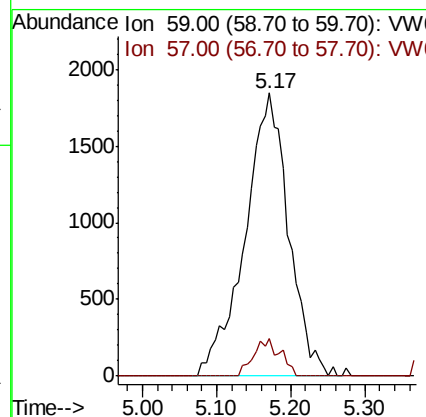
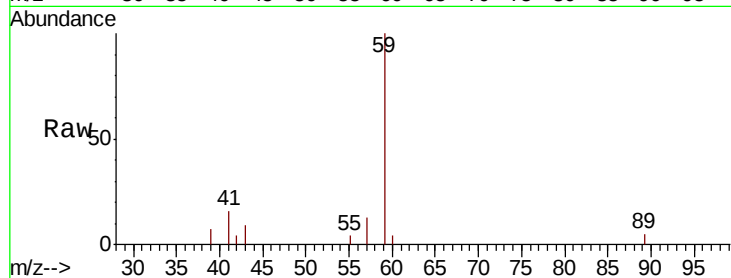
Tert butyl alcohol
 Concen: 133.687 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.1	7.8	11.8

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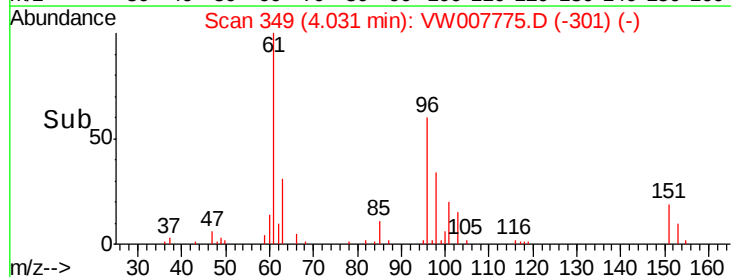
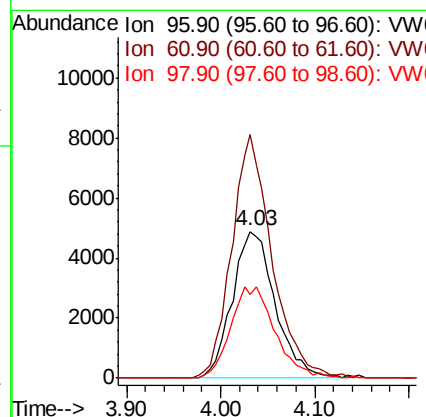
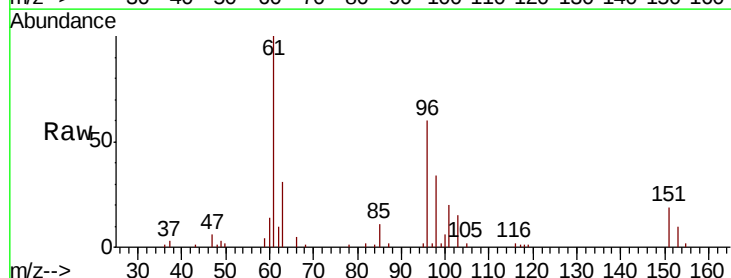
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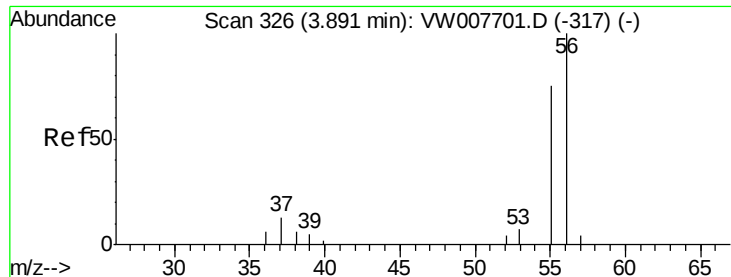


#12

1,1-Dichloroethene
 Concen: 20.572 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	130.6	195.8
98	56.7	52.3	78.5





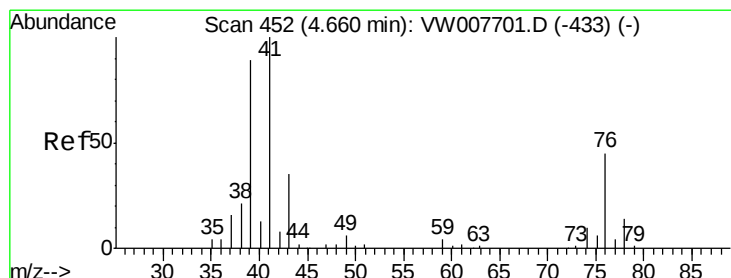
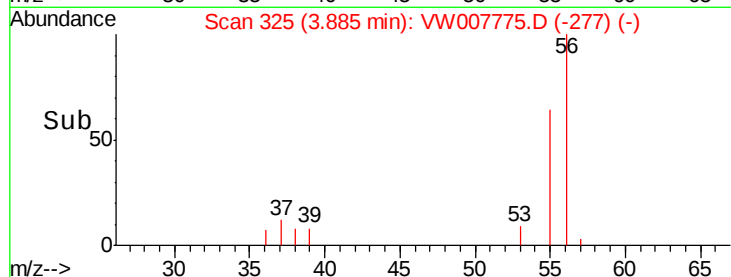
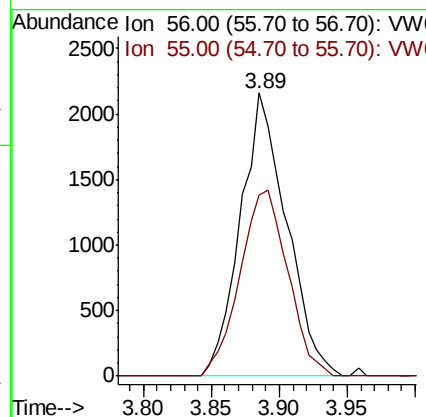
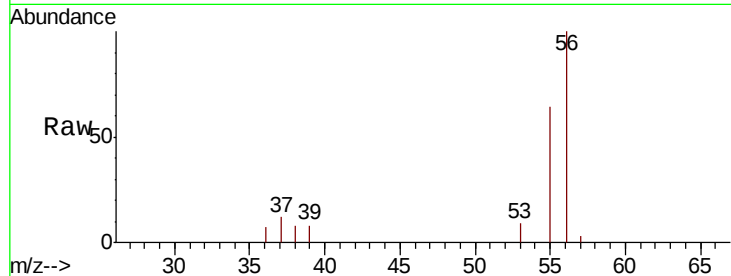
#13
Acrolein
Concen: 113.471 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion: 56 Resp: 5134
Ion Ratio Lower Upper
56 100
55 68.1 57.7 86.5

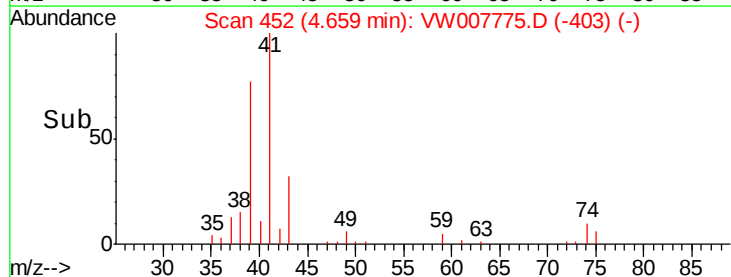
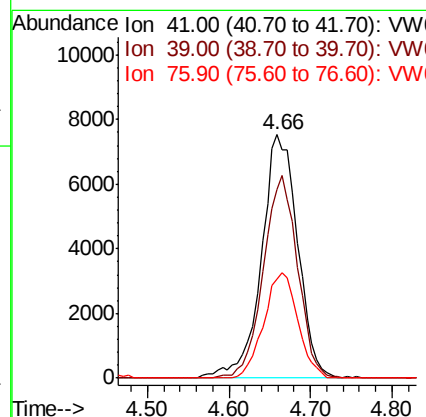
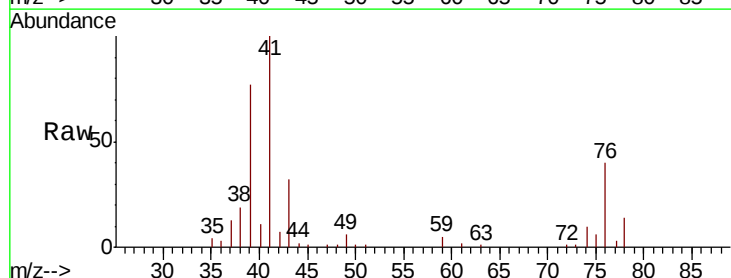
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#14
Allyl chloride
Concen: 23.499 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 41 Resp: 23269
Ion Ratio Lower Upper
41 100
39 78.3 69.5 104.3
76 40.6 34.8 52.2





#15

Acrylonitrile

Concen: 112.555 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

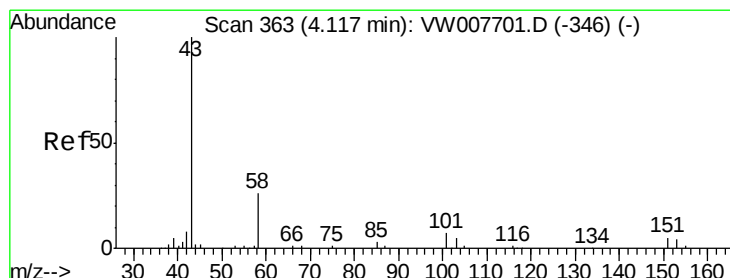
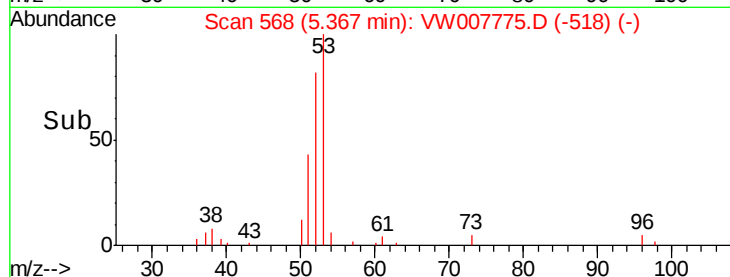
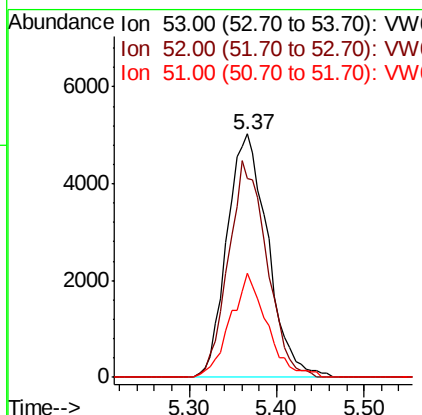
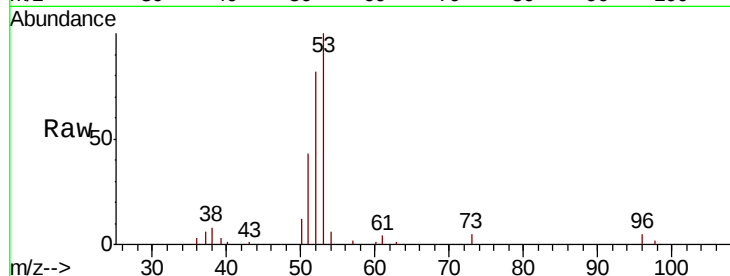
ClientSampleId :

VW1222SBSD02

Tgt Ion:	53	Resp:	16283
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.0	100.4
51	38.5	30.2	45.2

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#16

Acetone

Concen: 93.440 ug/l

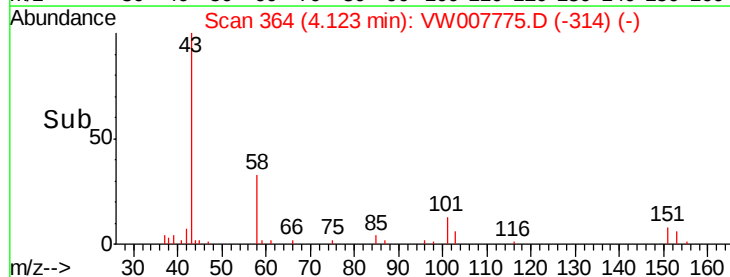
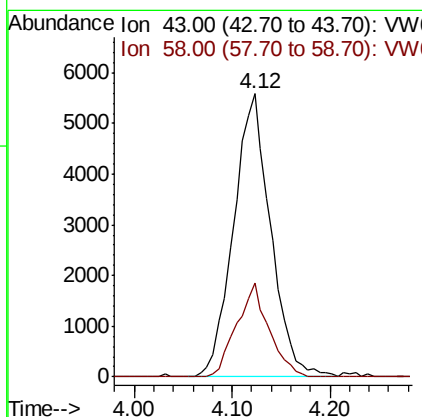
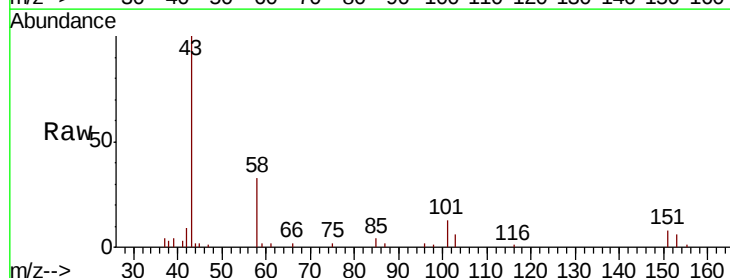
RT: 4.12 min Scan# 364

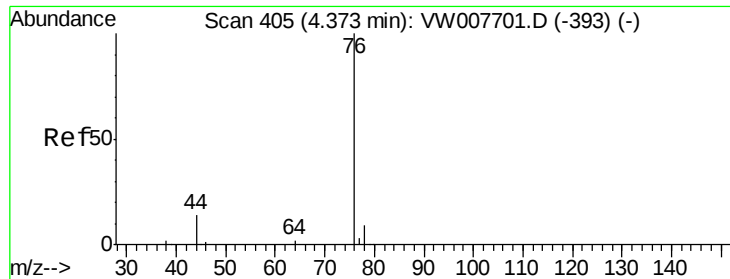
Delta R.T. 0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion:	43	Resp:	14678
Ion	Ratio	Lower	Upper
43	100		
58	33.2	21.2	31.8#





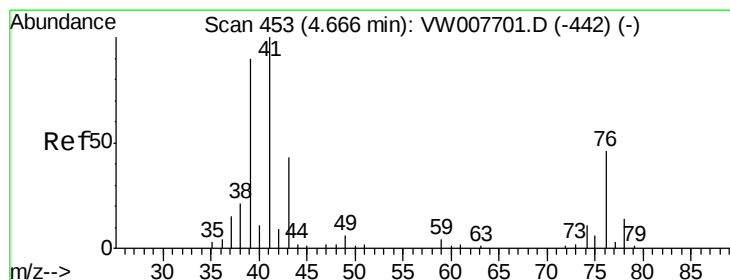
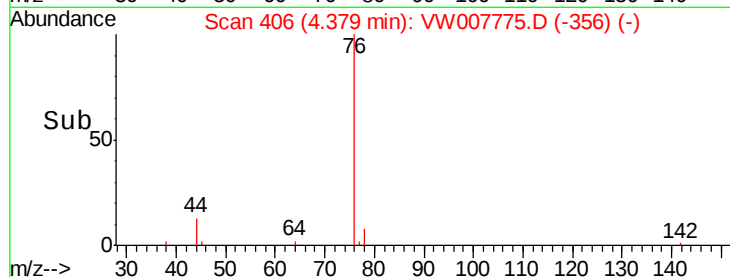
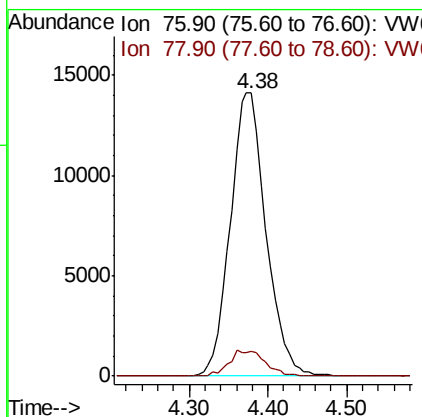
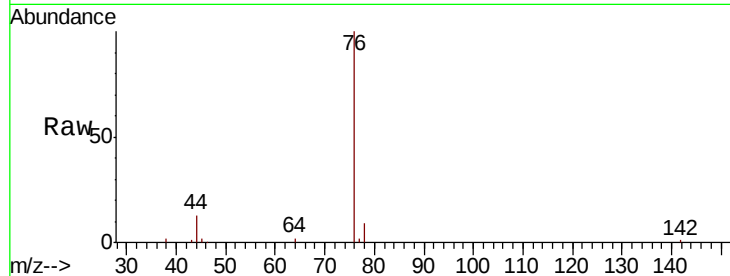
#17
Carbon Disulfide
Concen: 18.976 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion: 76 Resp: 44342
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

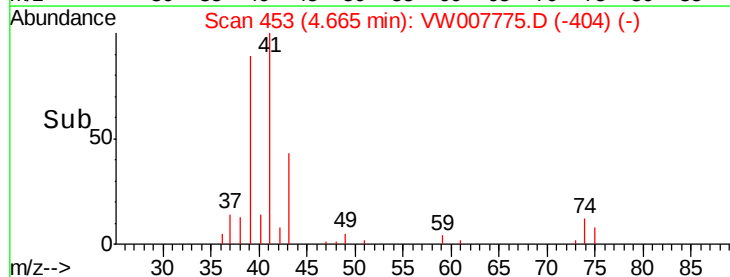
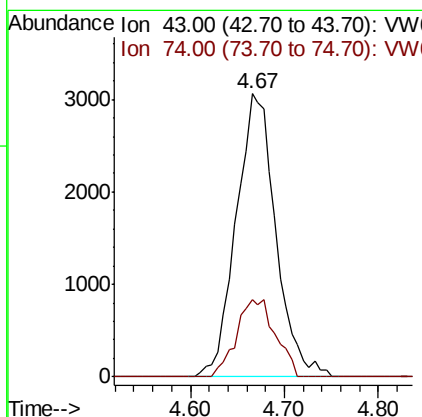
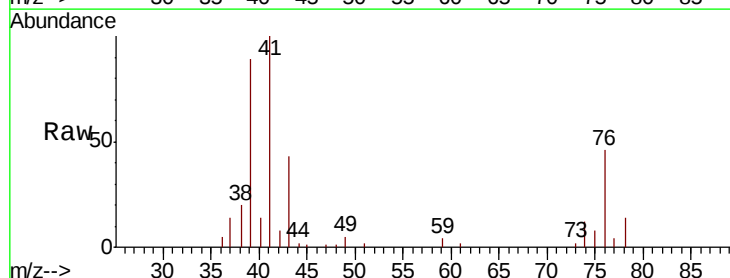
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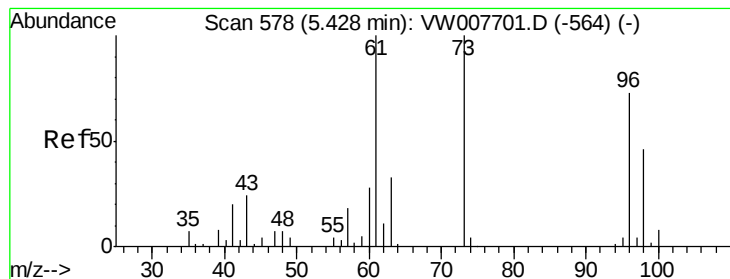
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#18
Methyl Acetate
Concen: 24.113 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 43 Resp: 9008
Ion Ratio Lower Upper
43 100
74 26.8 22.7 34.1





#19

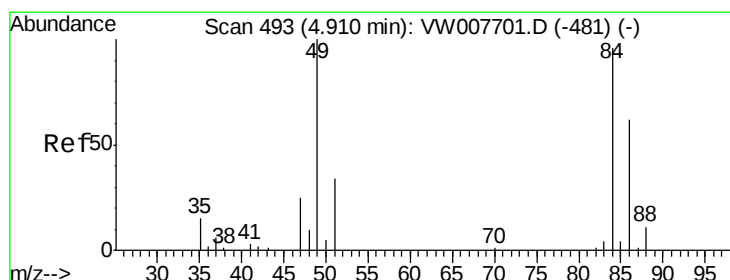
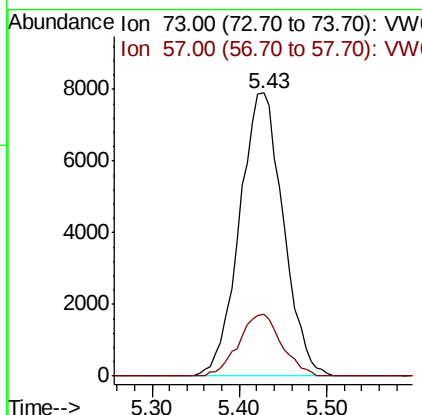
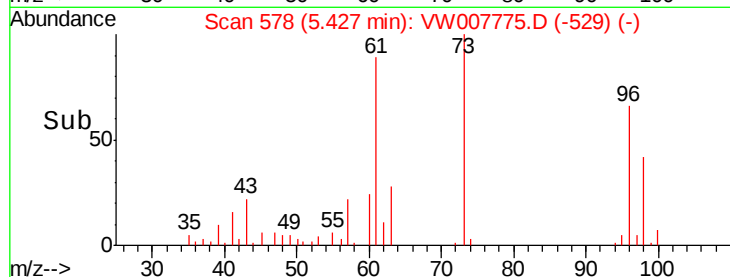
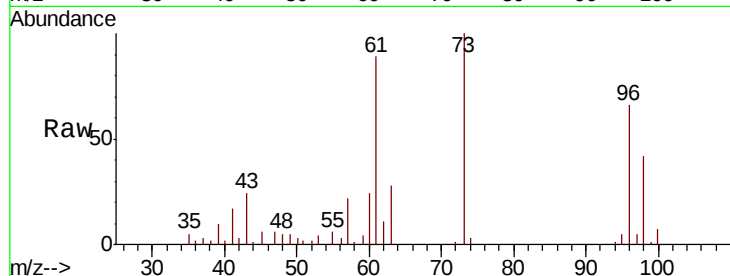
Methyl tert-butyl Ether
 Concen: 25.325 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBSD02

Tgt Ion: 73 Resp: 27454
 Ion Ratio Lower Upper
 73 100
 57 21.9 14.7 22.1

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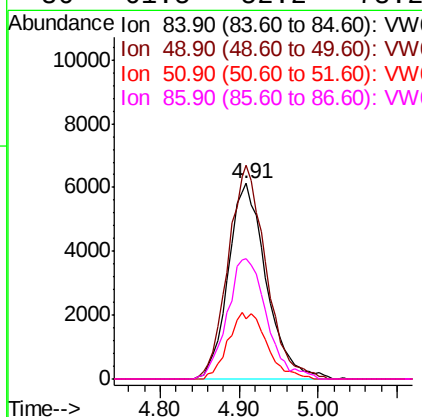
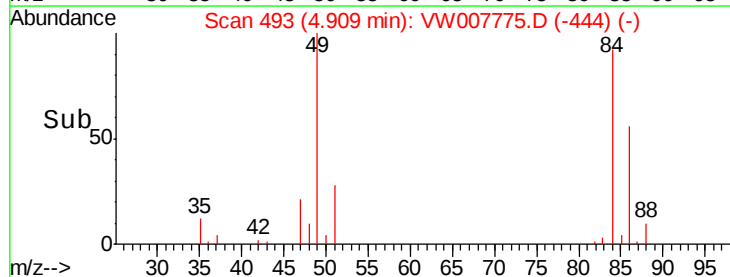
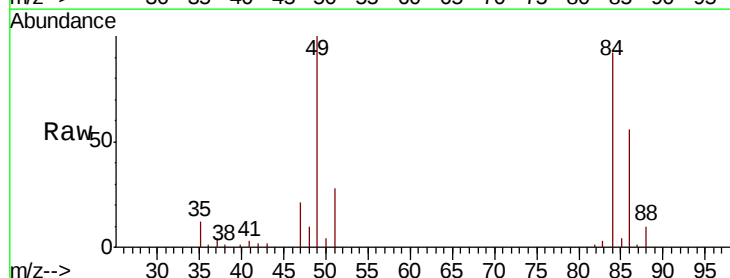
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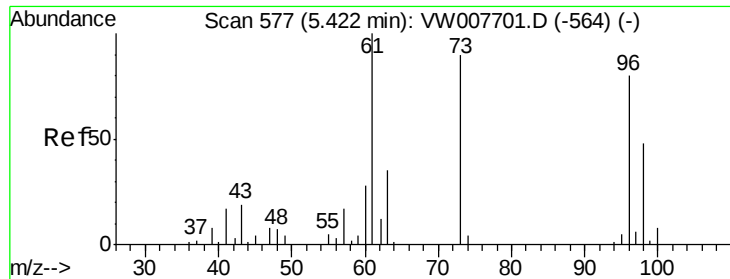


#20

Methylene Chloride
 Concen: 22.659 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion: 84 Resp: 20509
 Ion Ratio Lower Upper
 84 100
 49 109.1 83.7 125.5
 51 30.6 28.2 42.2
 86 61.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.945 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

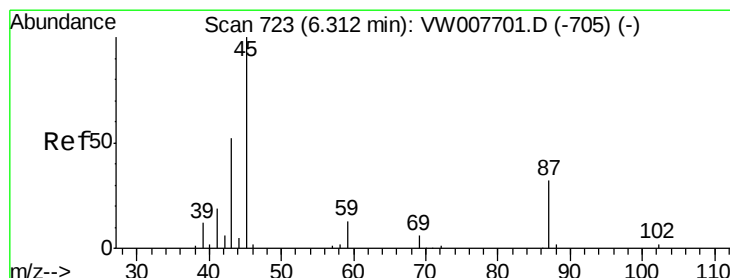
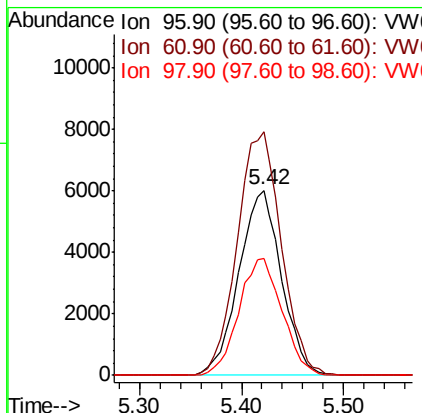
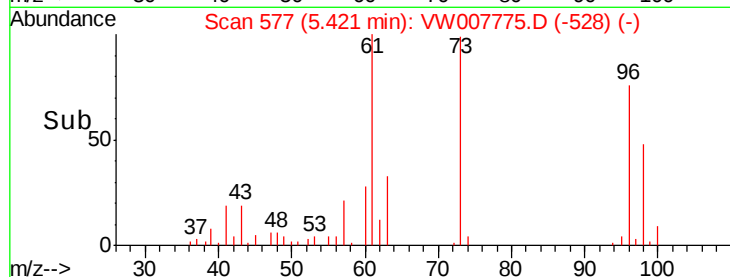
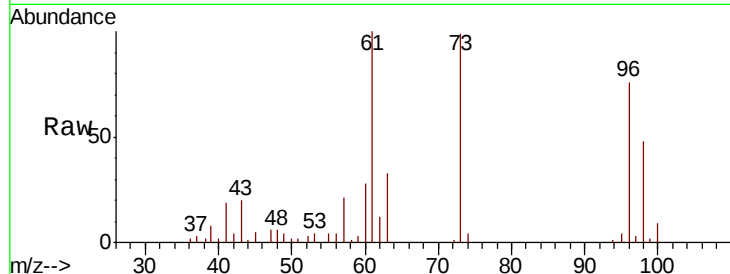
ClientSampleID :

VW1222SBS02

Tgt Ion:	96	Resp:	17394
Ion	Ratio	Lower	Upper
96	100		
61	131.4	100.1	150.1
98	62.8	48.5	72.7

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#22

Diisopropyl ether

Concen: 24.633 ug/l

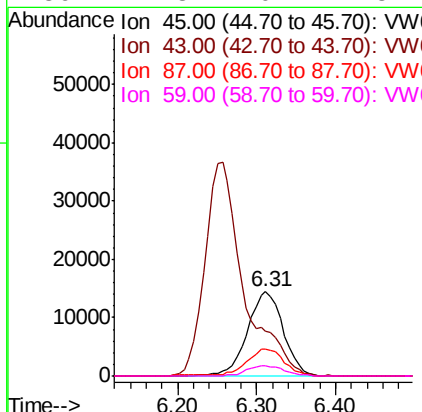
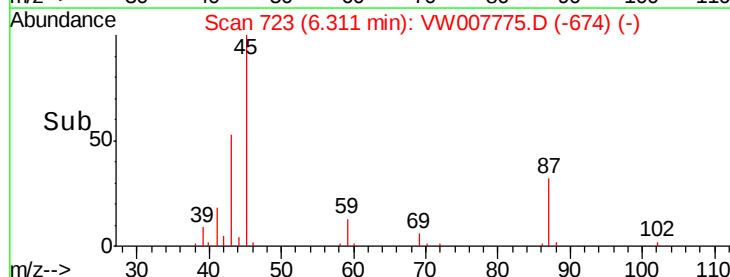
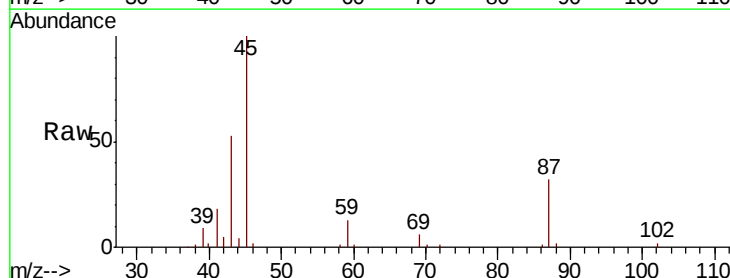
RT: 6.31 min Scan# 723

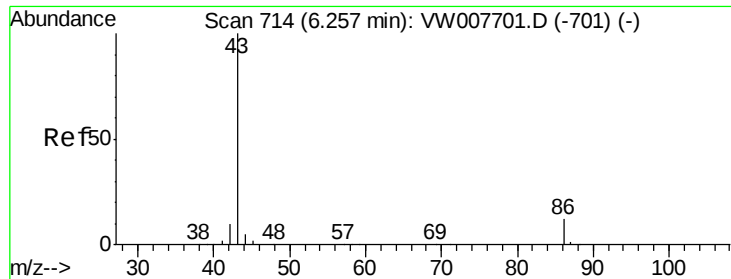
Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion:	45	Resp:	45674
Ion	Ratio	Lower	Upper
45	100		
43	53.0	43.7	65.5
87	32.4	26.6	40.0
59	12.8	10.2	15.2





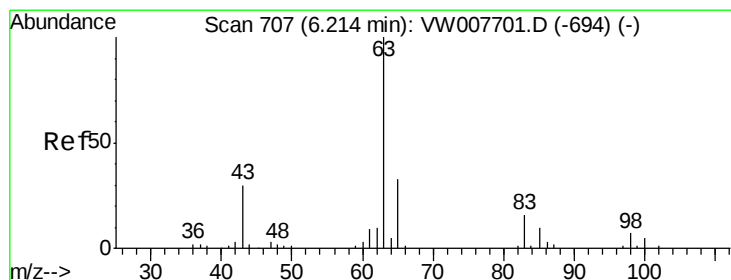
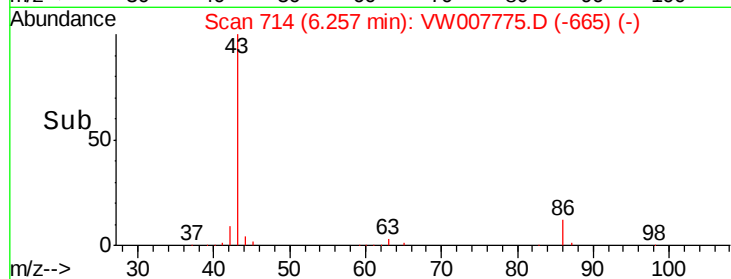
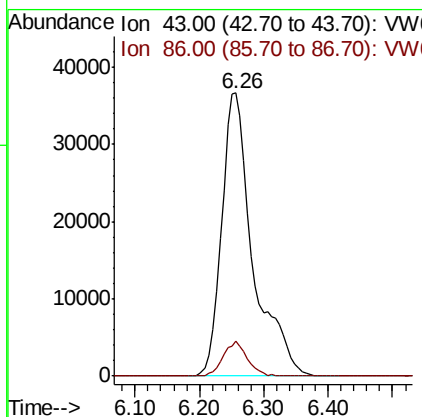
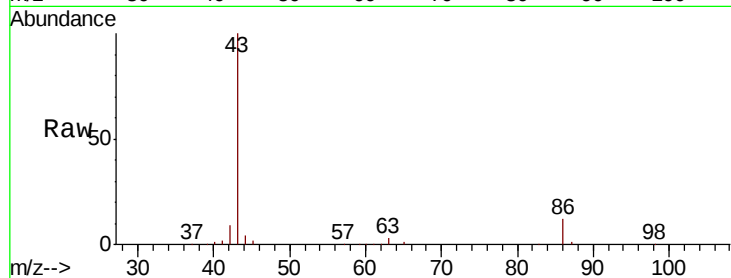
#23
 Vinyl Acetate
 Concen: 113.689 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.6	14.4

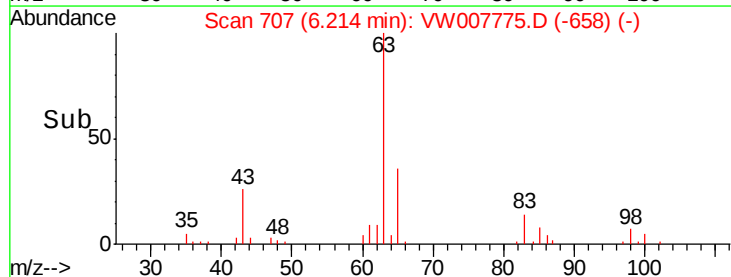
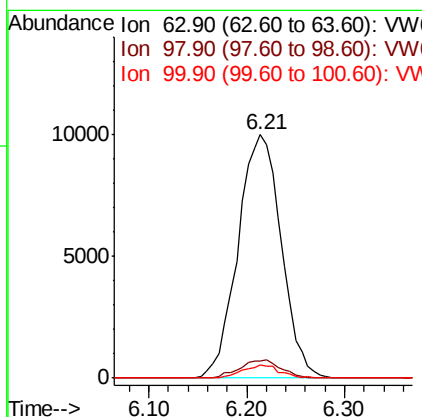
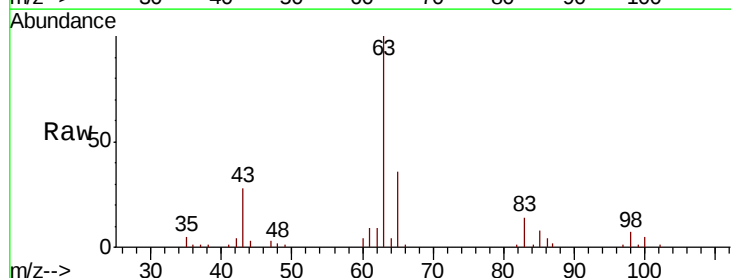
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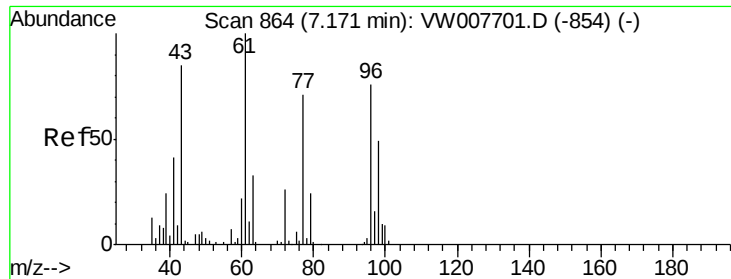
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#24
 1,1-Dichloroethane
 Concen: 22.543 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.9
100	5.2	2.5	7.5





#25

2-Butanone

Concen: 105.266 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 43 Resp: 19368

Ion Ratio Lower Upper

43 100

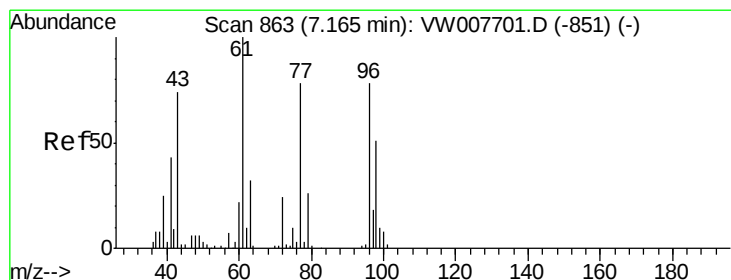
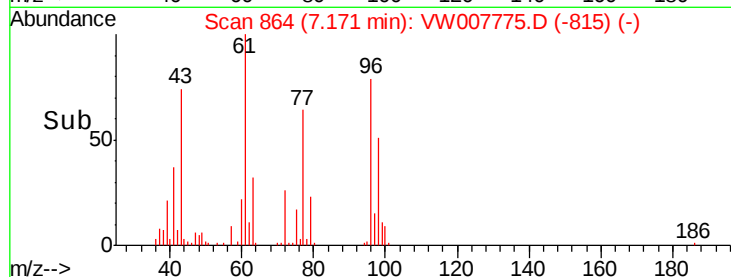
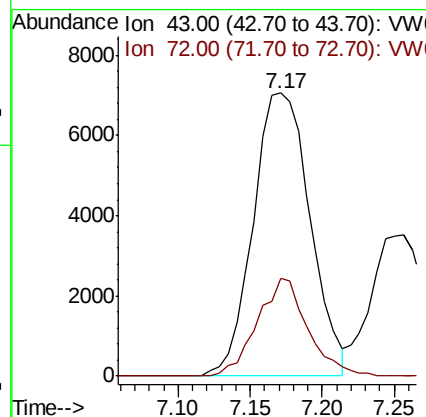
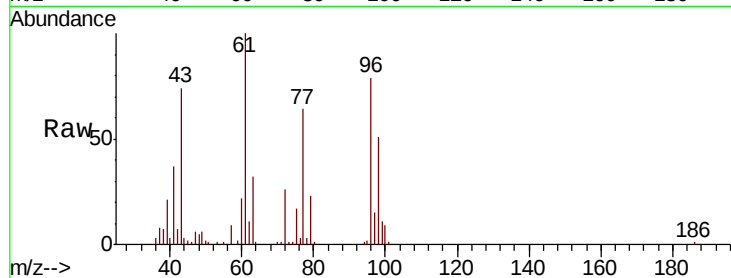
72 34.6 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 19.571 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007775.D

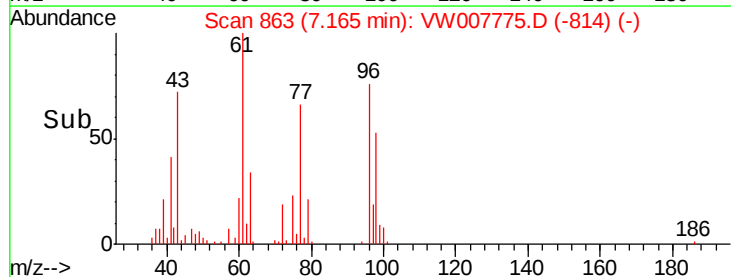
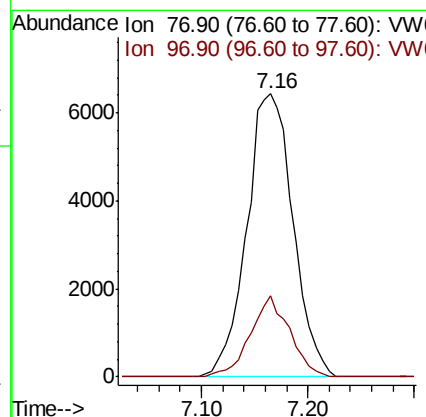
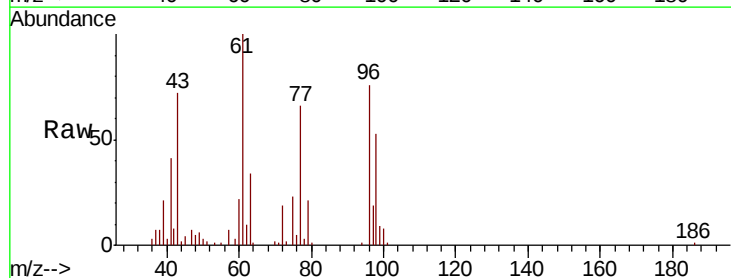
Acq: 21 Dec 2018 06:04

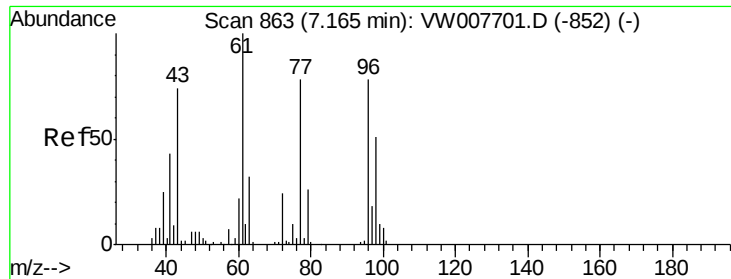
Tgt Ion: 77 Resp: 19535

Ion Ratio Lower Upper

77 100

97 24.3 11.3 33.9





#27

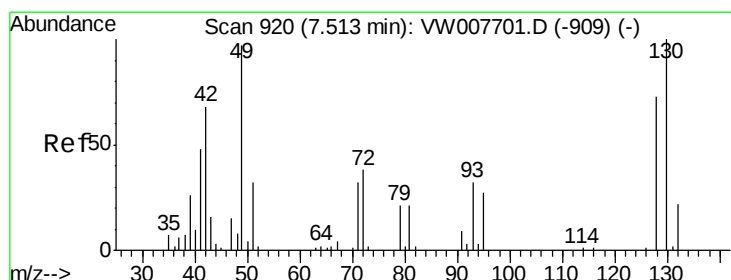
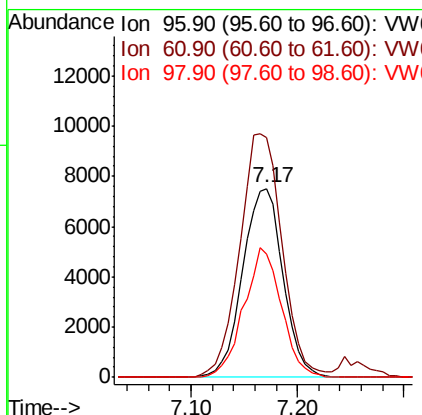
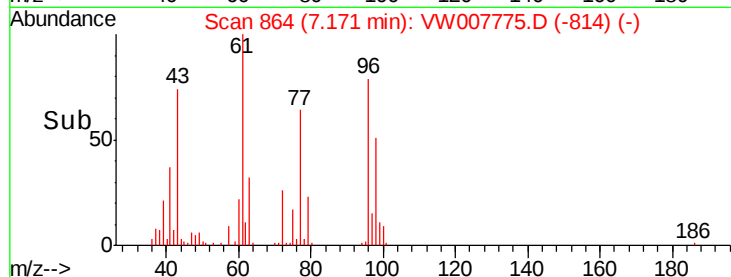
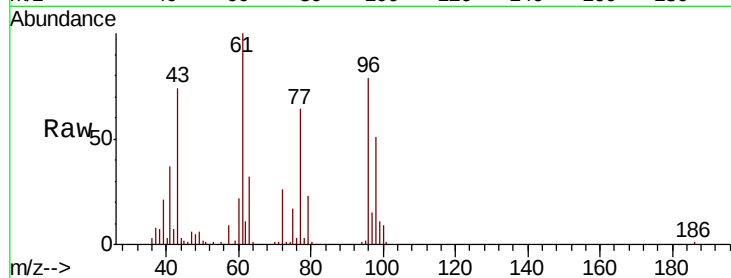
cis-1,2-Dichloroethene
Concen: 22.574 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	271.6
98	64.0	0.0	131.2

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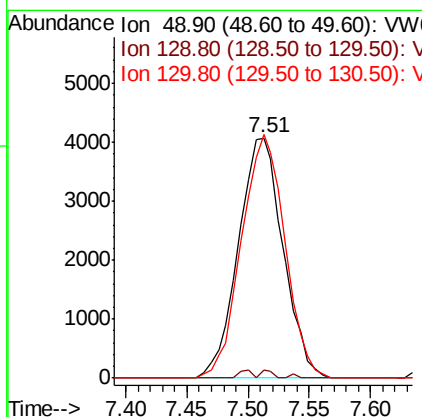
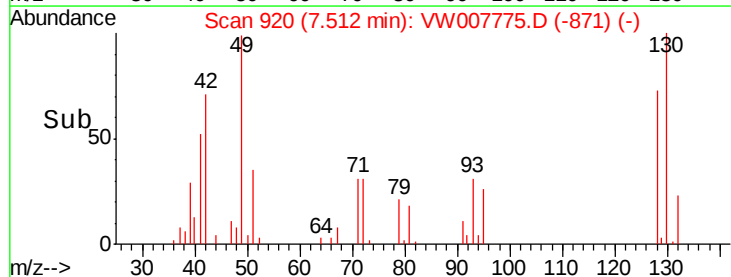
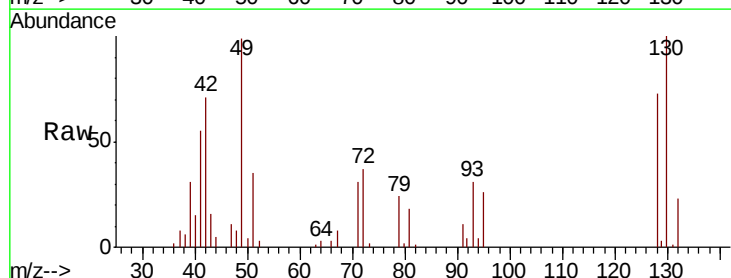
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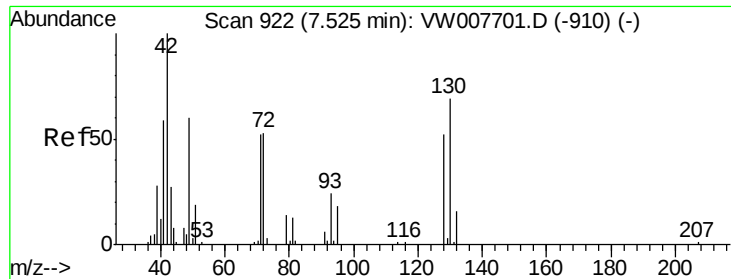


#28

Bromochloromethane
Concen: 22.235 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	98.3	81.5	122.3





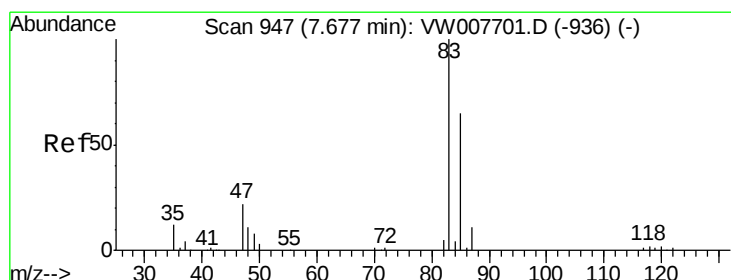
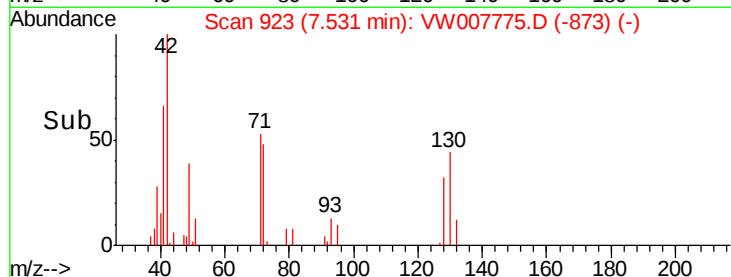
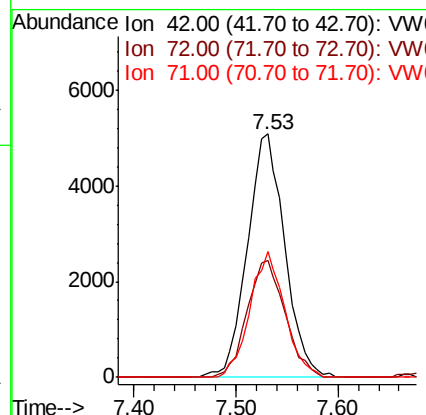
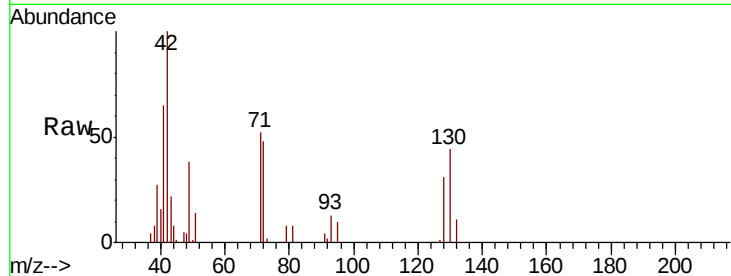
#29
Tetrahydrofuran
Concen: 118.007 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.7	41.7	62.5
71	48.2	39.0	58.6

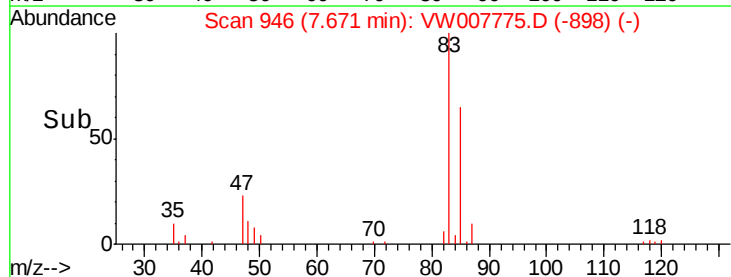
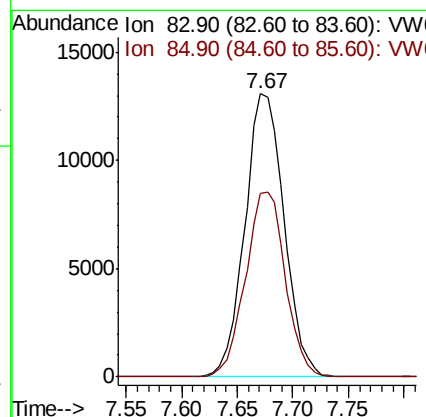
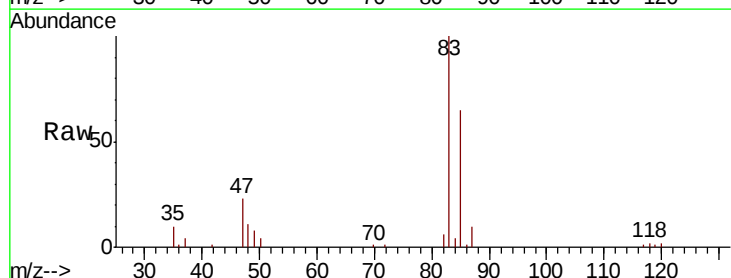
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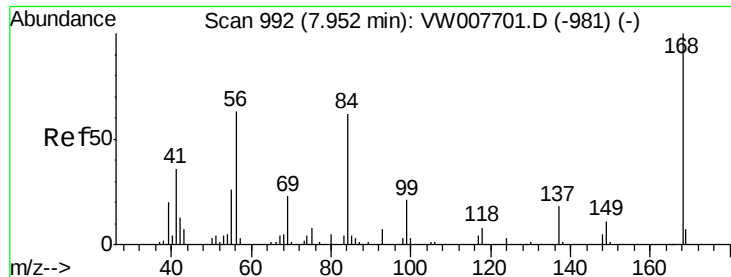
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#30
Chloroform
Concen: 20.782 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.2





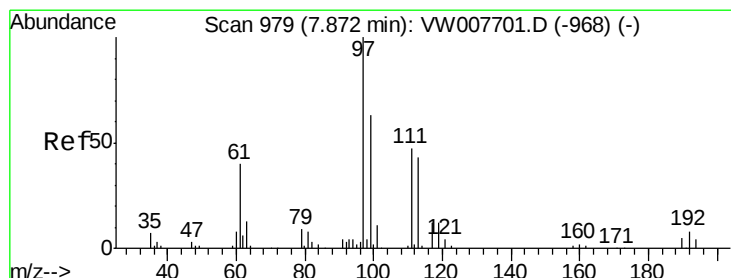
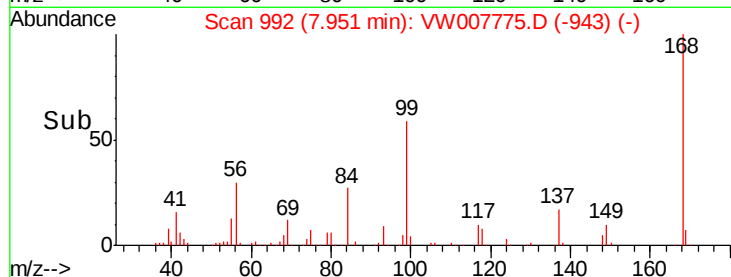
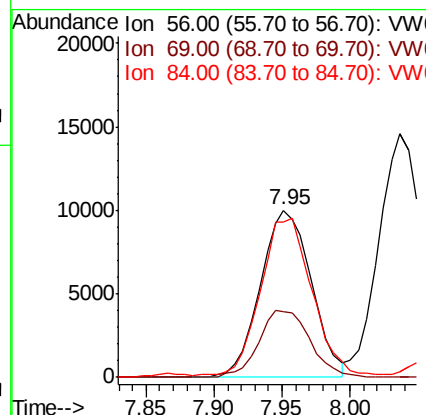
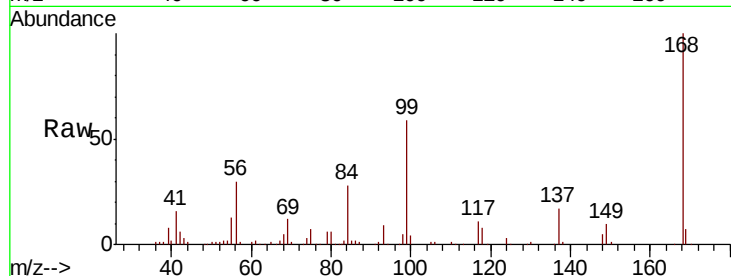
#31
Cyclohexane
Concen: 20.966 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.3	29.7	44.5
84	91.8	78.9	118.3

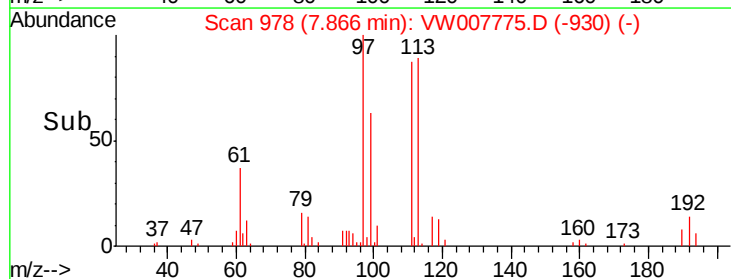
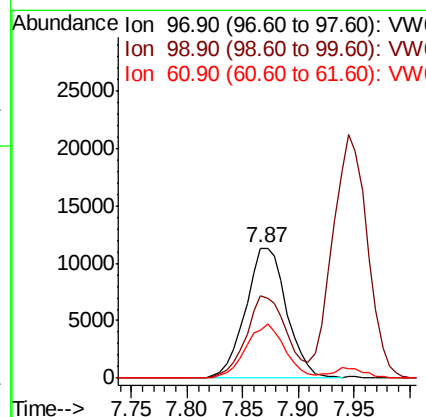
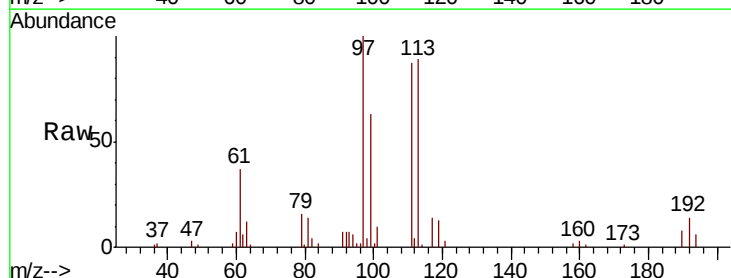
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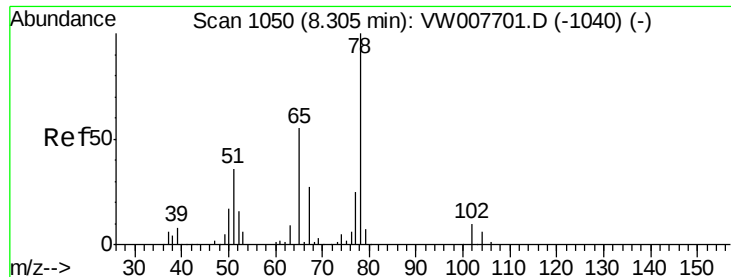
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#32
1,1,1-Trichloroethane
Concen: 20.607 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	39.5	32.3	48.5





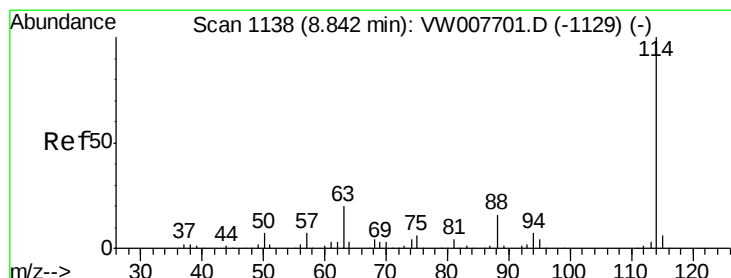
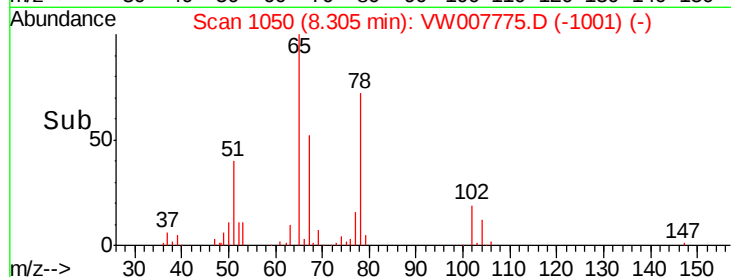
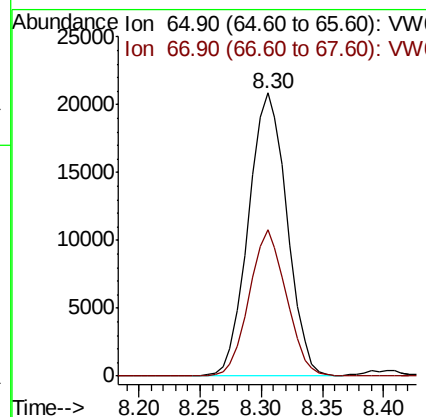
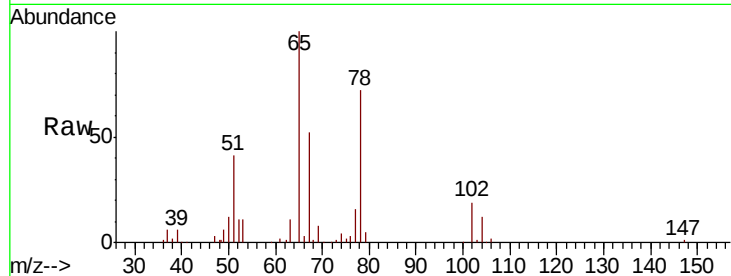
#33
 1,2-Dichloroethane-d4
 Concen: 54.589 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	45792		
67	49.8	0.0	100.6	

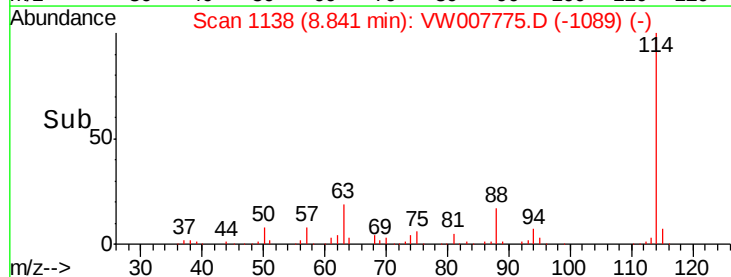
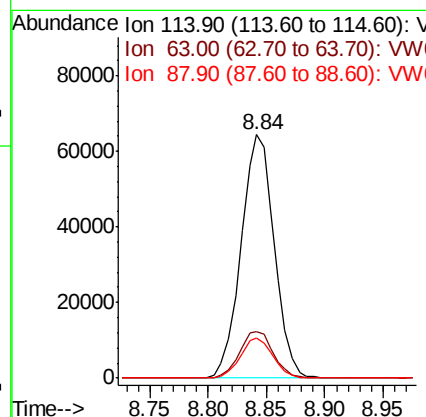
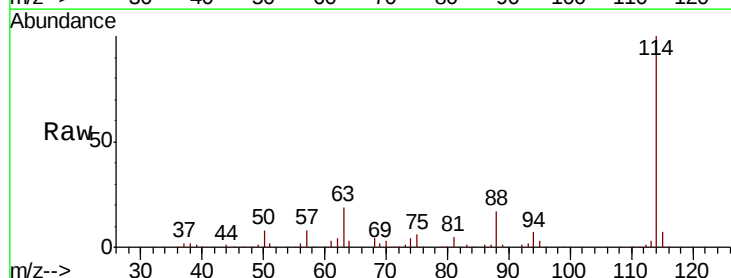
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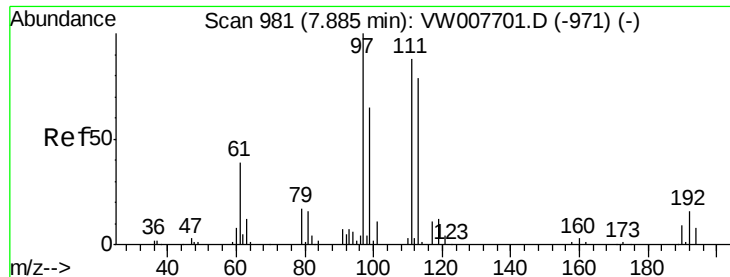
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	127449		
63	19.3	0.0	40.0	
88	16.5	0.0	32.6	





#35

Dibromofluoromethane

Concen: 55.152 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

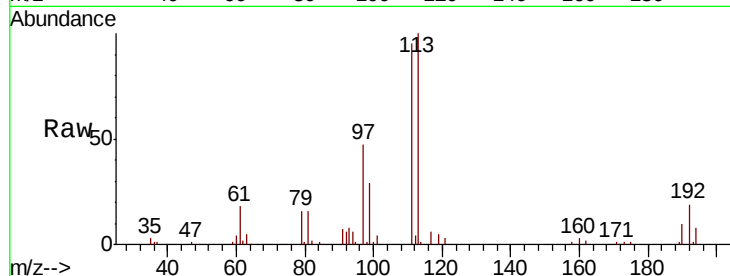
ClientSampleId :

VW1222SBSD02

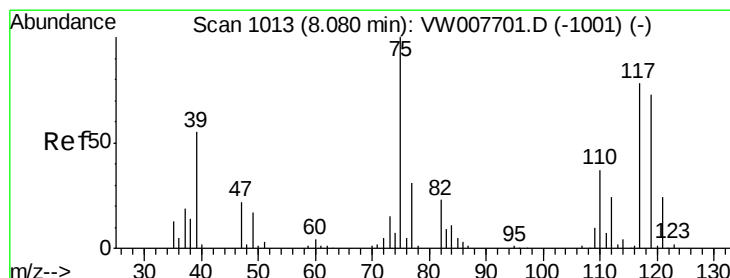
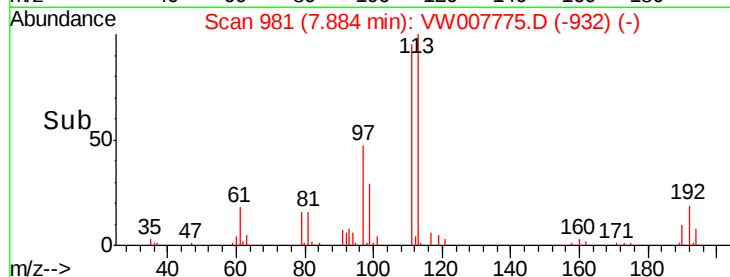
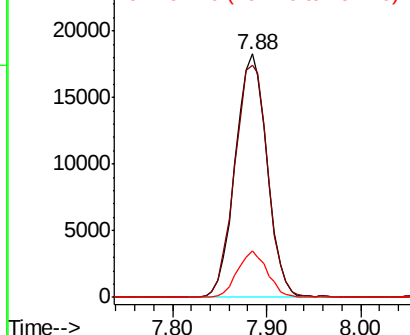
Tgt Ion:	113	Resp:	42881
Ion Ratio	Lower	Upper	
113	100		
111	99.8	82.6	124.0
192	18.1	15.5	23.3

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



#36

1,1-Dichloropropene

Concen: 20.053 ug/l

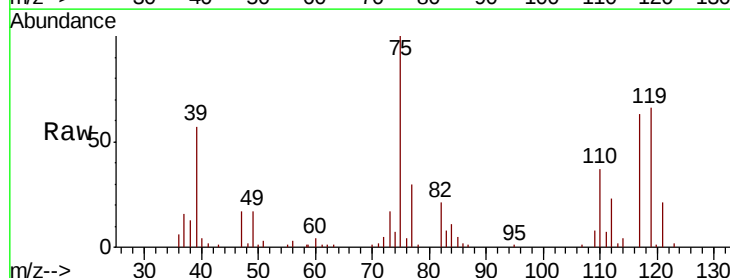
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

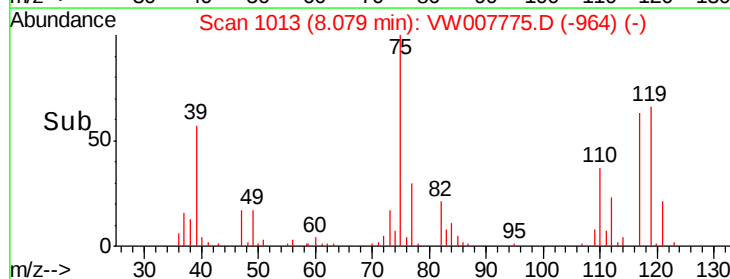
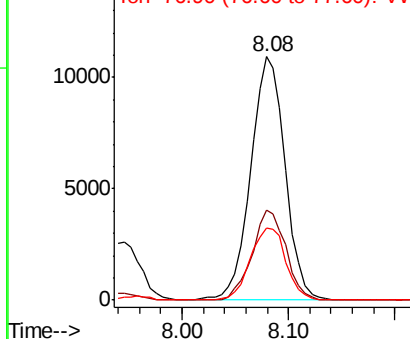
Lab File: VW007775.D

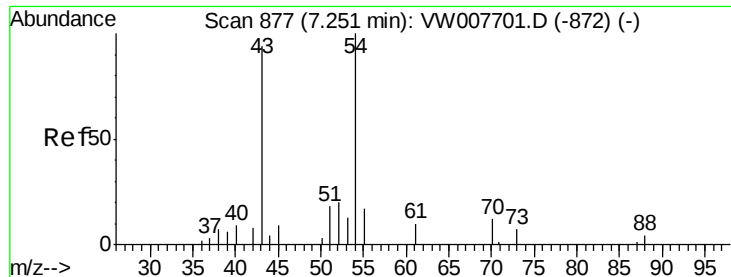
Acq: 21 Dec 2018 06:04

Tgt Ion:	75	Resp:	24668
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.6	55.8
77	31.0	25.0	37.4



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





#37

Ethyl Acetate

Concen: 23.355 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

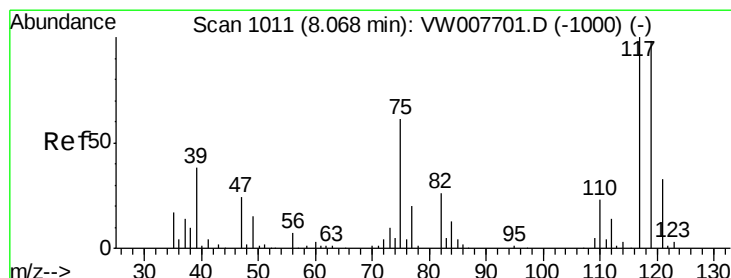
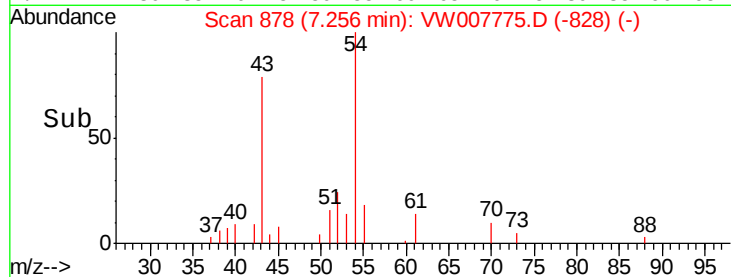
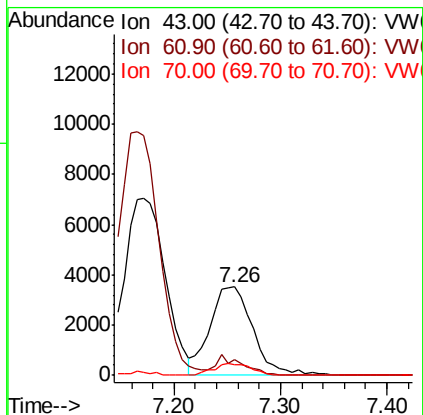
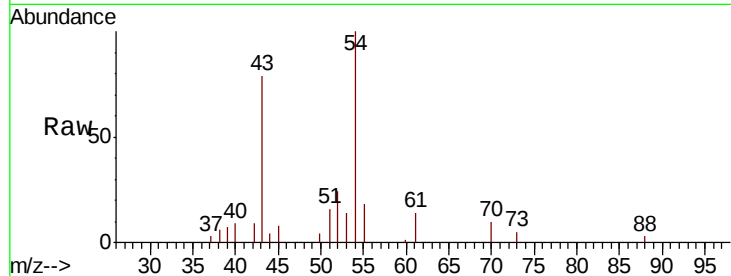
ClientSampleId :

VW1222SBS02

Tgt Ion:	43	Resp:	9915
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.2	16.8
70	11.8	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 17.541 ug/l

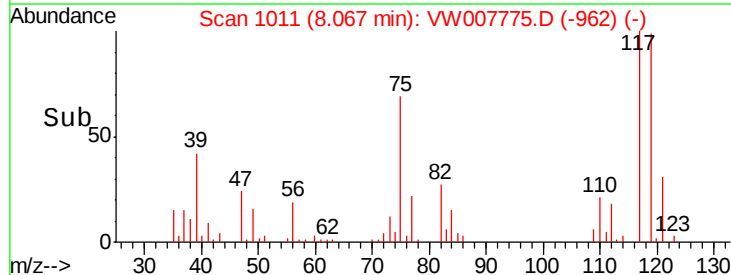
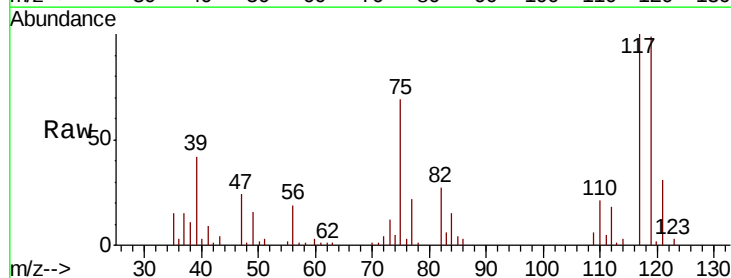
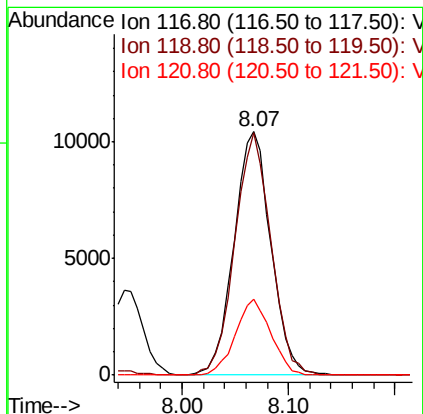
RT: 8.07 min Scan# 1011

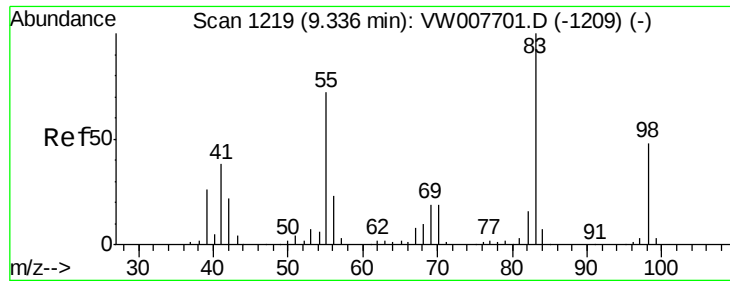
Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion:	117	Resp:	25411
Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.2	117.2
121	31.1	26.1	39.1





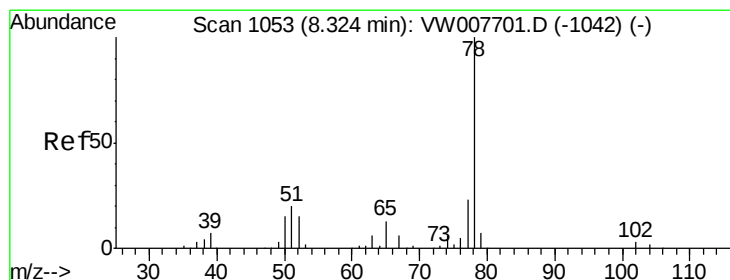
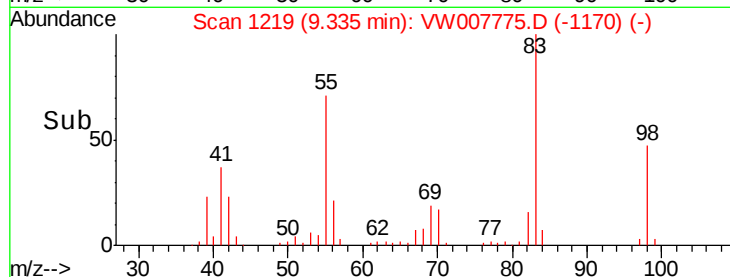
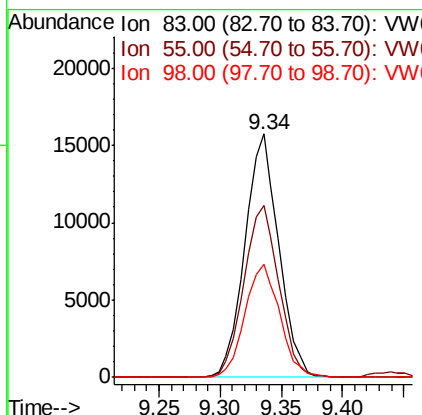
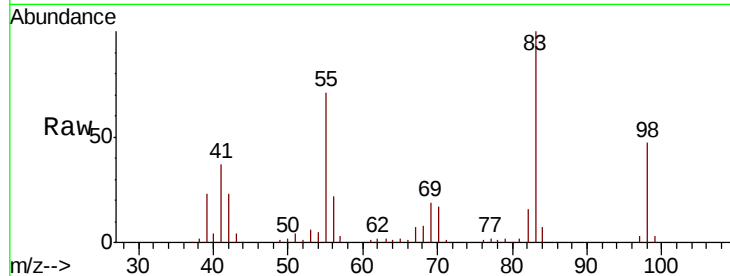
#39
Methylcyclohexane
Concen: 19.815 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.5	57.2	85.8
98	46.6	38.6	58.0

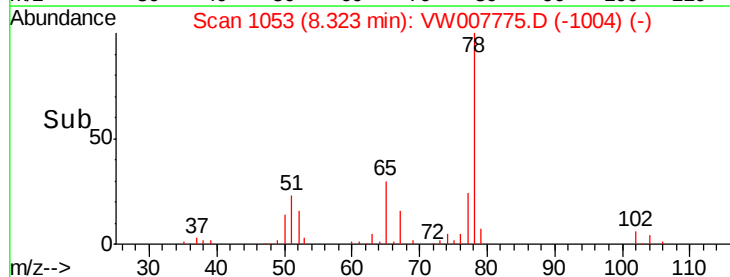
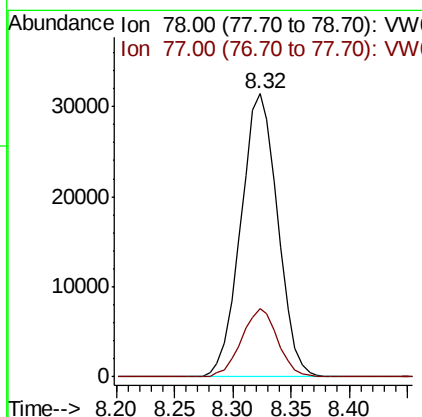
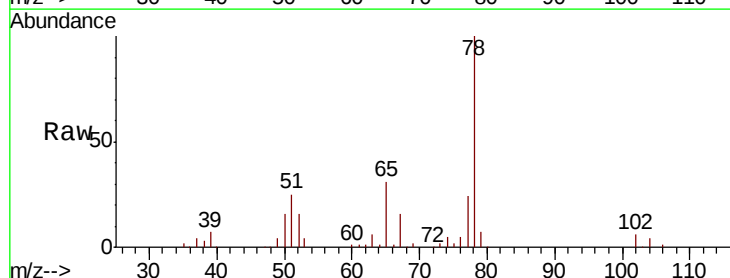
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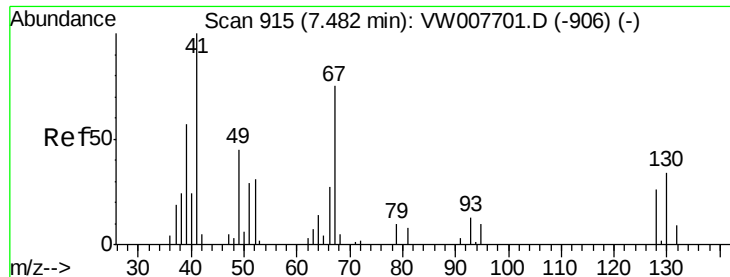
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#40
Benzene
Concen: 21.140 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





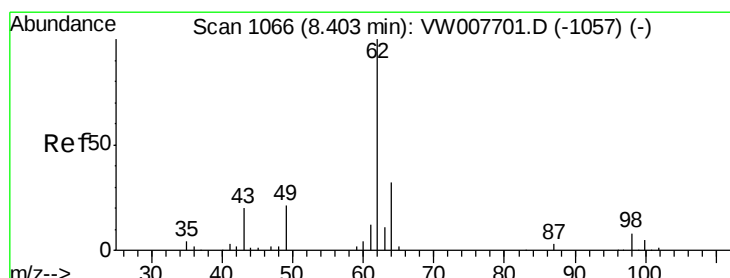
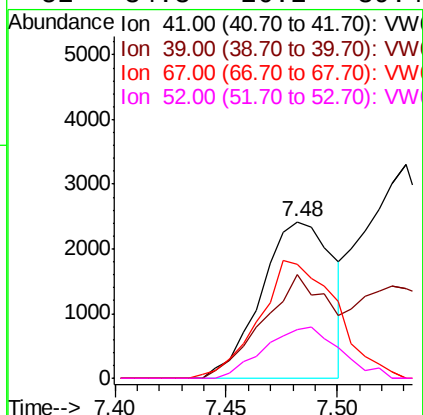
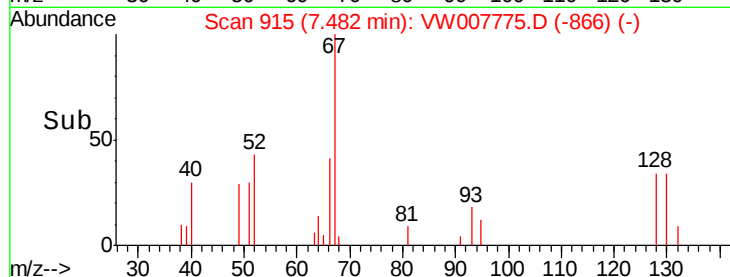
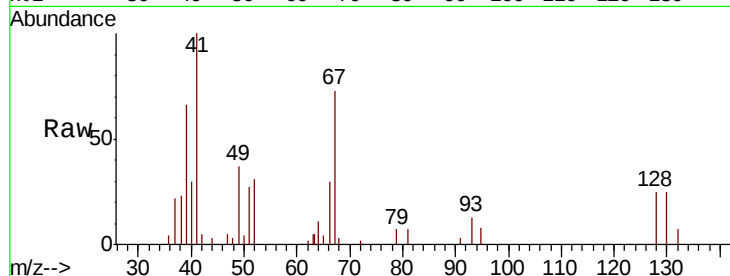
#41
Methacrylonitrile
Concen: 22.483 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.0	54.2	81.4
67	80.8	65.7	98.5
52	34.3	26.2	39.4

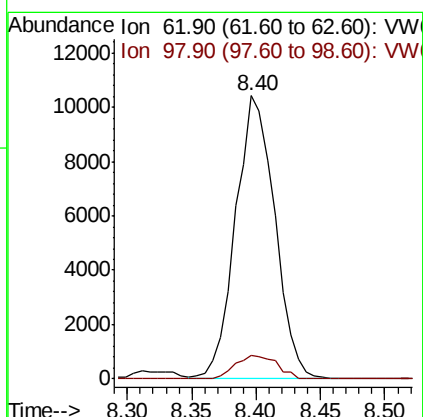
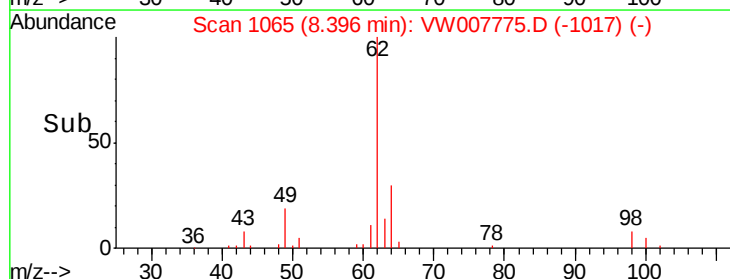
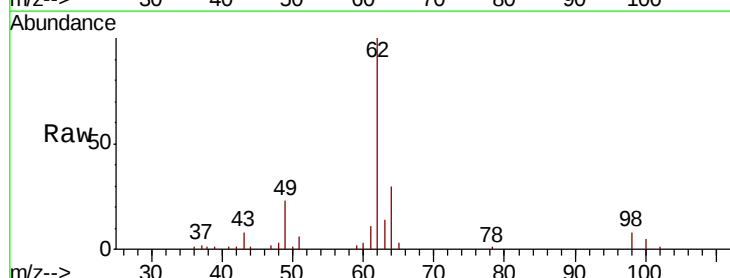
Manual Integrations
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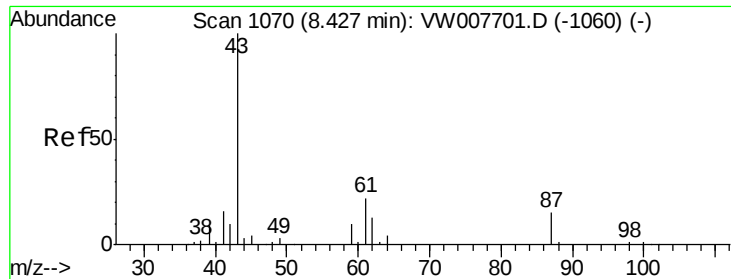
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#42
1,2-Dichloroethane
Concen: 20.056 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 22.327 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

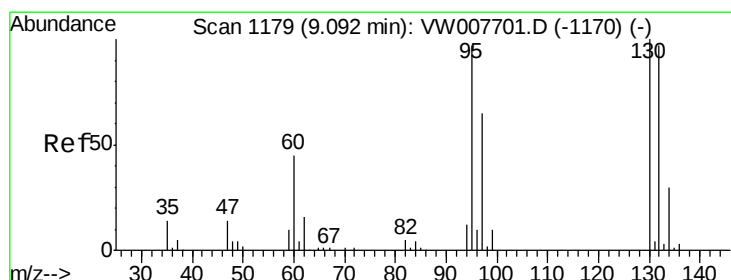
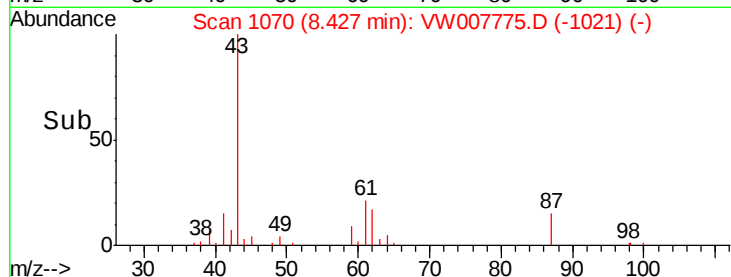
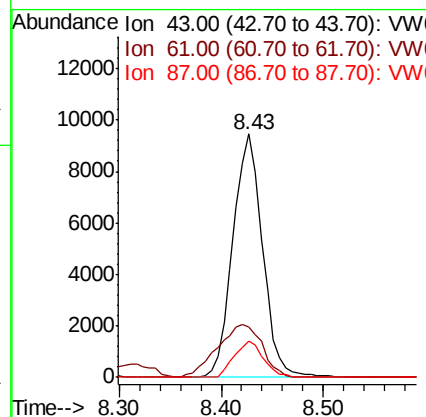
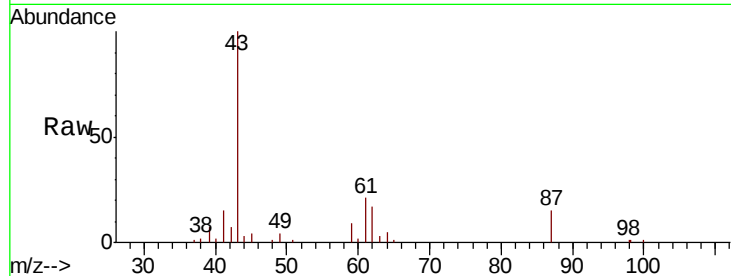
ClientSampleId :

VW1222SBSD02

Tgt Ion:	43	Resp:	18990
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.3	39.5
87	14.6	12.0	18.0

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#44

Trichloroethene

Concen: 20.258 ug/l

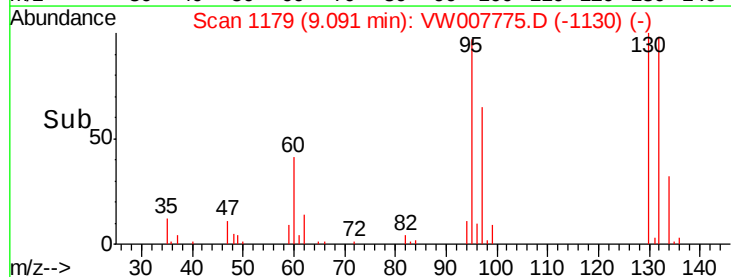
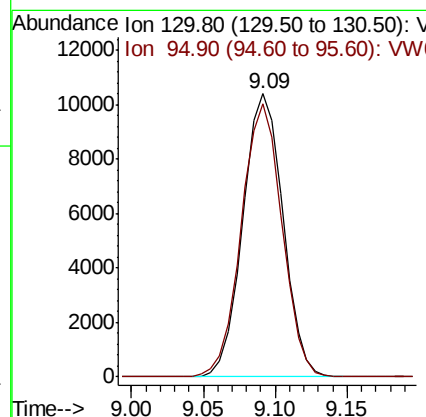
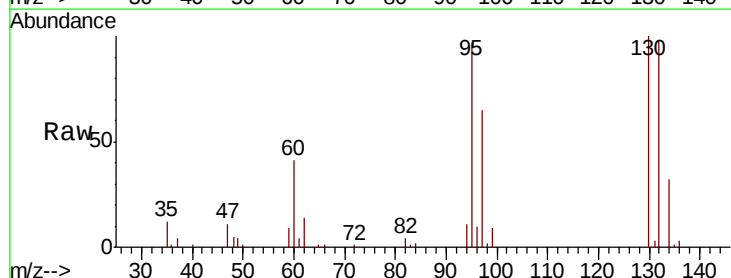
RT: 9.09 min Scan# 1179

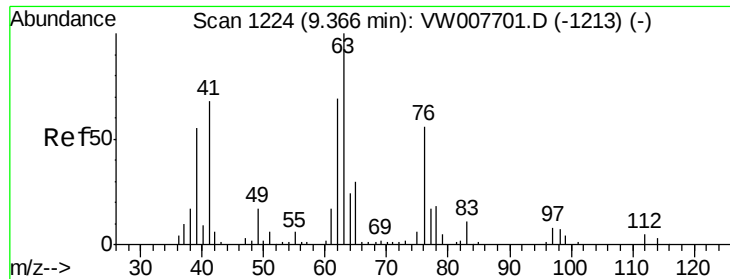
Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion:	130	Resp:	20110
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	194.8





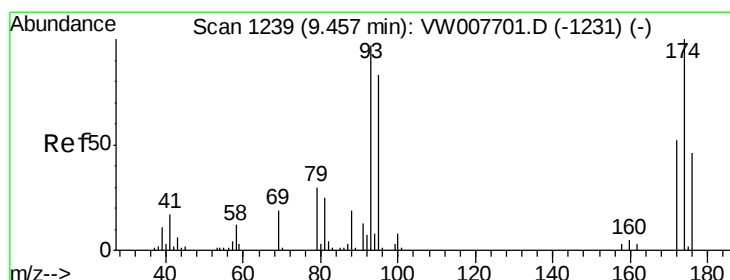
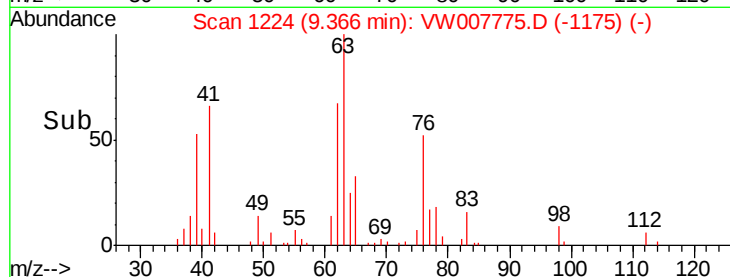
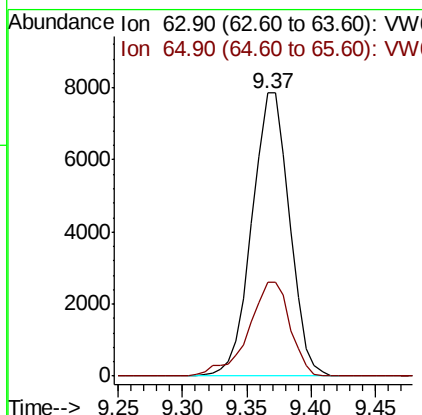
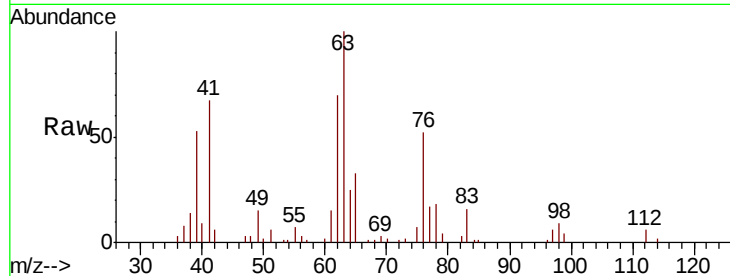
#45
 1,2-Dichloropropane
 Concen: 21.797 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 63 Resp: 15876
 Ion Ratio Lower Upper
 63 100
 65 33.0 23.8 35.8

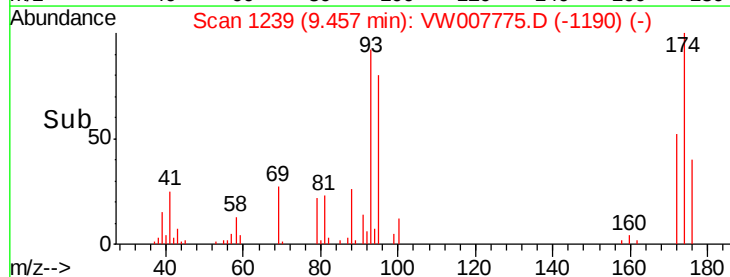
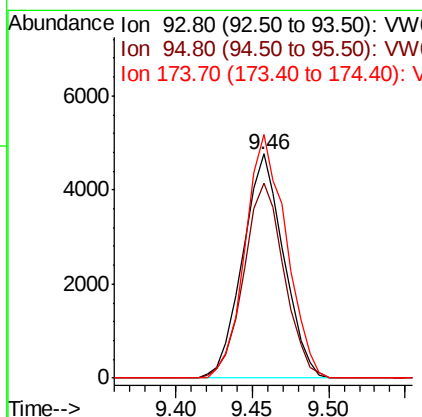
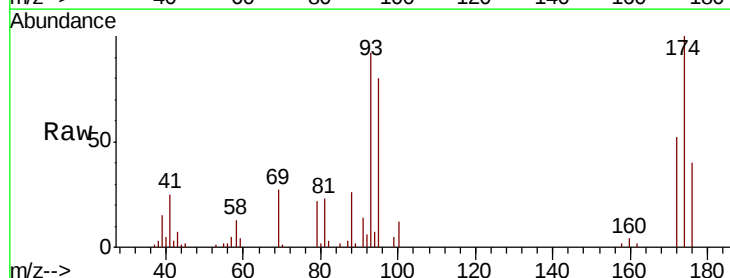
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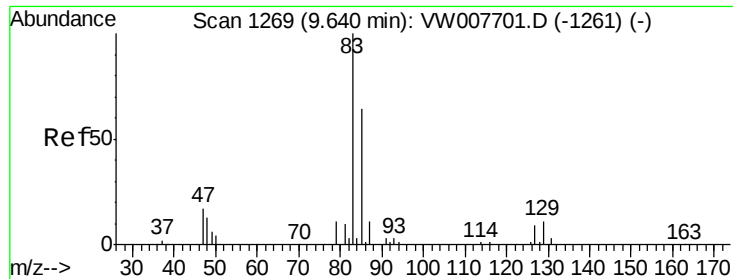
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#46
 Dibromomethane
 Concen: 19.730 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion: 93 Resp: 8846
 Ion Ratio Lower Upper
 93 100
 95 86.1 67.5 101.3
 174 109.0 83.9 125.9





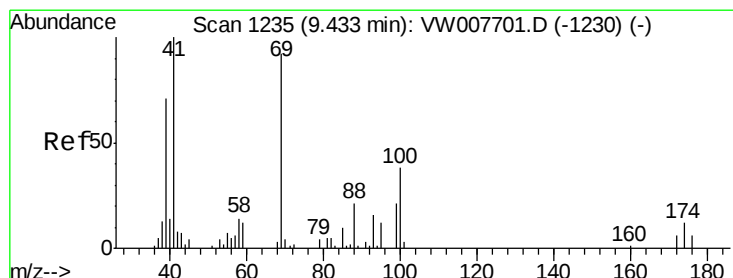
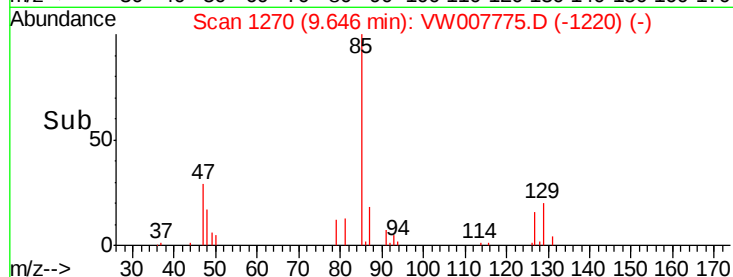
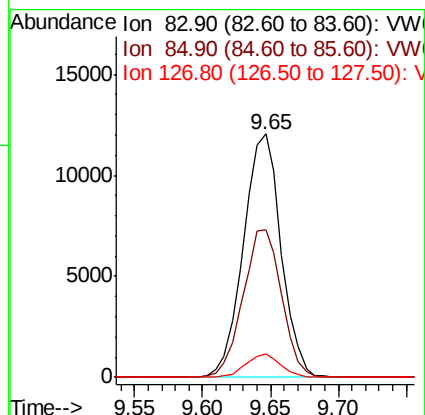
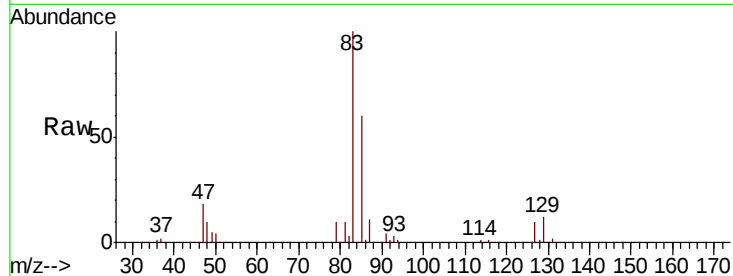
#47
Bromodichloromethane
Concen: 19.787 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	23323		
85	60.4	51.4	77.0	
127	9.6	7.5	11.3	

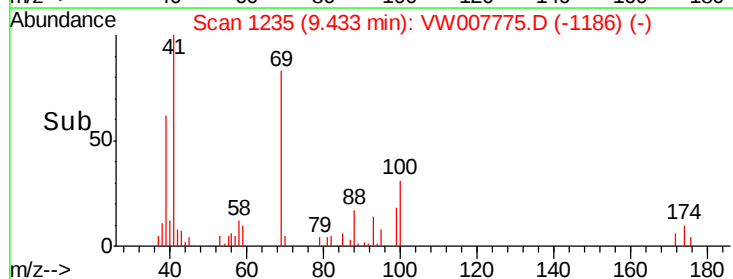
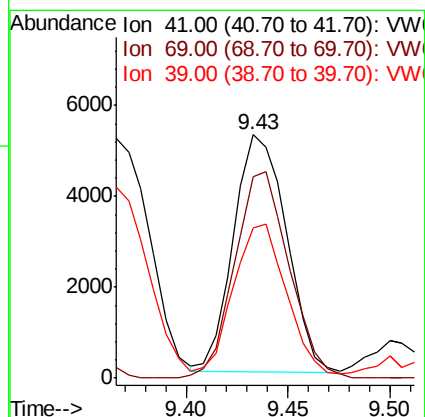
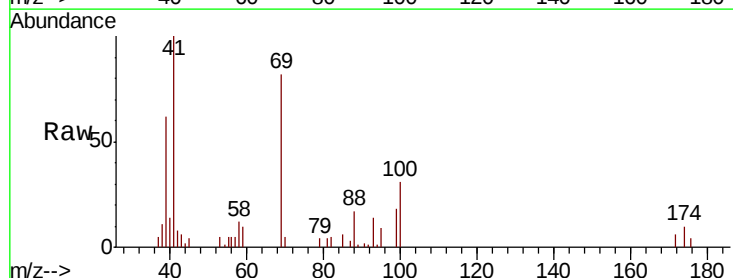
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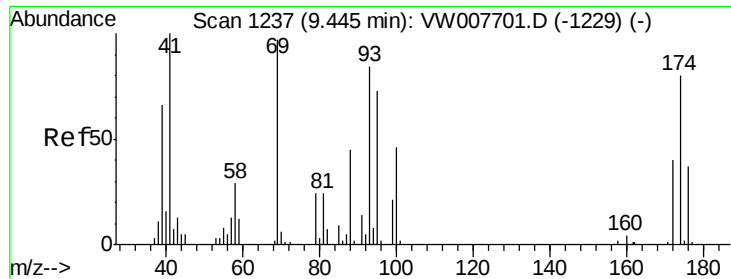
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#48
Methyl methacrylate
Concen: 22.057 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9364		
69	90.0	74.2	111.2	
39	66.8	53.9	80.9	





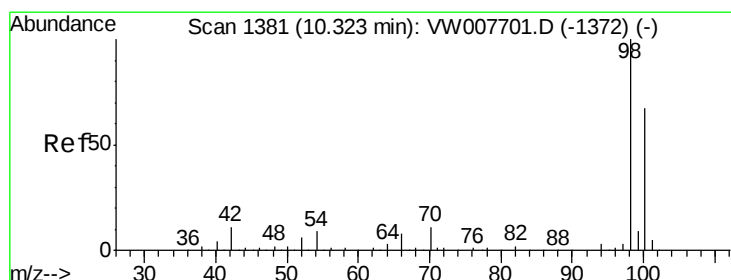
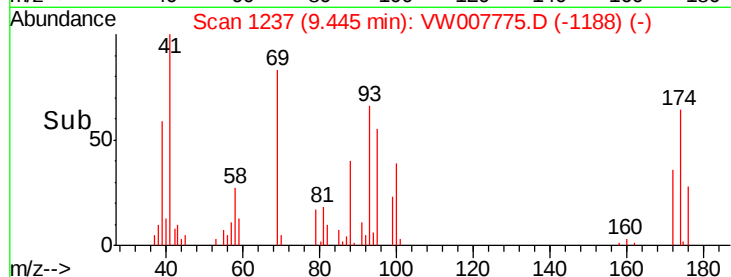
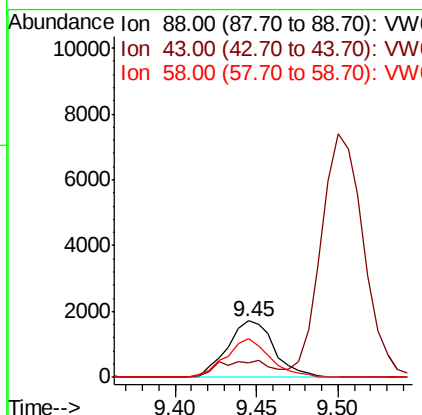
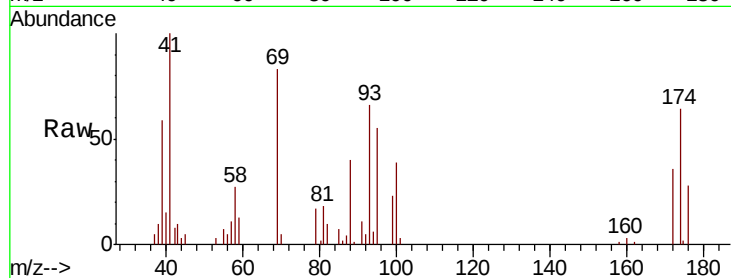
#49
1,4-Dioxane
Concen: 475.625 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.6	38.4
58	65.2	52.3	78.5

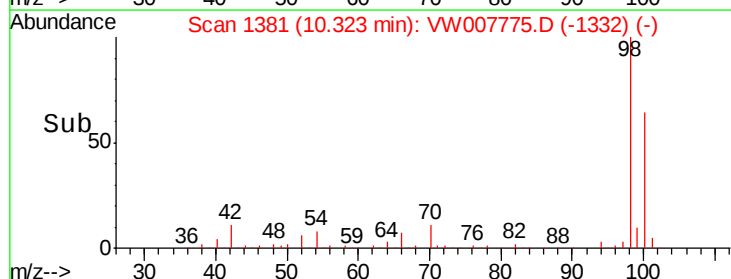
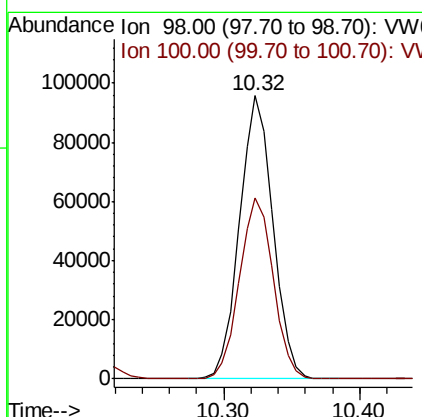
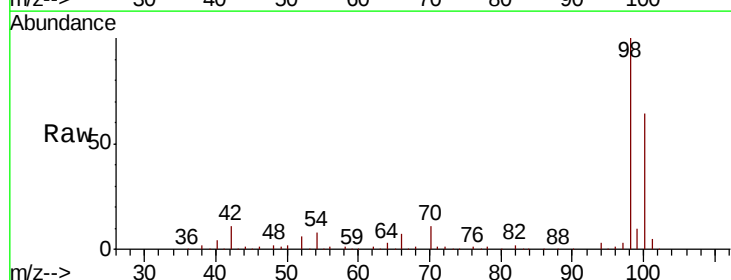
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#50
Toluene-d8
Concen: 55.940 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





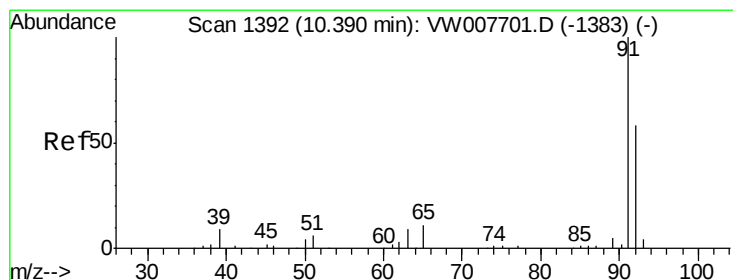
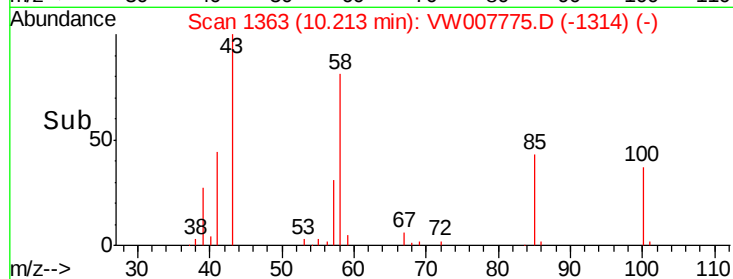
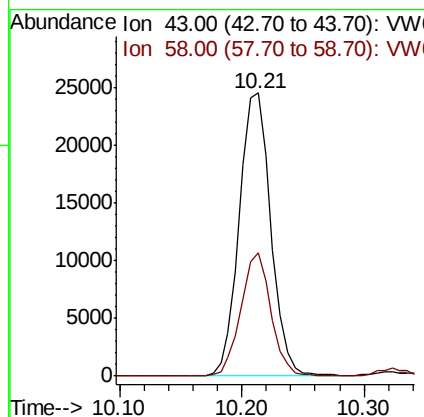
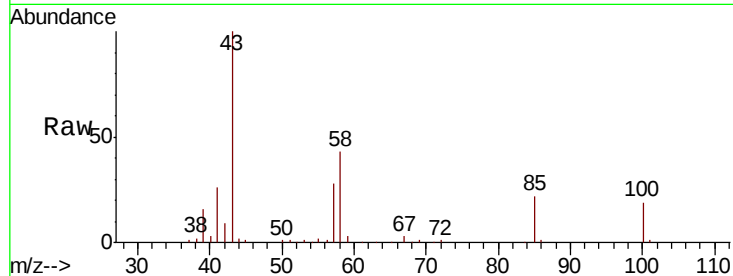
#51
4-Methyl-2-Pentanone
Concen: 109.365 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion: 43 Resp: 43960
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8

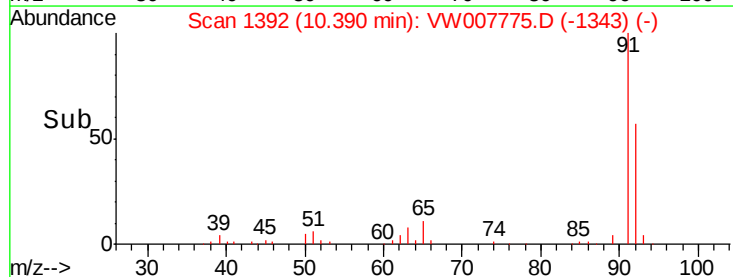
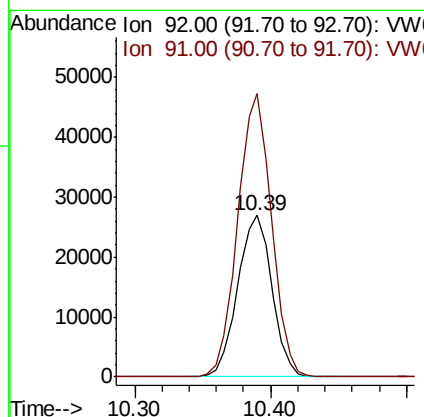
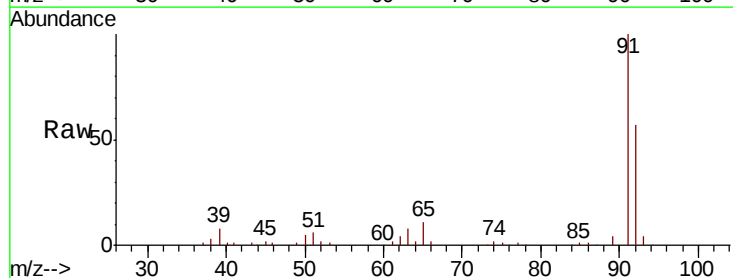
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#52
Toluene
Concen: 21.466 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 92 Resp: 47275
Ion Ratio Lower Upper
92 100
91 173.2 137.0 205.4





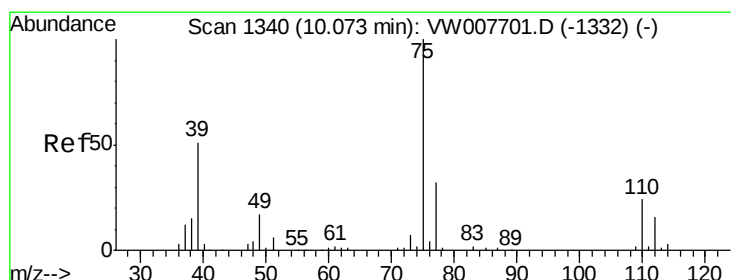
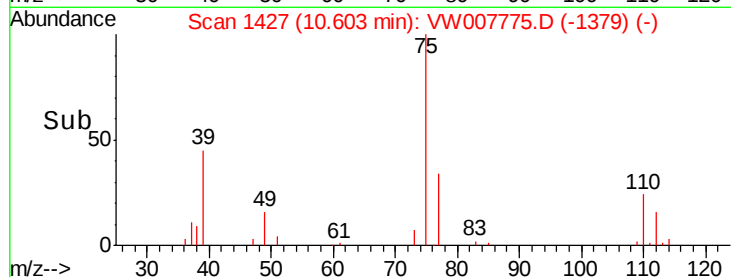
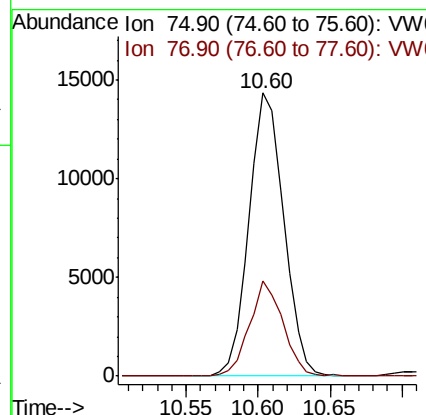
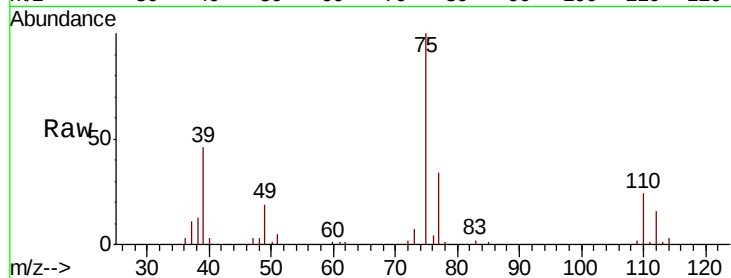
#53
 t-1,3-Dichloropropene
 Concen: 20.471 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 75 Resp: 24001
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.2 37.8

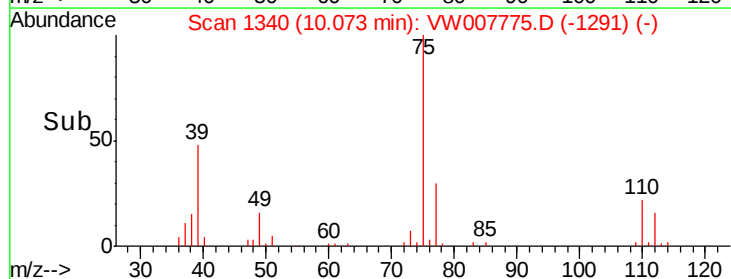
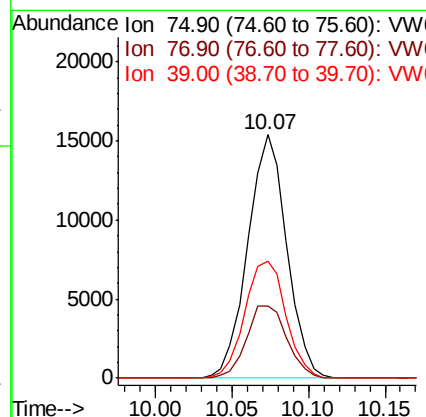
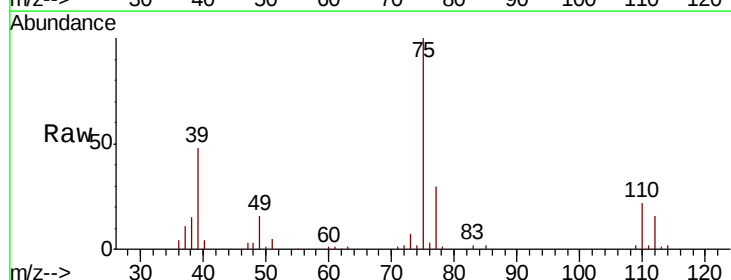
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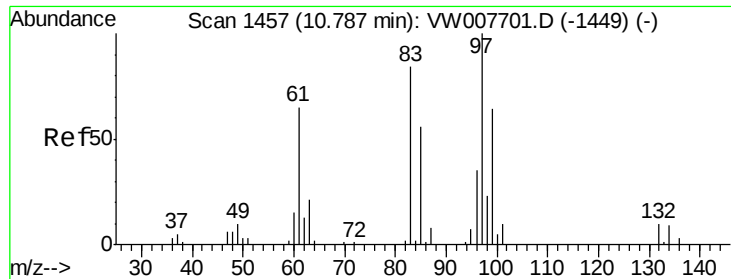
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#54
 cis-1,3-Dichloropropene
 Concen: 21.022 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion: 75 Resp: 27224
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.5 38.3
 39 48.2 41.2 61.8





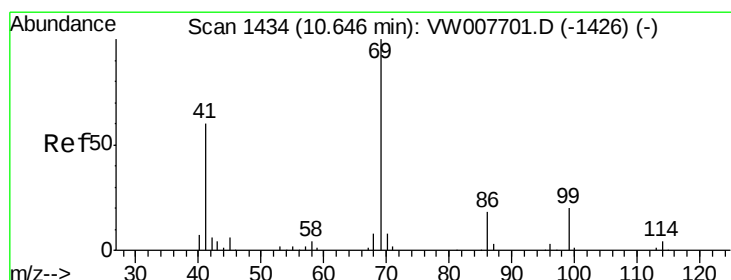
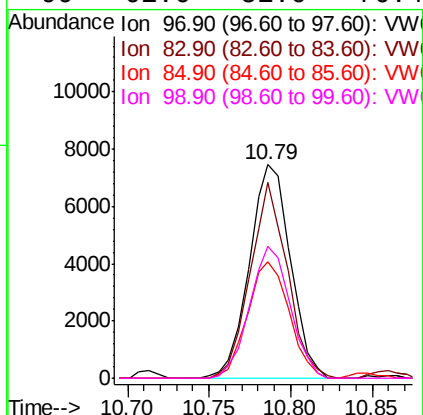
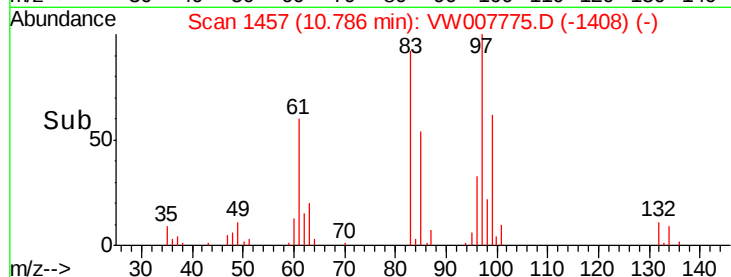
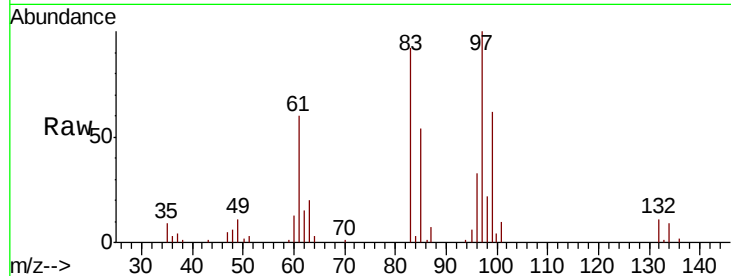
#55
1,1,2-Trichloroethane
Concen: 21.115 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion:	97	Resp:	13051
Ion	Ratio	Lower	Upper
97	100		
83	92.0	67.5	101.3
85	54.3	44.8	67.2
99	61.6	51.0	76.4

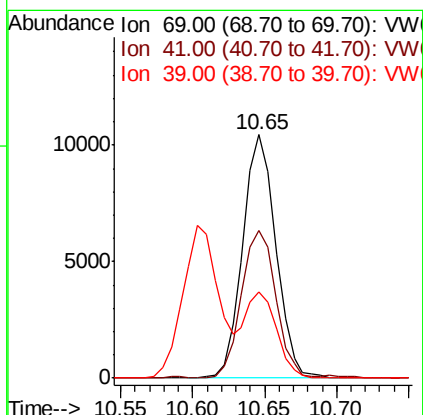
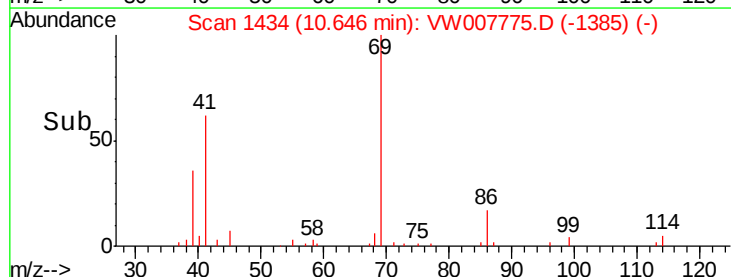
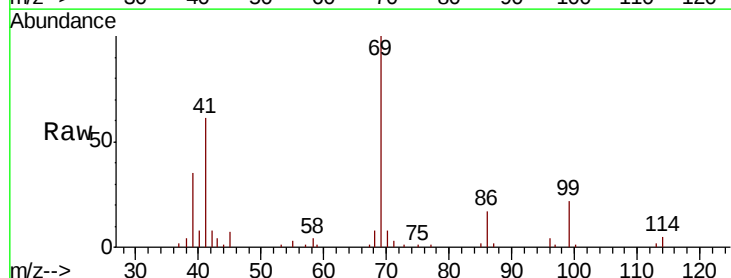
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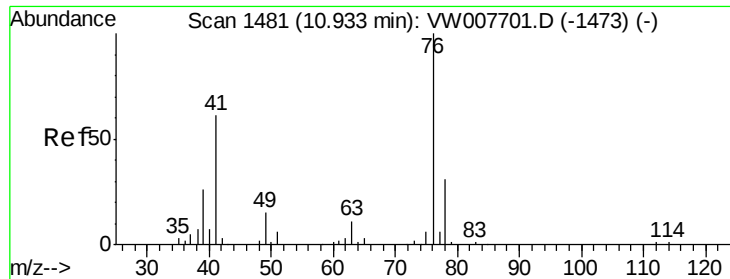
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#56
Ethyl methacrylate
Concen: 22.750 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion:	69	Resp:	16614
Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.9	73.3
39	34.8	31.3	46.9





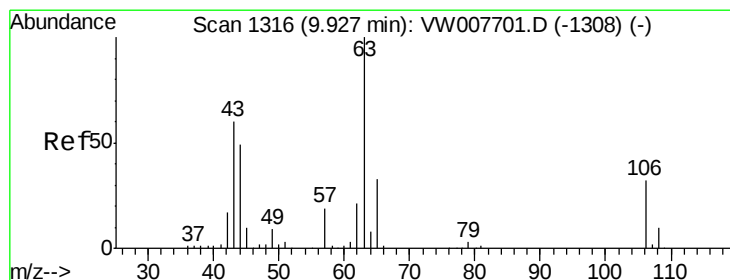
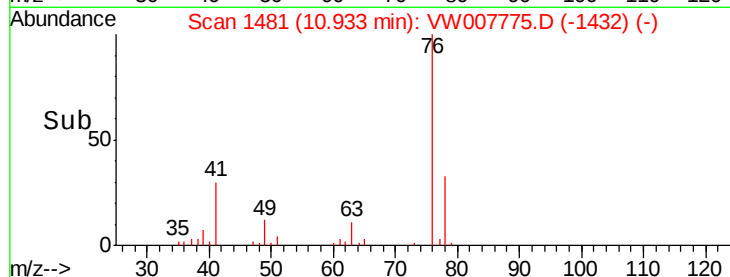
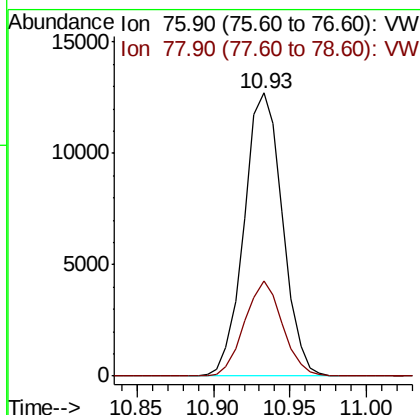
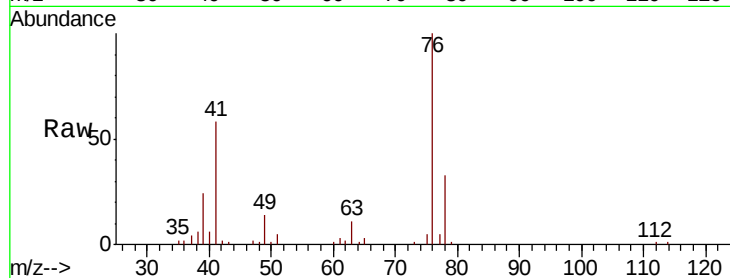
#57
 1,3-Dichloropropane
 Concen: 21.618 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 76 Resp: 22188
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2

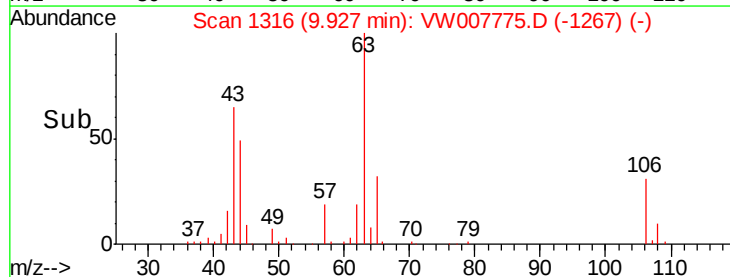
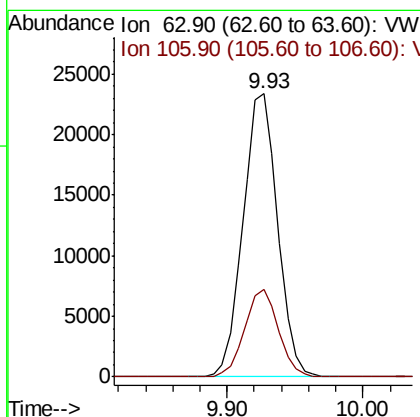
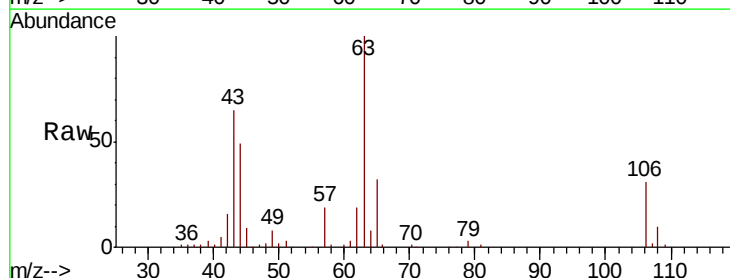
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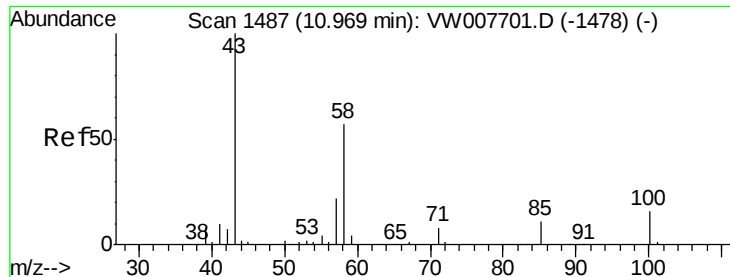
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#58
 2-Chloroethyl Vinyl ether
 Concen: 124.391 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion: 63 Resp: 41476
 Ion Ratio Lower Upper
 63 100
 106 30.4 25.9 38.9





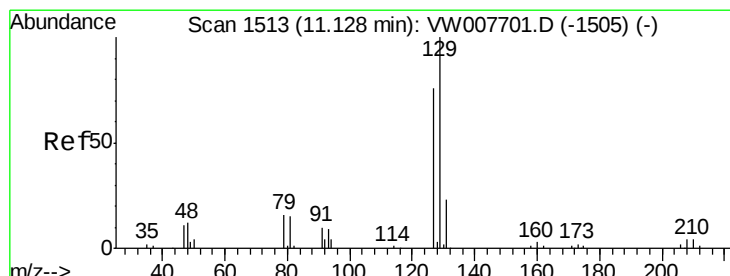
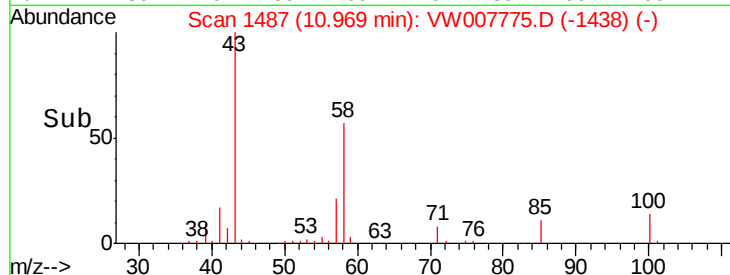
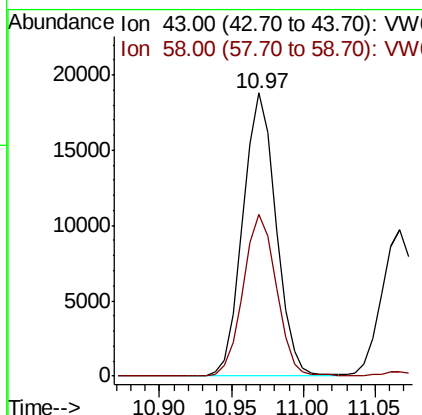
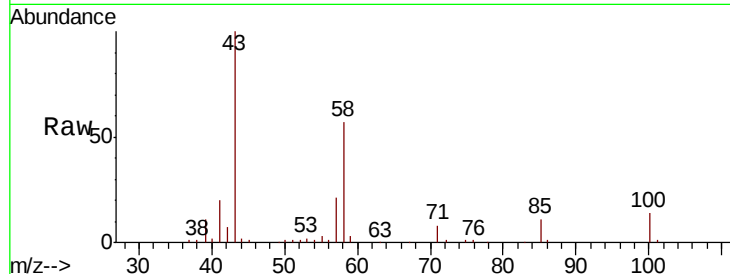
#59
2-Hexanone
Concen: 106.101 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 43 Resp: 29993
Ion Ratio Lower Upper
43 100
58 57.0 27.7 83.1

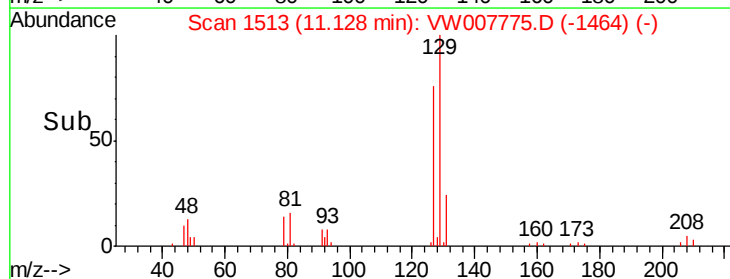
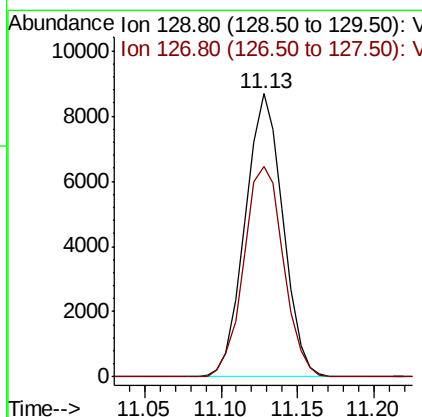
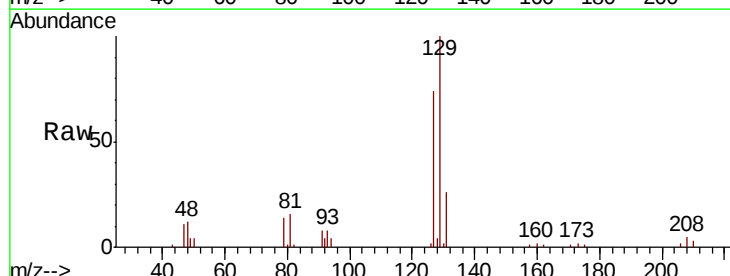
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#60
Dibromochloromethane
Concen: 18.243 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 129 Resp: 14930
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.251 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 107 Resp: 13302

Ion Ratio Lower Upper

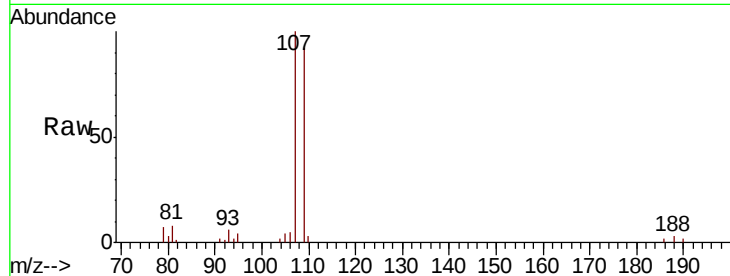
107 100

109 92.1 75.4 113.0

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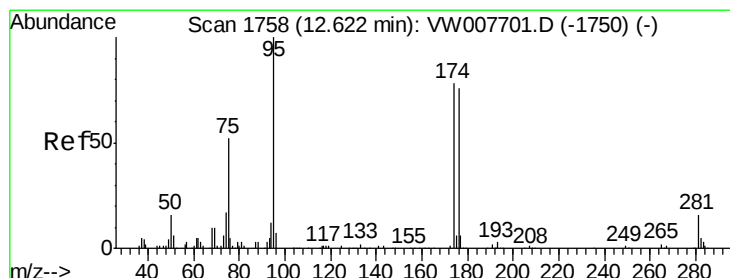
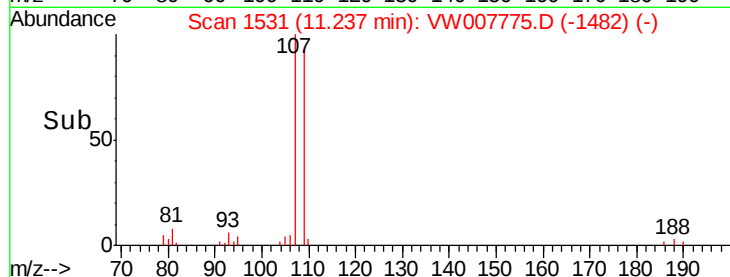
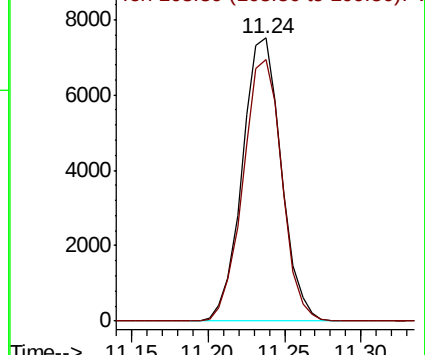
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.853 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

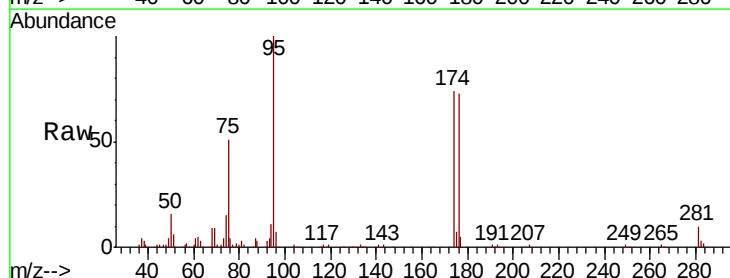
Tgt Ion: 95 Resp: 64377

Ion Ratio Lower Upper

95 100

174 73.8 0.0 152.2

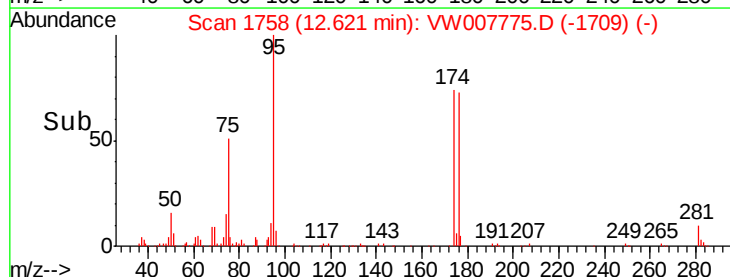
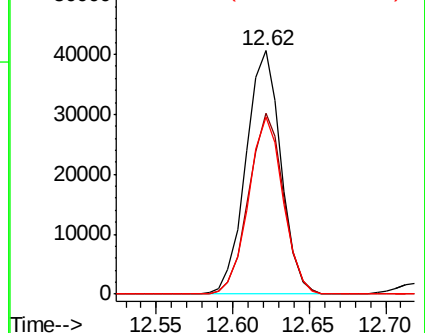
176 72.1 0.0 146.8

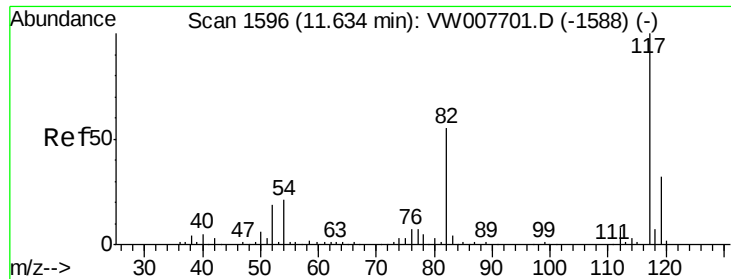


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





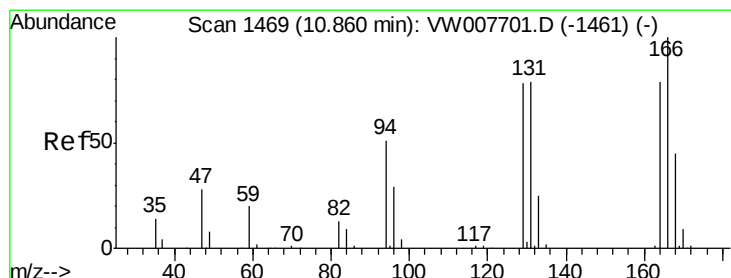
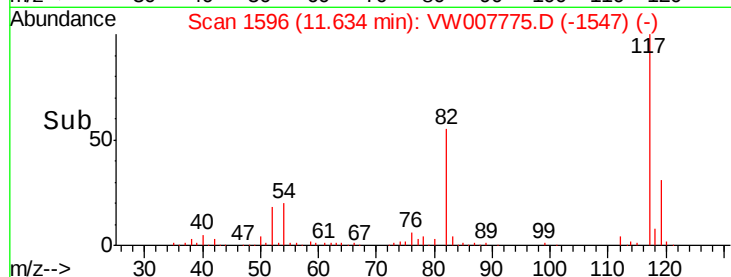
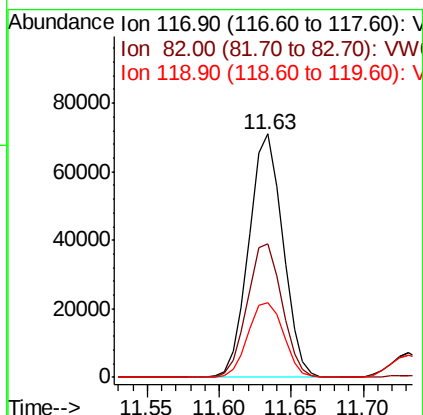
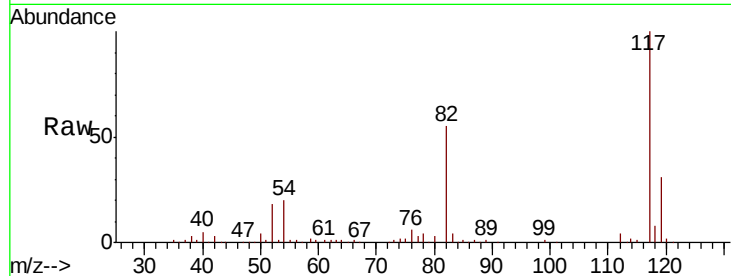
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	30.7	25.7	38.5

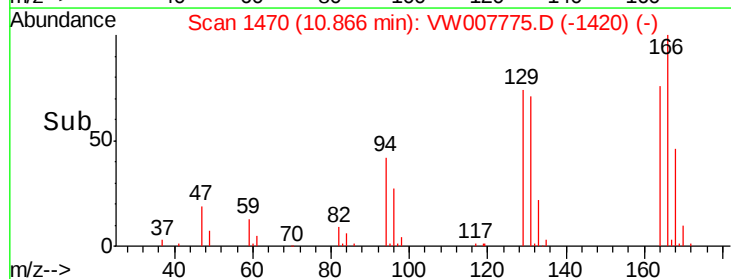
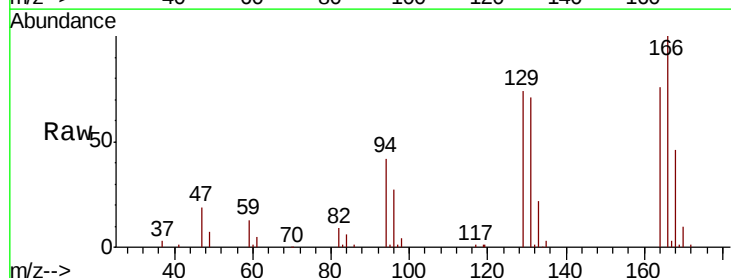
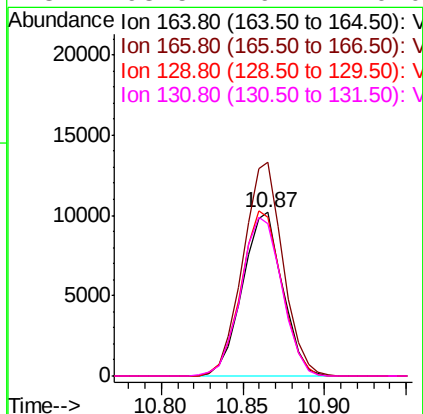
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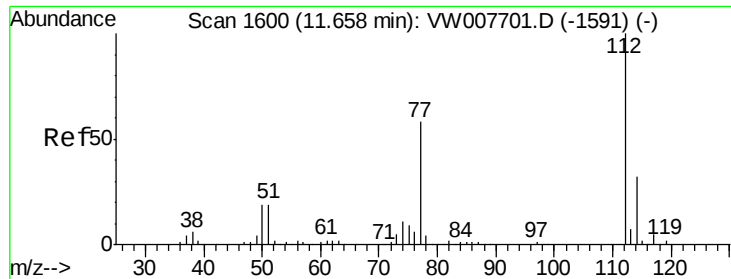
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#64
Tetrachloroethene
Concen: 21.138 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	101.0	151.6
129	97.1	78.7	118.1
131	93.5	79.4	119.0





#65

Chlorobenzene

Concen: 20.973 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion:112 Resp: 52687

Ion Ratio Lower Upper

112 100

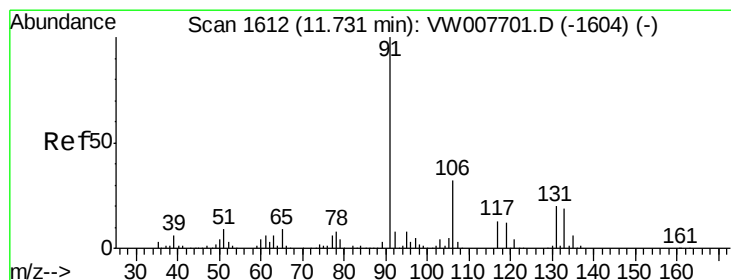
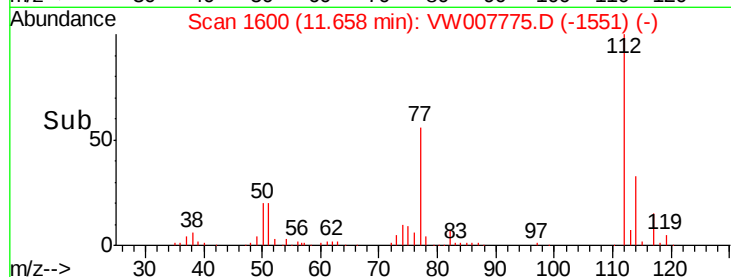
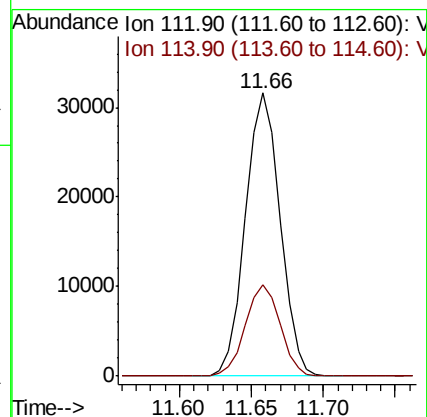
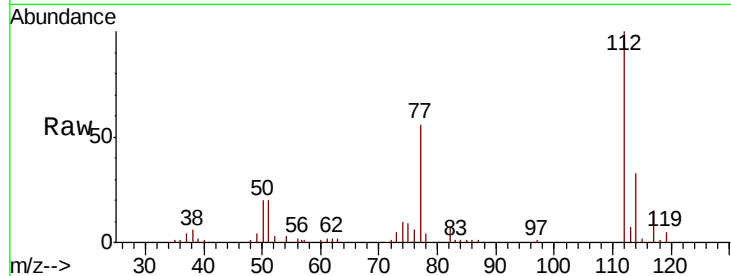
114 32.5 25.2 37.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.696 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

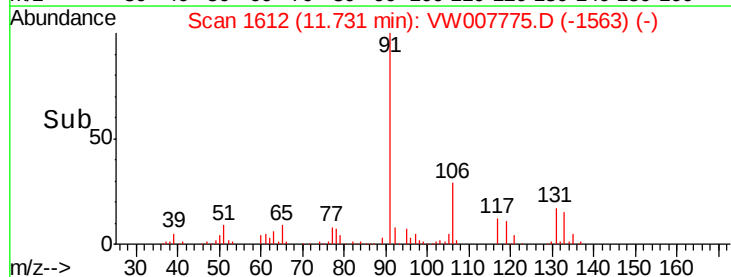
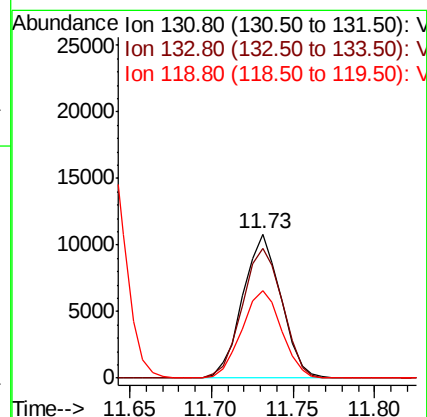
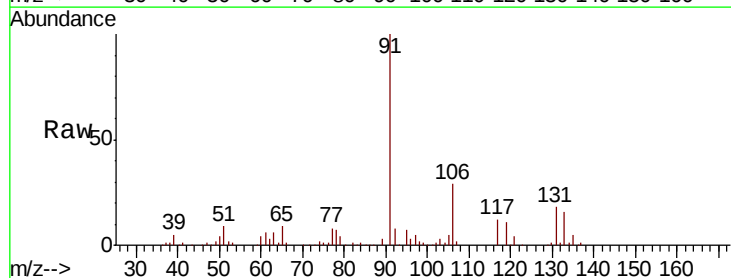
Tgt Ion:131 Resp: 17679

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.5

119 63.3 30.2 90.6





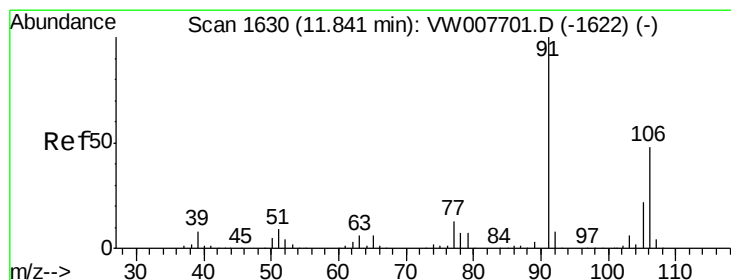
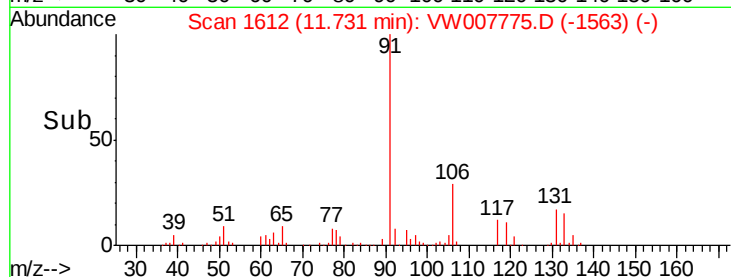
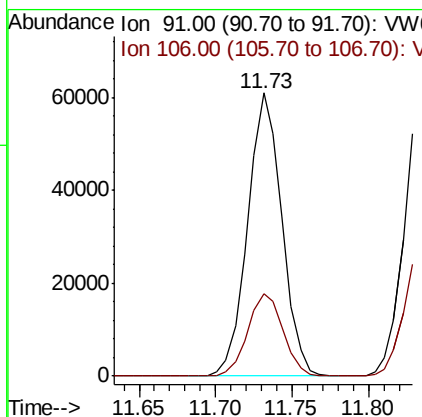
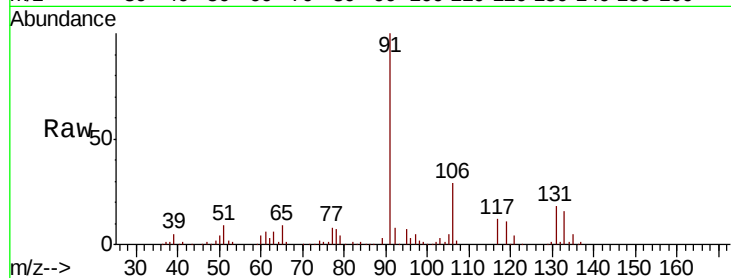
#67
Ethyl Benzene
Concen: 21.972 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion: 91 Resp: 94717
Ion Ratio Lower Upper
91 100
106 29.1 25.8 38.8

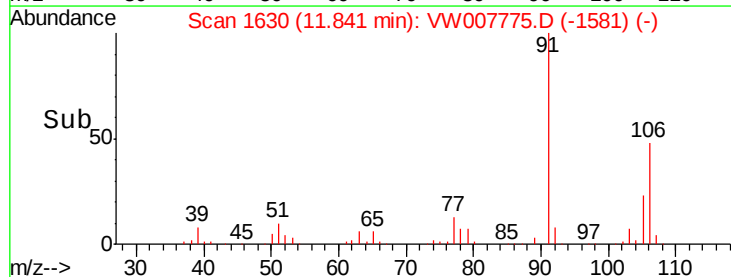
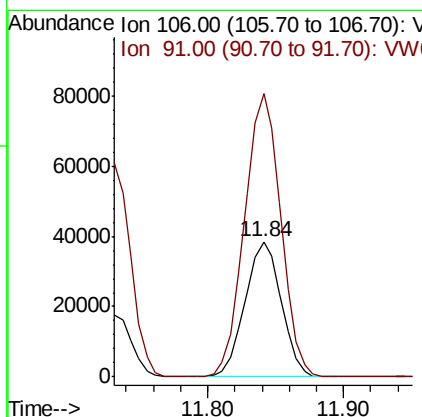
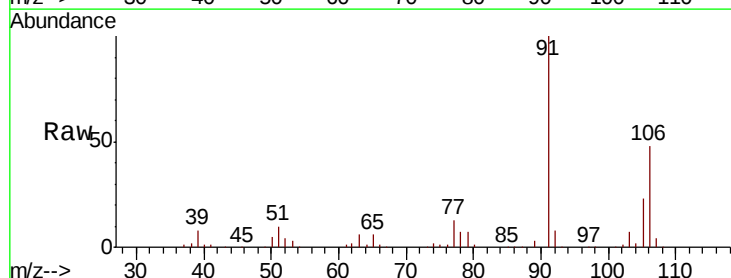
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#68
m/p-Xylenes
Concen: 42.974 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 106 Resp: 71861
Ion Ratio Lower Upper
106 100
91 209.7 165.2 247.8





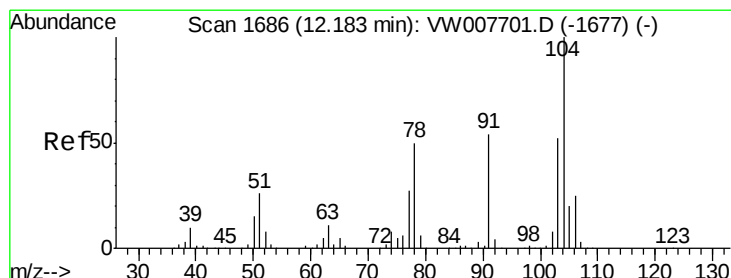
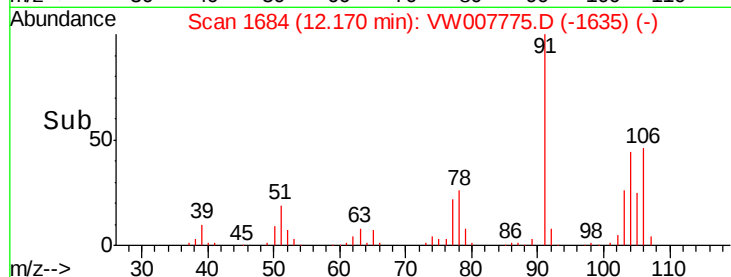
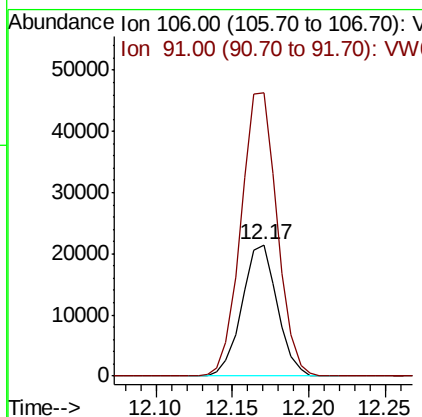
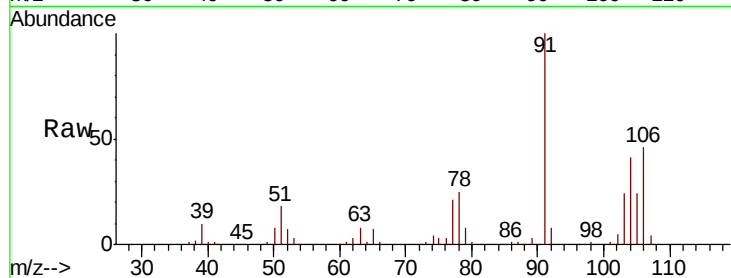
#69
o-Xylene
Concen: 21.909 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion:106 Resp: 34342
Ion Ratio Lower Upper
106 100
91 220.9 110.5 331.4

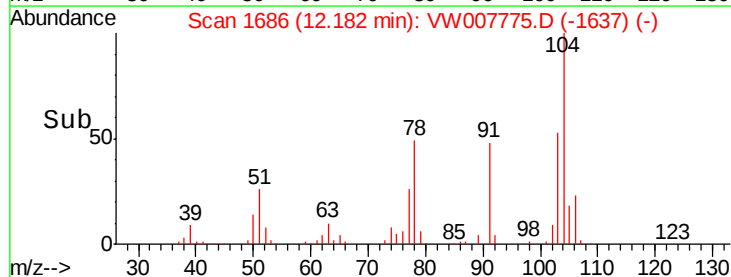
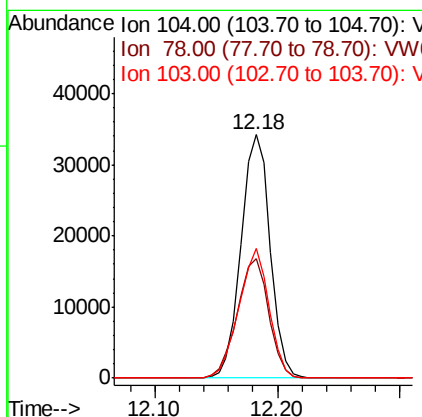
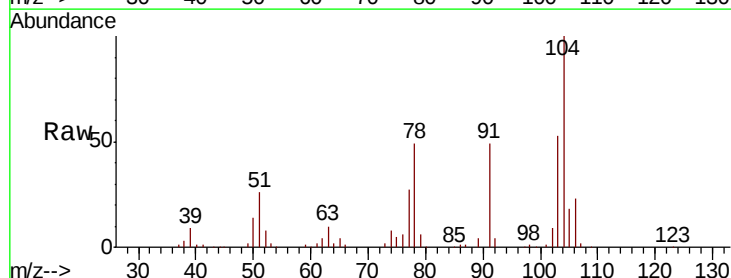
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#70
Styrene
Concen: 21.899 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion:104 Resp: 56426
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.0
103 55.3 44.5 66.7





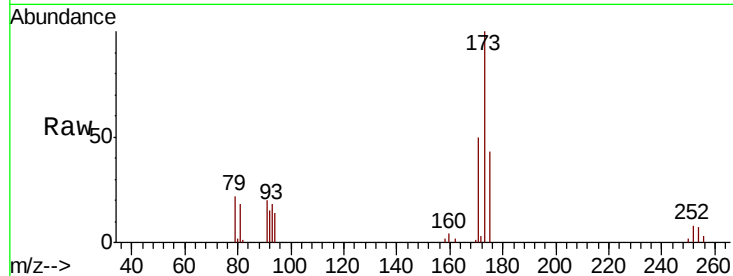
#71
Bromoform
Concen: 16.909 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.7
254	0.0	0.0	0.0

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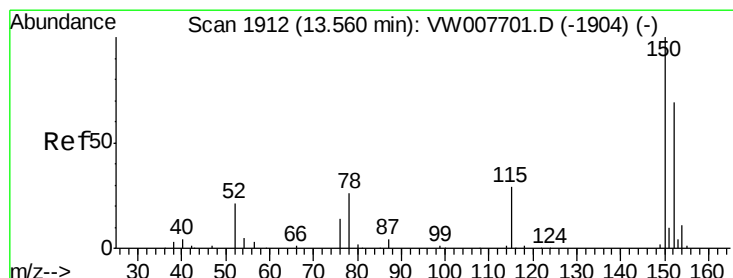
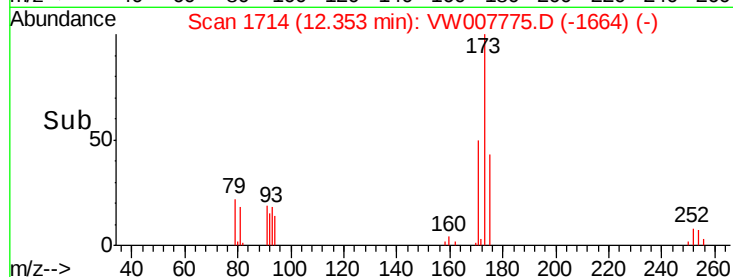
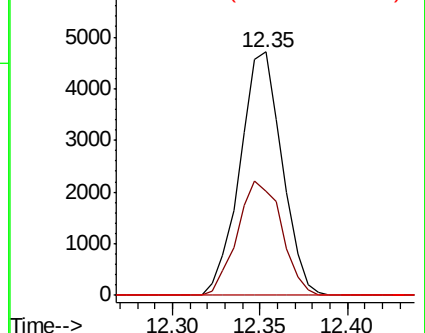


Abundance

Ion 172.70 (172.40 to 173.40): V

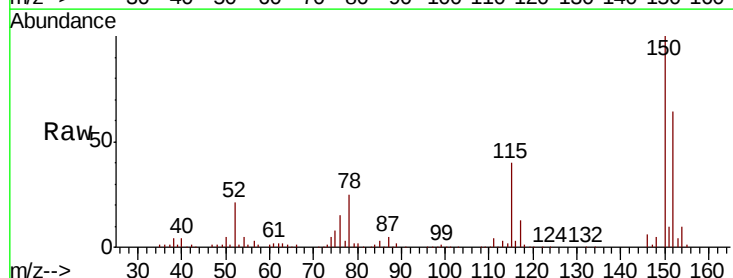
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.8	95.4
150	164.3	0.0	350.8

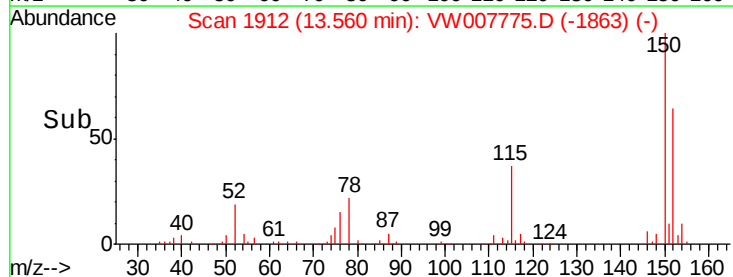
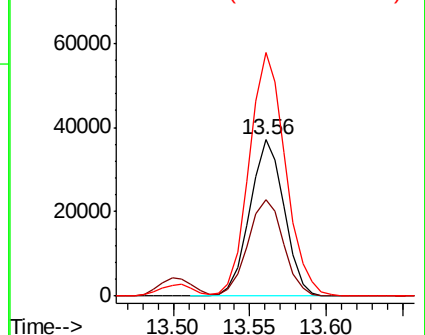


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.746 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD02

Tgt Ion: 105 Resp: 95172

Ion Ratio Lower Upper

105 100

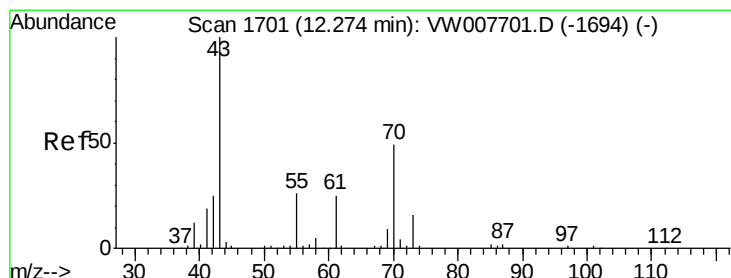
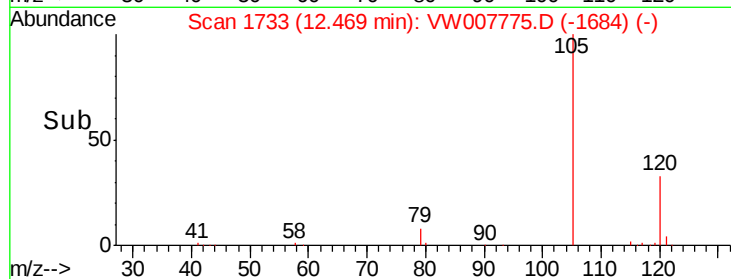
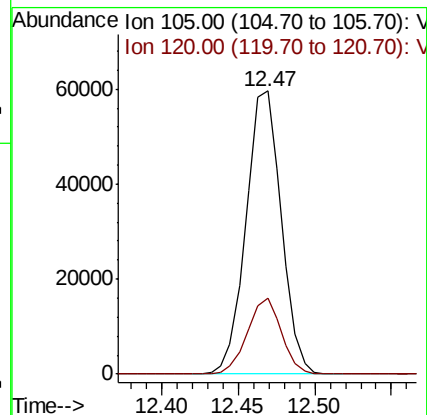
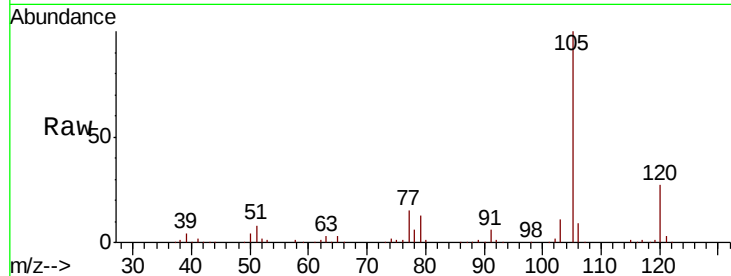
120 25.9 13.1 39.3

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#74

N-ethyl acetate

Concen: 23.343 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion: 43 Resp: 17696

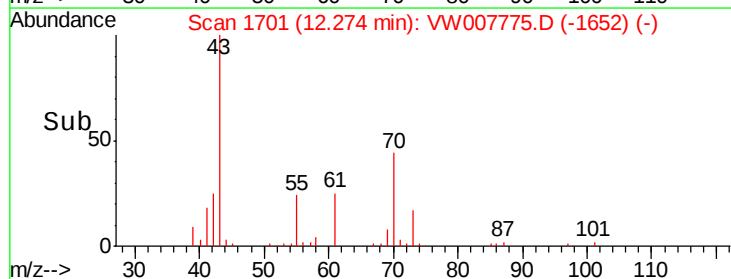
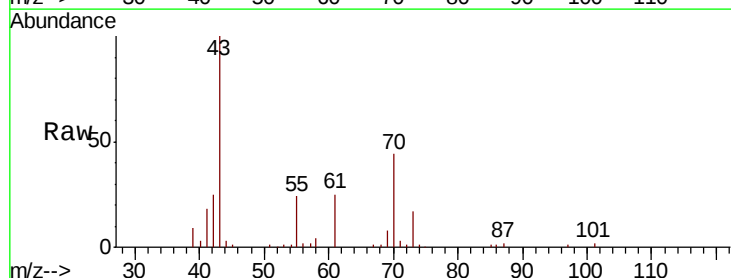
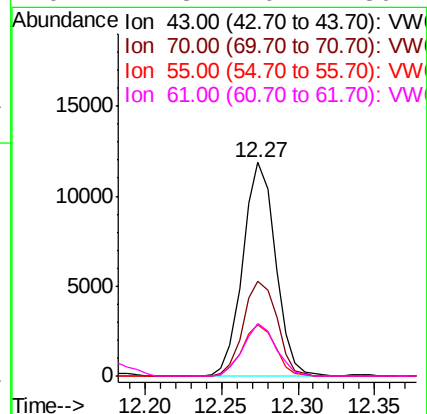
Ion Ratio Lower Upper

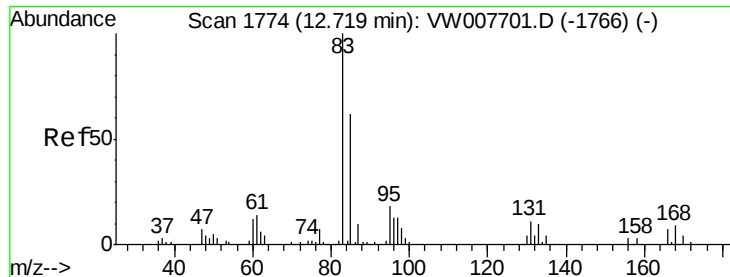
43 100

70 45.7 37.6 56.4

55 24.1 21.7 32.5

61 24.3 20.1 30.1





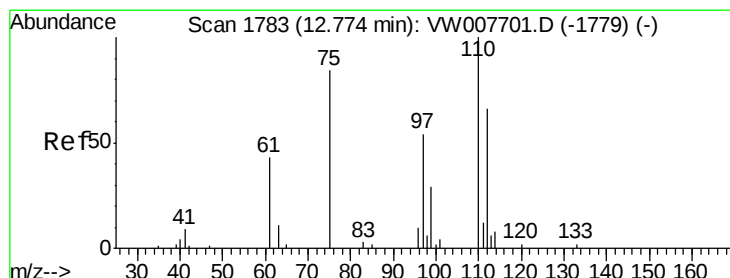
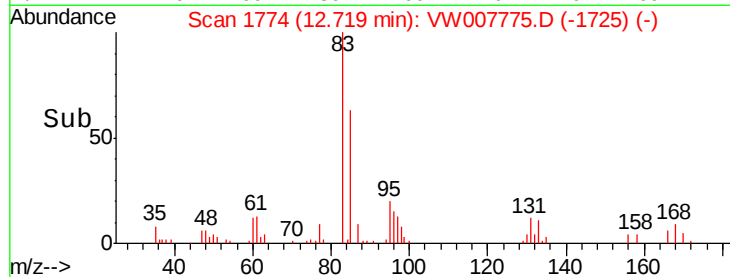
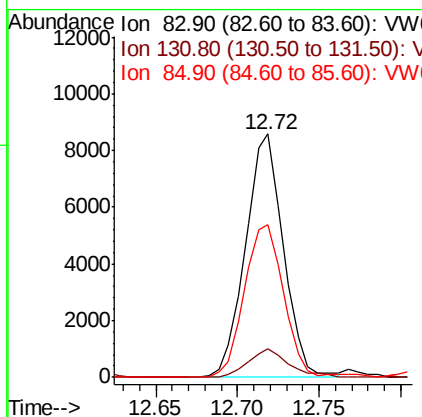
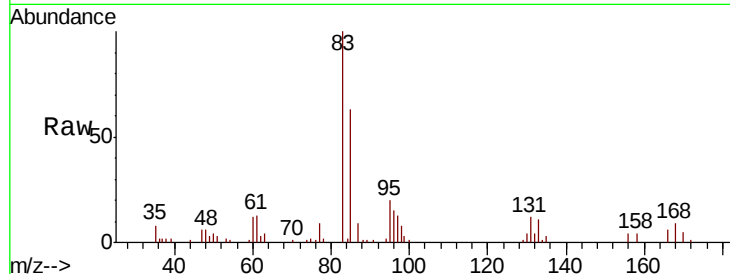
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.195 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.2	6.3	18.8
85	64.6	32.3	96.8

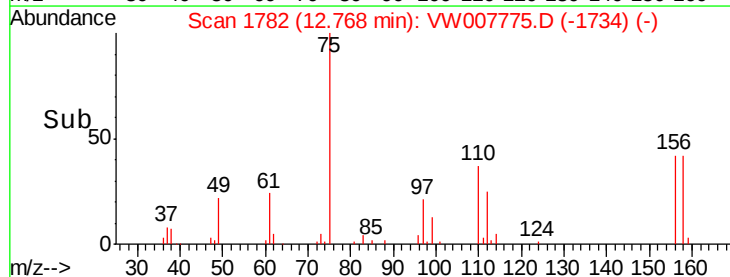
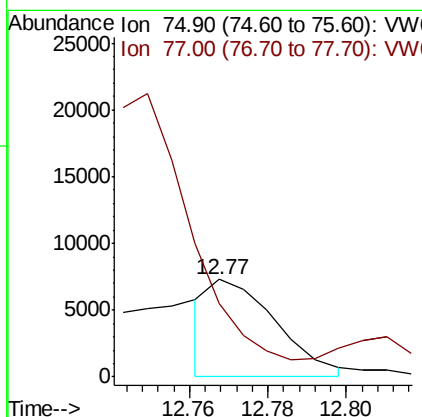
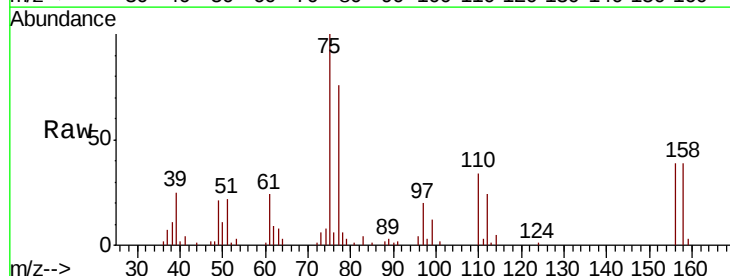
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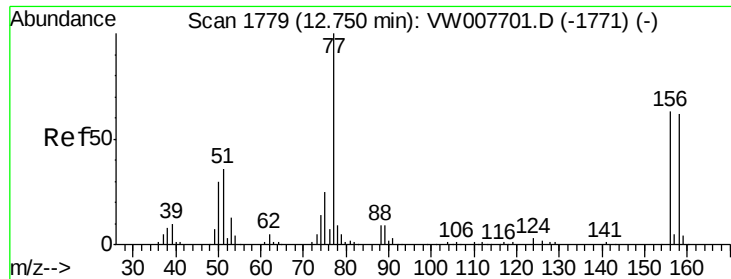
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#76
 1,2,3-Trichloropropane
 Concen: 19.325 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	442.2	0.0	0.0#





#77

Bromobenzene

Concen: 21.335 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Instrument :

MSVOA_W

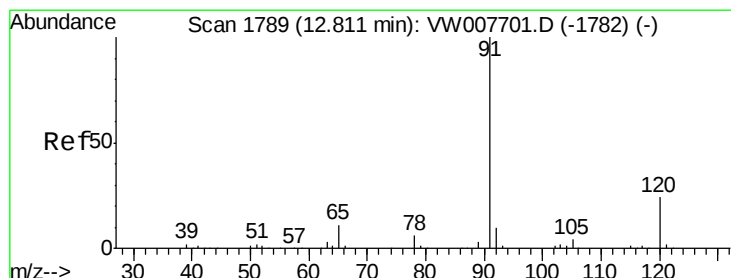
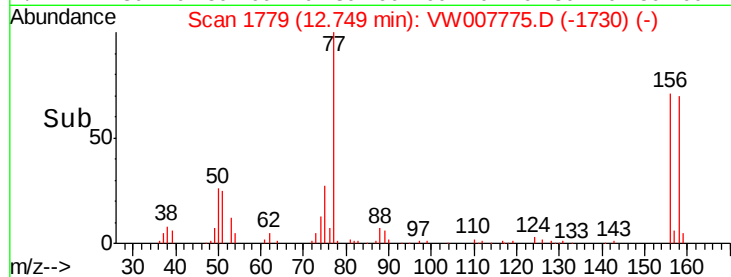
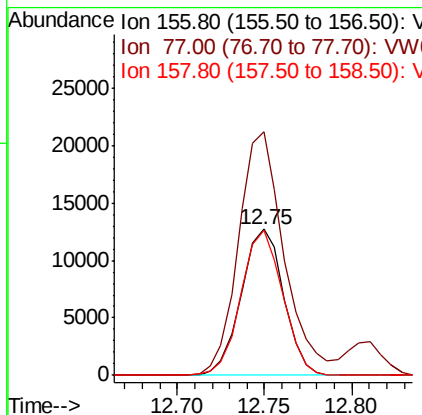
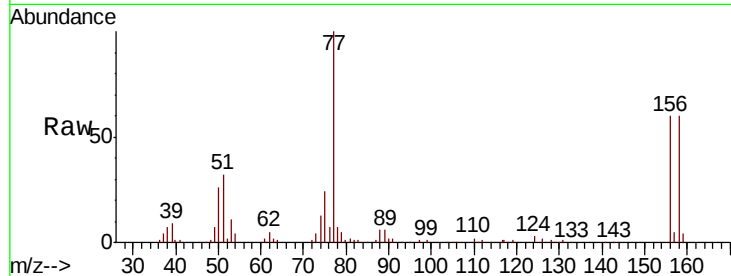
ClientSampleId :

VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	178.7	87.4	262.1
158	98.2	48.4	145.0

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#78

n-propylbenzene

Concen: 21.414 ug/l

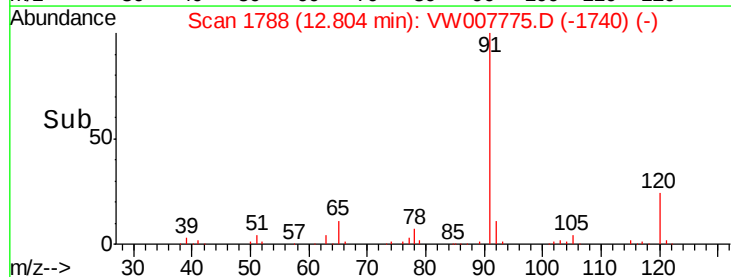
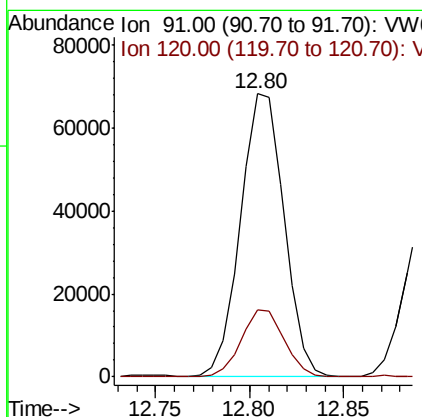
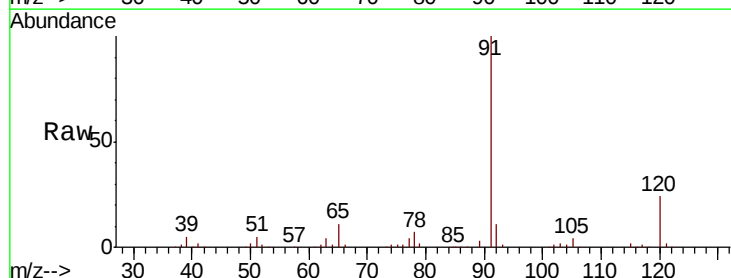
RT: 12.80 min Scan# 1788

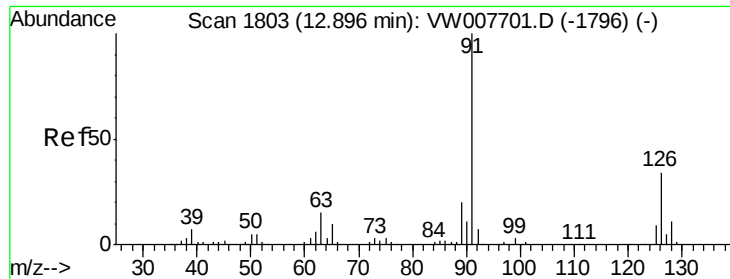
Delta R.T. -0.01 min

Lab File: VW007775.D

Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.7





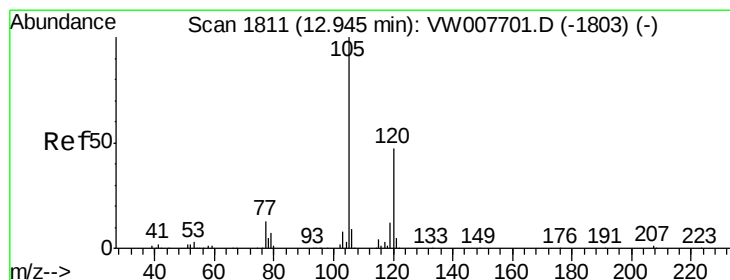
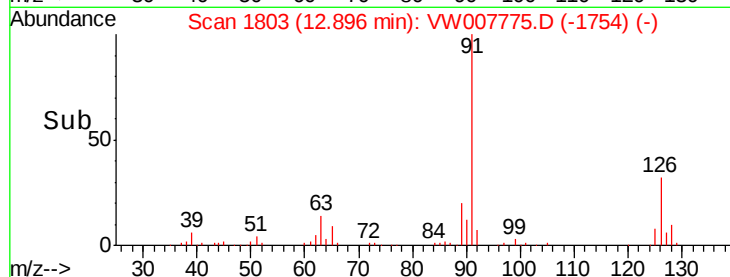
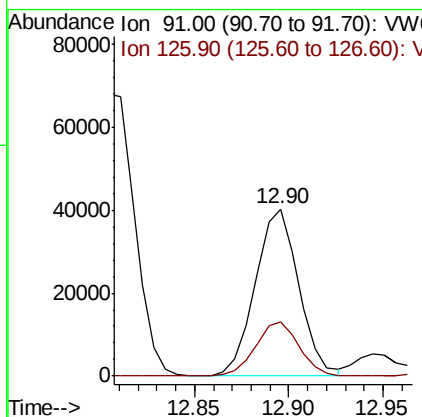
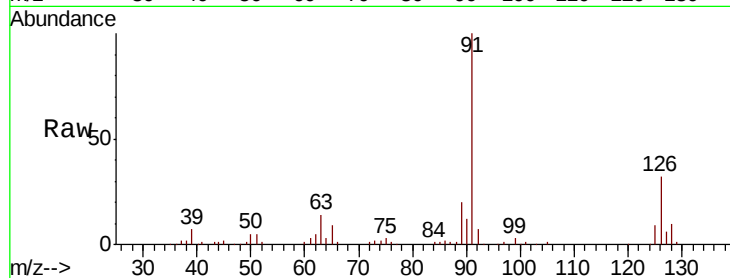
#79
2-Chlorotoluene
Concen: 21.689 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion: 91 Resp: 64368
Ion Ratio Lower Upper
91 100
126 32.5 17.0 51.0

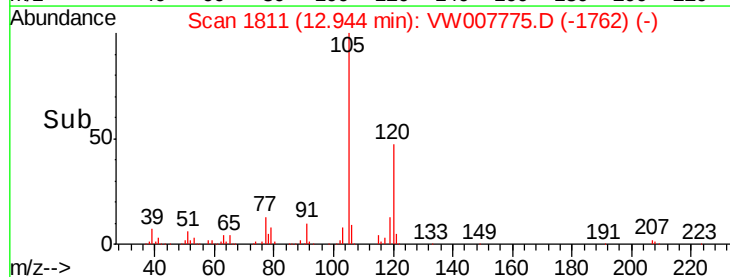
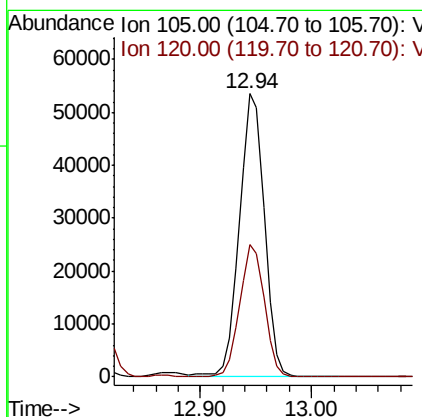
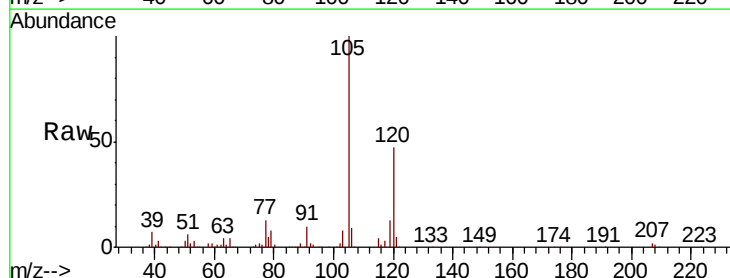
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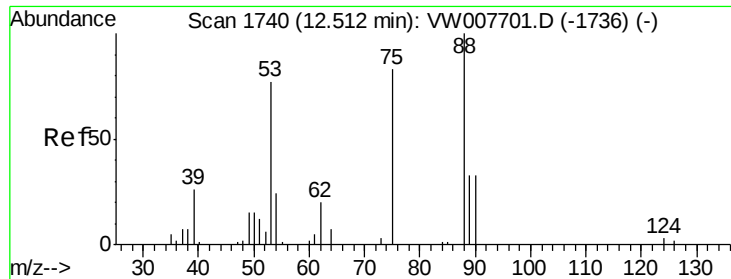
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#80
1,3,5-Trimethylbenzene
Concen: 22.080 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion: 105 Resp: 83352
Ion Ratio Lower Upper
105 100
120 46.3 23.6 70.8





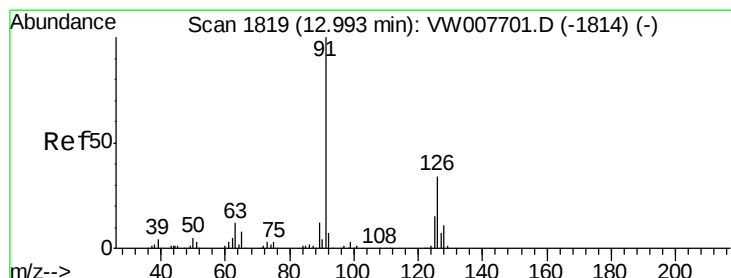
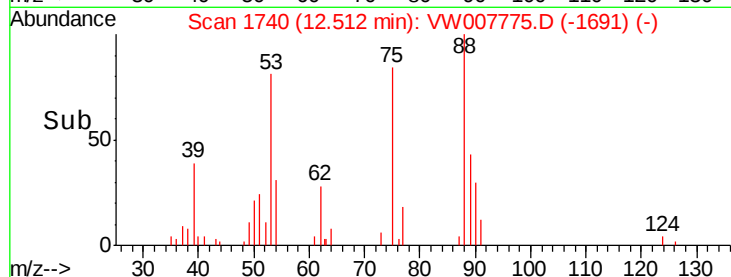
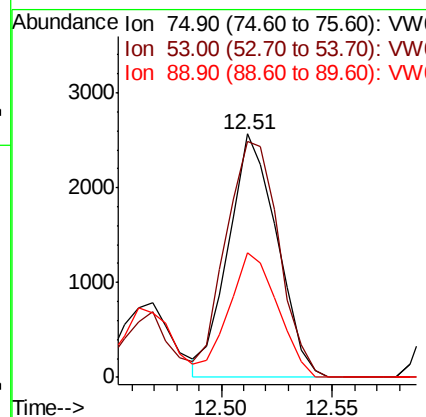
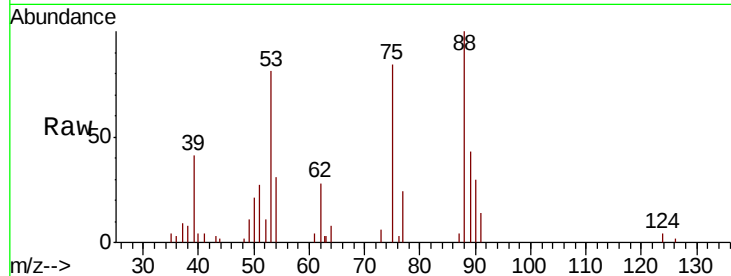
#81
trans-1,4-Dichloro-2-butene
Concen: 18.284 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.1	80.2	120.2
89	51.7	39.2	58.8

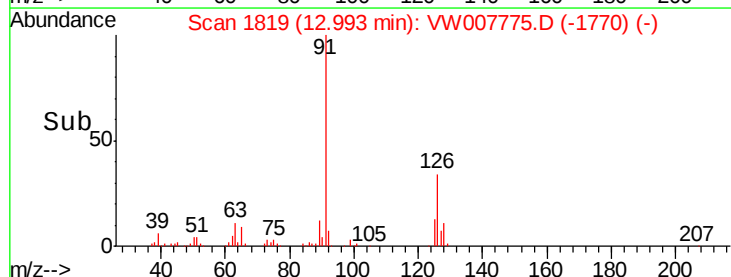
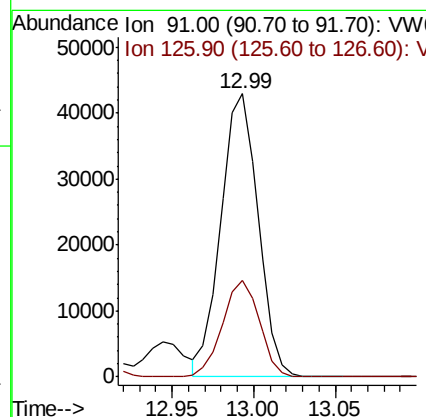
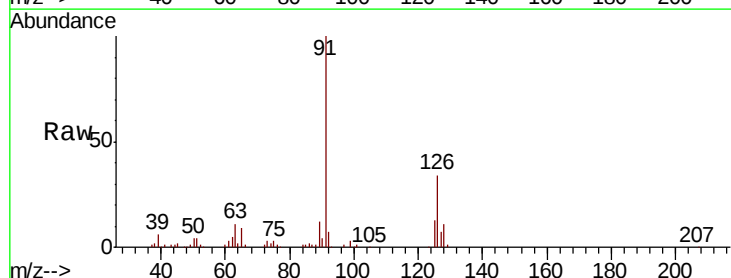
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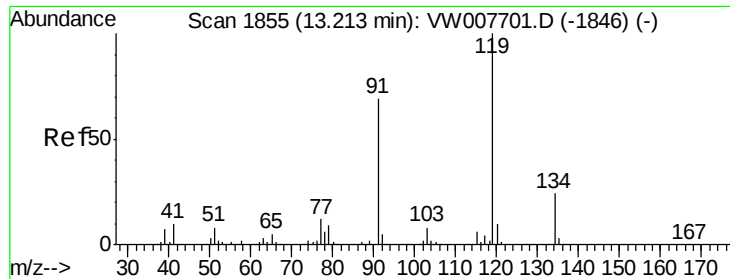
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#82
4-Chlorotoluene
Concen: 21.638 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.5	49.5





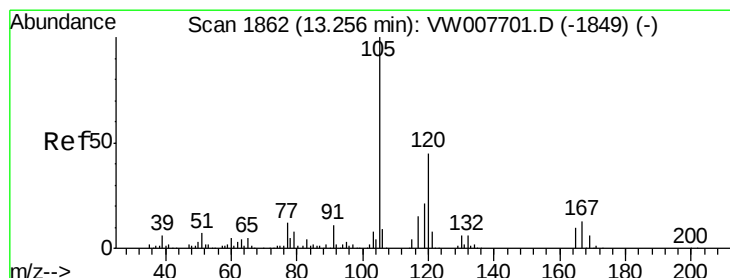
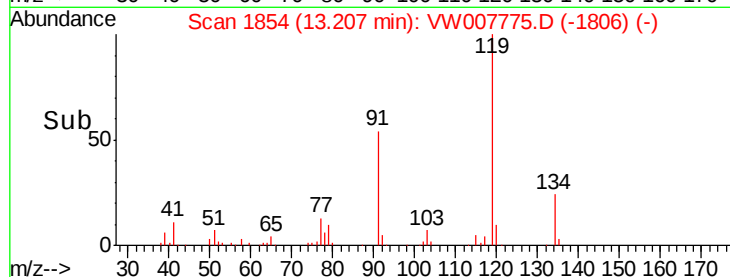
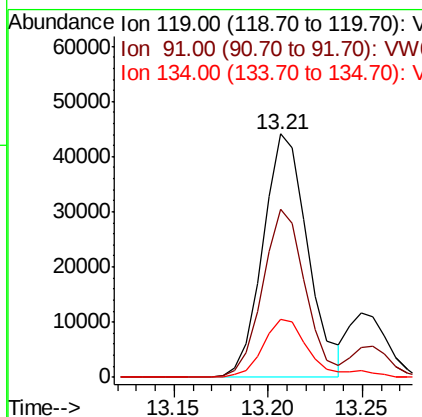
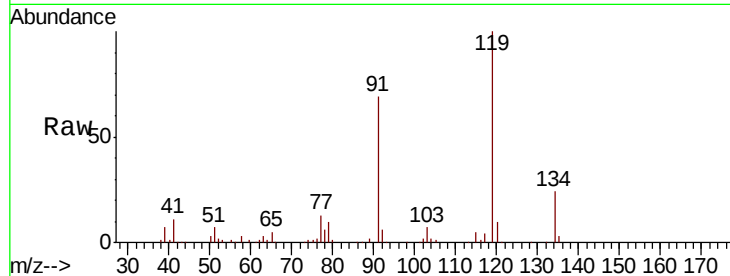
#83
tert-Butylbenzene
Concen: 22.033 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	72980		
91	65.7	34.2	102.5	
134	25.0	12.8	38.4	

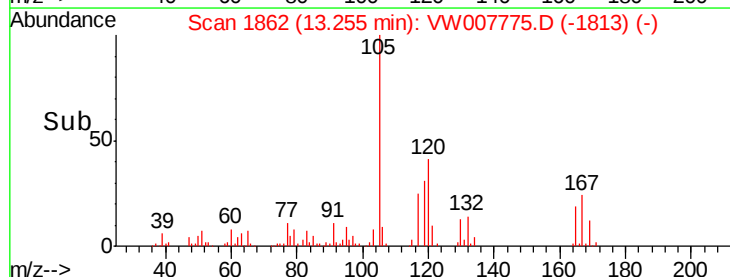
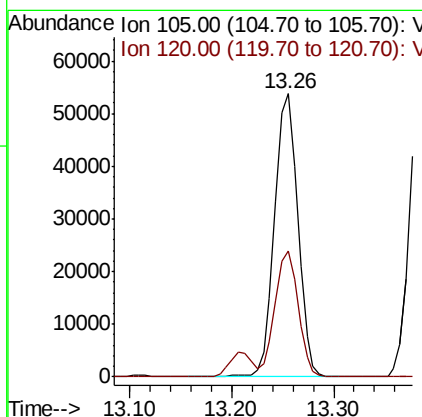
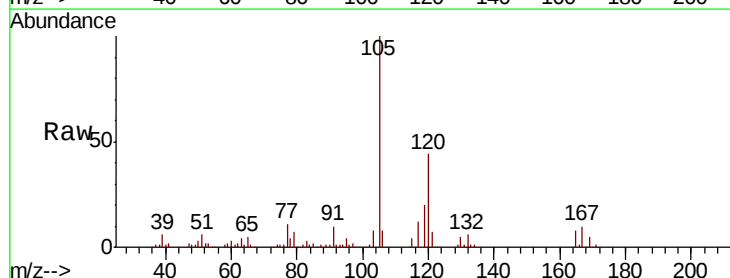
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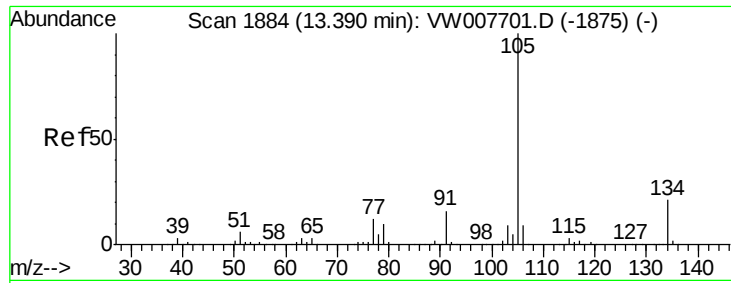
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#84
1,2,4-Trimethylbenzene
Concen: 22.262 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	84801		
120	44.3	22.0	66.0	





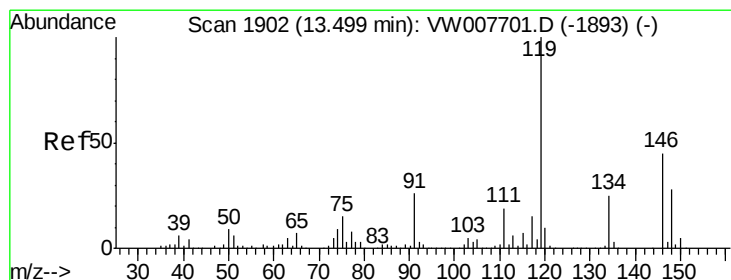
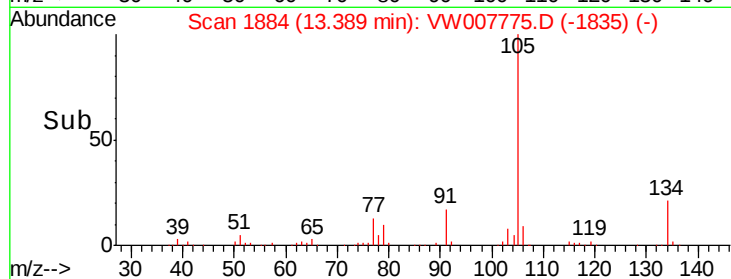
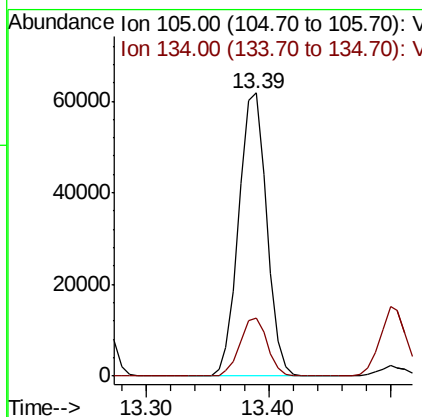
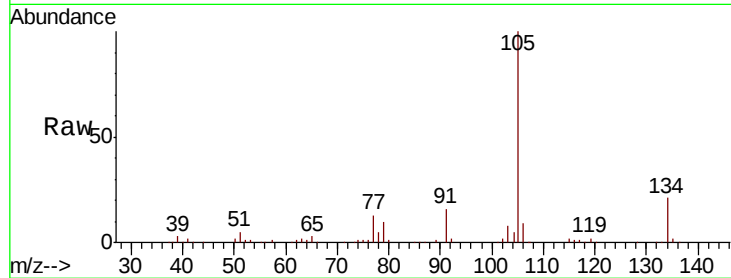
#85
 sec-Butylbenzene
 Concen: 21.415 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBSD02

Tgt Ion:105 Resp: 97761
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

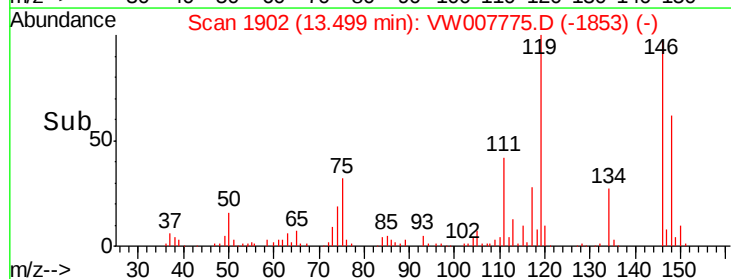
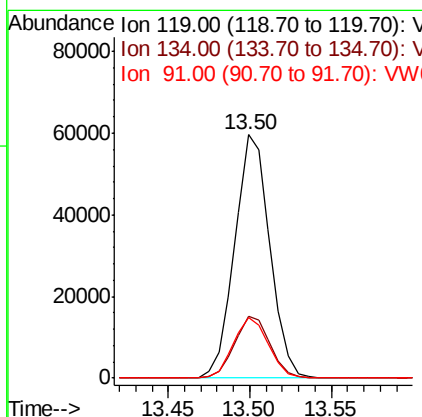
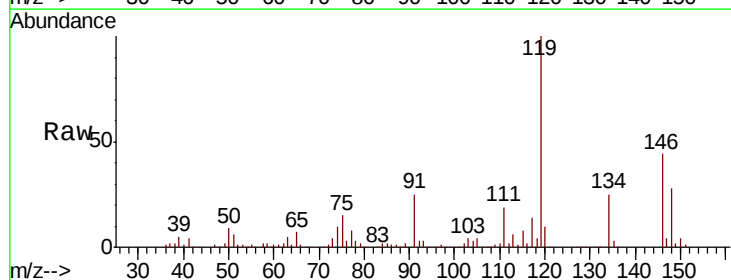
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#86
 p-Isopropyltoluene
 Concen: 21.564 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion:119 Resp: 89511
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.8 12.8 38.4





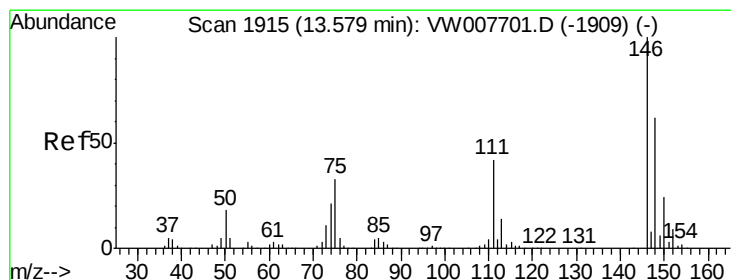
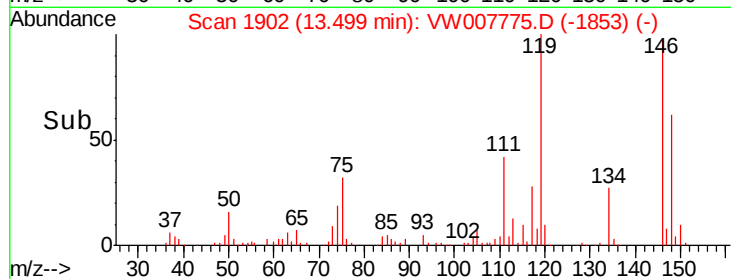
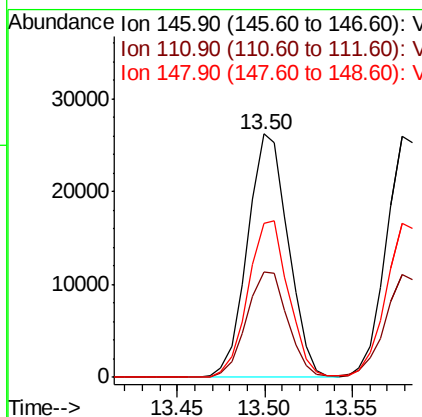
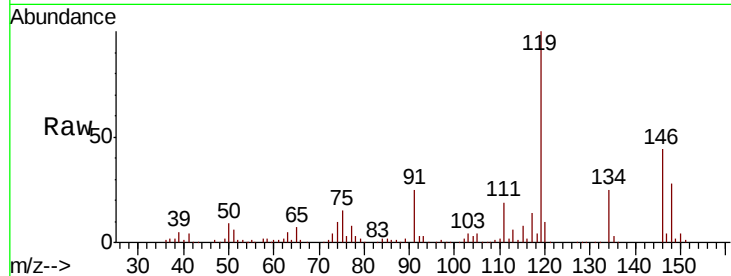
#87
 1,3-Dichlorobenzene
 Concen: 21.323 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampled :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.1	63.4
148	63.9	32.1	96.5

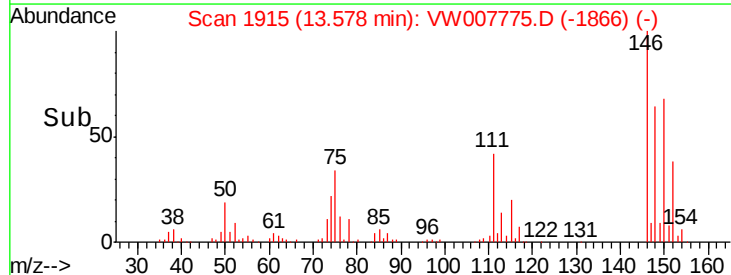
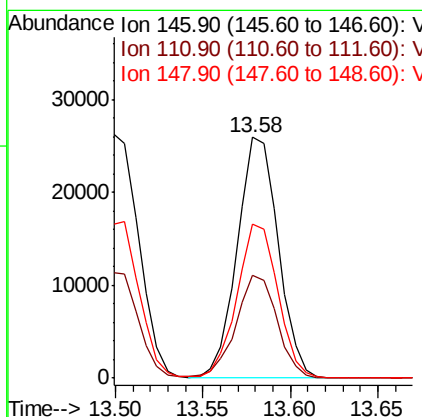
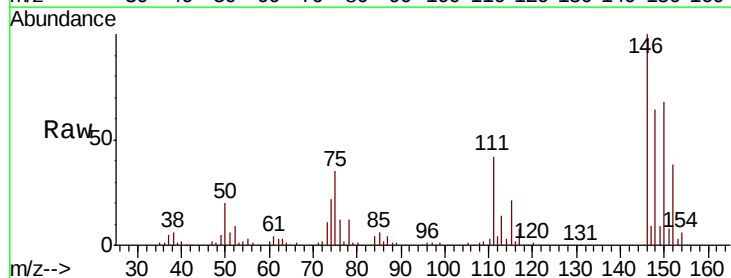
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#88
 1,4-Dichlorobenzene
 Concen: 21.288 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.0	63.0
148	63.9	31.8	95.4





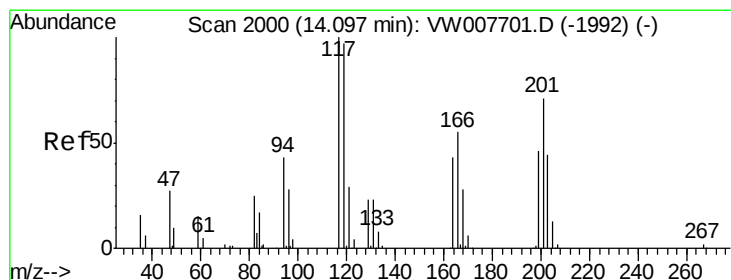
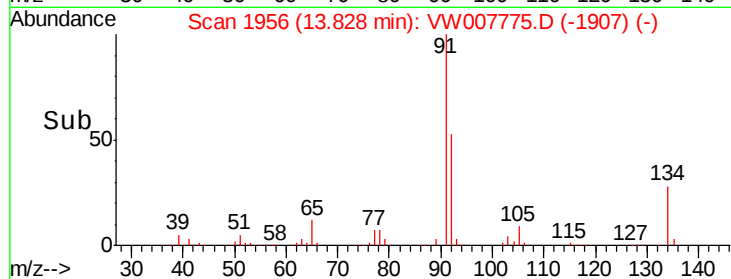
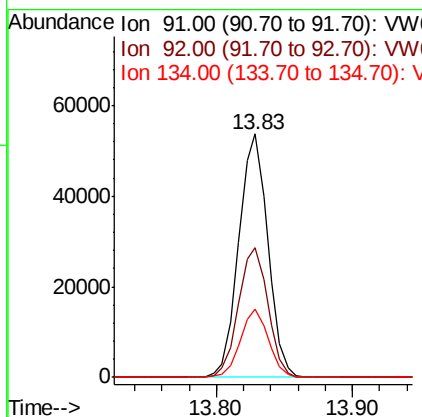
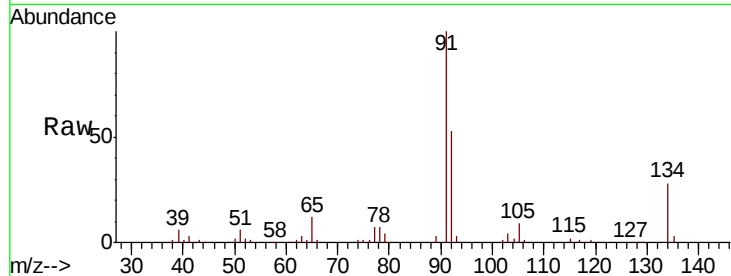
#89
n-Butylbenzene
Concen: 21.019 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.4	79.2
134	27.1	13.7	41.0

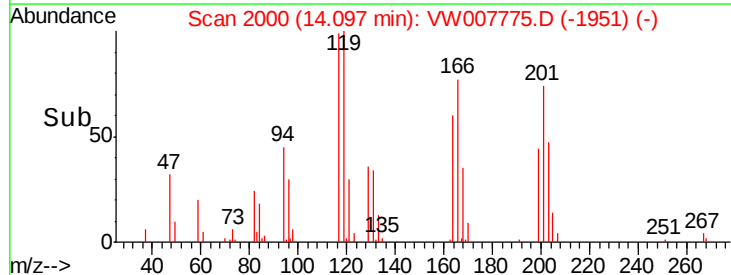
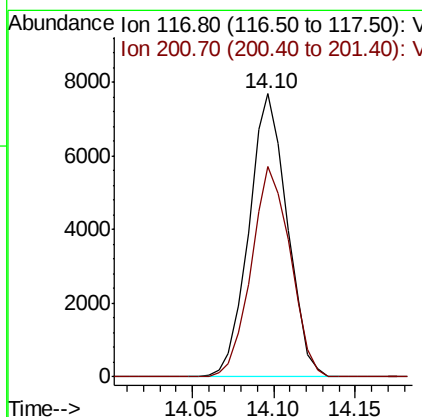
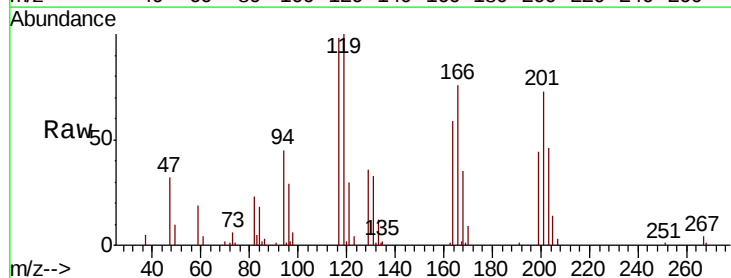
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#90
Hexachloroethane
Concen: 17.231 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	36.2	108.6





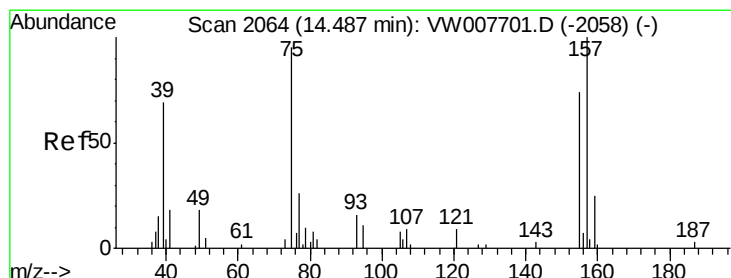
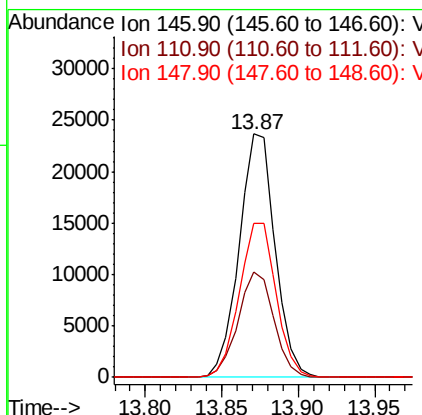
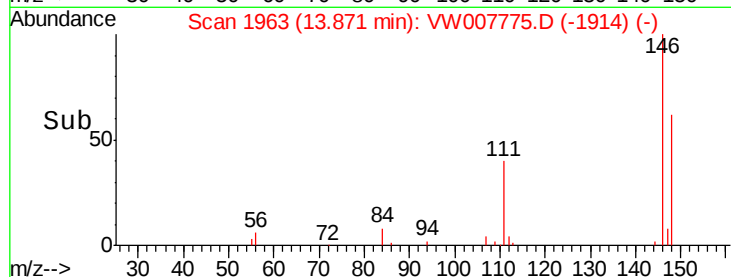
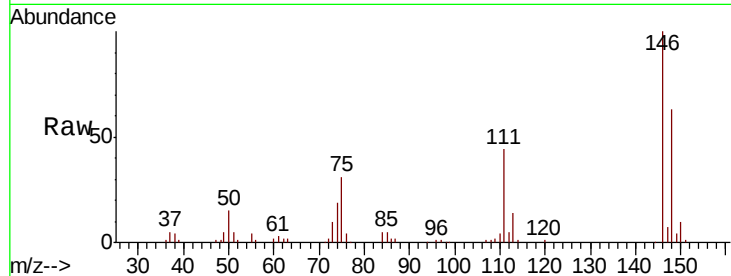
#91
 1,2-Dichlorobenzene
 Concen: 21.617 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	64.8	32.1	96.5

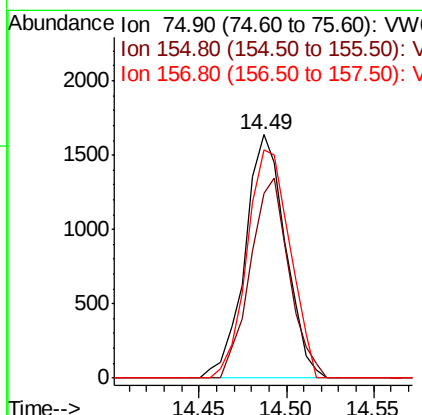
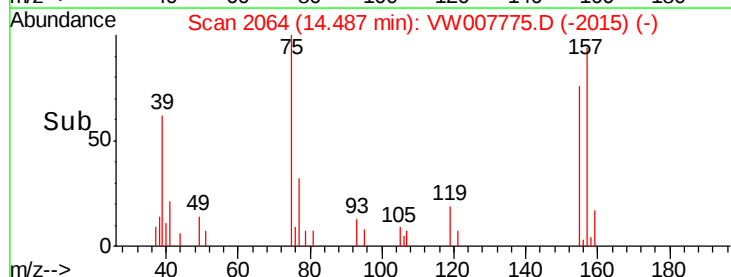
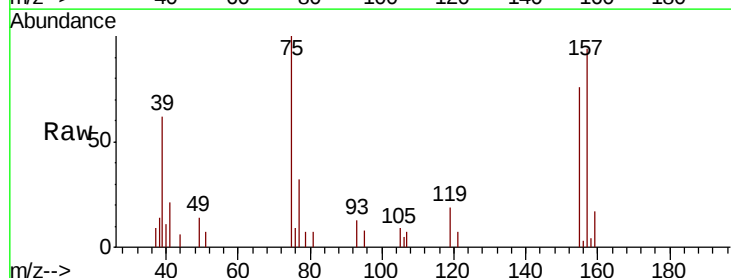
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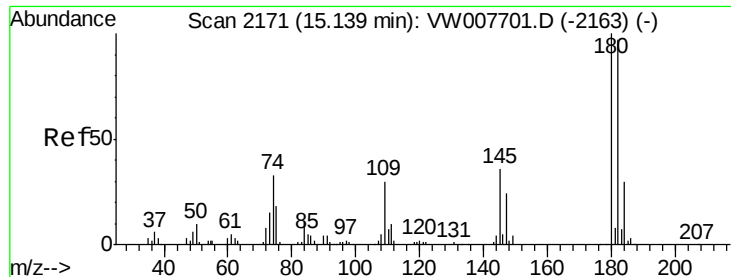
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.576 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007775.D
 Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	39.4	118.1
157	98.7	52.0	156.0





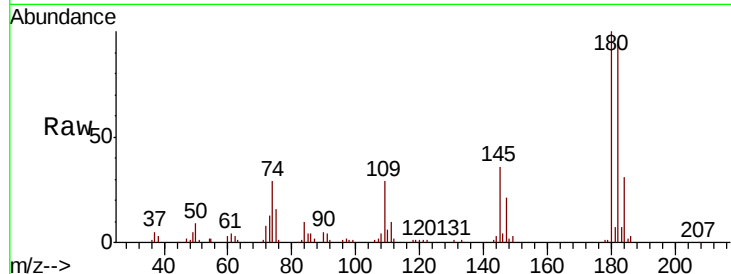
#93
1,2,4-Trichlorobenzene
Concen: 21.387 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	33.8	17.5	52.5

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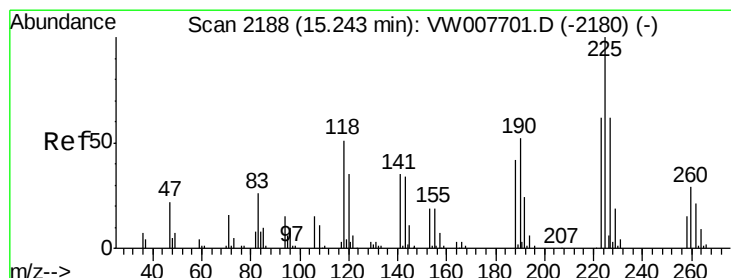
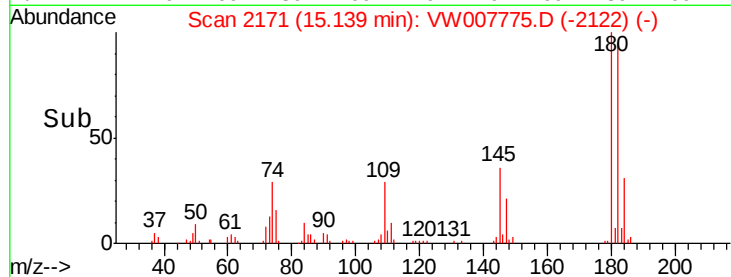
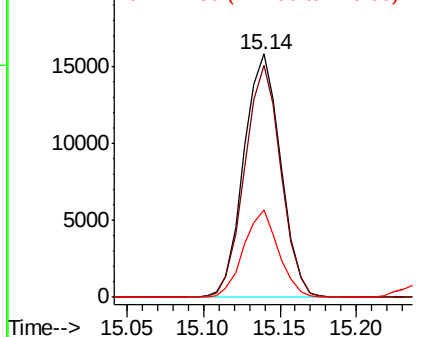


Abundance

Ion 179.80 (179.50 to 180.50): V

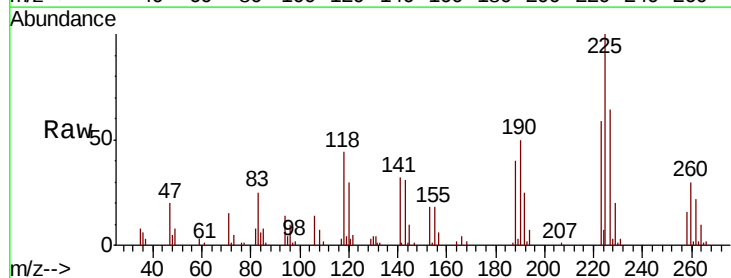
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 21.082 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	94.8
227	62.9	32.1	96.3

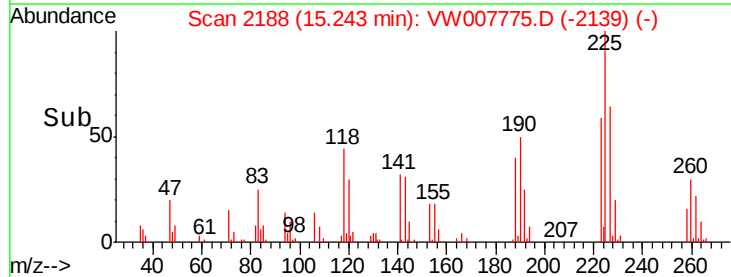
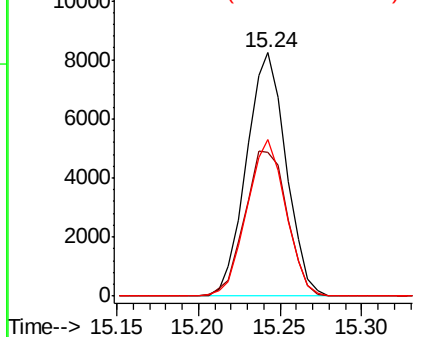


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





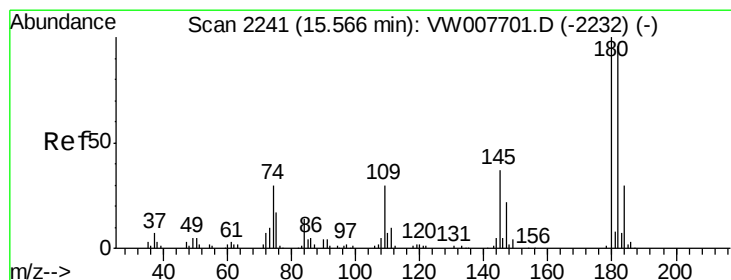
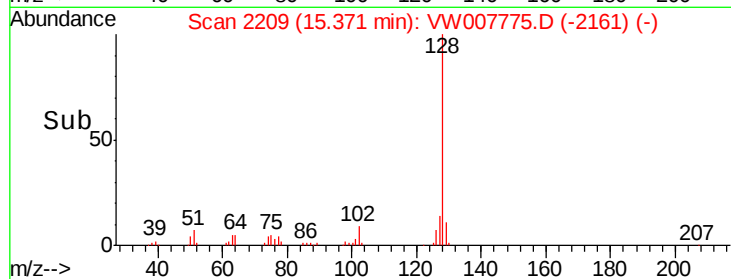
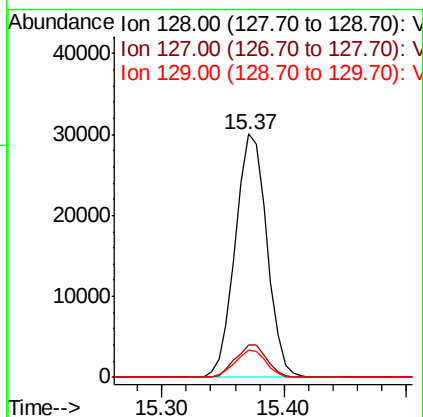
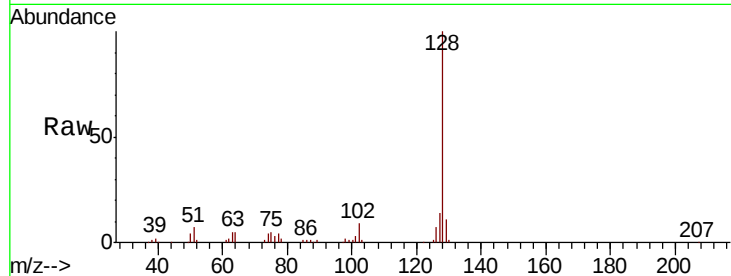
#95
Naphthalene
Concen: 23.552 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	53893		
127	13.5	10.7	16.1	
129	10.8	8.8	13.2	

Manual Integrations
APPROVED

apatel
1/9/2019 12:18:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.854 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007775.D
Acq: 21 Dec 2018 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	23153		
182	92.3	47.4	142.2	
145	36.4	18.4	55.0	

