

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007774.D
 Acq On : 21 Dec 2018 05:38
 Operator : SY/AP
 Sample : VW1222SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Manual Integrations
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 12/21/2018 11:04:57 AM

Quant Time: Dec 21 06:09:46 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	69870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42425	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	38092	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.32	98	147853	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.62	95	58138	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10486	16.882	ug/l	94
3) Chloromethane	2.21	50	9943	26.069	ug/l	98
4) Vinyl Chloride	2.37	62	11362	23.402	ug/l	93
5) Bromomethane	2.79	94	9007	26.634	ug/l	88
6) Chloroethane	2.93	64	7219	27.792	ug/l	94
7) Trichlorofluoromethane	3.26	101	9074	17.951	ug/l	96
8) Diethyl Ether	3.68	74	8028	25.930	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14119	18.966	ug/l	99
10) Methyl Iodide	4.26	142	26396	22.296	ug/l	96
11) Tert butyl alcohol	5.18	59	7526	145.684	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	14049	20.380	ug/l	88
13) Acrolein	3.89	56	4648	112.529	ug/l	97
14) Allyl chloride	4.67	41	21330	23.595	ug/l	93
15) Acrylonitrile	5.37	53	16369	123.943	ug/l	98
16) Acetone	4.12	43	14624	101.977	ug/l	100
17) Carbon Disulfide	4.37	76	39870	18.690	ug/l	97
18) Methyl Acetate	4.67	43	8720	25.568	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	27324	27.610	ug/l	100
20) Methylene Chloride	4.91	84	18923	22.978	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	16097	21.232	ug/l	98
22) Diisopropyl ether	6.31	45	45080	26.632	ug/l	95
23) Vinyl Acetate	6.26	43	121424	120.738	ug/l	99
24) 1,1-Dichloroethane	6.21	63	28643	23.002	ug/l	96
25) 2-Butanone	7.17	43	19549	116.385	ug/l	99
26) 2,2-Dichloropropane	7.17	77	18666	20.485	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18461	22.855	ug/l	99
28) Bromochloromethane	7.51	49	9922	23.370	ug/l	95
29) Tetrahydrofuran	7.53	42	13050	130.252	ug/l	98
30) Chloroform	7.68	83	31331	22.233	ug/l	98
31) Cyclohexane	7.95	56	23200	20.351	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	25886	20.169	ug/l	97
36) 1,1-Dichloropropene	8.08	75	21978	18.721	ug/l	99
37) Ethyl Acetate	7.25	43	9425	23.262	ug/l	98
38) Carbon Tetrachloride	8.06	117	22546	16.307	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	26624	18.251	ug/l	98
40) Benzene	8.32	78	65737	20.984	ug/l	97
41) Methacrylonitrile	7.48	41	5186	22.545	ug/l	96
42) 1,2-Dichloroethane	8.40	62	22301	21.242	ug/l	99
43) Isopropyl Acetate	8.43	43	18736	23.082	ug/l	97
44) Trichloroethene	9.09	130	18603	19.636	ug/l	97
45) 1,2-Dichloropropane	9.37	63	15731	22.630	ug/l	100
46) Dibromomethane	9.46	93	8893	20.783	ug/l	98
47) Bromodichloromethane	9.65	83	22462	19.968	ug/l	97
48) Methyl methacrylate	9.44	41	9344	23.062	ug/l	96
49) 1,4-Dioxane	9.44	88	3317	488.930	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	43087	112.318	ug/l	99
52) Toluene	10.39	92	44946	21.384	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	23313	20.835	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26265	21.251	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12657	21.456	ug/l	95
56) Ethyl methacrylate	10.65	69	16010	22.971	ug/l	96
57) 1,3-Dichloropropane	10.93	76	21753	22.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	37701	118.475	ug/l	100
59) 2-Hexanone	10.97	43	30017	111.263	ug/l	100
60) Dibromochloromethane	11.13	129	15025	19.236	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12884	21.568	ug/l	100
64) Tetrachloroethene	10.86	164	16156	20.668	ug/l	97
65) Chlorobenzene	11.66	112	49330	20.646	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	16676	19.533	ug/l	95
67) Ethyl Benzene	11.73	91	87389	21.314	ug/l	97
68) m/p-Xylenes	11.84	106	69060	43.421	ug/l	100
69) o-Xylene	12.17	106	33276	22.320	ug/l	97
70) Styrene	12.18	104	53966	22.021	ug/l	100
71) Bromoform	12.35	173	7638	17.234	ug/l #	99
73) Isopropylbenzene	12.47	105	88992	20.971	ug/l	100
74) N-amyl acetate	12.27	43	17549	23.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	13723	21.568	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	10940m	25.212	ug/l	
77) Bromobenzene	12.75	156	21034	21.628	ug/l	98
78) n-propylbenzene	12.80	91	102019	20.652	ug/l	100
79) 2-Chlorotoluene	12.90	91	62081	21.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	78584	21.468	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3896	18.847	ug/l	98
82) 4-Chlorotoluene	12.99	91	65255	21.297	ug/l	100
83) tert-Butylbenzene	13.21	119	67636	21.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	82812	22.420	ug/l	100
85) sec-Butylbenzene	13.39	105	90487	20.443	ug/l	99
86) p-Isopropyltoluene	13.51	119	82139	20.407	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40996	21.231	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	41199	21.330	ug/l	98
89) n-Butylbenzene	13.83	91	73465	19.907	ug/l	99
90) Hexachloroethane	14.10	117	12083	17.100	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	37167	21.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2581	19.753	ug/l	97

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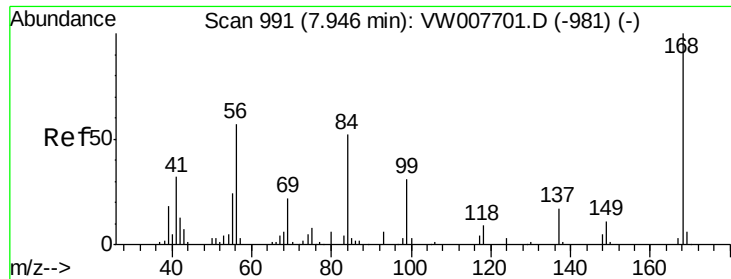
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25424	21.185	ug/l	99
94) Hexachlorobutadiene	15.24	225	12788	19.939	ug/l	99
95) Naphthalene	15.38	128	52027	23.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	22346	21.753	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion:168 Resp: 69870

Ion Ratio Lower Upper

168 100

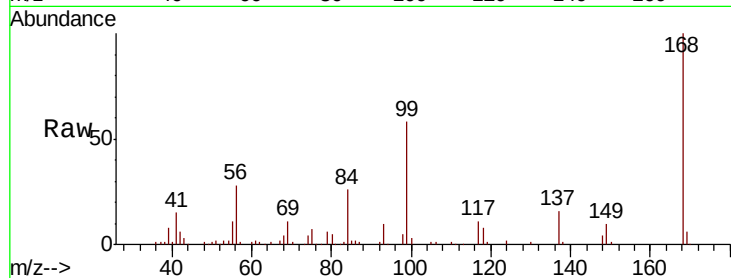
99 58.0 54.0 81.0

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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

30000

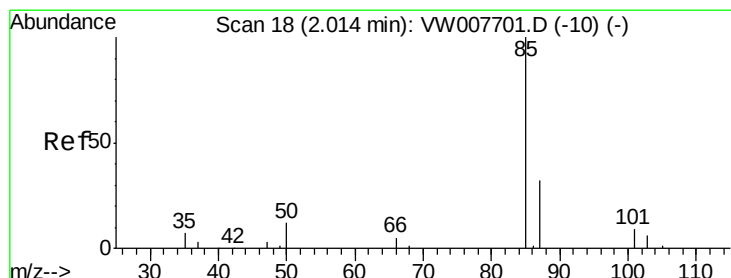
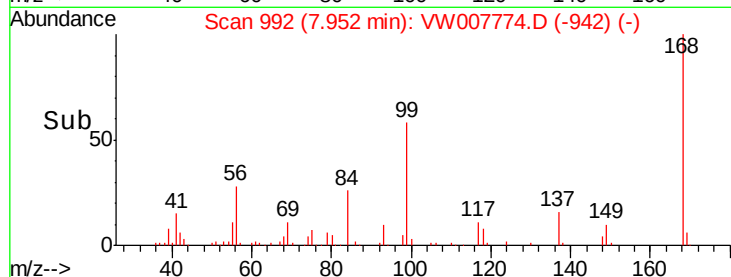
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.882 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007774.D

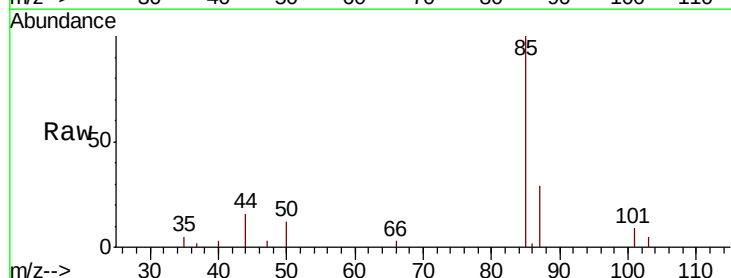
Acq: 21 Dec 2018 05:38

Tgt Ion: 85 Resp: 10486

Ion Ratio Lower Upper

85 100

87 29.1 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

3000

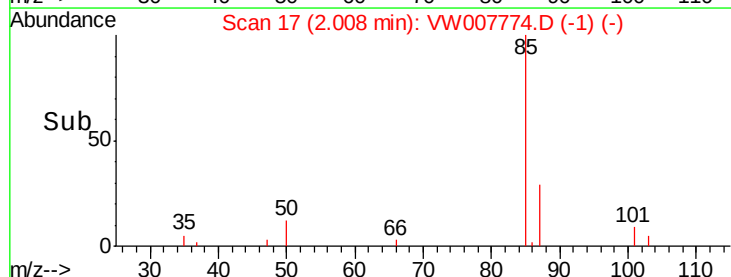
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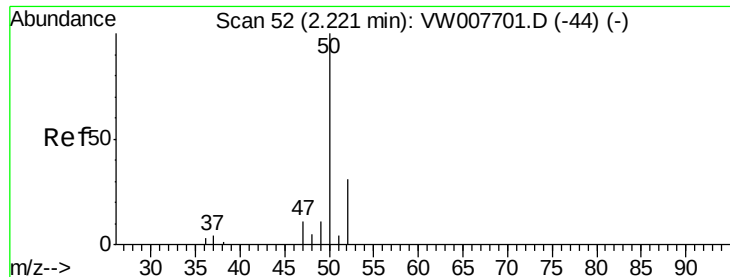
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0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 26.069 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 50 Resp: 9943

Ion Ratio Lower Upper

50 100

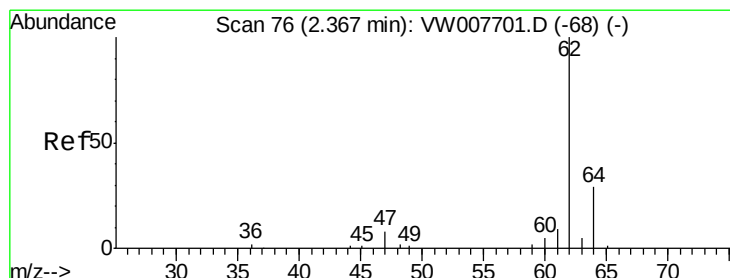
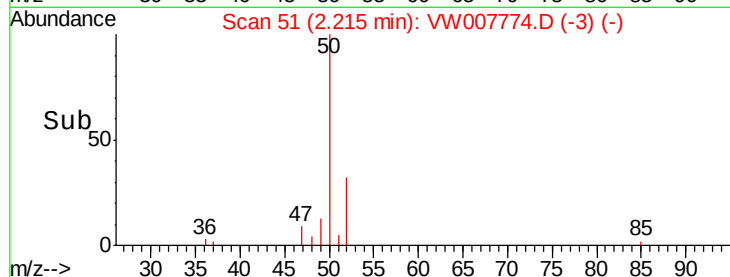
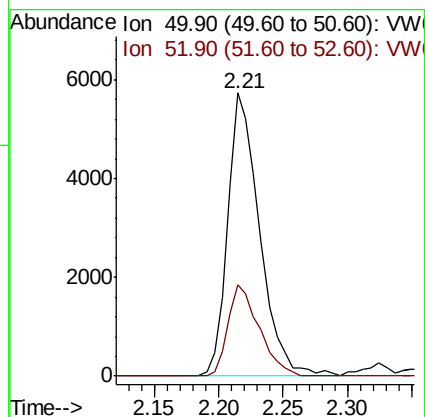
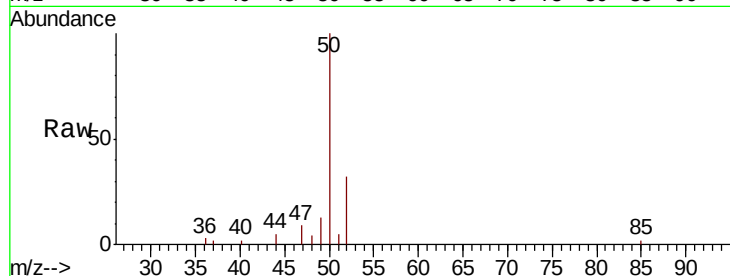
52 32.5 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.402 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007774.D

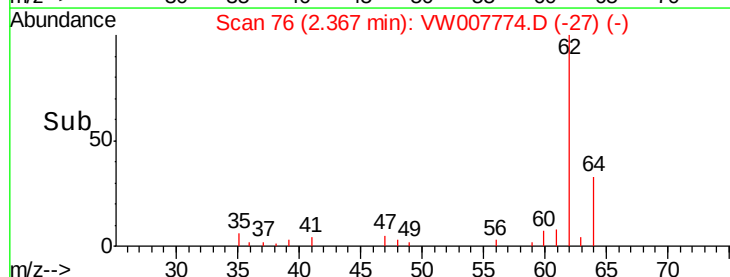
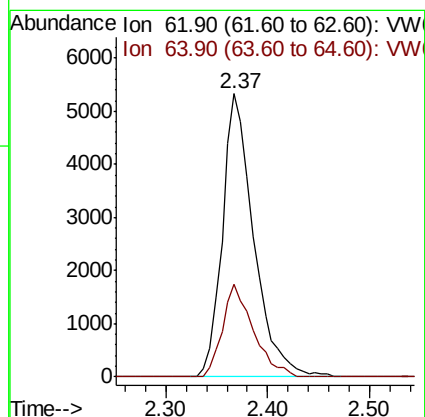
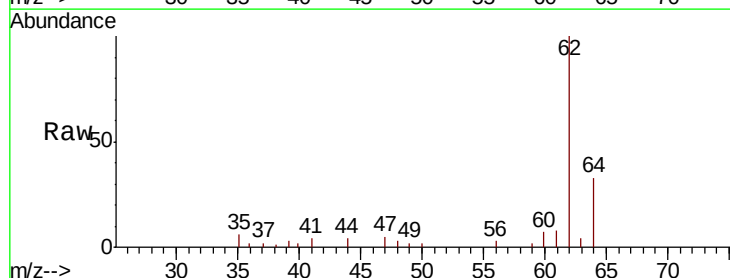
Acq: 21 Dec 2018 05:38

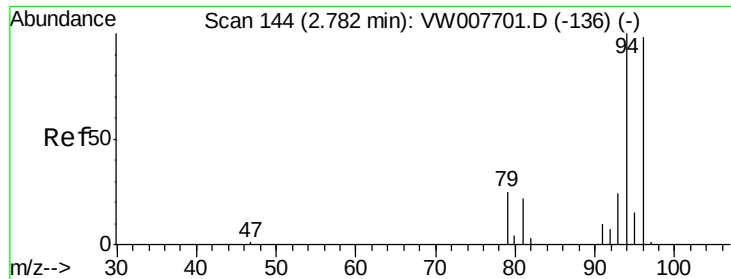
Tgt Ion: 62 Resp: 11362

Ion Ratio Lower Upper

62 100

64 33.0 23.4 35.0





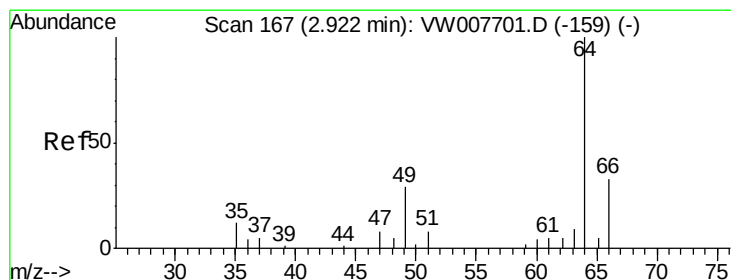
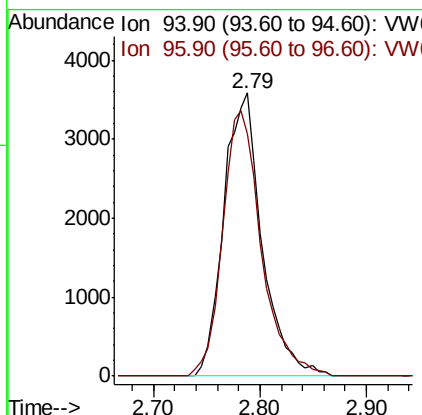
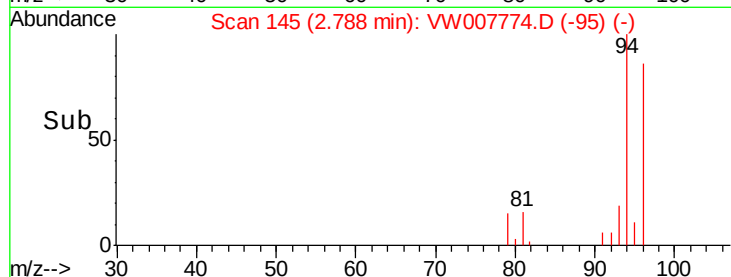
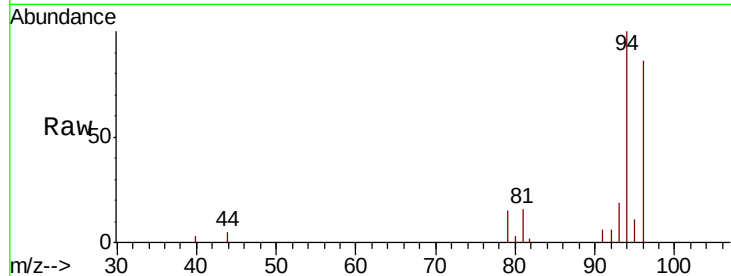
#5
Bromomethane
Concen: 26.634 ug/l
RT: 2.79 min Scan# 145
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 94 Resp: 9007
Ion Ratio Lower Upper
94 100
96 85.6 78.2 117.2

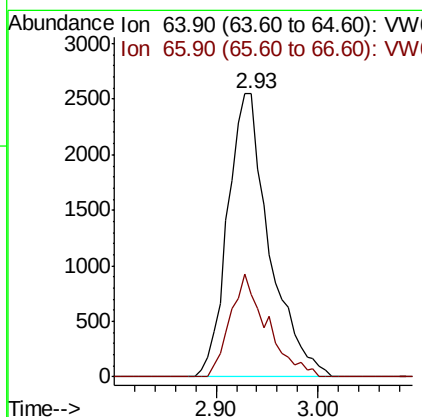
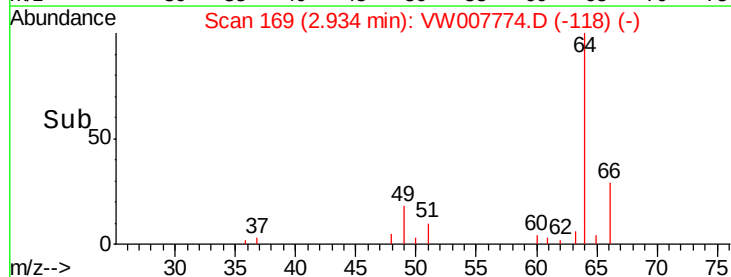
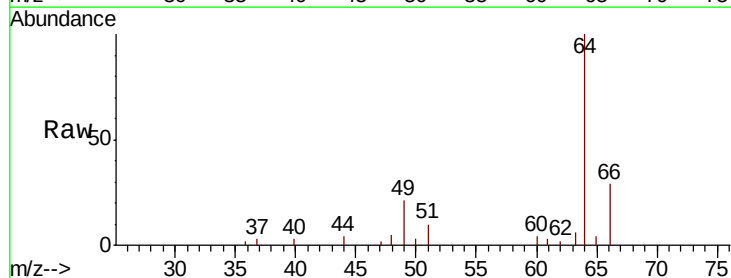
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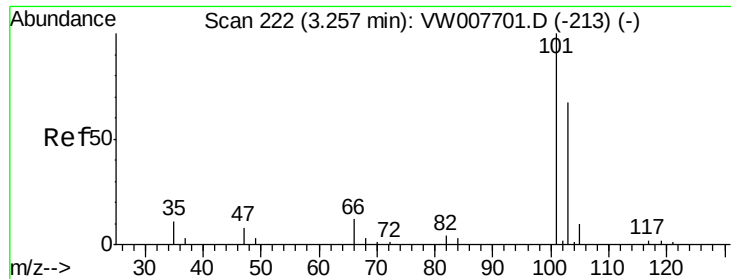
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#6
Chloroethane
Concen: 27.792 ug/l
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 64 Resp: 7219
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.4





#7

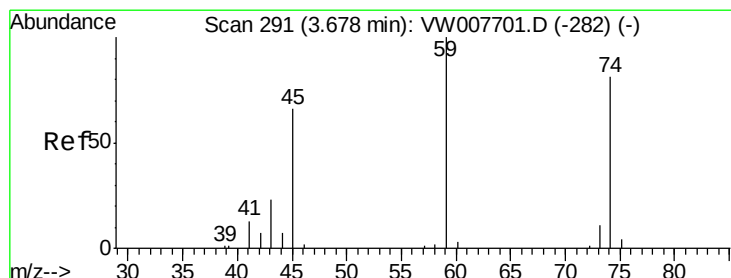
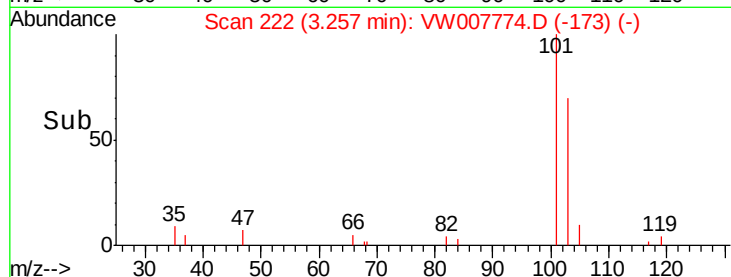
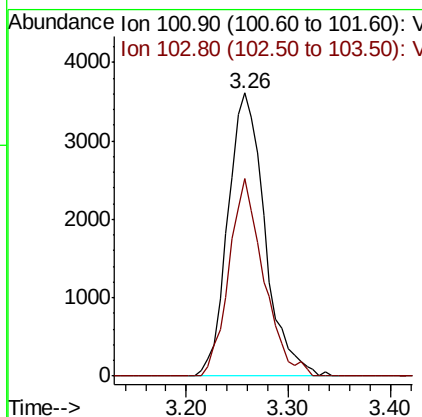
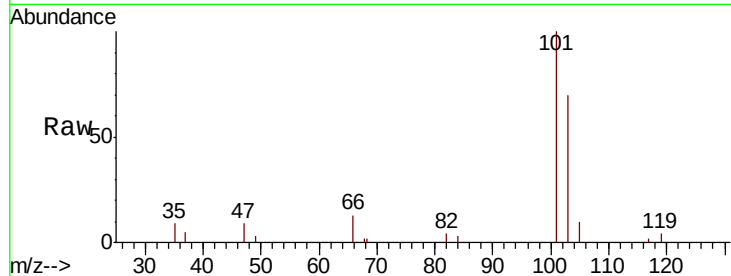
Trichlorofluoromethane
 Concen: 17.951 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

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 ClientSampleId :
 VW1222SBS02

Tgt Ion: 101 Resp: 9074
 Ion Ratio Lower Upper
 101 100
 103 69.8 53.4 80.2

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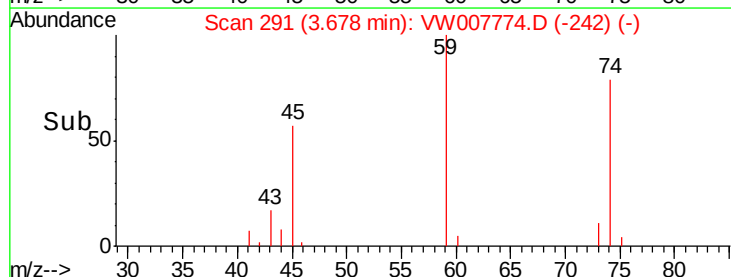
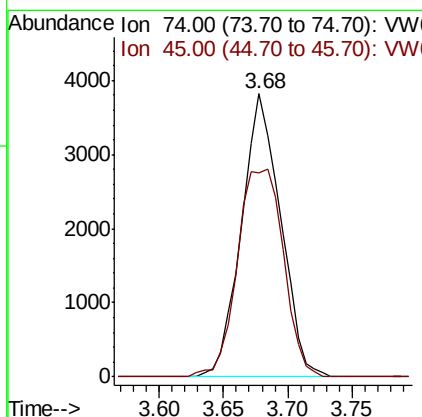
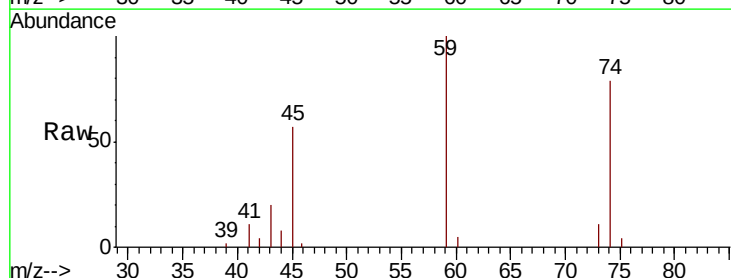
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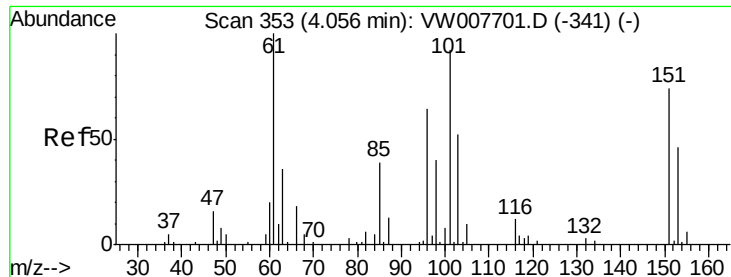


#8

Diethyl Ether
 Concen: 25.930 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 74 Resp: 8028
 Ion Ratio Lower Upper
 74 100
 45 86.4 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.966 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

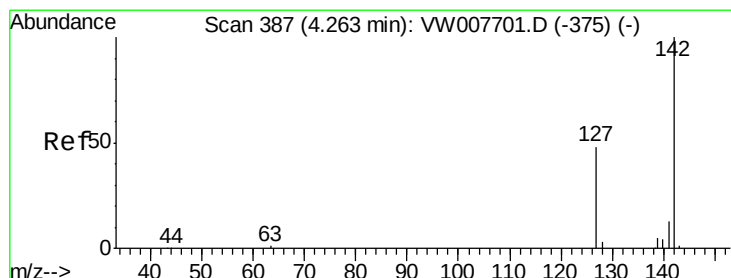
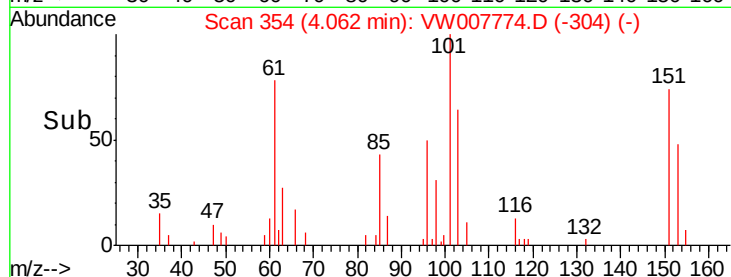
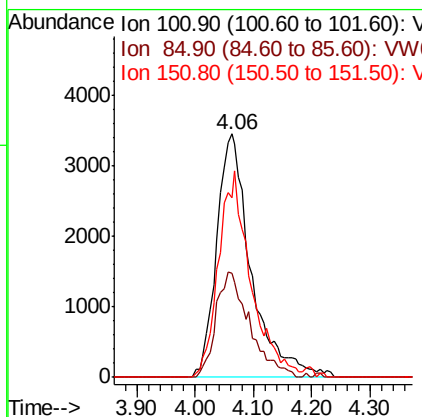
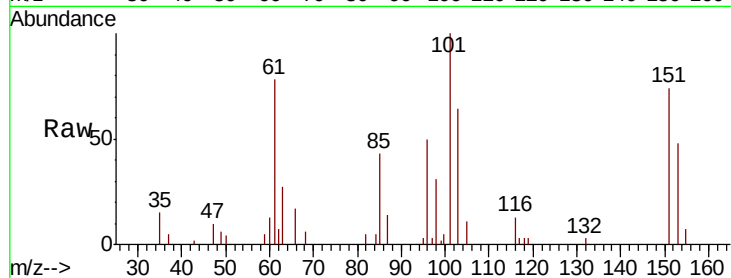
ClientSampleId :

VW1222SBS02

Tgt Ion:	101	Resp:	14119
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.3	51.5
151	79.5	64.6	96.8

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#10

Methyl Iodide

Concen: 22.296 ug/l

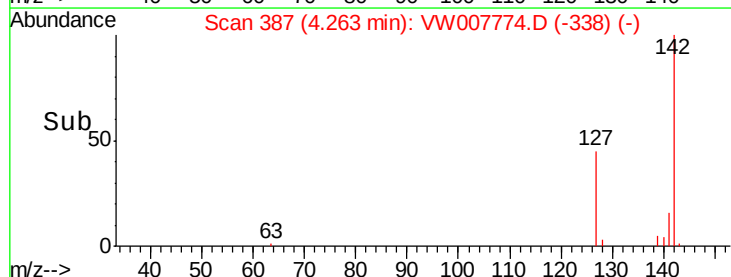
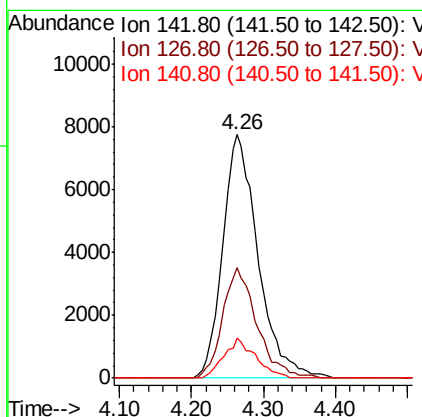
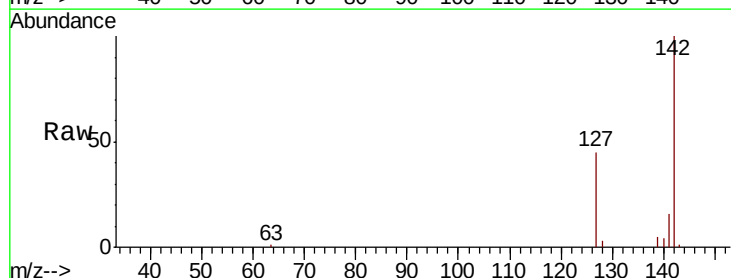
RT: 4.26 min Scan# 387

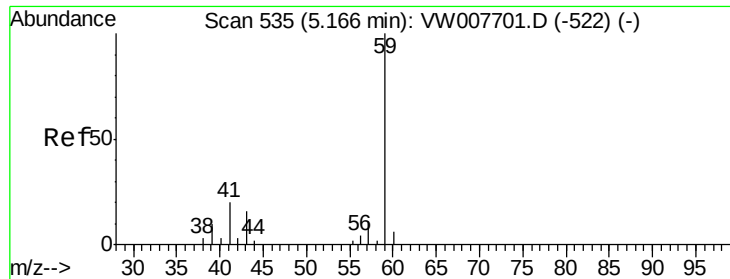
Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion:	142	Resp:	26396
Ion Ratio	Lower	Upper	
142	100		
127	44.0	37.7	56.5
141	14.7	11.5	17.3





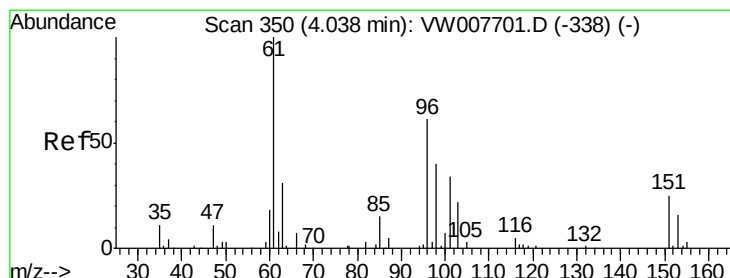
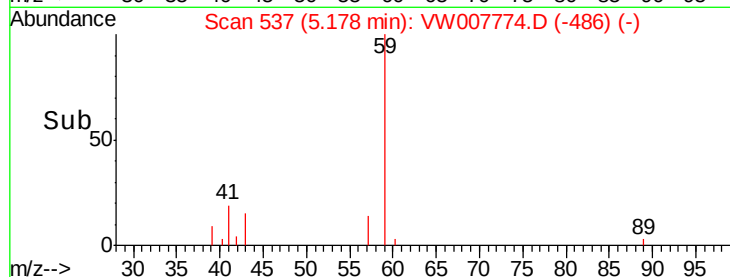
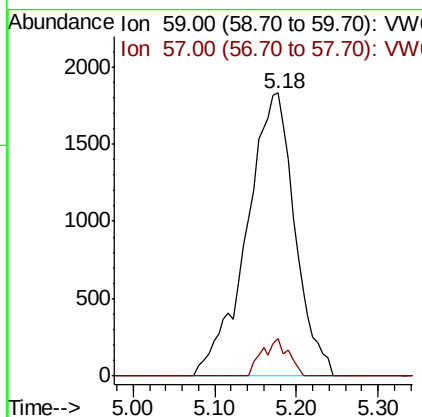
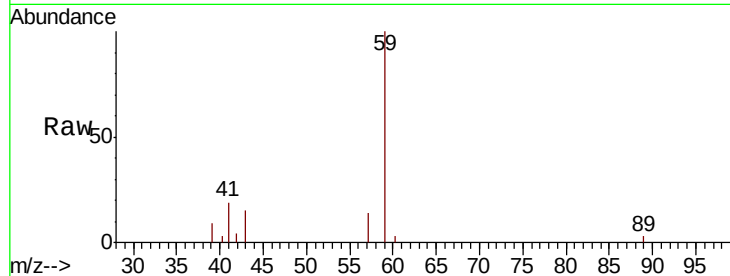
#11
Tert butyl alcohol
Concen: 145.684 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 59 Resp: 7526
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#

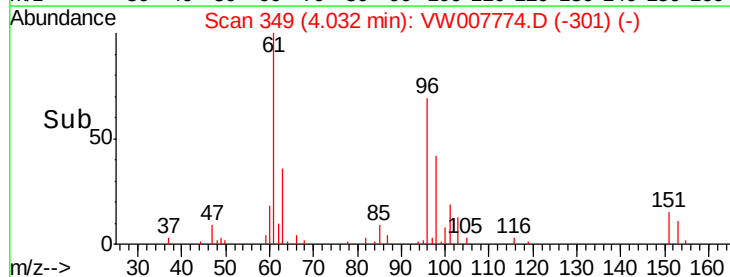
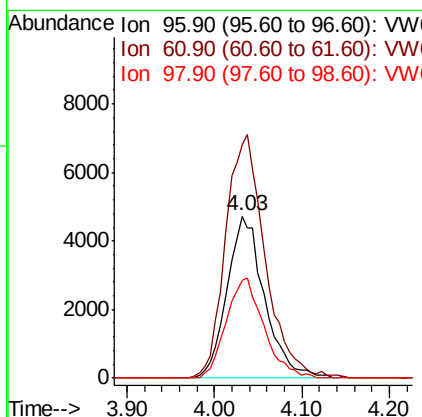
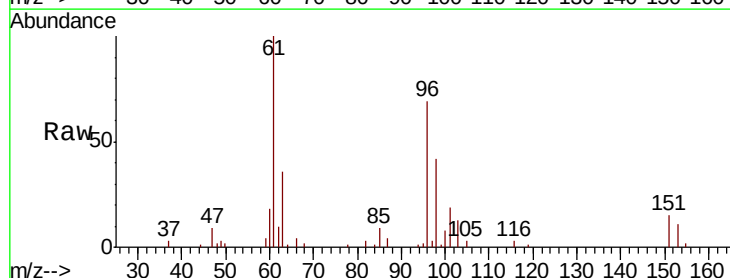
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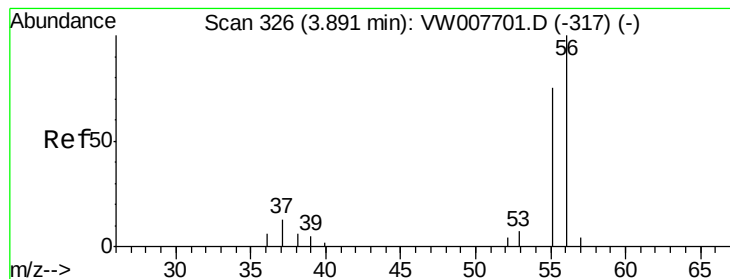
apatel
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#12
1,1-Dichloroethene
Concen: 20.380 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 96 Resp: 14049
Ion Ratio Lower Upper
96 100
61 144.2 130.6 195.8
98 60.5 52.3 78.5





#13

Acrolein

Concen: 112.529 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 56 Resp: 4648

Ion Ratio Lower Upper

56 100

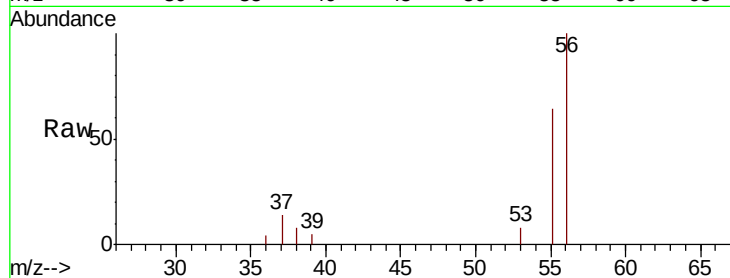
55 74.2 57.7 86.5

Manual Integrations

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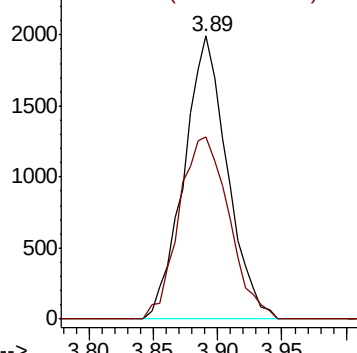
apatel

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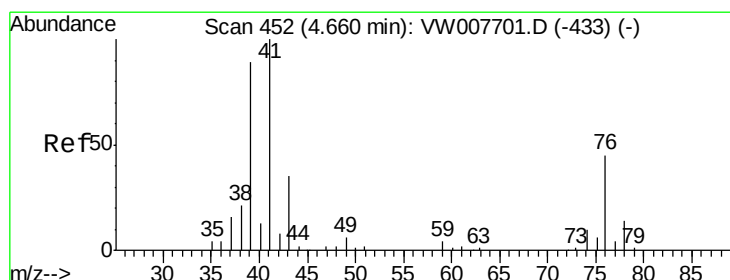
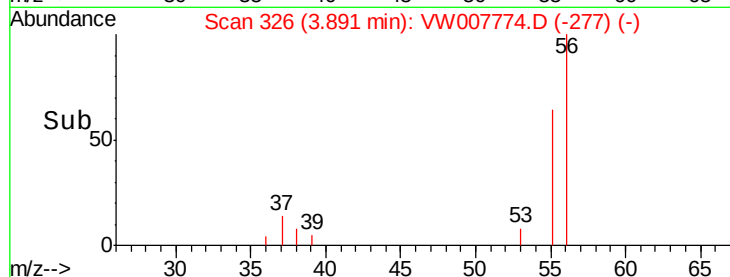


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 23.595 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

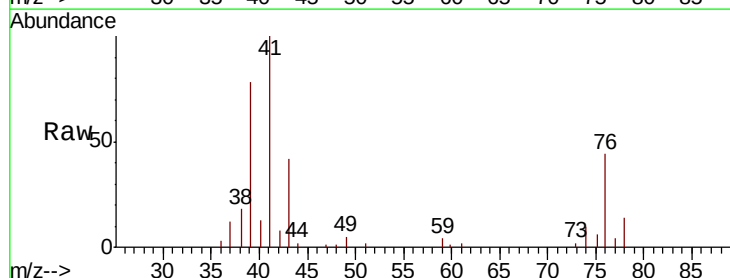
Tgt Ion: 41 Resp: 21330

Ion Ratio Lower Upper

41 100

39 79.5 69.5 104.3

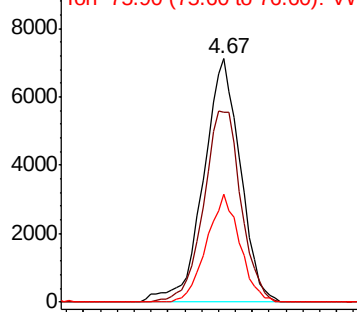
76 39.9 34.8 52.2



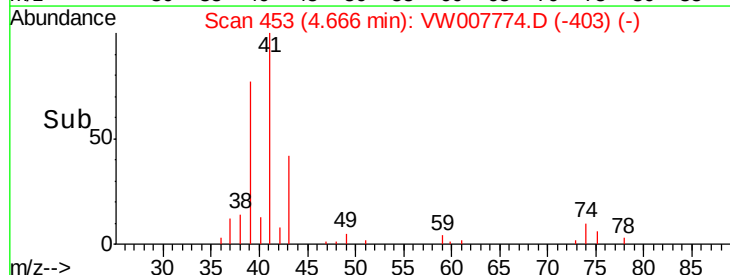
Abundance Ion 41.00 (40.70 to 41.70): VW

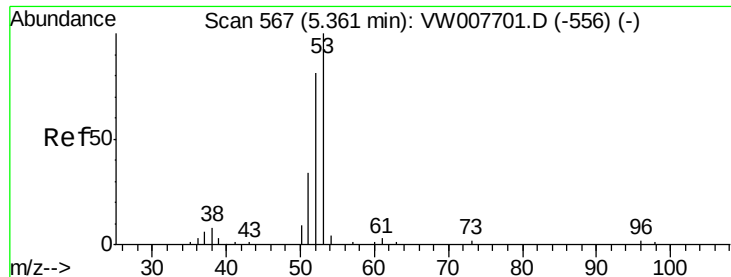
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 123.943 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

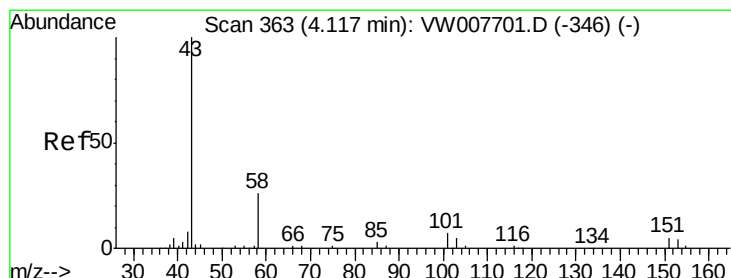
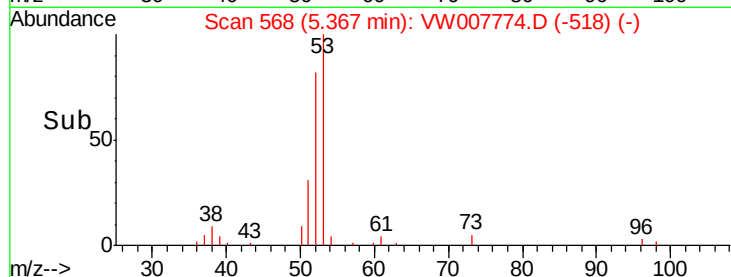
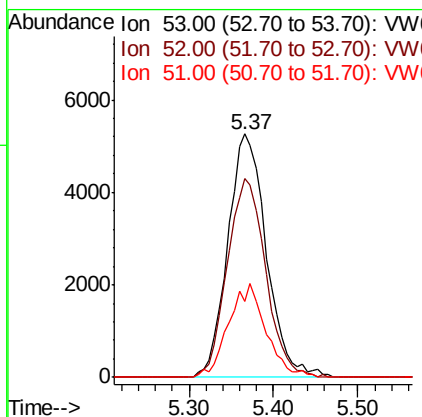
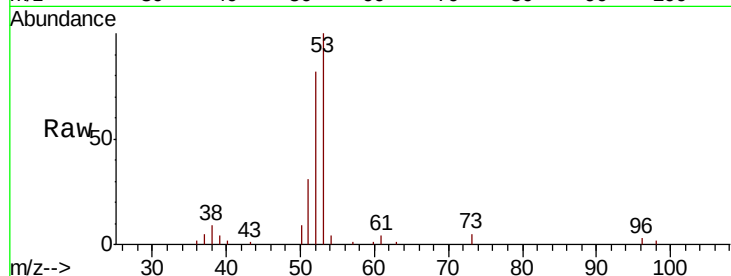
ClientSampleId :

VW1222SBS02

Tgt Ion:	53	Resp:	16369
Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.0	100.4
51	37.2	30.2	45.2

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#16

Acetone

Concen: 101.977 ug/l

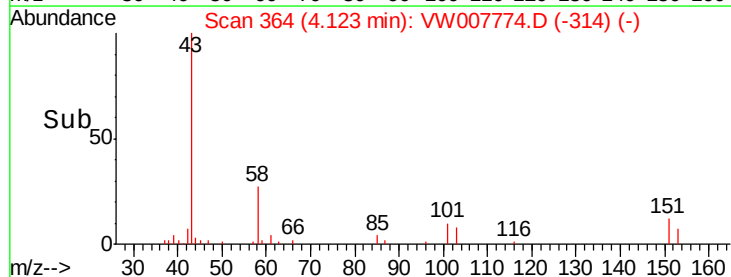
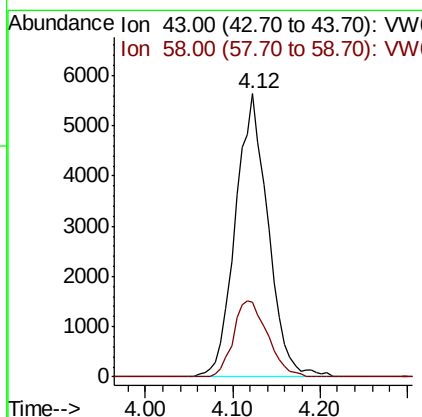
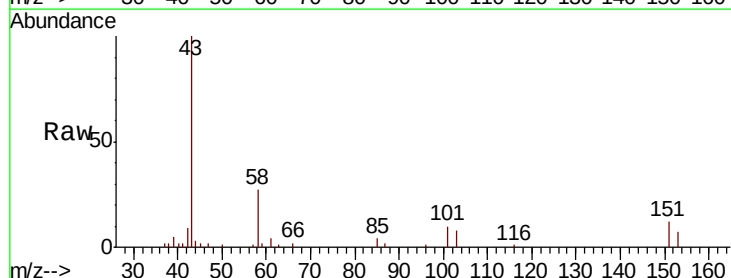
RT: 4.12 min Scan# 364

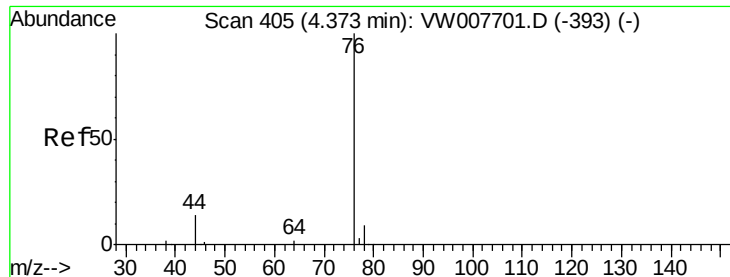
Delta R.T. 0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion:	43	Resp:	14624
Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.2	31.8





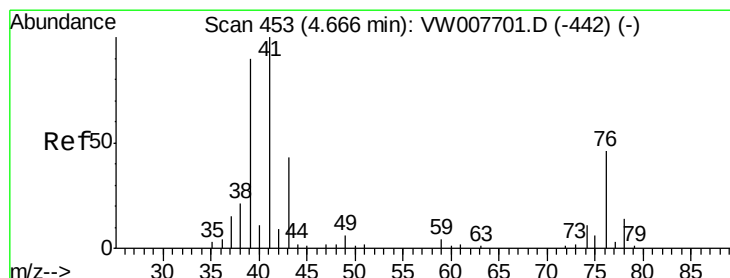
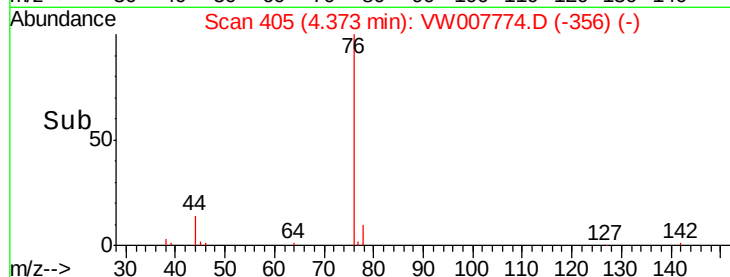
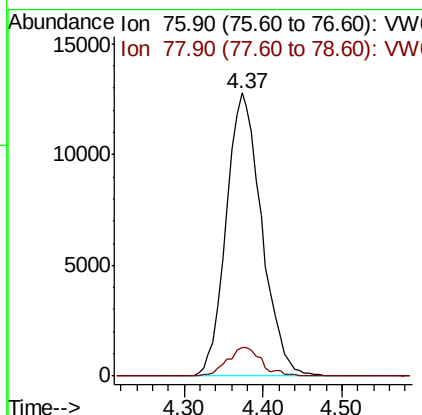
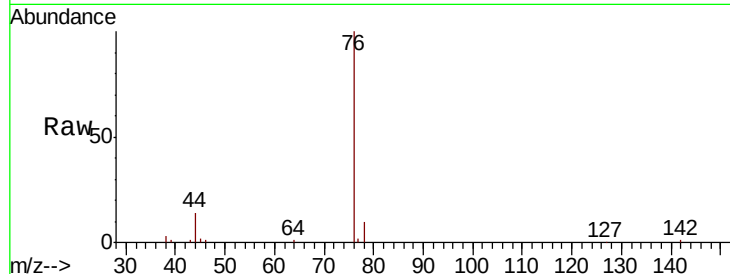
#17
Carbon Disulfide
Concen: 18.690 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 76 Resp: 39870
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9

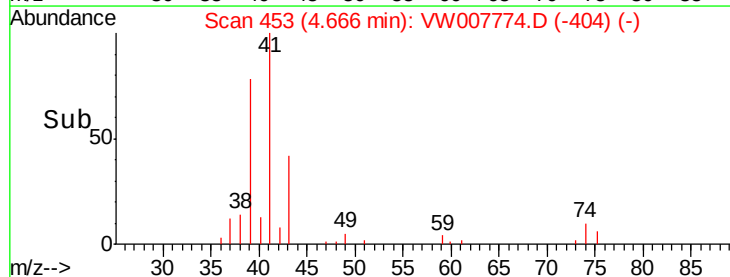
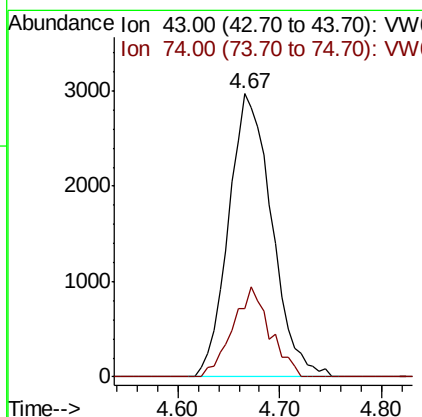
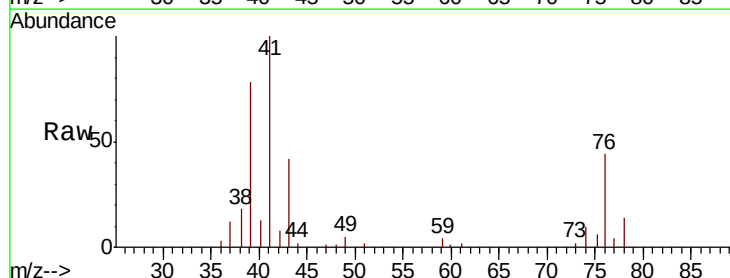
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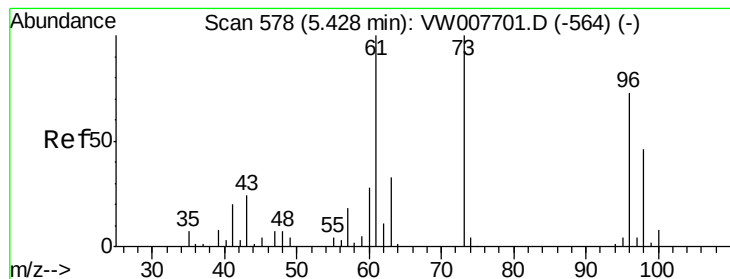
apatel
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#18
Methyl Acetate
Concen: 25.568 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 43 Resp: 8720
Ion Ratio Lower Upper
43 100
74 27.5 22.7 34.1





#19

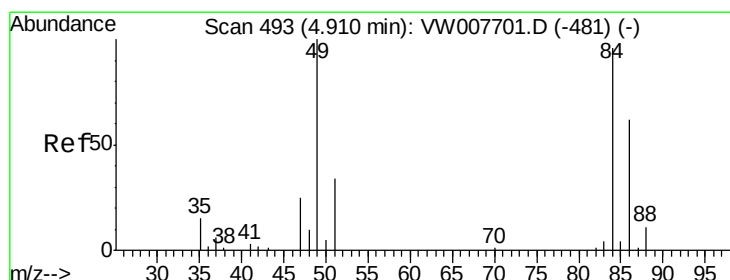
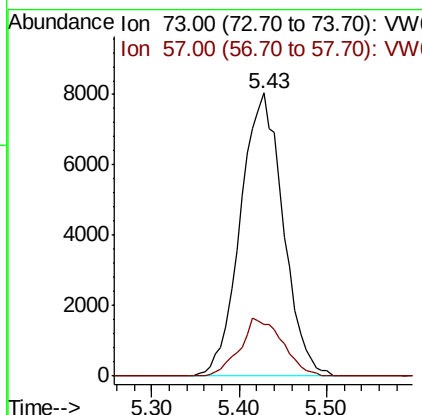
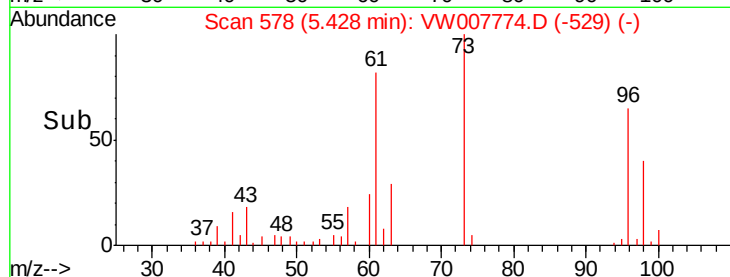
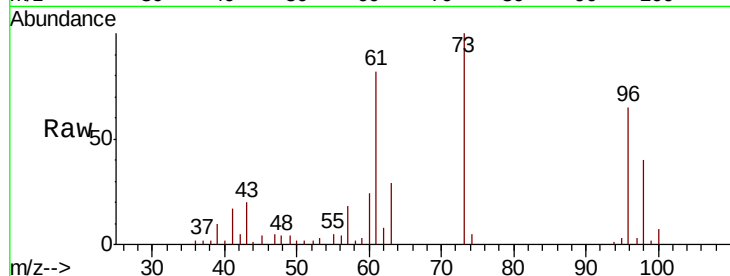
Methyl tert-butyl Ether
 Concen: 27.610 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 73 Resp: 27324
 Ion Ratio Lower Upper
 73 100
 57 18.3 14.7 22.1

Manual Integrations
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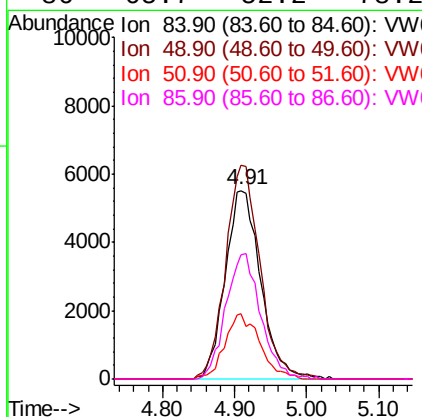
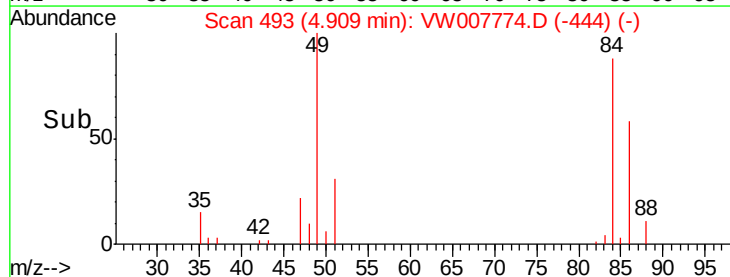
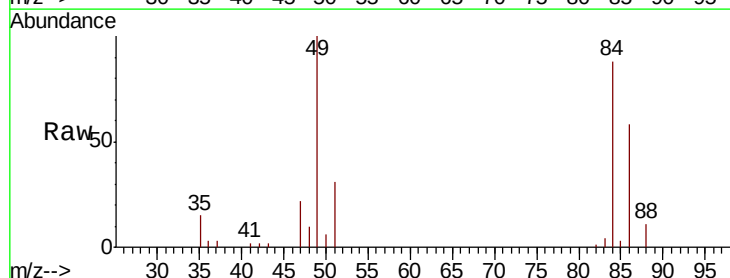
apatel
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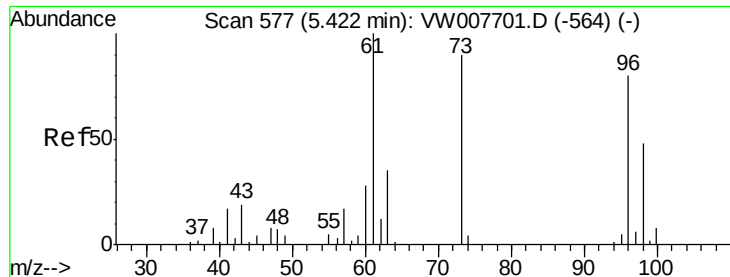


#20

Methylene Chloride
 Concen: 22.978 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 84 Resp: 18923
 Ion Ratio Lower Upper
 84 100
 49 113.3 83.7 125.5
 51 34.7 28.2 42.2
 86 65.7 52.2 78.2





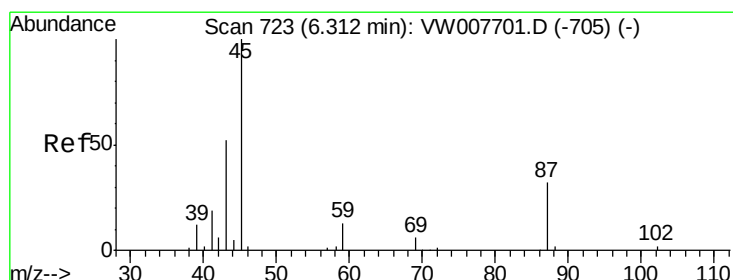
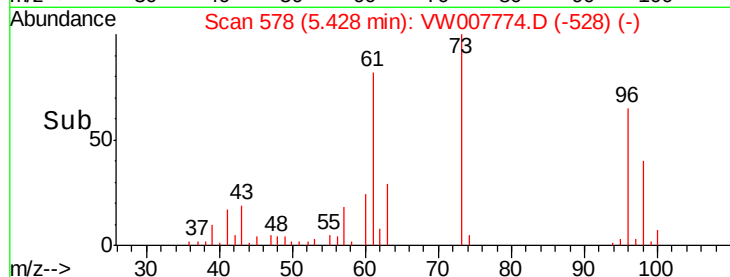
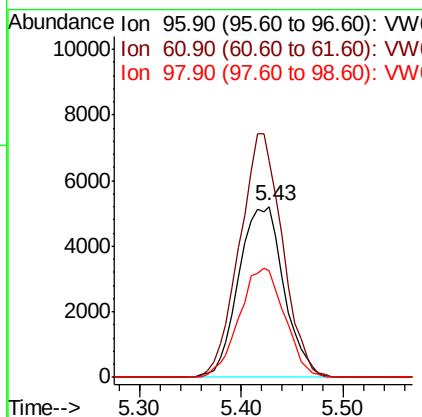
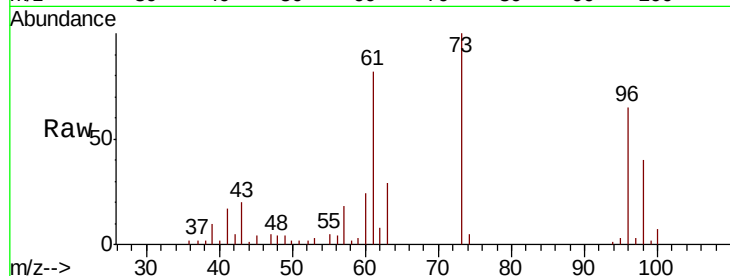
#21
trans-1,2-Dichloroethene
Concen: 21.232 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.1	100.1	150.1
98	62.4	48.5	72.7

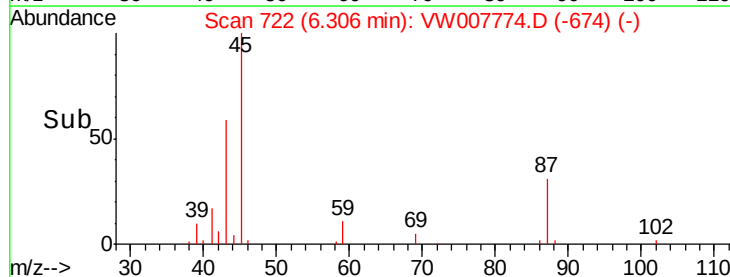
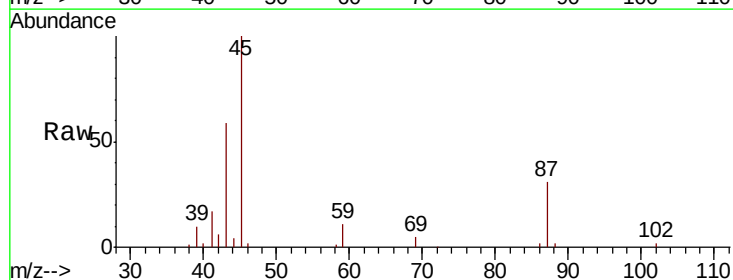
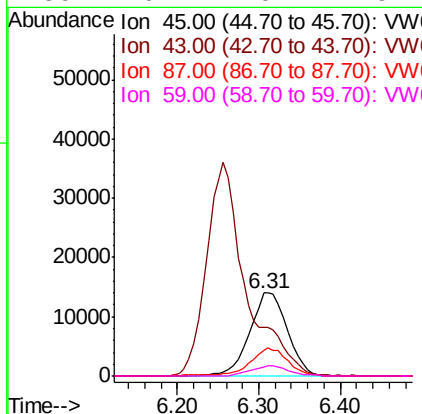
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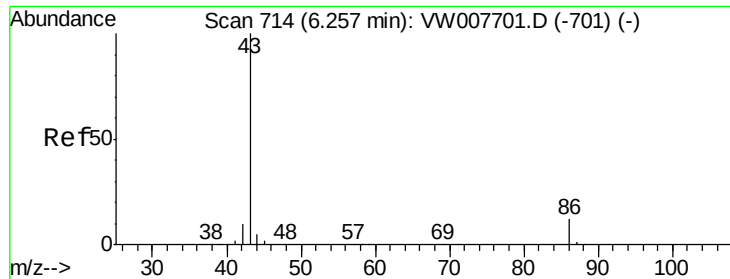
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#22
Diisopropyl ether
Concen: 26.632 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.4	43.7	65.5
87	31.4	26.6	40.0
59	10.7	10.2	15.2





#23

Vinyl Acetate

Concen: 120.738 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 43 Resp: 121424

Ion Ratio Lower Upper

43 100

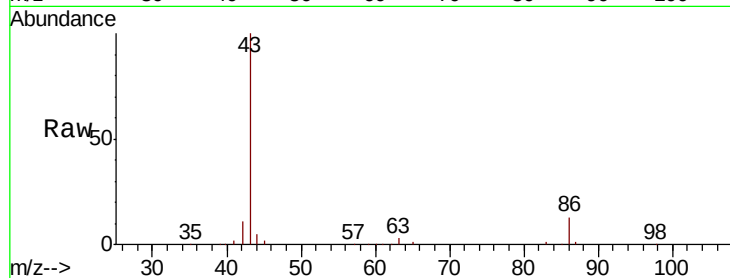
86 12.5 9.6 14.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

40000

30000

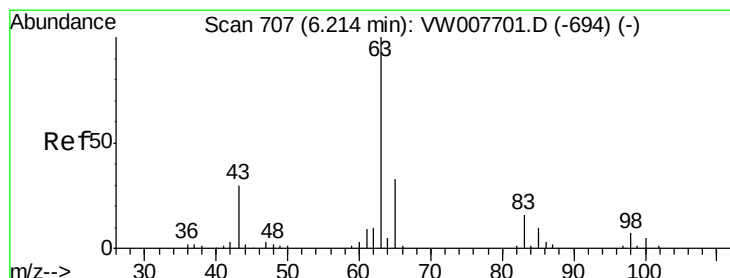
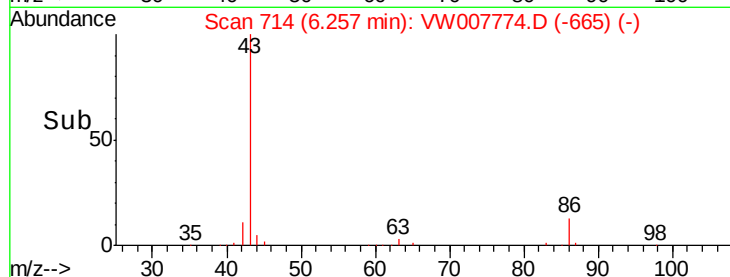
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 23.002 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

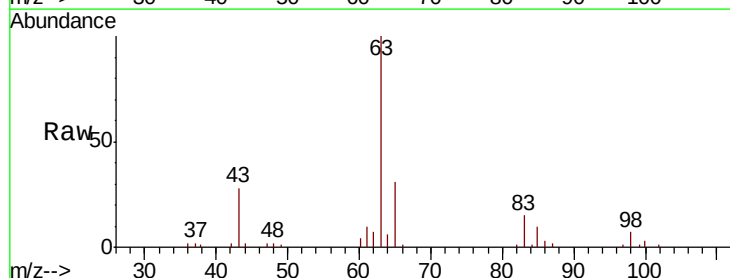
Tgt Ion: 63 Resp: 28643

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 3.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

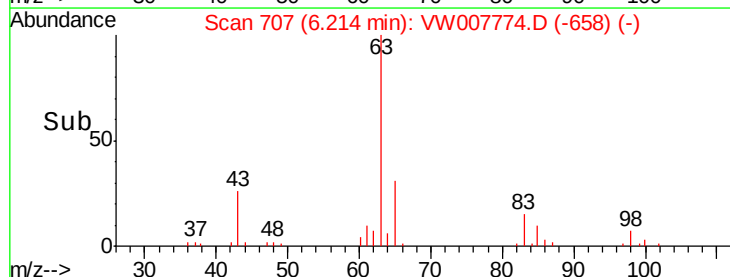
10000

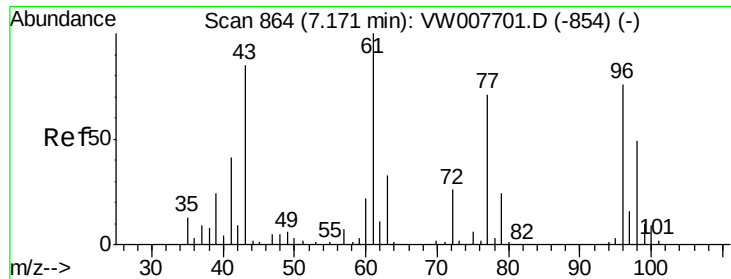
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 116.385 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 43 Resp: 19549

Ion Ratio Lower Upper

43 100

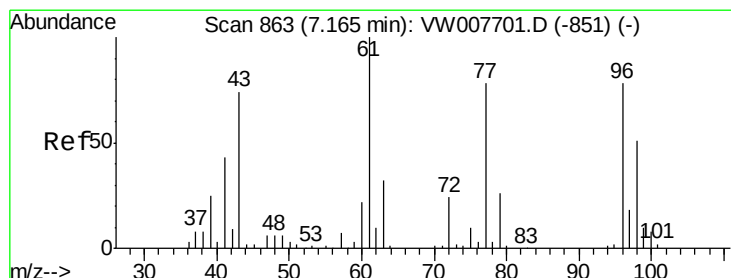
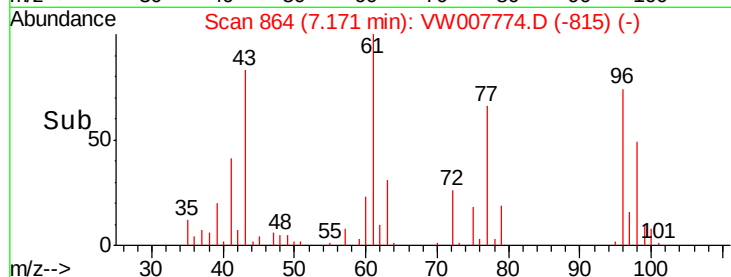
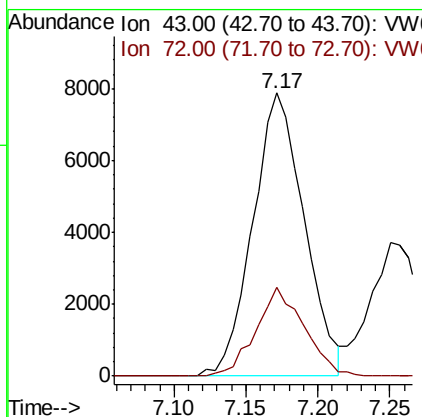
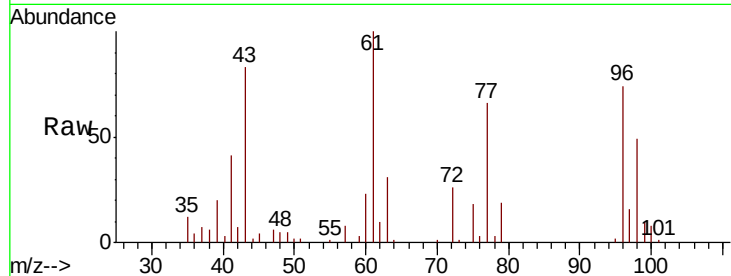
72 31.3 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.485 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007774.D

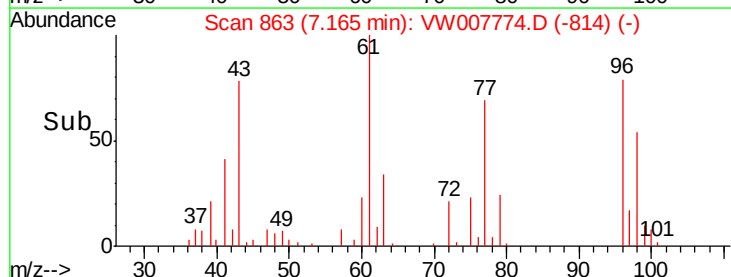
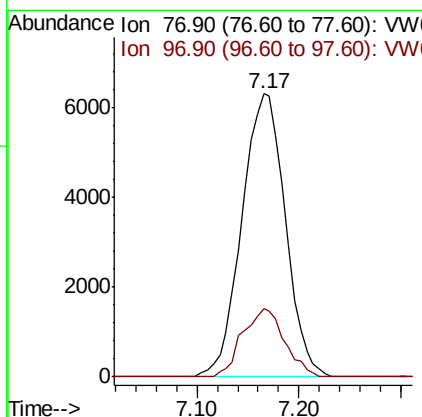
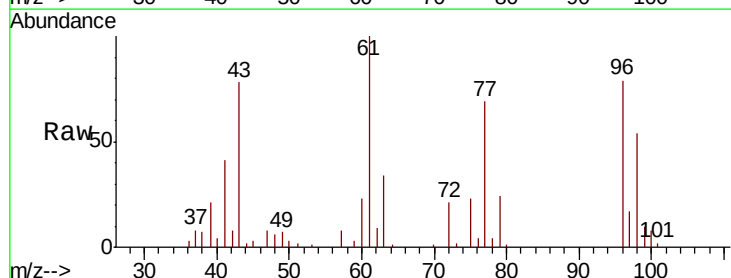
Acq: 21 Dec 2018 05:38

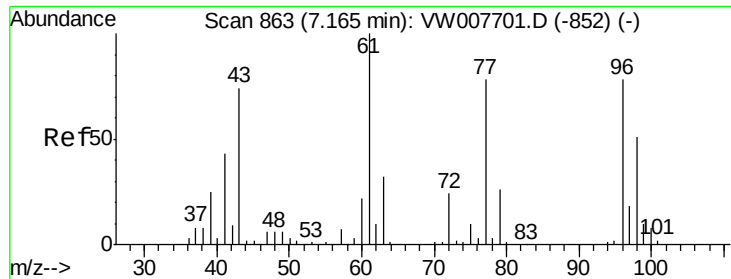
Tgt Ion: 77 Resp: 18666

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9





#27

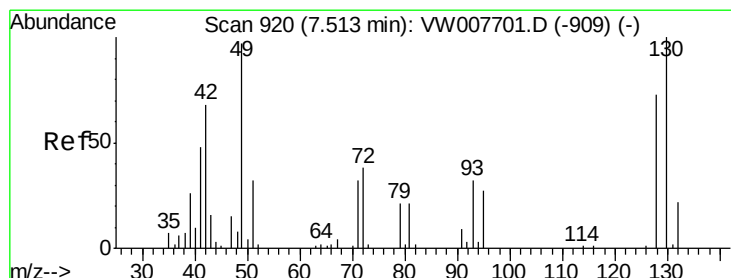
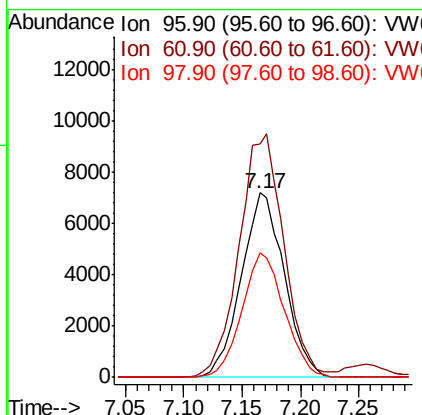
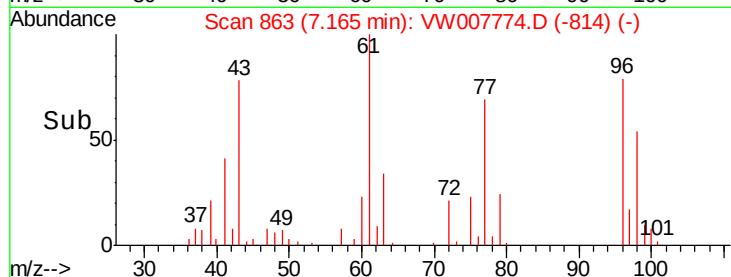
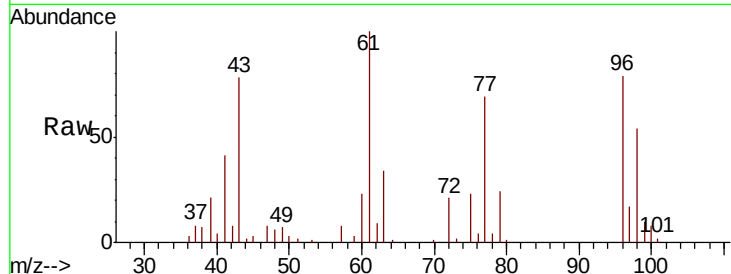
cis-1,2-Dichloroethene
Concen: 22.855 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	271.6
98	66.6	0.0	131.2

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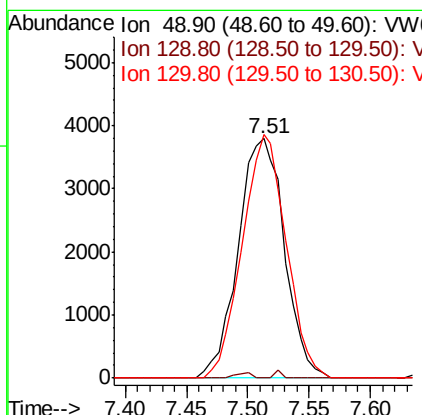
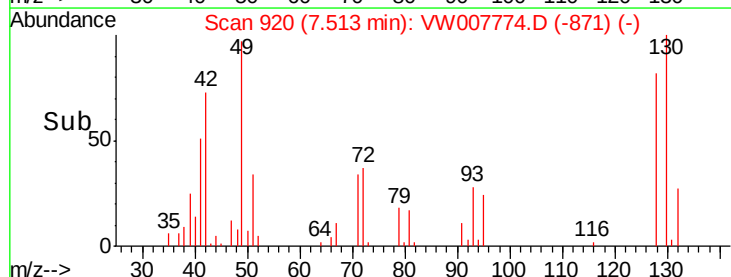
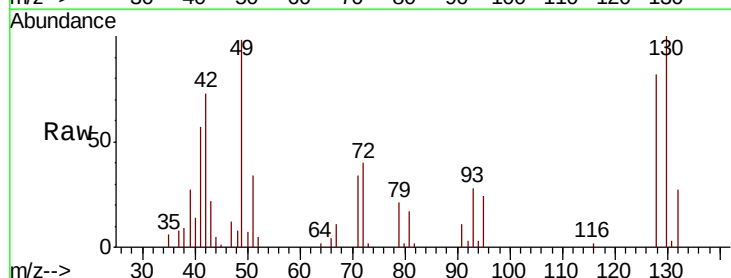
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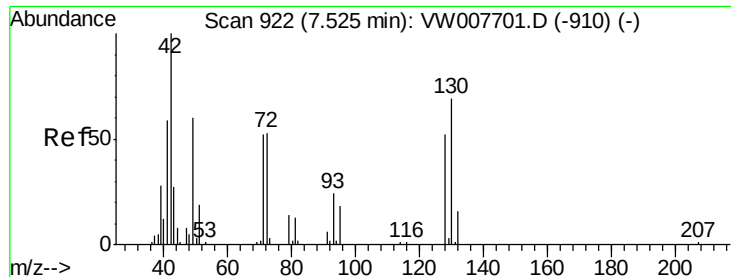


#28

Bromochloromethane
Concen: 23.370 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.2
130	96.9	81.5	122.3





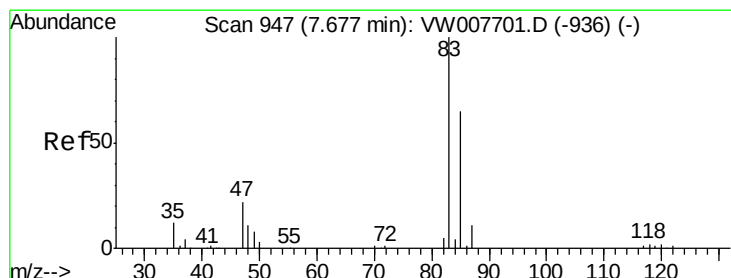
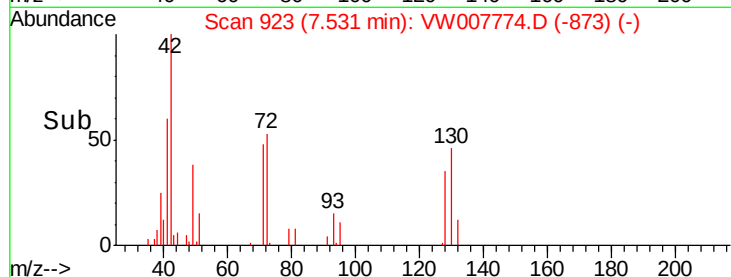
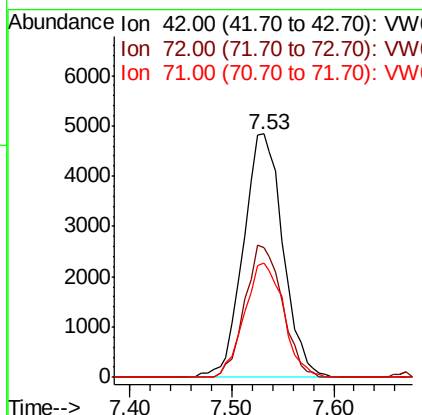
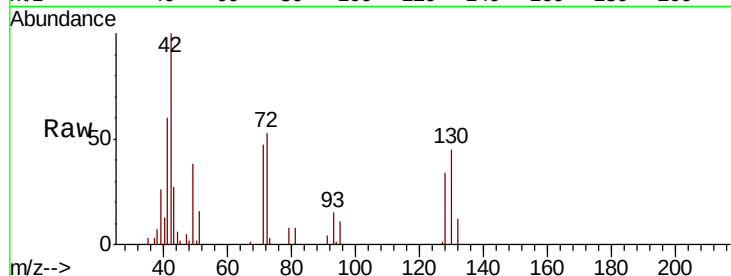
#29
Tetrahydrofuran
Concen: 130.252 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.7	62.5
71	46.5	39.0	58.6

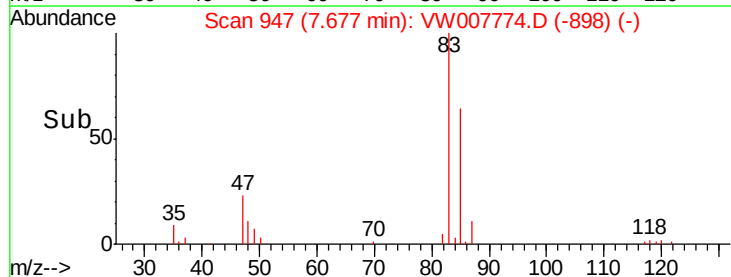
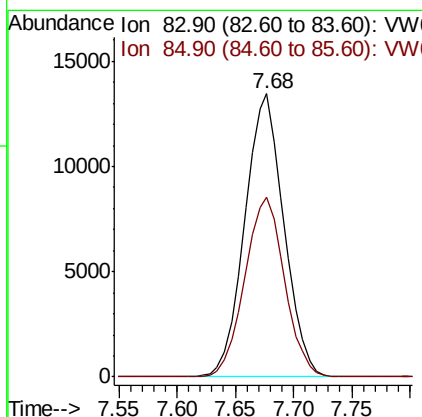
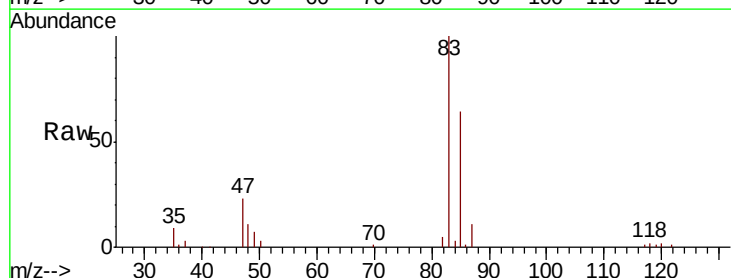
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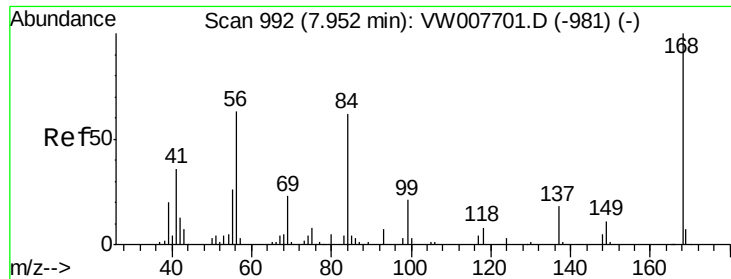
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#30
Chloroform
Concen: 22.233 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.2





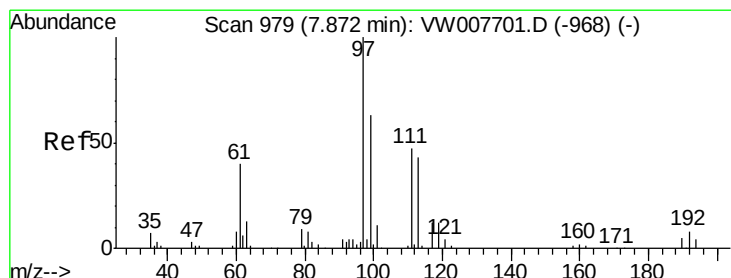
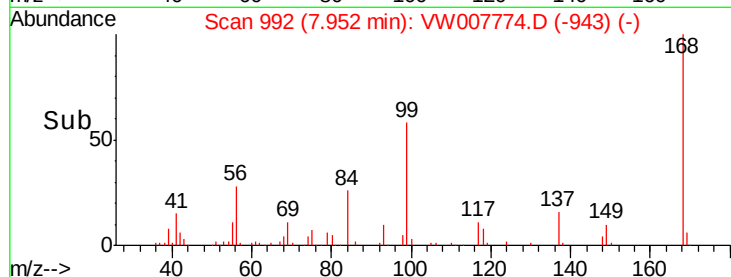
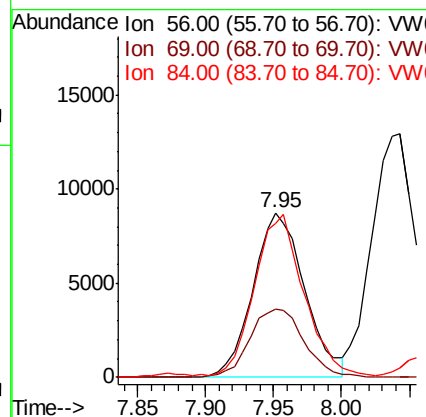
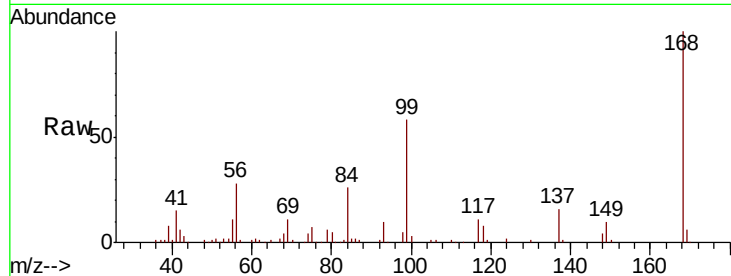
#31
Cyclohexane
Concen: 20.351 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.3	29.7	44.5
84	92.7	78.9	118.3

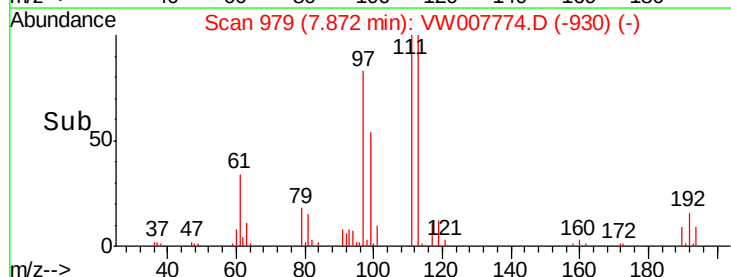
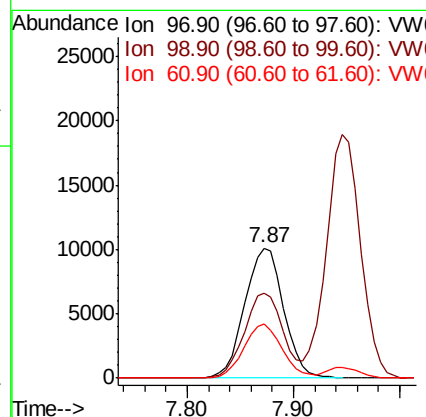
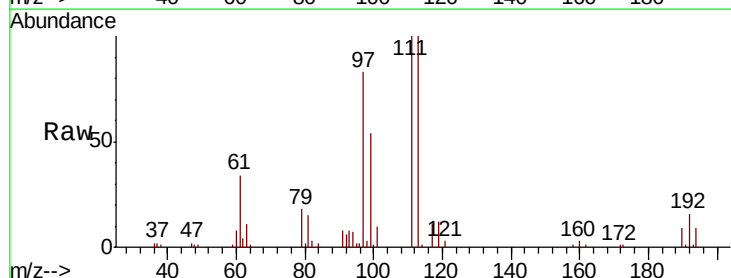
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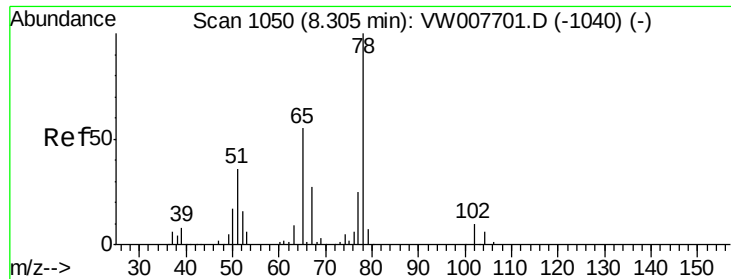
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#32
1,1,1-Trichloroethane
Concen: 20.169 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.6	76.0
61	41.3	32.3	48.5





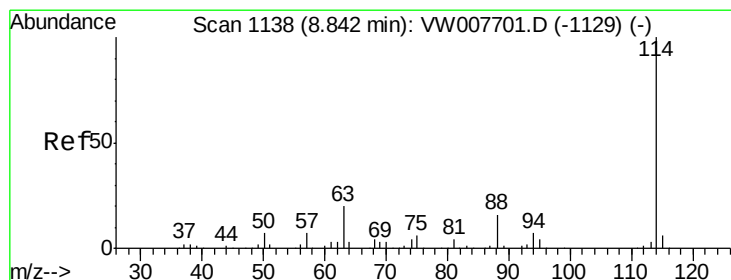
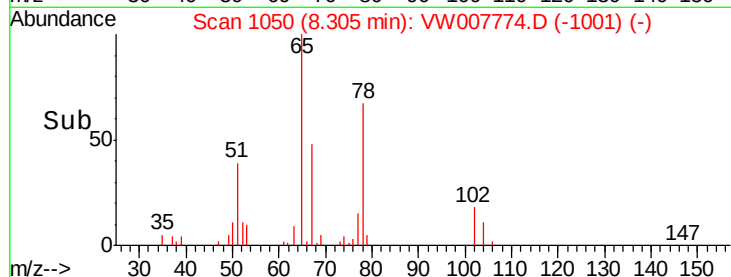
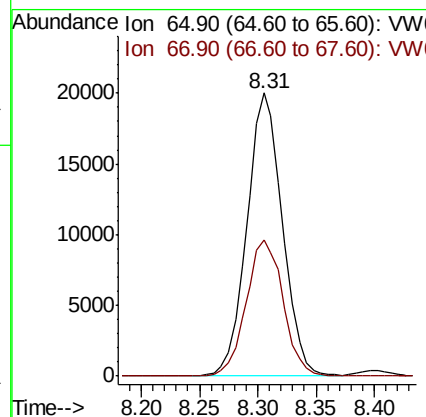
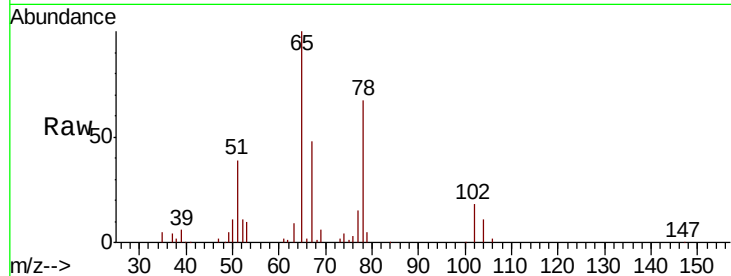
#33
 1,2-Dichloroethane-d4
 Concen: 55.399 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 65 Resp: 42425
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.6

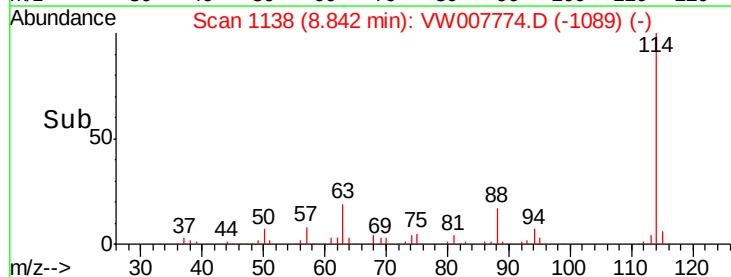
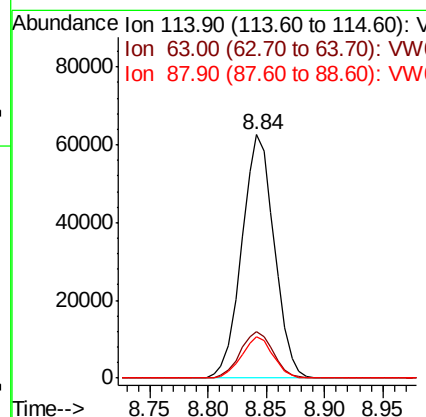
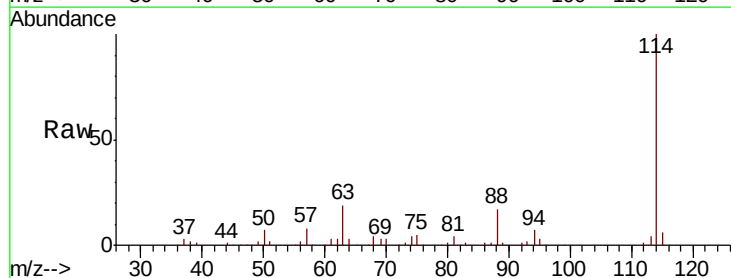
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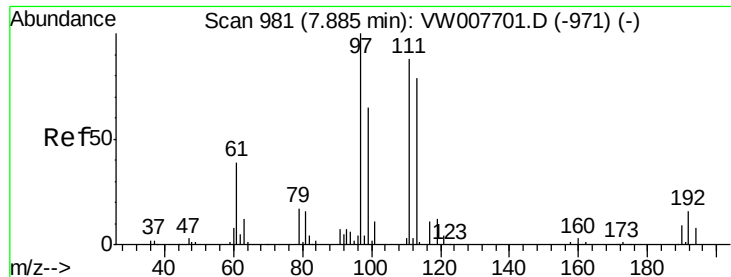
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 114 Resp: 121634
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.335 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

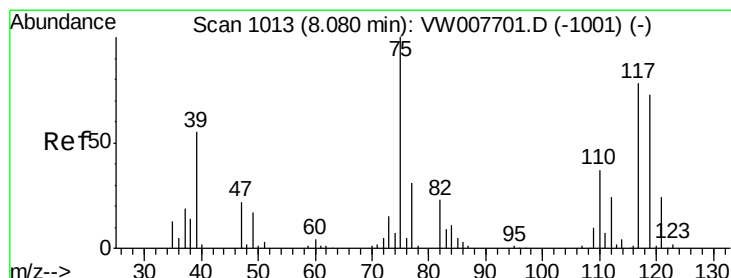
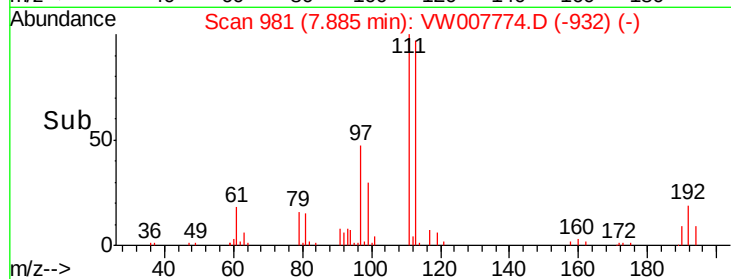
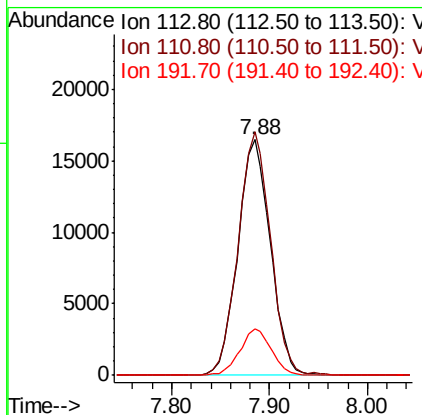
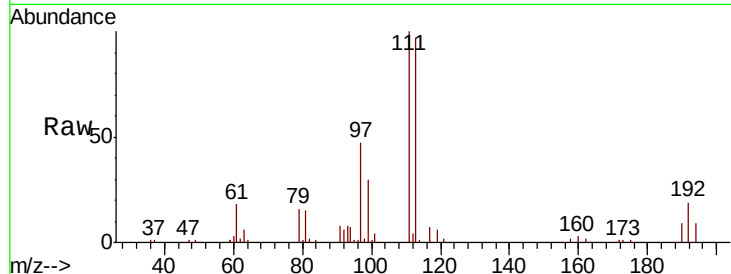
ClientSampleId :

VW1222SBS02

Tgt Ion:	113	Resp:	38092
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	18.9	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 18.721 ug/l

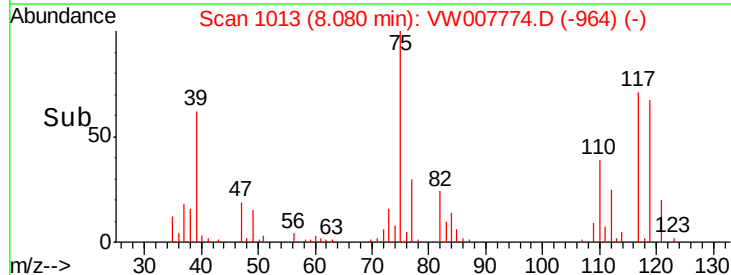
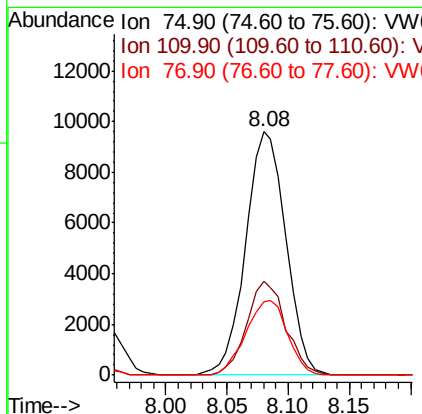
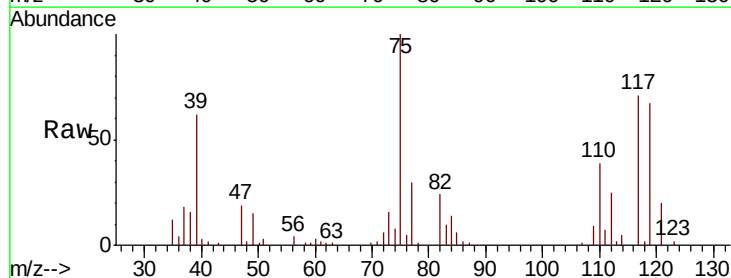
RT: 8.08 min Scan# 1013

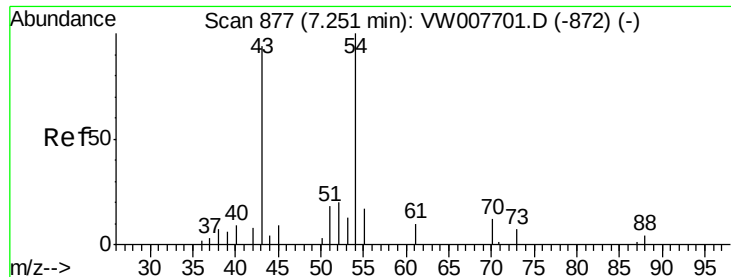
Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion:	75	Resp:	21978
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.6	55.8
77	31.7	25.0	37.4





#37

Ethyl Acetate

Concen: 23.262 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

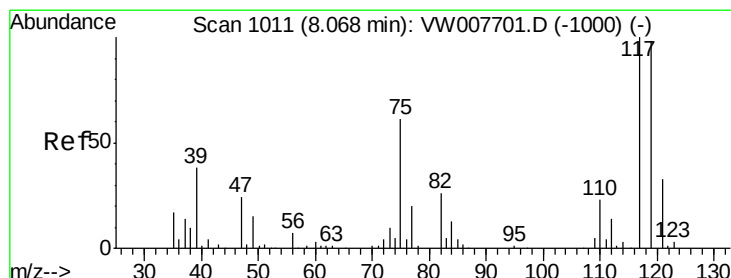
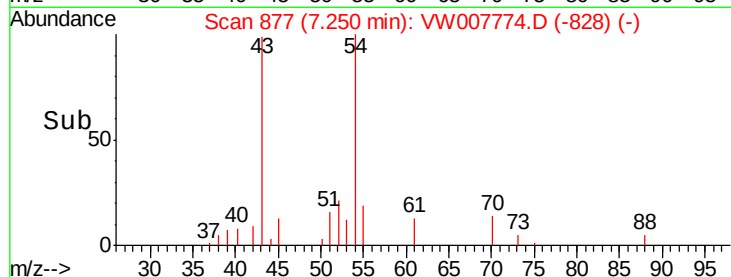
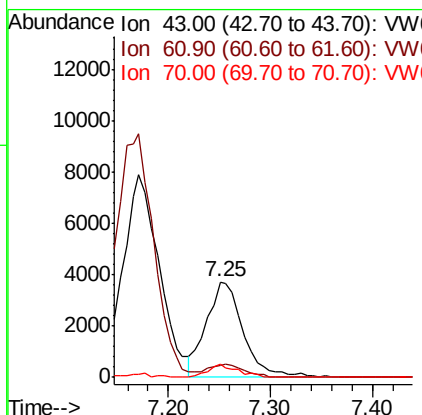
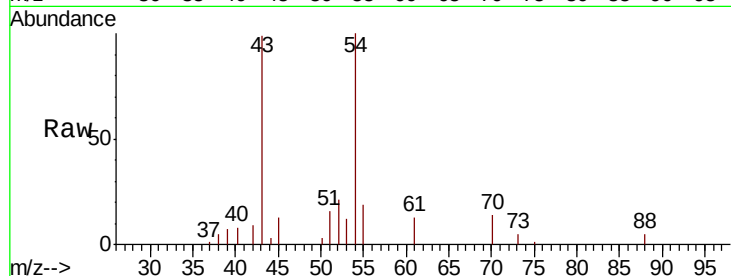
ClientSampleId :

VW1222SBS02

Tgt Ion:	43	Resp:	9425
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.2	16.8
70	10.6	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 16.307 ug/l

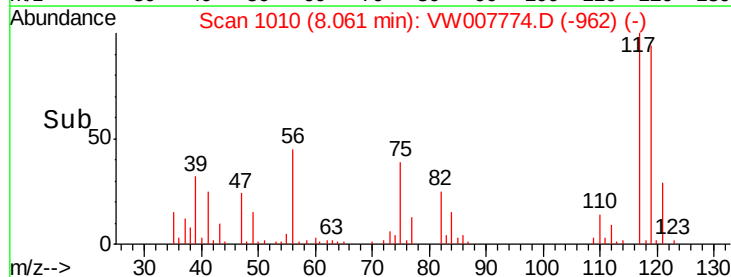
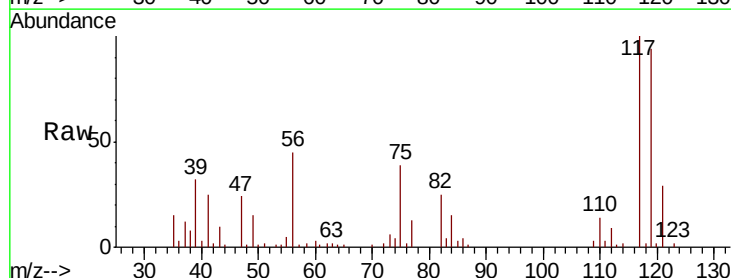
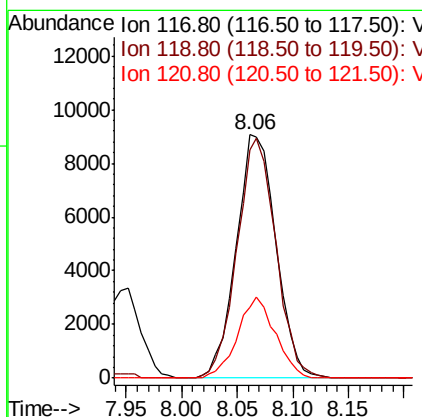
RT: 8.06 min Scan# 1010

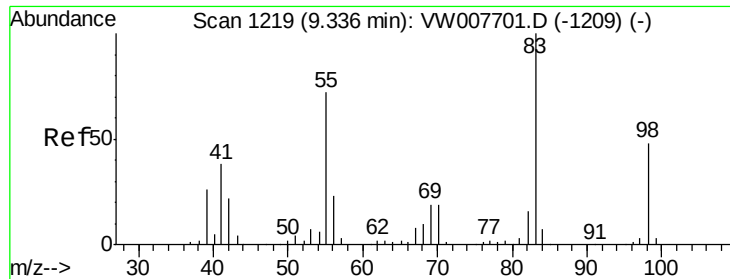
Delta R.T. -0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion:	117	Resp:	22546
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.2	117.2
121	29.1	26.1	39.1





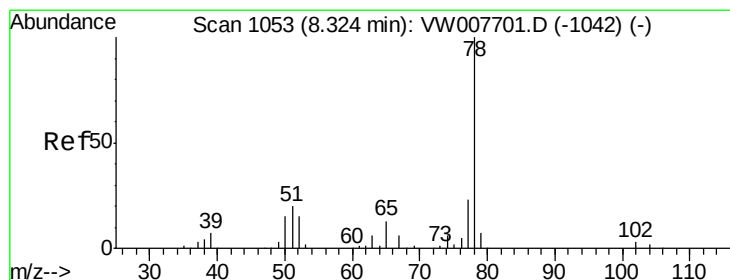
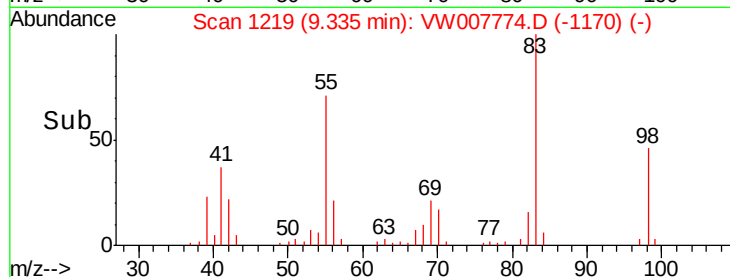
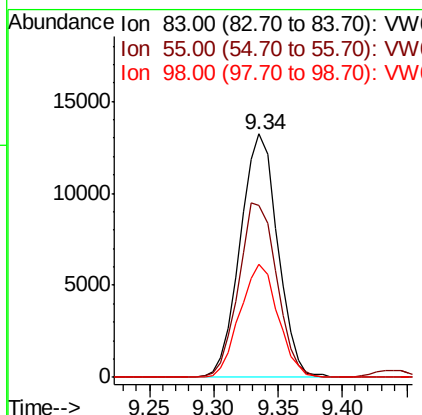
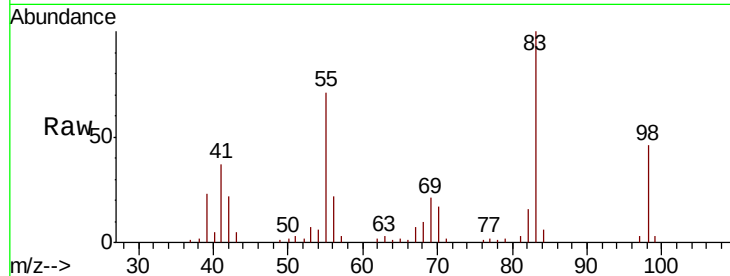
#39
Methylcyclohexane
Concen: 18.251 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.7	57.2	85.8
98	46.5	38.6	58.0

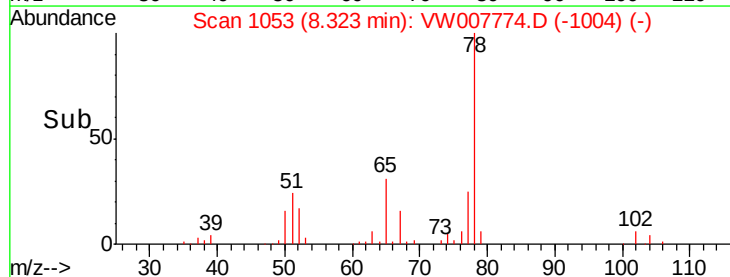
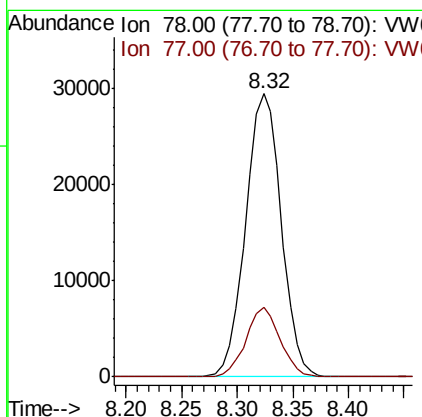
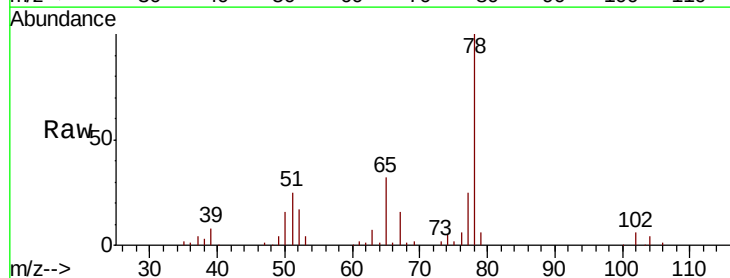
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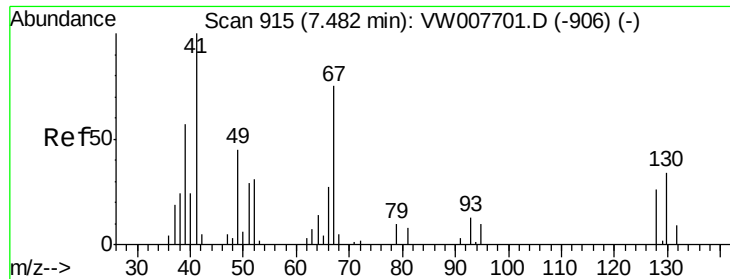
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#40
Benzene
Concen: 20.984 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.7	28.1





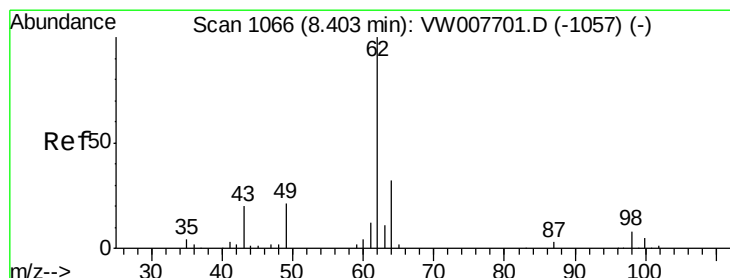
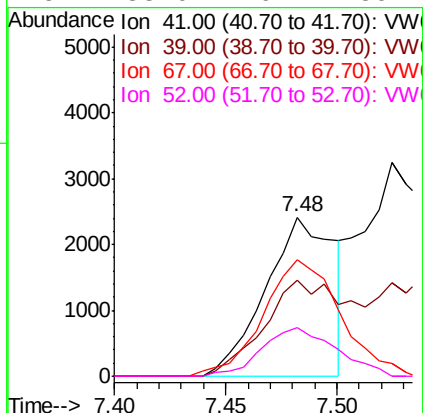
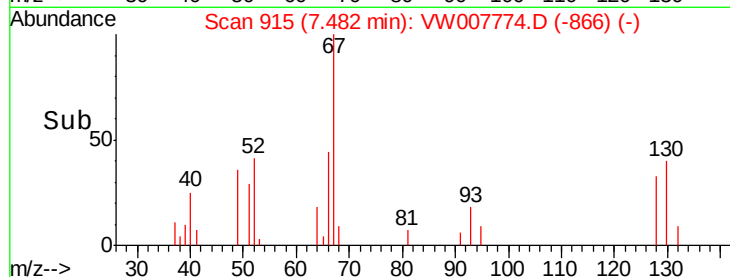
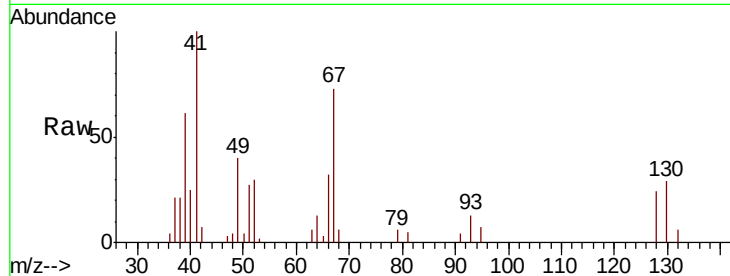
#41
Methacrylonitrile
Concen: 22.545 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.7	54.2	81.4
67	82.3	65.7	98.5
52	33.0	26.2	39.4

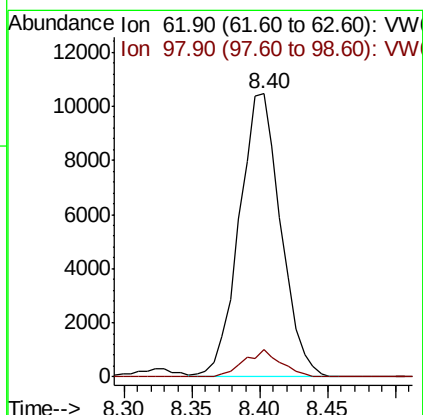
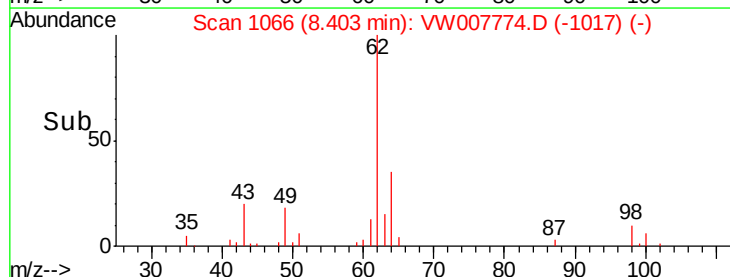
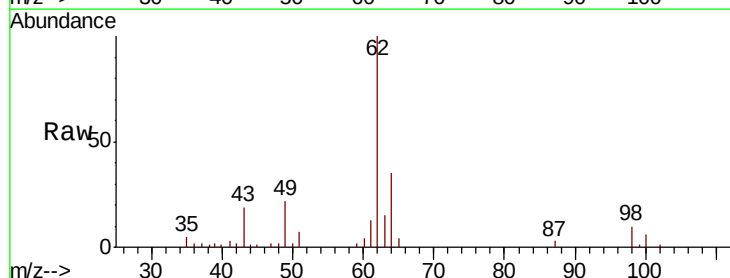
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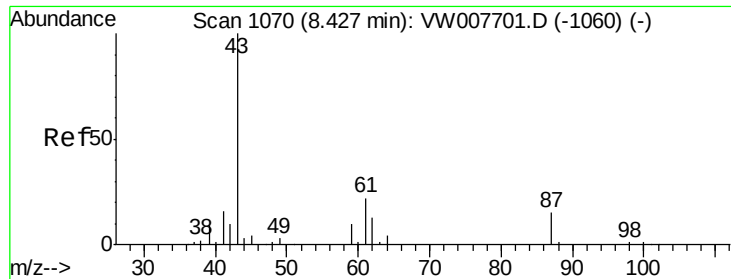
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#42
1,2-Dichloroethane
Concen: 21.242 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 23.082 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

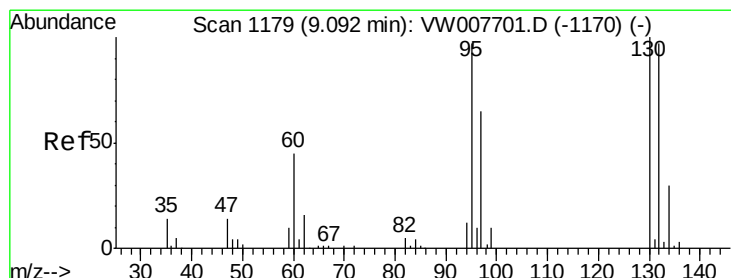
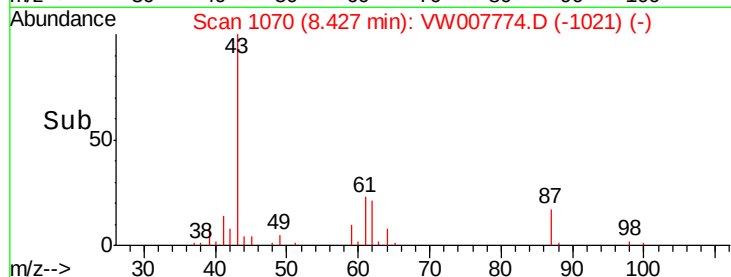
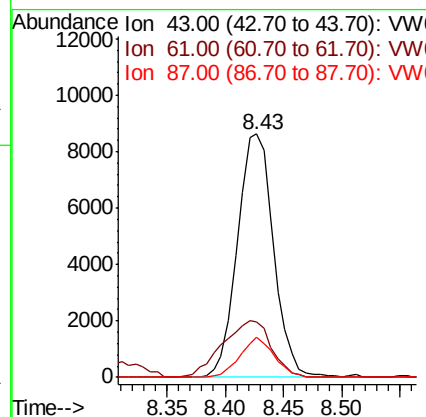
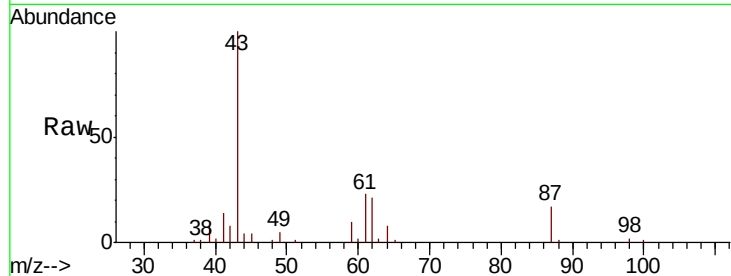
ClientSampleId :

VW1222SBS02

Tgt Ion:	43	Resp:	18736
Ion	Ratio	Lower	Upper
43	100		
61	31.1	26.3	39.5
87	15.5	12.0	18.0

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#44

Trichloroethene

Concen: 19.636 ug/l

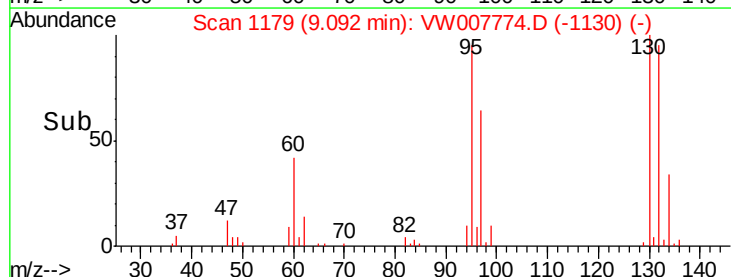
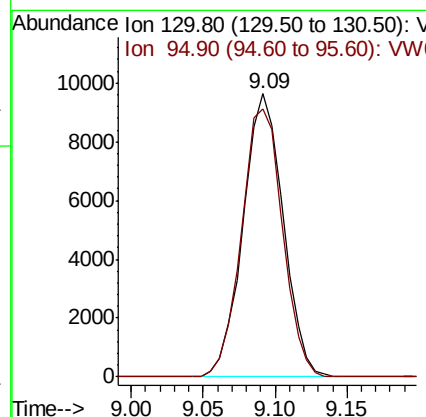
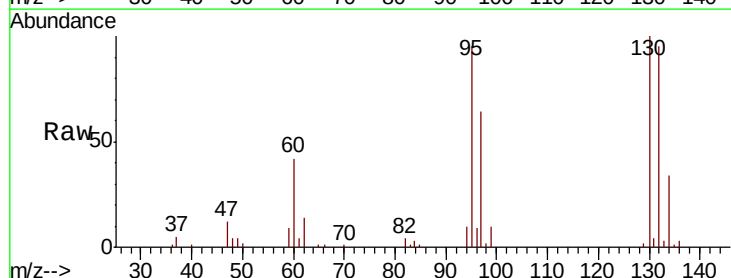
RT: 9.09 min Scan# 1179

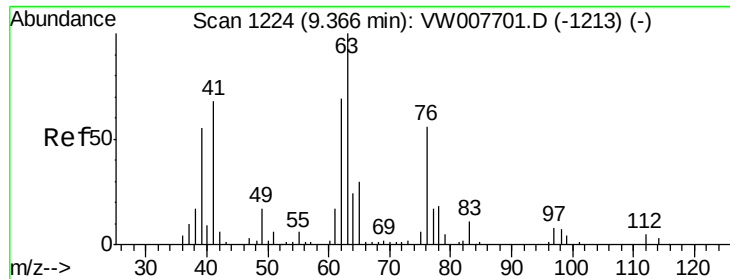
Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion:	130	Resp:	18603
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	194.8





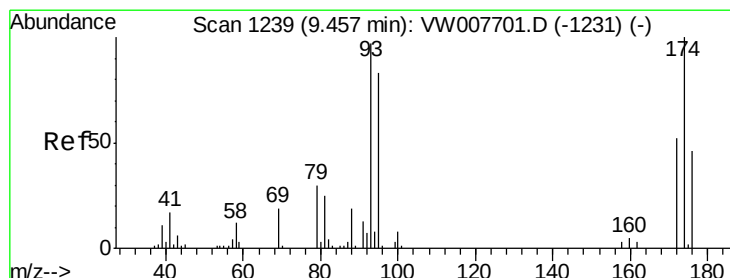
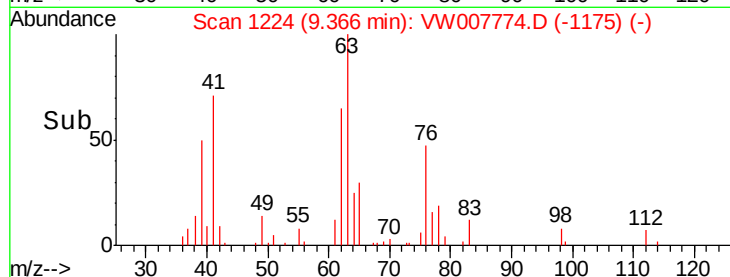
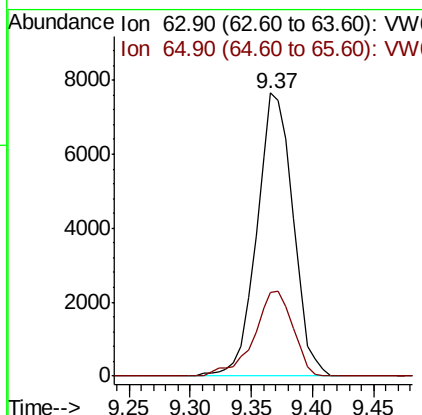
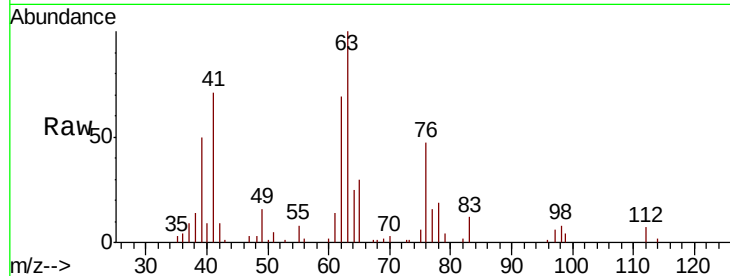
#45
 1,2-Dichloropropane
 Concen: 22.630 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 63 Resp: 15731
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.8

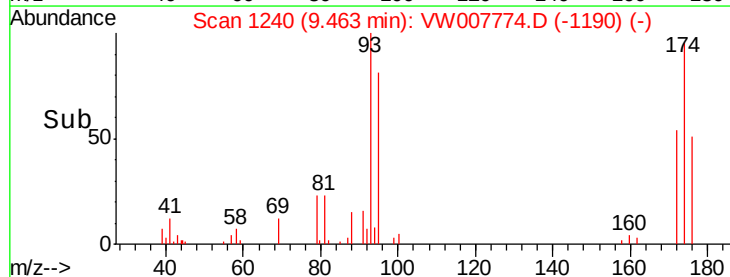
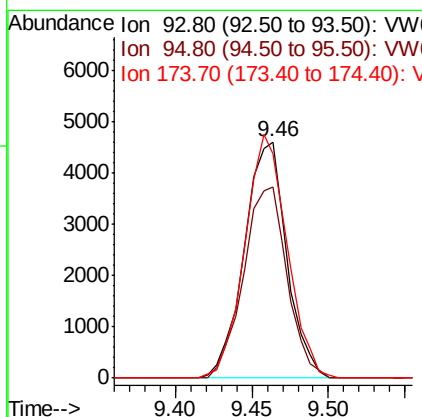
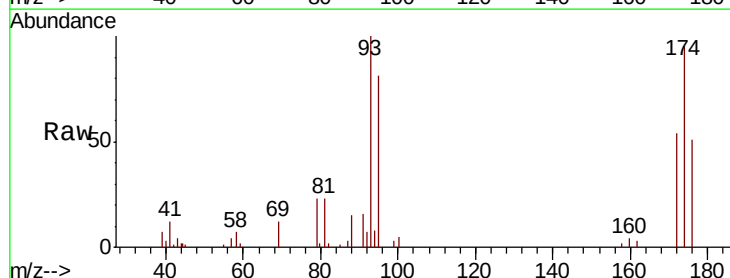
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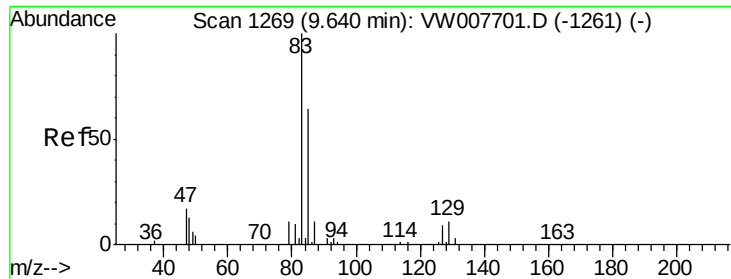
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#46
 Dibromomethane
 Concen: 20.783 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 93 Resp: 8893
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.5 101.3
 174 102.6 83.9 125.9





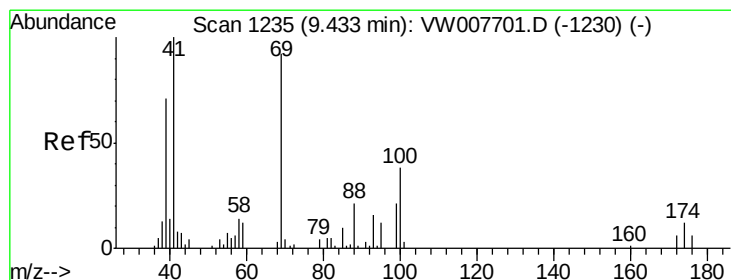
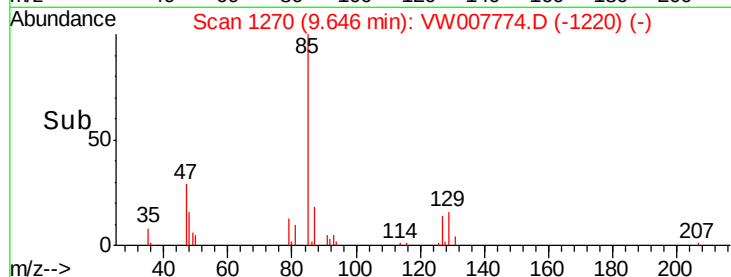
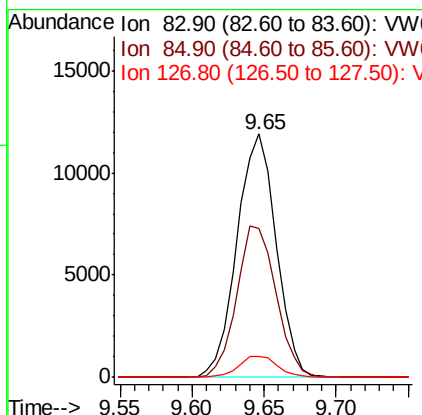
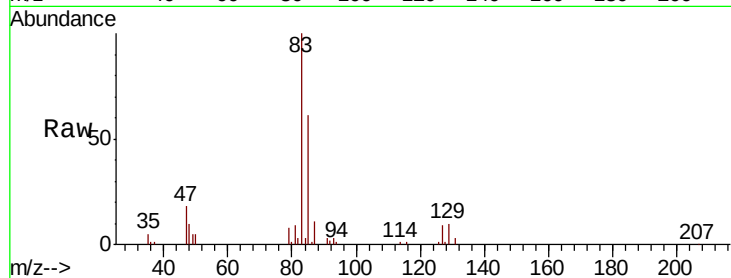
#47
 Bromodichloromethane
 Concen: 19.968 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.4	77.0
127	8.7	7.5	11.3

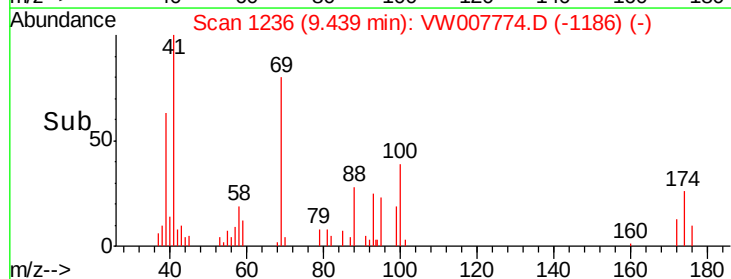
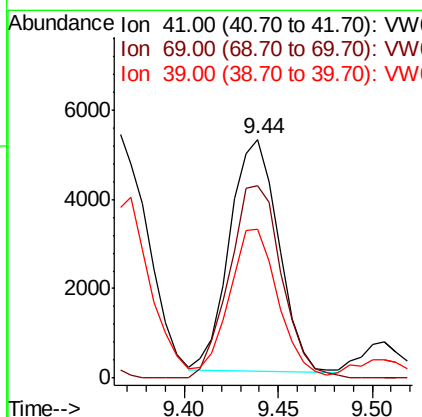
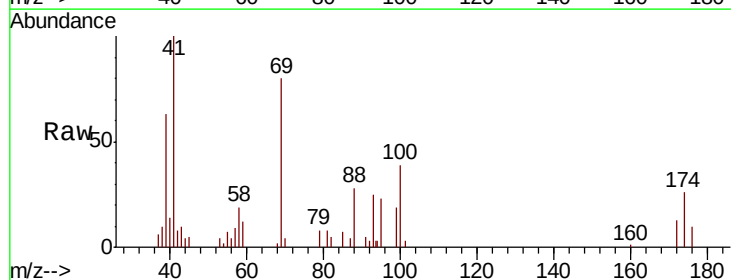
Manual Integrations
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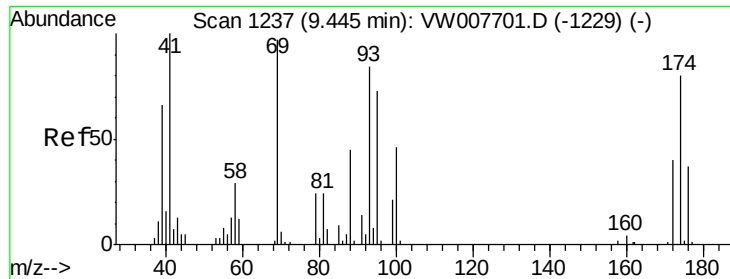
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#48
 Methyl methacrylate
 Concen: 23.062 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.0	74.2	111.2
39	64.6	53.9	80.9





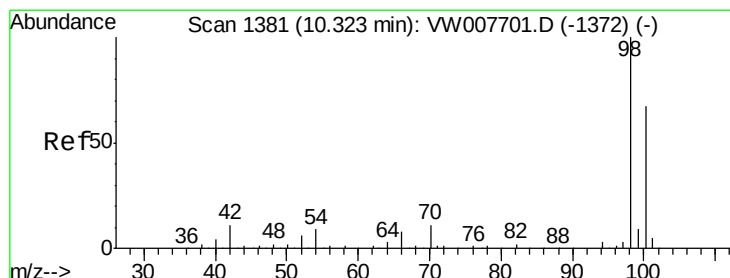
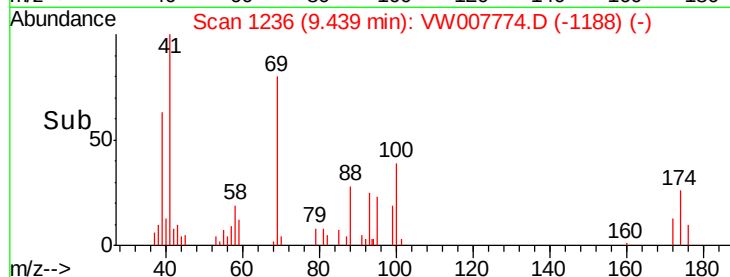
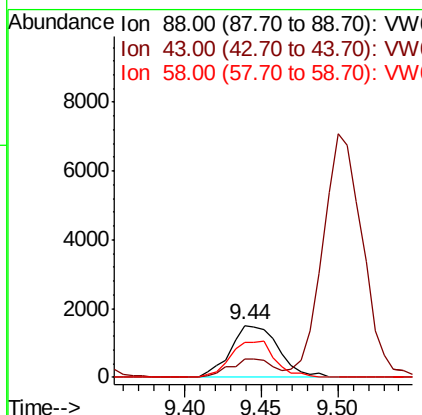
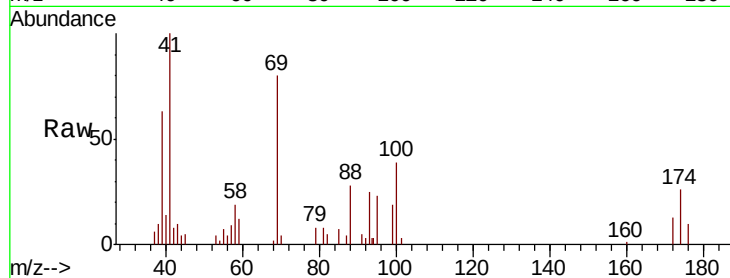
#49
 1,4-Dioxane
 Concen: 488.930 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.6	38.4
58	63.3	52.3	78.5

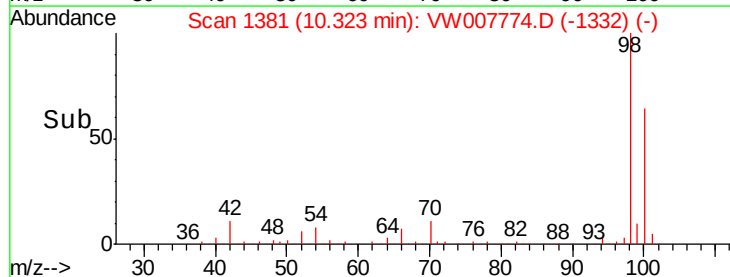
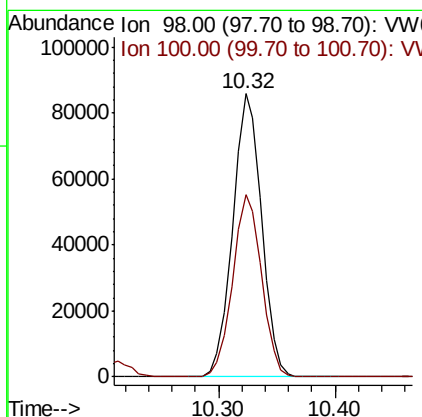
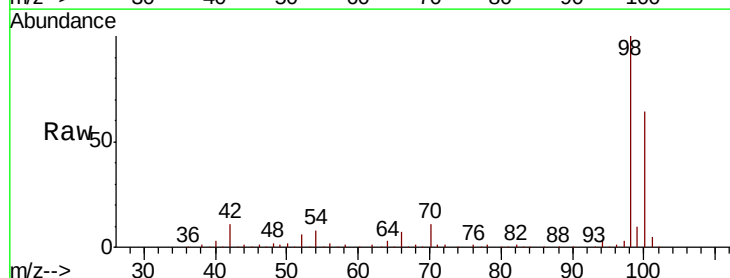
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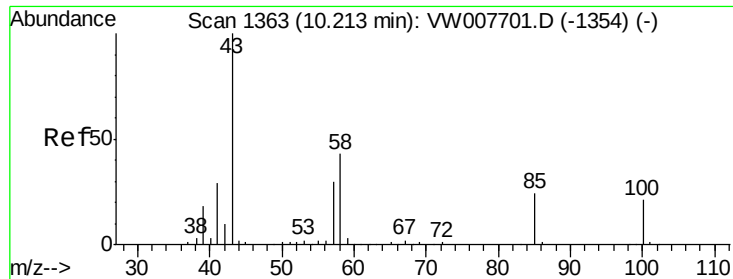
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#50
 Toluene-d8
 Concen: 52.855 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





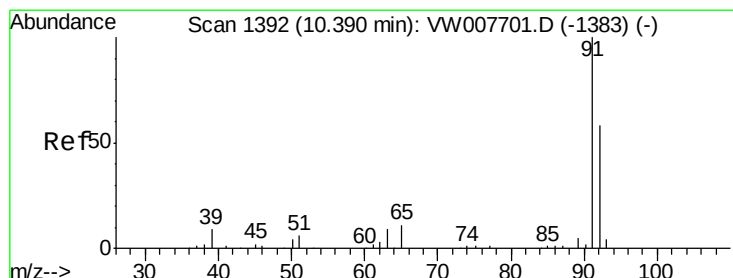
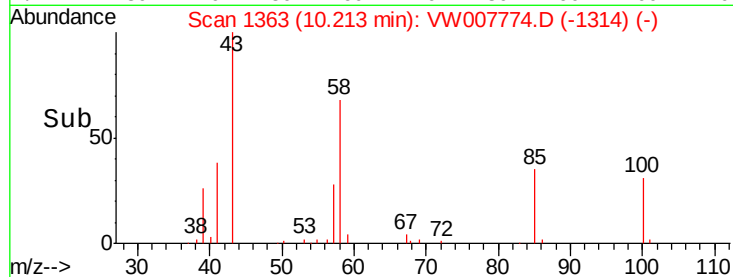
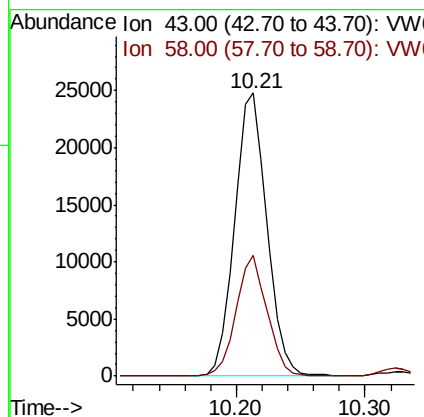
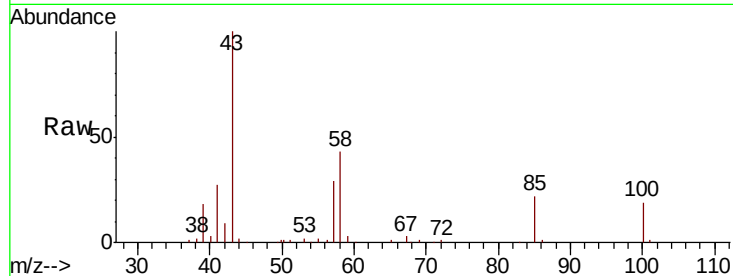
#51
4-Methyl-2-Pentanone
Concen: 112.318 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 43 Resp: 43087
Ion Ratio Lower Upper
43 100
58 40.9 33.2 49.8

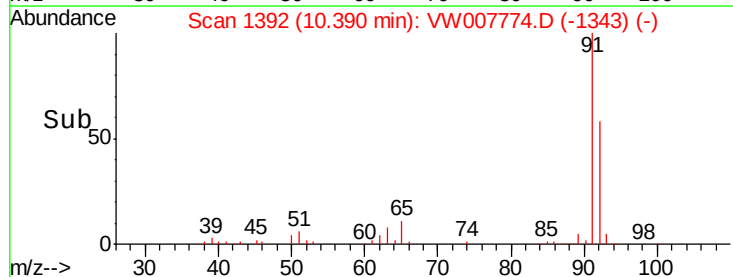
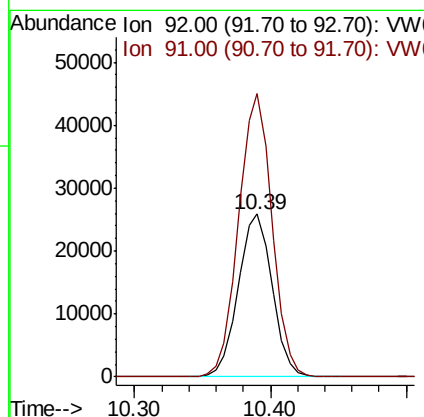
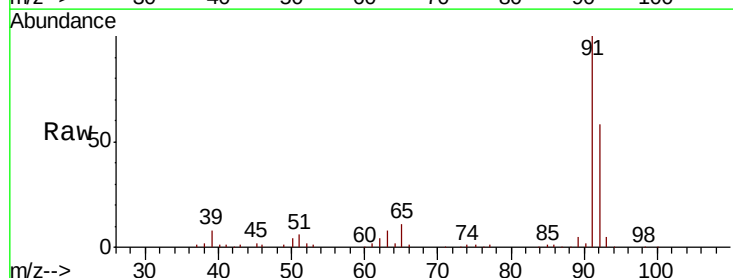
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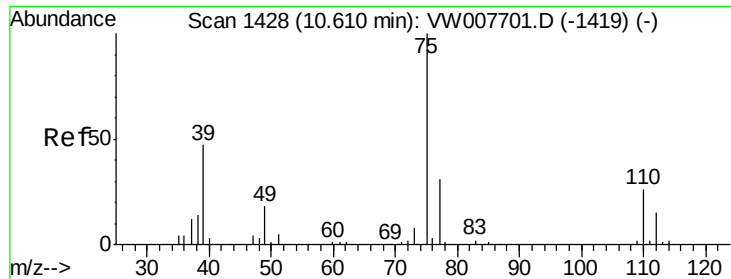
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#52
Toluene
Concen: 21.384 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 92 Resp: 44946
Ion Ratio Lower Upper
92 100
91 171.5 137.0 205.4





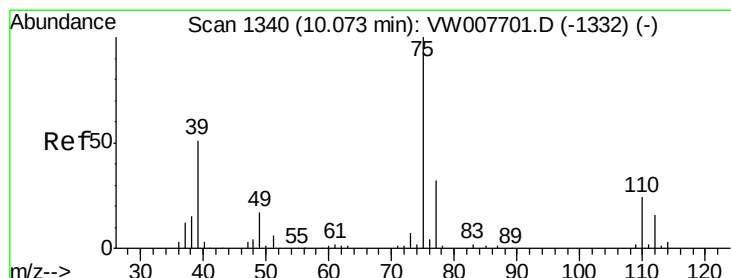
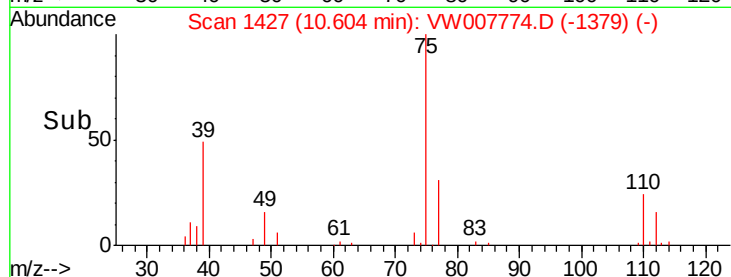
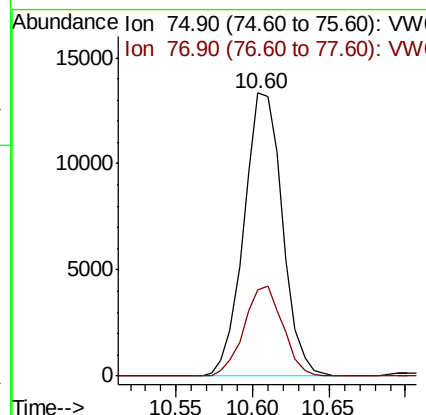
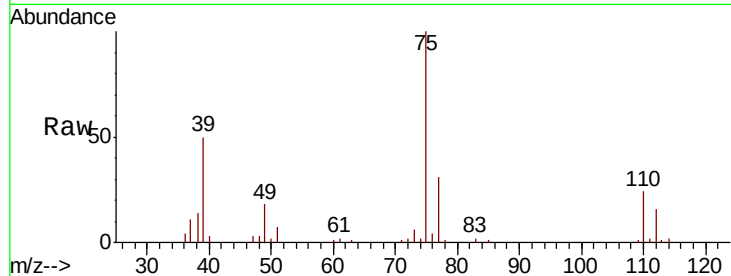
#53
 t-1,3-Dichloropropene
 Concen: 20.835 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 75 Resp: 23313
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8

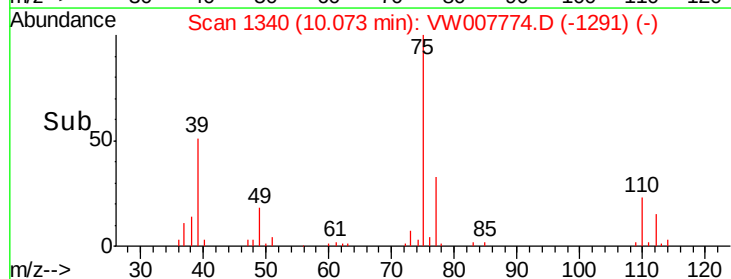
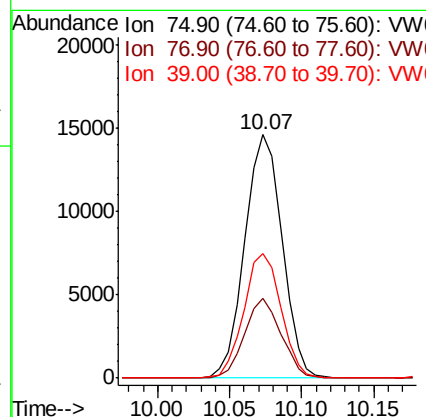
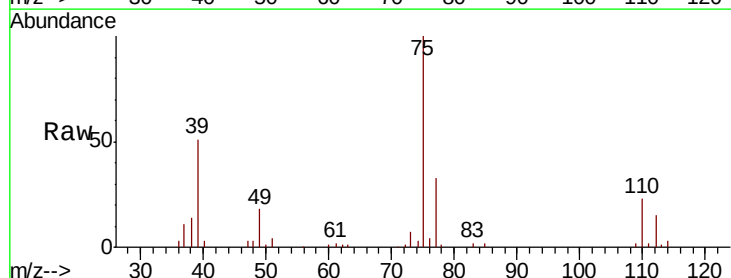
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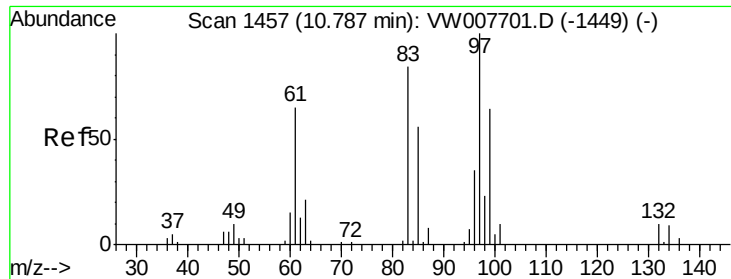
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#54
 cis-1,3-Dichloropropene
 Concen: 21.251 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 75 Resp: 26265
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3
 39 51.3 41.2 61.8





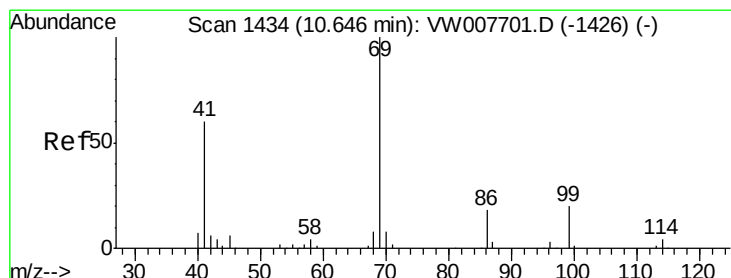
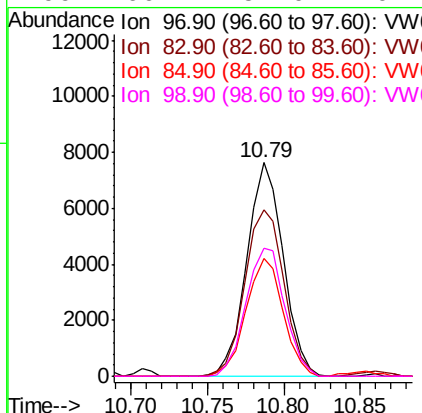
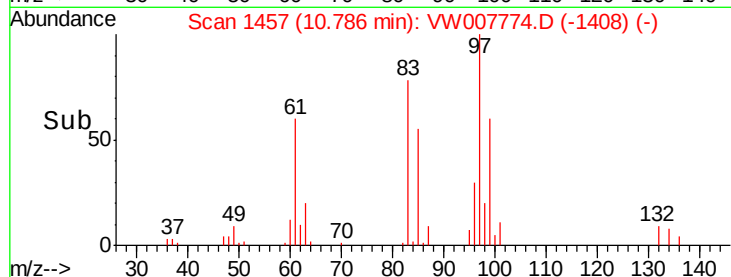
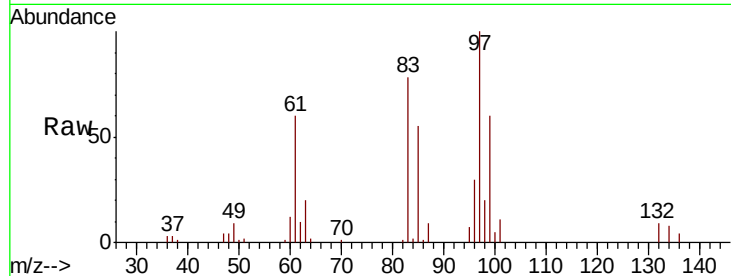
#55
 1,1,2-Trichloroethane
 Concen: 21.456 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.1	67.5	101.3
85	55.3	44.8	67.2
99	60.2	51.0	76.4

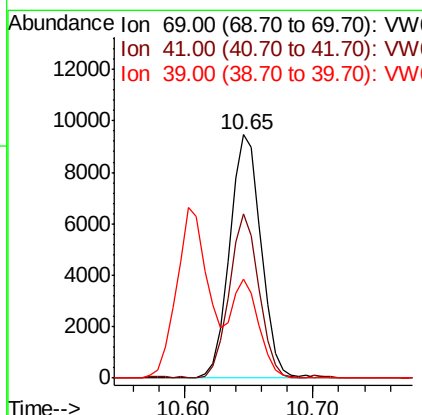
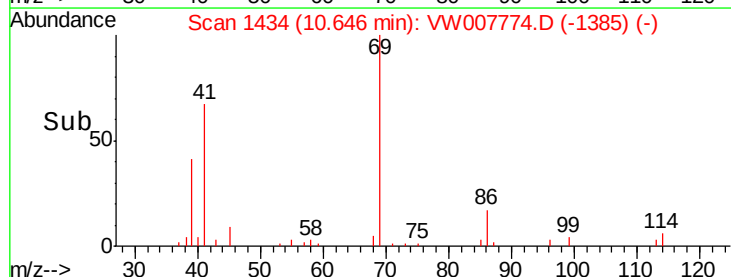
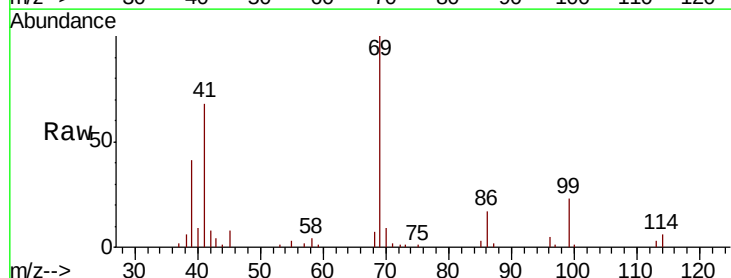
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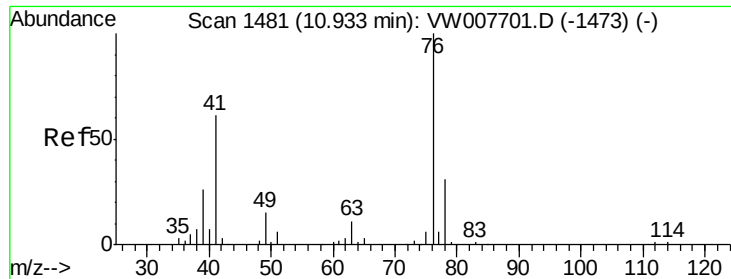
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#56
 Ethyl methacrylate
 Concen: 22.971 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	48.9	73.3
39	36.7	31.3	46.9





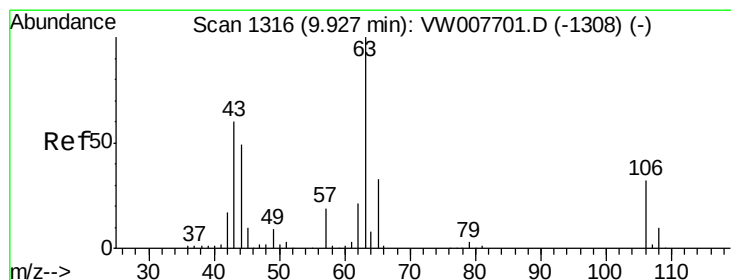
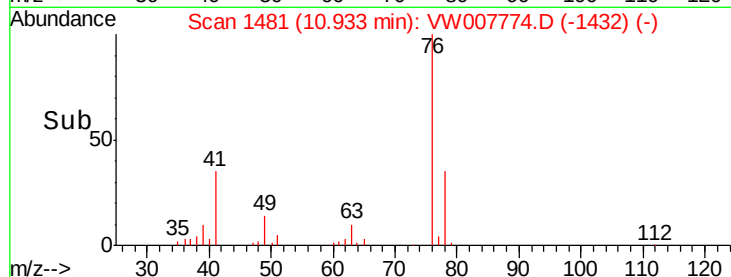
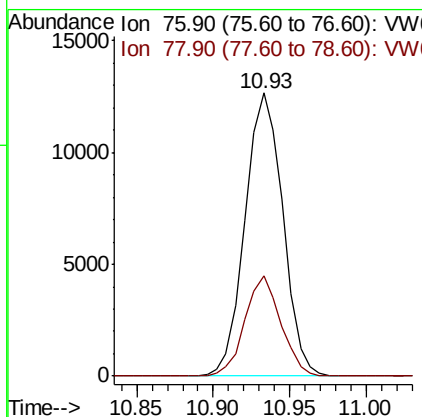
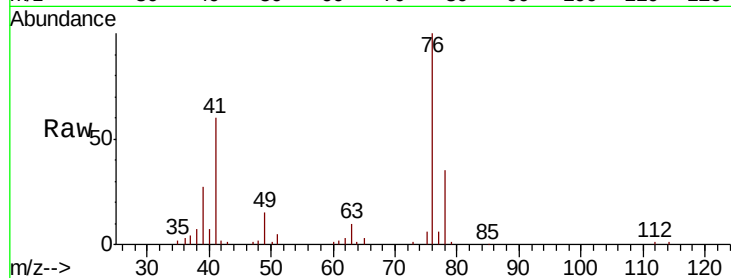
#57
 1,3-Dichloropropane
 Concen: 22.207 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 76 Resp: 21753
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.2 39.2

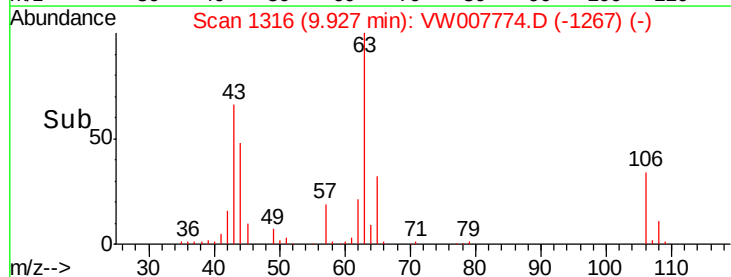
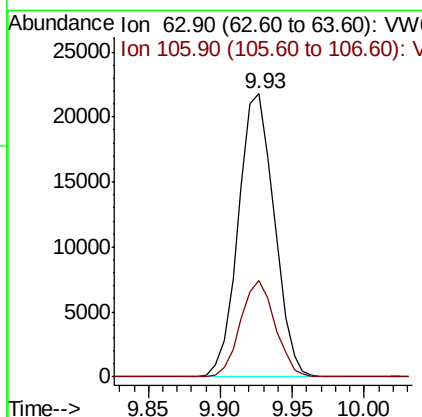
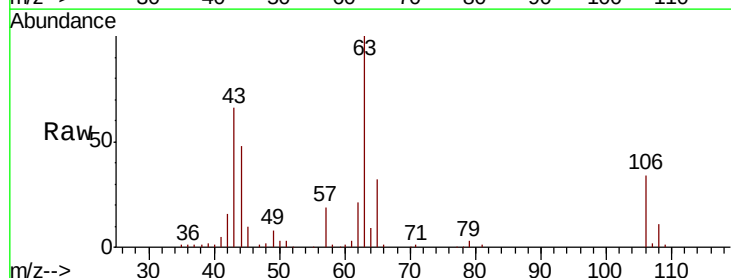
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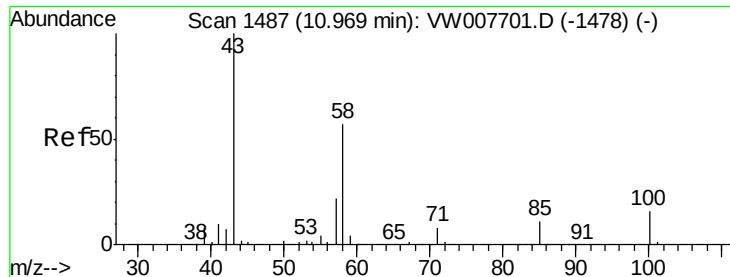
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#58
 2-Chloroethyl Vinyl ether
 Concen: 118.475 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 63 Resp: 37701
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.9 38.9





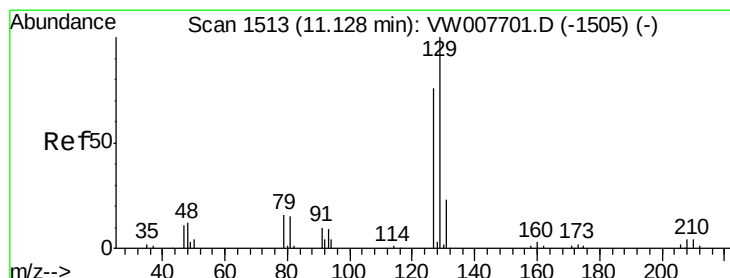
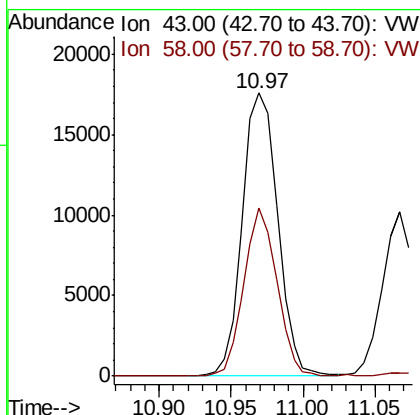
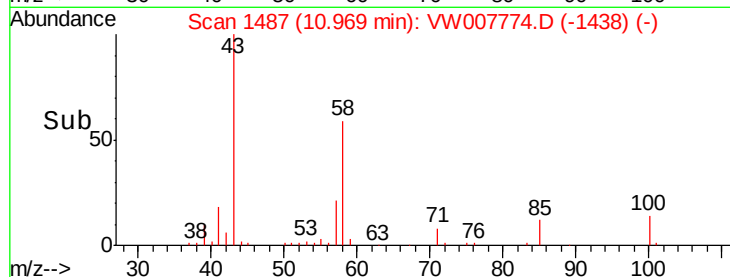
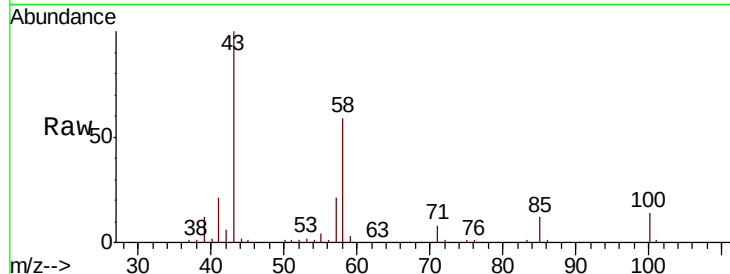
#59
2-Hexanone
Concen: 111.263 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 43 Resp: 30017
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

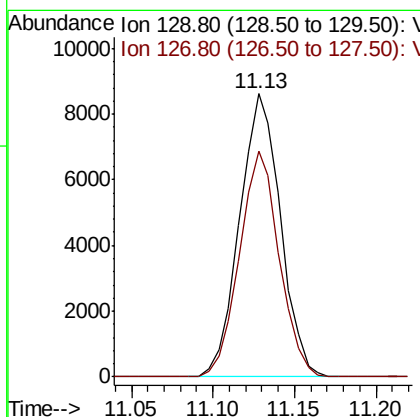
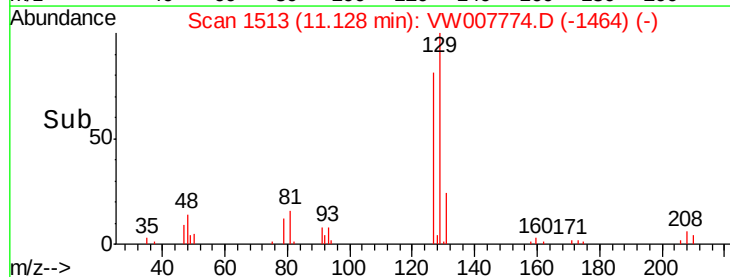
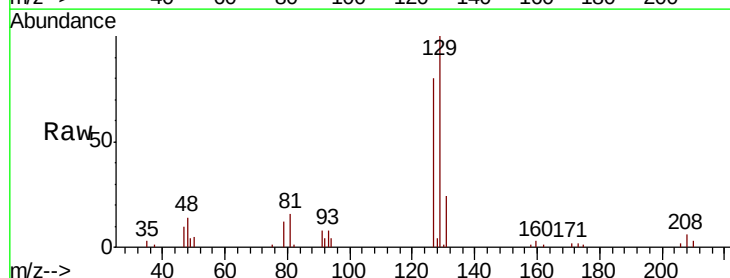
Manual Integrations
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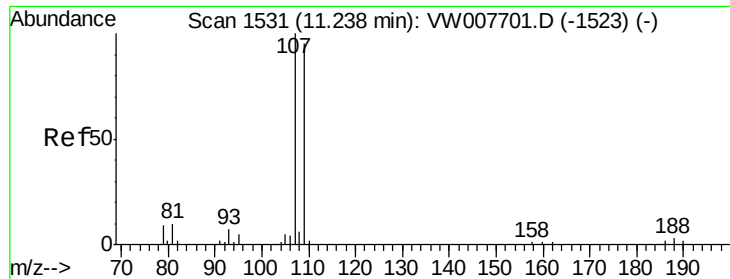
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#60
Dibromochloromethane
Concen: 19.236 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 129 Resp: 15025
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.568 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 107 Resp: 12884

Ion Ratio Lower Upper

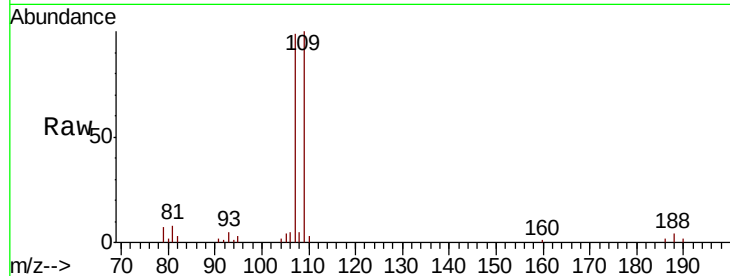
107 100

109 93.9 75.4 113.0

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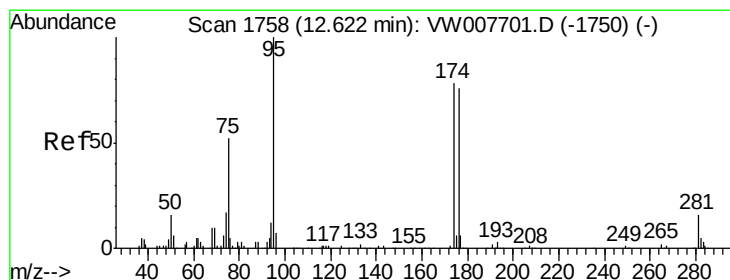
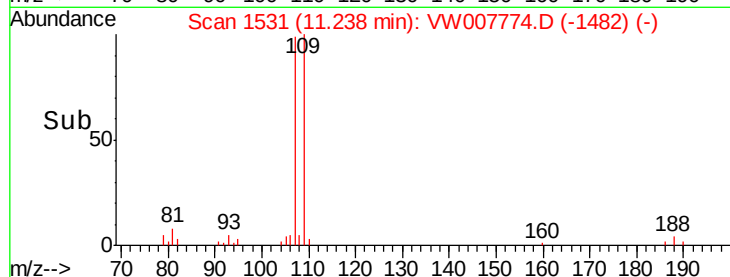
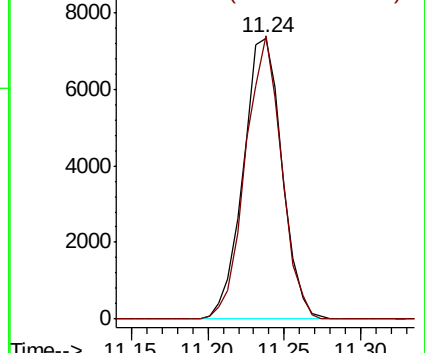
apatel

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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: 53.798 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

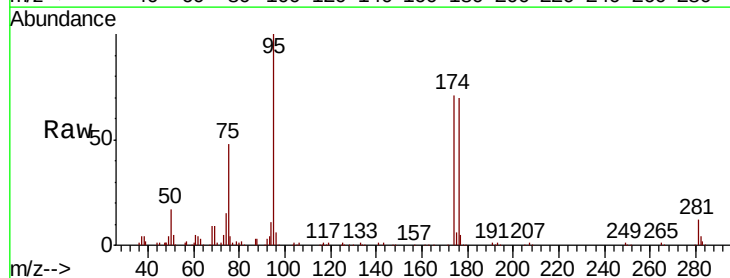
Tgt Ion: 95 Resp: 58138

Ion Ratio Lower Upper

95 100

174 75.3 0.0 152.2

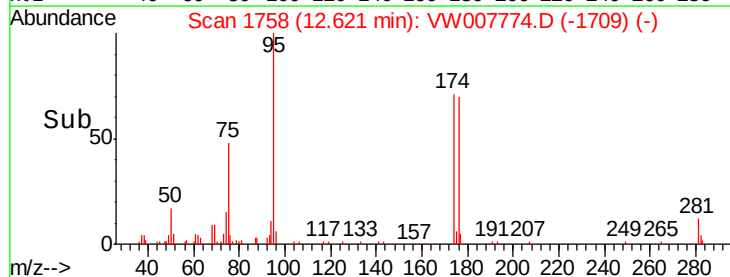
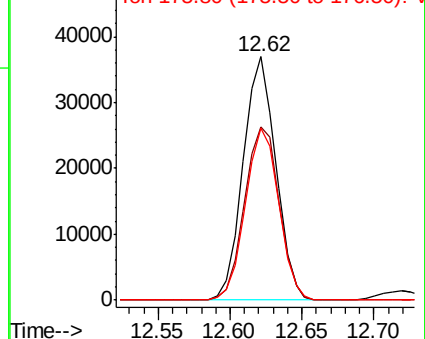
176 72.0 0.0 146.8

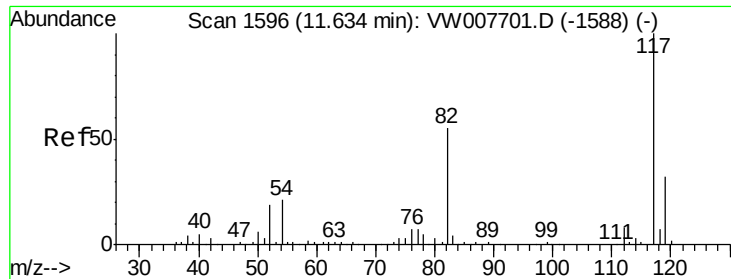


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





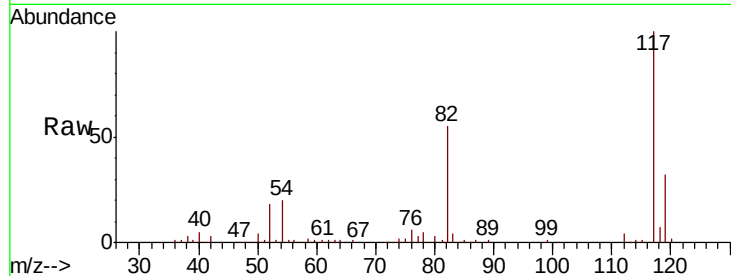
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110391		
82	54.6	44.3	66.5	
119	32.3	25.7	38.5	

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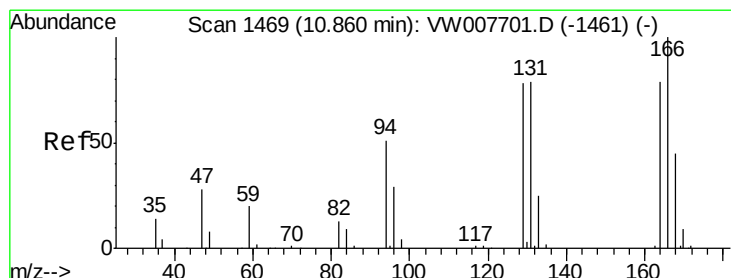
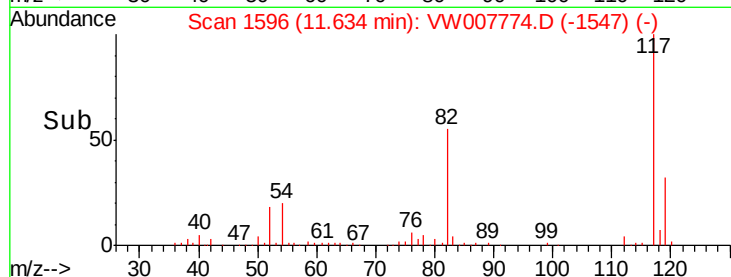
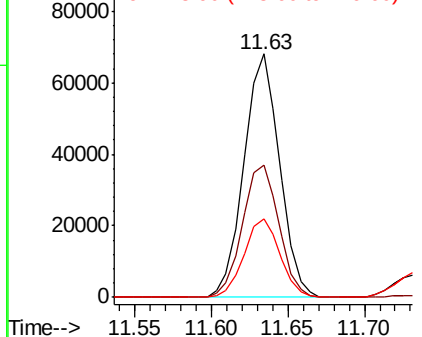


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	16156		
166	128.6	101.0	151.6	
129	105.4	78.7	118.1	
131	100.7	79.4	119.0	

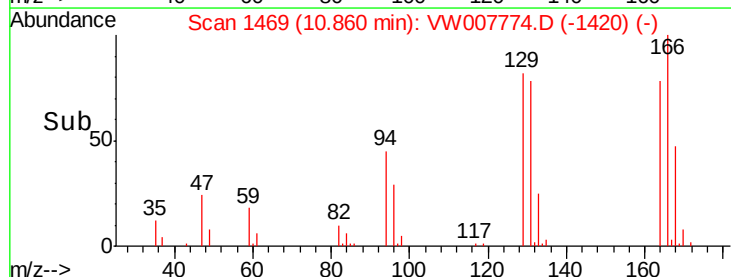
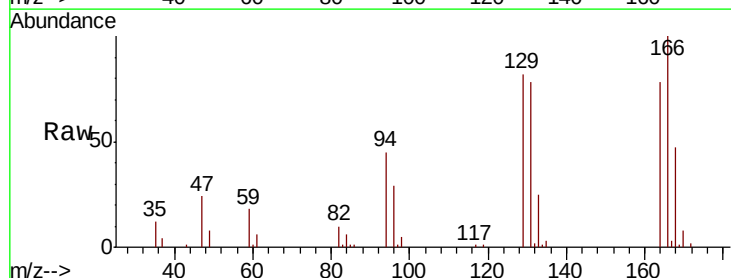
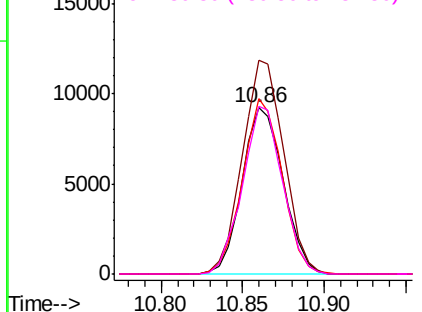
Abundance

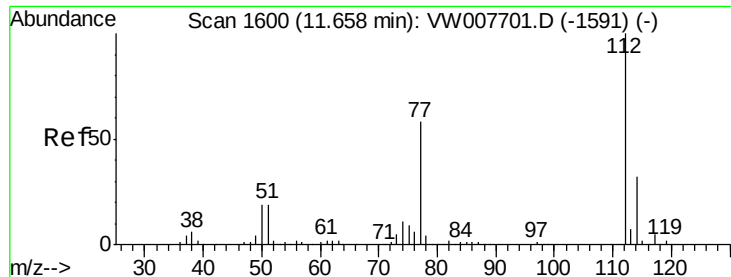
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





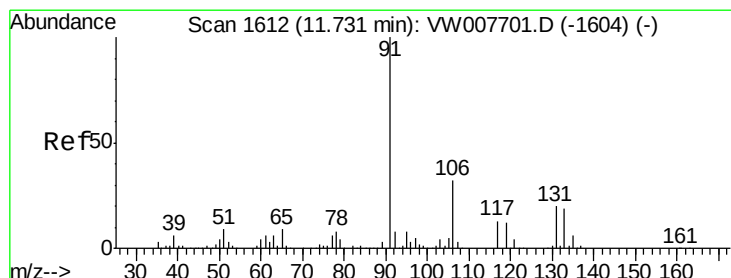
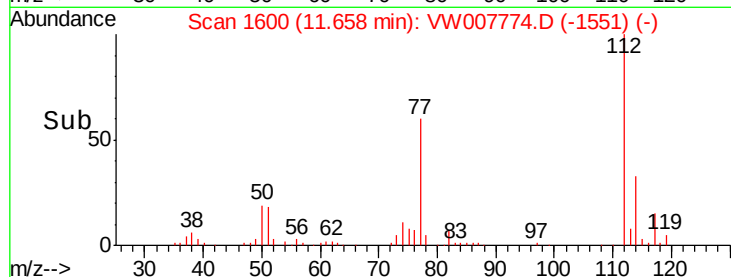
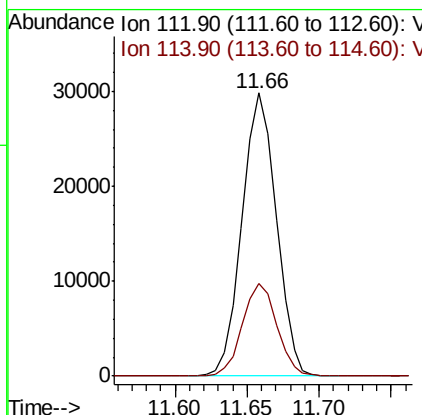
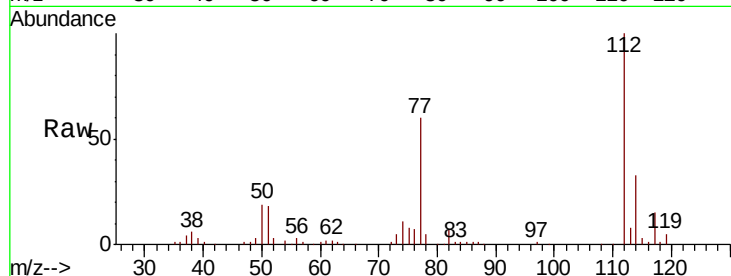
#65
Chlorobenzene
Concen: 20.646 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion:112 Resp: 49330
Ion Ratio Lower Upper
112 100
114 32.9 25.2 37.8

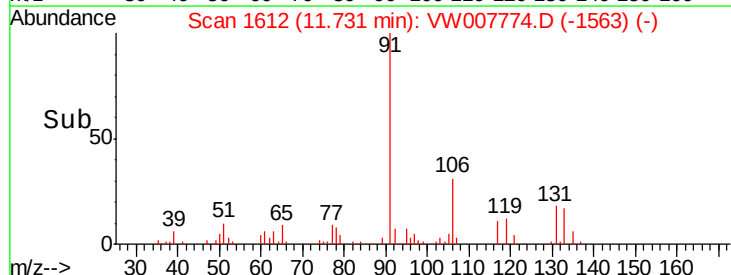
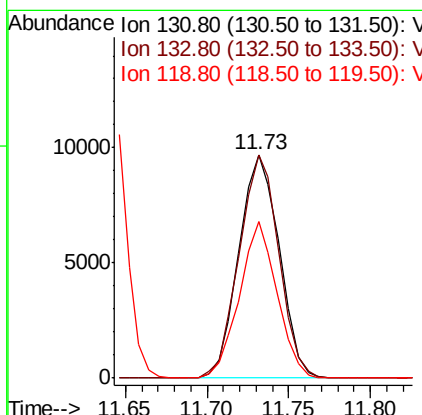
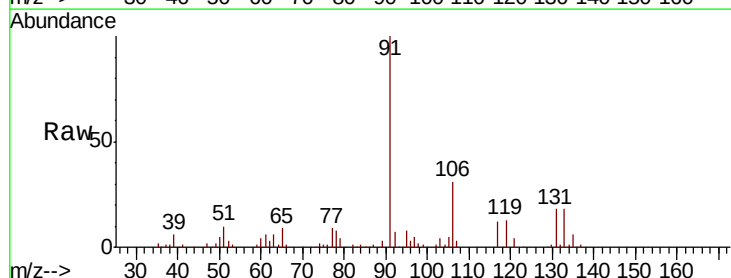
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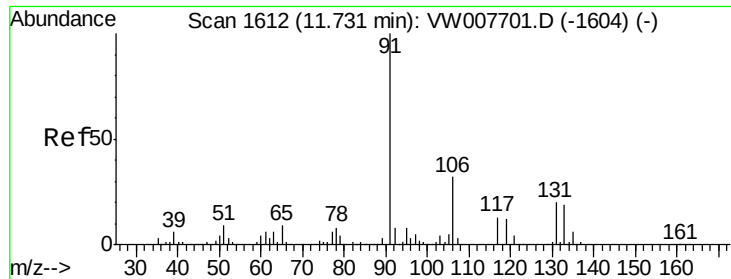
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.533 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion:131 Resp: 16676
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 65.4 30.2 90.6





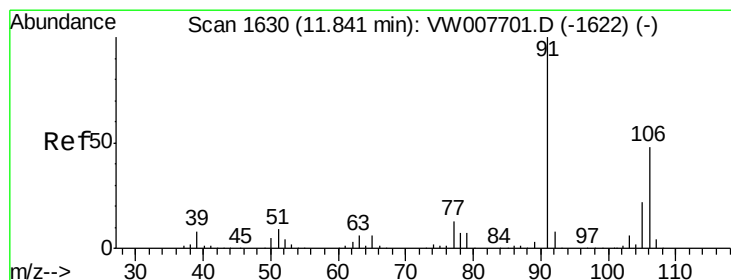
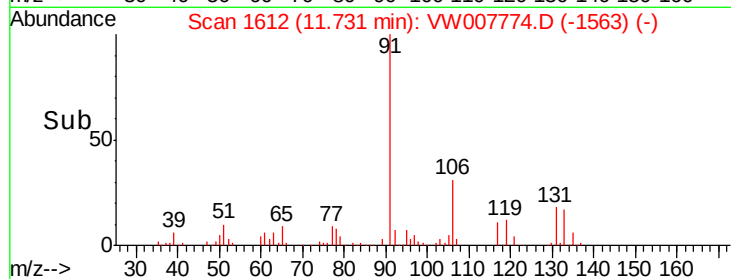
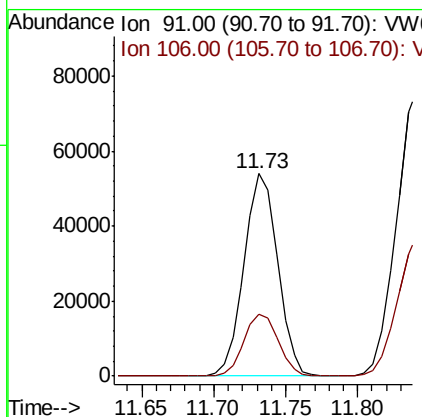
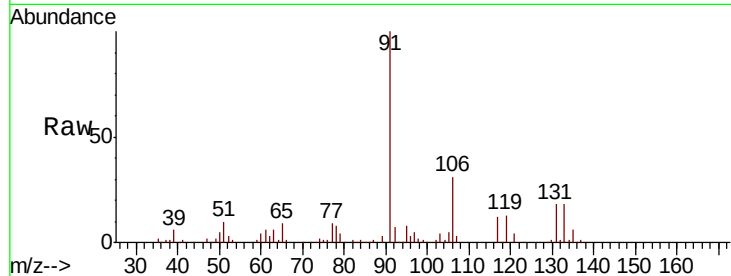
#67
Ethyl Benzene
Concen: 21.314 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion: 91 Resp: 87389
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8

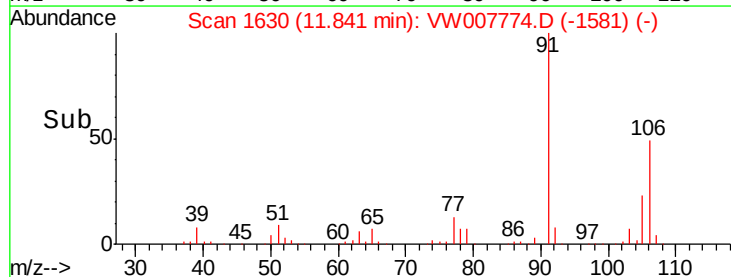
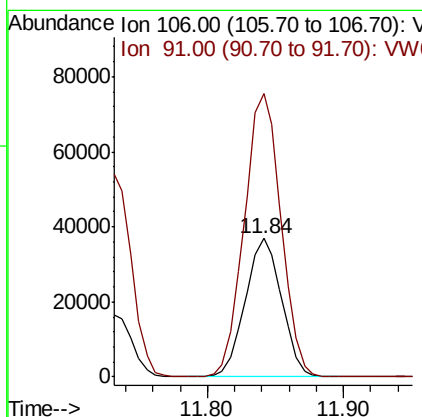
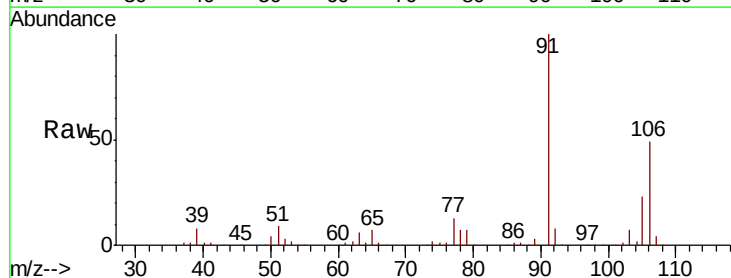
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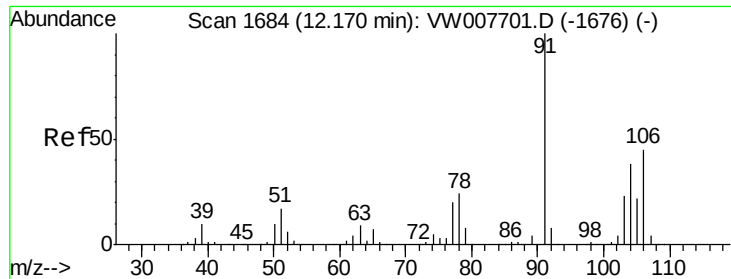
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#68
m/p-Xylenes
Concen: 43.421 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion: 106 Resp: 69060
Ion Ratio Lower Upper
106 100
91 206.8 165.2 247.8





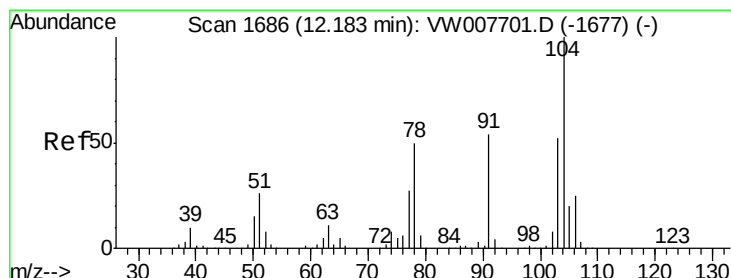
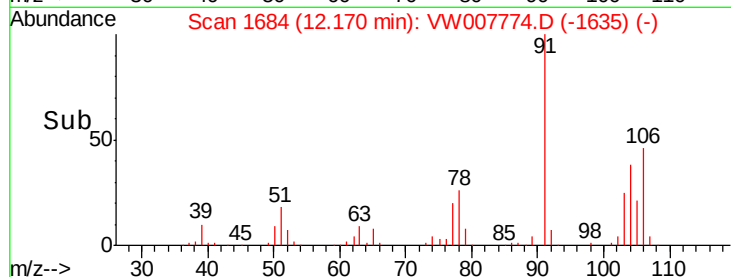
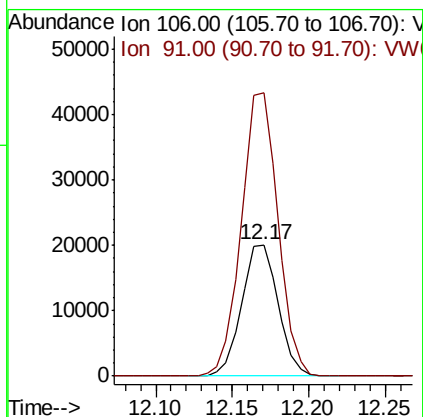
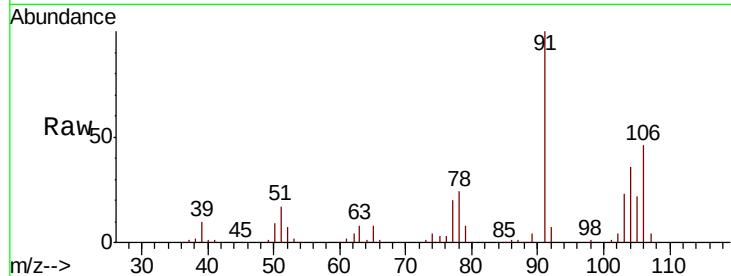
#69
o-Xylene
Concen: 22.320 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion:106 Resp: 33276
Ion Ratio Lower Upper
106 100
91 216.7 110.5 331.4

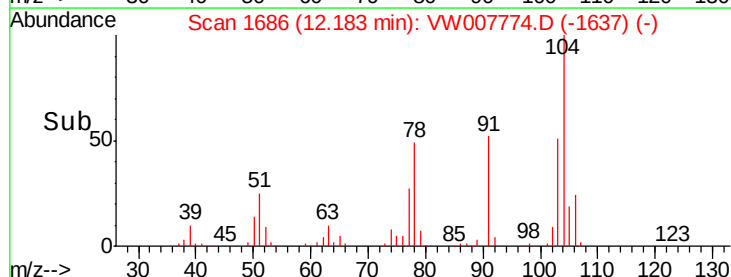
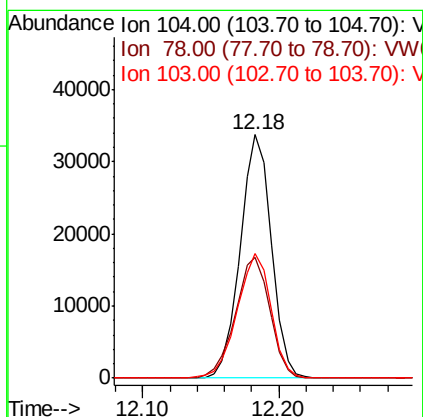
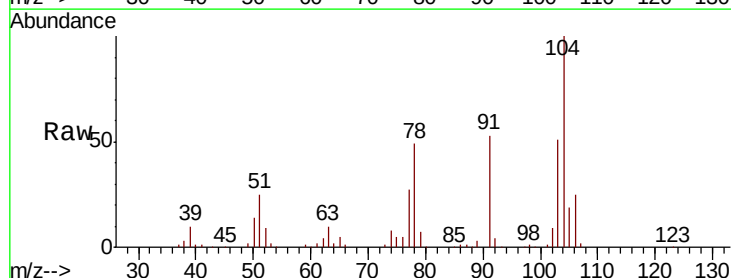
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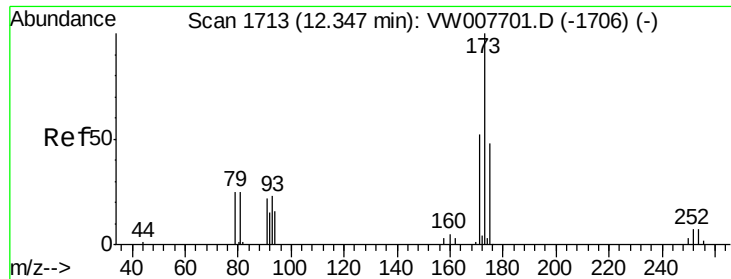
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#70
Styrene
Concen: 22.021 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion:104 Resp: 53966
Ion Ratio Lower Upper
104 100
78 54.8 43.4 65.0
103 55.5 44.5 66.7





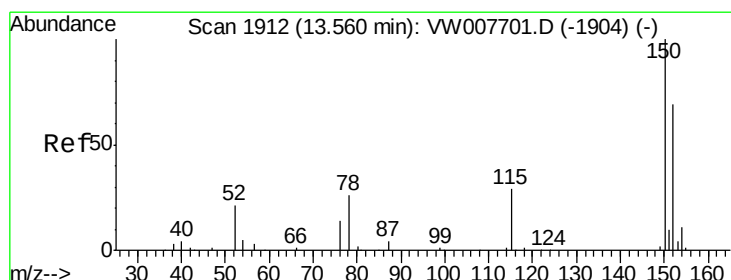
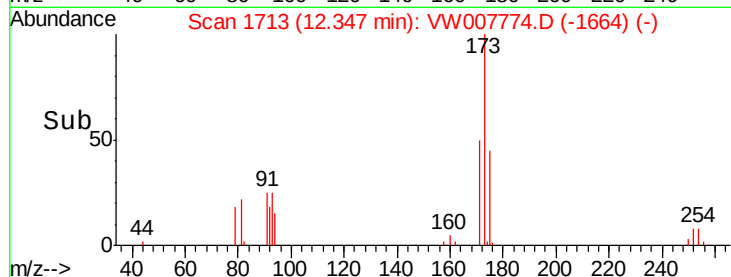
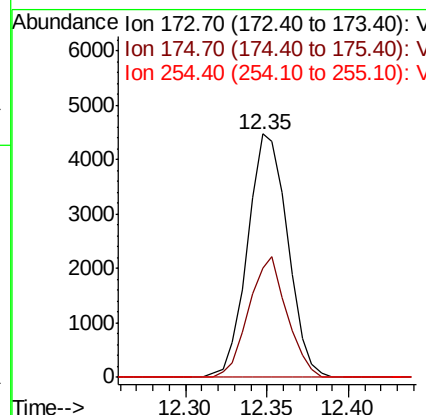
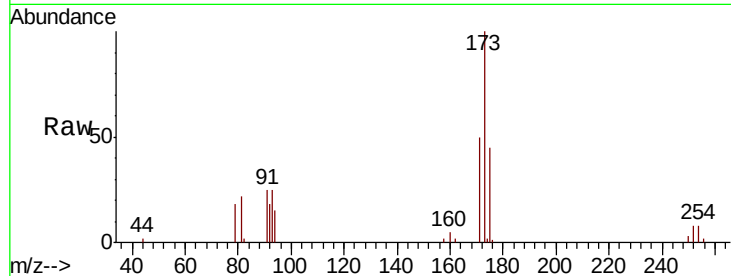
#71
Bromoform
Concen: 17.234 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.9	71.7
254	0.0	0.0	0.0

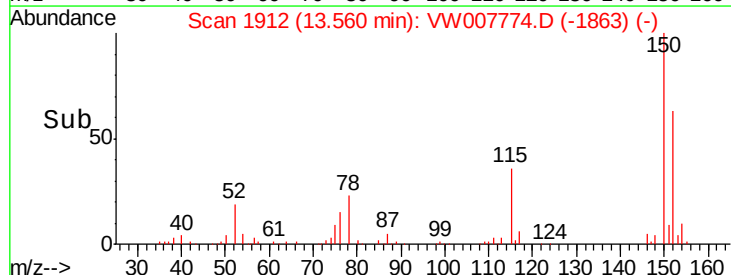
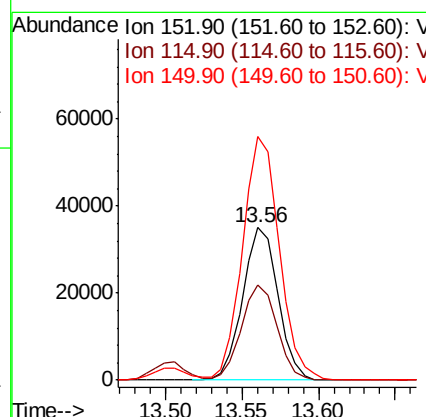
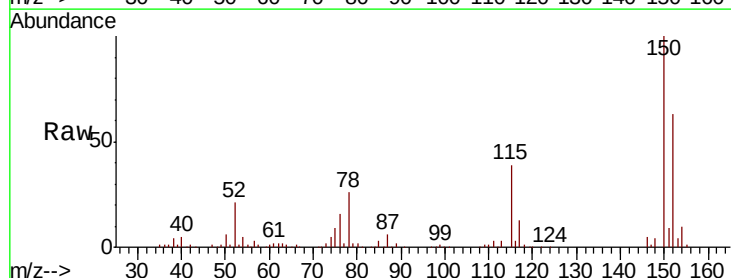
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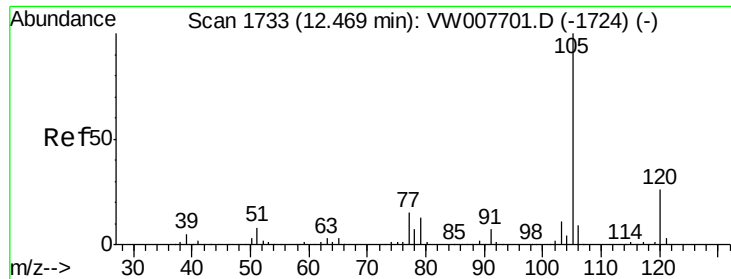
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.8	95.4
150	166.4	0.0	350.8





#73

Isopropylbenzene

Concen: 20.971 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS02

Tgt Ion: 105 Resp: 88992

Ion Ratio Lower Upper

105 100

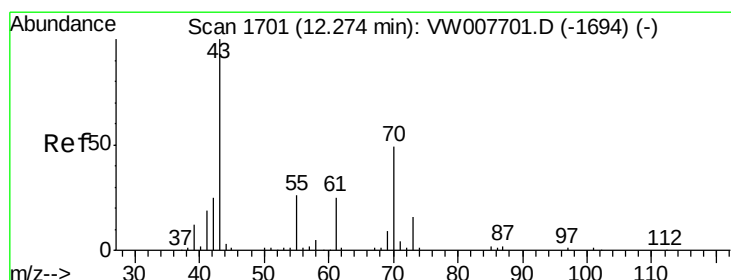
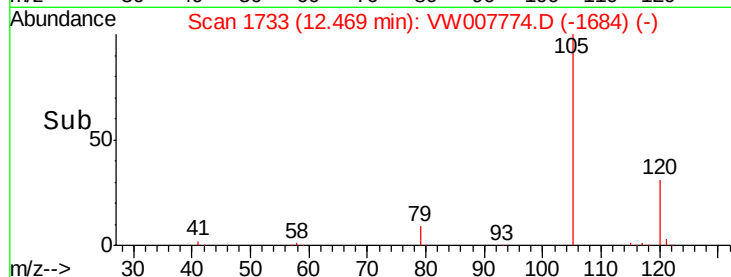
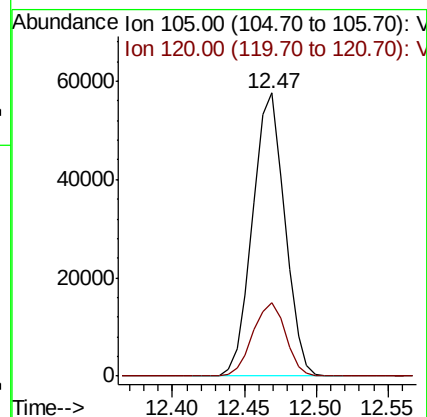
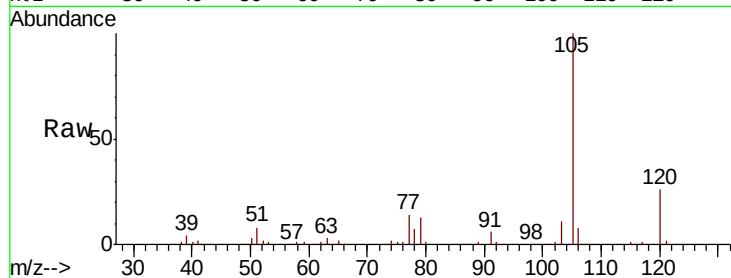
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 23.874 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion: 43 Resp: 17549

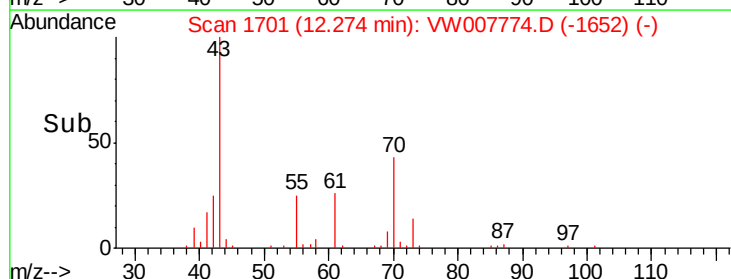
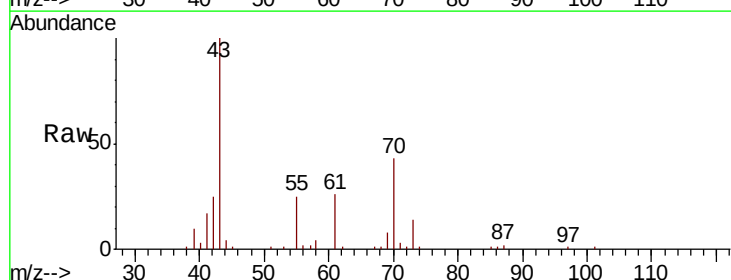
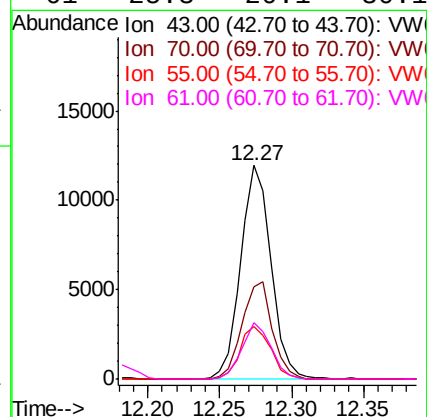
Ion Ratio Lower Upper

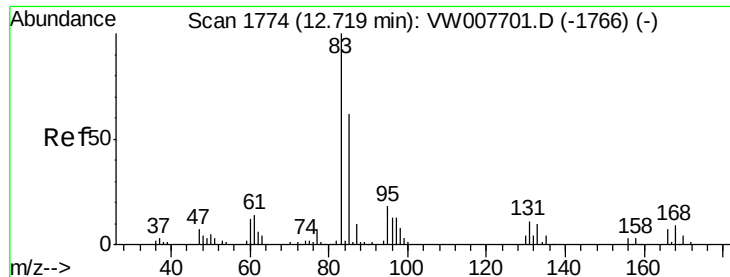
43 100

70 45.1 37.6 56.4

55 24.7 21.7 32.5

61 25.3 20.1 30.1





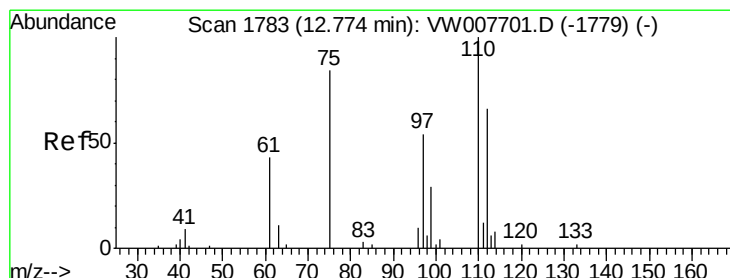
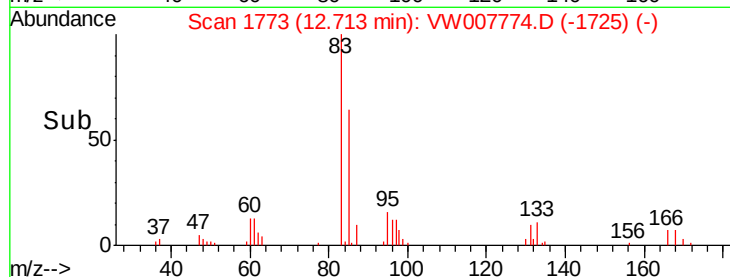
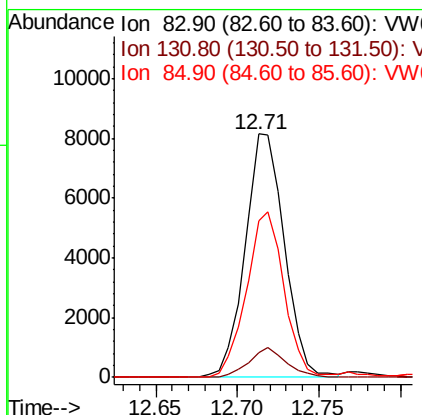
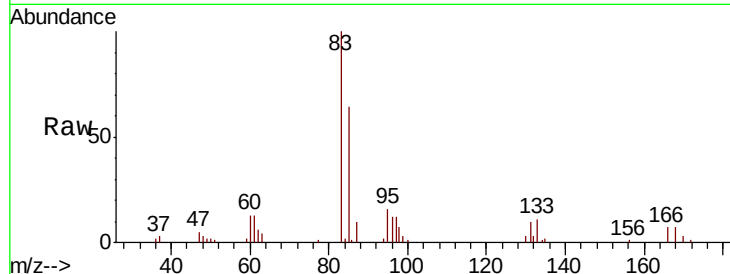
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.568 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.3	18.8
85	64.6	32.3	96.8

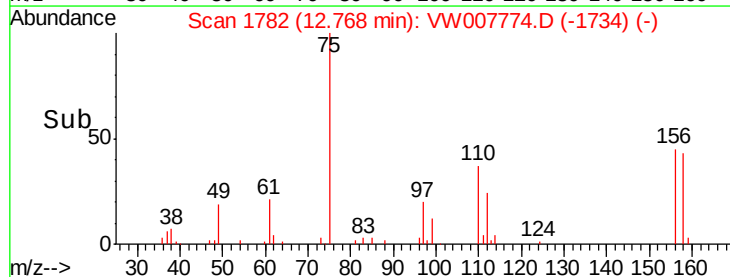
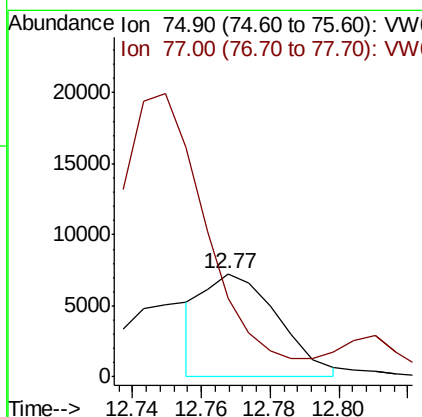
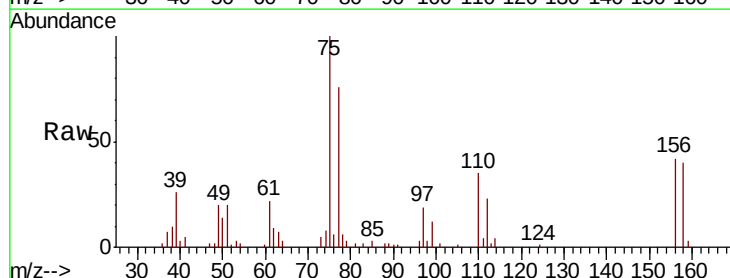
Manual Integrations
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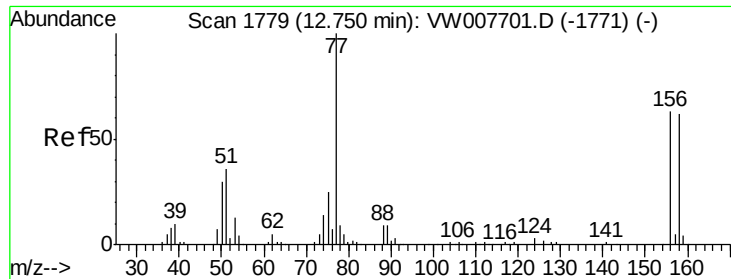
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#76
 1,2,3-Trichloropropane
 Concen: 25.212 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	341.1	0.0	0.0#





#77

Bromobenzene

Concen: 21.628 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Instrument :

MSVOA_W

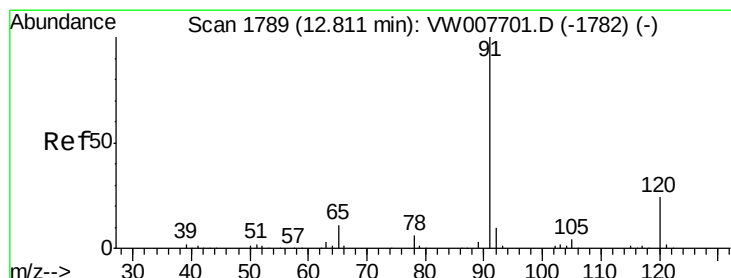
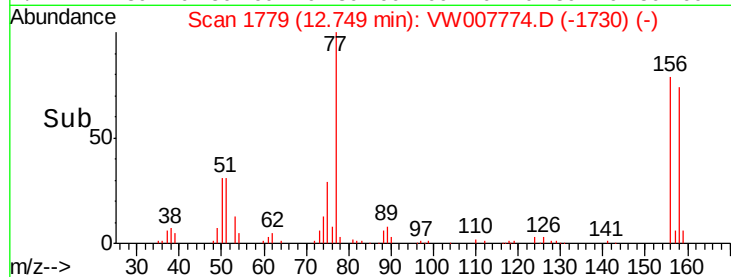
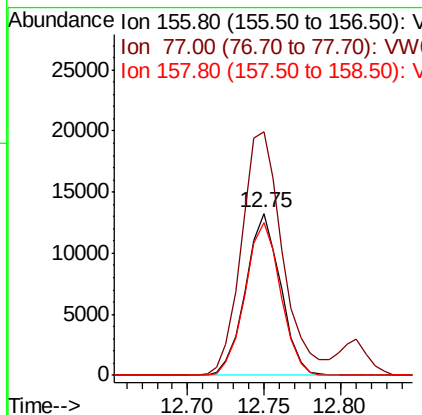
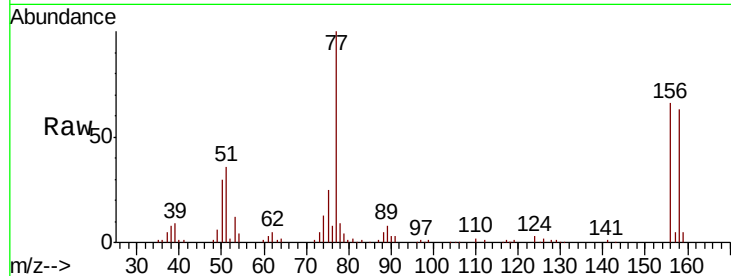
ClientSampleId :

VW1222SBS02

Tgt Ion	Resp	Lower	Upper
156	21034		
156	100		
77	177.4	87.4	262.1
158	95.1	48.4	145.0

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#78

n-propylbenzene

Concen: 20.652 ug/l

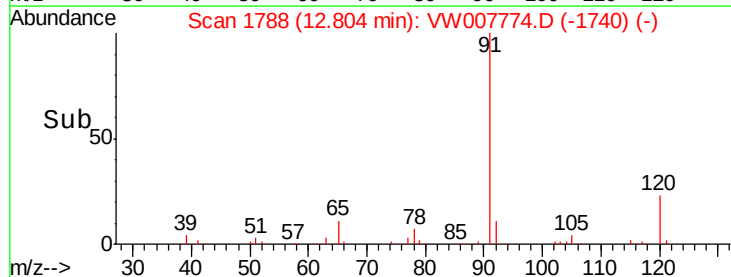
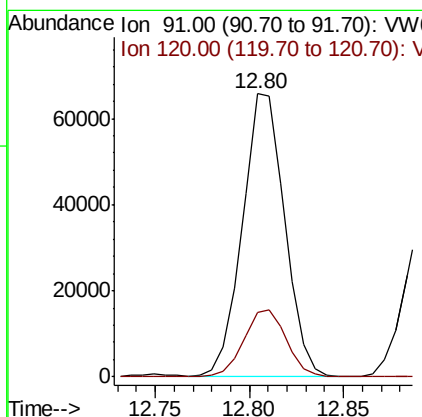
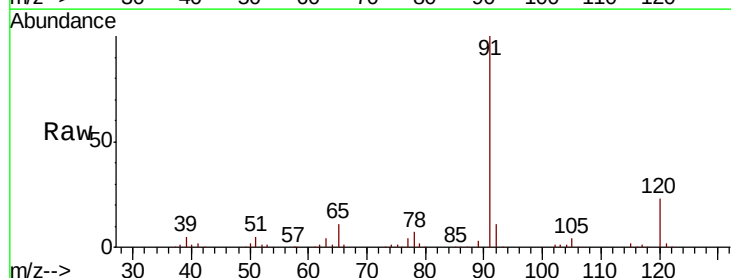
RT: 12.80 min Scan# 1788

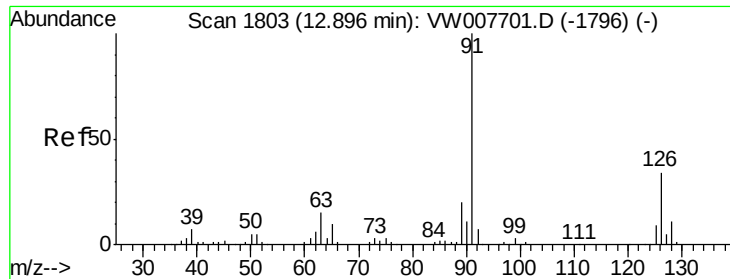
Delta R.T. -0.01 min

Lab File: VW007774.D

Acq: 21 Dec 2018 05:38

Tgt Ion	Resp	Lower	Upper
91	102019		
91	100		
120	23.7	11.9	35.7





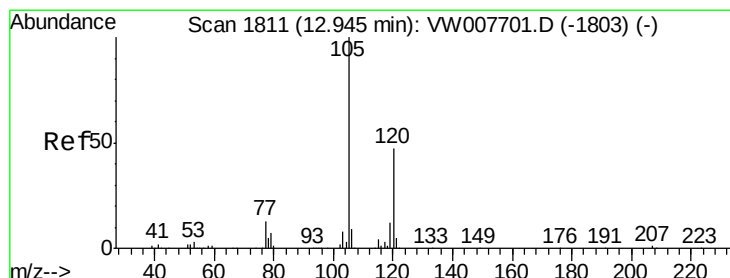
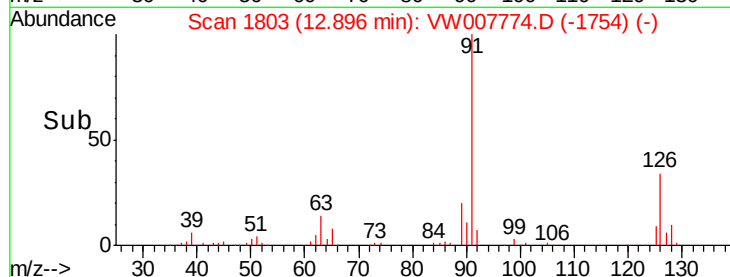
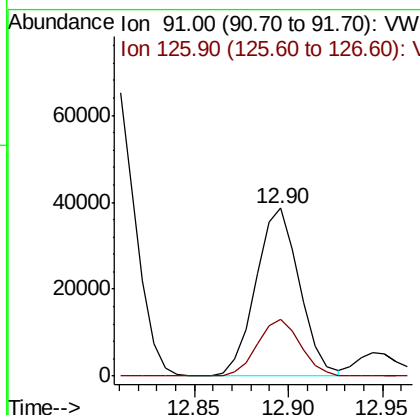
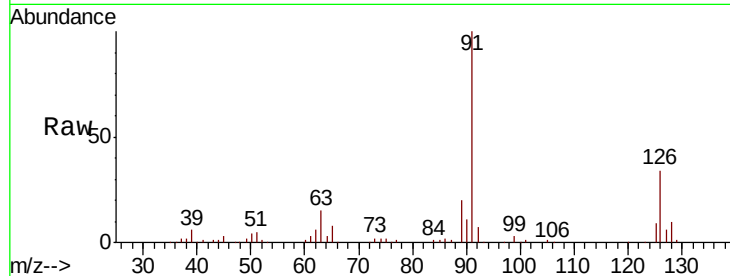
#79
 2-Chlorotoluene
 Concen: 21.573 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion: 91 Resp: 62081
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.0 51.0

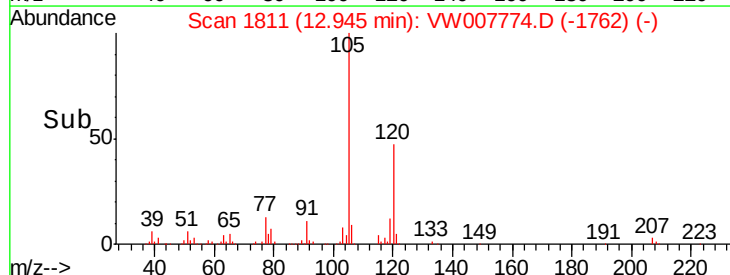
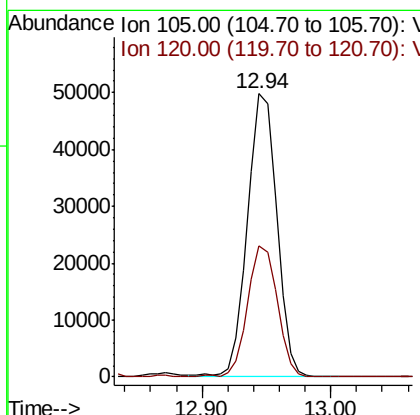
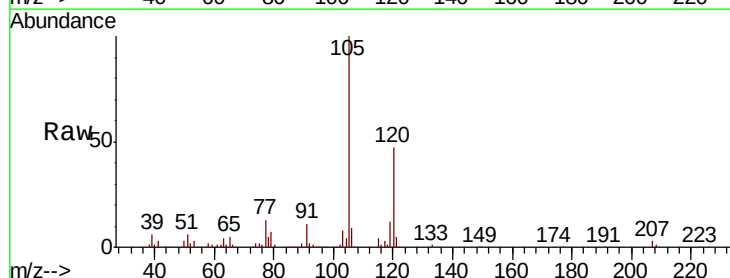
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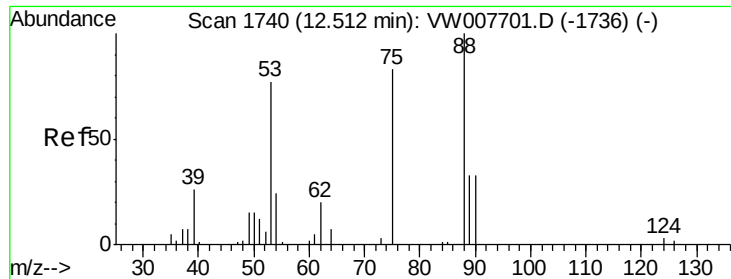
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.468 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion: 105 Resp: 78584
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.6 70.8





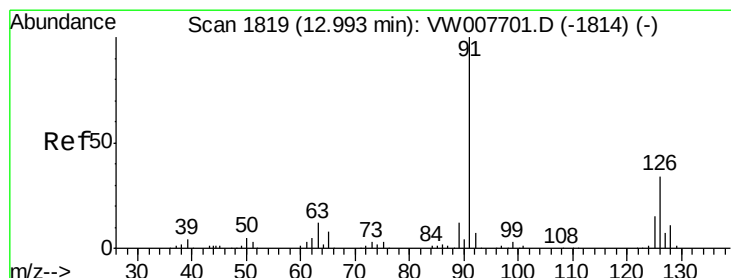
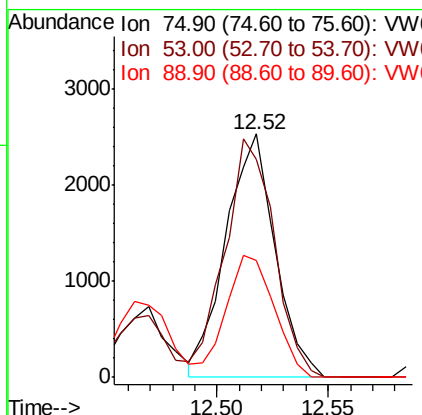
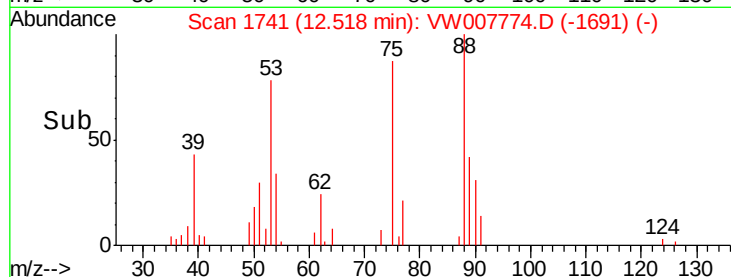
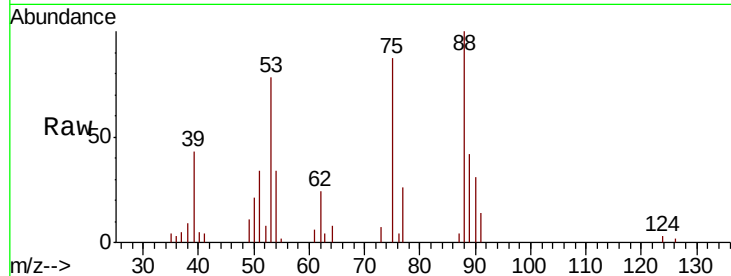
#81
trans-1,4-Dichloro-2-butene
Concen: 18.847 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	3896		
53	98.2	80.2	120.2	
89	49.5	39.2	58.8	

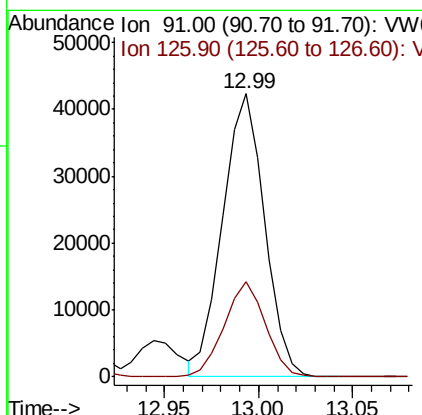
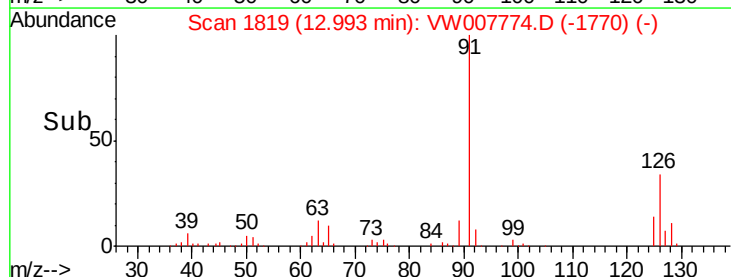
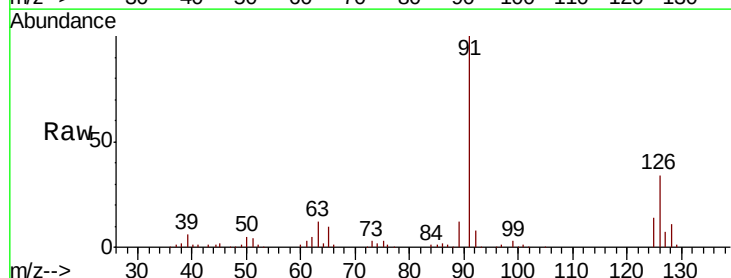
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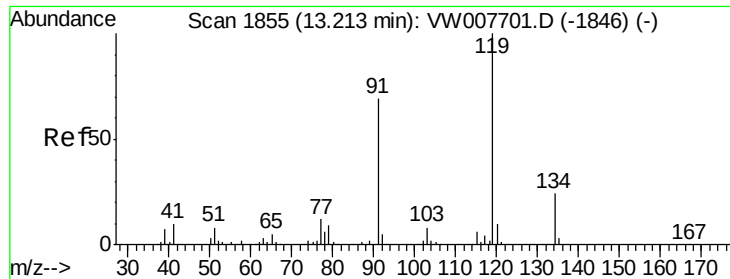
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#82
4-Chlorotoluene
Concen: 21.297 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	65255		
126	33.2	16.5	49.5	





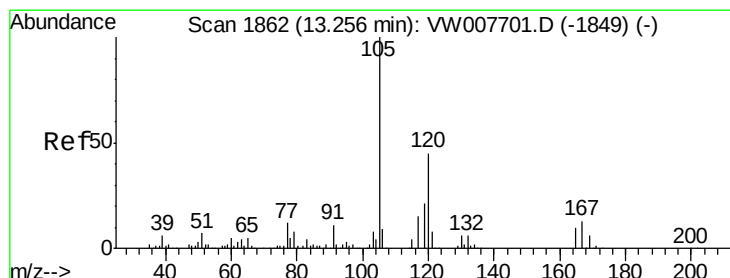
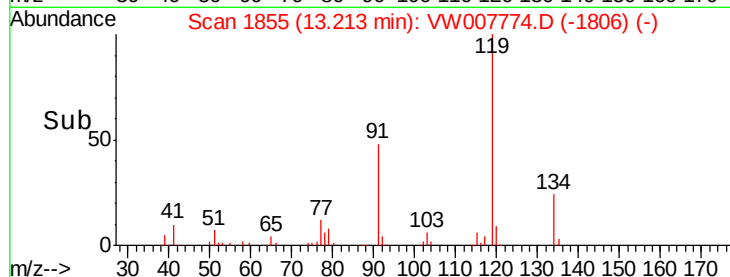
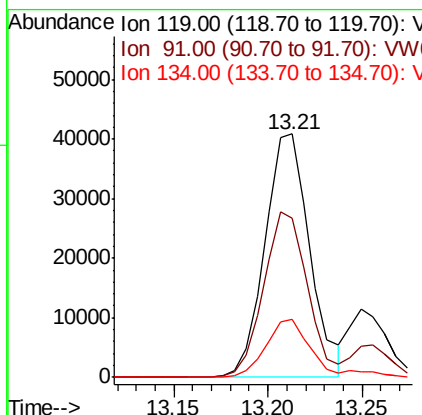
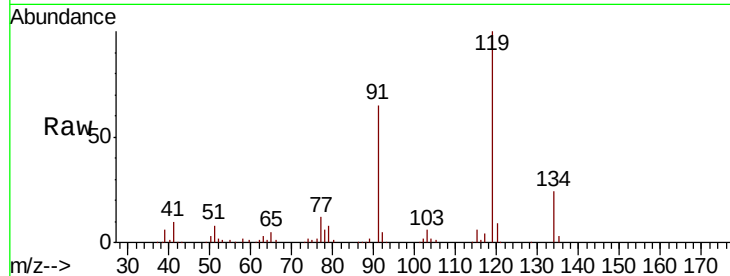
#83
 tert-Butylbenzene
 Concen: 21.059 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion:119 Resp: 67636
 Ion Ratio Lower Upper
 119 100
 91 66.4 34.2 102.5
 134 24.9 12.8 38.4

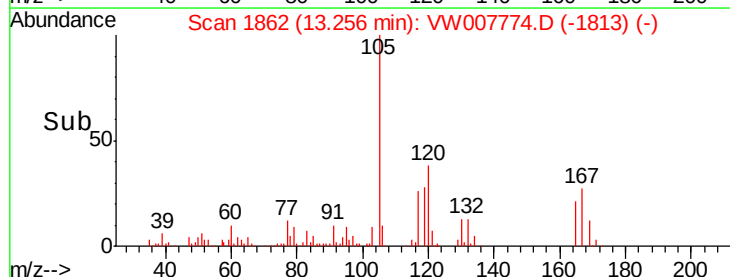
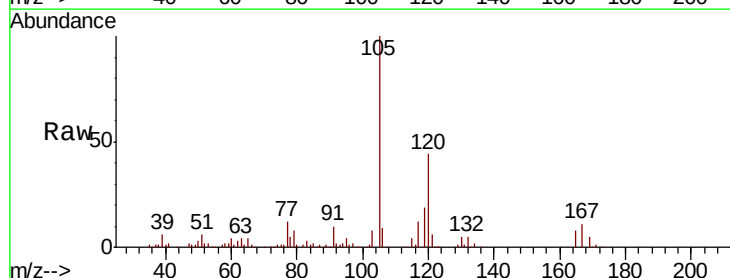
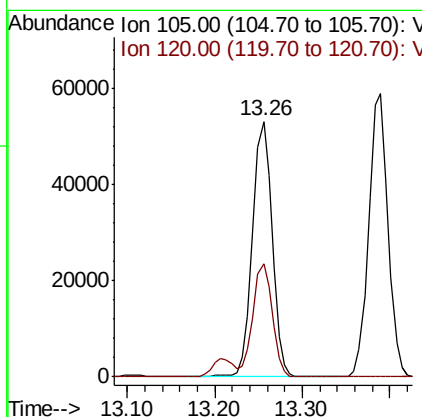
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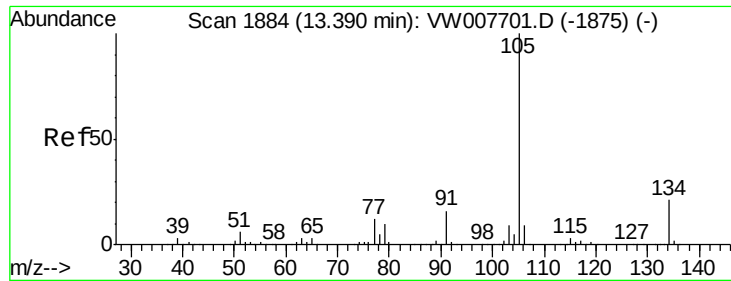
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.420 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion:105 Resp: 82812
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0





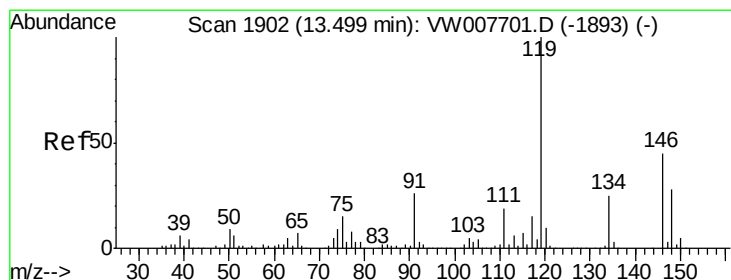
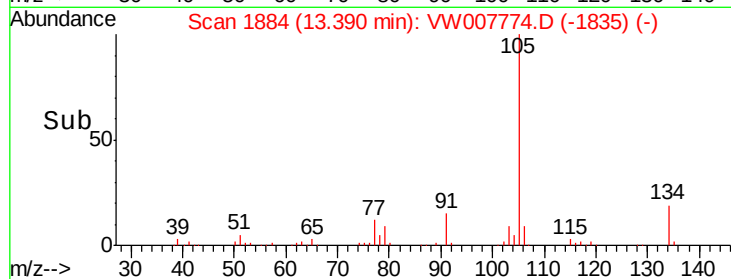
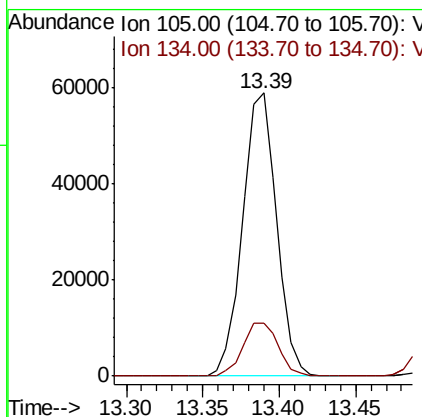
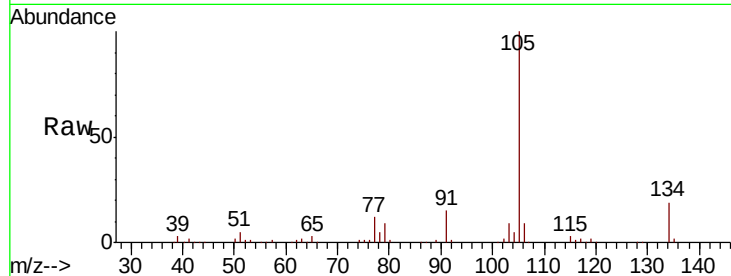
#85
 sec-Butylbenzene
 Concen: 20.443 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion:105 Resp: 90487
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

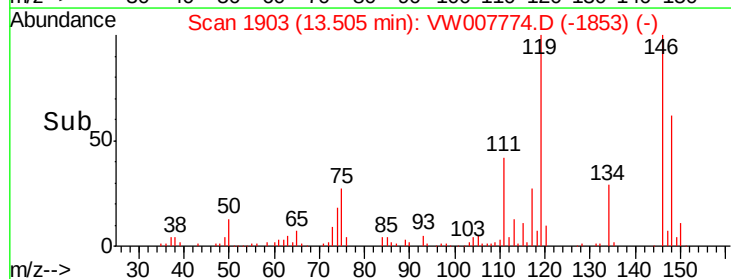
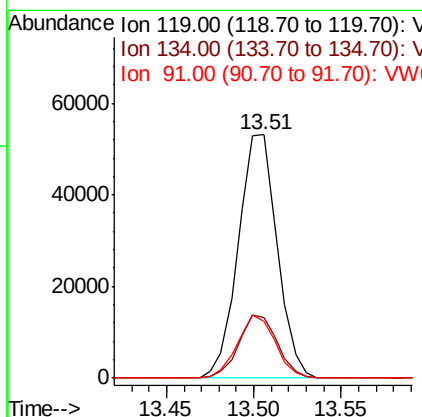
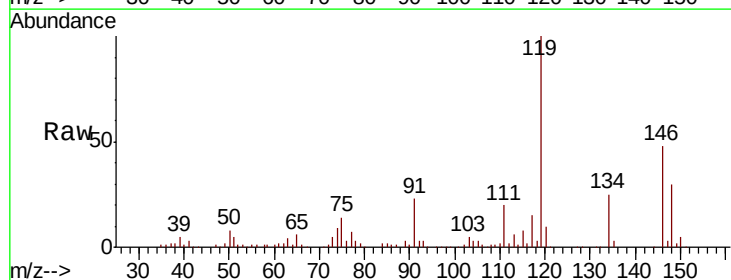
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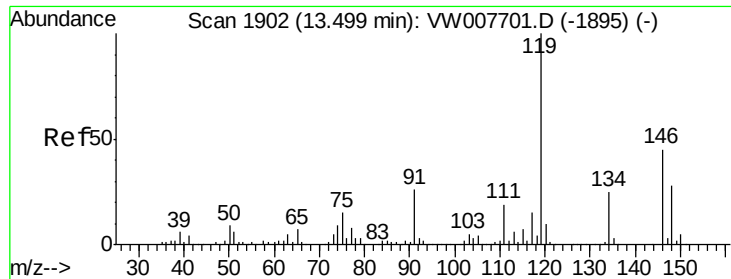
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#86
 p-Isopropyltoluene
 Concen: 20.407 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion:119 Resp: 82139
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.2 12.8 38.4





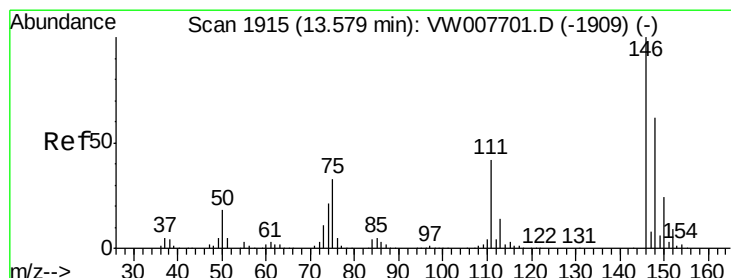
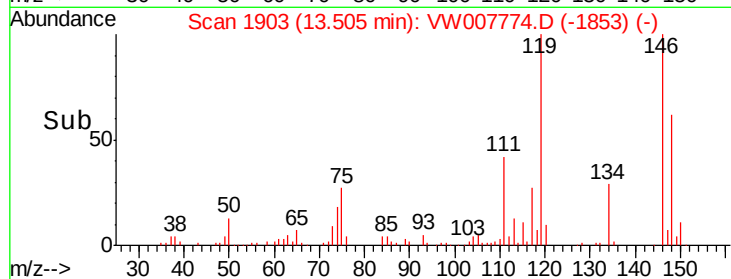
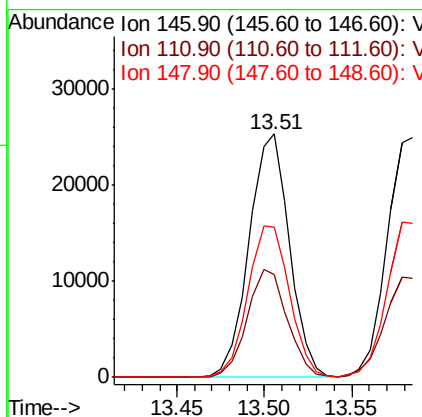
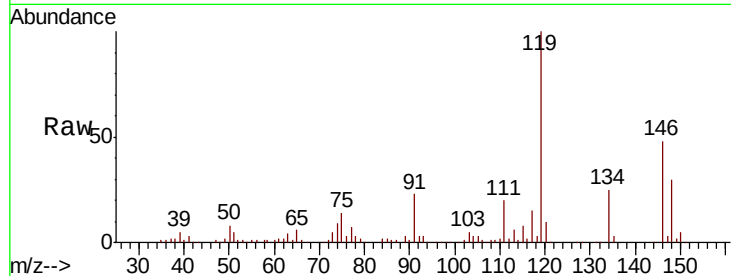
#87
 1,3-Dichlorobenzene
 Concen: 21.231 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.1	63.4
148	64.4	32.1	96.5

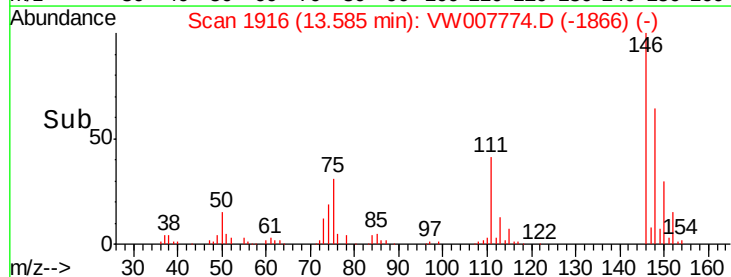
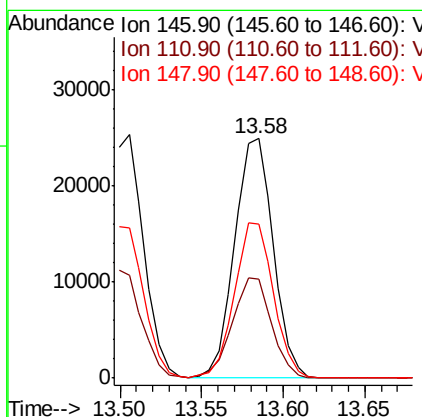
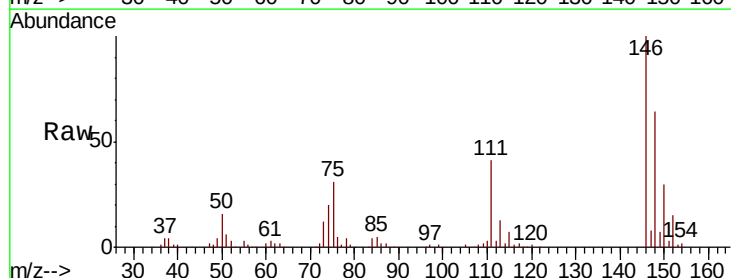
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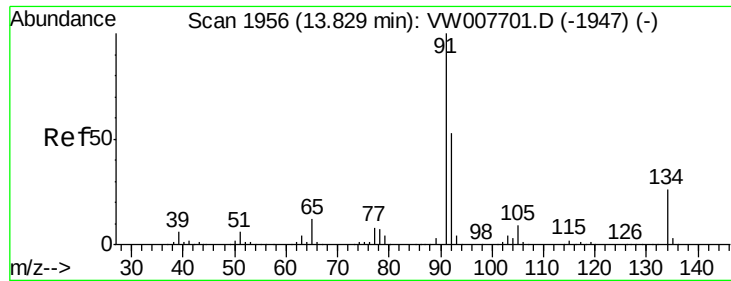
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#88
 1,4-Dichlorobenzene
 Concen: 21.330 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.0	63.0
148	65.1	31.8	95.4





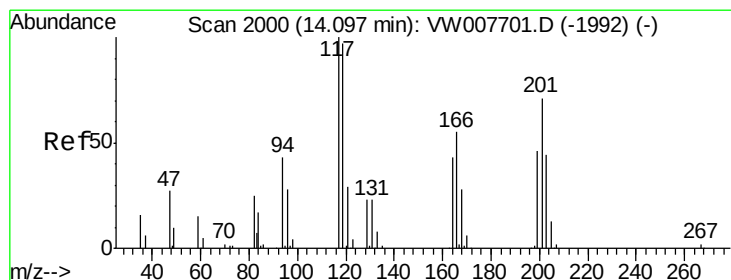
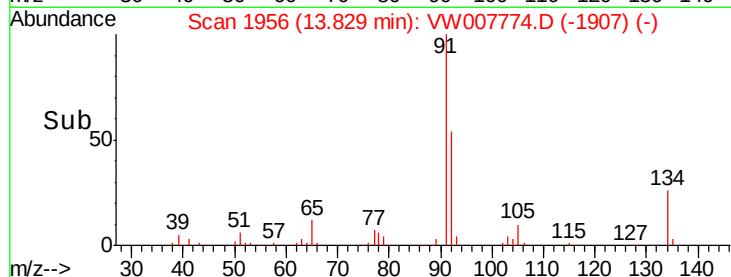
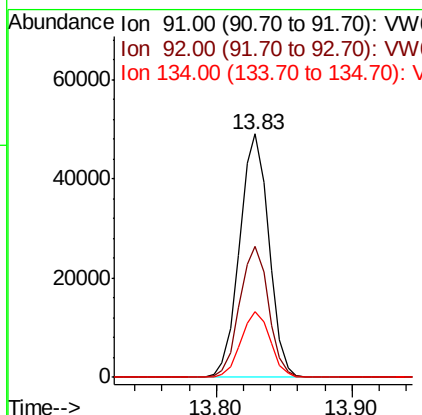
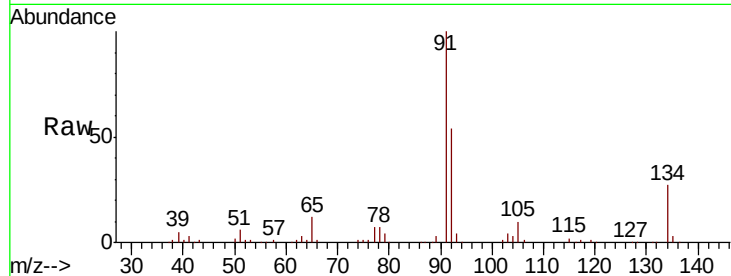
#89
n-Butylbenzene
Concen: 19.907 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	27.0	13.7	41.0

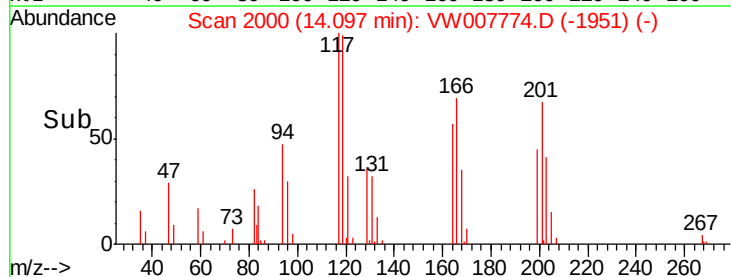
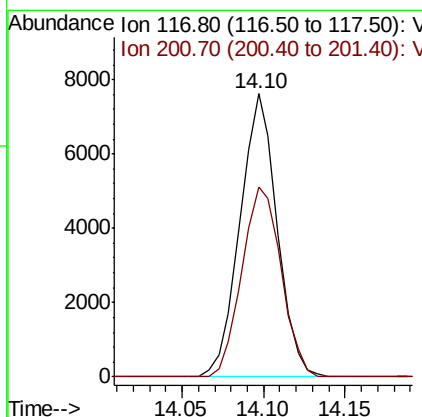
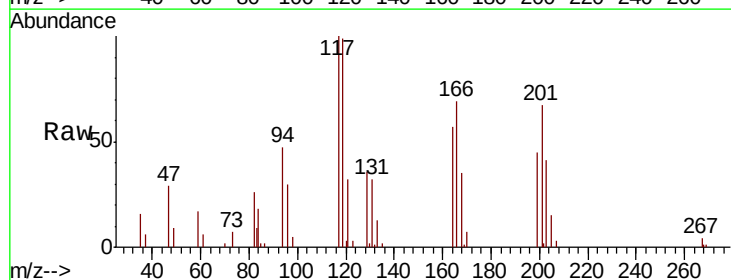
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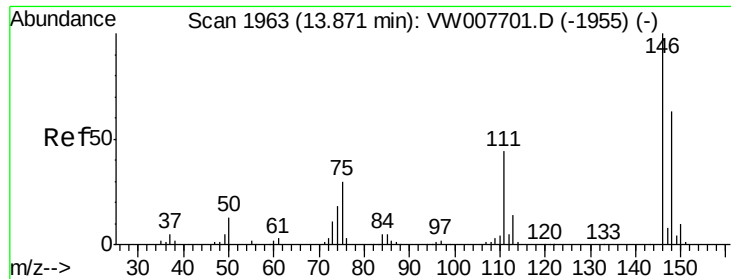
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#90
Hexachloroethane
Concen: 17.100 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.6	36.2	108.6





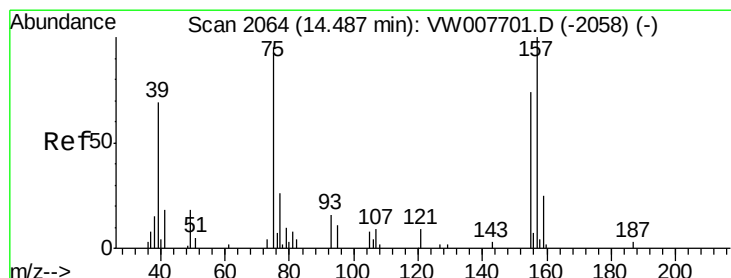
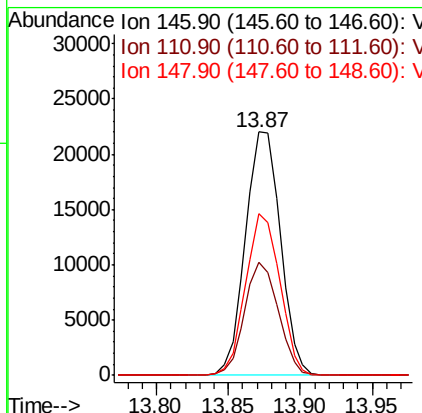
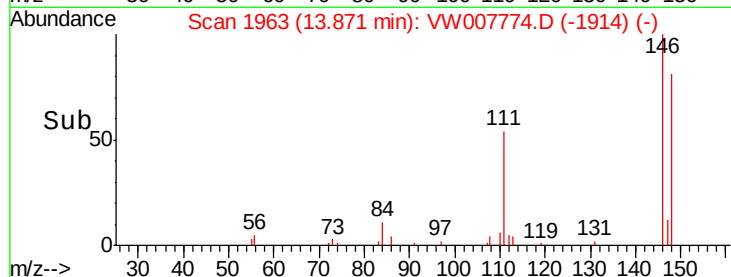
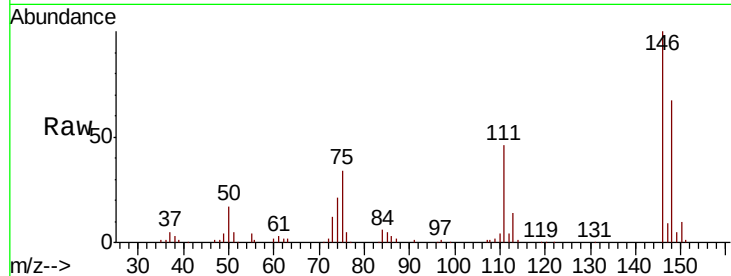
#91
 1,2-Dichlorobenzene
 Concen: 21.498 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.7	65.1
148	64.7	32.1	96.5

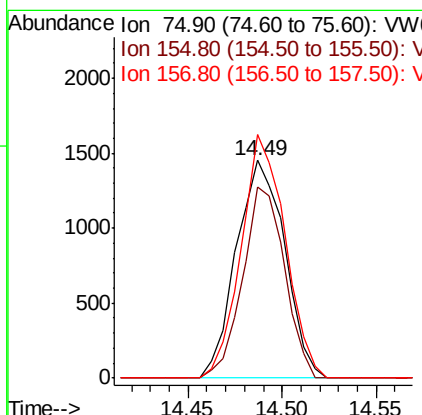
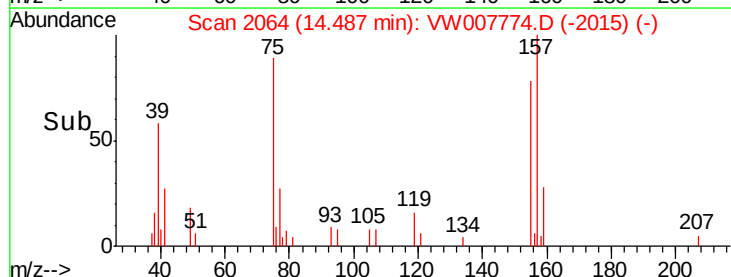
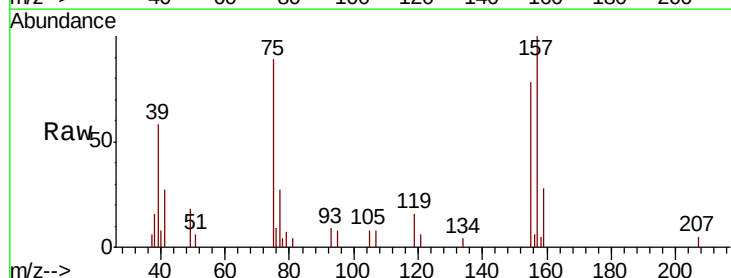
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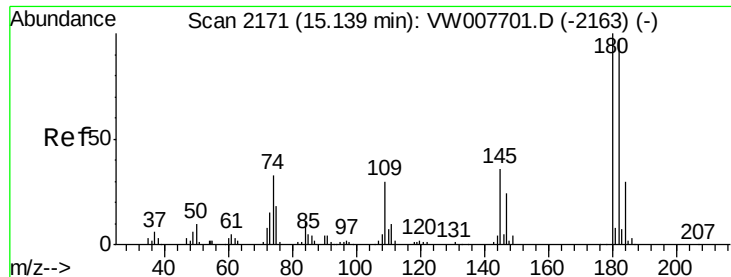
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.753 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007774.D
 Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	39.4	118.1
157	101.6	52.0	156.0





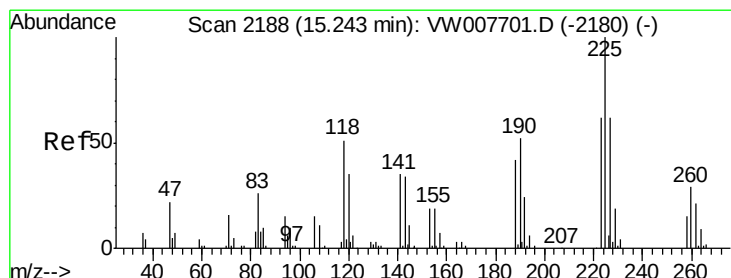
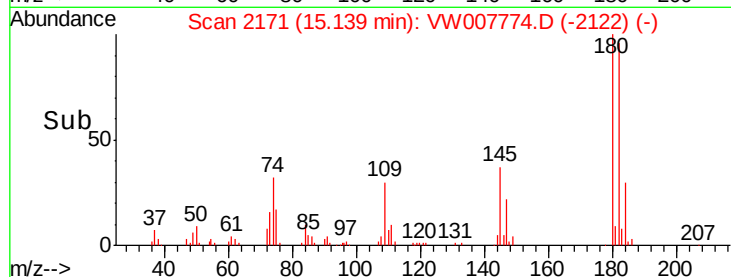
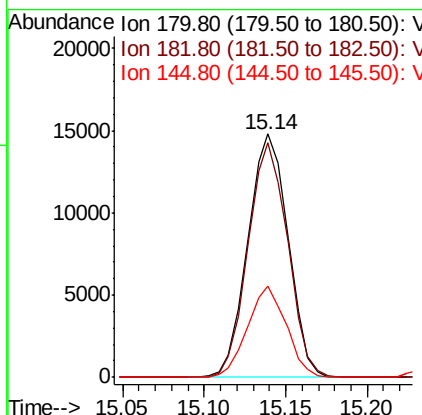
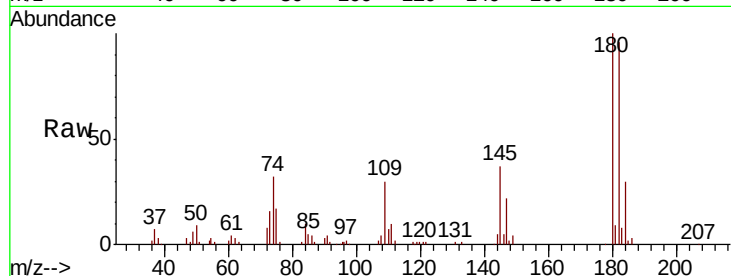
#93
1,2,4-Trichlorobenzene
Concen: 21.185 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	35.9	17.5	52.5

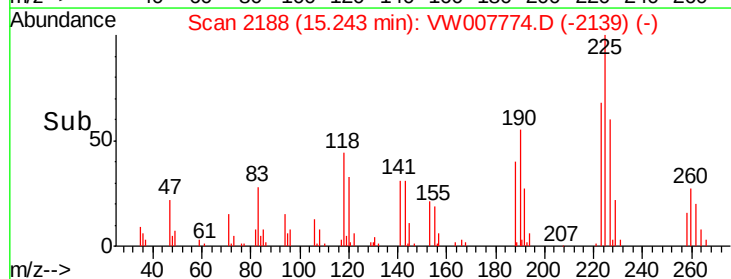
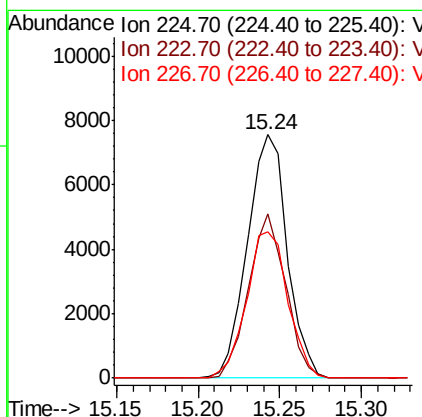
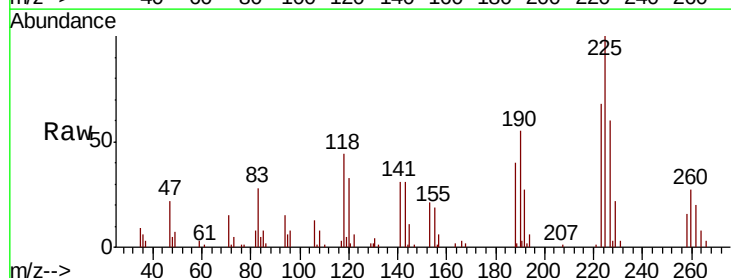
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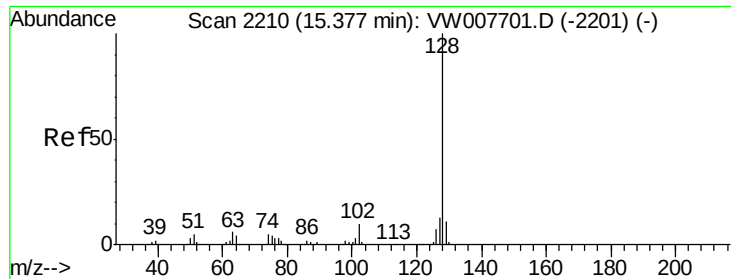
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#94
Hexachlorobutadiene
Concen: 19.939 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	62.4	32.1	96.3





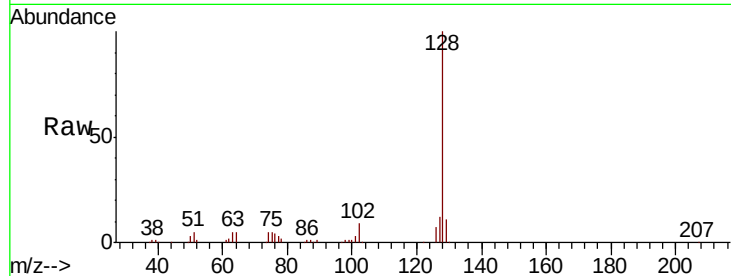
#95
Naphthalene
Concen: 23.449 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.2	8.8	13.2

Manual Integrations
APPROVED

apatel
12/21/2018 11:04:57 AM

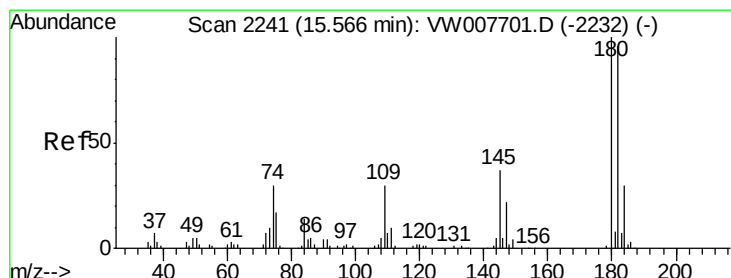
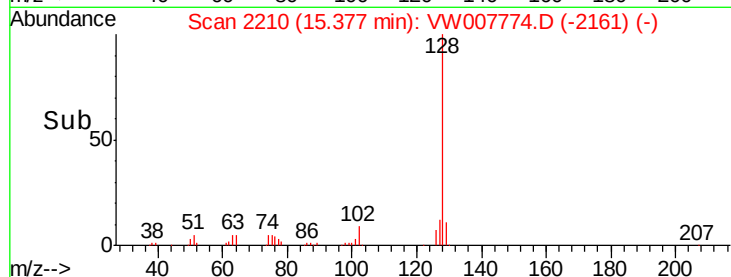
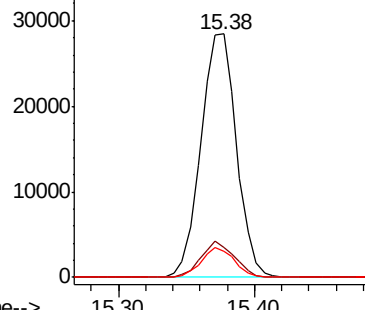


Abundance

Ion 128.00 (127.70 to 128.70): V

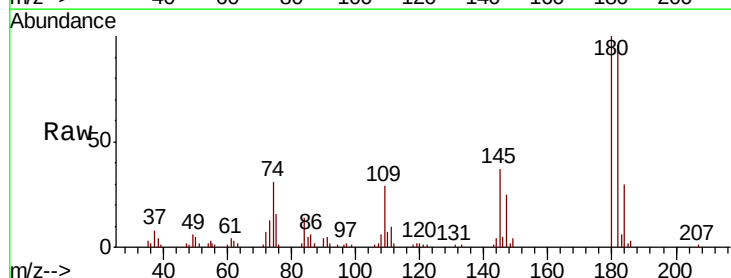
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.753 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007774.D
Acq: 21 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	37.9	18.4	55.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

