

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007770.D
 Acq On : 21 Dec 2018 01:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:04:38 AM

Quant Time: Dec 21 05:13:07 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	79290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47368	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	42949	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.32	98	165783	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	64501	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26790	38.006	ug/l	96
3) Chloromethane	2.22	50	23648	54.635	ug/l	99
4) Vinyl Chloride	2.37	62	30180	54.775	ug/l	100
5) Bromomethane	2.78	94	21473	55.954	ug/l	98
6) Chloroethane	2.93	64	18170	61.641	ug/l	96
7) Trichlorofluoromethane	3.26	101	23327	40.666	ug/l	96
8) Diethyl Ether	3.68	74	18214	51.840	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35547	42.077	ug/l	100
10) Methyl Iodide	4.27	142	61577	45.833	ug/l	96
11) Tert butyl alcohol	5.17	59	15160	258.595	ug/l	99
12) 1,1-Dichloroethene	4.03	96	34289	43.832	ug/l	94
13) Acrolein	3.89	56	10452	222.982	ug/l	98
14) Allyl chloride	4.67	41	50537	49.263	ug/l	94
15) Acrylonitrile	5.37	53	38225	255.046	ug/l	99
16) Acetone	4.12	43	34556	212.340	ug/l	98
17) Carbon Disulfide	4.38	76	102429	42.311	ug/l	99
18) Methyl Acetate	4.67	43	21806	56.342	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	64401	57.343	ug/l	96
20) Methylene Chloride	4.91	84	40737	50.063	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	39239	45.607	ug/l	97
22) Diisopropyl ether	6.31	45	103131	53.689	ug/l	97
23) Vinyl Acetate	6.25	43	290336	254.398	ug/l	97
24) 1,1-Dichloroethane	6.21	63	67568	47.814	ug/l	99
25) 2-Butanone	7.17	43	46650	244.735	ug/l	97
26) 2,2-Dichloropropane	7.17	77	43978	42.529	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43663	47.634	ug/l	98
28) Bromochloromethane	7.51	49	26292	54.569	ug/l	94
29) Tetrahydrofuran	7.53	42	30615	269.264	ug/l	99
30) Chloroform	7.68	83	74091	46.329	ug/l	100
31) Cyclohexane	7.95	56	55438	42.853	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62968	43.233	ug/l	99
36) 1,1-Dichloropropene	8.08	75	54431	42.418	ug/l	100
37) Ethyl Acetate	7.26	43	22003	49.684	ug/l	99
38) Carbon Tetrachloride	8.07	117	56867	37.630	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68626	43.038	ug/l	99
40) Benzene	8.32	78	154635	45.159	ug/l	99
41) Methacrylonitrile	7.48	41	14297	56.862	ug/l	88
42) 1,2-Dichloroethane	8.40	62	50239	43.780	ug/l	99
43) Isopropyl Acetate	8.43	43	44211	49.830	ug/l	98
44) Trichloroethene	9.09	130	44874	43.334	ug/l	97
45) 1,2-Dichloropropane	9.37	63	36383	47.885	ug/l	97
46) Dibromomethane	9.46	93	20715	44.290	ug/l	99
47) Bromodichloromethane	9.65	83	53508	43.517	ug/l	98
48) Methyl methacrylate	9.44	41	22383	50.541	ug/l	98
49) 1,4-Dioxane	9.45	88	7207	971.894	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	105563	251.755	ug/l	98
52) Toluene	10.39	92	106105	46.184	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55963	45.758	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	62089	45.960	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30330	47.039	ug/l	97
56) Ethyl methacrylate	10.65	69	38695	50.793	ug/l	96
57) 1,3-Dichloropropane	10.93	76	50423	47.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99014	284.665	ug/l	99
59) 2-Hexanone	10.97	43	73919	250.669	ug/l	99
60) Dibromochloromethane	11.13	129	35538	41.626	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30332	46.453	ug/l	100
64) Tetrachloroethene	10.86	164	39131	45.963	ug/l	99
65) Chlorobenzene	11.66	112	115972	44.567	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40528	43.587	ug/l	97
67) Ethyl Benzene	11.73	91	209849	46.995	ug/l	95
68) m/p-Xylenes	11.84	106	160317	92.552	ug/l	98
69) o-Xylene	12.17	106	77100	47.484	ug/l	99
70) Styrene	12.18	104	125470	47.009	ug/l	99
71) Bromoform	12.35	173	19545	40.492	ug/l #	99
73) Isopropylbenzene	12.47	105	213479	46.726	ug/l	99
74) N-amyl acetate	12.27	43	41446	52.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32947	48.097	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	25179m	53.898	ug/l	
77) Bromobenzene	12.75	156	47940	45.786	ug/l	96
78) n-propylbenzene	12.81	91	244316	45.939	ug/l	99
79) 2-Chlorotoluene	12.90	91	146297	47.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	187675	47.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10173	45.710	ug/l	95
82) 4-Chlorotoluene	12.99	91	154945	46.970	ug/l	99
83) tert-Butylbenzene	13.21	119	162787	47.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192706	48.461	ug/l	99
85) sec-Butylbenzene	13.39	105	219999	46.165	ug/l	100
86) p-Isopropyltoluene	13.51	119	201666	46.538	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	96417	46.379	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96002	46.166	ug/l	99
89) n-Butylbenzene	13.83	91	182799	46.009	ug/l	100
90) Hexachloroethane	14.10	117	29526	38.811	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	86204	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6083	43.241	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62188	48.132	ug/l	98
94) Hexachlorobutadiene	15.24	225	31241	45.245	ug/l	100
95) Naphthalene	15.37	128	127758	53.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	53078	47.992	ug/l	99

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

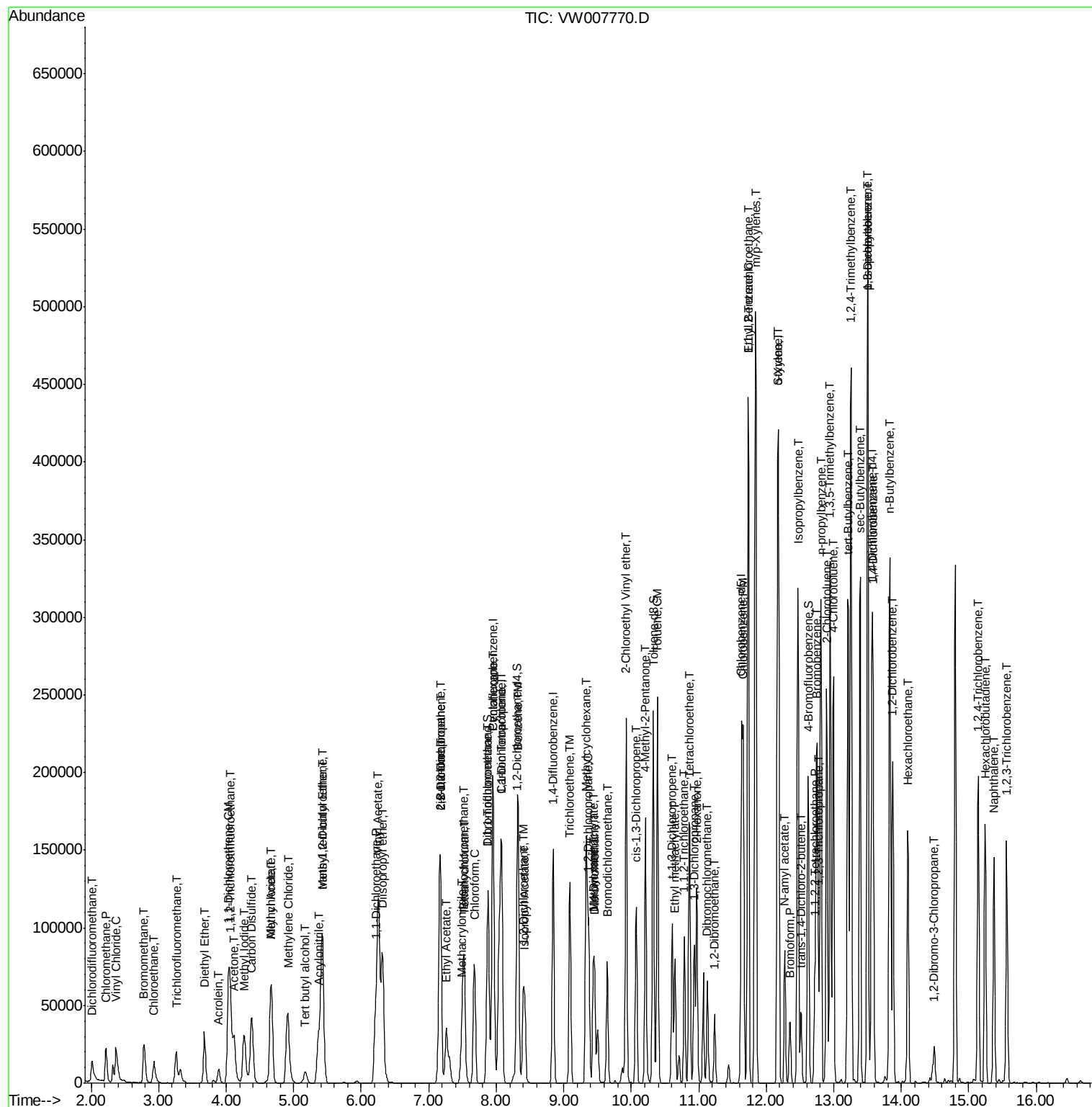
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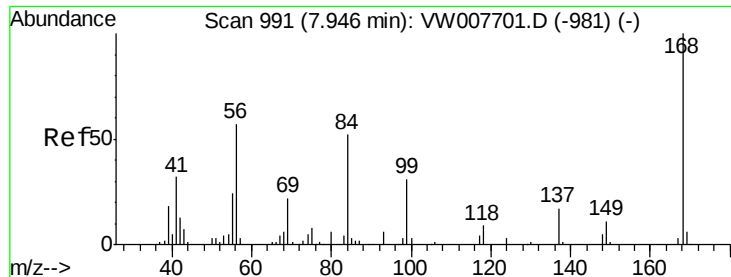
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 79290

Ion Ratio Lower Upper

168 100

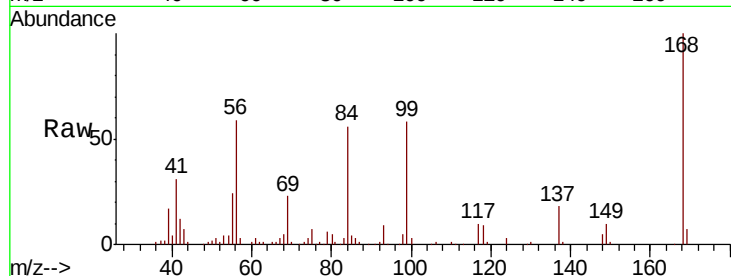
99 58.4 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

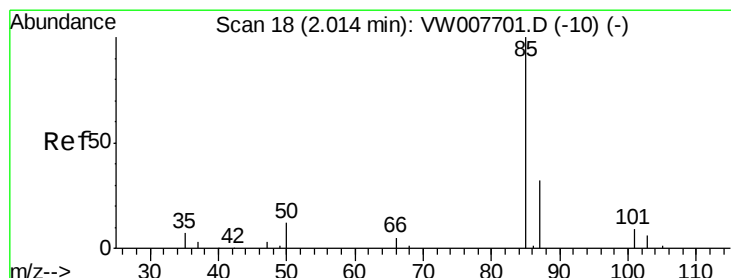
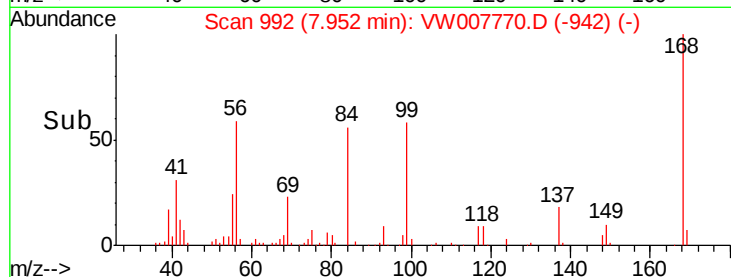
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 38.006 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007770.D

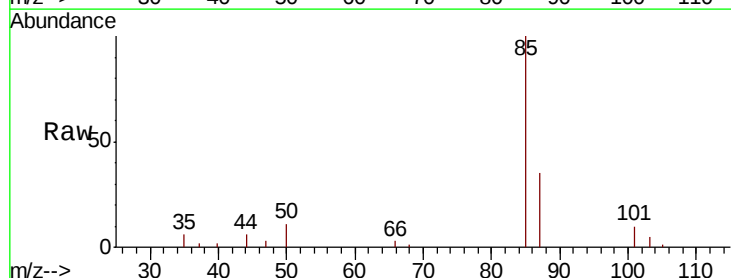
Acq: 21 Dec 2018 01:45

Tgt Ion: 85 Resp: 26790

Ion Ratio Lower Upper

85 100

87 34.7 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

8000

6000

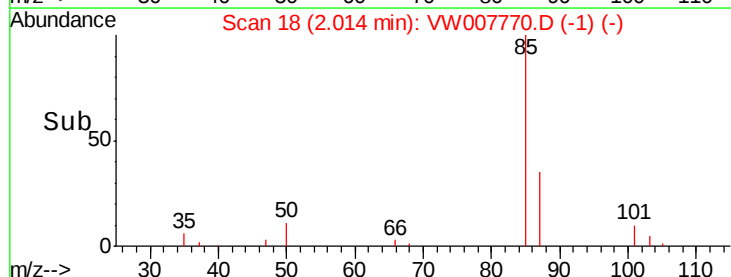
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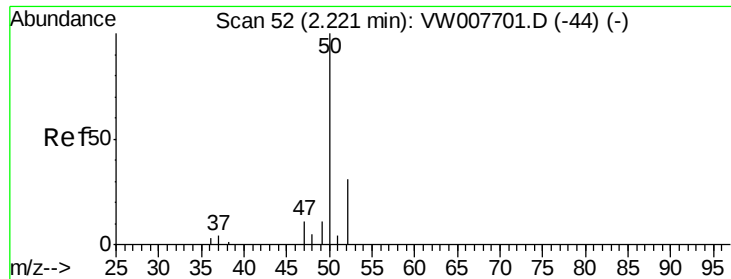
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 54.635 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 23648

Ion Ratio Lower Upper

50 100

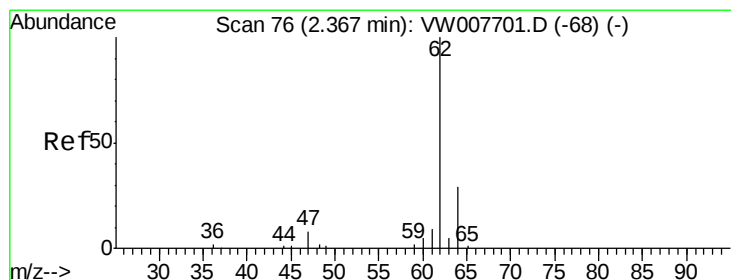
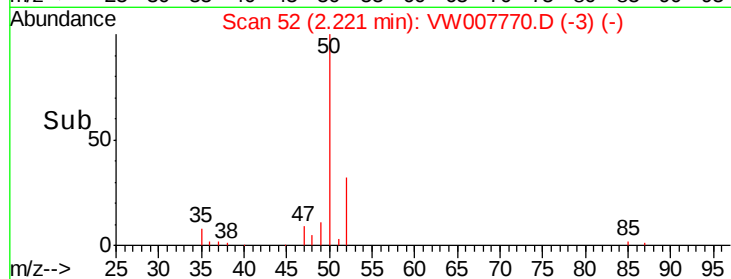
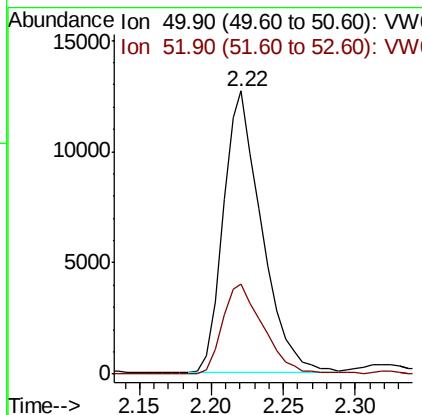
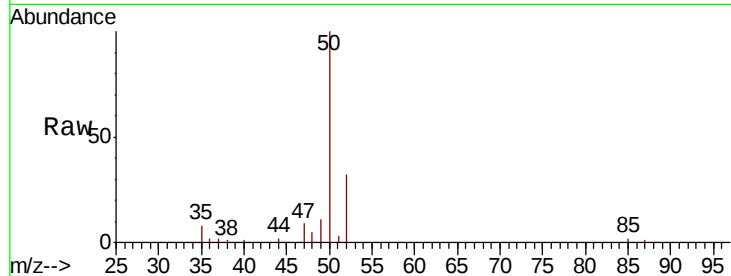
52 31.8 25.1 37.7

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#4

Vinyl Chloride

Concen: 54.775 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007770.D

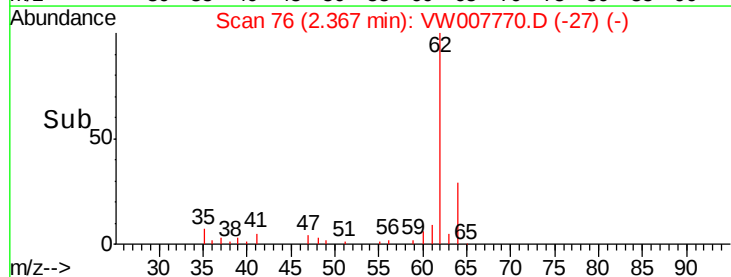
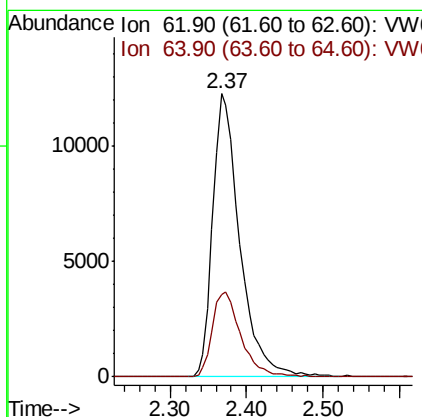
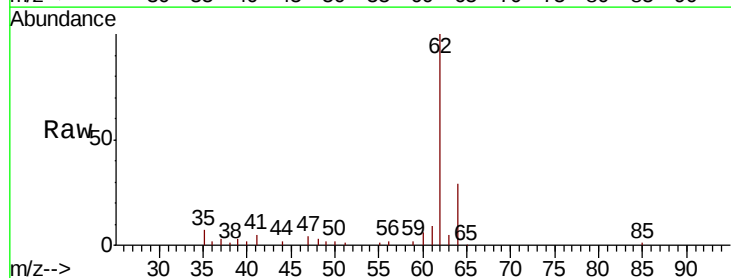
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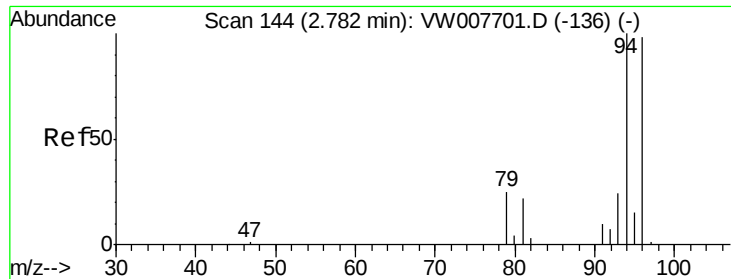
Tgt Ion: 62 Resp: 30180

Ion Ratio Lower Upper

62 100

64 29.1 23.4 35.0





#5

Bromomethane

Concen: 55.954 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 21473

Ion Ratio Lower Upper

94 100

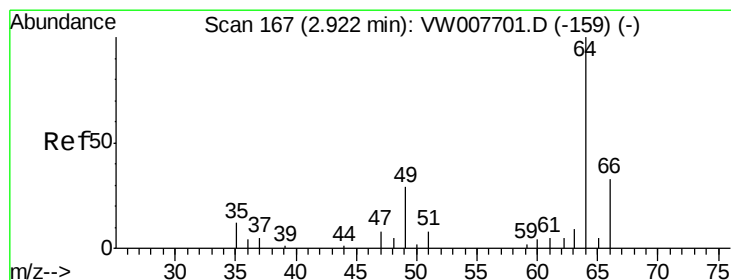
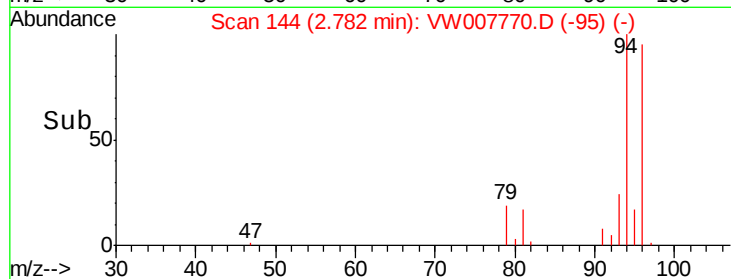
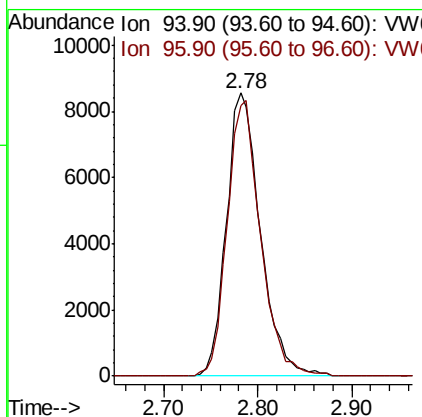
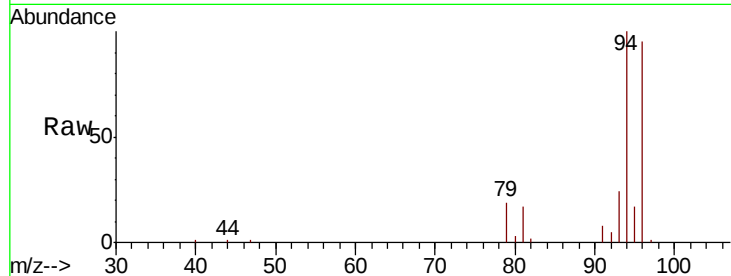
96 95.4 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 61.641 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007770.D

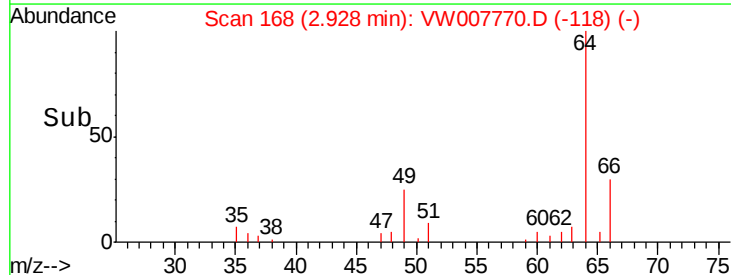
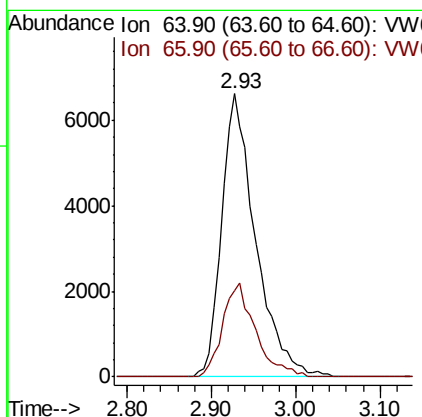
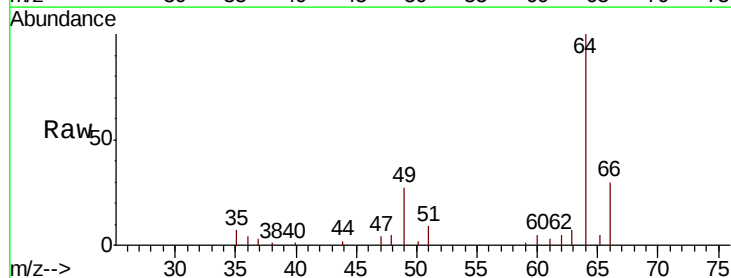
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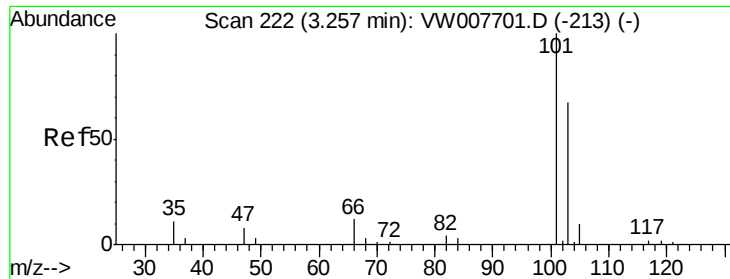
Tgt Ion: 64 Resp: 18170

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4





#7

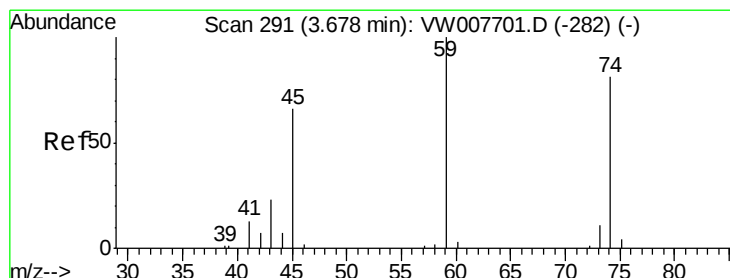
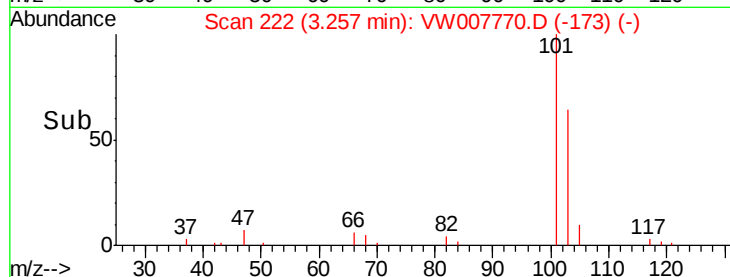
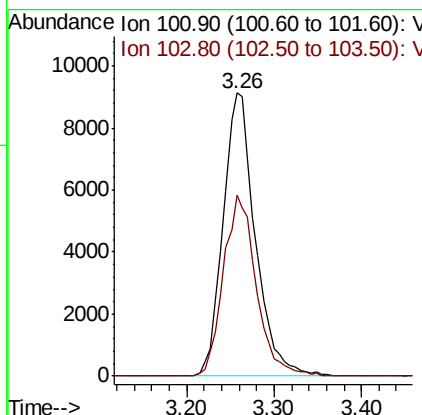
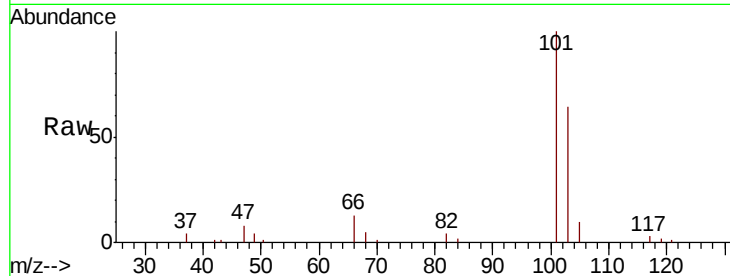
Trichlorofluoromethane
 Concen: 40.666 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

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Tgt Ion: 101 Resp: 23327
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.4 80.2

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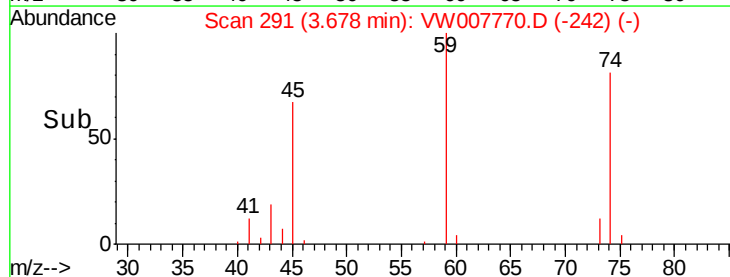
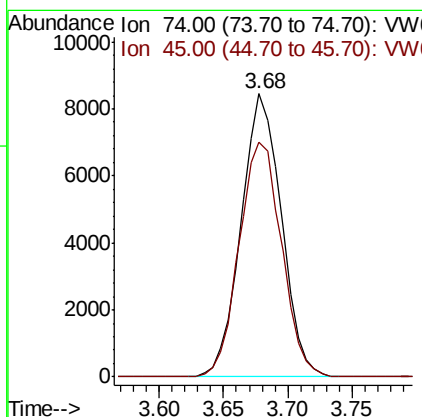
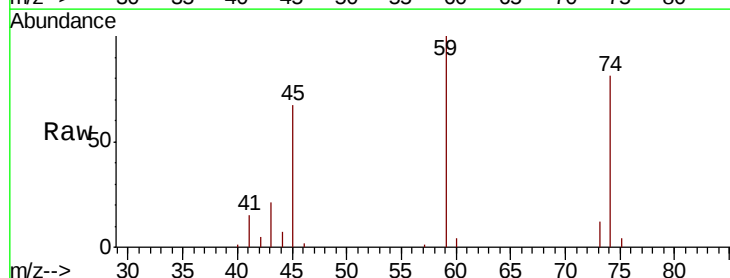
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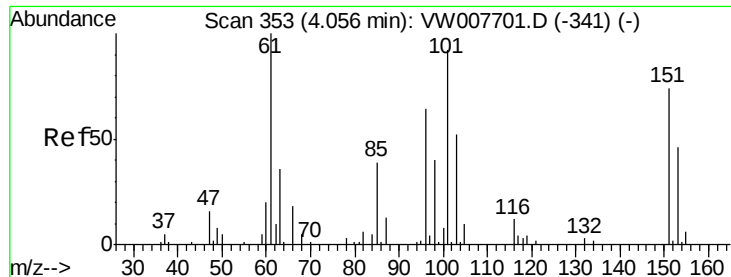


#8

Diethyl Ether
 Concen: 51.840 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 74 Resp: 18214
 Ion Ratio Lower Upper
 74 100
 45 87.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.077 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

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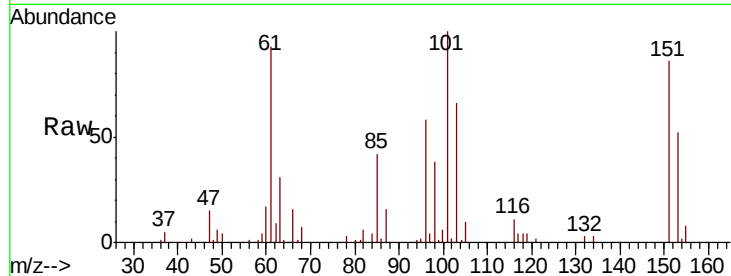
ClientSampleId :

VSTDCCC050EC

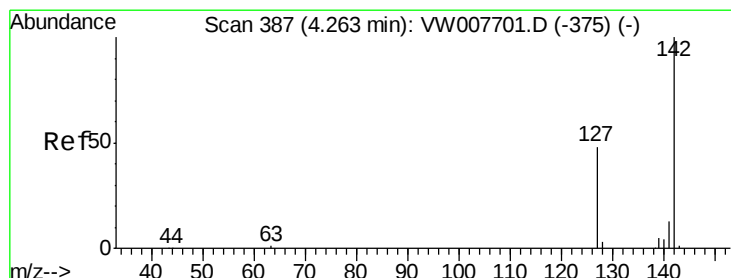
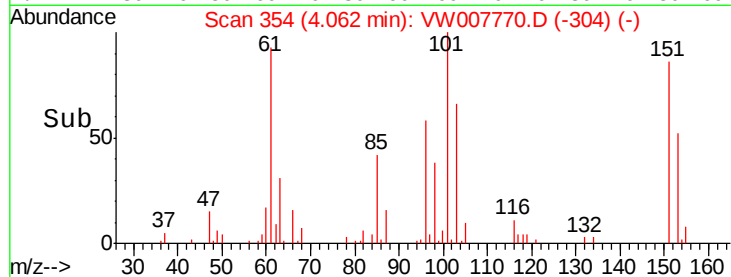
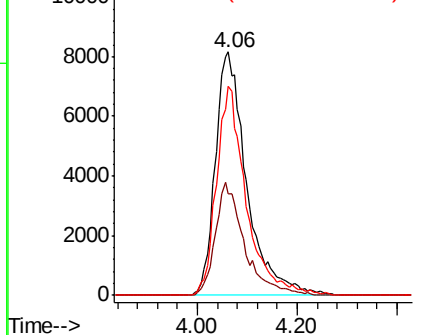
Tgt Ion:	101	Resp:	35547
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.3	51.5
151	81.3	64.6	96.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.833 ug/l

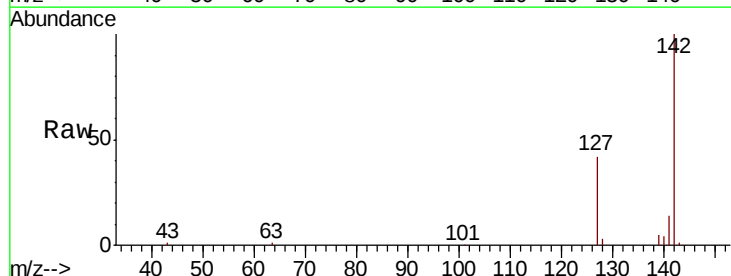
RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

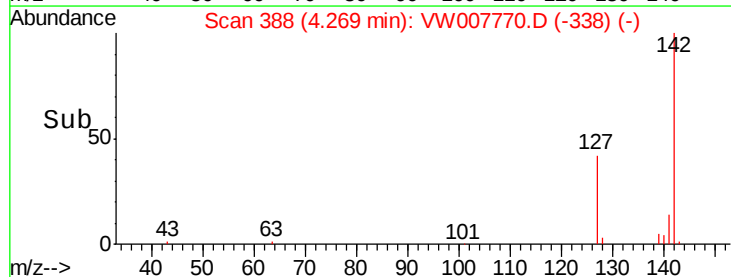
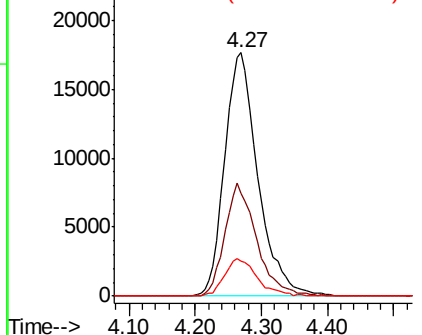
Lab File: VW007770.D

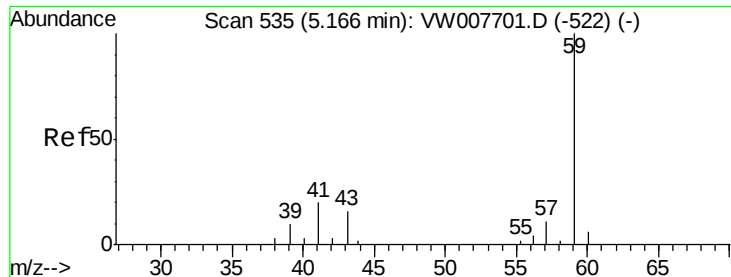
Acq: 21 Dec 2018 01:45

Tgt Ion:	142	Resp:	61577
Ion Ratio	Lower	Upper	
142	100		
127	44.2	37.7	56.5
141	15.0	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





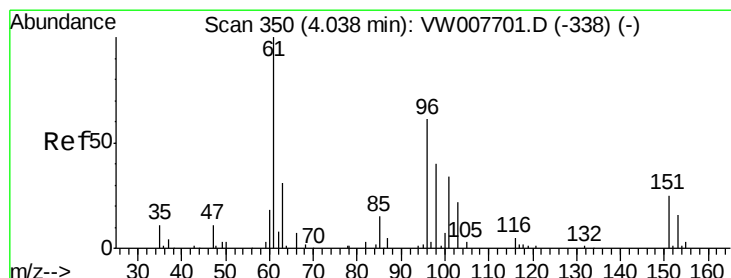
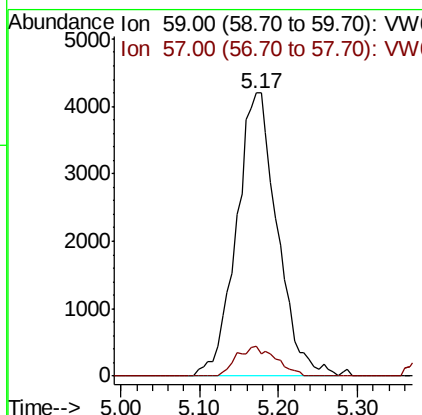
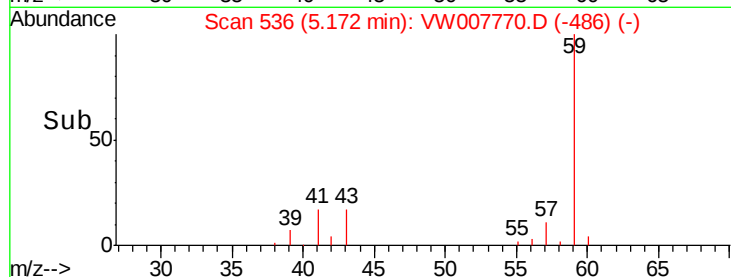
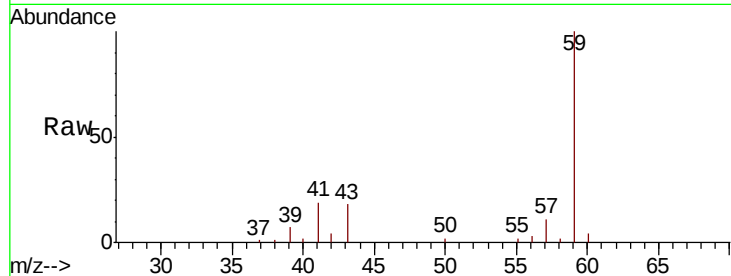
#11
Tert butyl alcohol
Concen: 258.595 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 15160
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

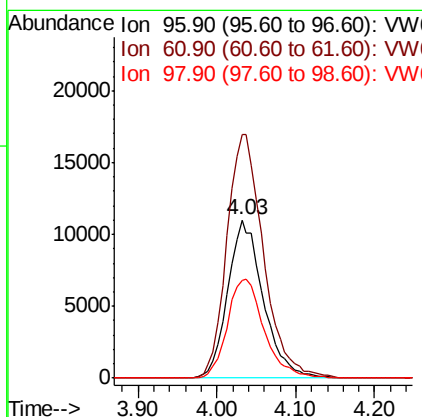
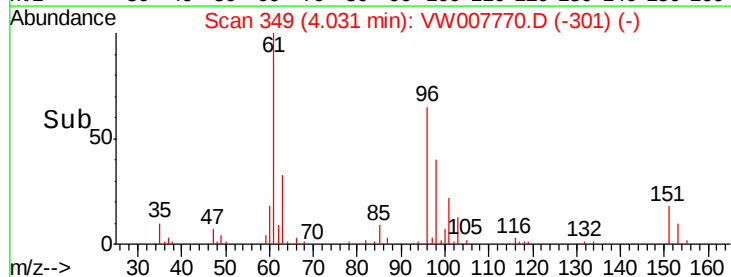
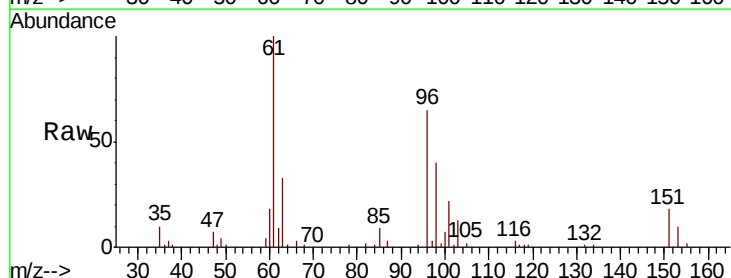
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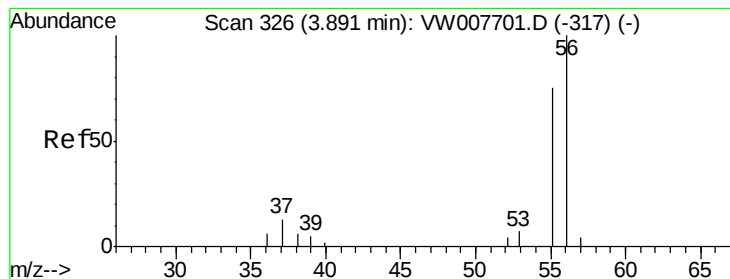
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#12
1,1-Dichloroethene
Concen: 43.832 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 96 Resp: 34289
Ion Ratio Lower Upper
96 100
61 153.9 130.6 195.8
98 61.7 52.3 78.5





#13

Acrolein

Concen: 222.982 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 10452

Ion Ratio Lower Upper

56 100

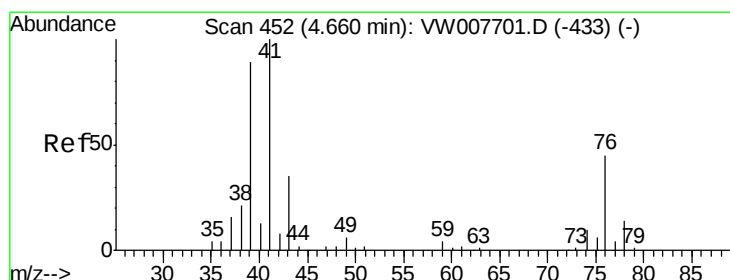
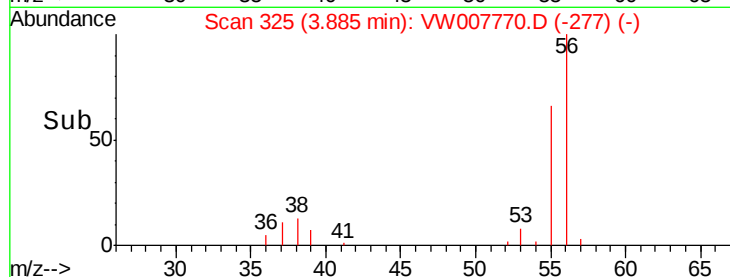
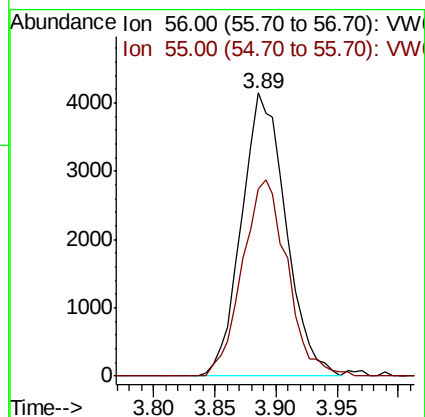
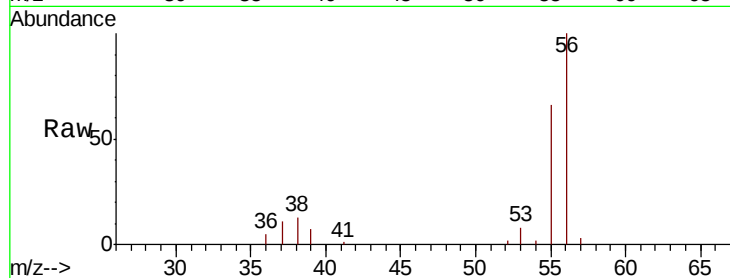
55 70.4 57.7 86.5

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#14

Allyl chloride

Concen: 49.263 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

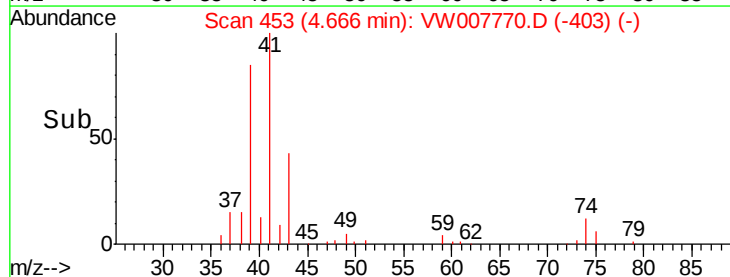
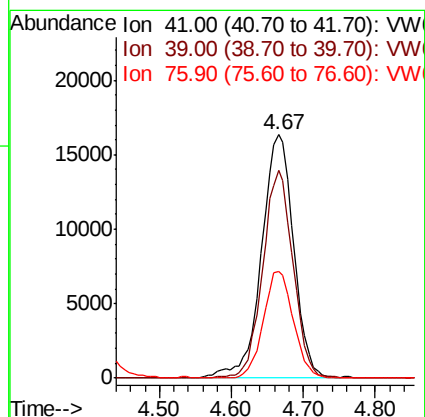
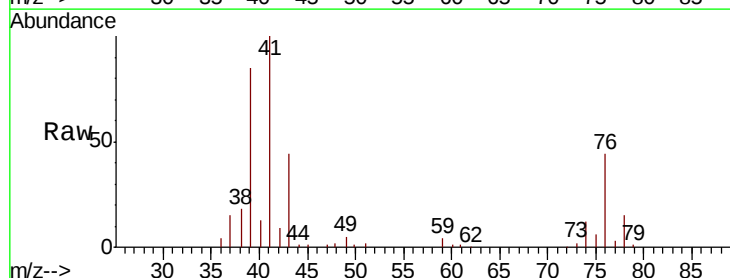
Tgt Ion: 41 Resp: 50537

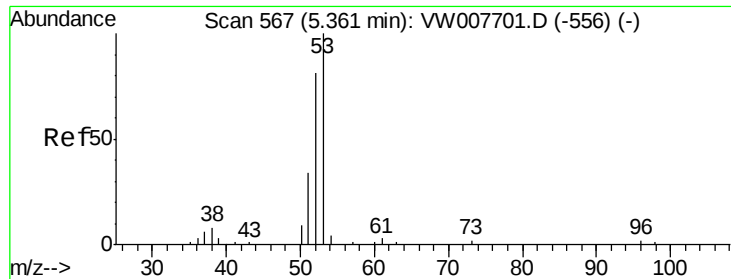
Ion Ratio Lower Upper

41 100

39 80.4 69.5 104.3

76 41.0 34.8 52.2





#15

Acrylonitrile

Concen: 255.046 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

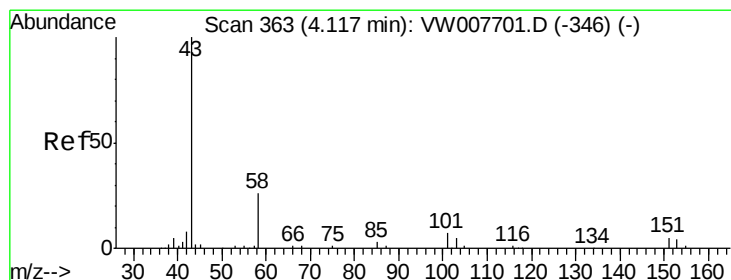
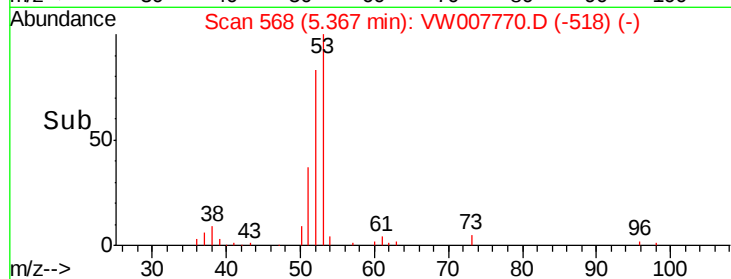
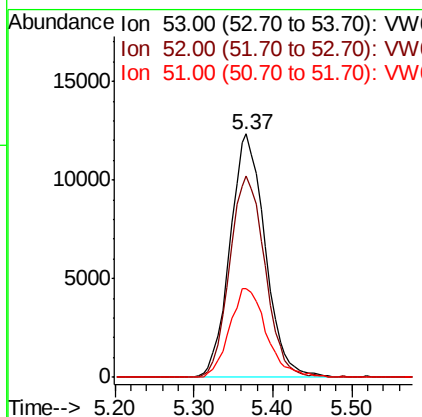
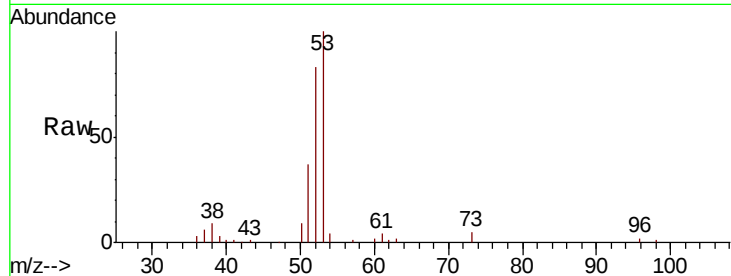
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	38225
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.0	100.4
51	38.3	30.2	45.2

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#16

Acetone

Concen: 212.340 ug/l

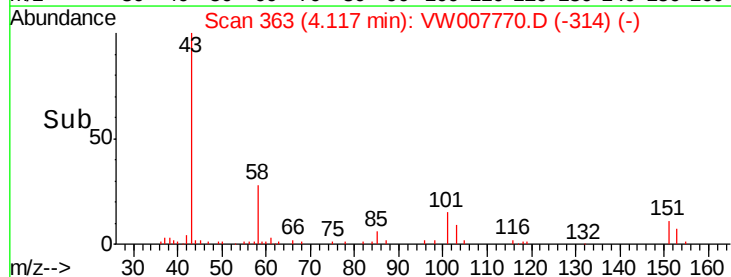
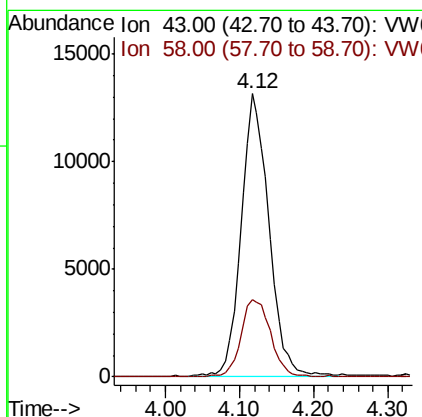
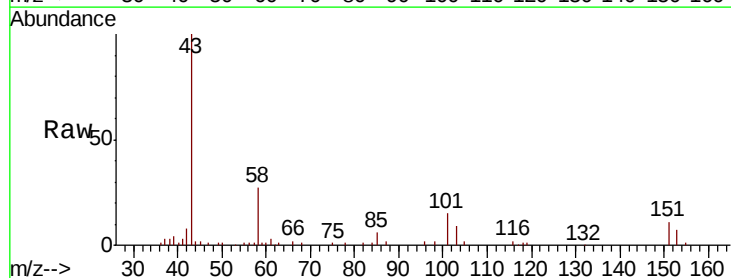
RT: 4.12 min Scan# 363

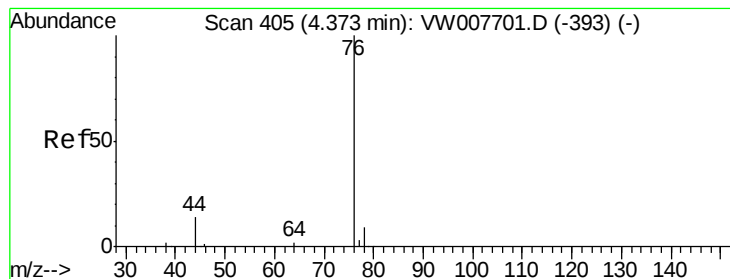
Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion:	43	Resp:	34556
Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.2	31.8





#17

Carbon Disulfide

Concen: 42.311 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 102429

Ion Ratio Lower Upper

76 100

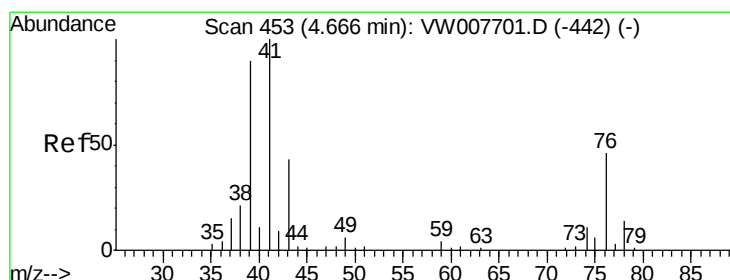
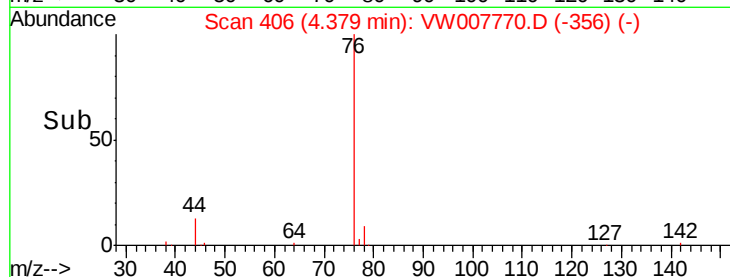
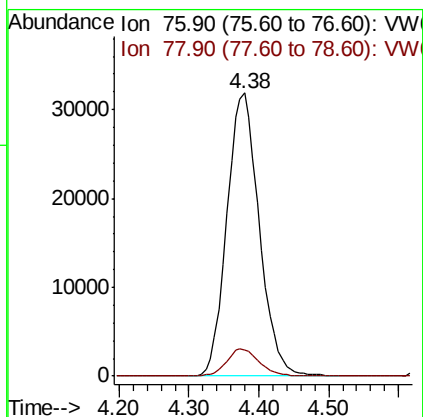
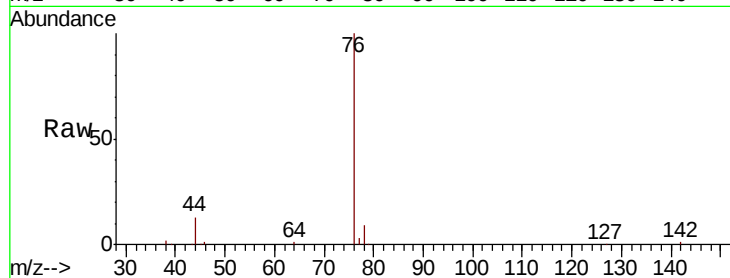
78 9.4 7.3 10.9

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#18

Methyl Acetate

Concen: 56.342 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007770.D

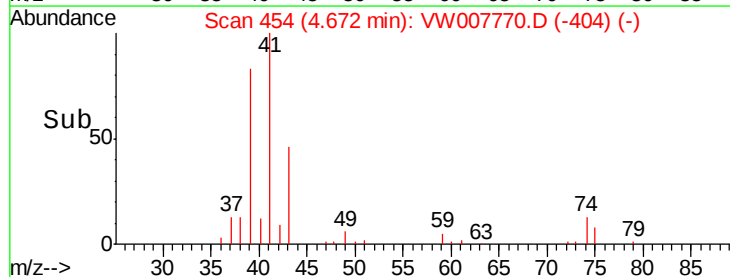
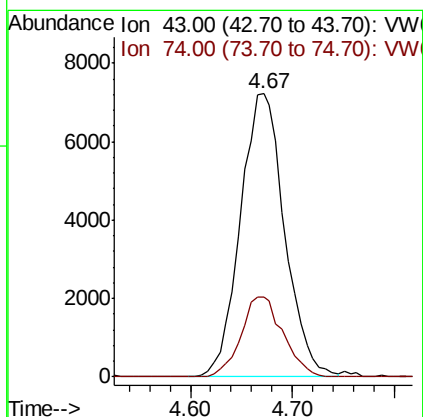
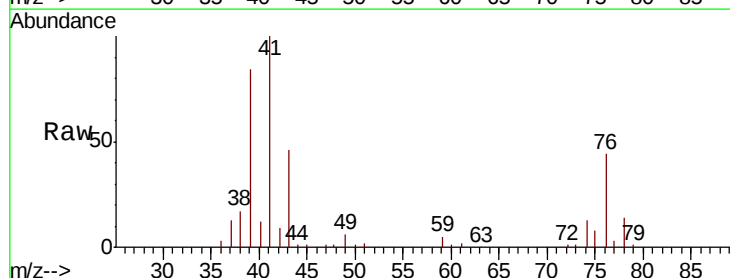
Acq: 21 Dec 2018 01:45

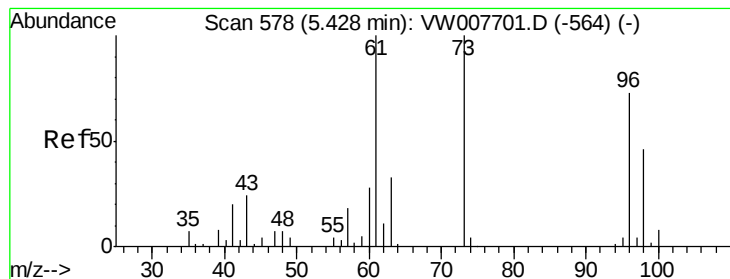
Tgt Ion: 43 Resp: 21806

Ion Ratio Lower Upper

43 100

74 26.9 22.7 34.1





#19

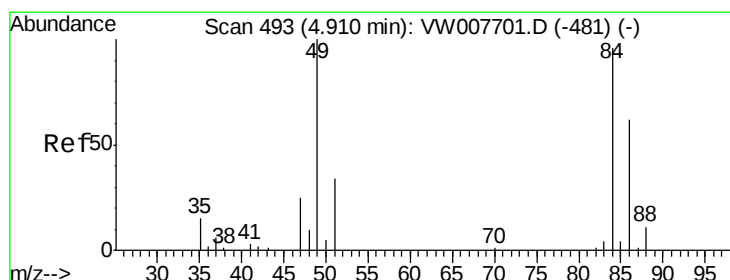
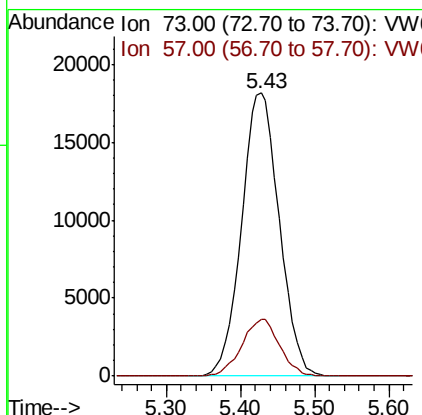
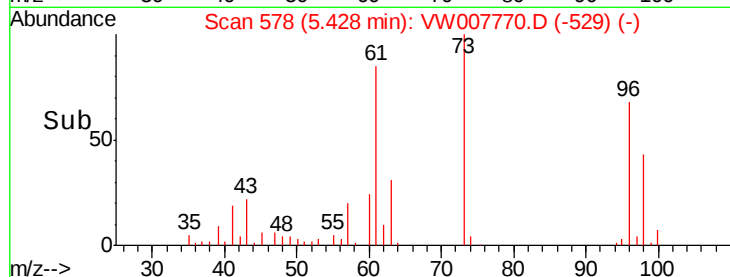
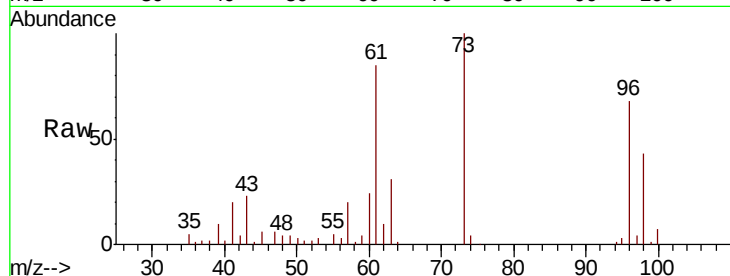
Methyl tert-butyl Ether
 Concen: 57.343 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 64401
 Ion Ratio Lower Upper
 73 100
 57 20.1 14.7 22.1

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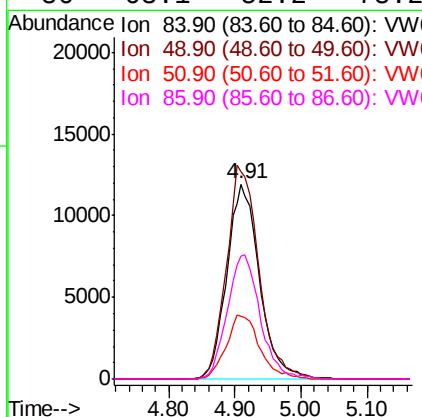
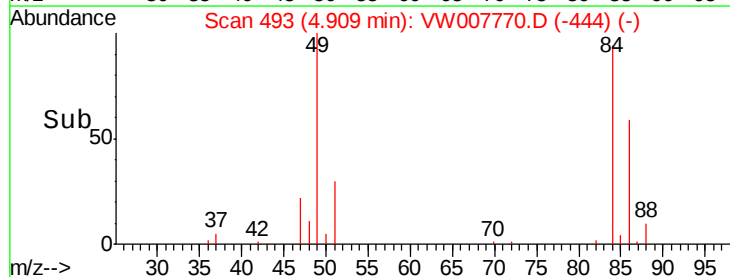
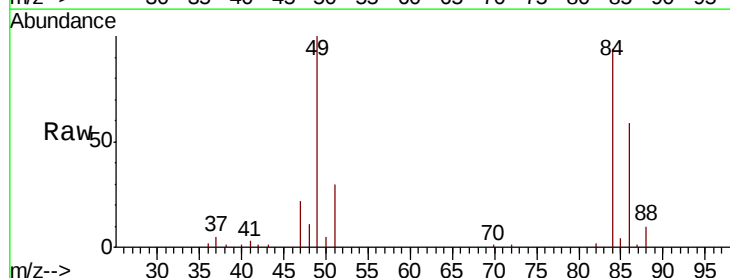
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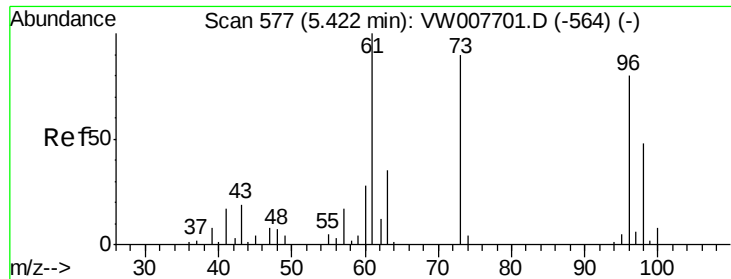


#20

Methylene Chloride
 Concen: 50.063 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 84 Resp: 40737
 Ion Ratio Lower Upper
 84 100
 49 106.5 83.7 125.5
 51 32.1 28.2 42.2
 86 63.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.607 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 39239

Ion Ratio Lower Upper

96 100

61 129.8 100.1 150.1

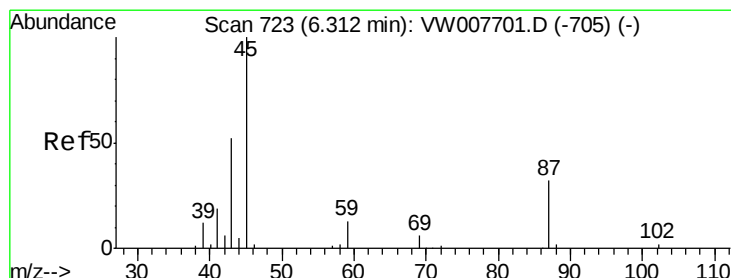
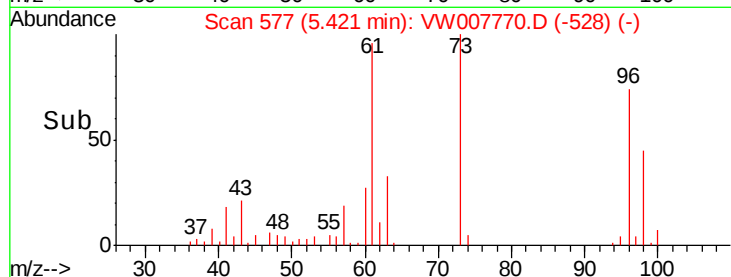
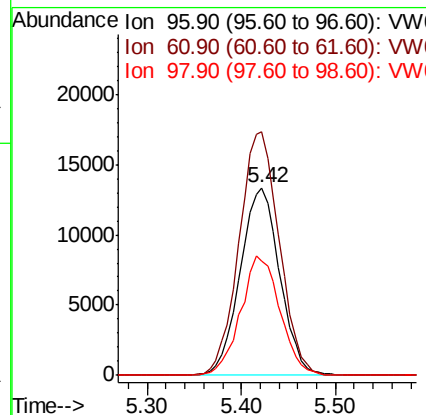
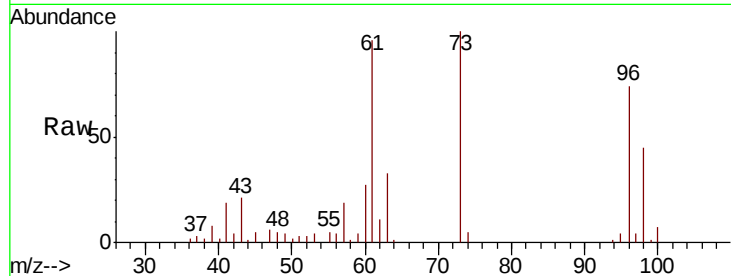
98 60.7 48.5 72.7

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#22

Diisopropyl ether

Concen: 53.689 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 45 Resp: 103131

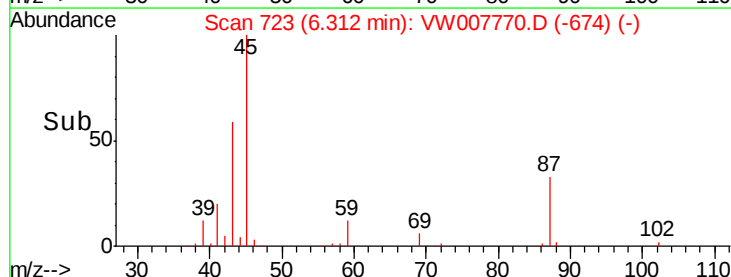
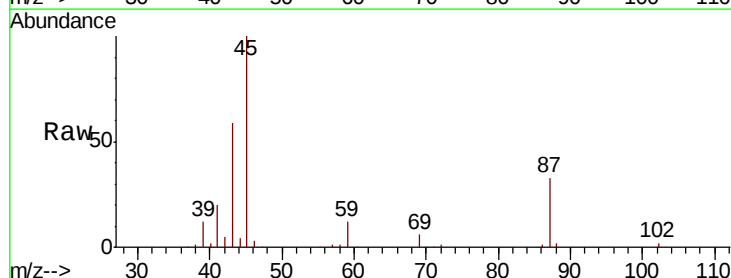
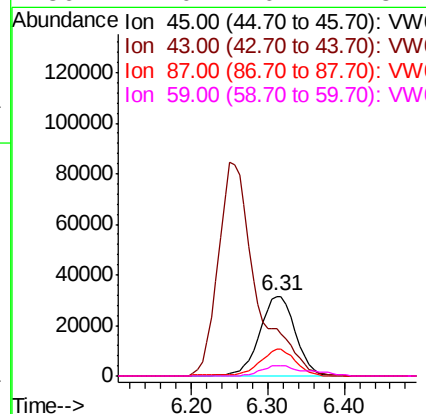
Ion Ratio Lower Upper

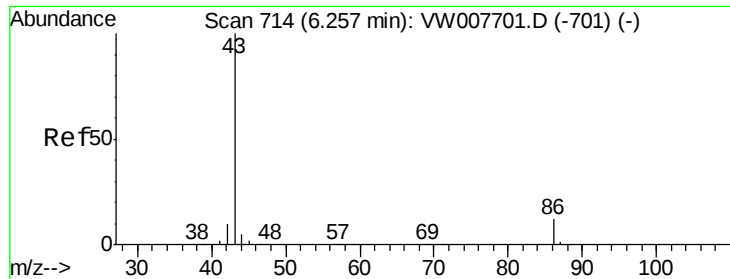
45 100

43 58.4 43.7 65.5

87 33.1 26.6 40.0

59 12.0 10.2 15.2





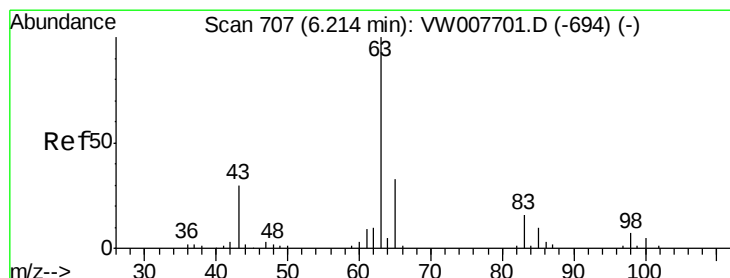
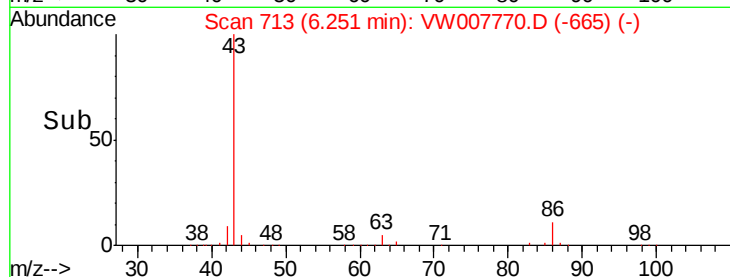
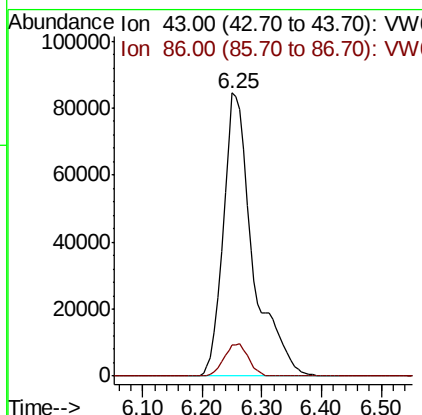
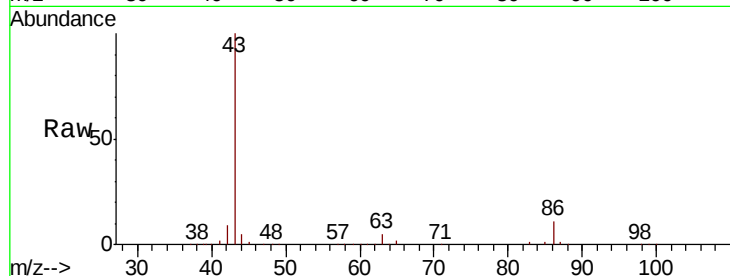
#23
 Vinyl Acetate
 Concen: 254.398 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 290336
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.6 14.4

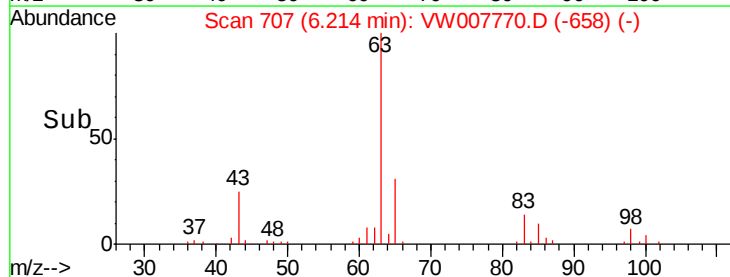
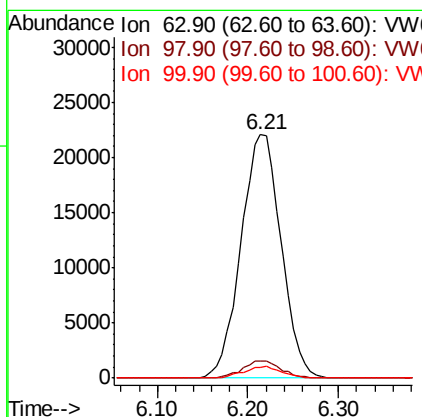
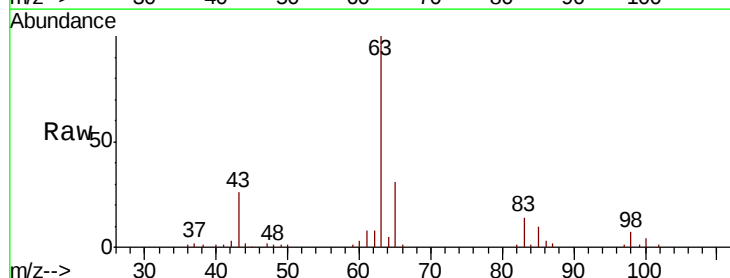
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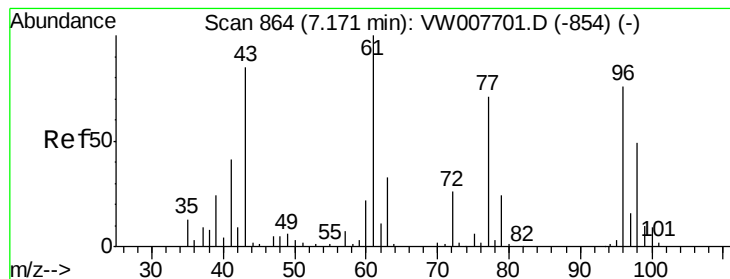
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#24
 1,1-Dichloroethane
 Concen: 47.814 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 63 Resp: 67568
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 244.735 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 46650

Ion Ratio Lower Upper

43 100

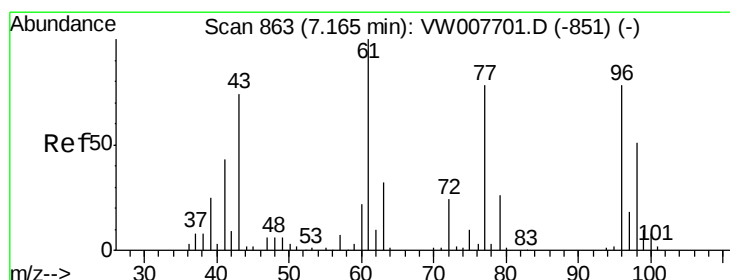
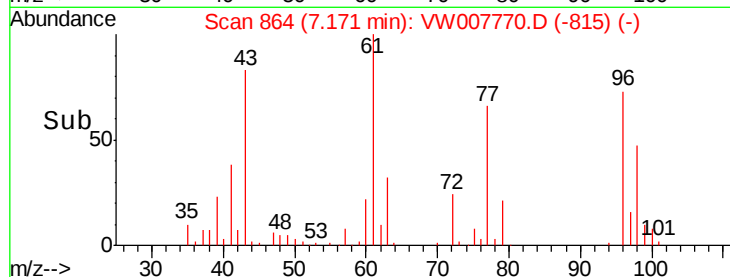
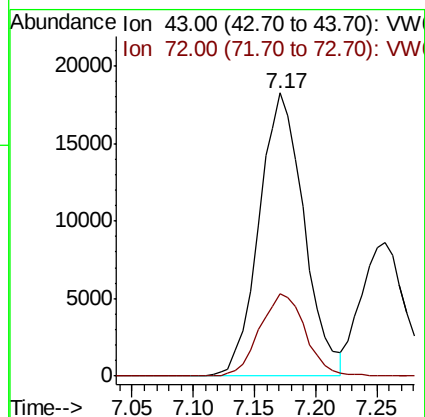
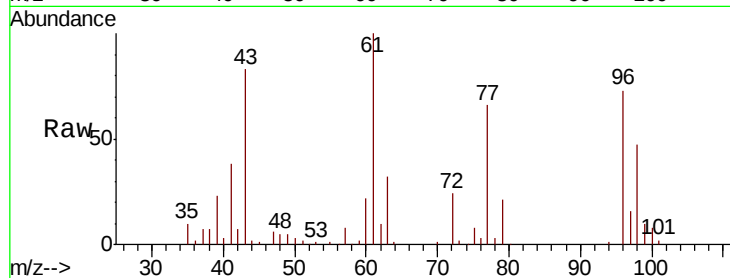
72 29.0 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 42.529 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007770.D

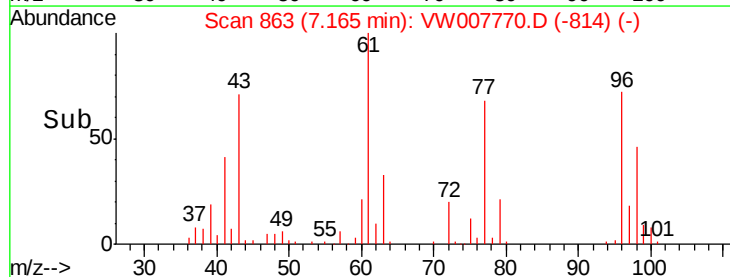
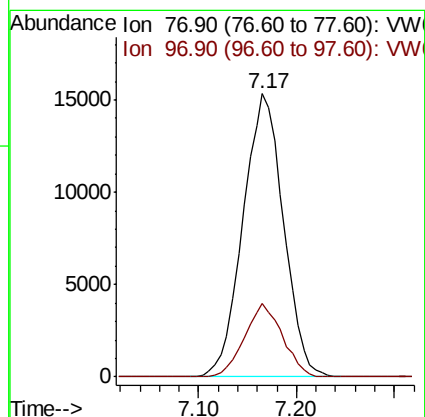
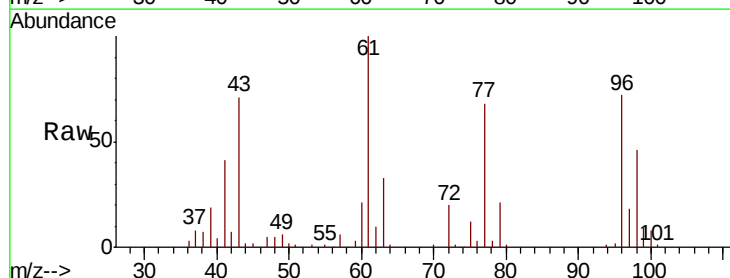
Acq: 21 Dec 2018 01:45

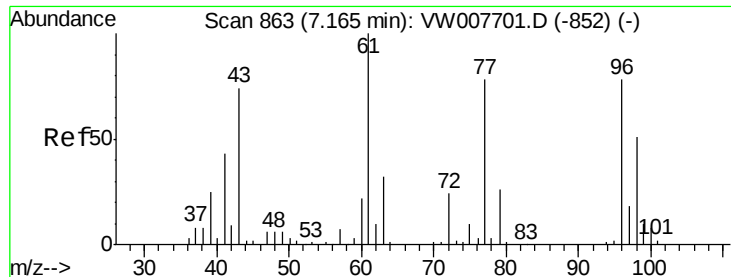
Tgt Ion: 77 Resp: 43978

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.9





#27

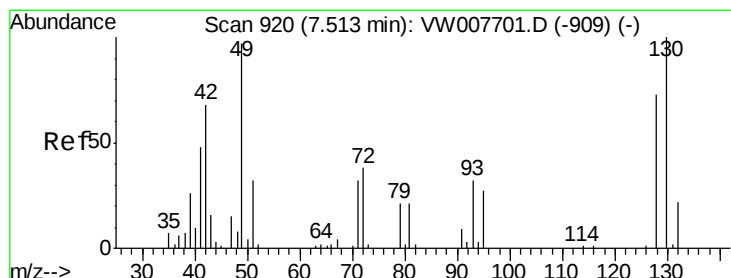
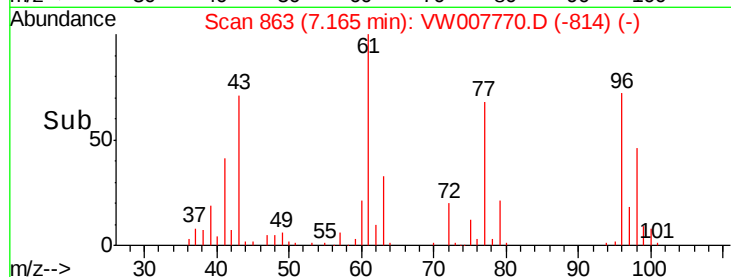
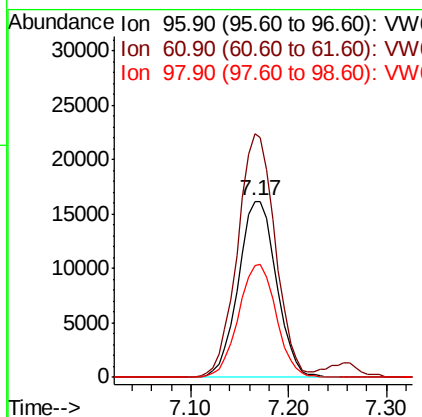
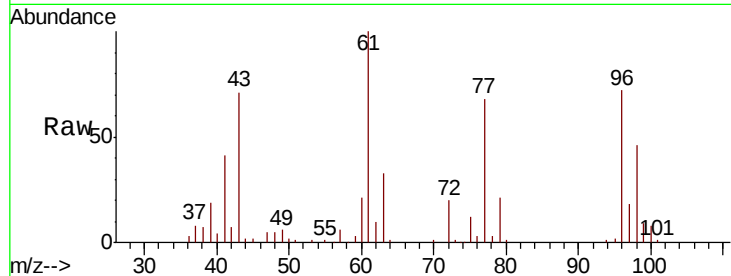
cis-1,2-Dichloroethene
Concen: 47.634 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	271.6
98	63.5	0.0	131.2

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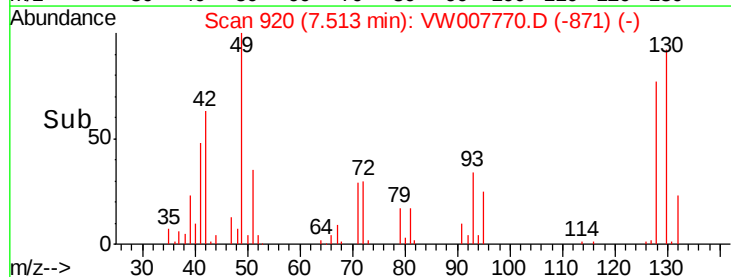
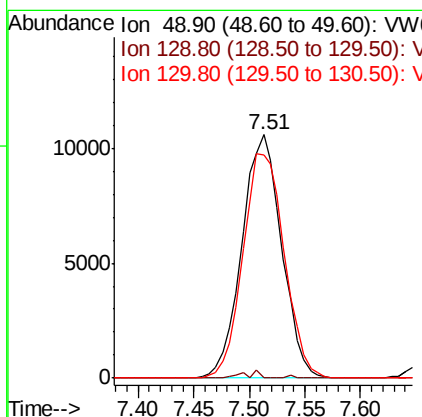
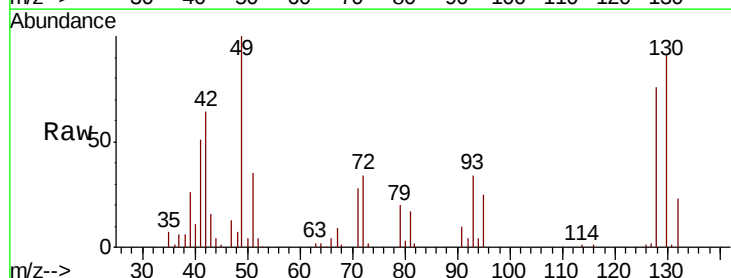
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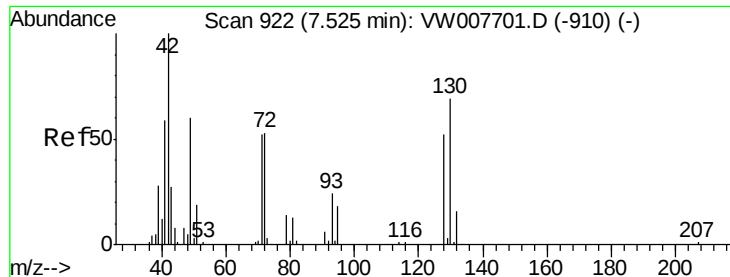


#28

Bromochloromethane
Concen: 54.569 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.2
130	96.0	81.5	122.3





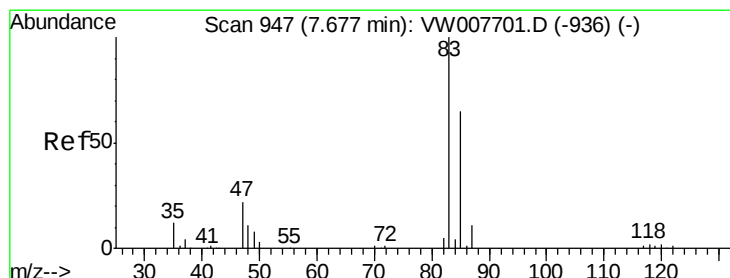
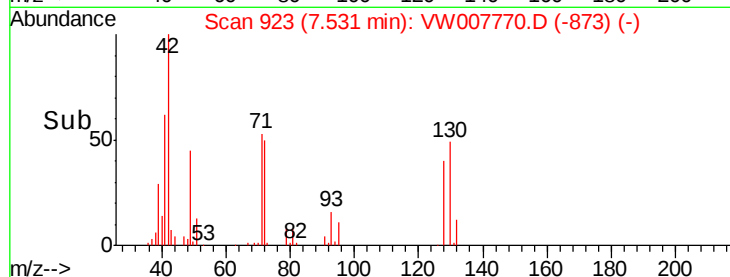
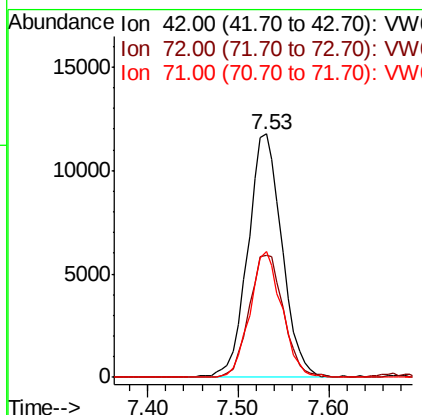
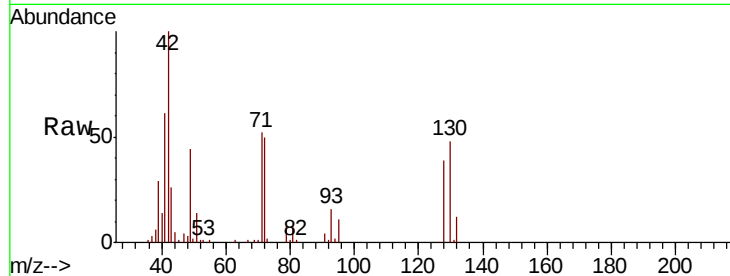
#29
Tetrahydrofuran
Concen: 269.264 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.5	41.7	62.5
71	48.4	39.0	58.6

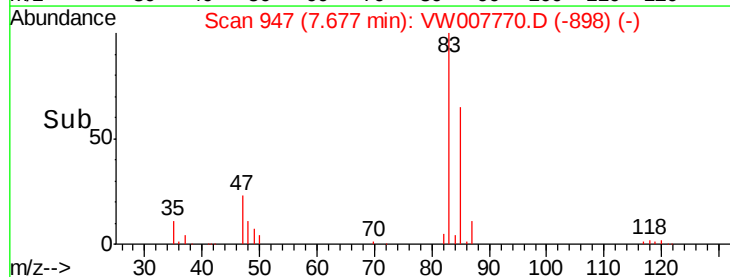
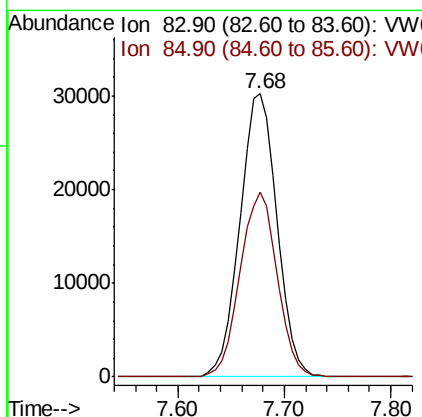
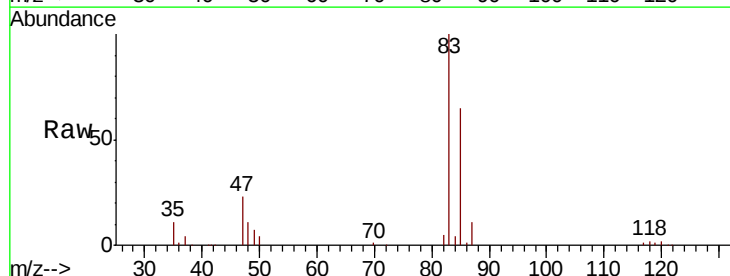
Manual Integrations
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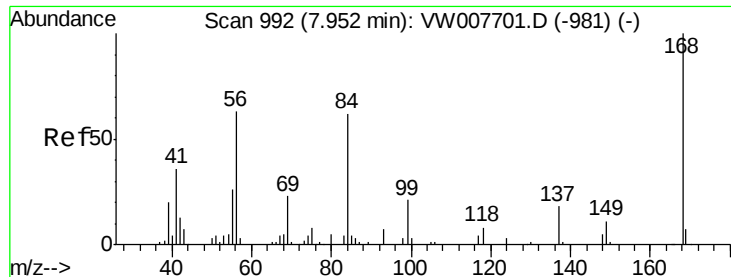
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#30
Chloroform
Concen: 46.329 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.2





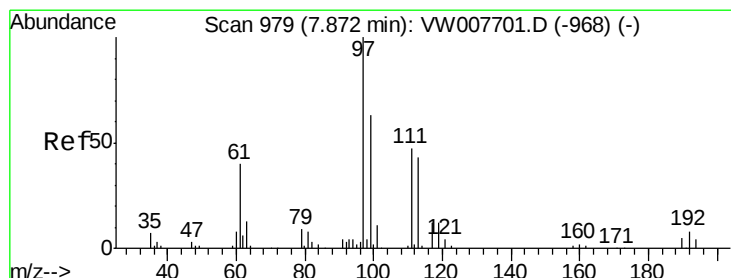
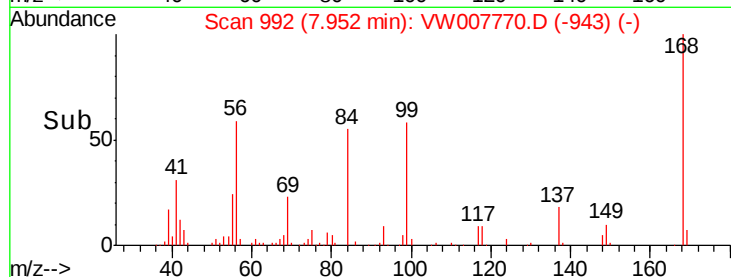
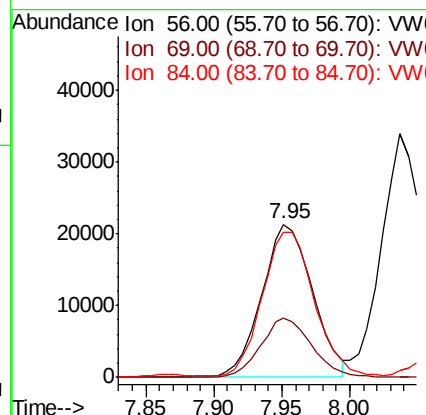
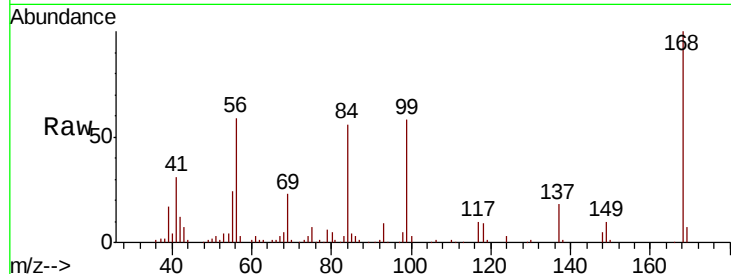
#31
Cyclohexane
Concen: 42.853 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.4	29.7	44.5
84	93.4	78.9	118.3

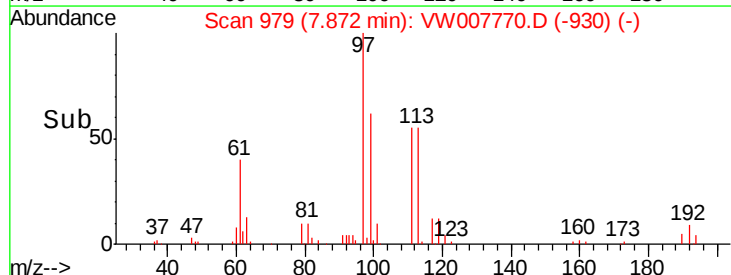
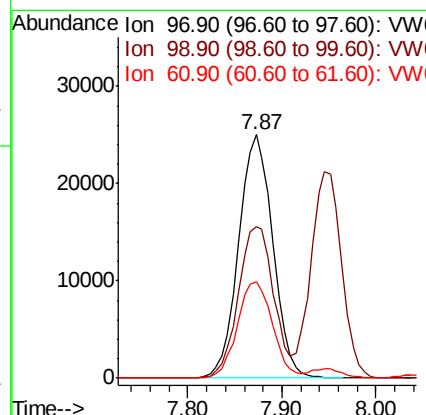
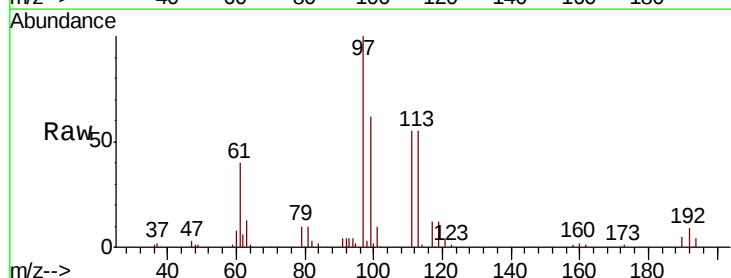
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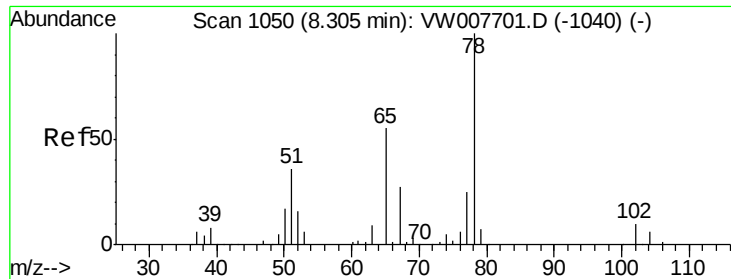
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#32
1,1,1-Trichloroethane
Concen: 43.233 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	40.7	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 54.505 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 47368

Ion Ratio Lower Upper

65 100

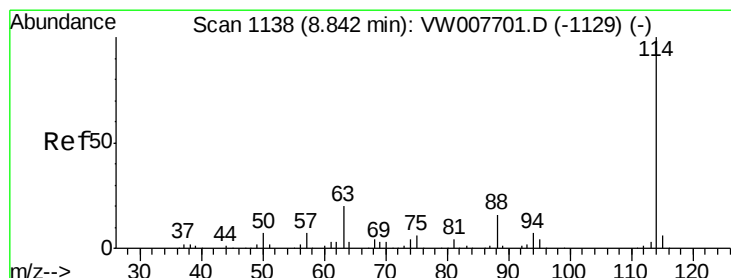
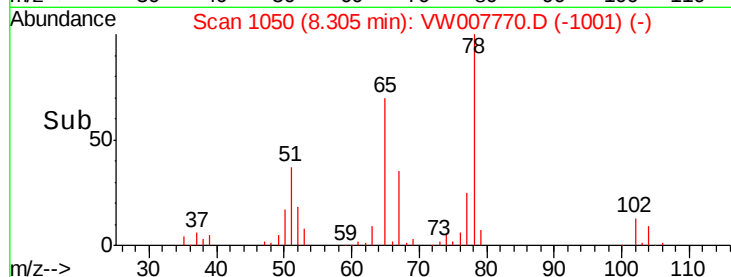
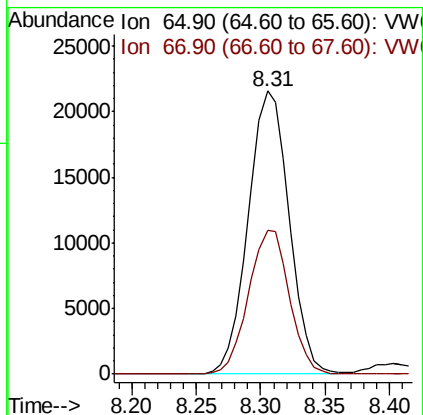
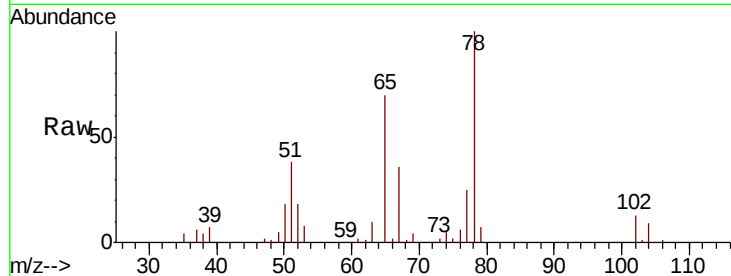
67 50.5 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

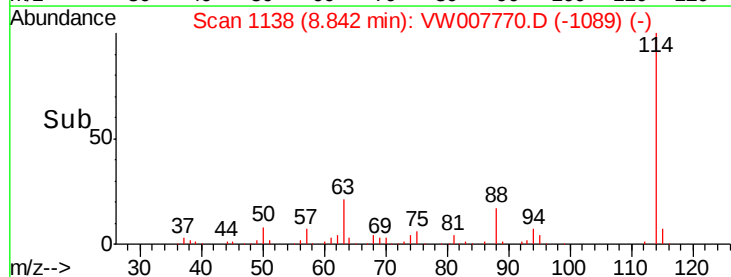
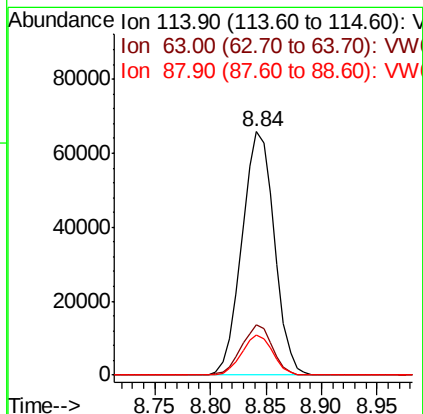
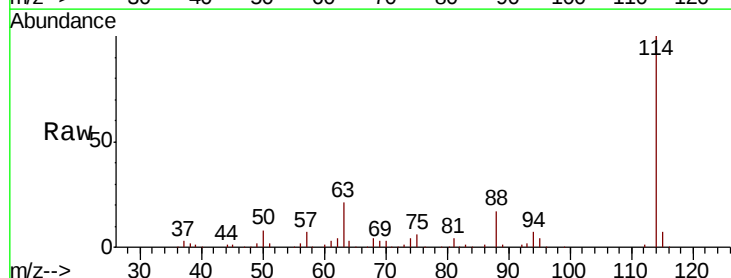
Tgt Ion: 114 Resp: 132951

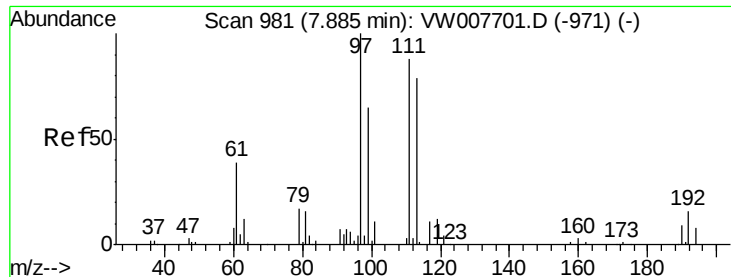
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.6 0.0 32.6





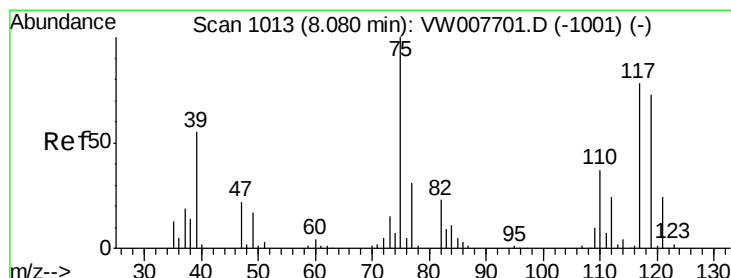
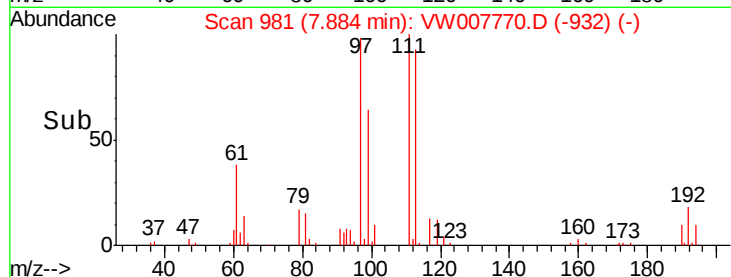
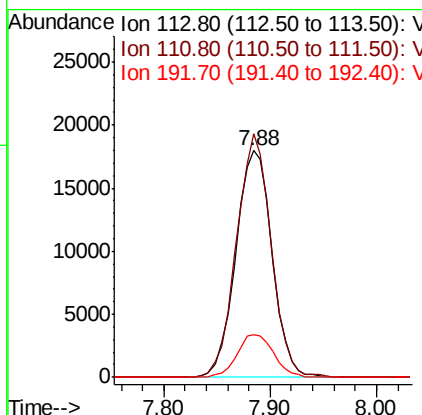
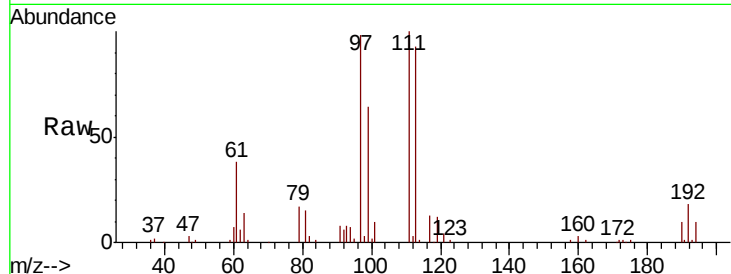
#35
Dibromofluoromethane
Concen: 52.954 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	42949		
111	102.9	82.6	124.0	
192	19.0	15.5	23.3	

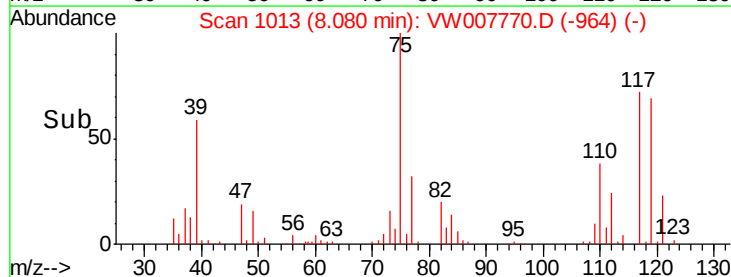
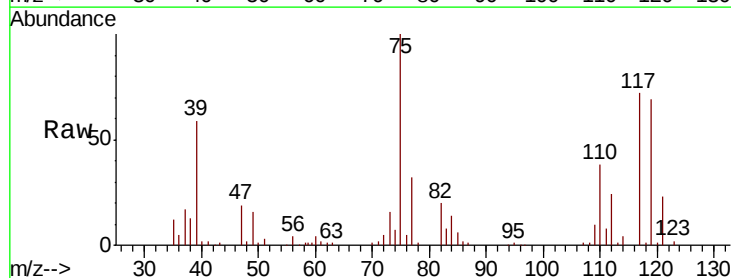
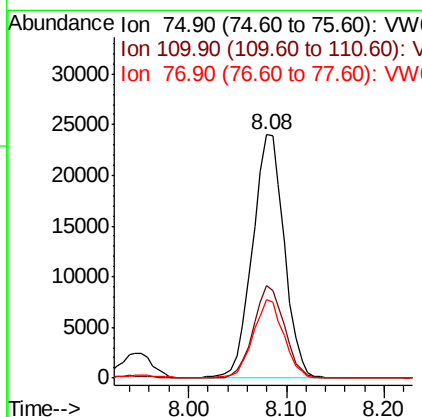
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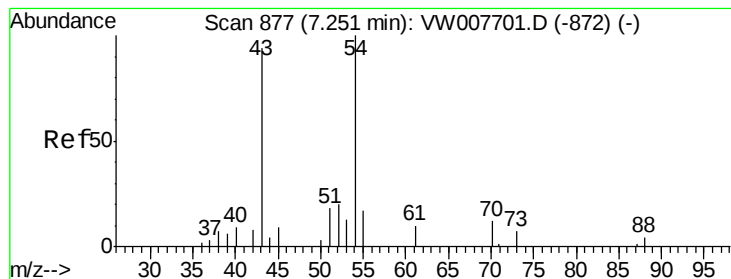
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#36
1,1-Dichloropropene
Concen: 42.418 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54431		
110	37.0	18.6	55.8	
77	31.1	25.0	37.4	





#37

Ethyl Acetate

Concen: 49.684 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 22003

Ion Ratio Lower Upper

43 100

61 14.4 11.2 16.8

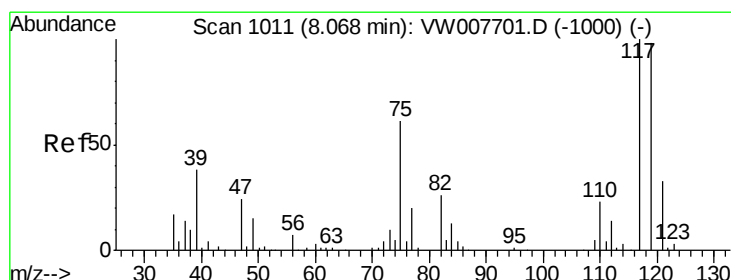
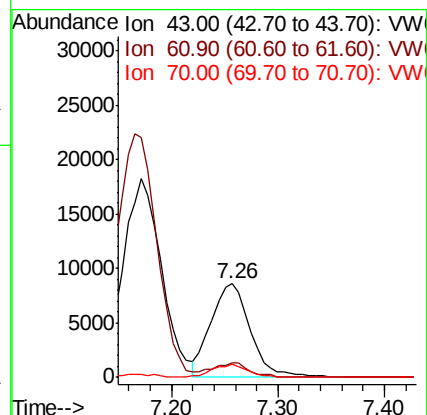
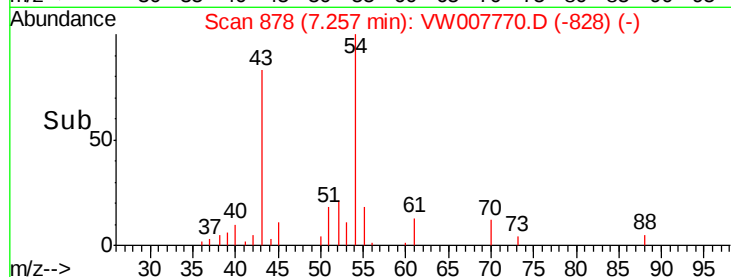
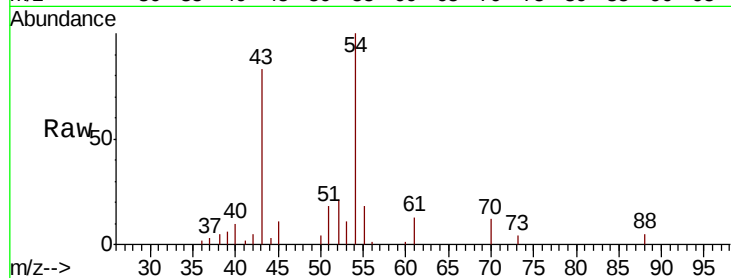
70 12.4 9.3 13.9

Manual Integrations

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#38

Carbon Tetrachloride

Concen: 37.630 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

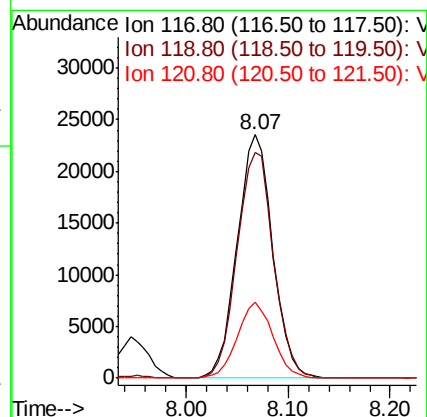
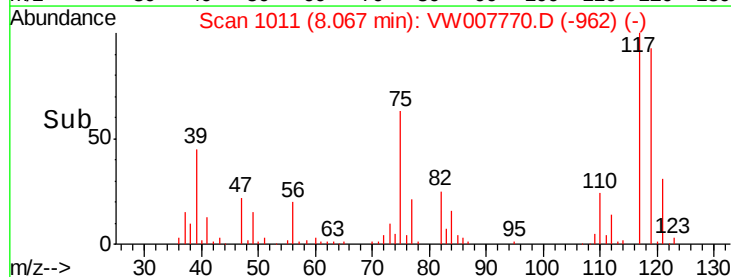
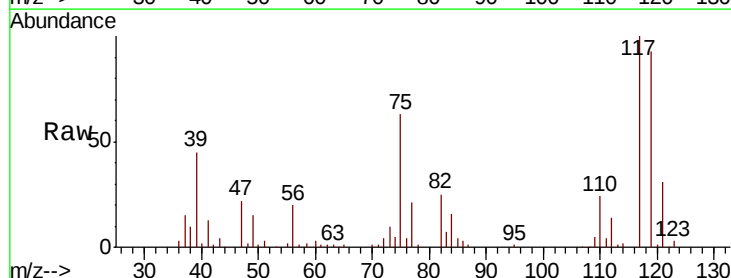
Tgt Ion: 117 Resp: 56867

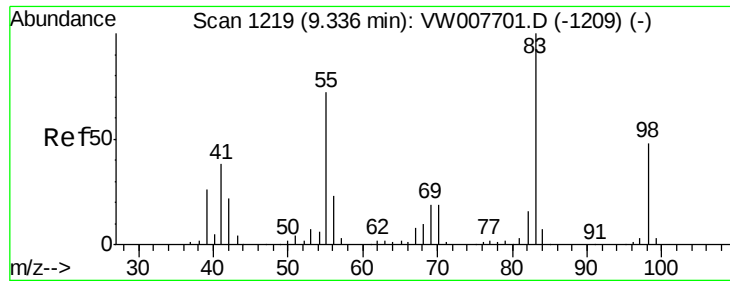
Ion Ratio Lower Upper

117 100

119 92.6 78.2 117.2

121 31.1 26.1 39.1





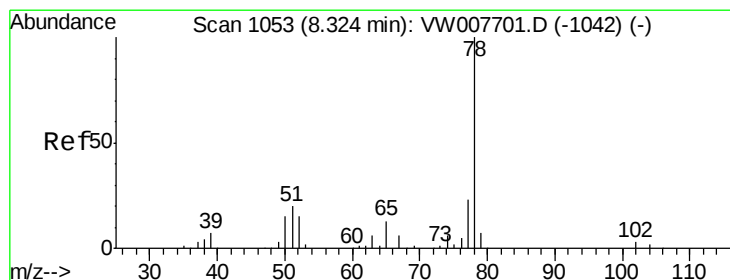
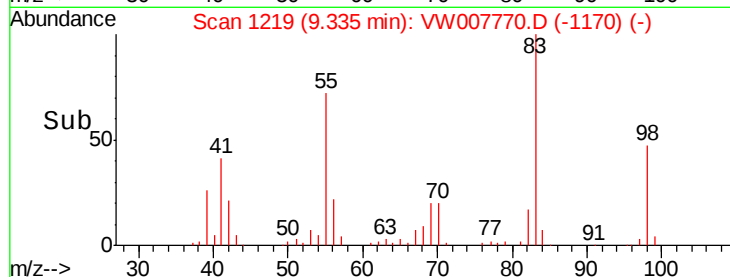
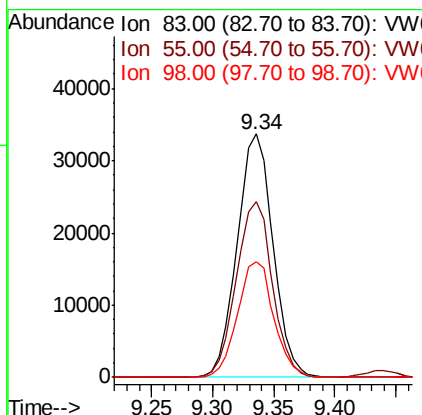
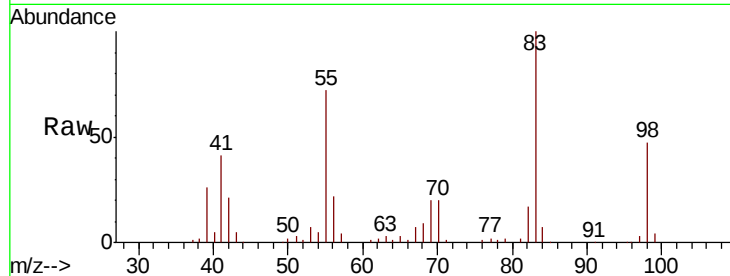
#39
Methylcyclohexane
Concen: 43.038 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.2	85.8
98	47.5	38.6	58.0

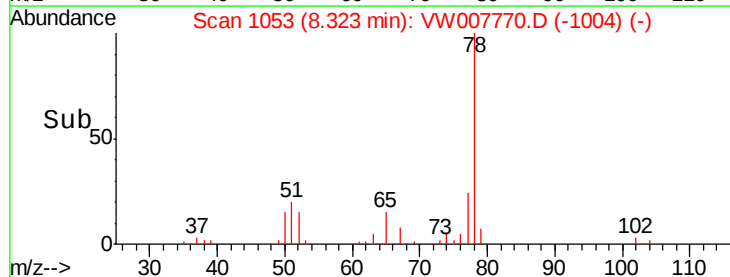
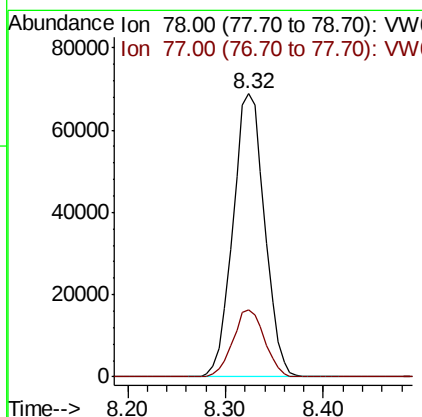
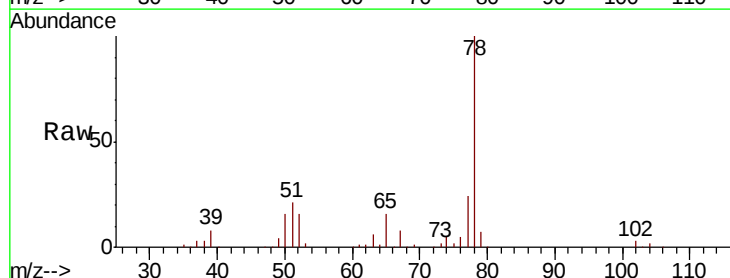
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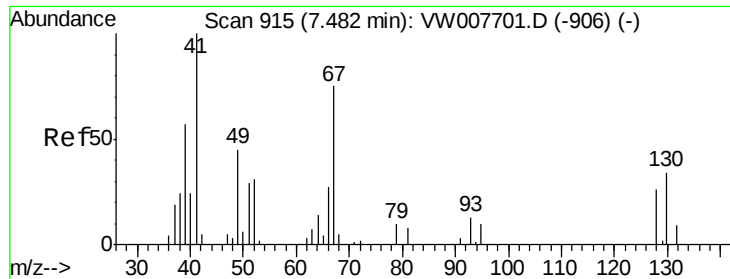
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#40
Benzene
Concen: 45.159 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





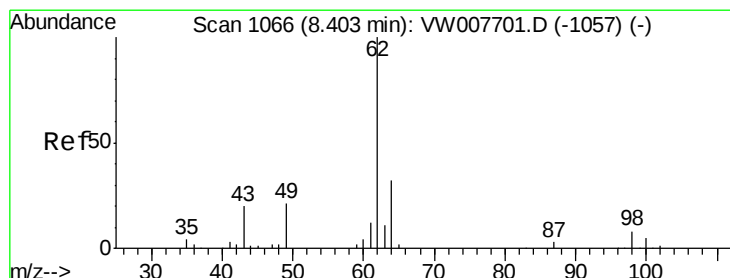
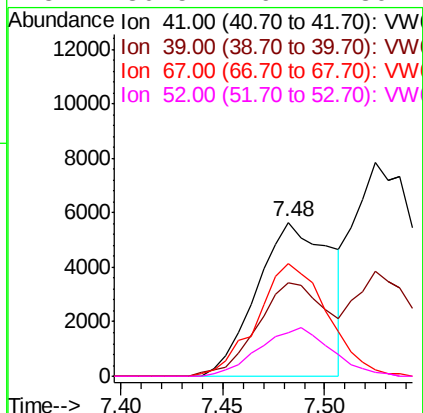
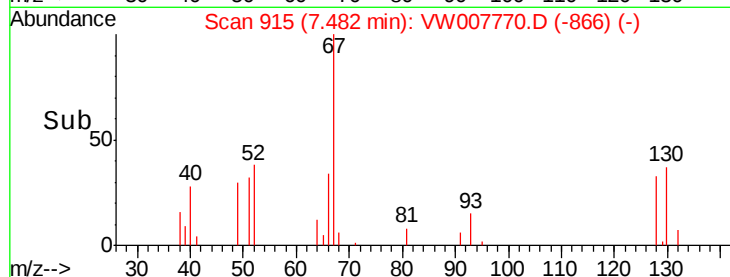
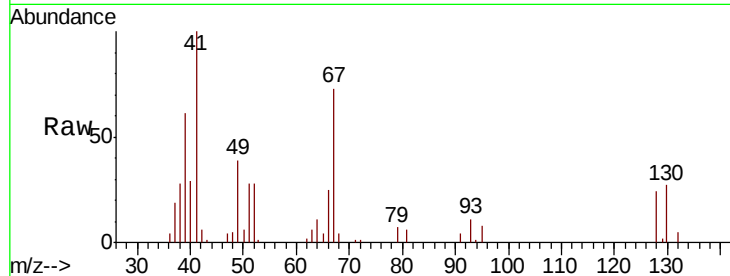
#41
Methacrylonitrile
Concen: 56.862 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	14297
Ion	Ratio	Lower	Upper
41	100		
39	57.8	54.2	81.4
67	69.7	65.7	98.5
52	30.5	26.2	39.4

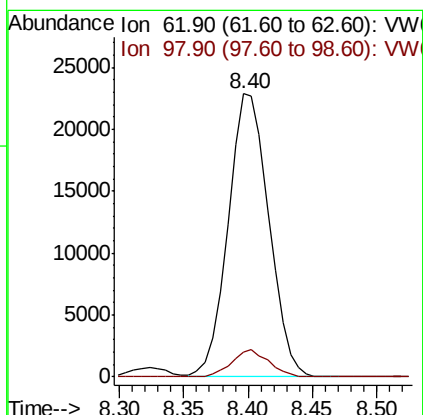
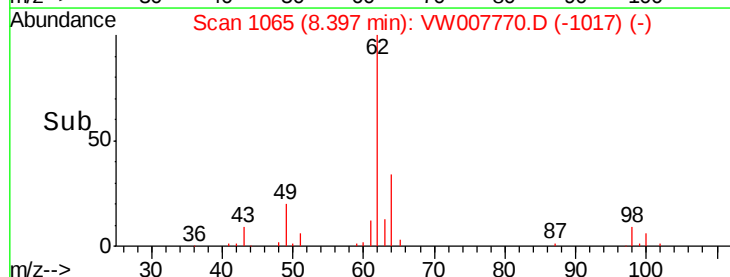
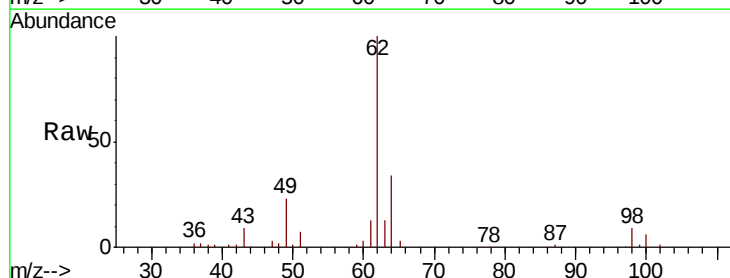
Manual Integrations
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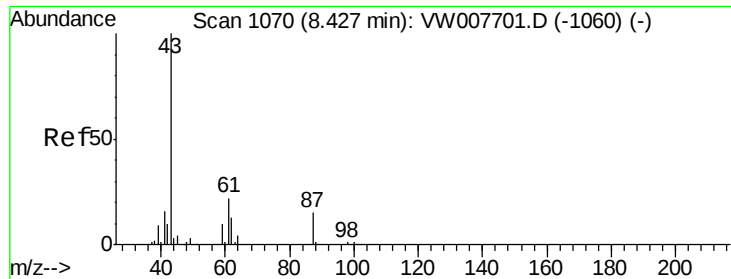
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#42
1,2-Dichloroethane
Concen: 43.780 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:	62	Resp:	50239
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.830 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

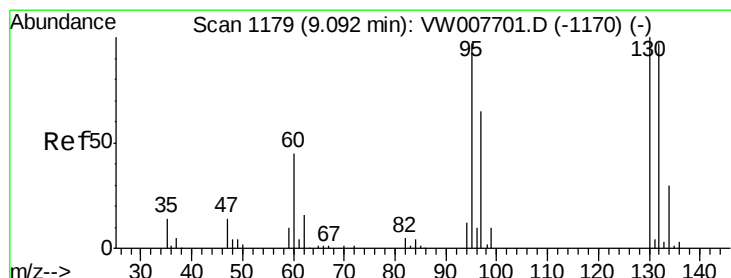
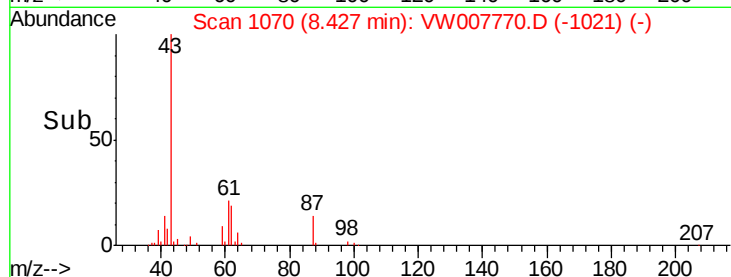
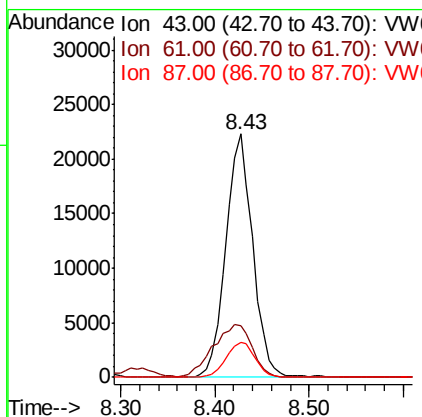
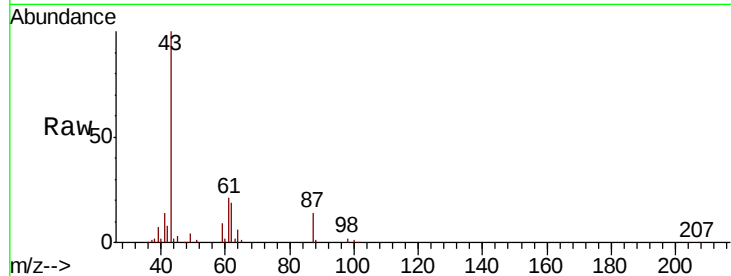
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	44211
Ion	Ratio	Lower	Upper
43	100		
61	31.5	26.3	39.5
87	15.5	12.0	18.0

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#44

Trichloroethene

Concen: 43.334 ug/l

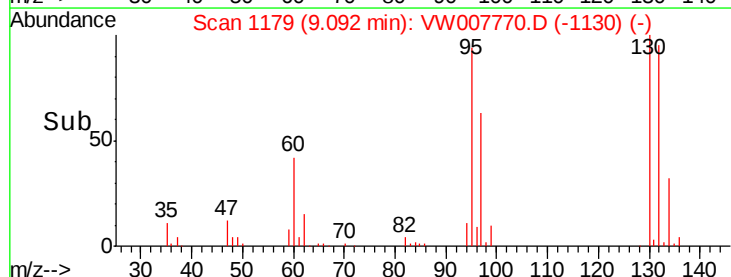
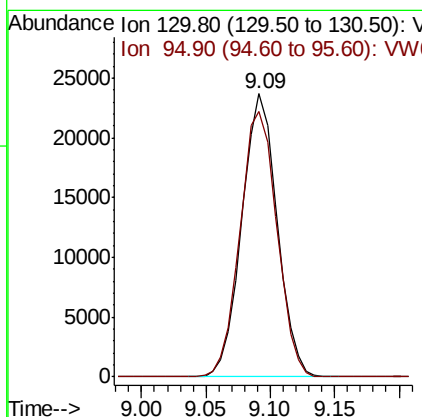
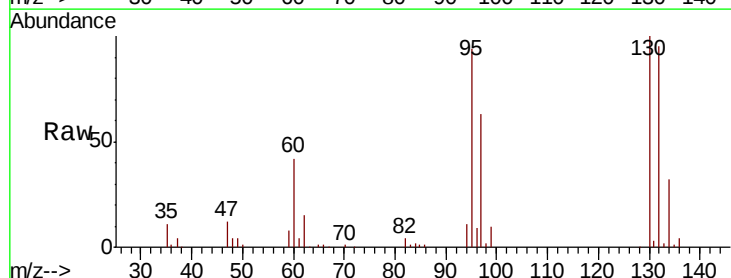
RT: 9.09 min Scan# 1179

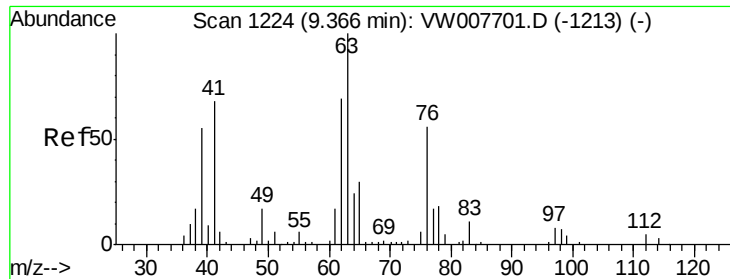
Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion:	130	Resp:	44874
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	194.8





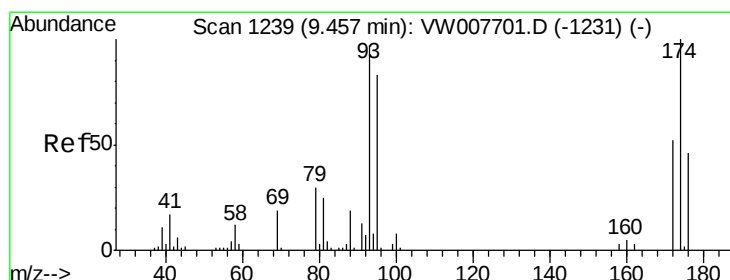
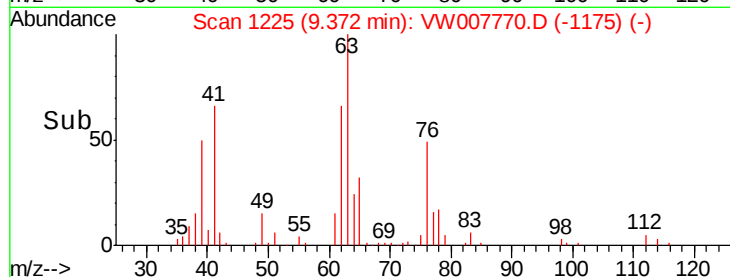
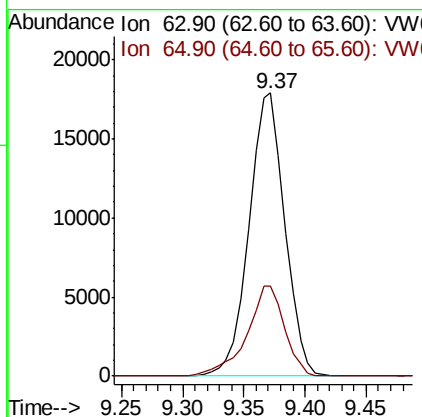
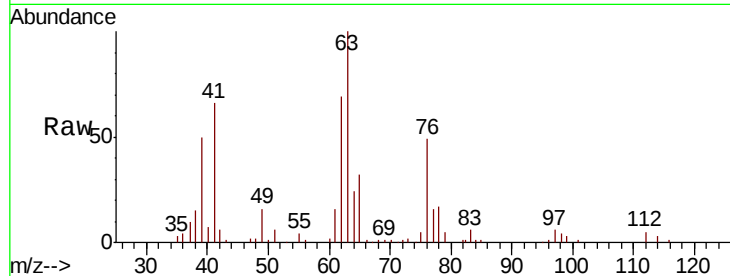
#45
 1,2-Dichloropropane
 Concen: 47.885 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 36383
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.8 35.8

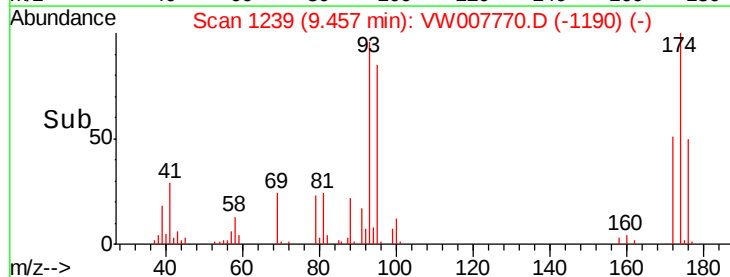
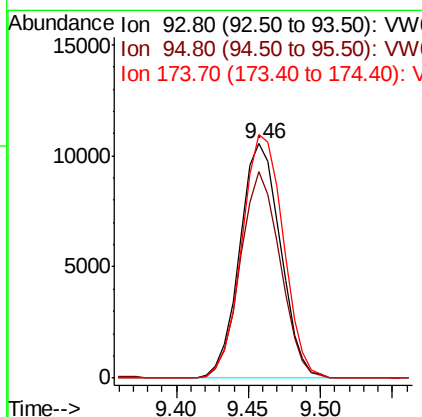
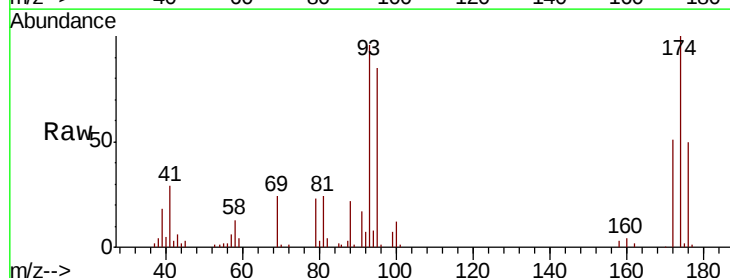
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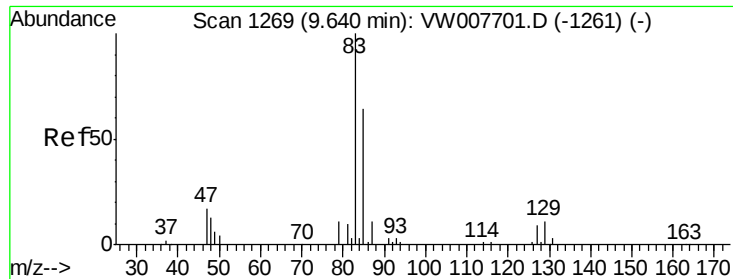
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#46
 Dibromomethane
 Concen: 44.290 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 93 Resp: 20715
 Ion Ratio Lower Upper
 93 100
 95 85.8 67.5 101.3
 174 105.4 83.9 125.9





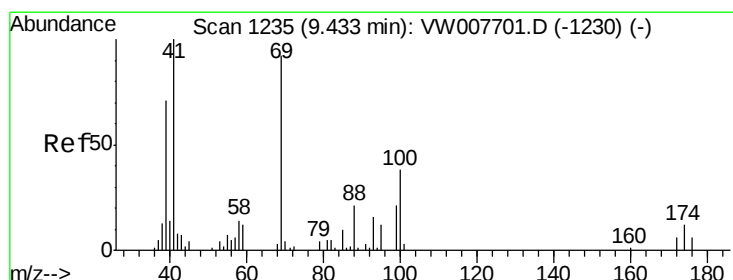
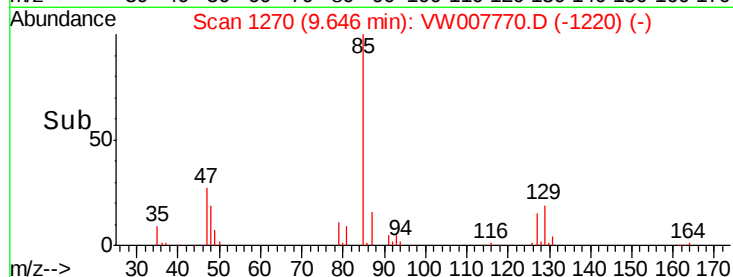
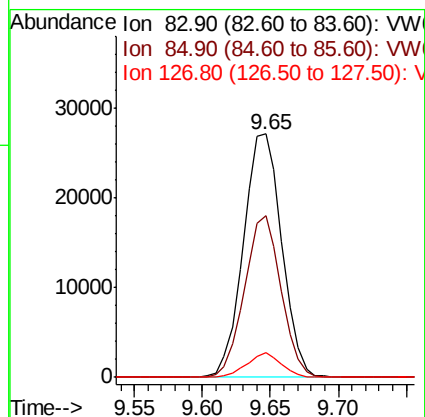
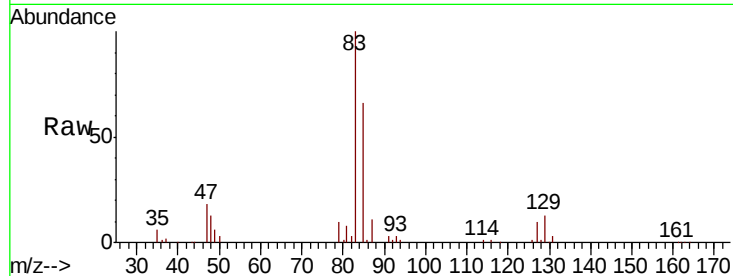
#47
Bromodichloromethane
Concen: 43.517 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	53508		
85	66.2		51.4	77.0
127	10.0		7.5	11.3

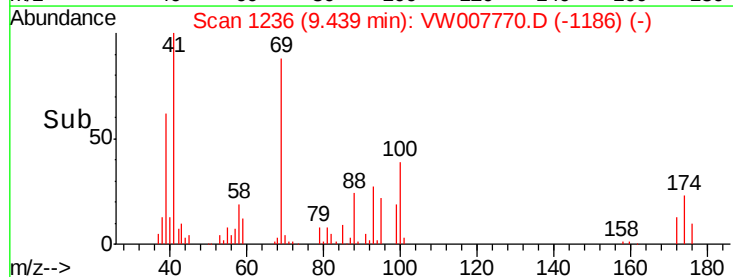
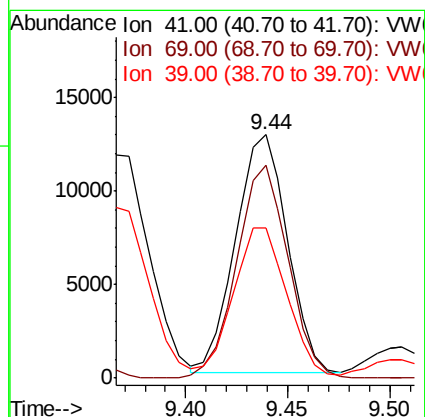
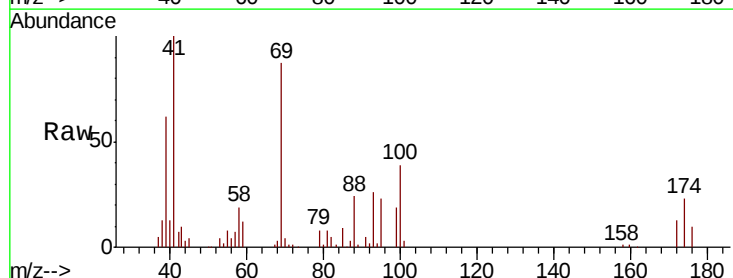
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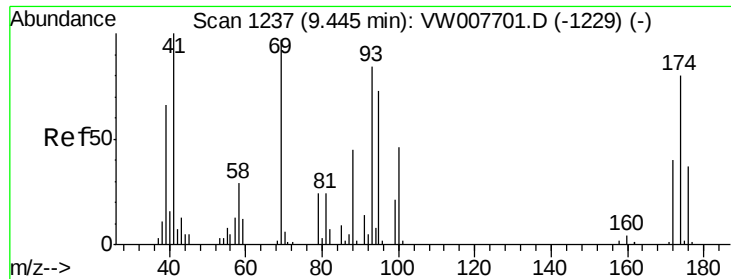
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#48
Methyl methacrylate
Concen: 50.541 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	22383		
69	89.3		74.2	111.2
39	66.5		53.9	80.9





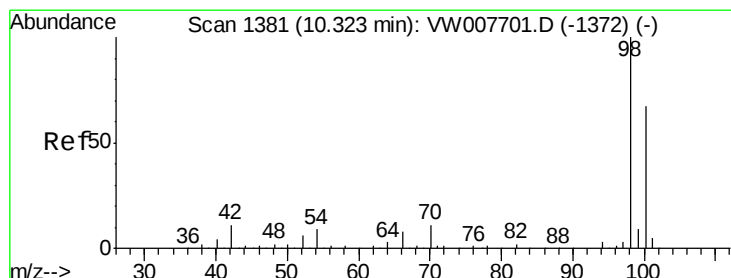
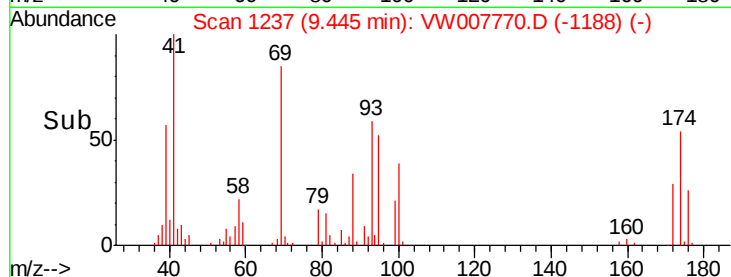
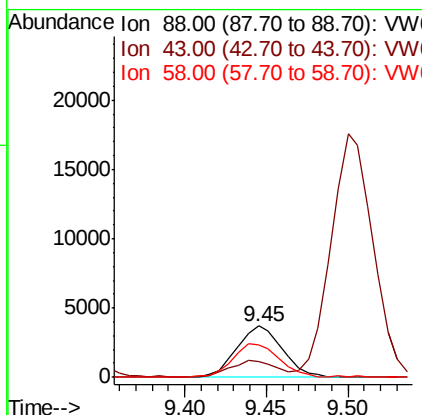
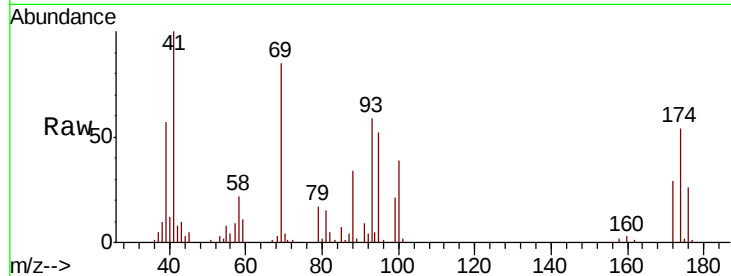
#49
 1,4-Dioxane
 Concen: 971.894 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 7207
 Ion Ratio Lower Upper
 88 100
 43 33.3 25.6 38.4
 58 66.7 52.3 78.5

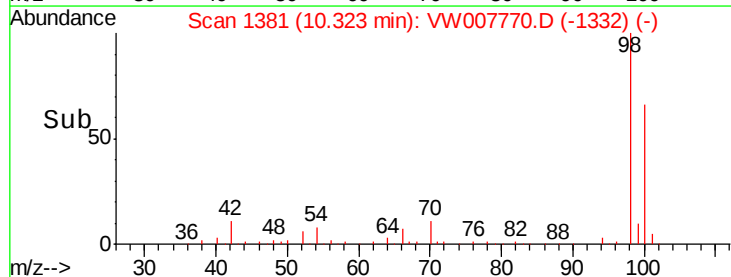
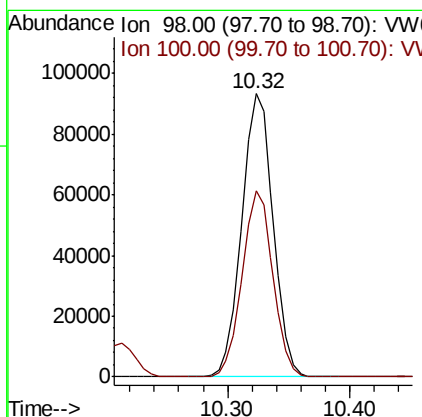
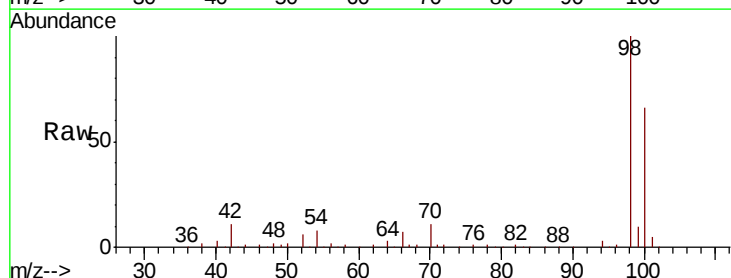
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#50
 Toluene-d8
 Concen: 54.220 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 98 Resp: 165783
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.2 78.2





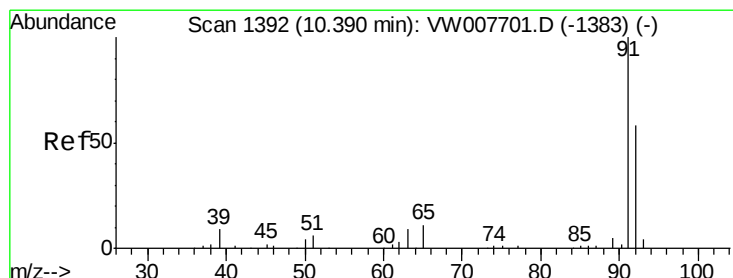
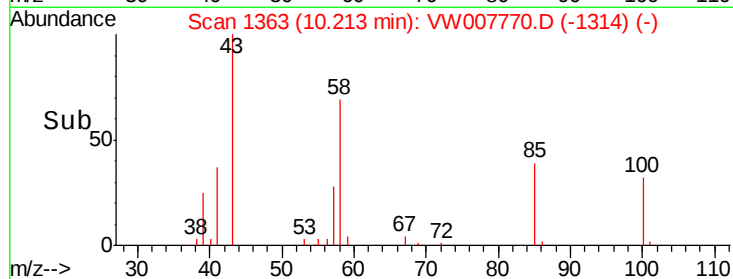
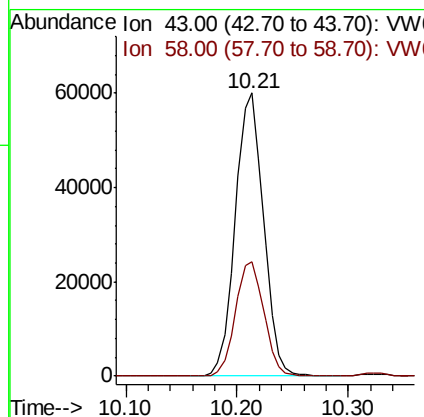
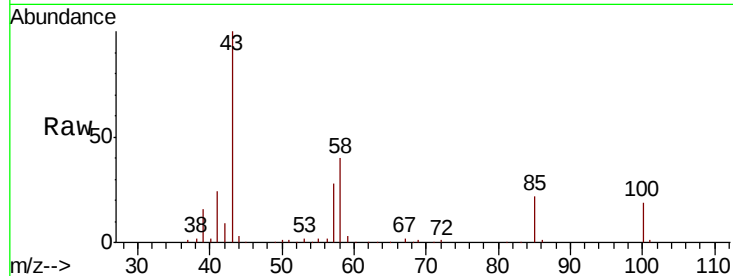
#51
 4-Methyl-2-Pentanone
 Concen: 251.755 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 105563
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.2 49.8

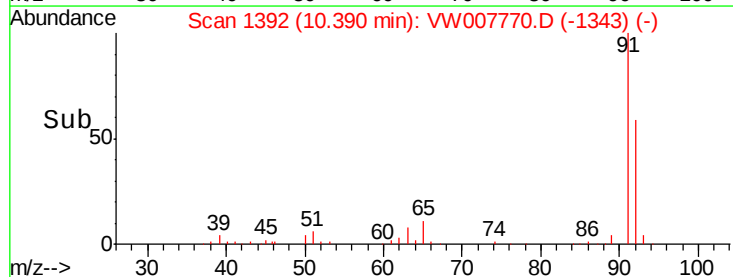
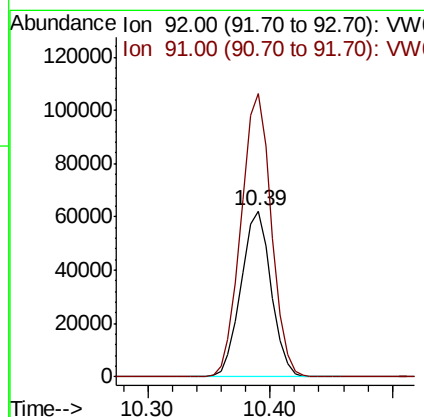
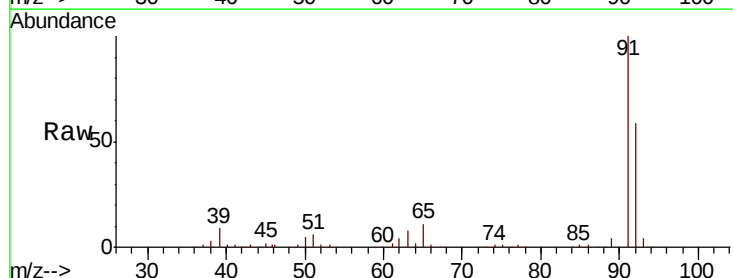
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#52
 Toluene
 Concen: 46.184 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 92 Resp: 106105
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.0 205.4





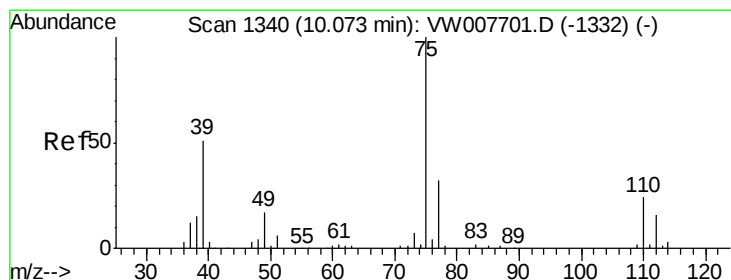
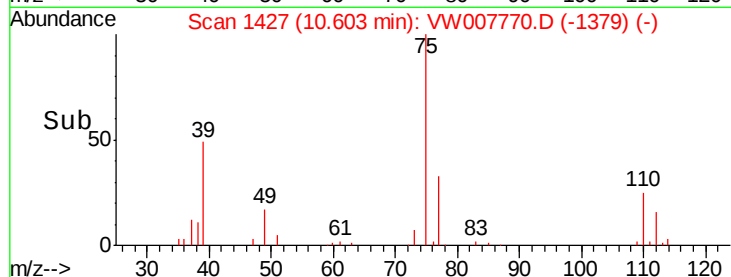
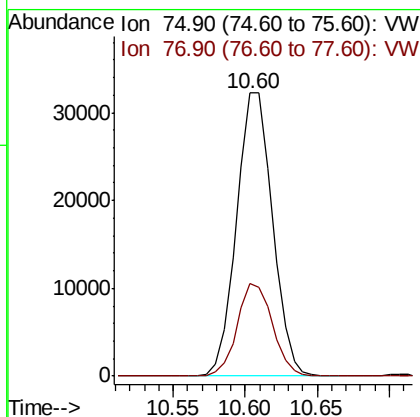
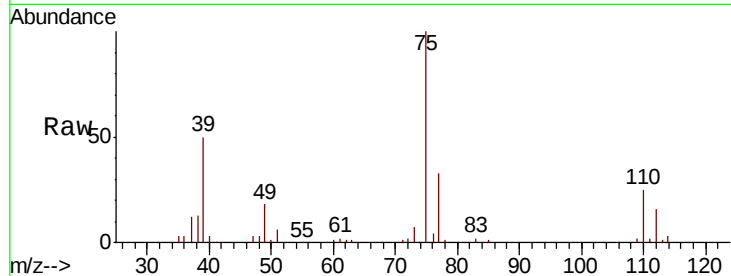
#53
 t-1,3-Dichloropropene
 Concen: 45.758 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 55963
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8

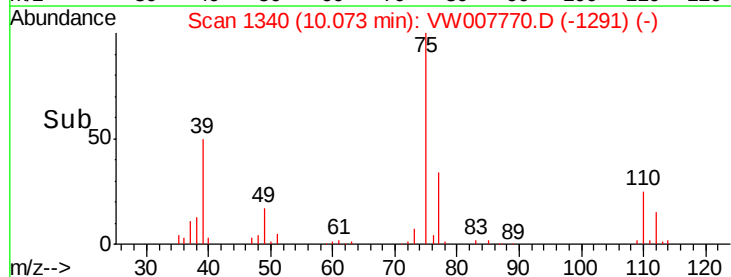
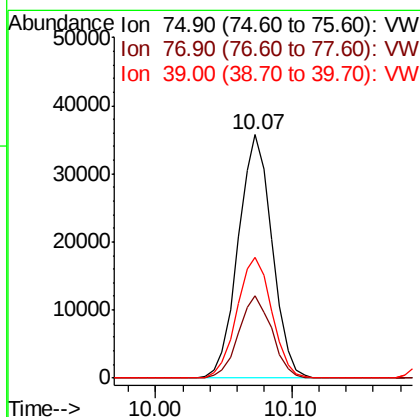
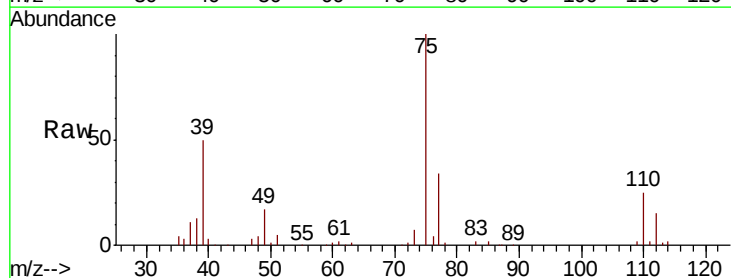
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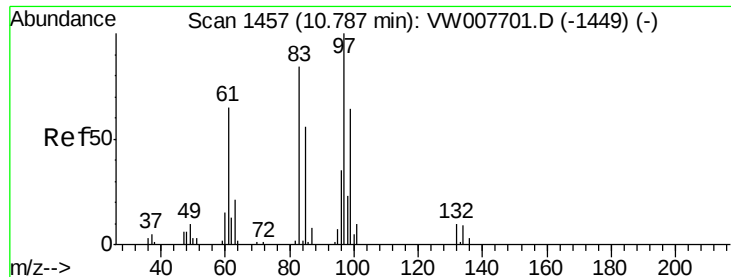
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#54
 cis-1,3-Dichloropropene
 Concen: 45.960 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 75 Resp: 62089
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3
 39 49.8 41.2 61.8





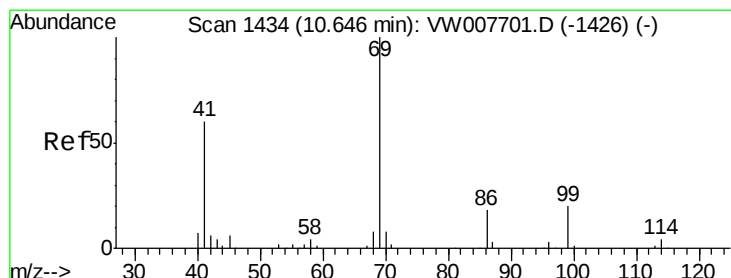
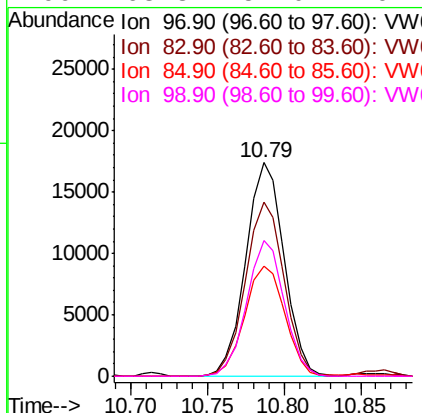
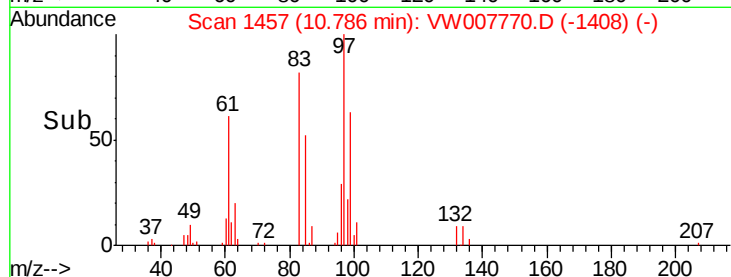
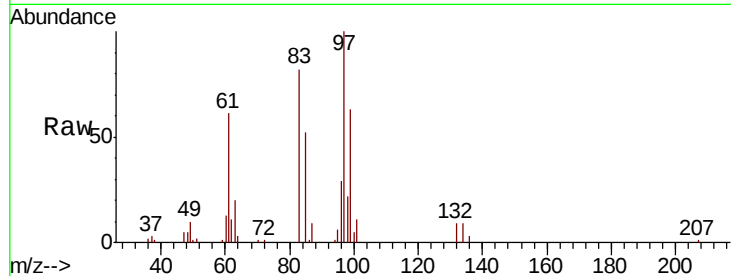
#55
 1,1,2-Trichloroethane
 Concen: 47.039 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.5	101.3
85	51.5	44.8	67.2
99	63.3	51.0	76.4

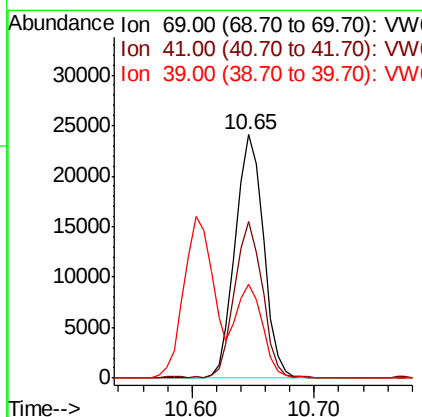
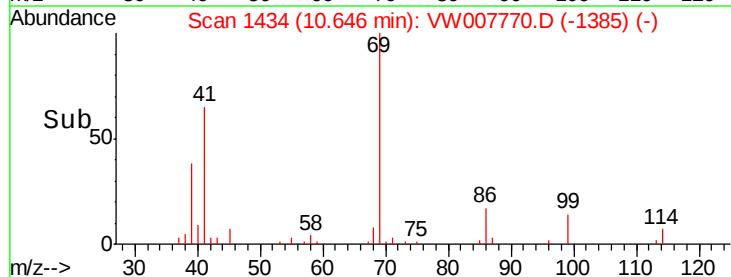
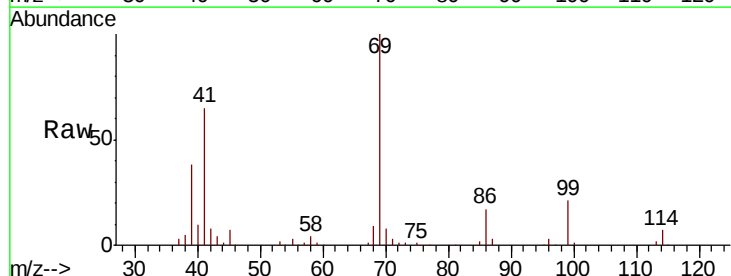
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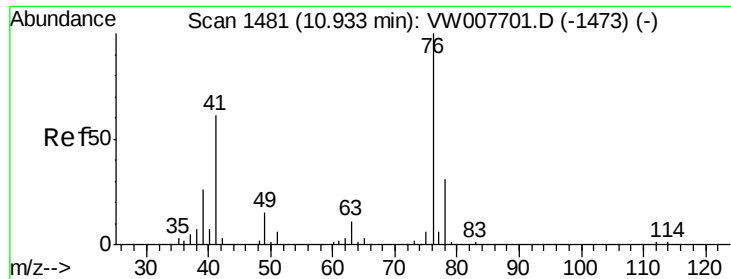
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#56
 Ethyl methacrylate
 Concen: 50.793 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	48.9	73.3
39	36.3	31.3	46.9





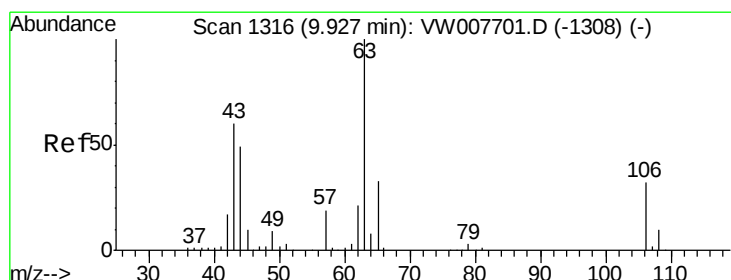
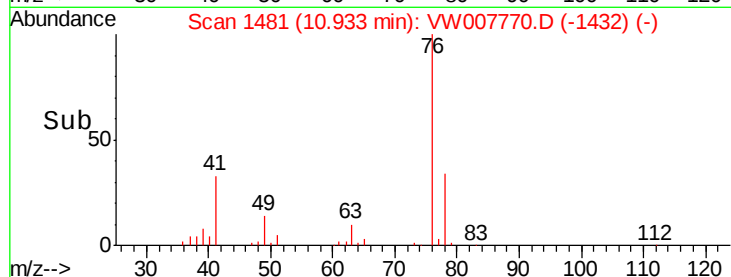
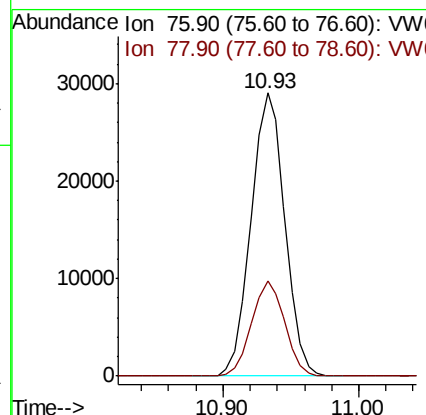
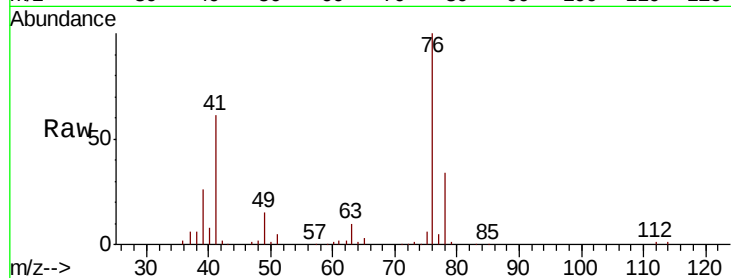
#57
 1,3-Dichloropropane
 Concen: 47.094 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 50423
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2

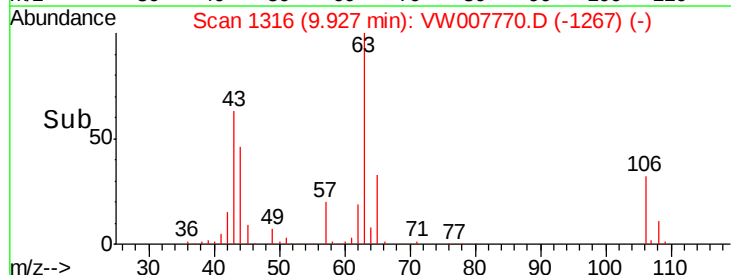
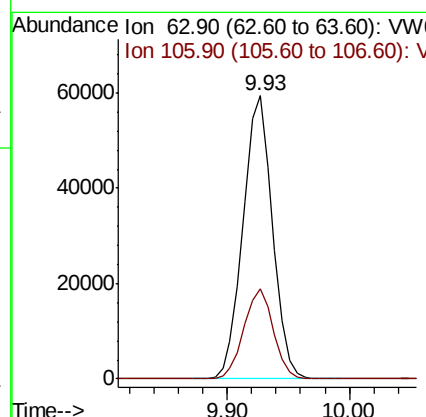
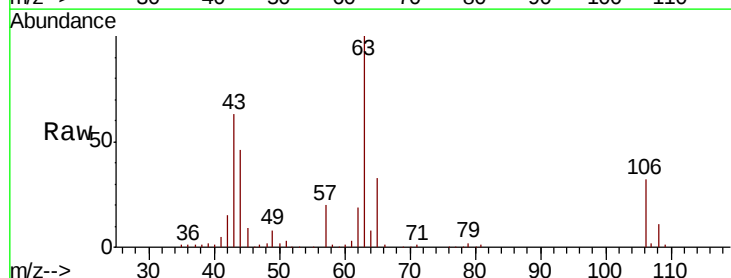
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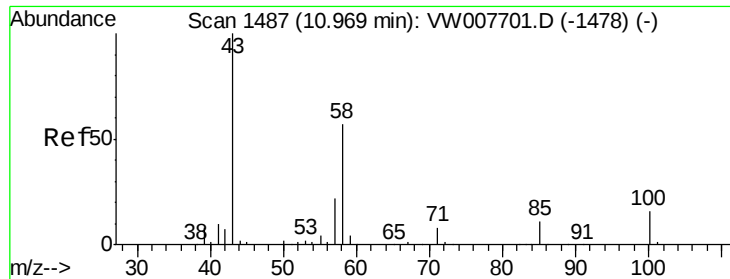
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#58
 2-Chloroethyl Vinyl ether
 Concen: 284.665 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion: 63 Resp: 99014
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.9 38.9





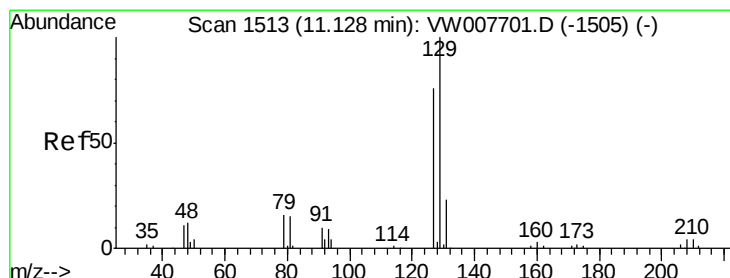
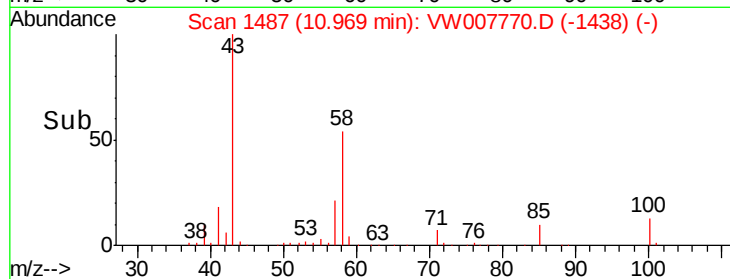
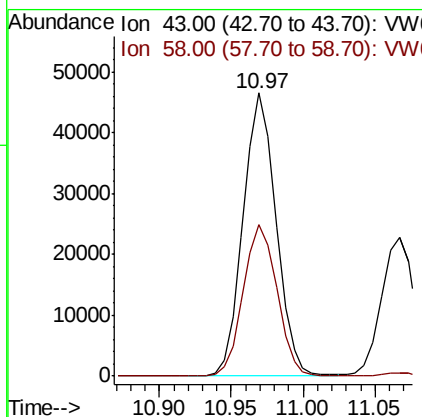
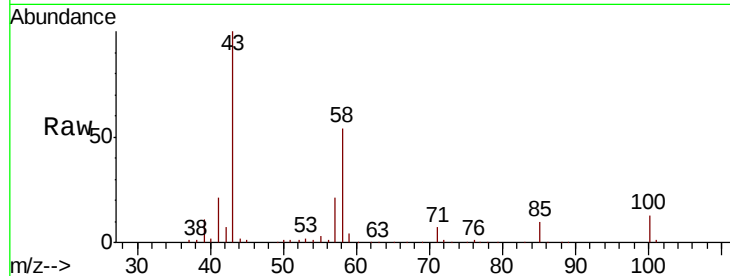
#59
2-Hexanone
Concen: 250.669 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 73919
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

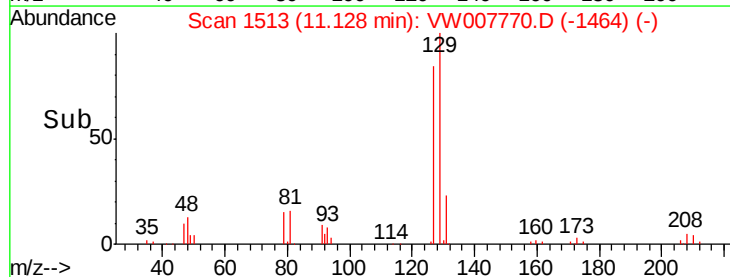
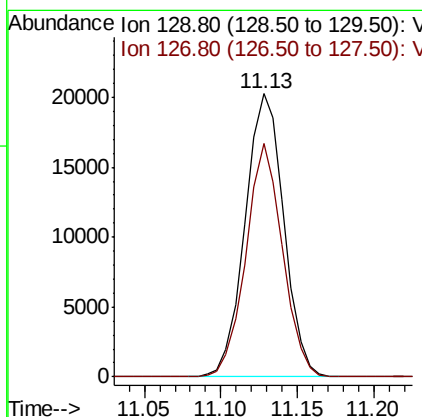
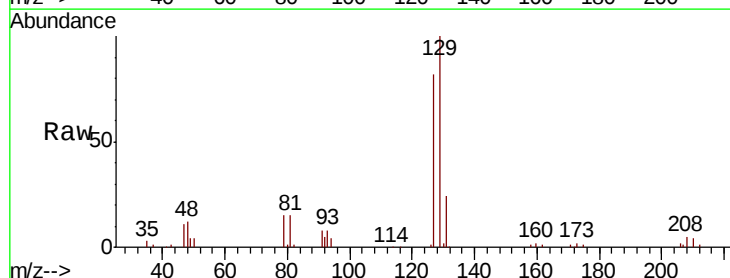
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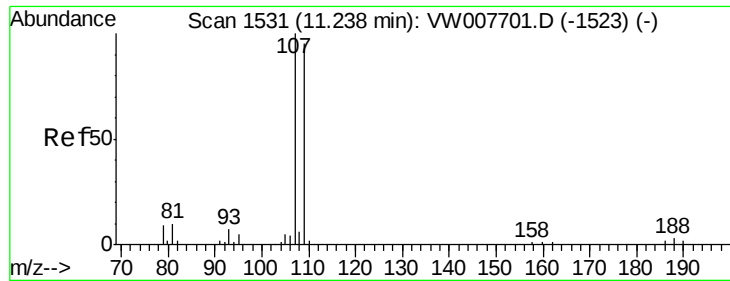
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#60
Dibromochloromethane
Concen: 41.626 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 129 Resp: 35538
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





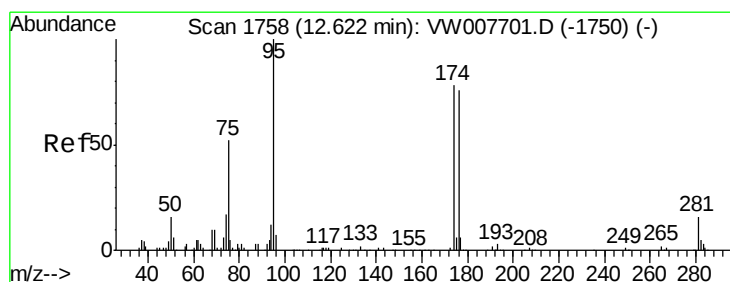
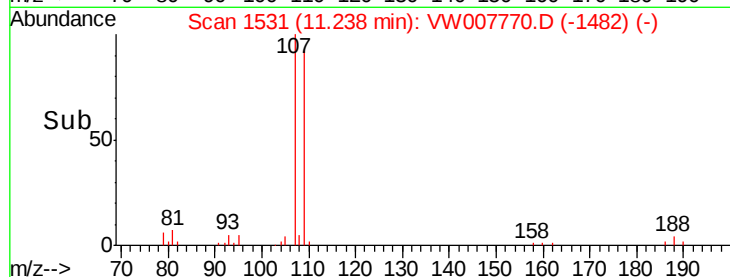
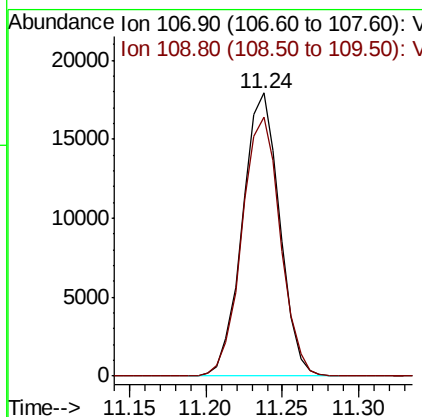
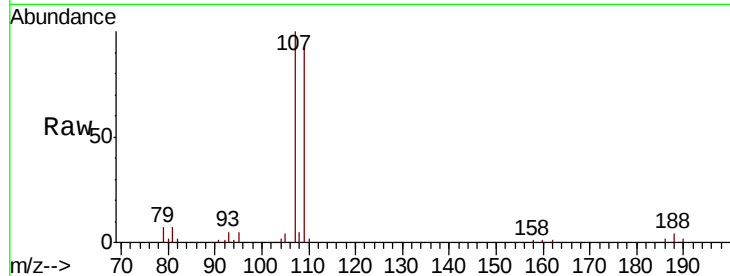
#61
1,2-Dibromoethane
Concen: 46.453 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 30332
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0

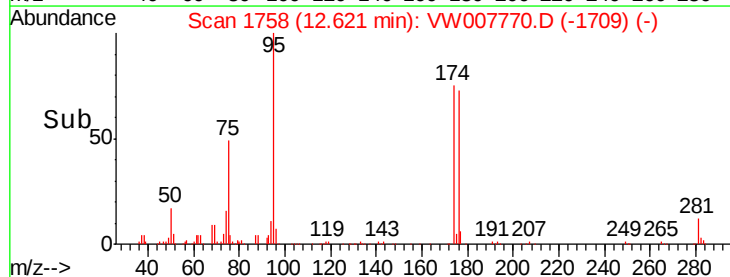
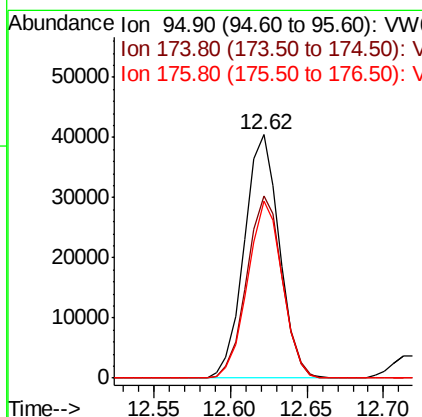
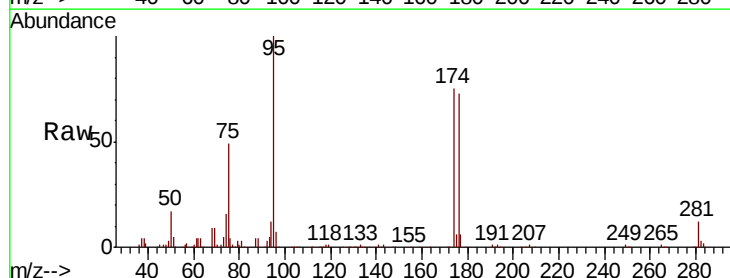
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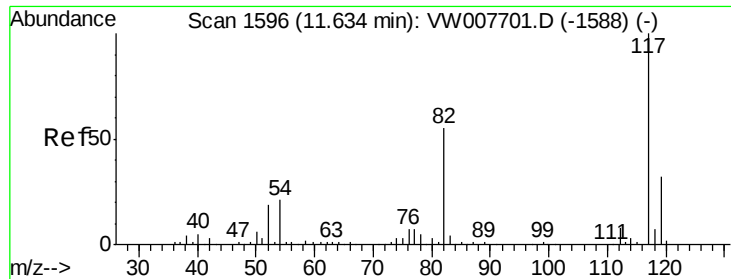
apatel
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#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 95 Resp: 64501
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.2
176 72.3 0.0 146.8





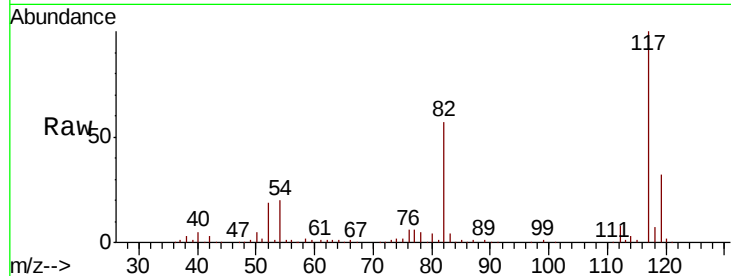
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	32.3	25.7	38.5

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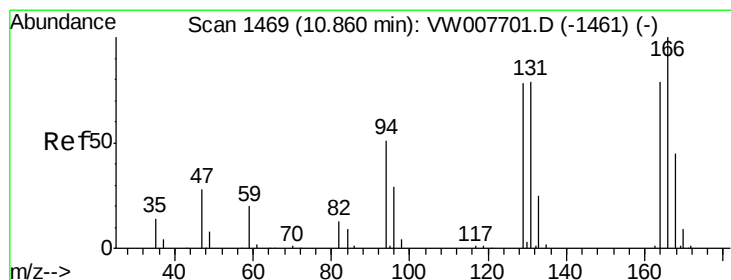
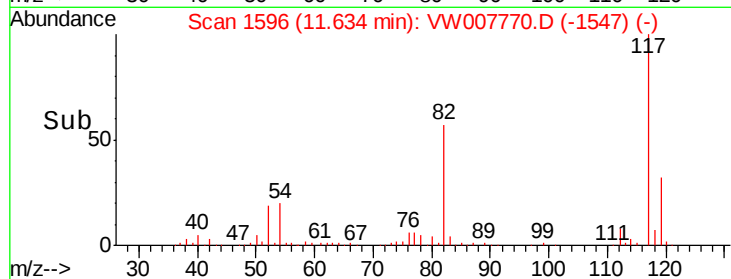
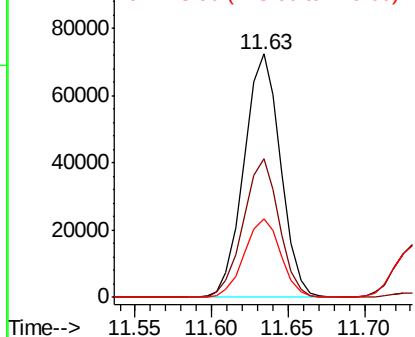


Abundance

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: 45.963 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.0	151.6
129	100.3	78.7	118.1
131	96.5	79.4	119.0

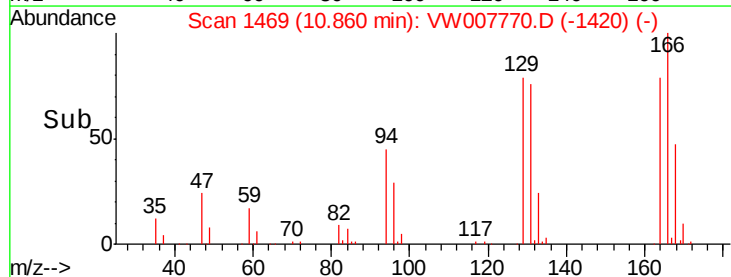
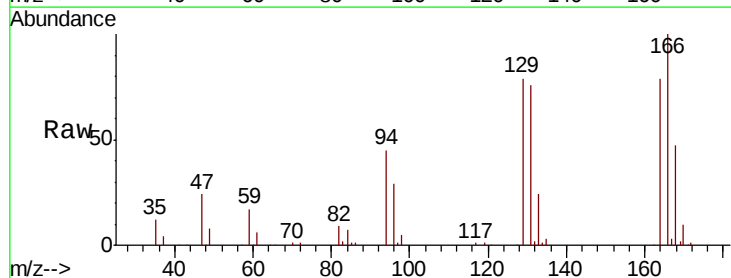
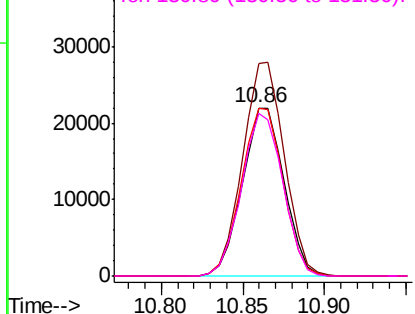
Abundance

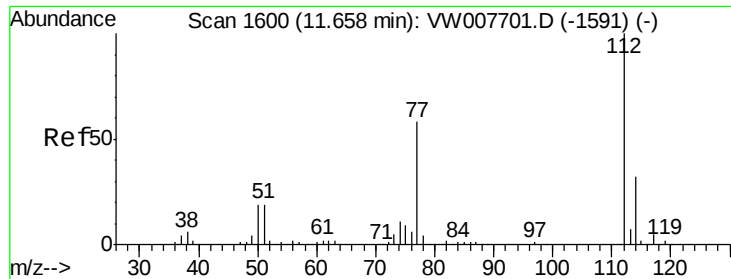
Ion 163.80 (163.50 to 164.50): V

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: 44.567 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 115972

Ion Ratio Lower Upper

112 100

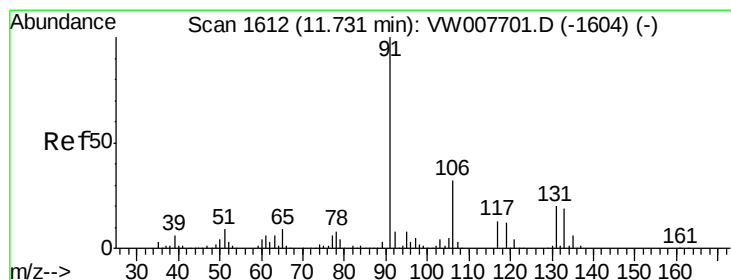
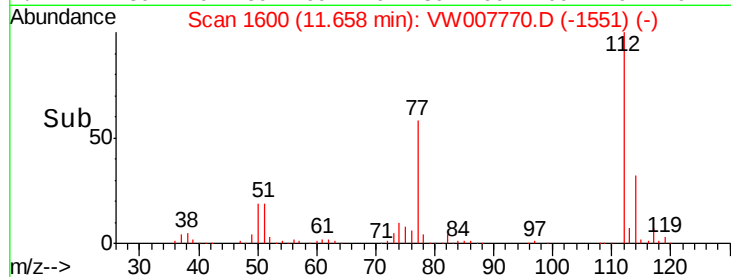
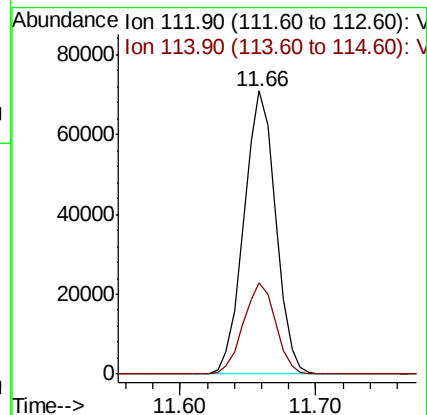
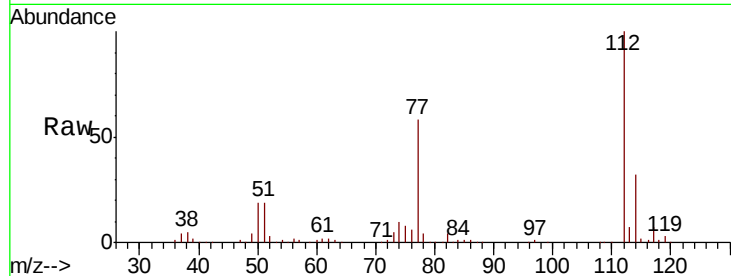
114 32.5 25.2 37.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 43.587 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

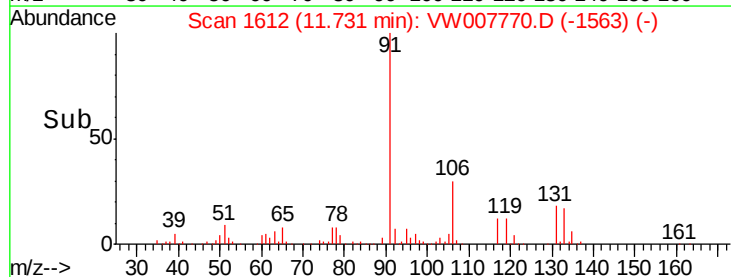
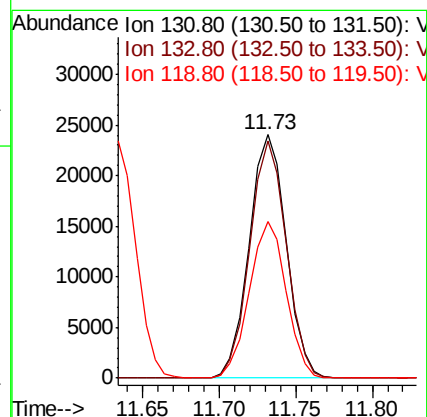
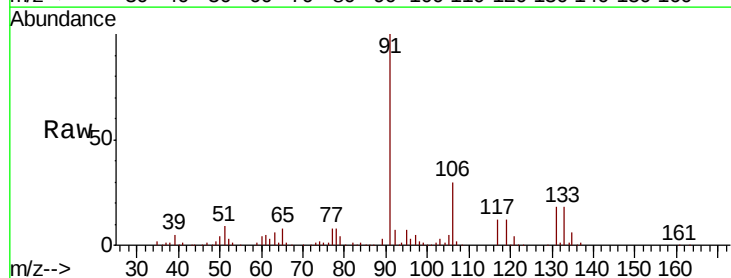
Tgt Ion:131 Resp: 40528

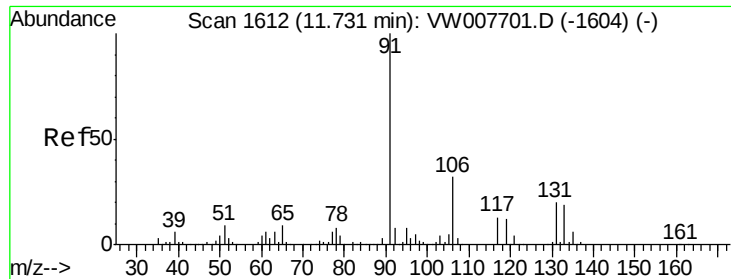
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.5

119 64.0 30.2 90.6





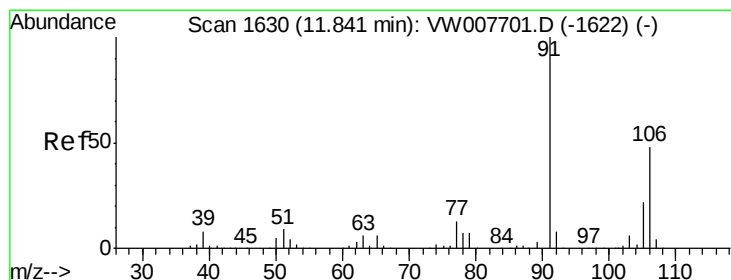
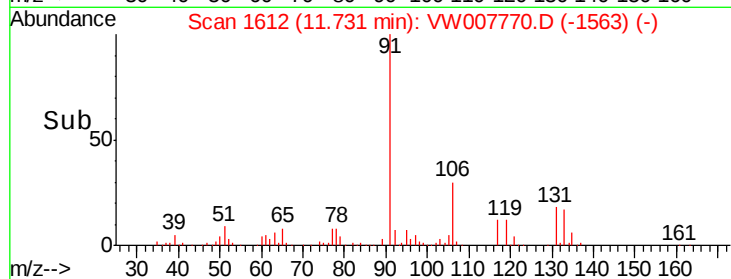
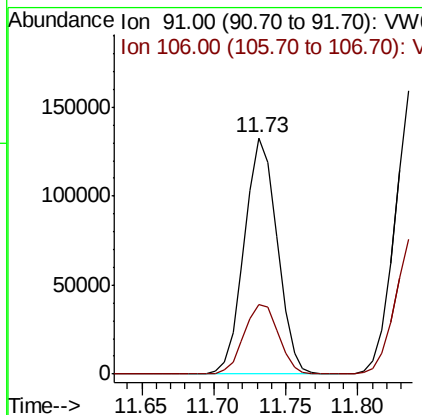
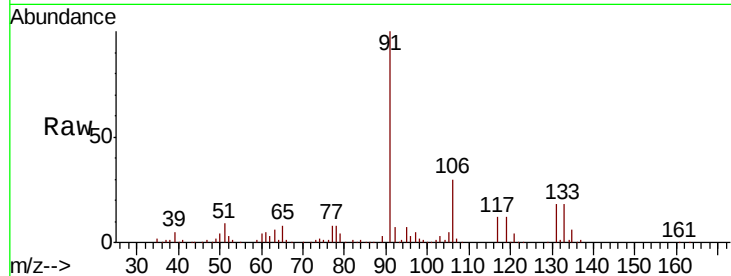
#67
Ethyl Benzene
Concen: 46.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 209849
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8

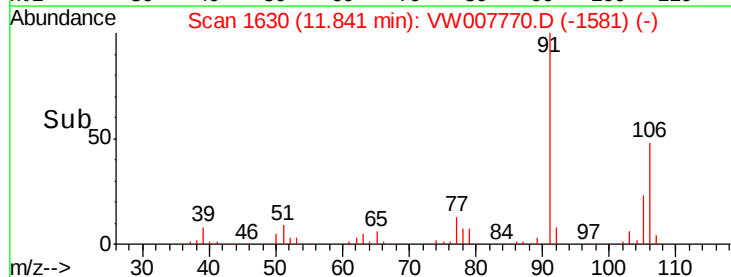
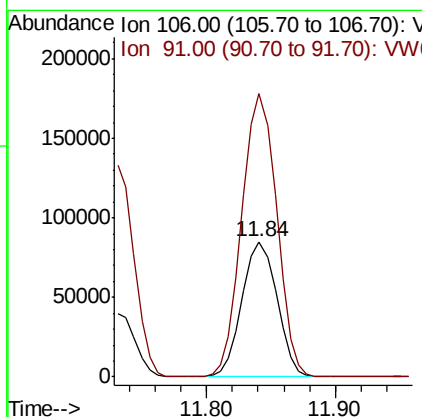
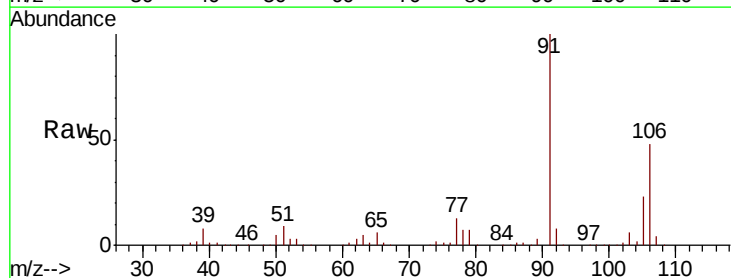
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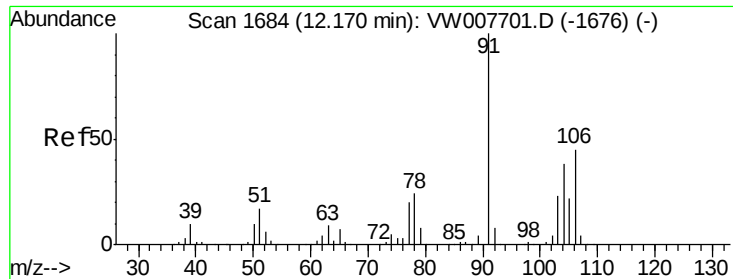
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#68
m/p-Xylenes
Concen: 92.552 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion: 106 Resp: 160317
Ion Ratio Lower Upper
106 100
91 209.1 165.2 247.8





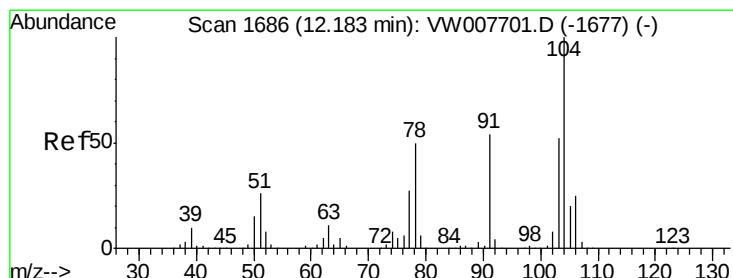
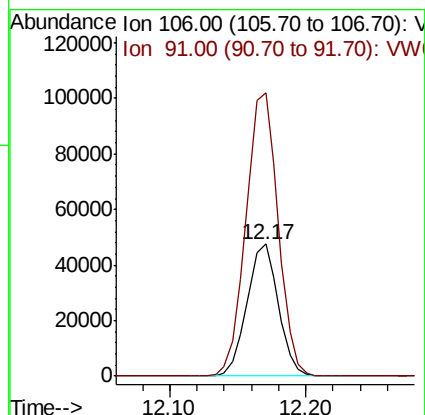
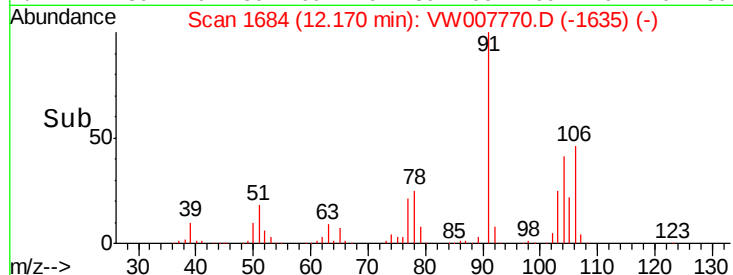
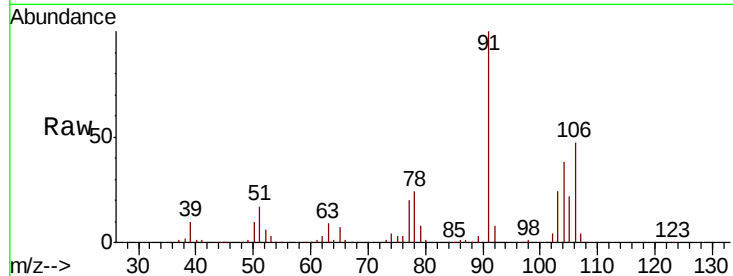
#69
o-Xylene
Concen: 47.484 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 77100
Ion Ratio Lower Upper
106 100
91 219.0 110.5 331.4

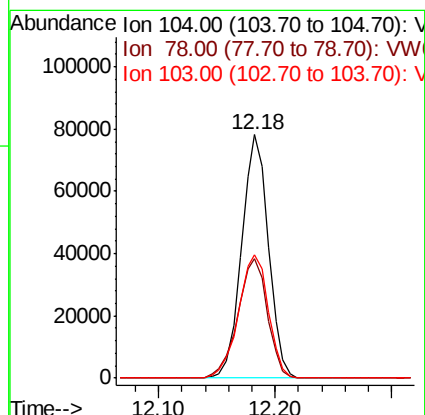
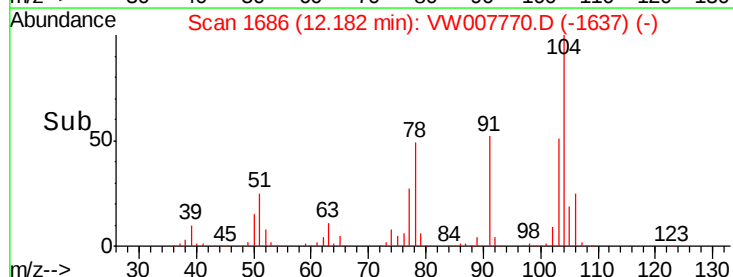
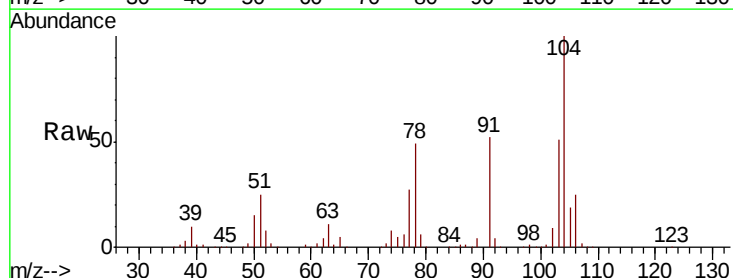
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#70
Styrene
Concen: 47.009 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion:104 Resp: 125470
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 56.4 44.5 66.7





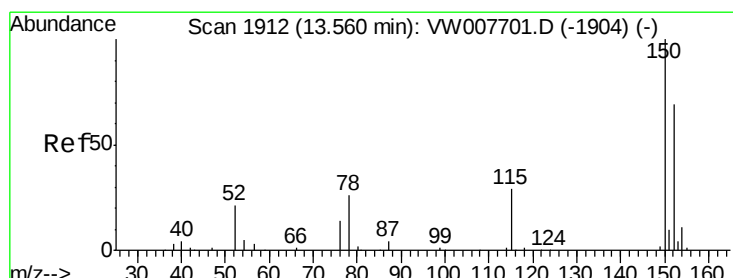
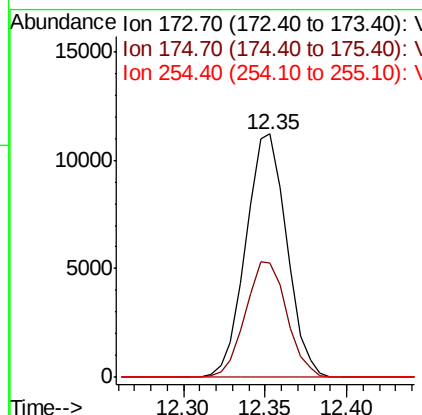
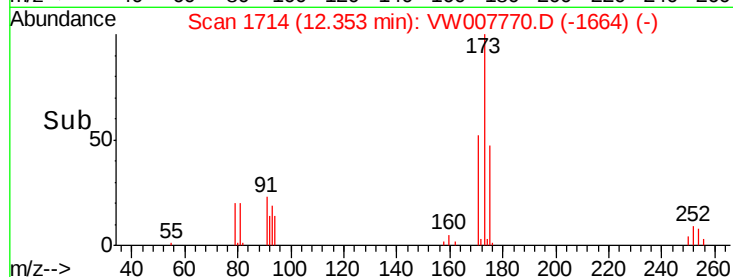
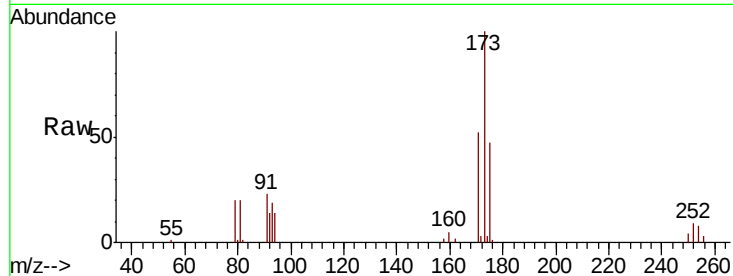
#71
Bromoform
Concen: 40.492 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.7
254	0.0	0.0	0.0

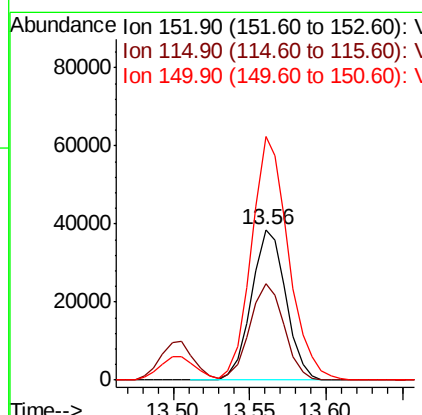
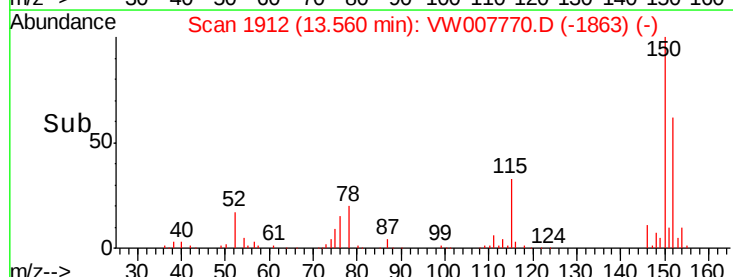
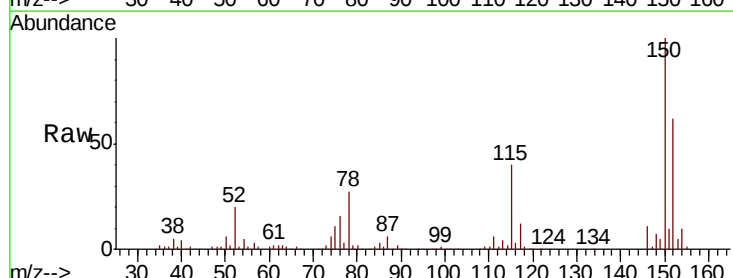
Manual Integrations
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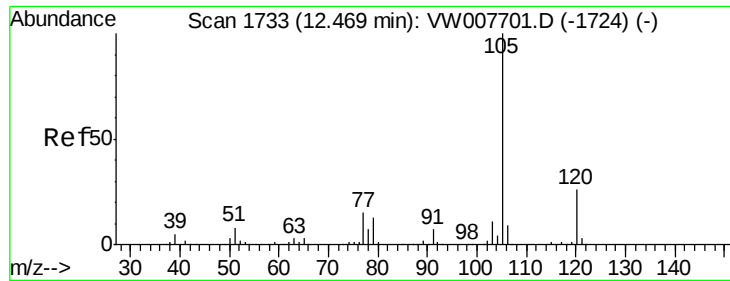
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.8	95.4
150	172.9	0.0	350.8





#73

Isopropylbenzene

Concen: 46.726 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 213479

Ion Ratio Lower Upper

105 100

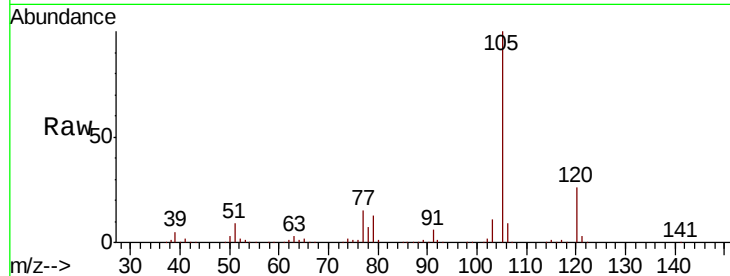
120 25.8 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

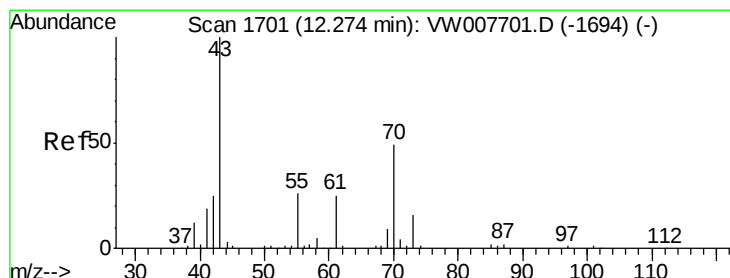
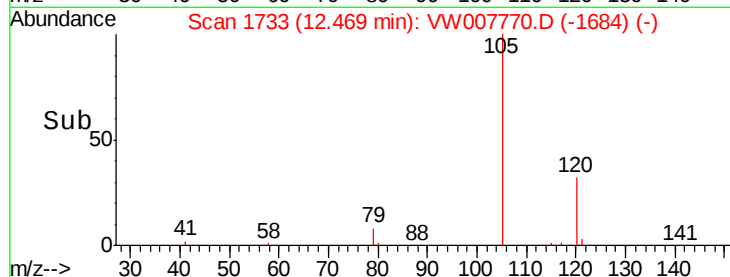
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 52.372 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 43 Resp: 41446

Ion Ratio Lower Upper

43 100

70 44.6 37.6 56.4

55 25.1 21.7 32.5

61 25.4 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

20000

10000

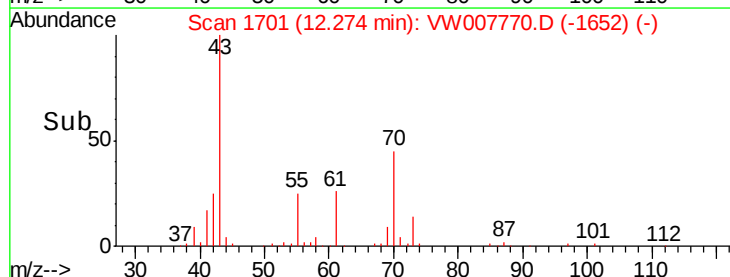
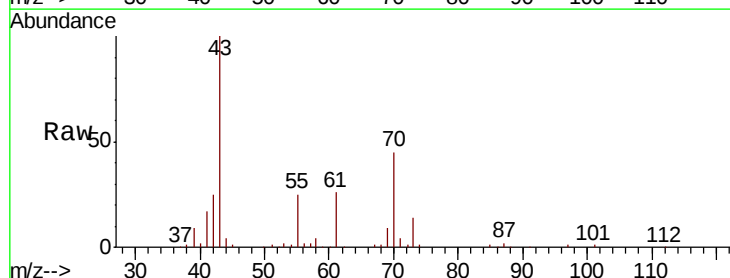
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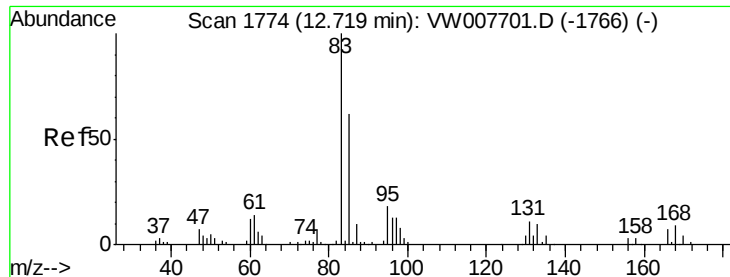
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.097 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

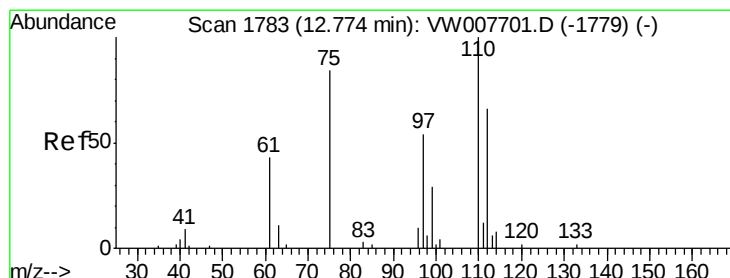
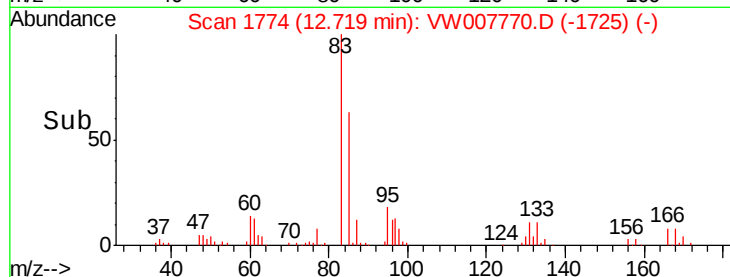
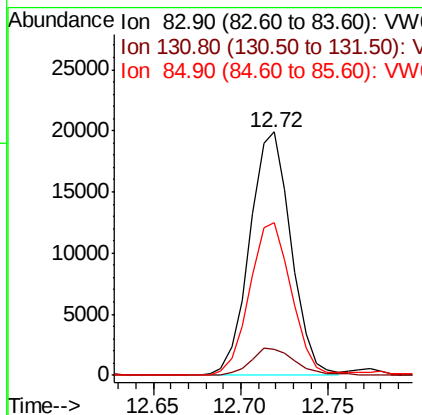
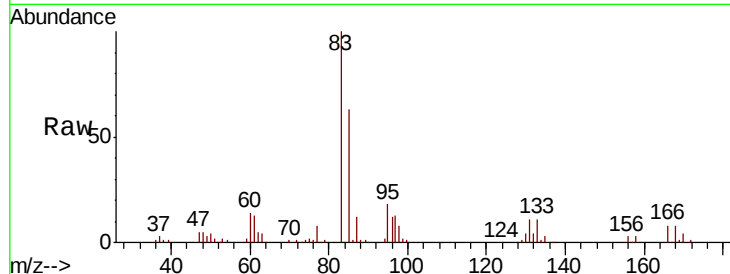
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	32947
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.3	18.8
85	63.4	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 53.898 ug/l m

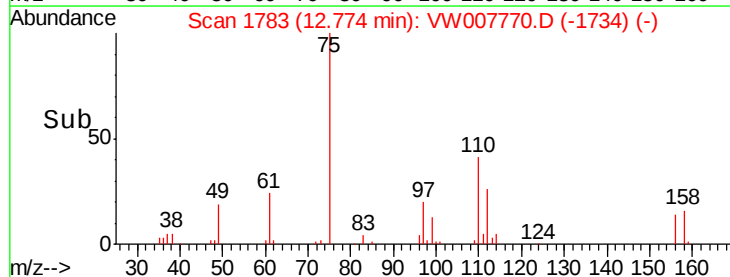
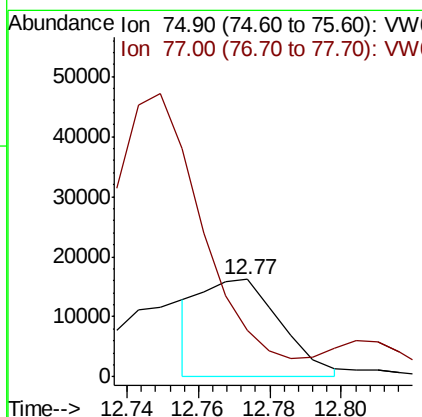
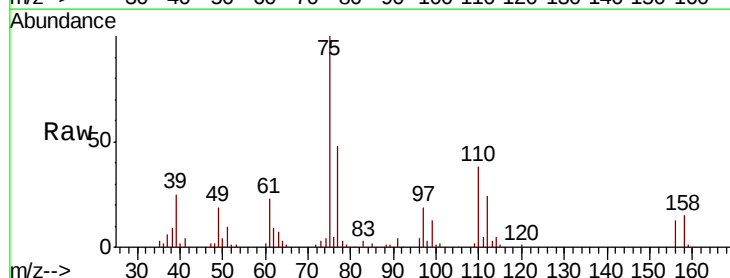
RT: 12.77 min Scan# 1783

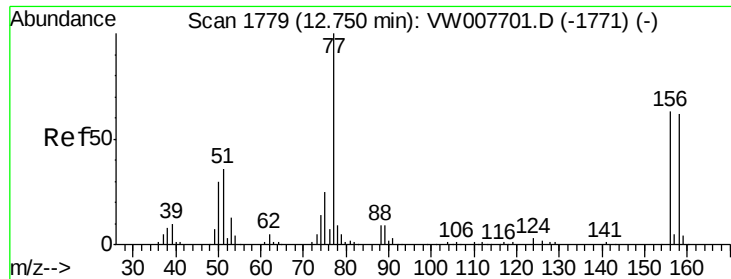
Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion:	75	Resp:	25179
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.786 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

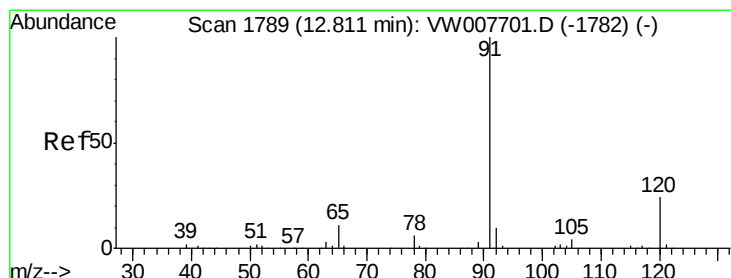
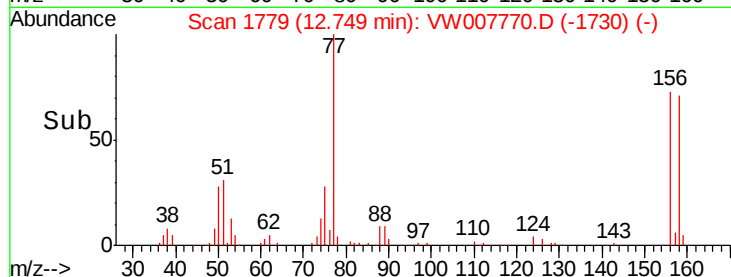
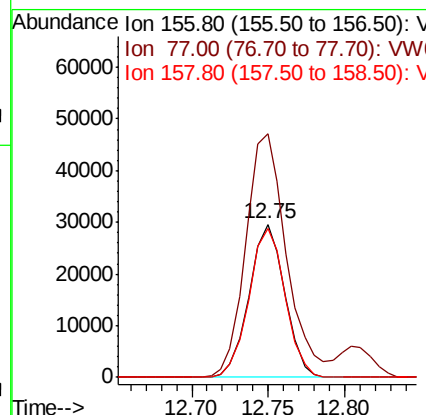
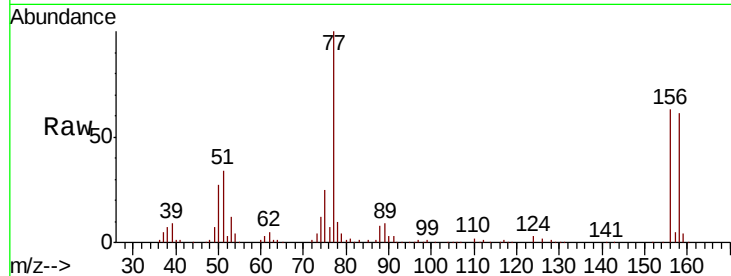
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 156 Resp: 47940
 Ion Ratio Lower Upper
 156 100
 77 181.0 87.4 262.1
 158 98.5 48.4 145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 45.939 ug/l

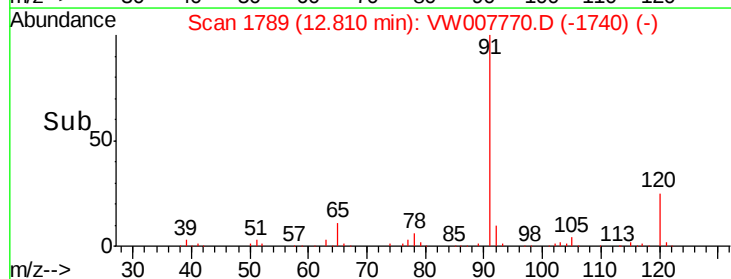
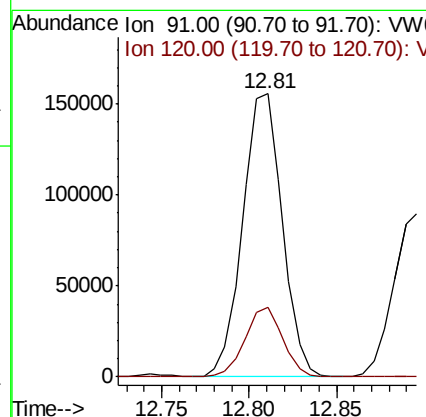
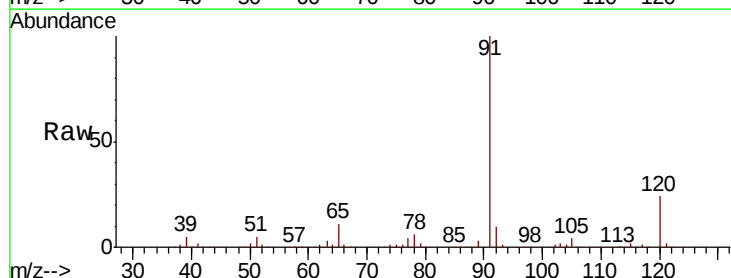
RT: 12.81 min Scan# 1789

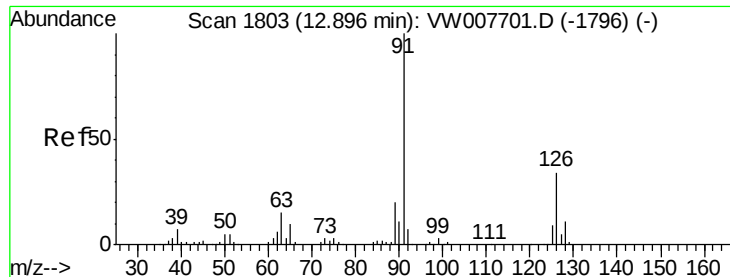
Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Tgt Ion: 91 Resp: 244316
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 47.220 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007770.D

Acq: 21 Dec 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 146297

Ion Ratio Lower Upper

91 100

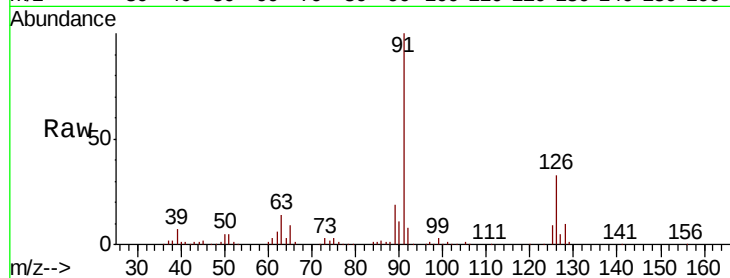
126 33.2 17.0 51.0

Manual Integrations

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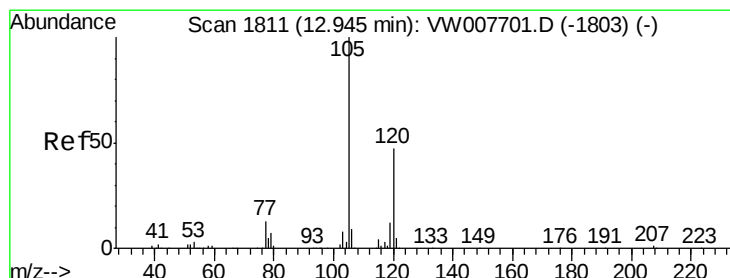
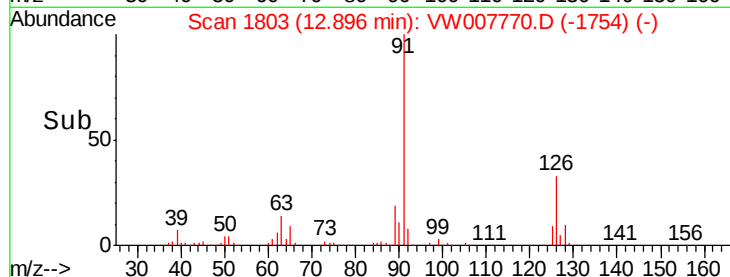
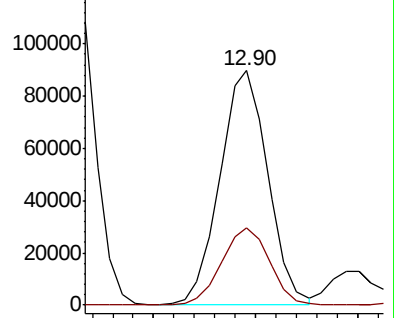
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.623 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007770.D

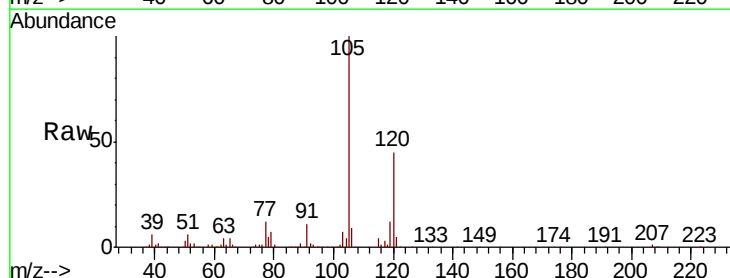
Acq: 21 Dec 2018 01:45

Tgt Ion: 105 Resp: 187675

Ion Ratio Lower Upper

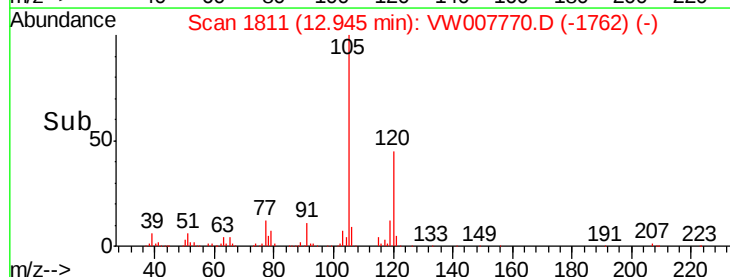
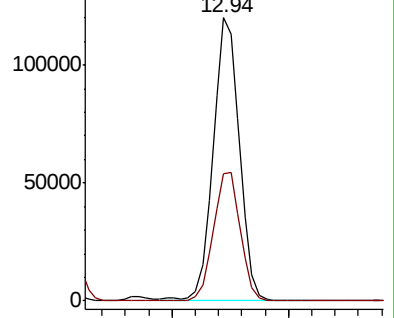
105 100

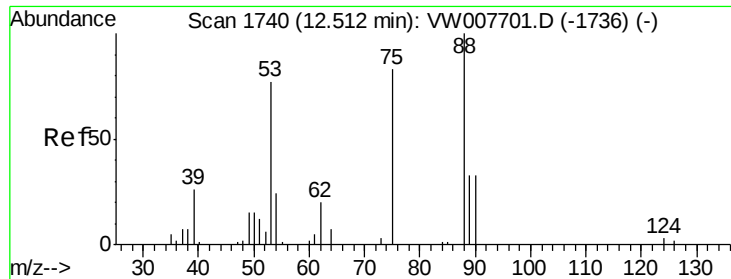
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





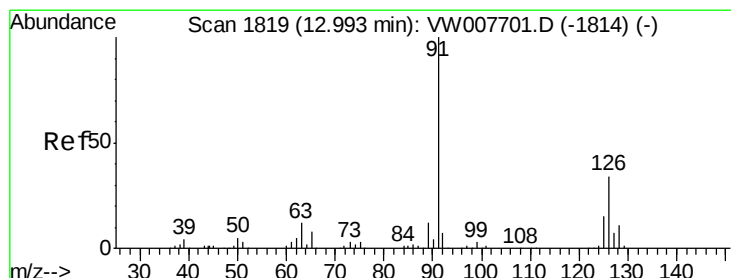
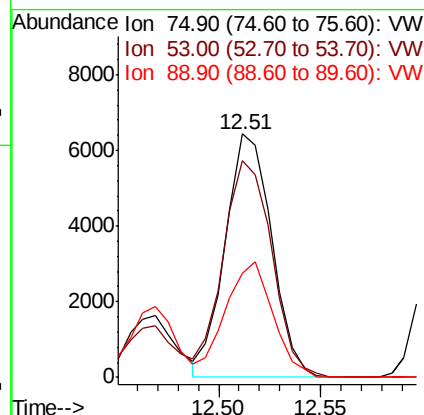
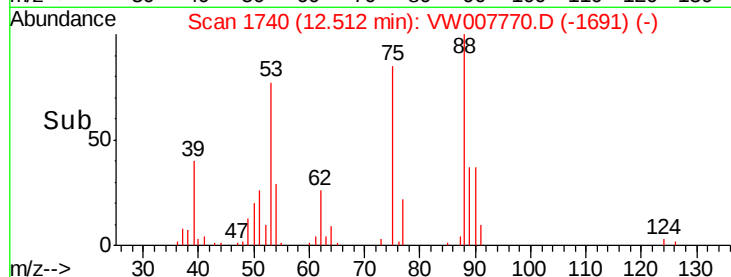
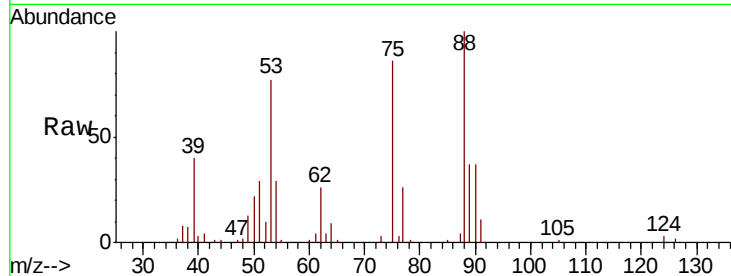
#81
trans-1,4-Dichloro-2-butene
Concen: 45.710 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.2	80.2	120.2
89	48.6	39.2	58.8

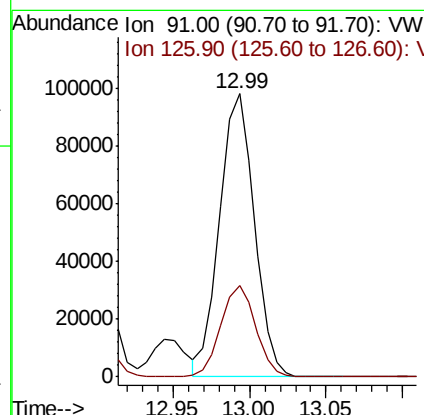
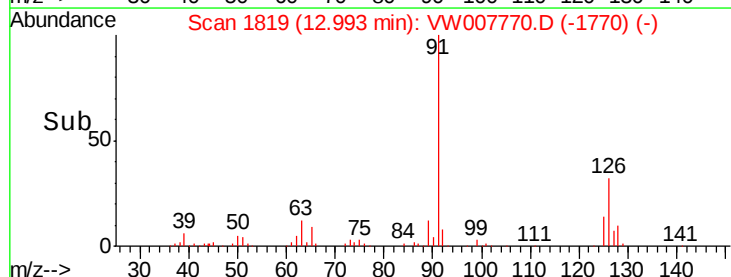
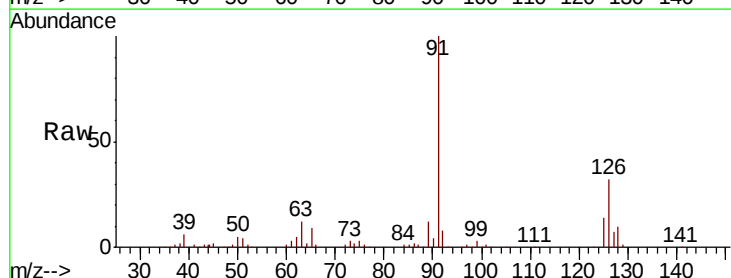
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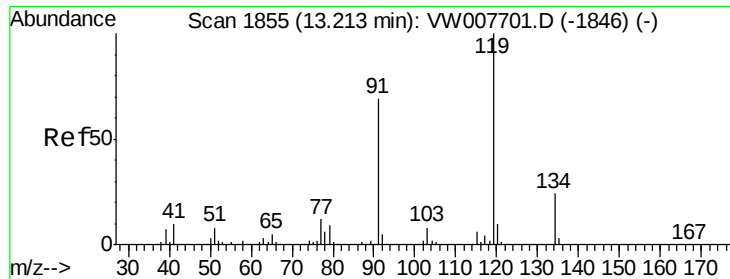
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#82
4-Chlorotoluene
Concen: 46.970 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.5	49.5





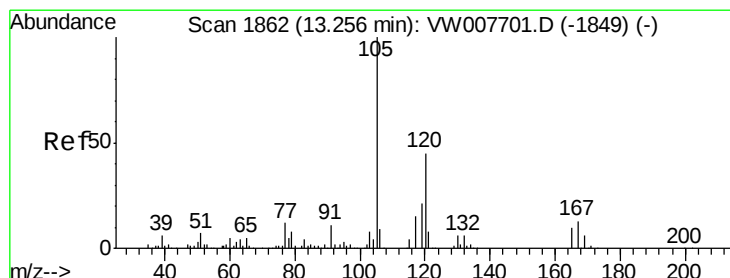
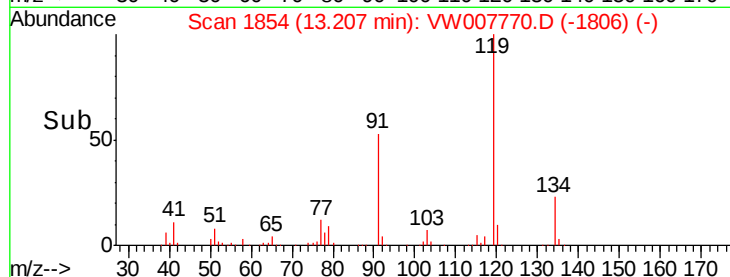
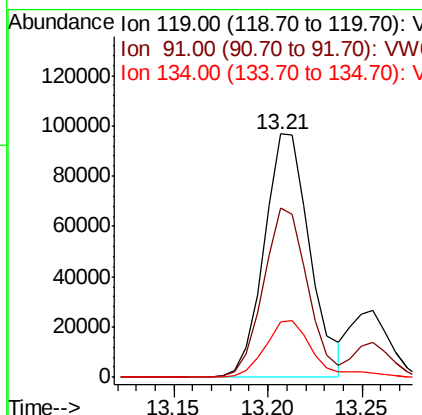
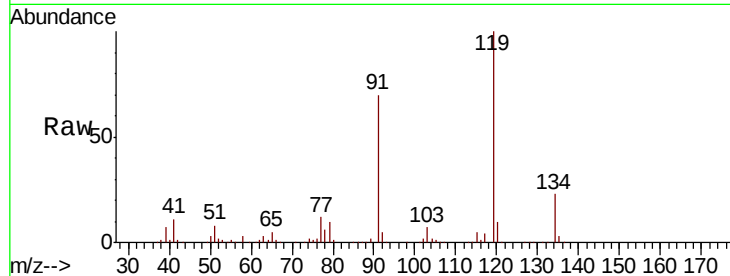
#83
tert-Butylbenzene
Concen: 47.078 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	162787		
91	67.1	34.2	102.5	
134	24.9	12.8	38.4	

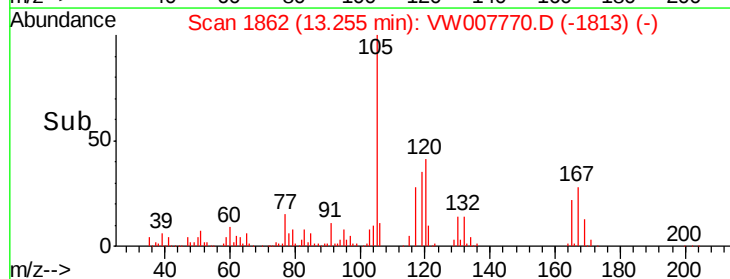
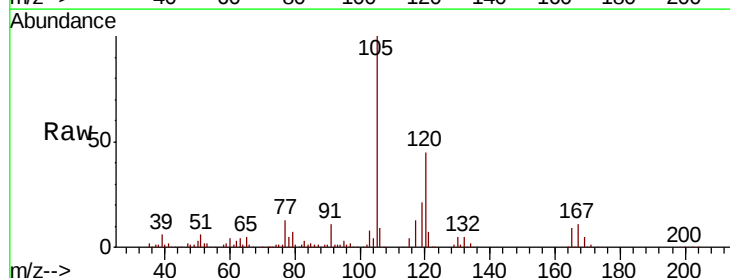
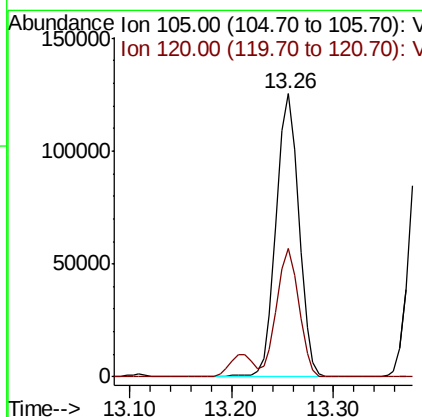
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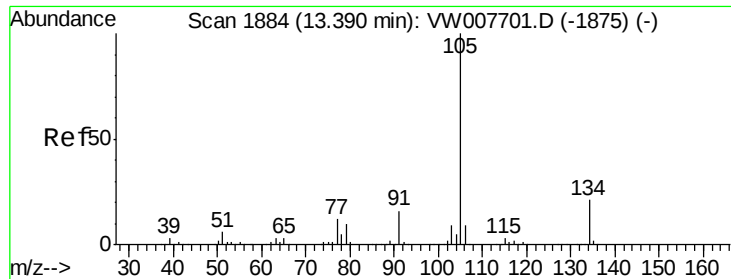
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#84
1,2,4-Trimethylbenzene
Concen: 48.461 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192706		
120	44.5	22.0	66.0	





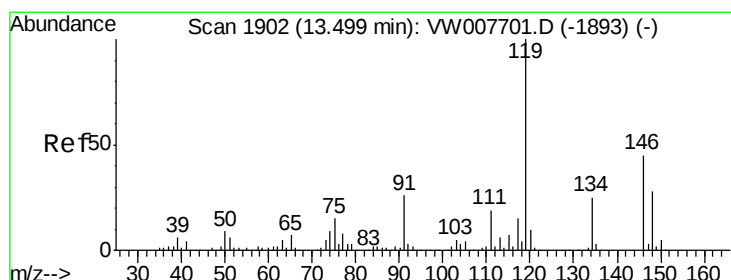
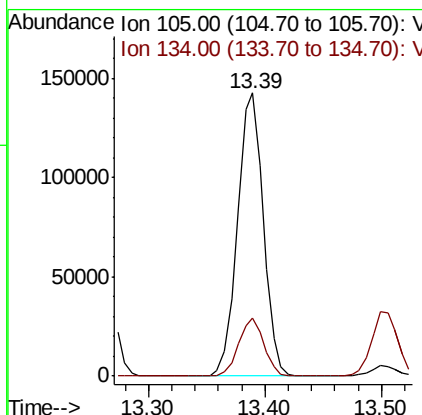
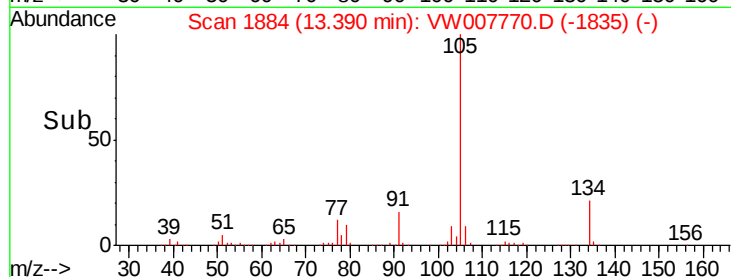
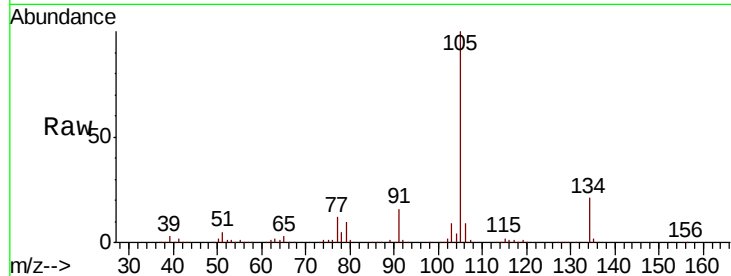
#85
 sec-Butylbenzene
 Concen: 46.165 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 219999
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

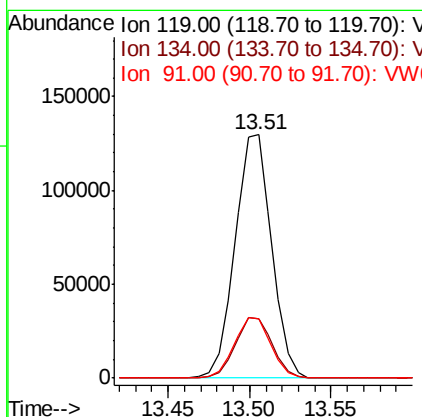
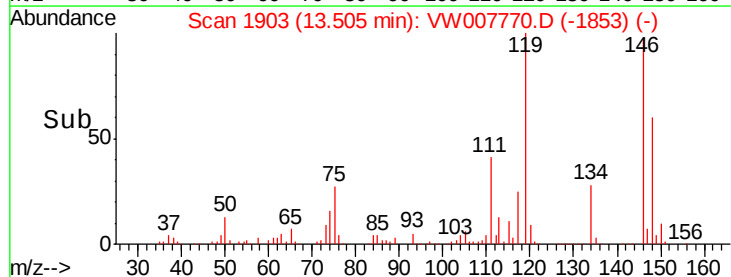
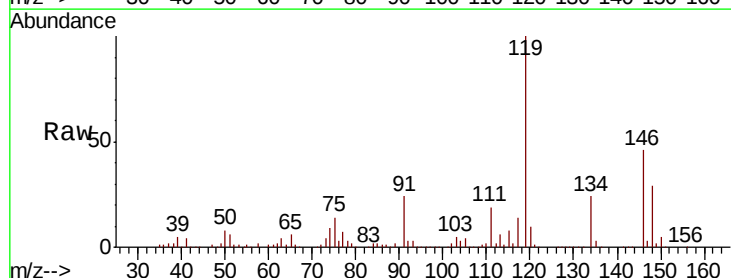
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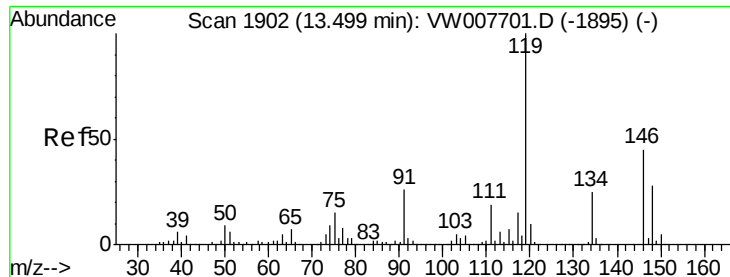
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#86
 p-Isopropyltoluene
 Concen: 46.538 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion:119 Resp: 201666
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 25.0 12.8 38.4





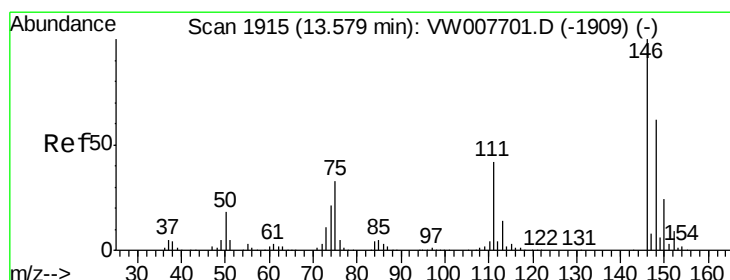
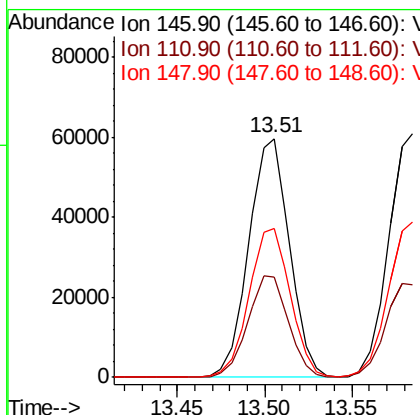
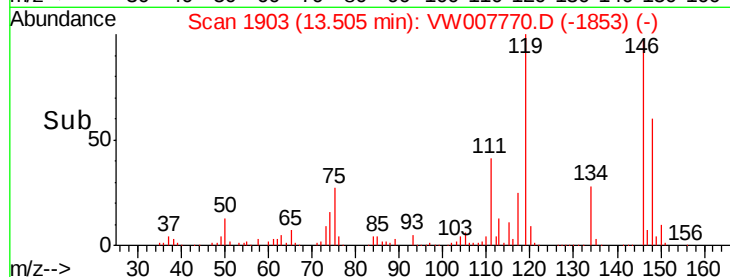
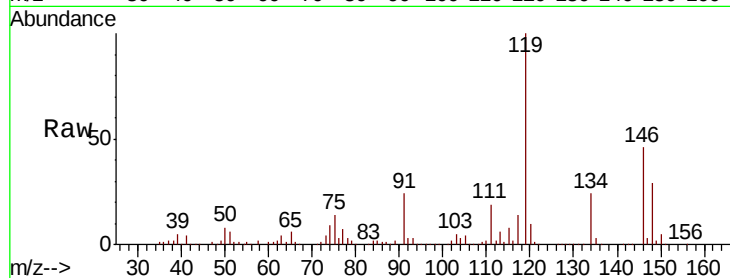
#87
 1,3-Dichlorobenzene
 Concen: 46.379 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.2	32.1	96.5

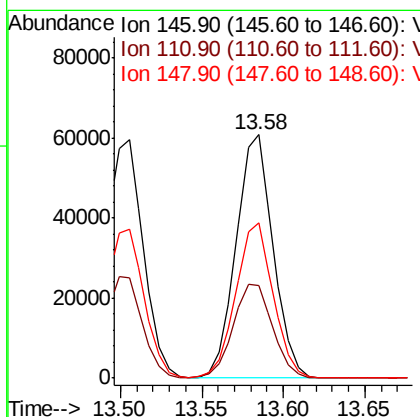
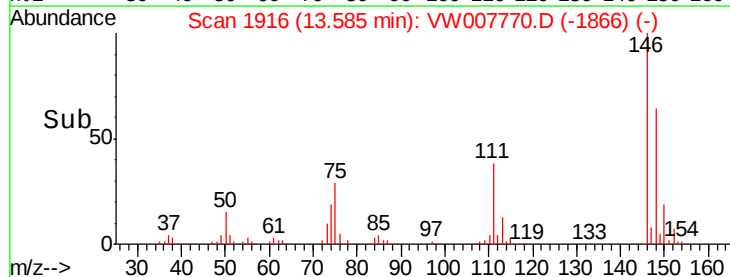
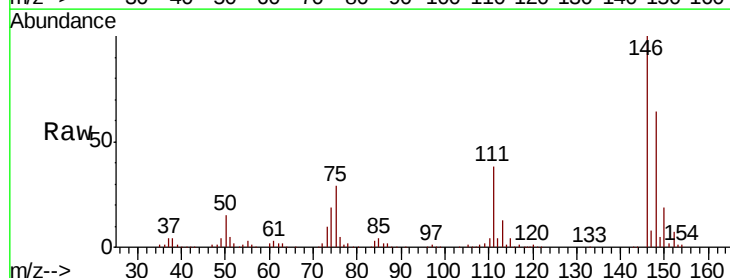
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#88
 1,4-Dichlorobenzene
 Concen: 46.166 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.0	63.0
148	64.2	31.8	95.4





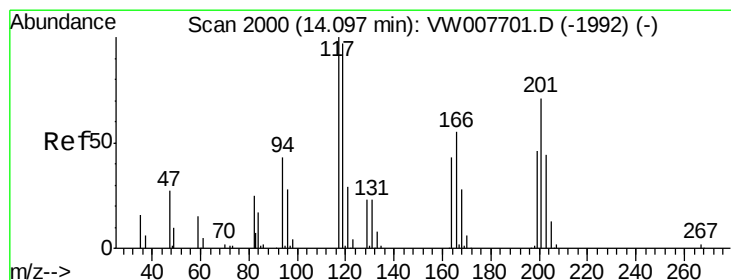
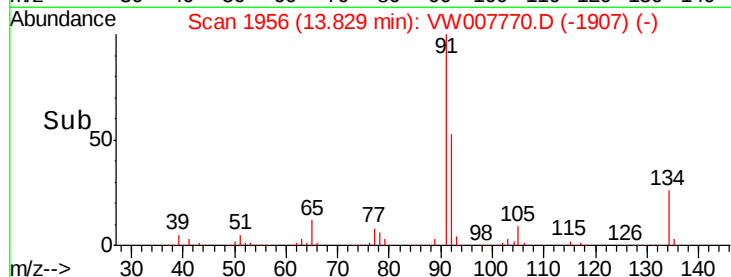
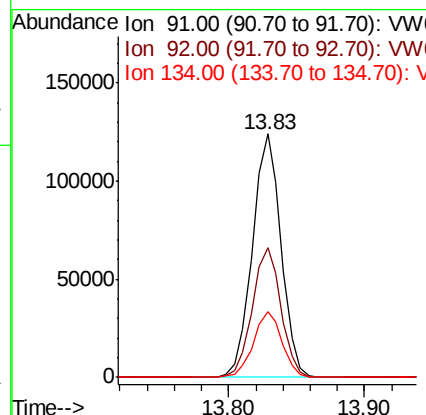
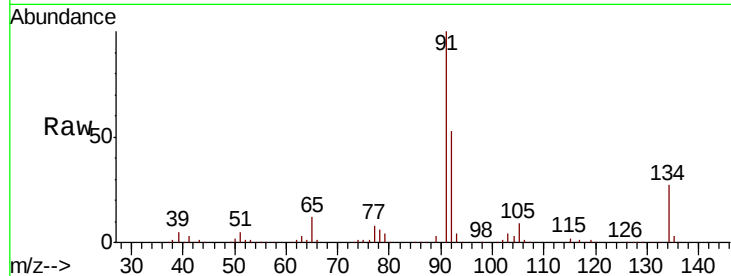
#89
n-Butylbenzene
Concen: 46.009 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	27.1	13.7	41.0

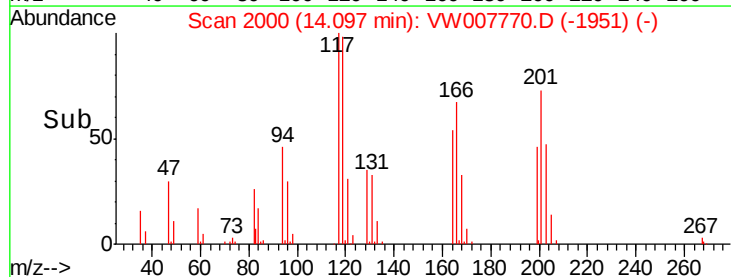
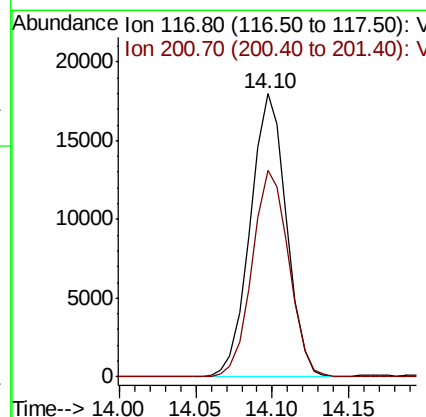
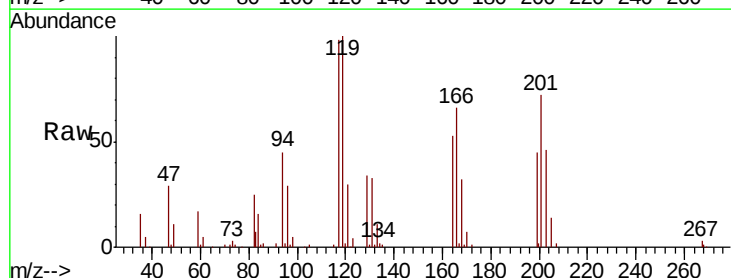
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#90
Hexachloroethane
Concen: 38.811 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	36.2	108.6





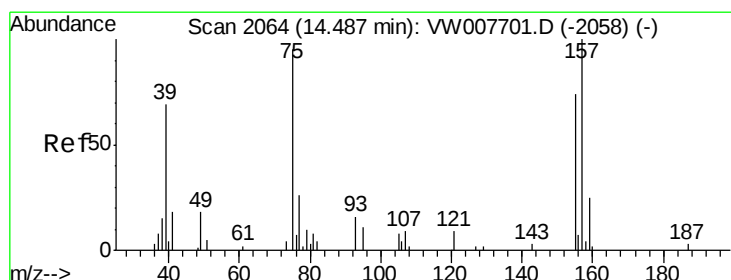
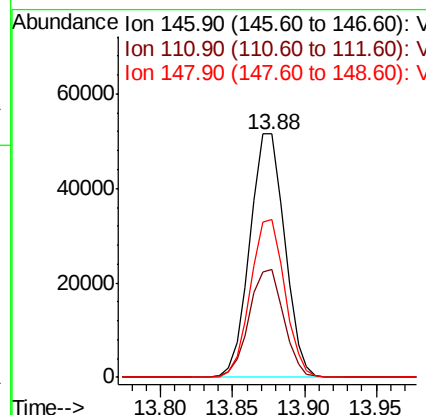
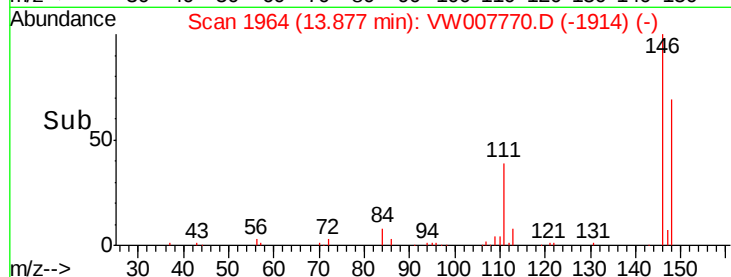
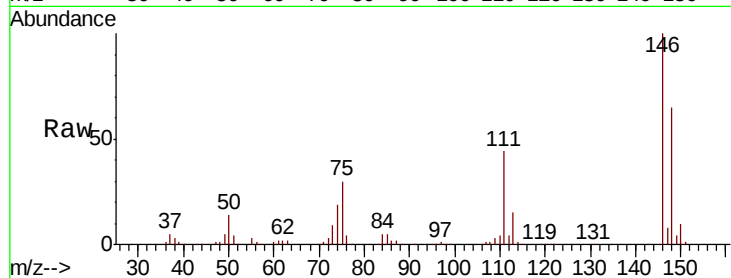
#91
 1,2-Dichlorobenzene
 Concen: 46.314 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.7	65.1
148	63.9	32.1	96.5

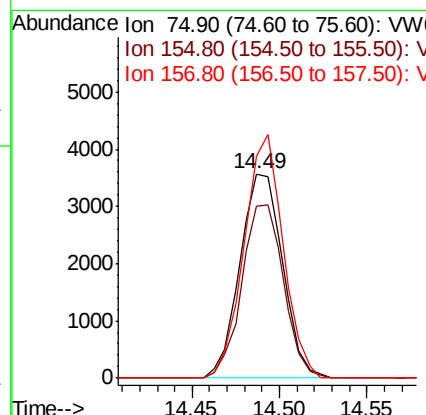
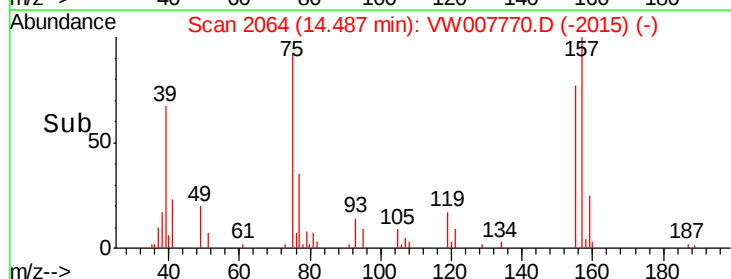
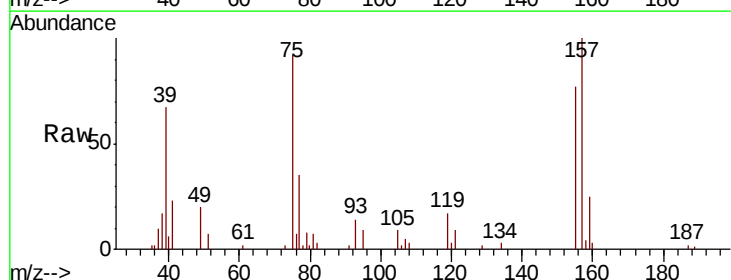
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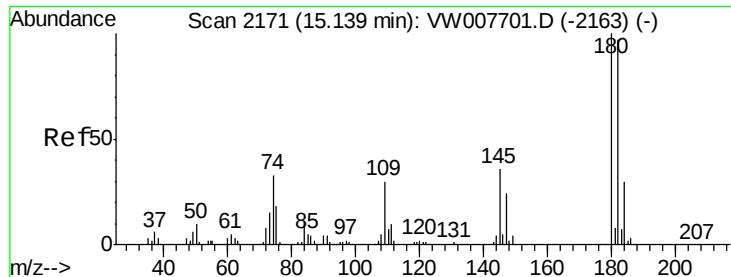
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.241 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007770.D
 Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	39.4	118.1
157	108.7	52.0	156.0





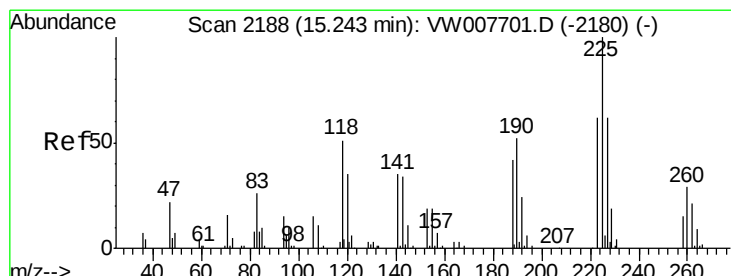
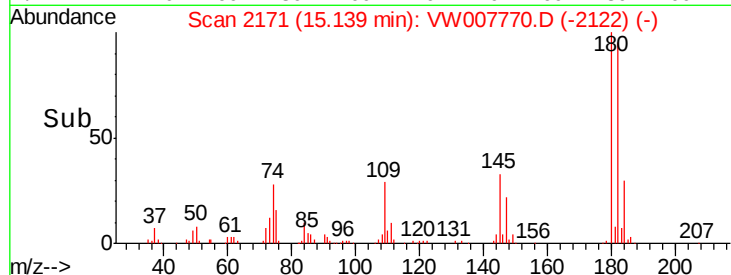
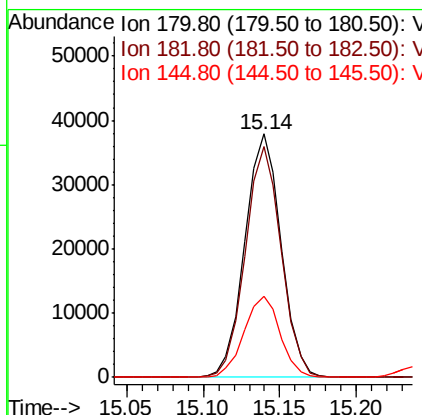
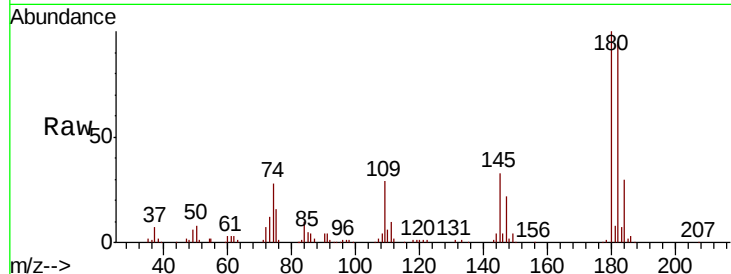
#93
1,2,4-Trichlorobenzene
Concen: 48.132 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	33.3	17.5	52.5

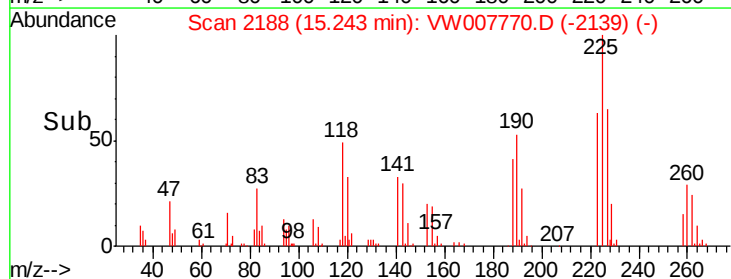
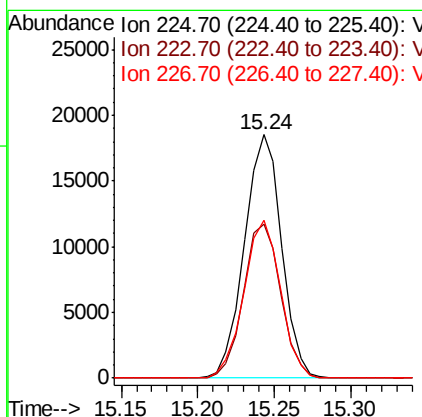
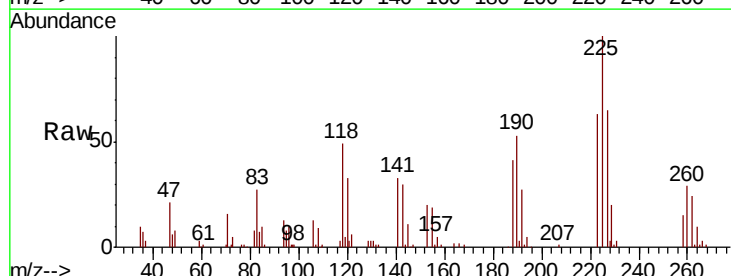
Manual Integrations
APPROVED

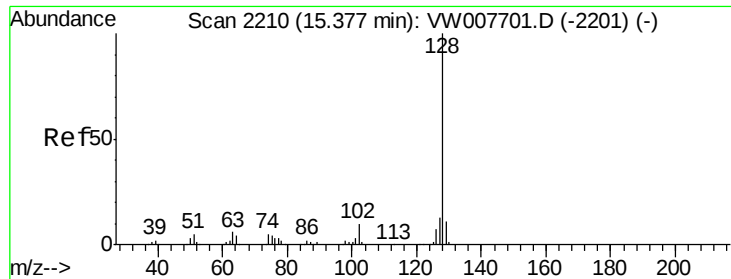
apatel
12/21/2018 11:04:38 AM



#94
Hexachlorobutadiene
Concen: 45.245 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.8
227	64.0	32.1	96.3





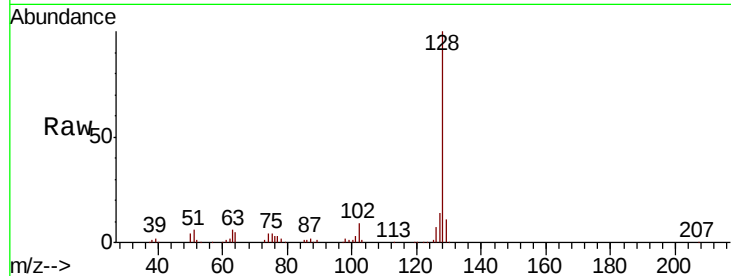
#95
Naphthalene
Concen: 53.484 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
12/21/2018 11:04:38 AM

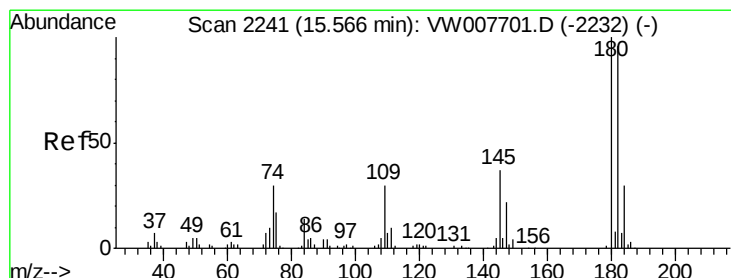
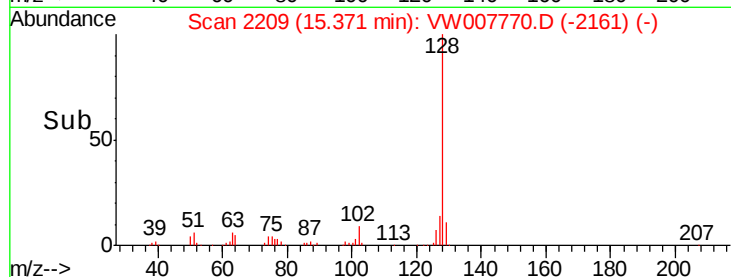
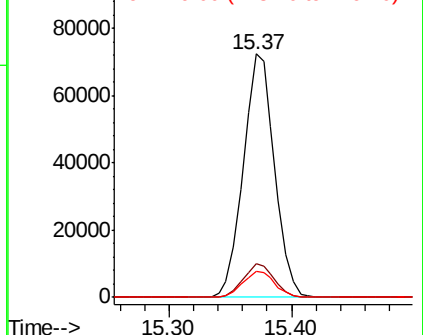


Abundance

Ion 128.00 (127.70 to 128.70): V

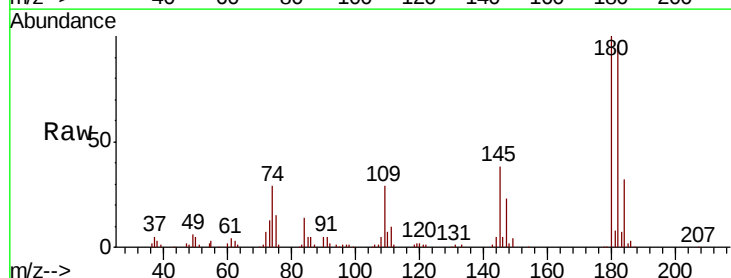
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 47.992 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007770.D
Acq: 21 Dec 2018 01:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	37.5	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

