

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007772.D
 Acq On : 21 Dec 2018 04:21
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 12/21/2018 11:04:43 AM

Quant Time: Dec 21 06:05:09 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	74835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44670	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	41886	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
50) Toluene-d8	10.32	98	159922	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.62	95	62126	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26768	40.236	ug/l	99
3) Chloromethane	2.22	50	24753	60.592	ug/l	97
4) Vinyl Chloride	2.37	62	29901	57.499	ug/l	92
5) Bromomethane	2.78	94	22268	61.480	ug/l	87
6) Chloroethane	2.93	64	18656	67.057	ug/l	98
7) Trichlorofluoromethane	3.26	101	24885	45.964	ug/l	99
8) Diethyl Ether	3.68	74	18610	56.120	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36898	46.276	ug/l	99
10) Methyl Iodide	4.26	142	64794	51.099	ug/l	95
11) Tert butyl alcohol	5.17	59	14469	261.501	ug/l	100
12) 1,1-Dichloroethene	4.04	96	35938	48.674	ug/l	96
13) Acrolein	3.89	56	11180	252.712	ug/l	99
14) Allyl chloride	4.66	41	53699	55.461	ug/l	96
15) Acrylonitrile	5.36	53	37130	262.488	ug/l	99
16) Acetone	4.12	43	32322	210.437	ug/l	93
17) Carbon Disulfide	4.38	76	105372	46.118	ug/l	99
18) Methyl Acetate	4.67	43	20493	56.102	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	64476	60.828	ug/l	99
20) Methylene Chloride	4.91	84	42243	55.716	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	40948	50.427	ug/l	94
22) Diisopropyl ether	6.31	45	106635	58.818	ug/l	97
23) Vinyl Acetate	6.26	43	288608	267.939	ug/l	98
24) 1,1-Dichloroethane	6.22	63	70438	52.813	ug/l	99
25) 2-Butanone	7.17	43	43254	240.427	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46485	47.629	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	46763	54.053	ug/l	98
28) Bromochloromethane	7.51	49	26373	57.996	ug/l	96
29) Tetrahydrofuran	7.52	42	27853	259.556	ug/l	98
30) Chloroform	7.68	83	77598	51.411	ug/l	99
31) Cyclohexane	7.96	56	57328	46.952	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	66080	48.070	ug/l	99
36) 1,1-Dichloropropene	8.08	75	56494	46.510	ug/l	98
37) Ethyl Acetate	7.26	43	20670	49.309	ug/l	99
38) Carbon Tetrachloride	8.07	117	58591	40.959	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68548	45.416	ug/l	95
40) Benzene	8.32	78	160959	49.659	ug/l	98
41) Methacrylonitrile	7.49	41	12176	51.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51302	47.230	ug/l	99
43) Isopropyl Acetate	8.43	43	41133	48.977	ug/l	99
44) Trichloroethene	9.09	130	46266	47.200	ug/l	98
45) 1,2-Dichloropropane	9.37	63	36621	50.918	ug/l	96
46) Dibromomethane	9.46	93	20614	46.562	ug/l	99
47) Bromodichloromethane	9.65	83	54759	47.048	ug/l	99
48) Methyl methacrylate	9.43	41	21192	50.552	ug/l	99
49) 1,4-Dioxane	9.45	88	7188	1024.042	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	96965	244.302	ug/l	99
52) Toluene	10.39	92	107093	49.245	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	57476	49.647	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63108	49.351	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30212	49.500	ug/l	96
56) Ethyl methacrylate	10.65	69	37380	51.836	ug/l	97
57) 1,3-Dichloropropane	10.93	76	50474	49.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85319	259.137	ug/l	99
59) 2-Hexanone	10.97	43	67273	241.008	ug/l	99
60) Dibromochloromethane	11.13	129	37220	46.057	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29854	48.302	ug/l	99
64) Tetrachloroethene	10.86	164	40615	49.592	ug/l	97
65) Chlorobenzene	11.66	112	123205	49.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42068	47.032	ug/l	97
67) Ethyl Benzene	11.73	91	215854	50.251	ug/l	97
68) m/p-Xylenes	11.84	106	166935	100.182	ug/l	100
69) o-Xylene	12.17	106	78403	50.196	ug/l	98
70) Styrene	12.18	104	131550	51.236	ug/l	100
71) Bromoform	12.35	173	19530	42.061	ug/l #	100
73) Isopropylbenzene	12.47	105	222539	51.315	ug/l	99
74) N-amyl acetate	12.27	43	39215	52.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	31575	48.561	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24528m	55.314	ug/l	
77) Bromobenzene	12.75	156	49824	50.132	ug/l	97
78) n-propylbenzene	12.81	91	253718	50.259	ug/l	99
79) 2-Chlorotoluene	12.90	91	152004	51.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	193796	51.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9485	44.899	ug/l	98
82) 4-Chlorotoluene	12.99	91	160063	51.118	ug/l	99
83) tert-Butylbenzene	13.21	119	169440	51.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199454	52.841	ug/l	99
85) sec-Butylbenzene	13.39	105	228030	50.411	ug/l	99
86) p-Isopropyltoluene	13.50	119	210287	51.125	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	99269	50.306	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99428	50.372	ug/l	99
89) n-Butylbenzene	13.83	91	187074	49.604	ug/l	99
90) Hexachloroethane	14.10	117	31914	44.195	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	89554	50.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5932	44.424	ug/l	96

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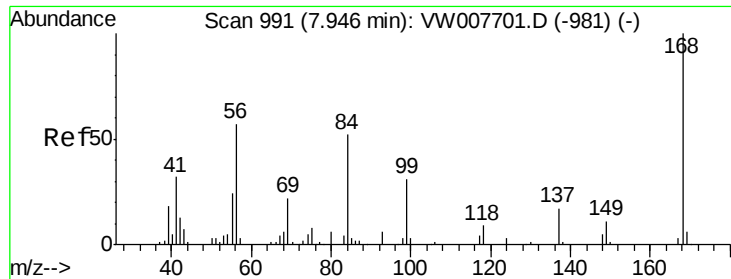
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61838	50.422	ug/l	99
94) Hexachlorobutadiene	15.24	225	32742	49.956	ug/l	100
95) Naphthalene	15.37	128	120056	52.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52928	50.417	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 74835

Ion Ratio Lower Upper

168 100

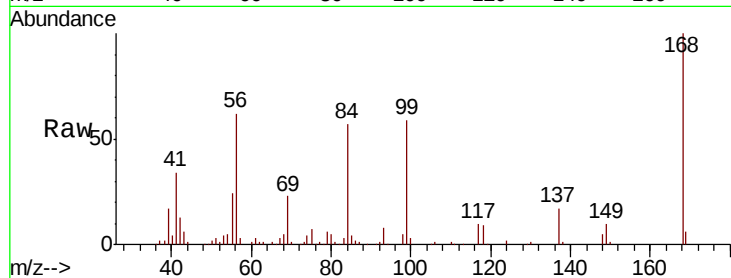
99 59.5 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

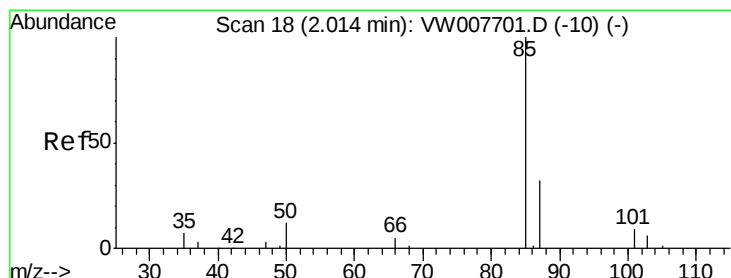
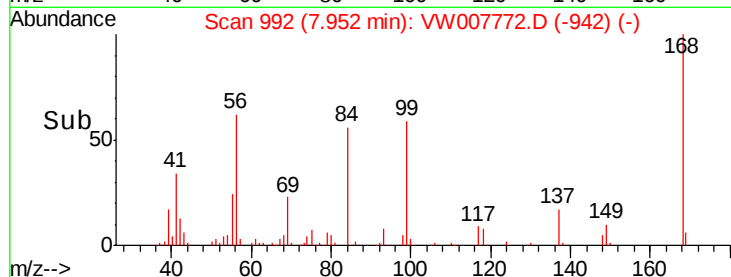
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 40.236 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007772.D

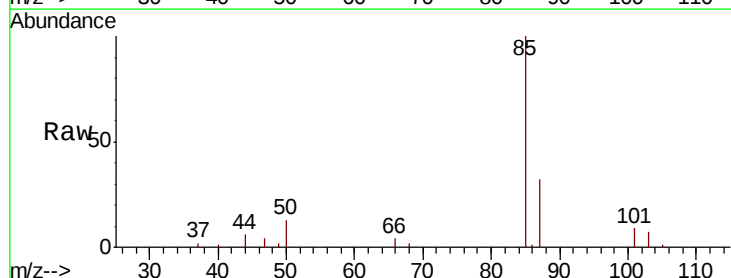
Acq: 21 Dec 2018 04:21

Tgt Ion: 85 Resp: 26768

Ion Ratio Lower Upper

85 100

87 32.0 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

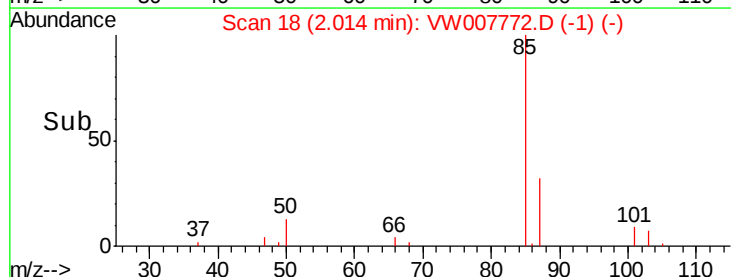
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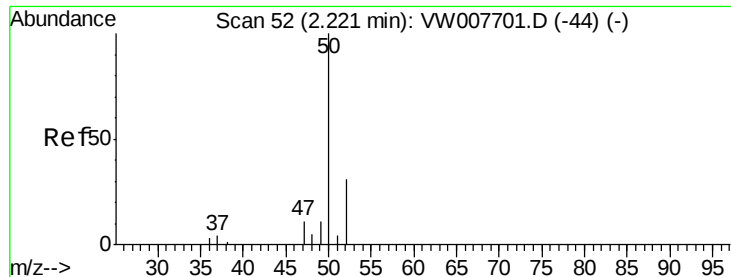
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 60.592 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 24753

Ion Ratio Lower Upper

50 100

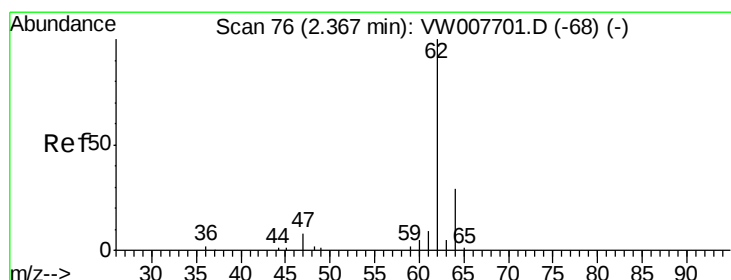
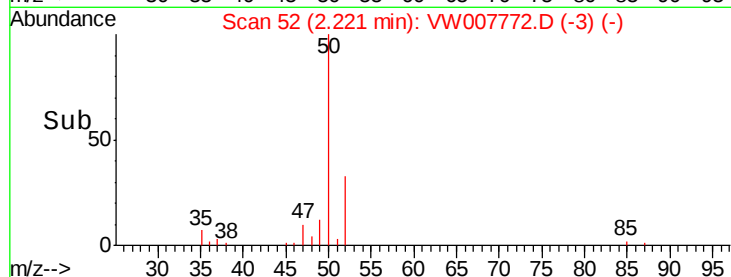
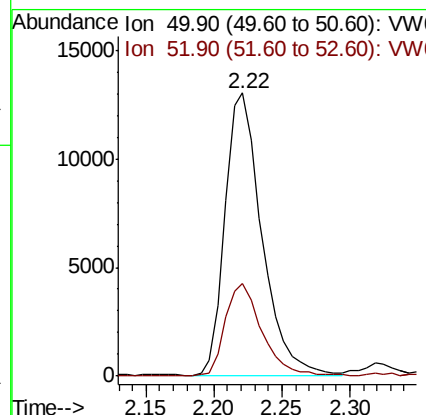
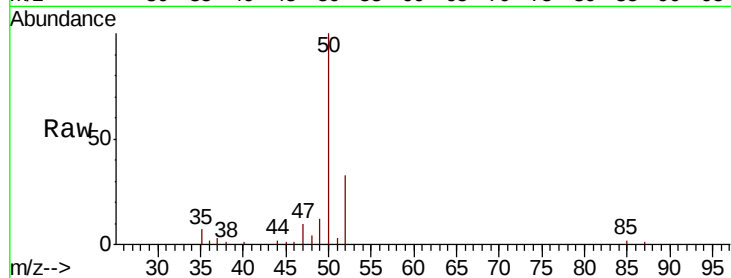
52 32.9 25.1 37.7

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#4

Vinyl Chloride

Concen: 57.499 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007772.D

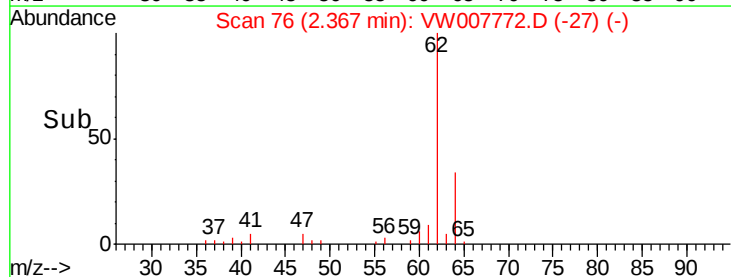
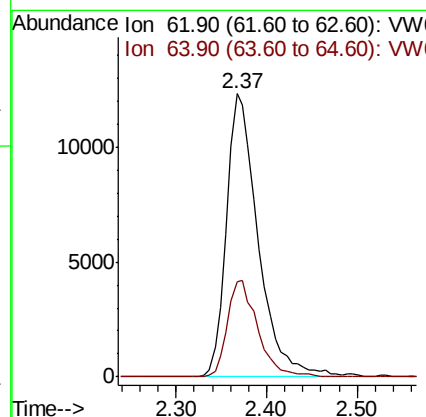
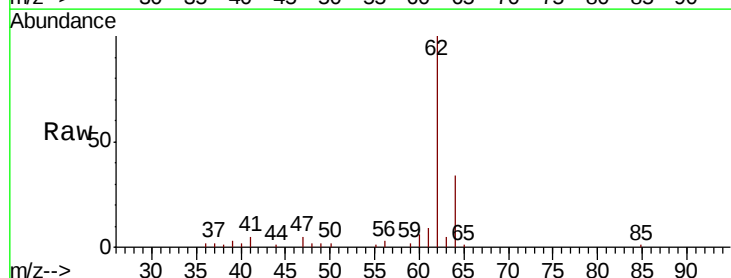
Acq: 21 Dec 2018 04:21

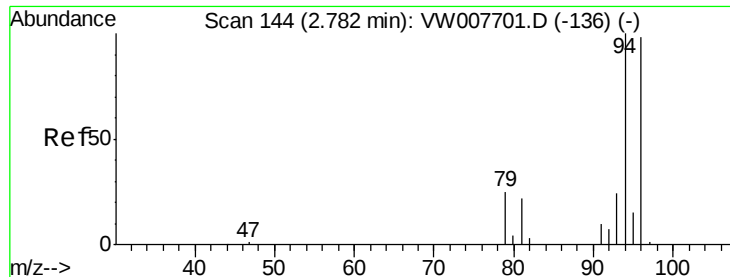
Tgt Ion: 62 Resp: 29901

Ion Ratio Lower Upper

62 100

64 33.5 23.4 35.0





#5

Bromomethane

Concen: 61.480 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 22268

Ion Ratio Lower Upper

94 100

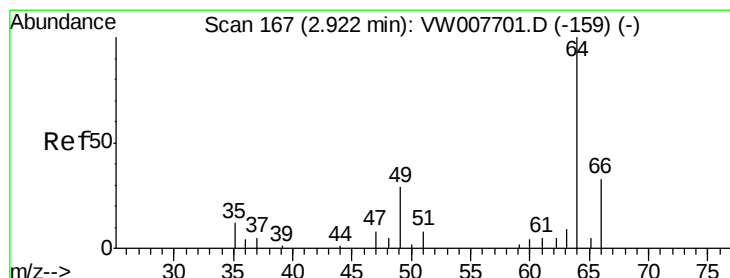
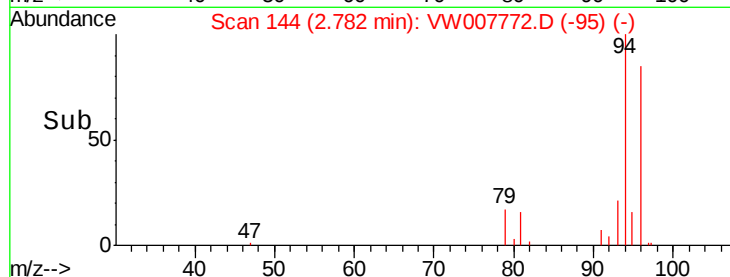
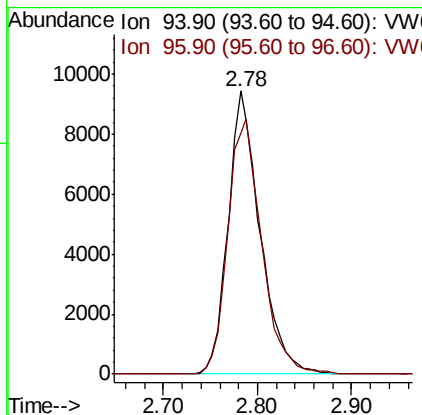
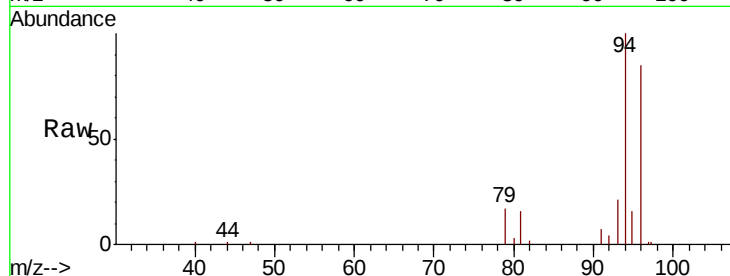
96 85.3 78.2 117.2

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#6

Chloroethane

Concen: 67.057 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007772.D

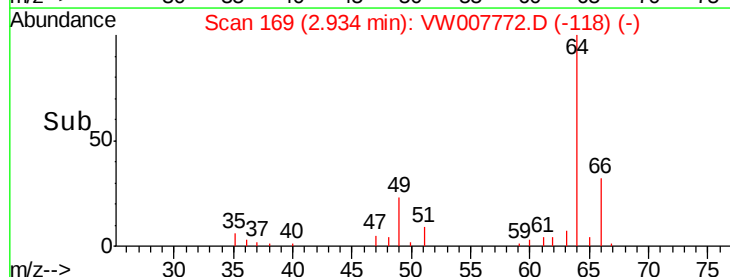
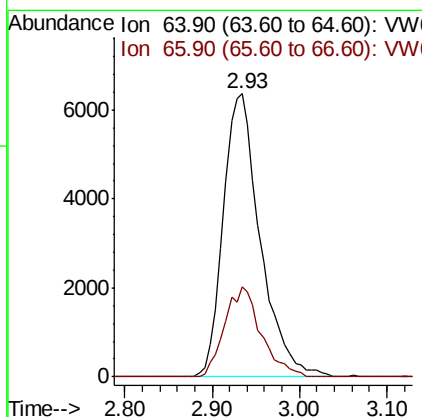
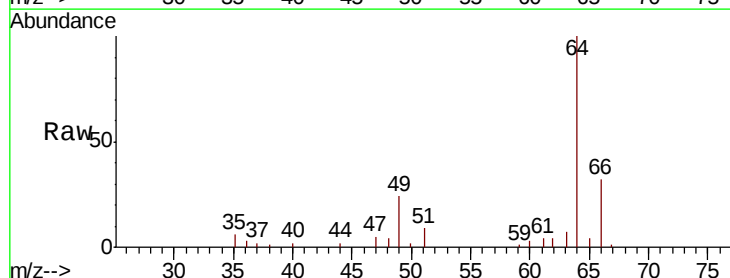
Acq: 21 Dec 2018 04:21

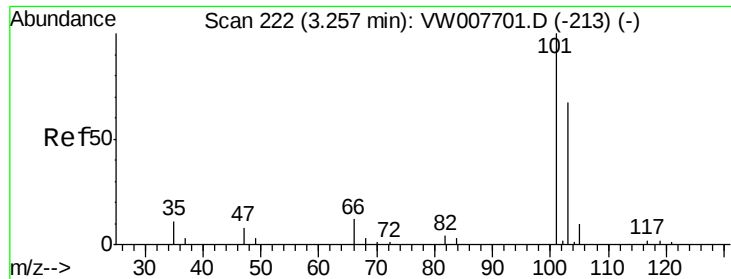
Tgt Ion: 64 Resp: 18656

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4





#7

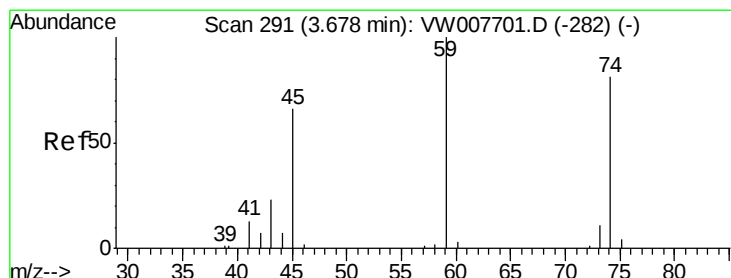
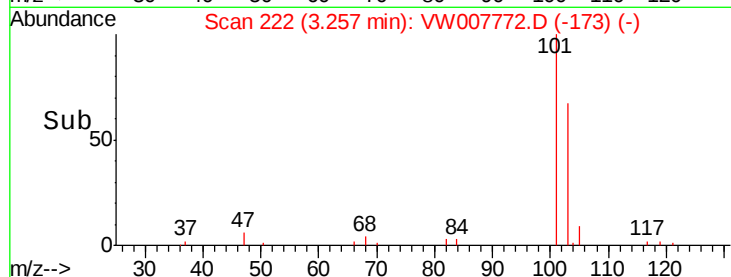
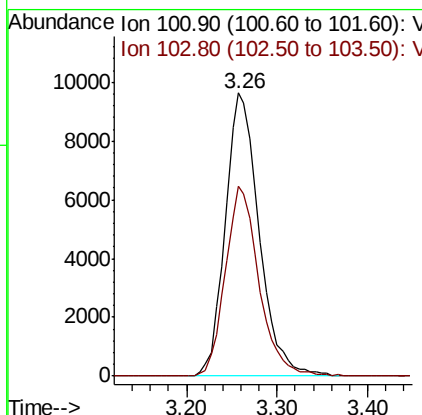
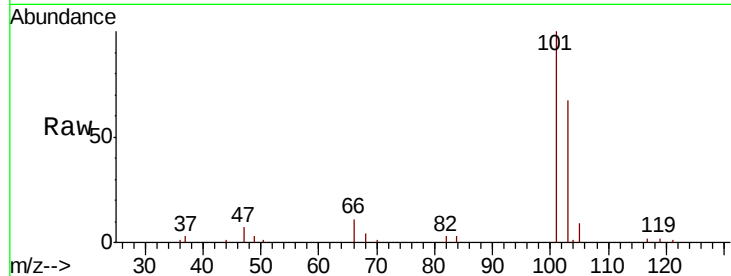
Trichlorofluoromethane
 Concen: 45.964 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

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 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.3	53.4	80.2

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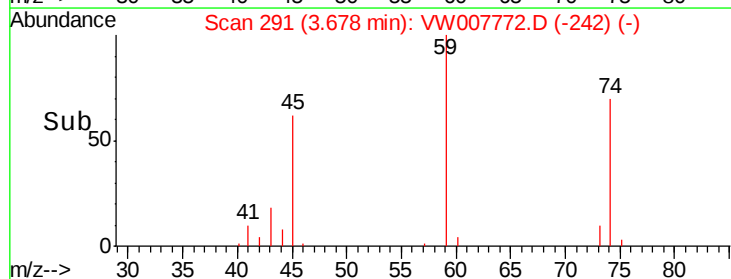
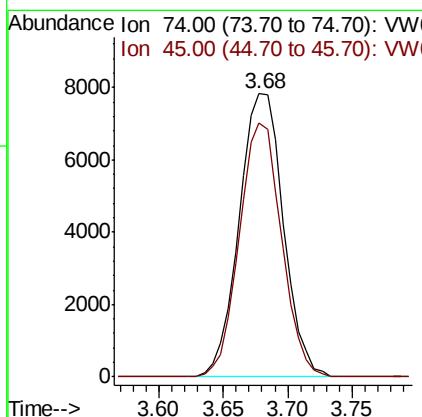
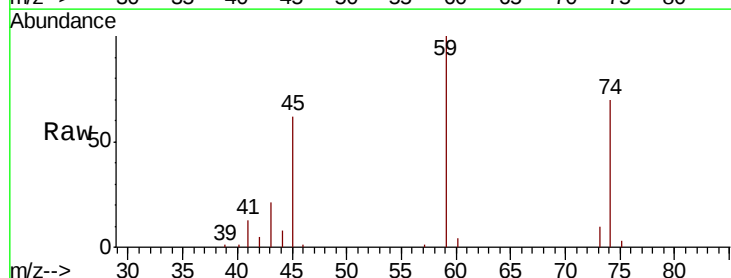
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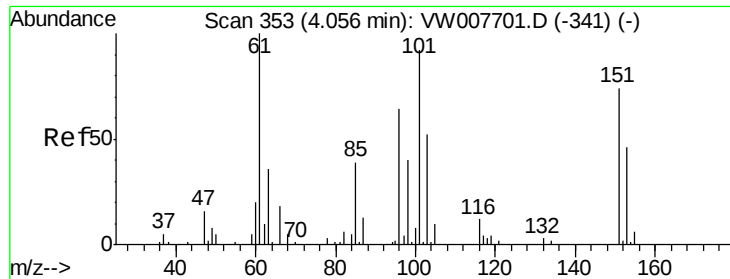


#8

Diethyl Ether
 Concen: 56.120 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.4	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.276 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

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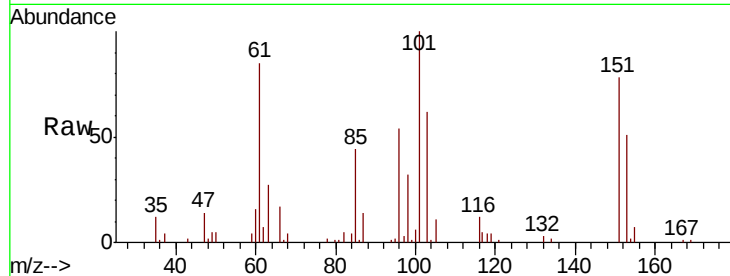
ClientSampleId :

VSTDCCC050

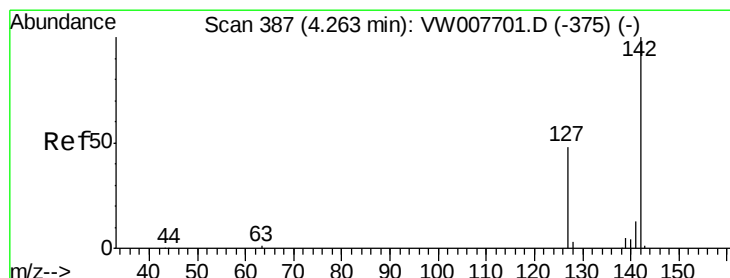
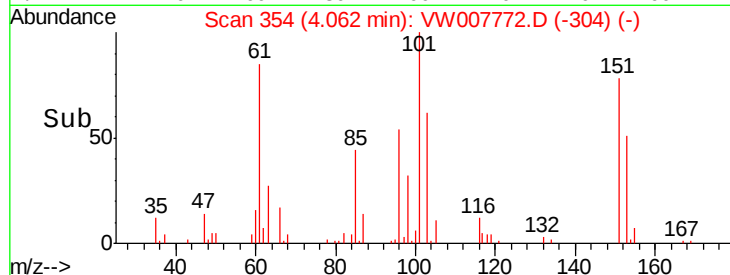
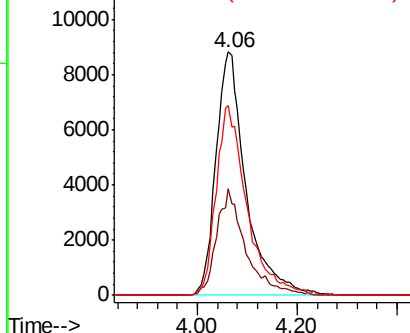
Tgt Ion:	101	Resp:	36898
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.3	51.5
151	79.9	64.6	96.8

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



#10

Methyl Iodide

Concen: 51.099 ug/l

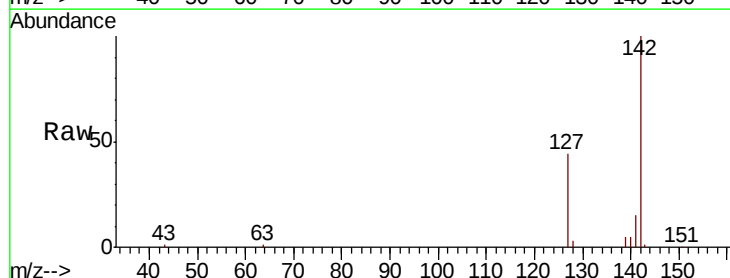
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

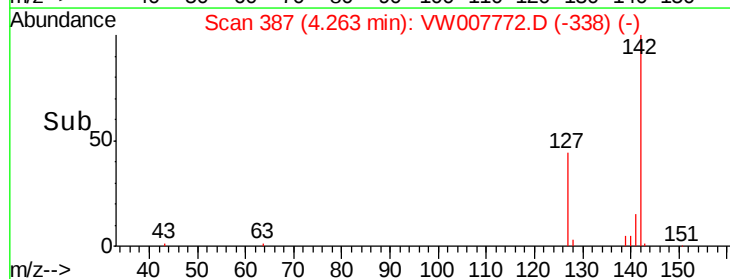
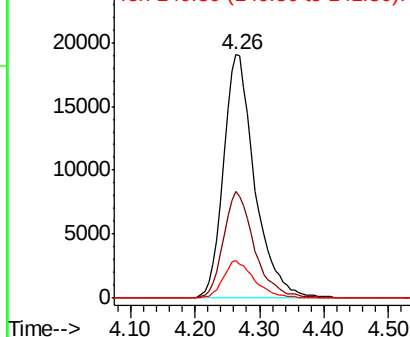
Lab File: VW007772.D

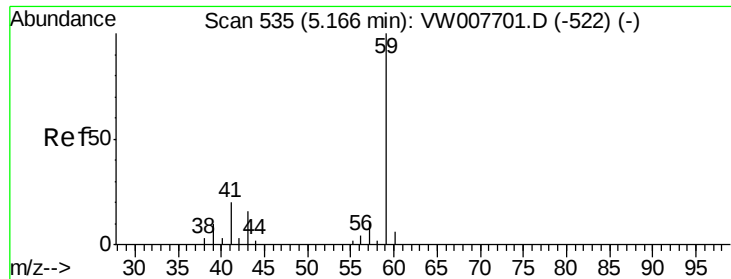
Acq: 21 Dec 2018 04:21

Tgt Ion:	142	Resp:	64794
Ion Ratio	Lower	Upper	
142	100		
127	43.2	37.7	56.5
141	15.1	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





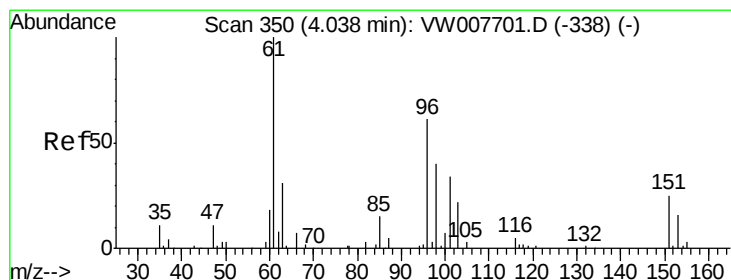
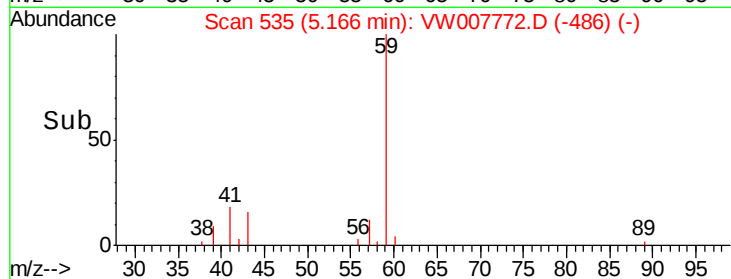
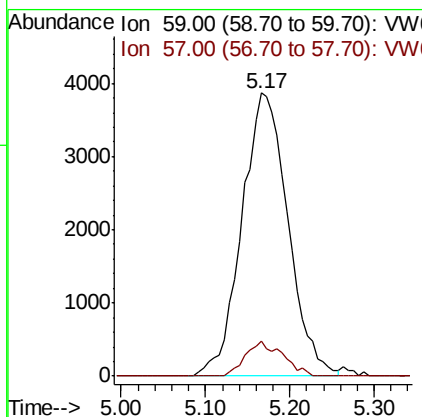
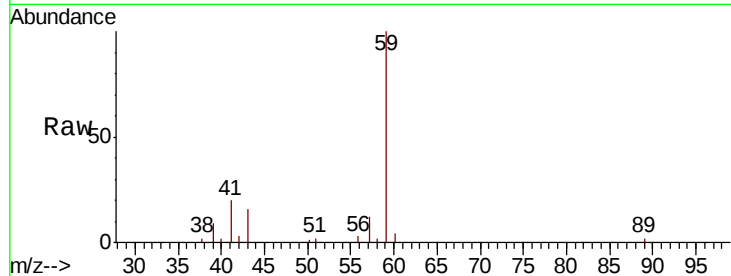
#11
Tert butyl alcohol
Concen: 261.501 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

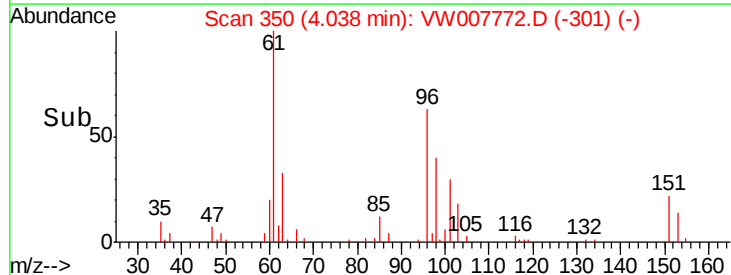
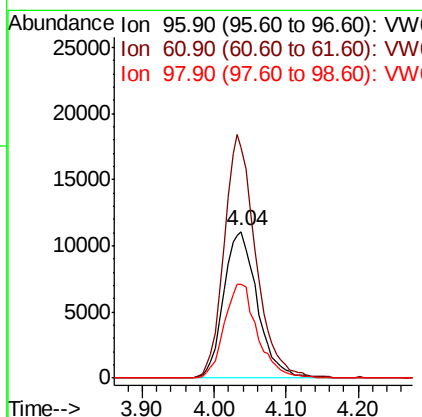
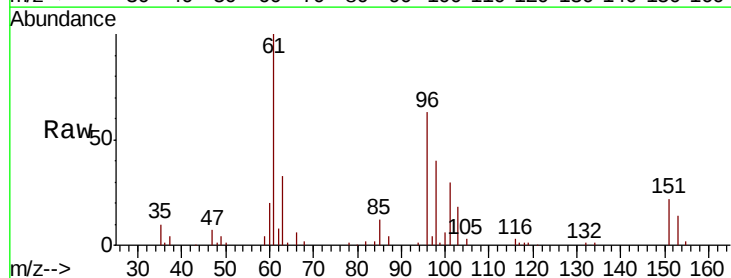
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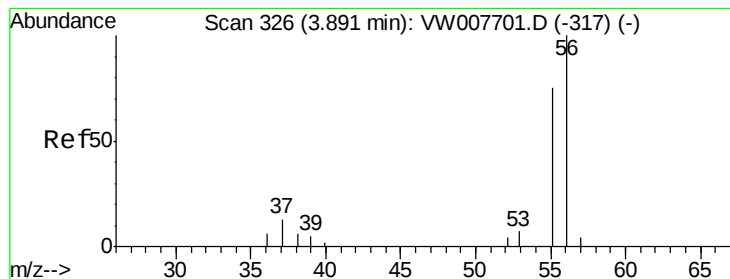
apatel
12/21/2018 11:04:43 AM



#12
1,1-Dichloroethene
Concen: 48.674 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	130.6	195.8
98	63.7	52.3	78.5





#13

Acrolein

Concen: 252.712 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 11180

Ion Ratio Lower Upper

56 100

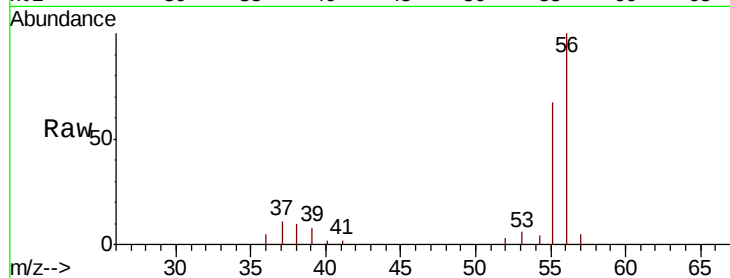
55 73.3 57.7 86.5

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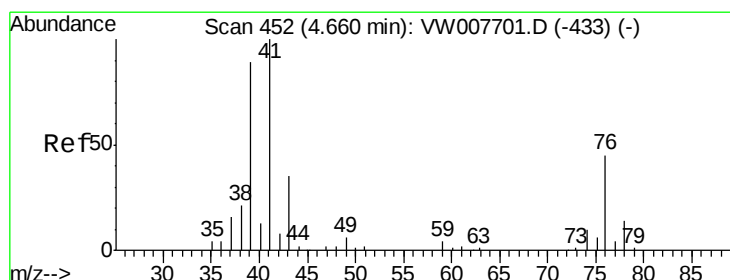
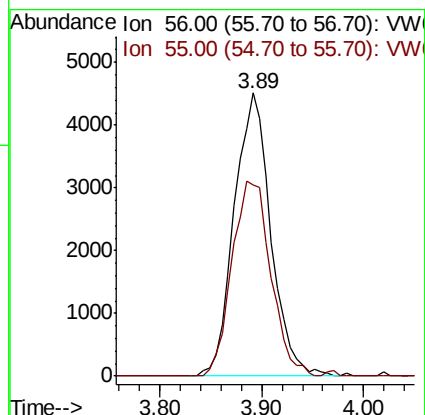
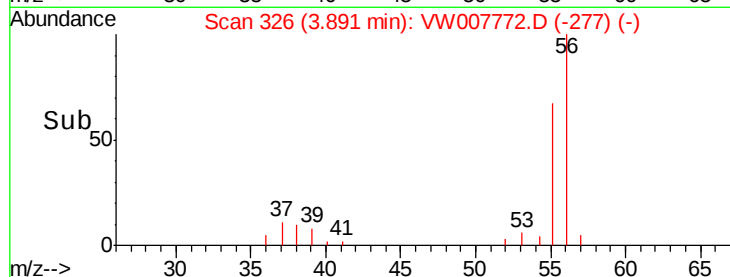
12/21/2018 11:04:43 AM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89



#14

Allyl chloride

Concen: 55.461 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

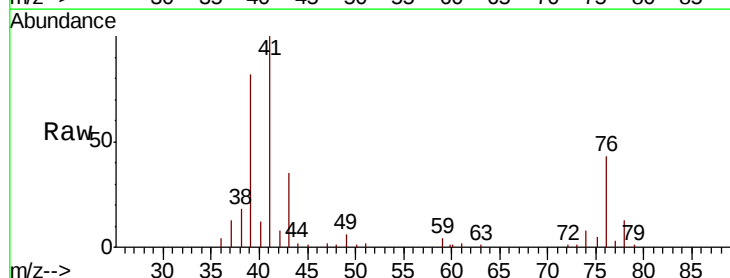
Tgt Ion: 41 Resp: 53699

Ion Ratio Lower Upper

41 100

39 82.1 69.5 104.3

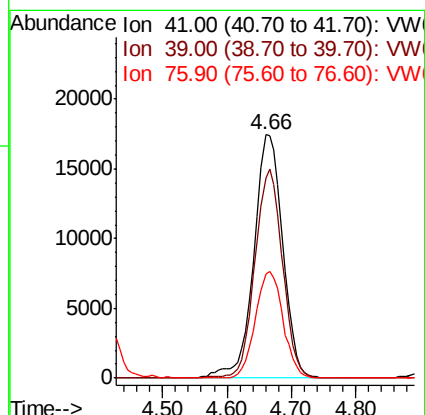
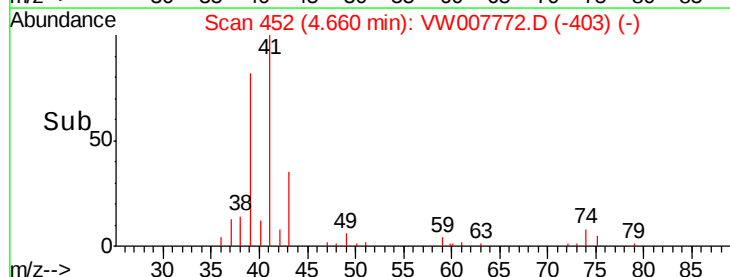
76 41.8 34.8 52.2

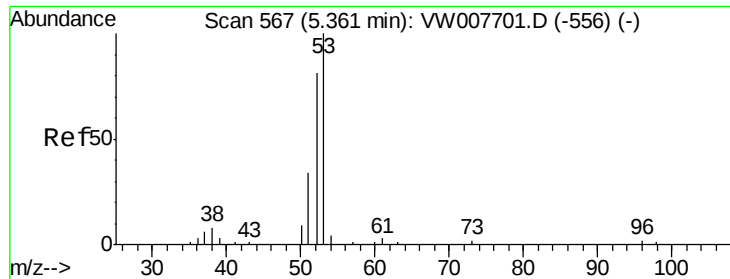


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 262.488 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

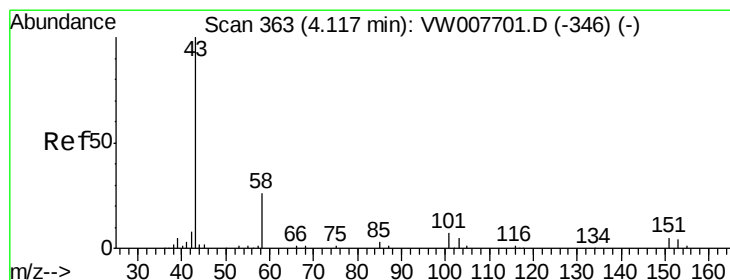
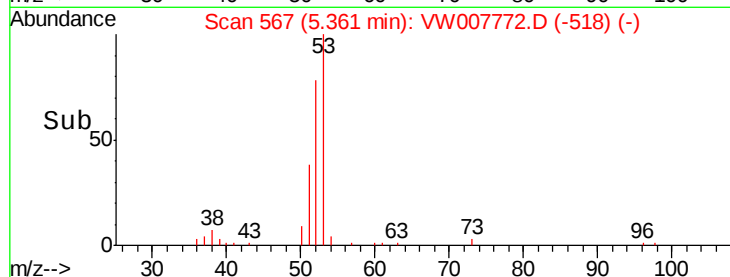
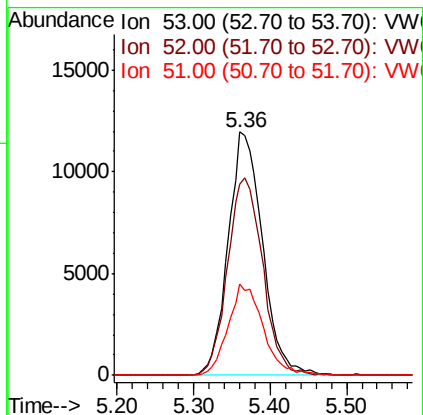
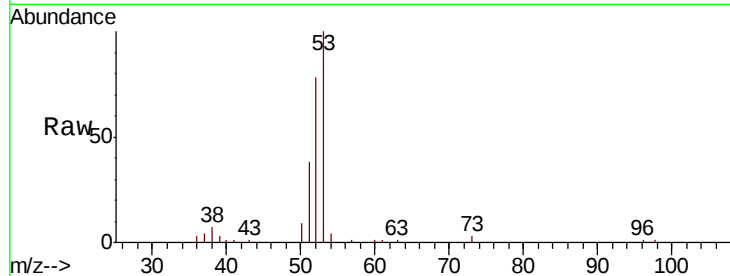
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	37130
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	38.2	30.2	45.2

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#16

Acetone

Concen: 210.437 ug/l

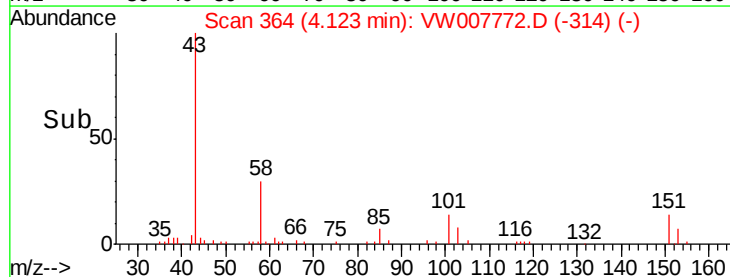
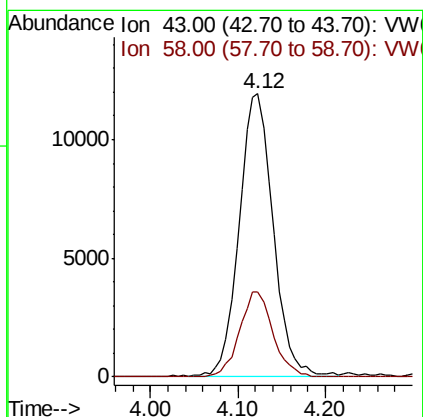
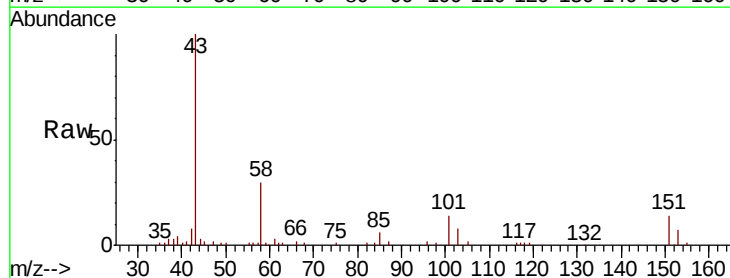
RT: 4.12 min Scan# 364

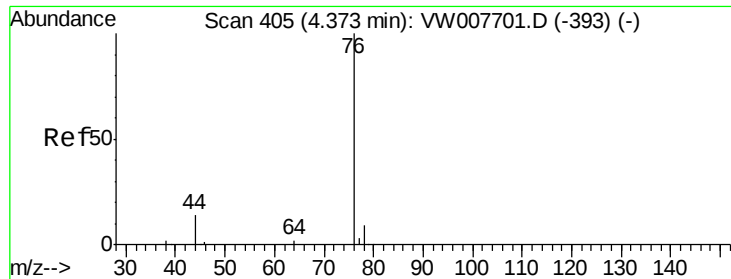
Delta R.T. 0.01 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion:	43	Resp:	32322
Ion	Ratio	Lower	Upper
43	100		
58	30.1	21.2	31.8





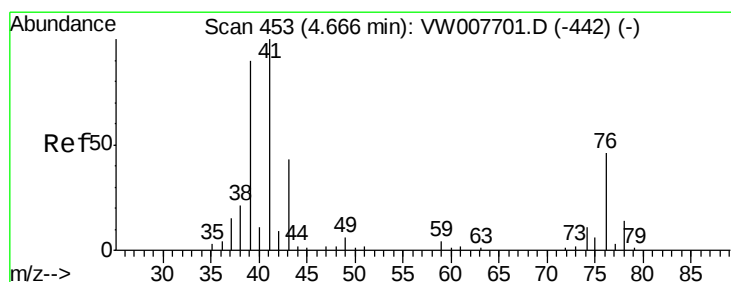
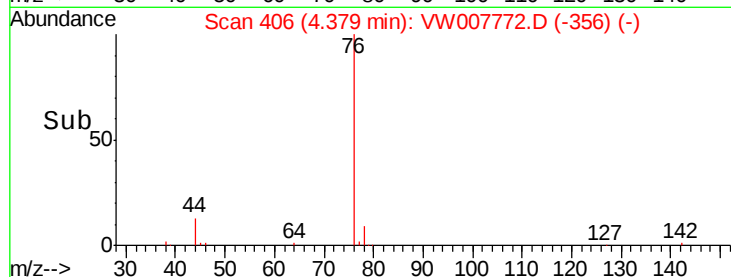
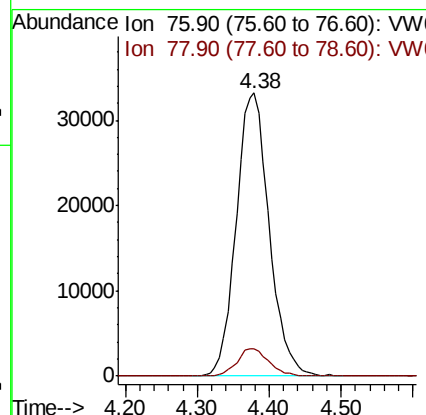
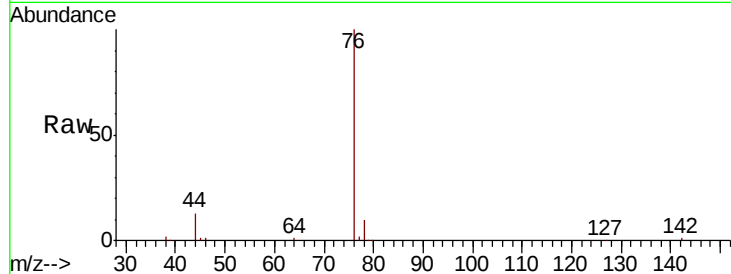
#17
Carbon Disulfide
Concen: 46.118 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 105372
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

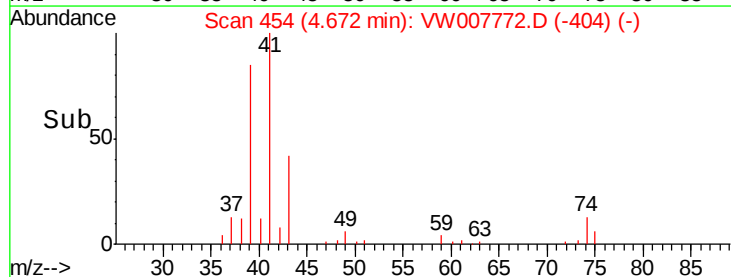
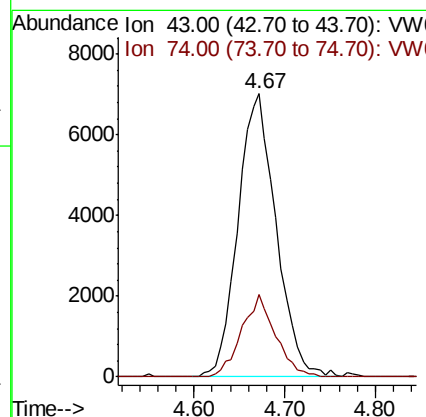
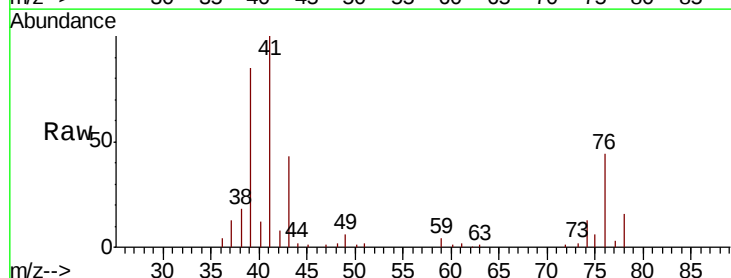
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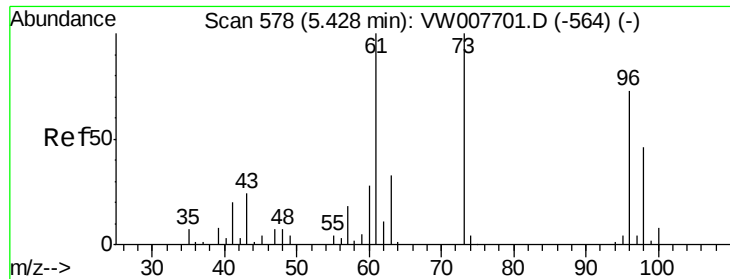
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#18
Methyl Acetate
Concen: 56.102 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 43 Resp: 20493
Ion Ratio Lower Upper
43 100
74 25.8 22.7 34.1





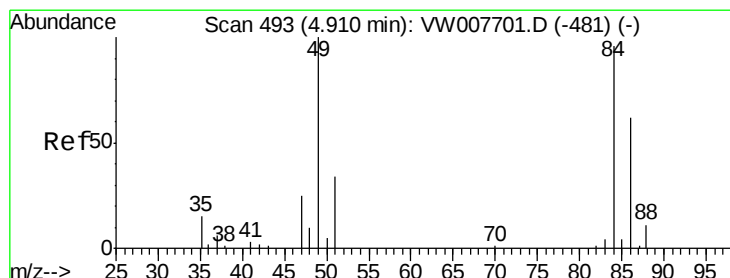
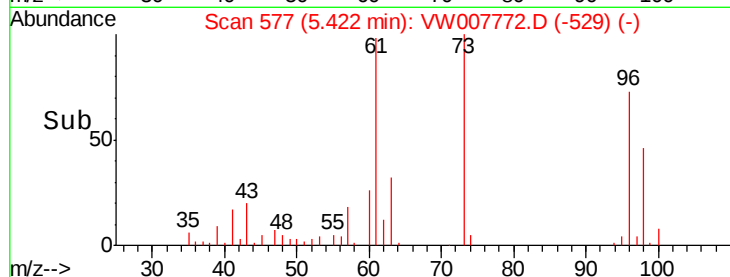
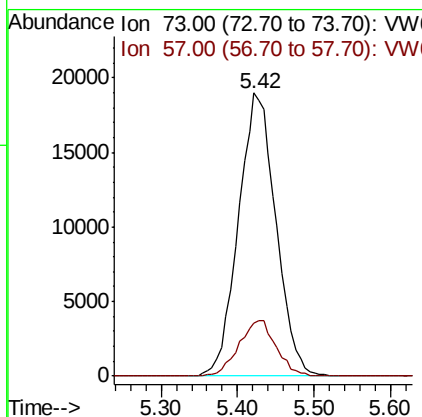
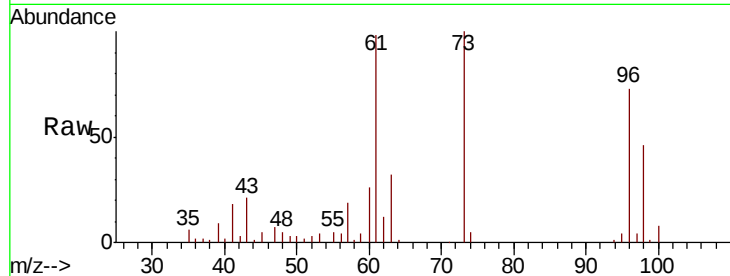
#19
Methyl tert-butyl Ether
Concen: 60.828 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 64476
Ion Ratio Lower Upper
73 100
57 18.7 14.7 22.1

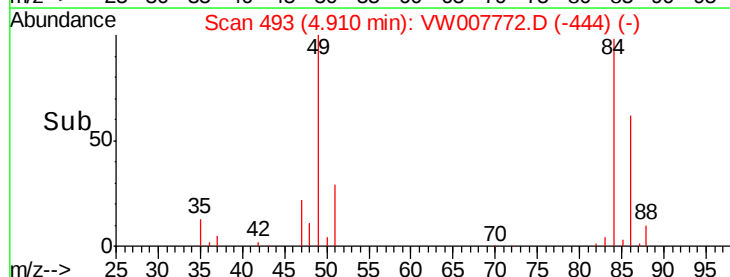
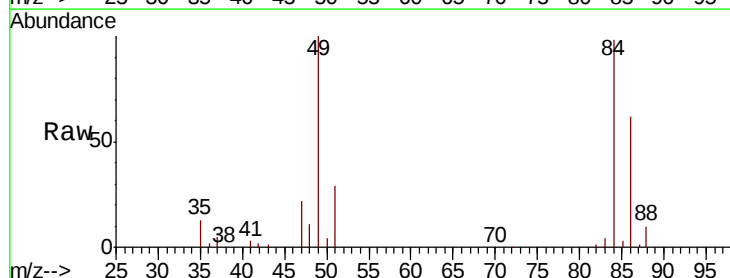
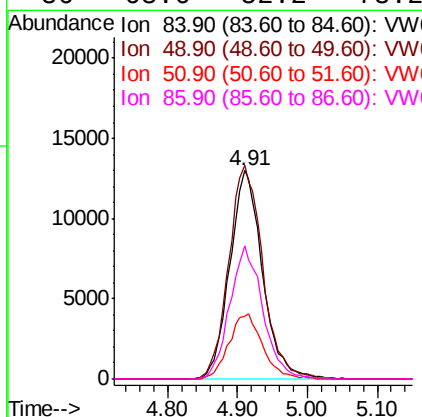
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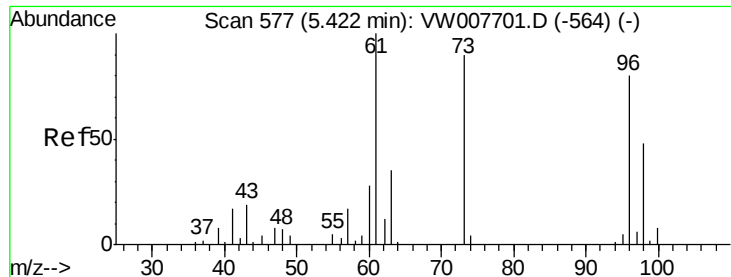
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#20
Methylene Chloride
Concen: 55.716 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 84 Resp: 42243
Ion Ratio Lower Upper
84 100
49 102.5 83.7 125.5
51 29.8 28.2 42.2
86 63.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 50.427 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

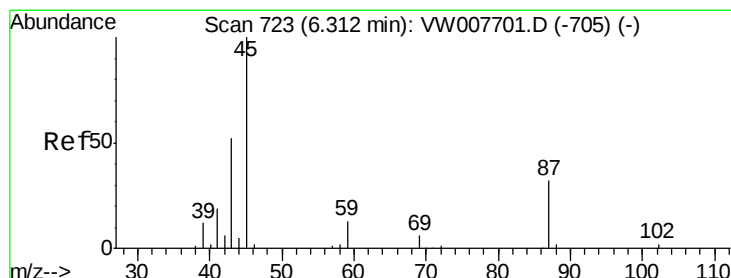
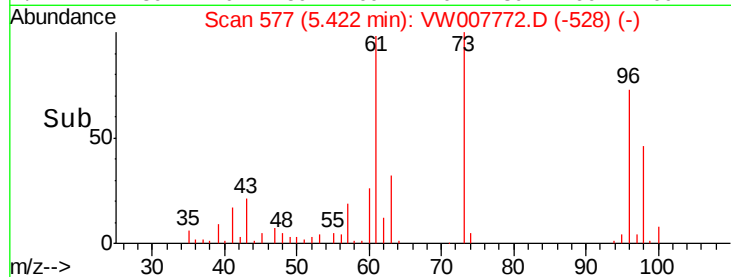
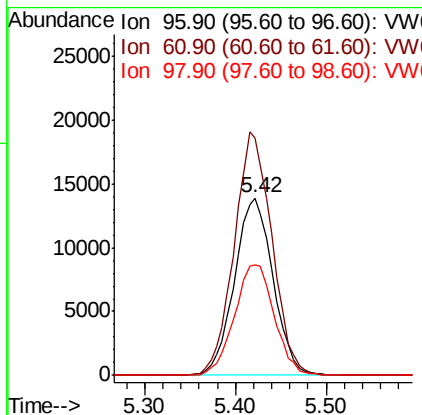
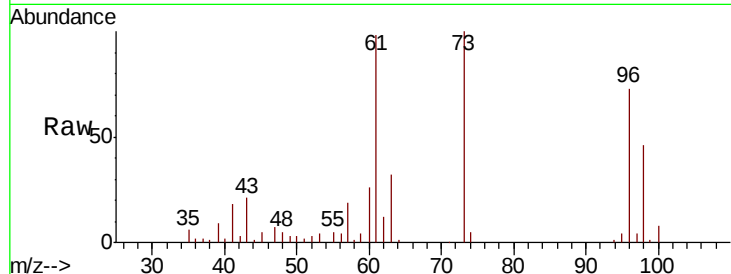
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	40948
Ion	Ratio	Lower	Upper
96	100		
61	133.7	100.1	150.1
98	62.2	48.5	72.7

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#22

Diisopropyl ether

Concen: 58.818 ug/l

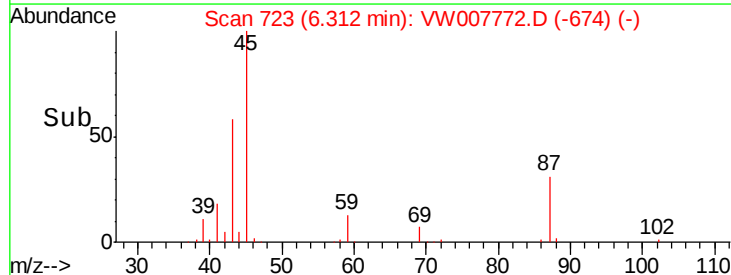
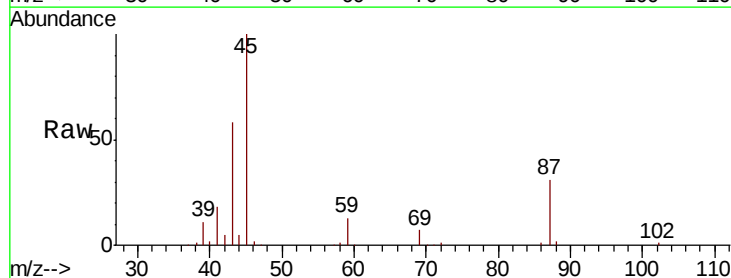
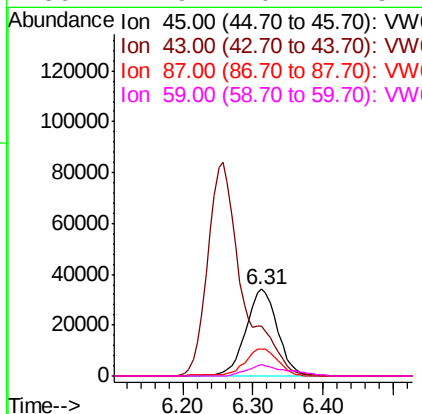
RT: 6.31 min Scan# 723

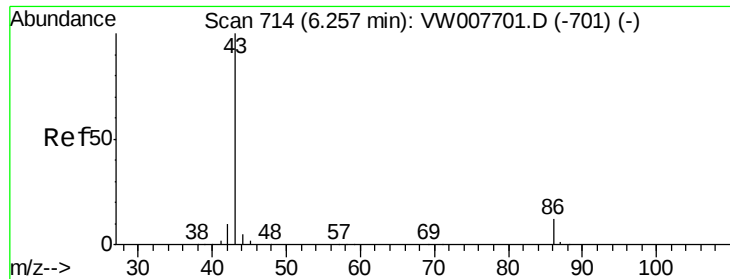
Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion:	45	Resp:	106635
Ion	Ratio	Lower	Upper
45	100		
43	57.0	43.7	65.5
87	31.4	26.6	40.0
59	12.9	10.2	15.2





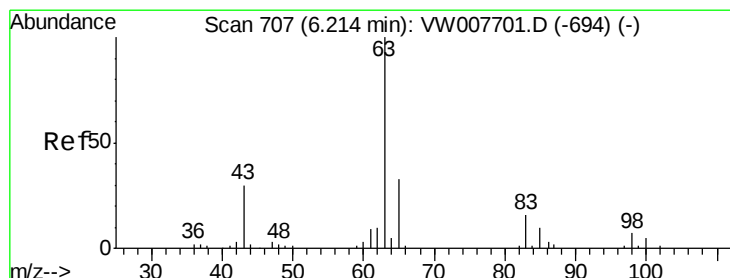
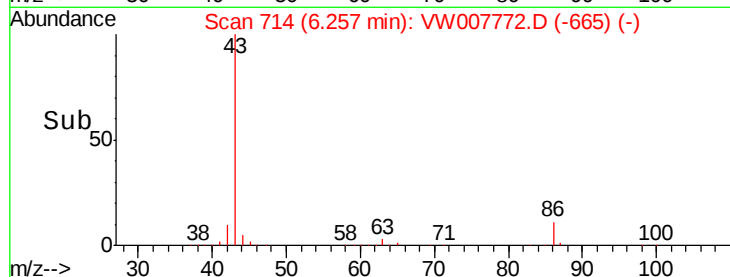
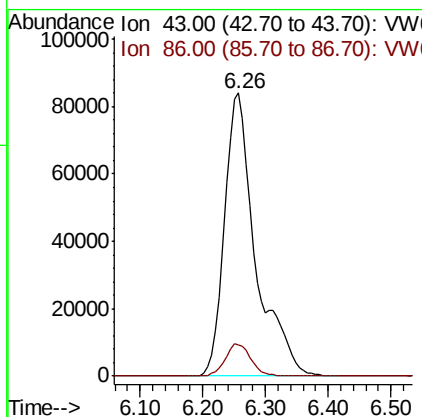
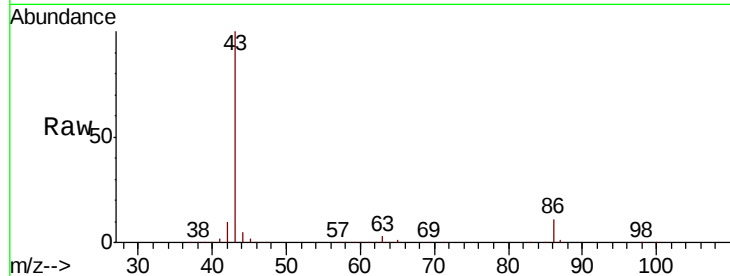
#23
 Vinyl Acetate
 Concen: 267.939 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
86	11.2	9.6	14.4

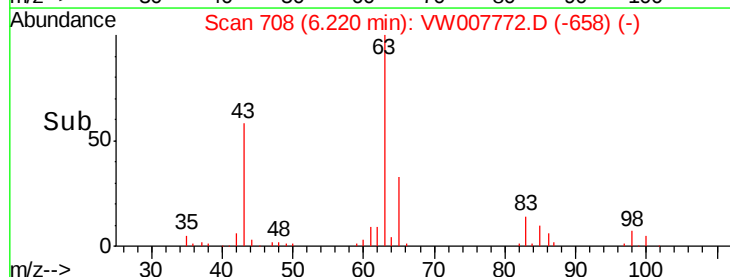
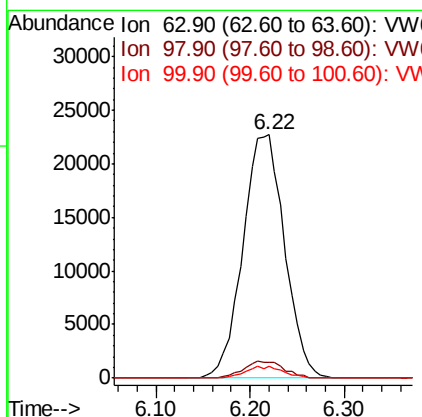
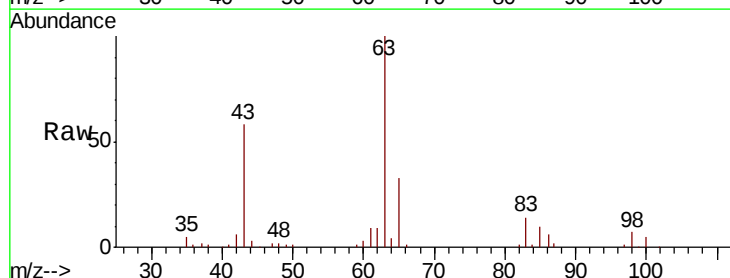
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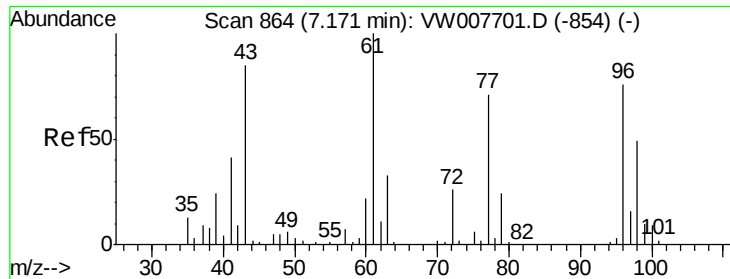
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#24
 1,1-Dichloroethane
 Concen: 52.813 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.9
100	4.8	2.5	7.5





#25

2-Butanone

Concen: 240.427 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 43254

Ion Ratio Lower Upper

43 100

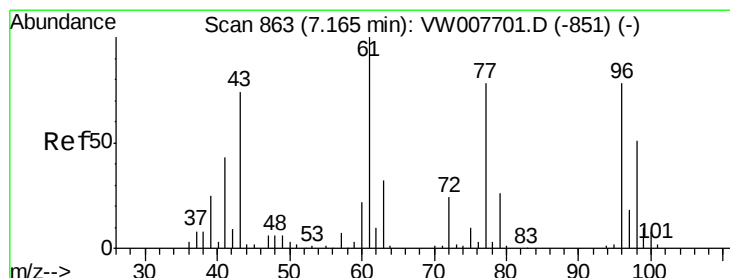
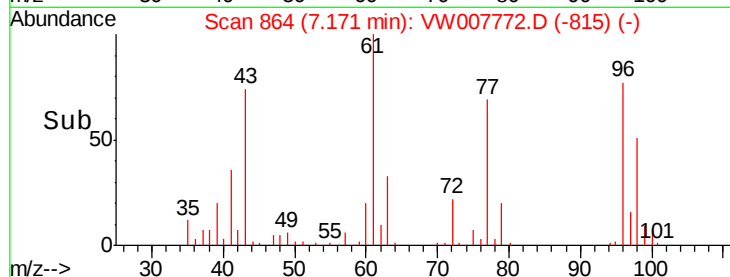
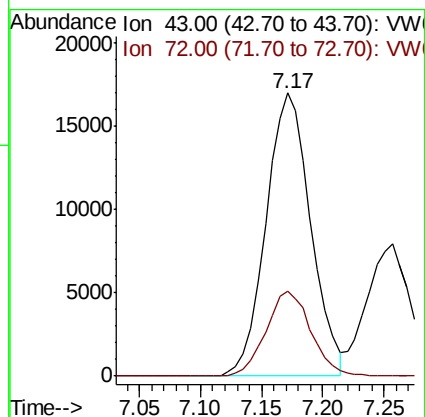
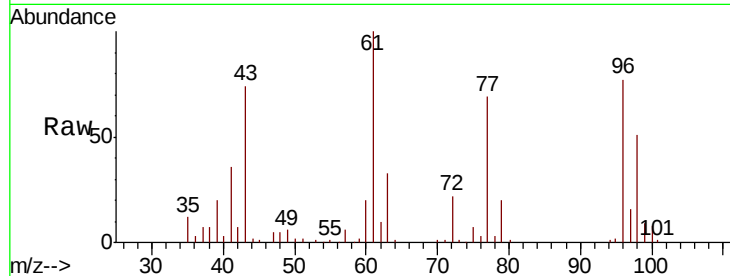
72 30.2 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 47.629 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007772.D

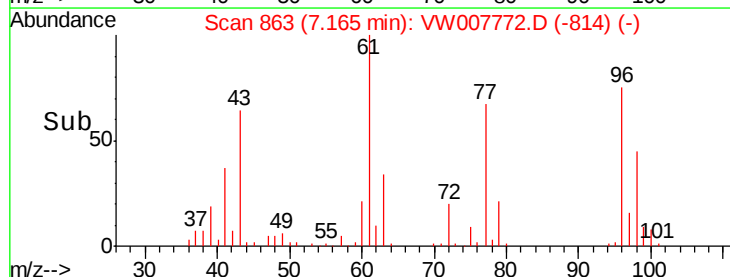
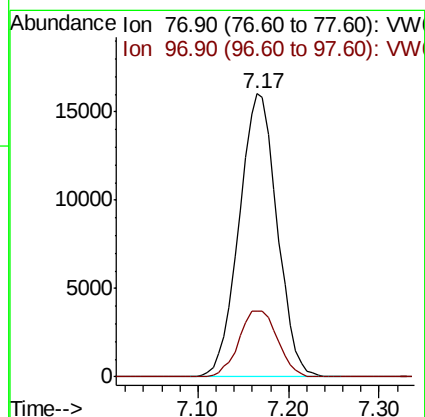
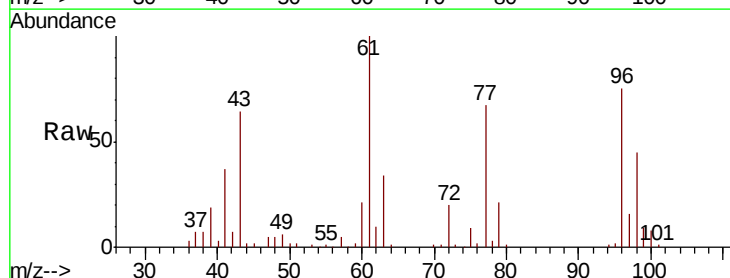
Acq: 21 Dec 2018 04:21

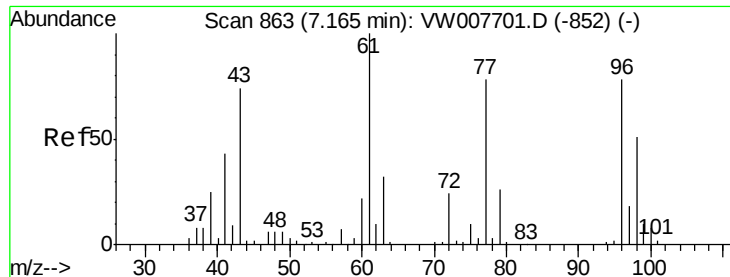
Tgt Ion: 77 Resp: 46485

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.9





#27

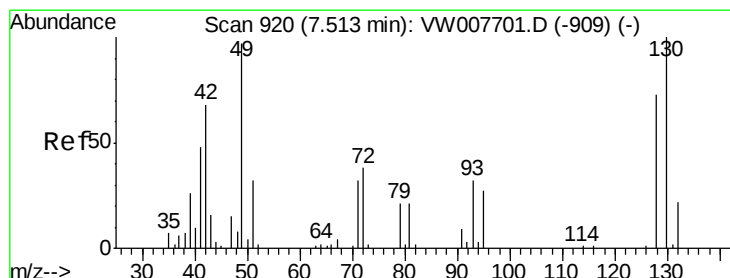
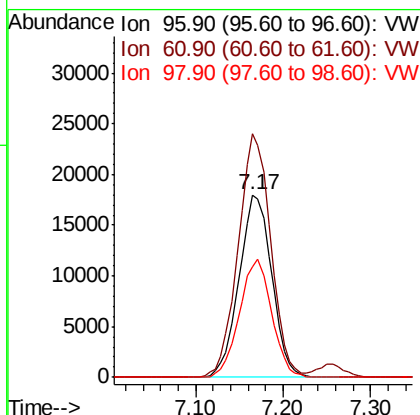
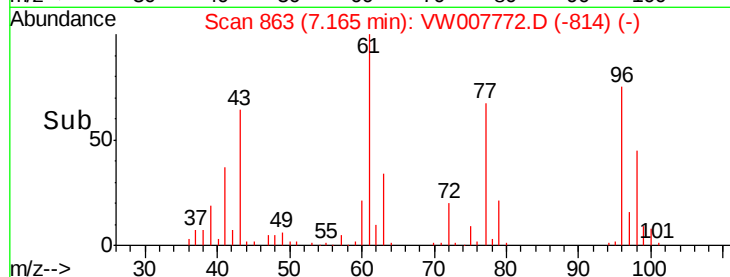
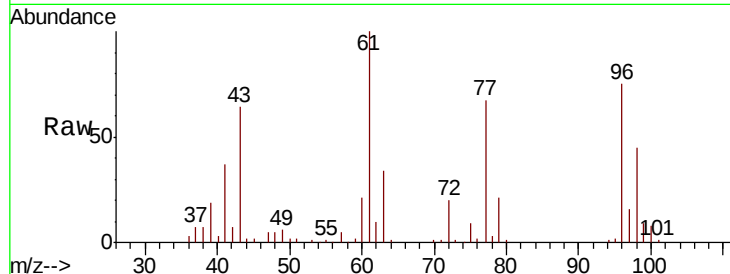
cis-1,2-Dichloroethene
Concen: 54.053 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	271.6
98	63.7	0.0	131.2

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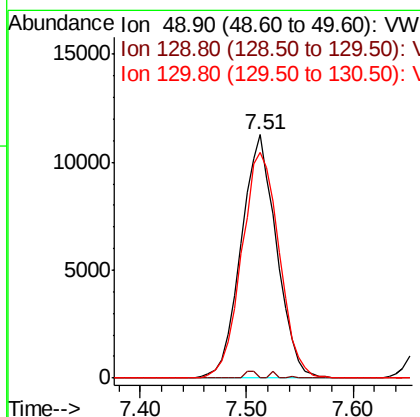
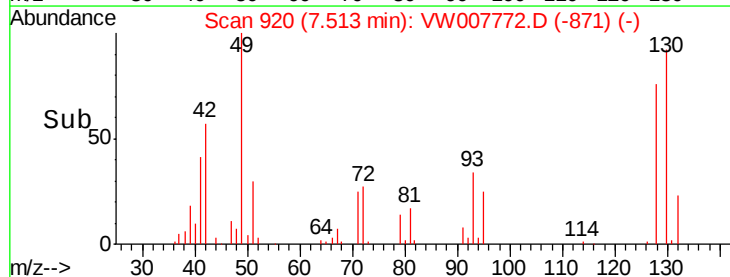
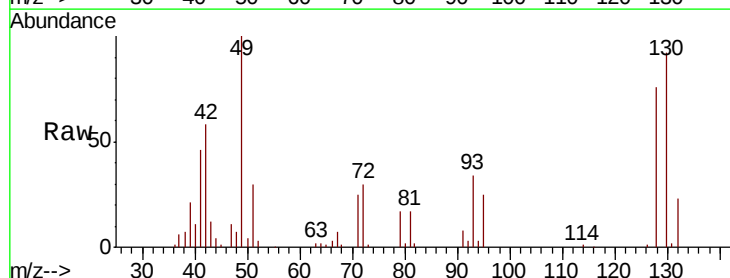
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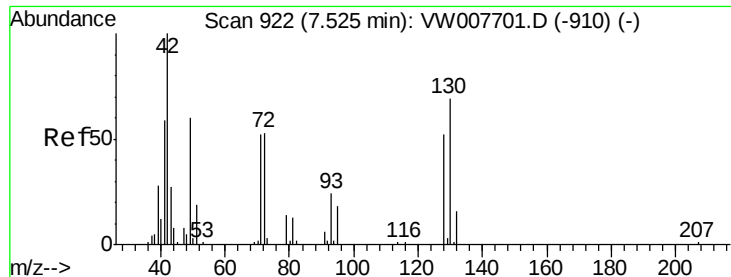


#28

Bromochloromethane
Concen: 57.996 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	98.0	81.5	122.3





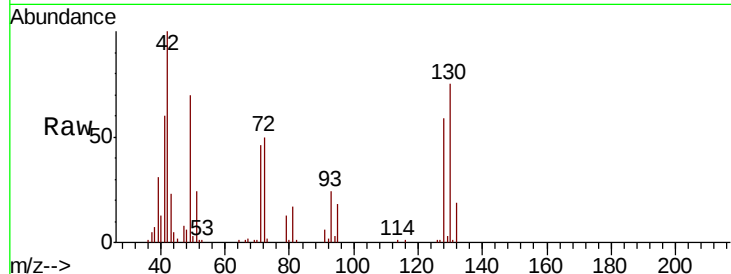
#29
Tetrahydrofuran
Concen: 259.556 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

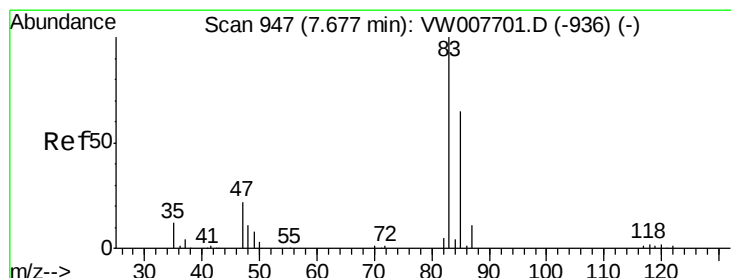
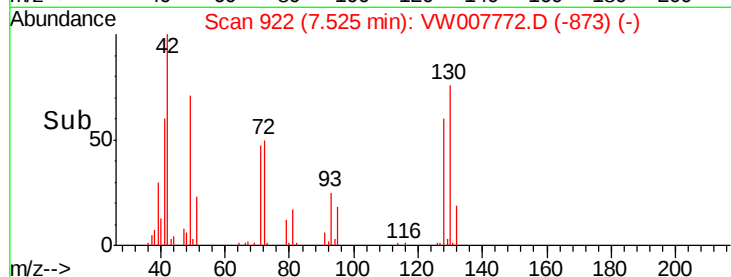
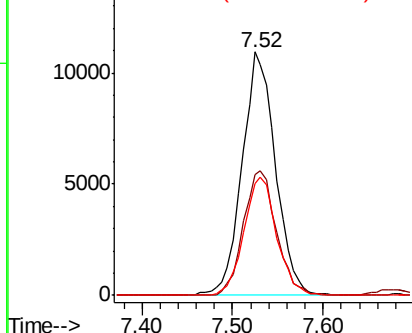
Tgt Ion: 42 Resp: 27853
Ion Ratio Lower Upper
42 100
72 50.8 41.7 62.5
71 47.6 39.0 58.6

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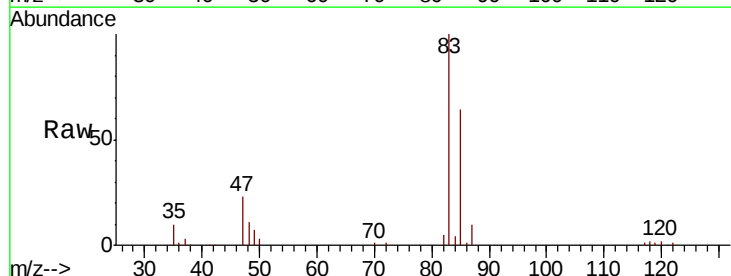


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

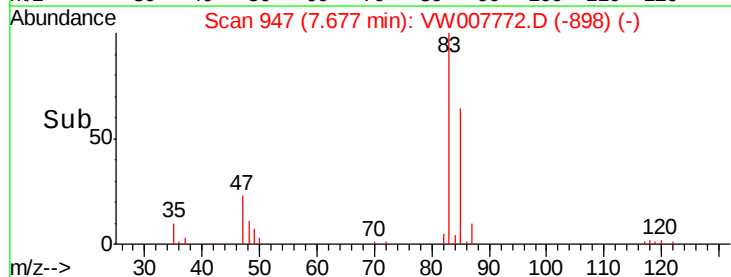
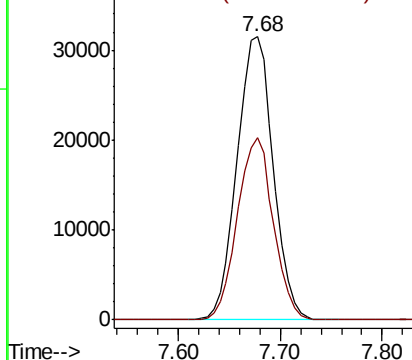


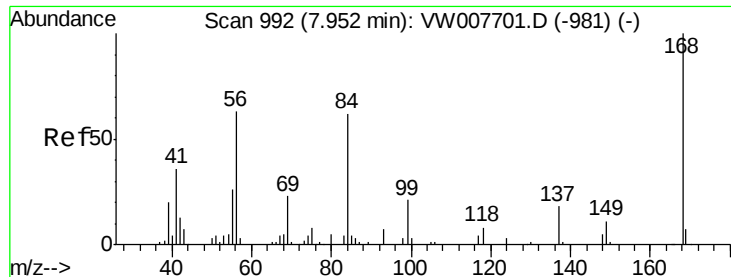
#30
Chloroform
Concen: 51.411 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 83 Resp: 77598
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





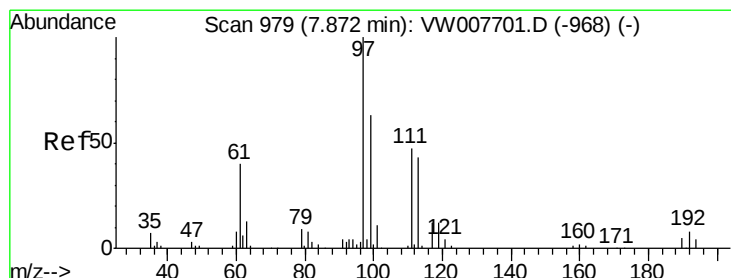
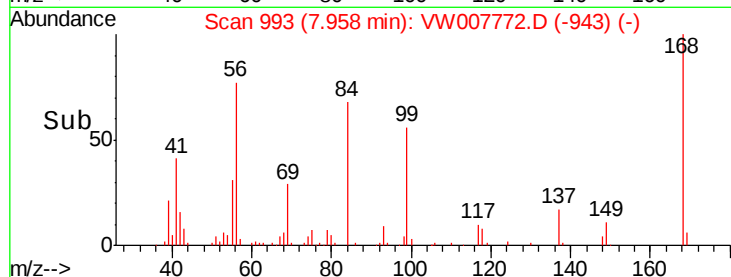
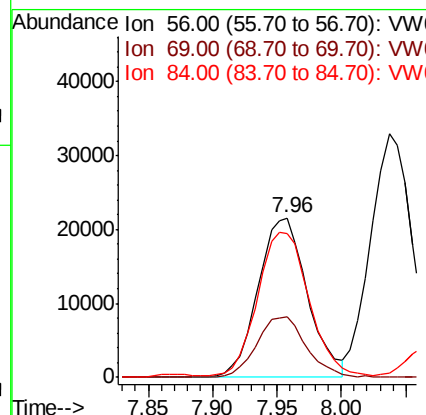
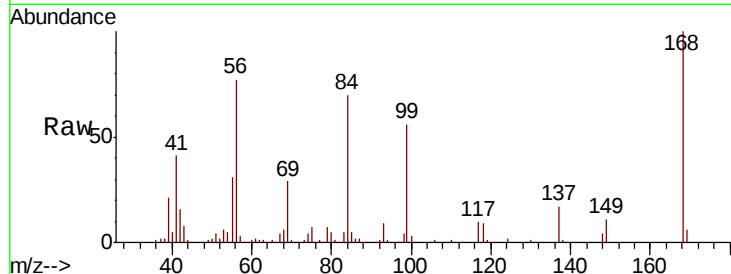
#31
Cyclohexane
Concen: 46.952 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.9	29.7	44.5
84	89.2	78.9	118.3

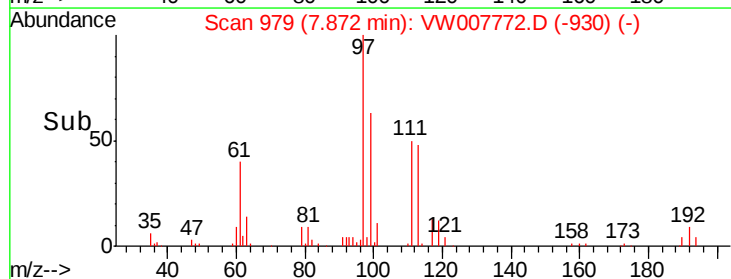
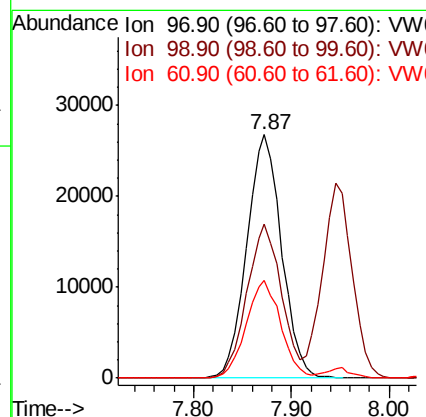
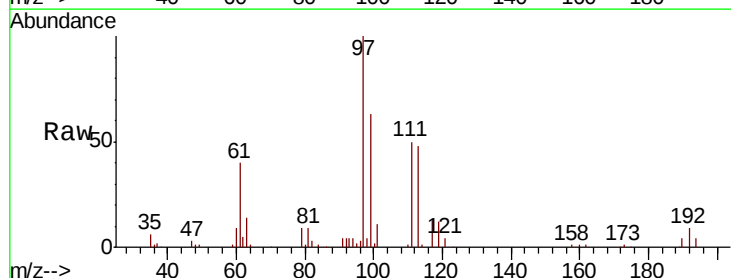
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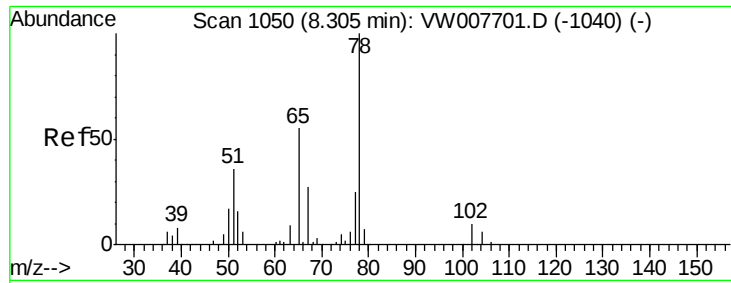
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#32
1,1,1-Trichloroethane
Concen: 48.070 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	40.0	32.3	48.5





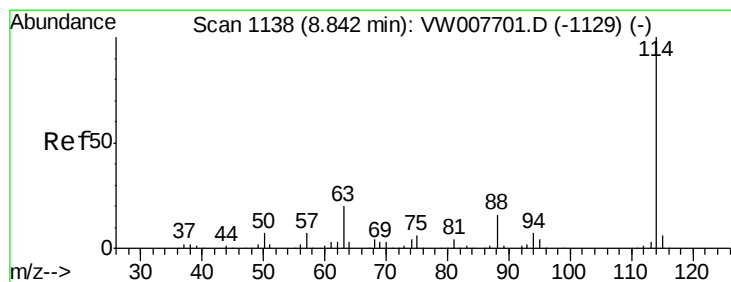
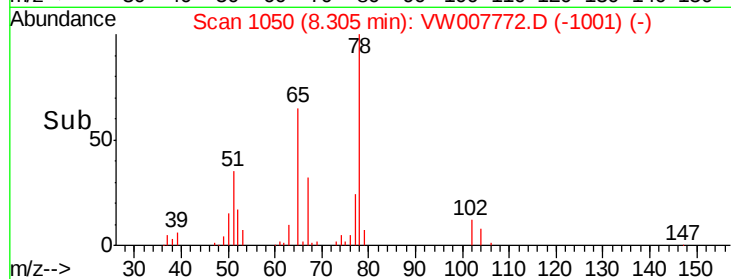
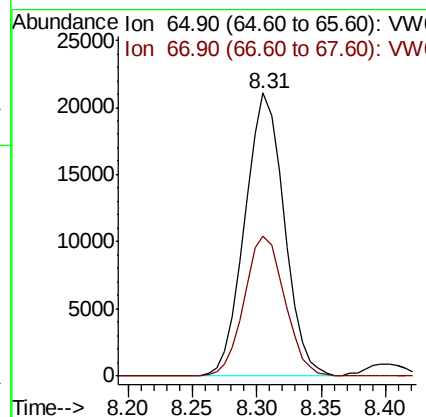
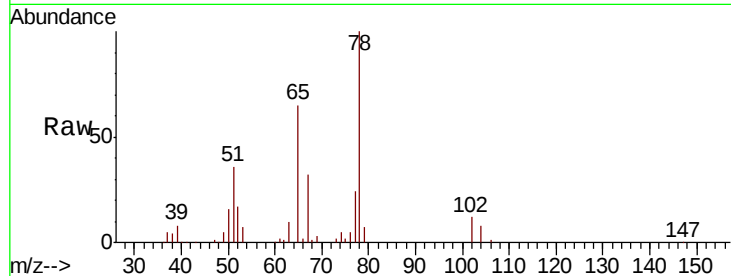
#33
 1,2-Dichloroethane-d4
 Concen: 54.461 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	44670		
67	50.7	0.0	100.6	

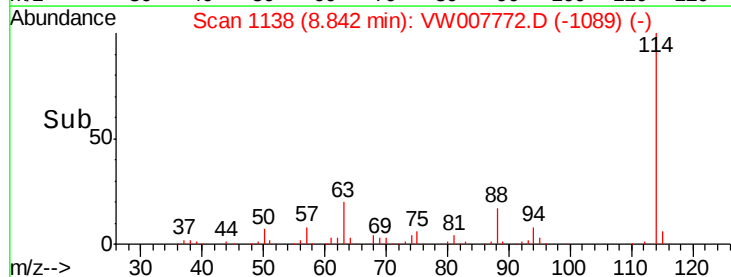
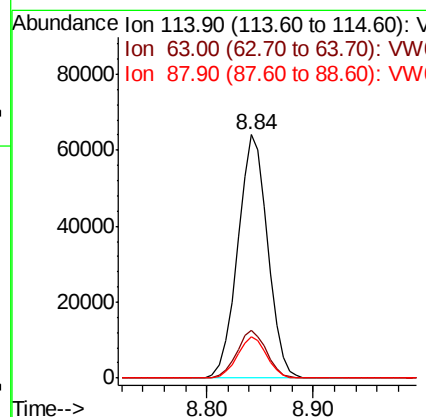
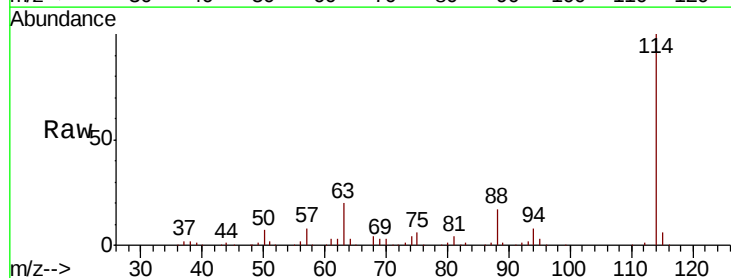
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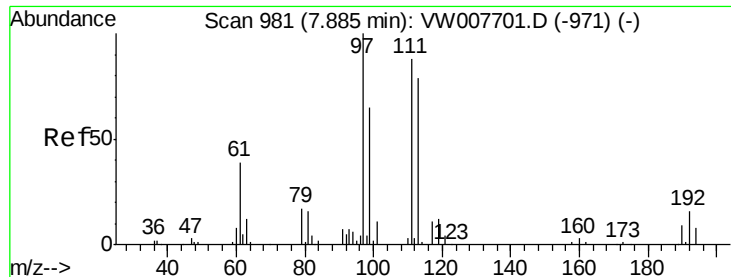
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	125848		
63	19.8	0.0	40.0	
88	16.8	0.0	32.6	





#35

Dibromofluoromethane

Concen: 54.558 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

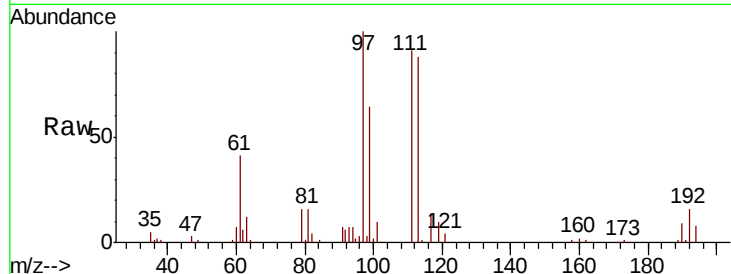
ClientSampleId :

VSTDCCC050

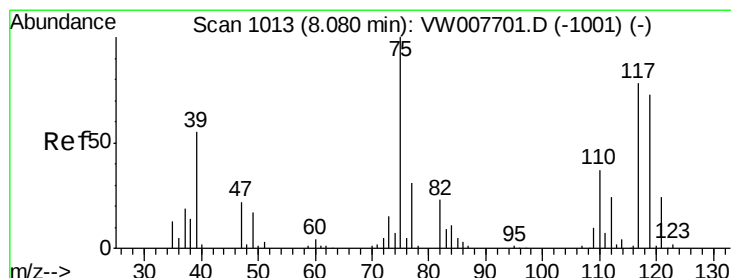
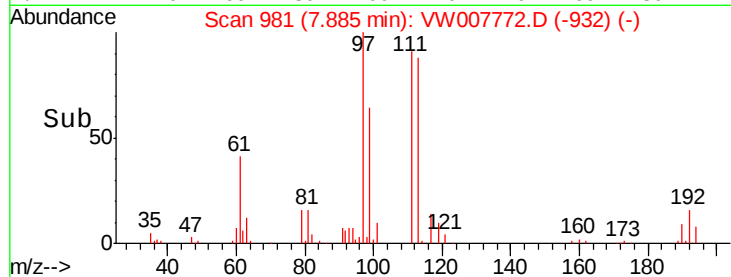
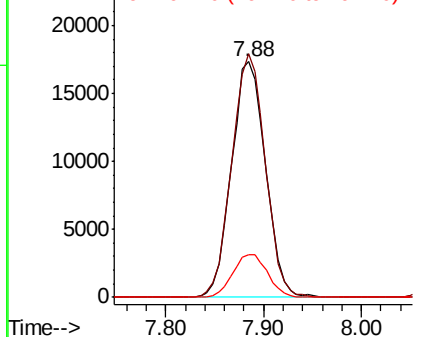
Tgt Ion:	113	Resp:	41886
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.6	124.0
192	18.4	15.5	23.3

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



#36

1,1-Dichloropropene

Concen: 46.510 ug/l

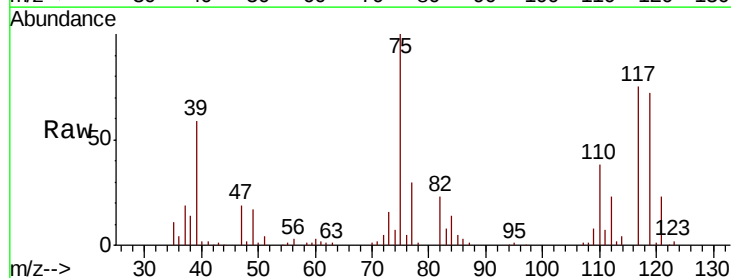
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

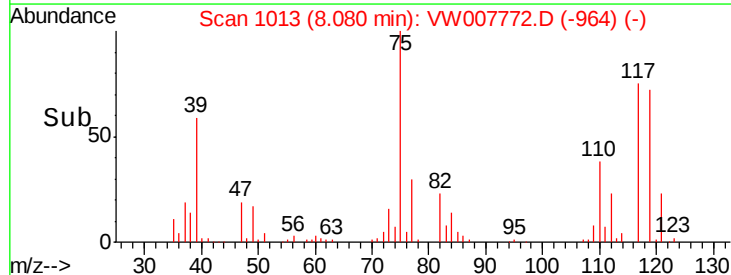
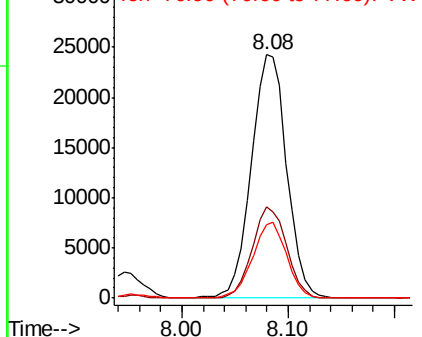
Lab File: VW007772.D

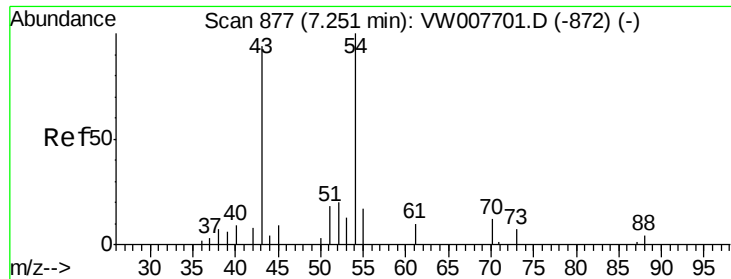
Acq: 21 Dec 2018 04:21

Tgt Ion:	75	Resp:	56494
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.6	55.8
77	30.1	25.0	37.4



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





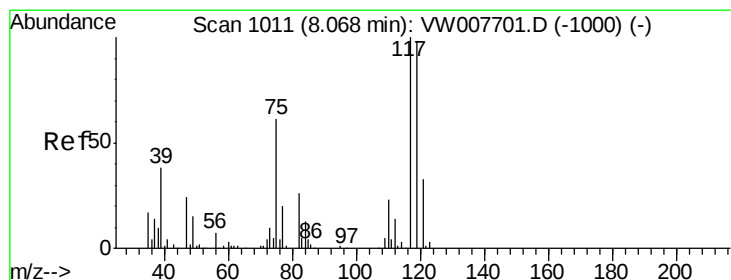
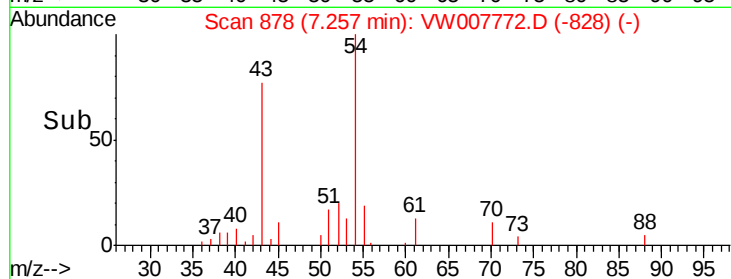
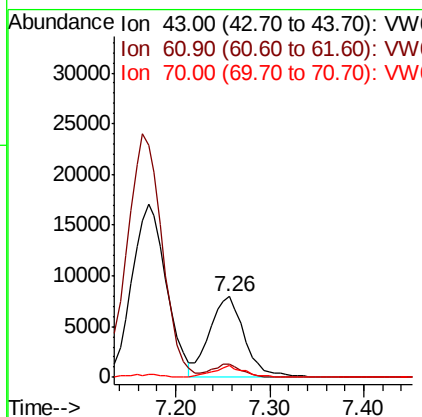
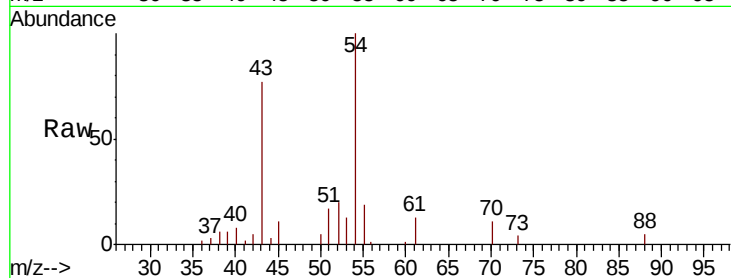
#37
Ethyl Acetate
Concen: 49.309 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20670
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 12.2 9.3 13.9

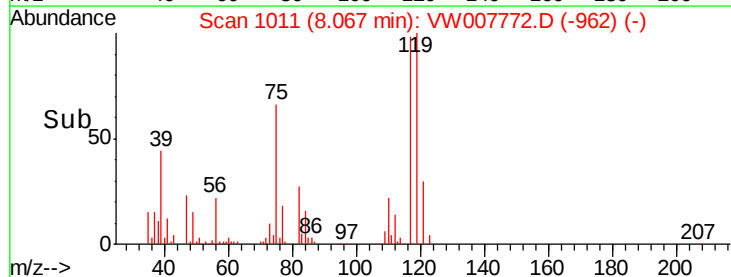
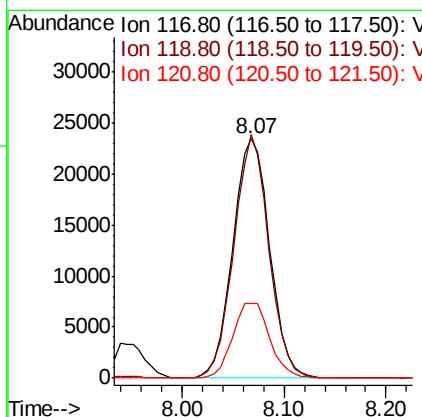
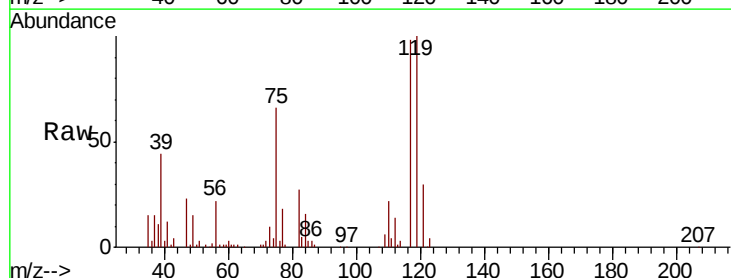
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#38
Carbon Tetrachloride
Concen: 40.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 117 Resp: 58591
Ion Ratio Lower Upper
117 100
119 101.6 78.2 117.2
121 31.0 26.1 39.1





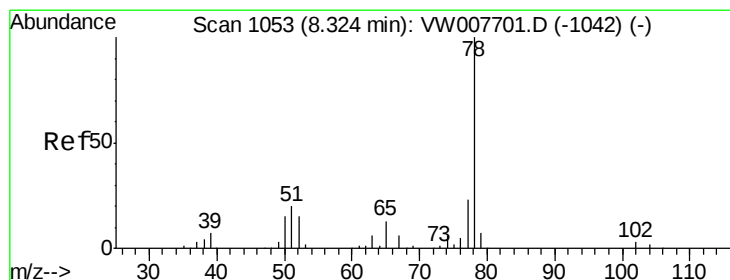
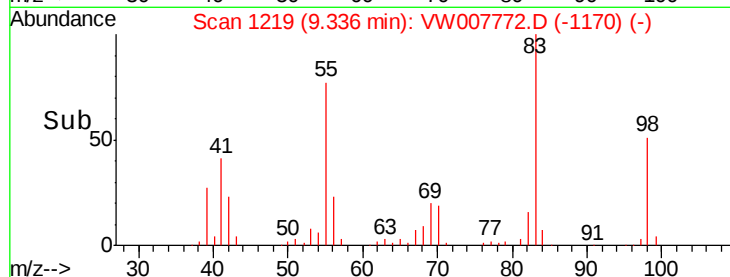
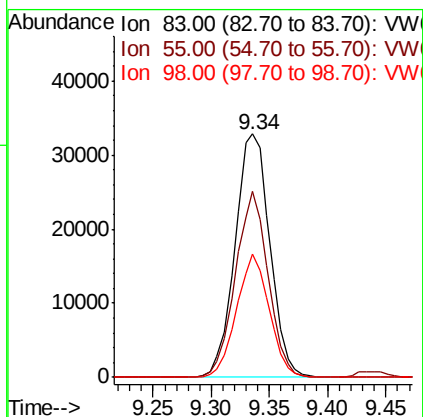
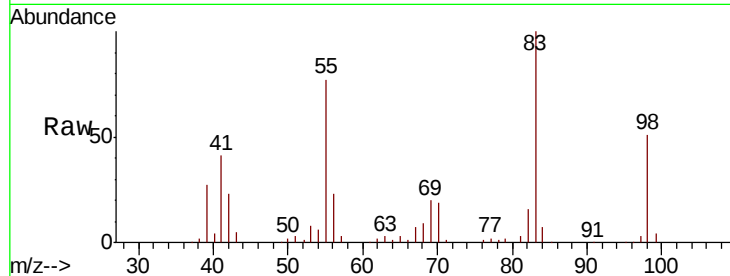
#39
Methylcyclohexane
Concen: 45.416 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	57.2	85.8
98	50.7	38.6	58.0

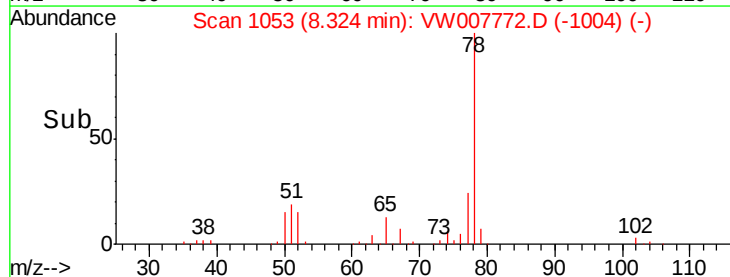
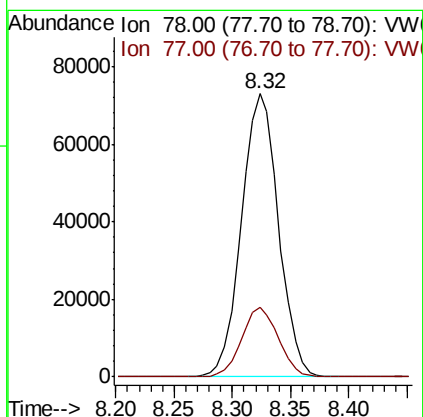
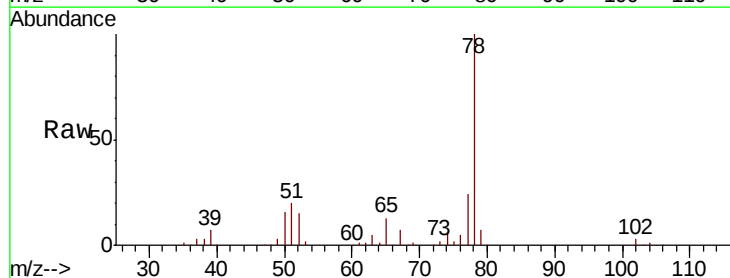
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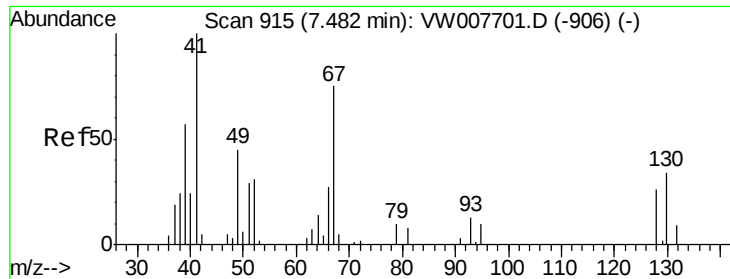
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#40
Benzene
Concen: 49.659 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





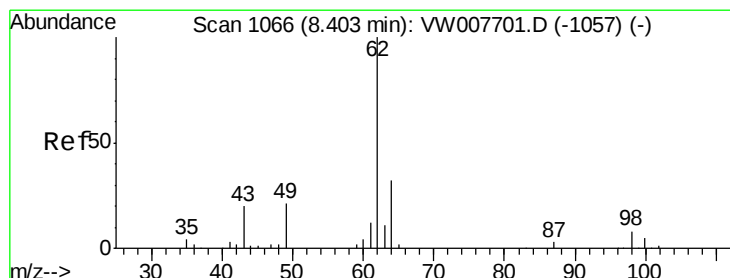
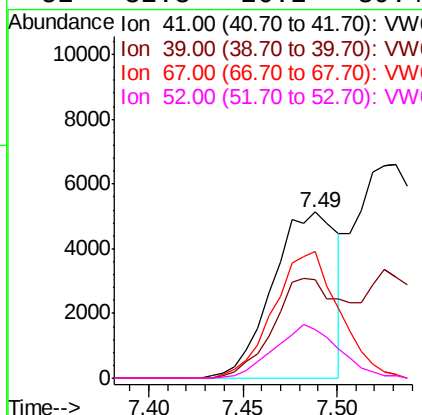
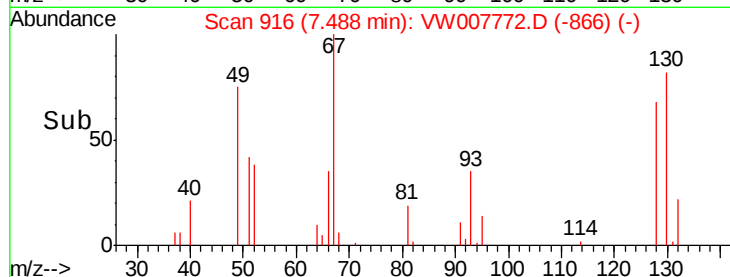
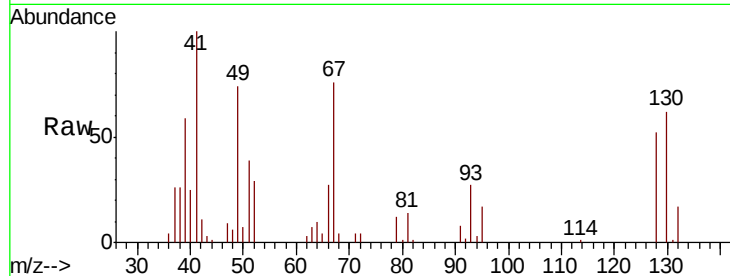
#41
Methacrylonitrile
Concen: 51.160 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	12176
Ion	Ratio	Lower	Upper
41	100		
39	63.8	54.2	81.4
67	77.7	65.7	98.5
52	32.3	26.2	39.4

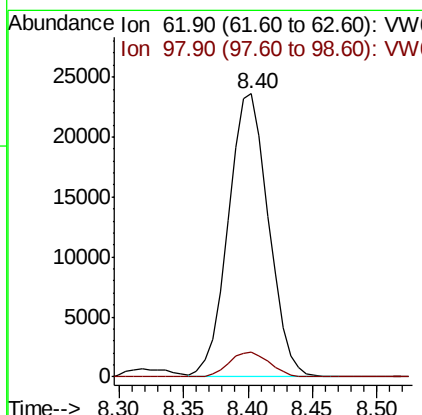
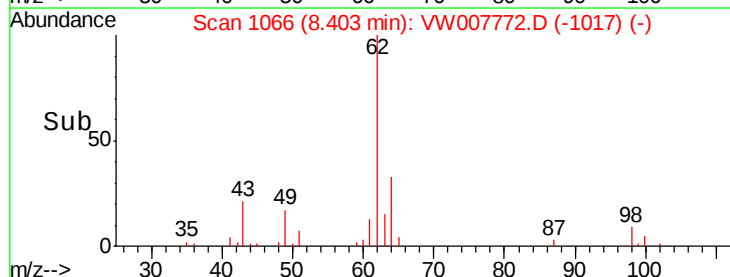
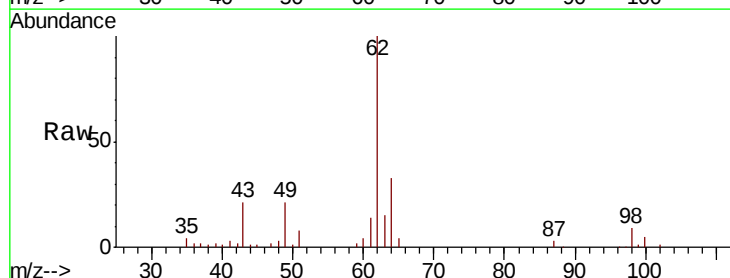
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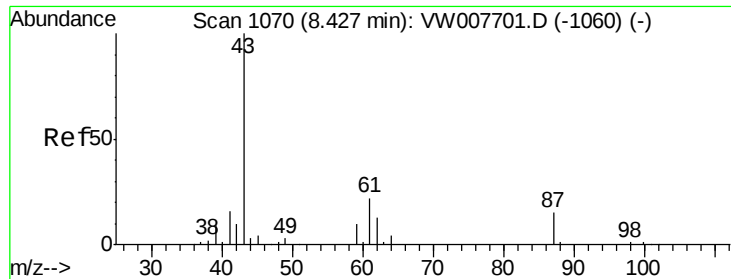
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#42
1,2-Dichloroethane
Concen: 47.230 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion:	62	Resp:	51302
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.977 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

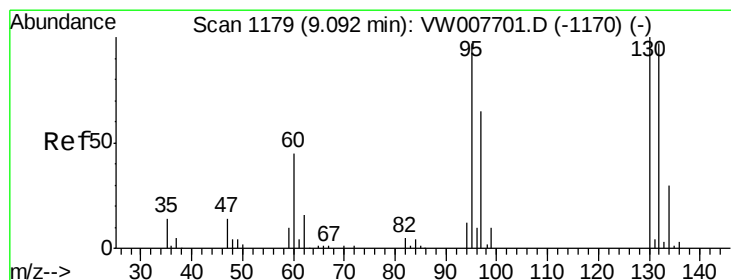
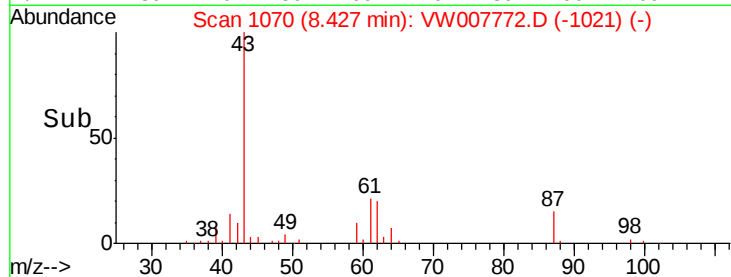
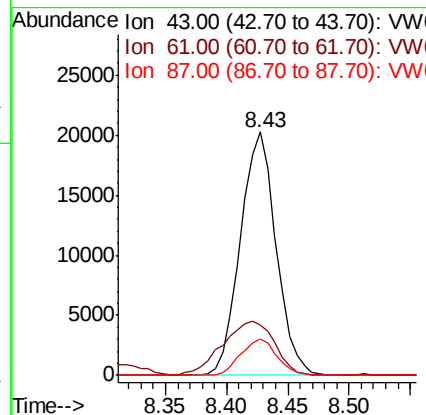
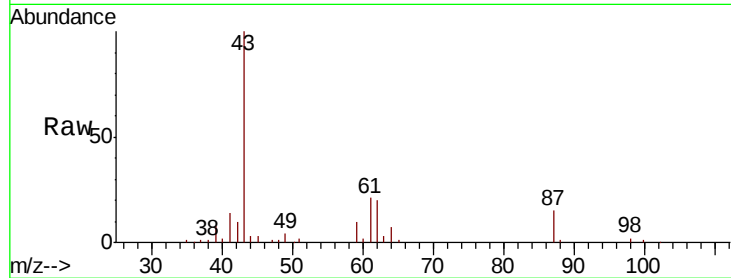
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	41133
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.3	39.5
87	14.9	12.0	18.0

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#44

Trichloroethene

Concen: 47.200 ug/l

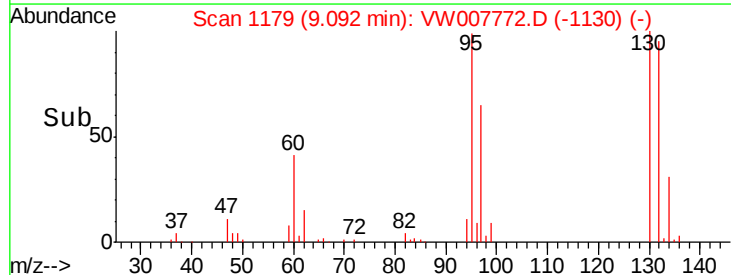
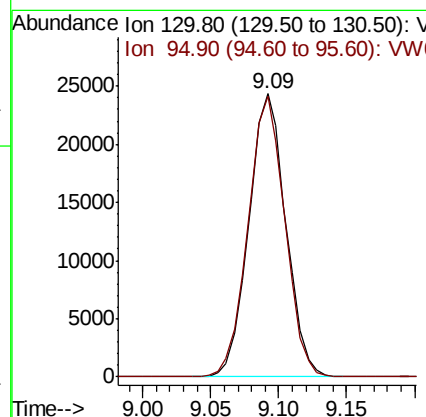
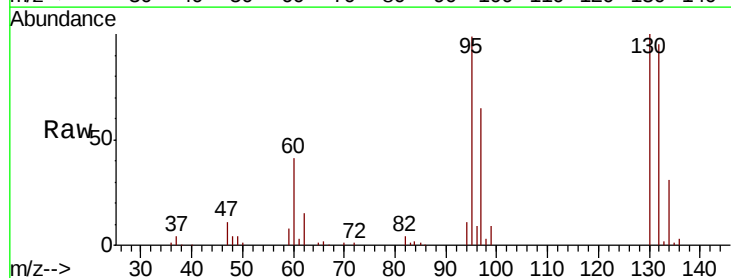
RT: 9.09 min Scan# 1179

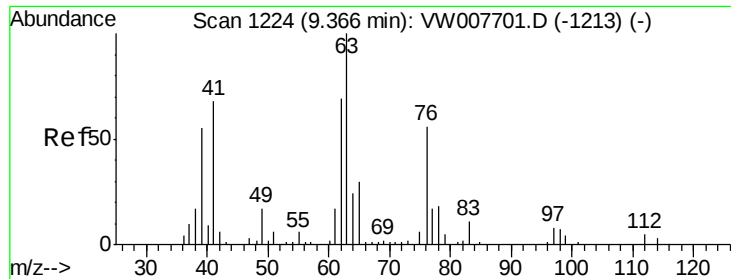
Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion:	130	Resp:	46266
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	194.8





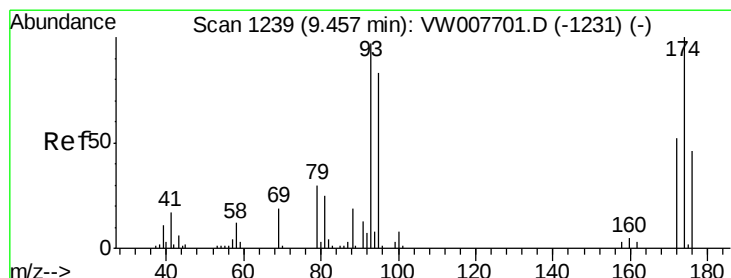
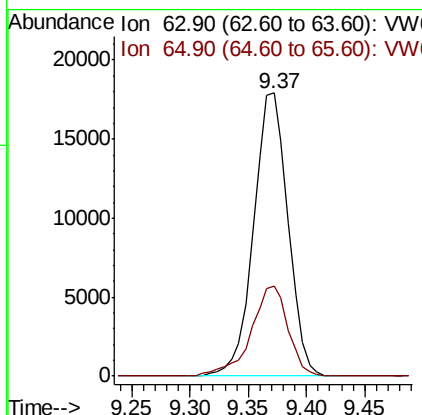
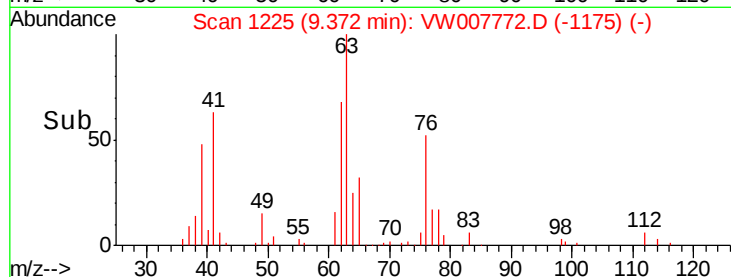
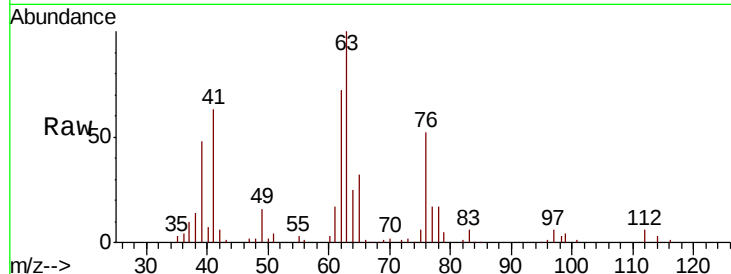
#45
 1,2-Dichloropropane
 Concen: 50.918 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 36621
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.8 35.8

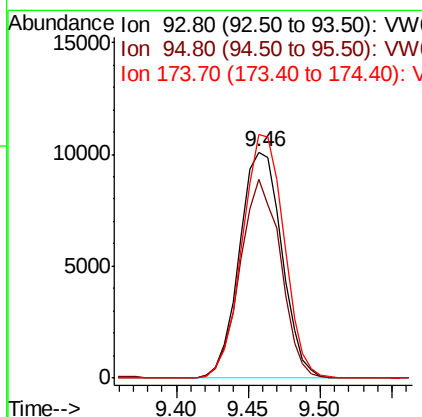
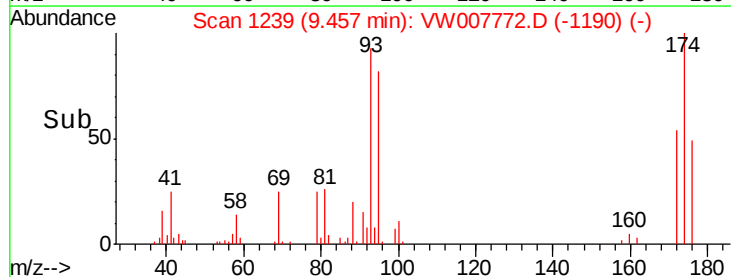
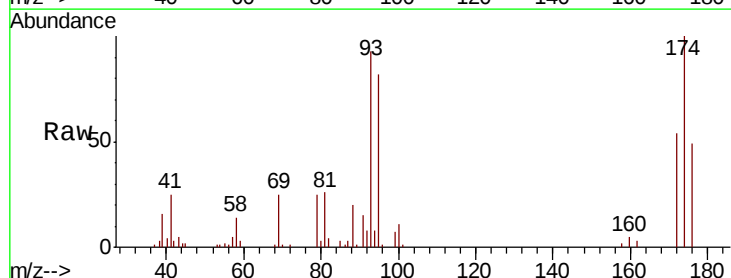
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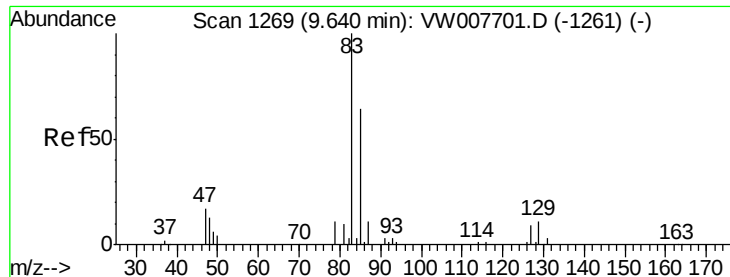
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#46
 Dibromomethane
 Concen: 46.562 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion: 93 Resp: 20614
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 106.2 83.9 125.9





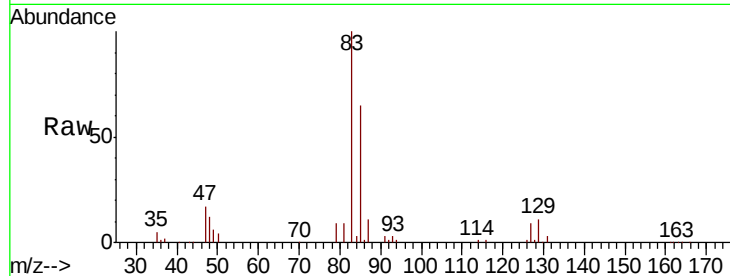
#47
Bromodichloromethane
Concen: 47.048 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

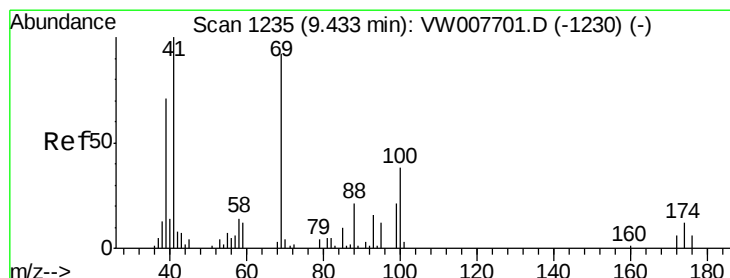
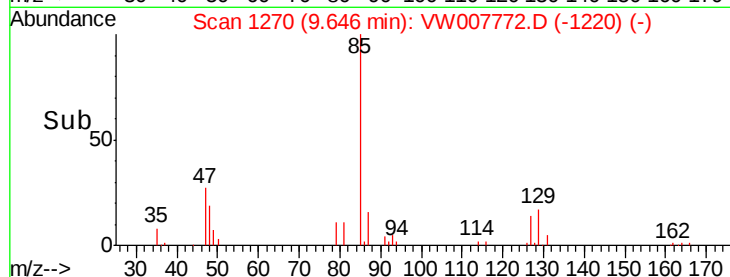
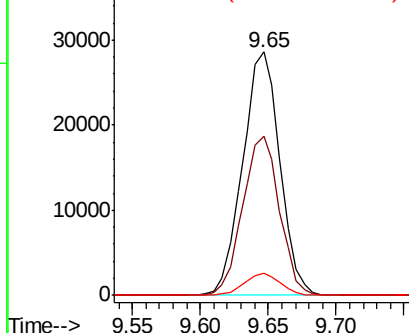
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	54759		
85	65.4		51.4	77.0
127	9.1		7.5	11.3

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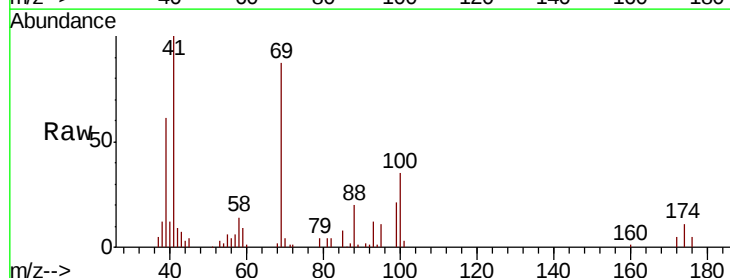


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

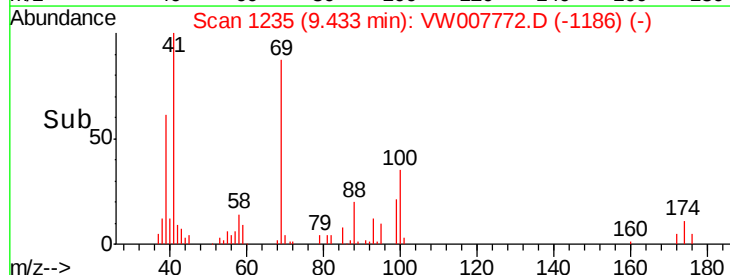
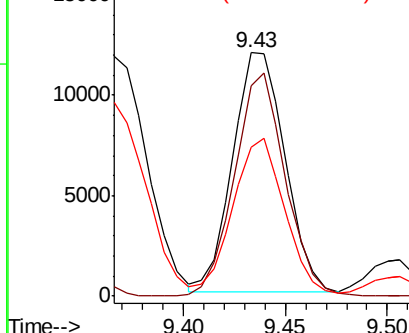


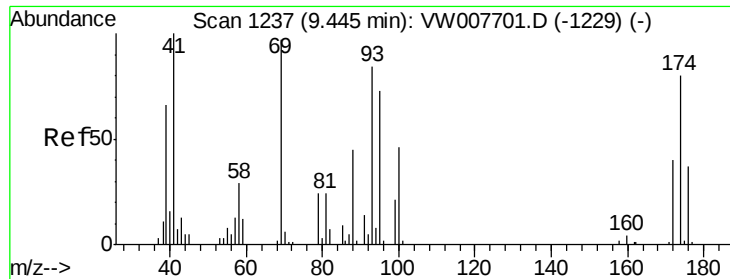
#48
Methyl methacrylate
Concen: 50.552 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	21192		
69	91.2		74.2	111.2
39	66.4		53.9	80.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





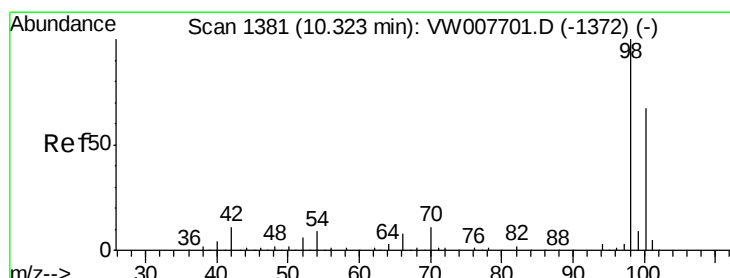
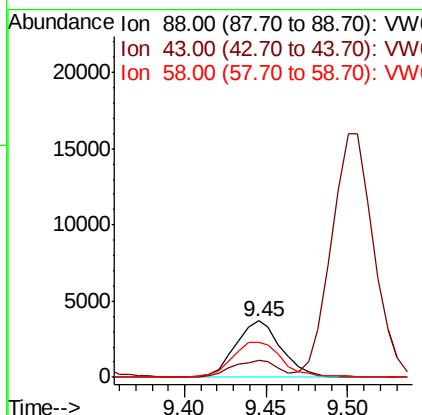
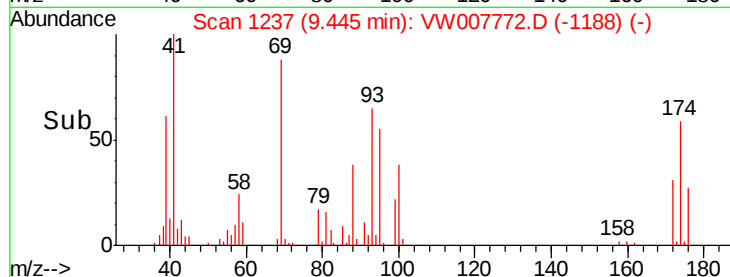
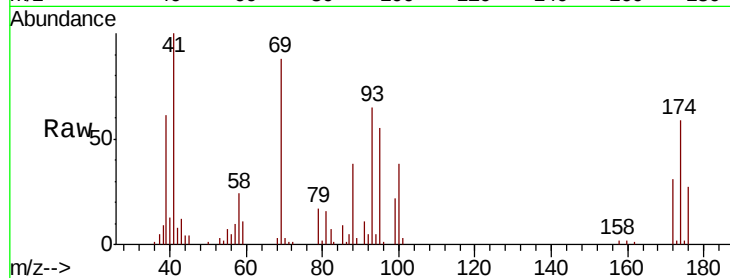
#49
1,4-Dioxane
Concen: 1024.042 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.7	25.6	38.4
58	69.4	52.3	78.5

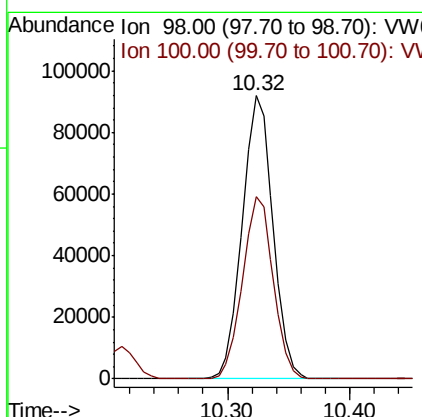
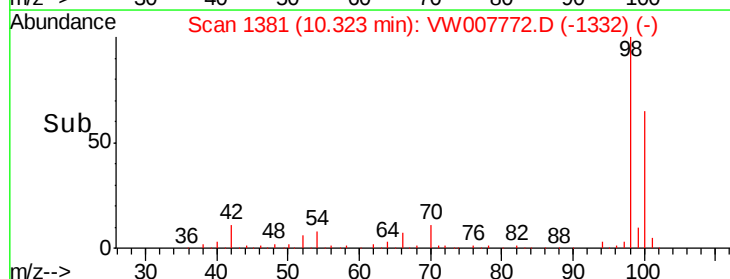
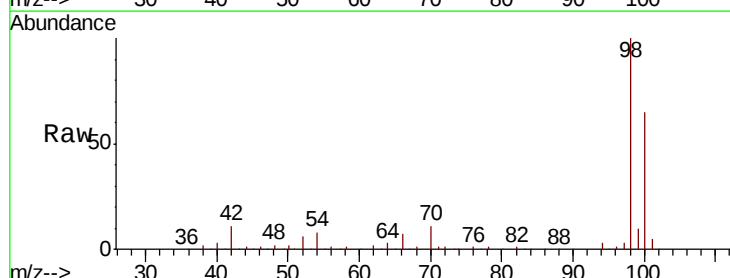
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#50
Toluene-d8
Concen: 55.255 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





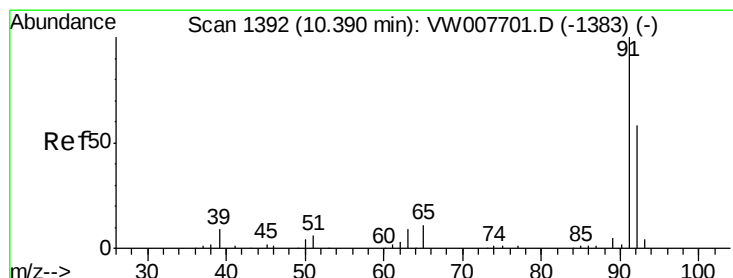
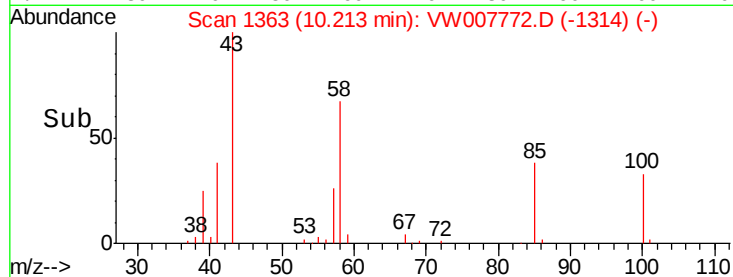
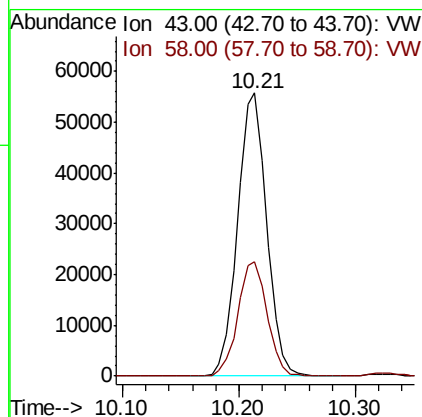
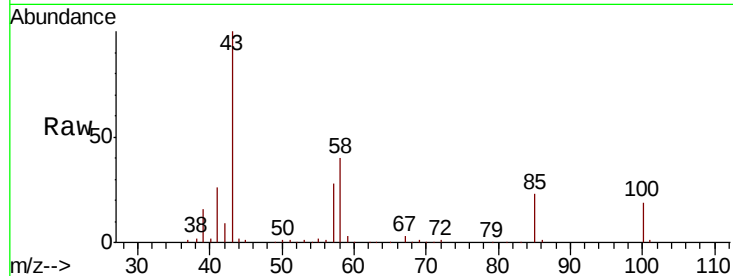
#51
 4-Methyl-2-Pentanone
 Concen: 244.302 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 96965
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.2 49.8

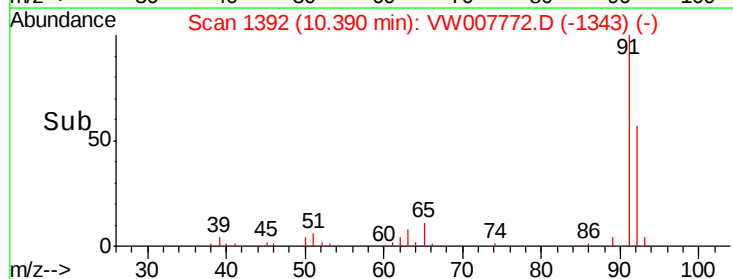
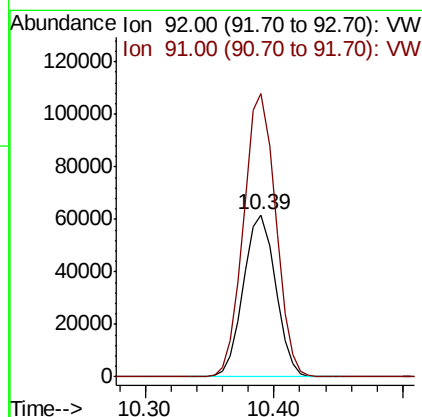
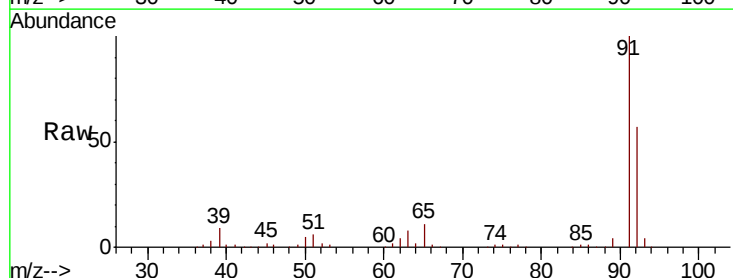
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#52
 Toluene
 Concen: 49.245 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion: 92 Resp: 107093
 Ion Ratio Lower Upper
 92 100
 91 174.0 137.0 205.4





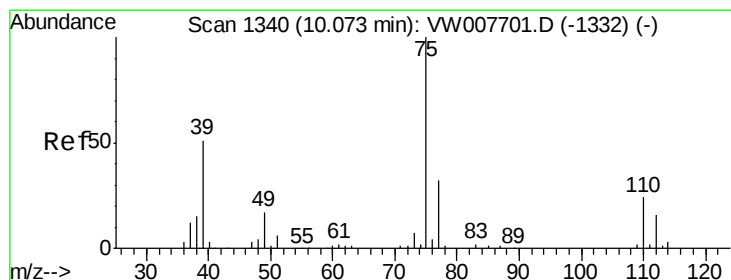
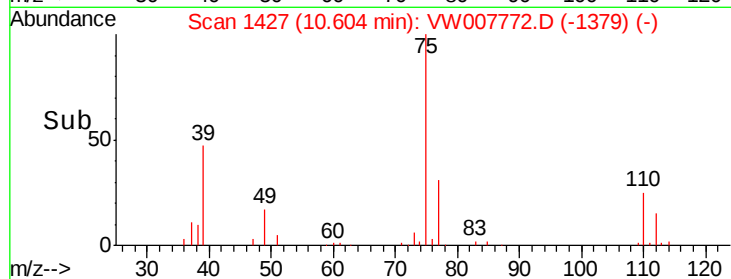
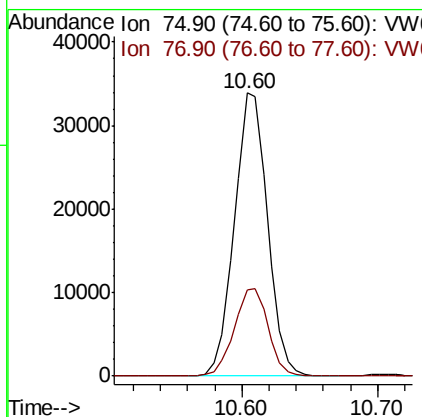
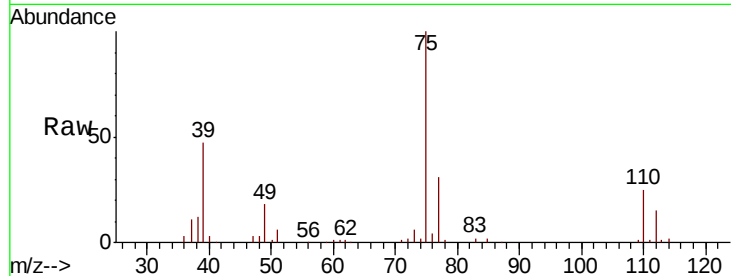
#53
t-1,3-Dichloropropene
Concen: 49.647 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57476
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

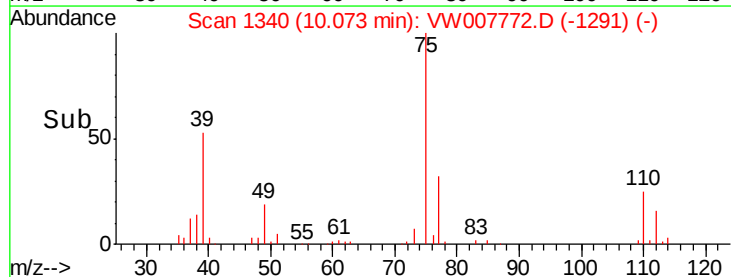
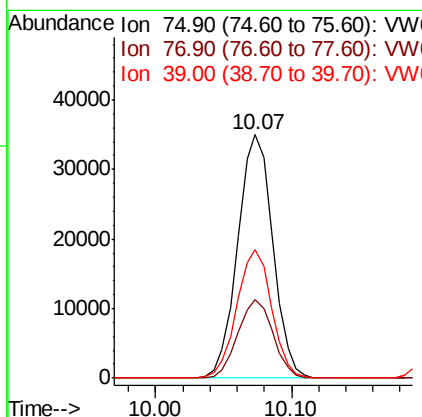
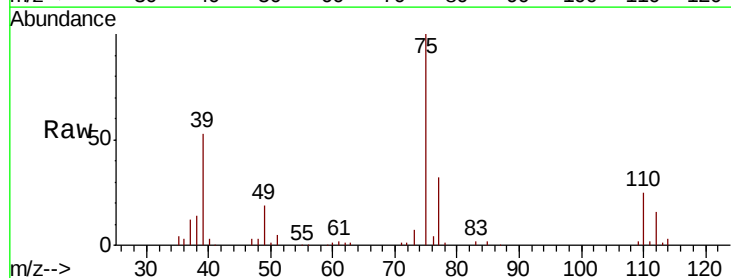
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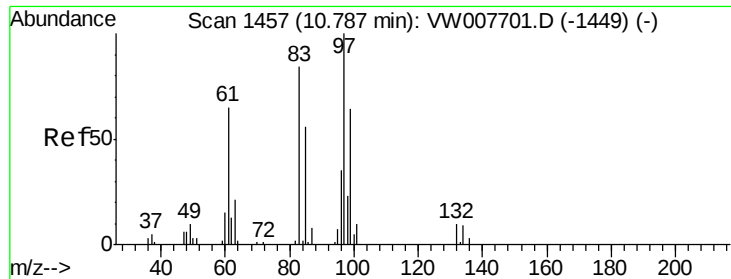
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#54
cis-1,3-Dichloropropene
Concen: 49.351 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 75 Resp: 63108
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 52.6 41.2 61.8





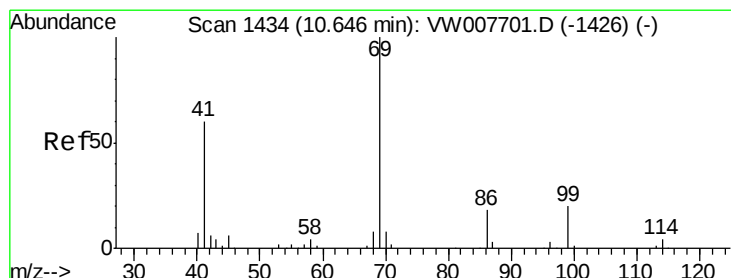
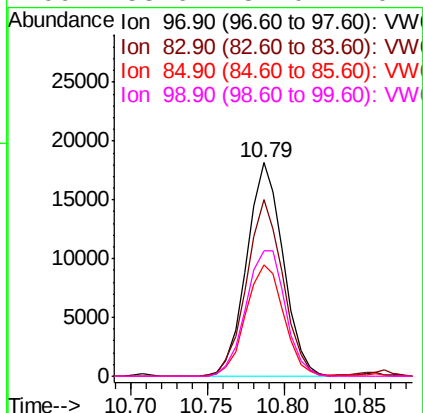
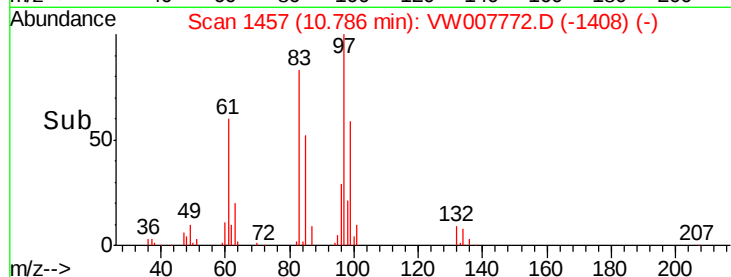
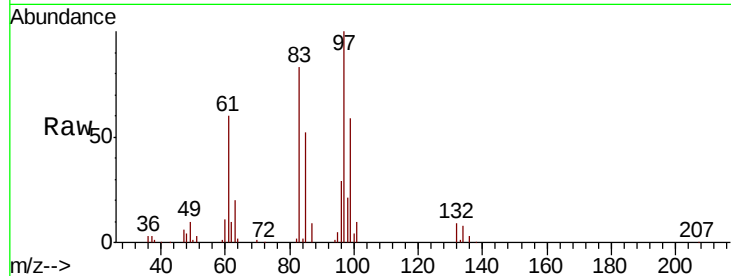
#55
 1,1,2-Trichloroethane
 Concen: 49.500 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.5	101.3
85	52.2	44.8	67.2
99	58.6	51.0	76.4

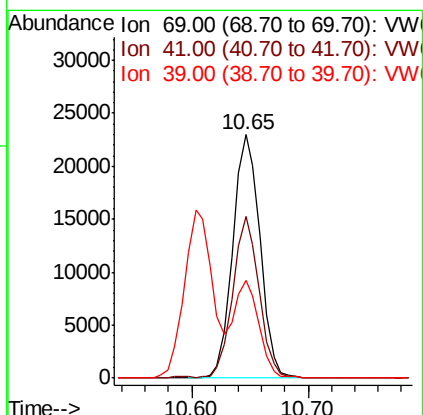
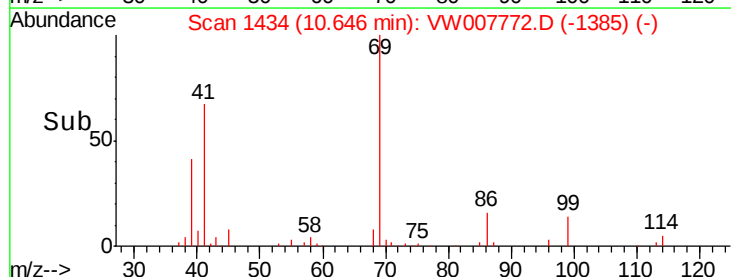
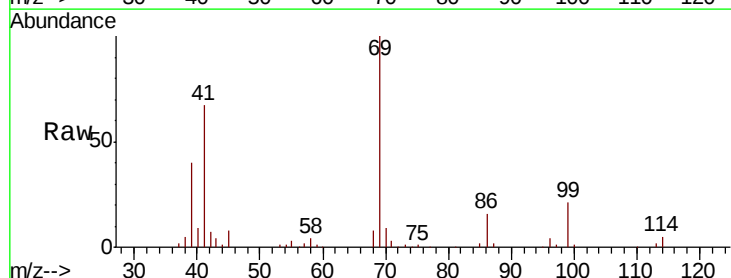
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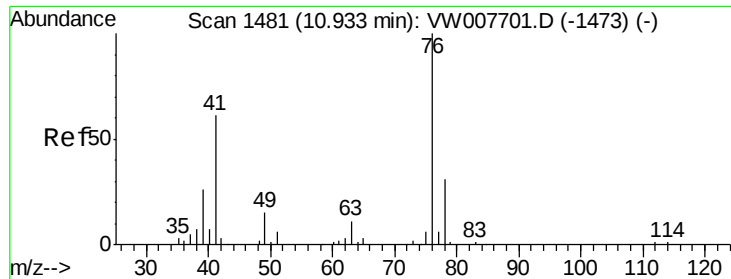
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#56
 Ethyl methacrylate
 Concen: 51.836 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	48.9	73.3
39	37.4	31.3	46.9





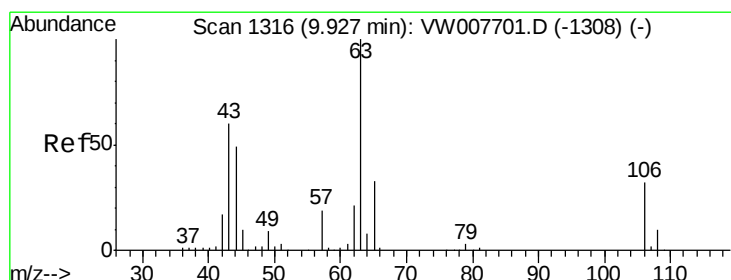
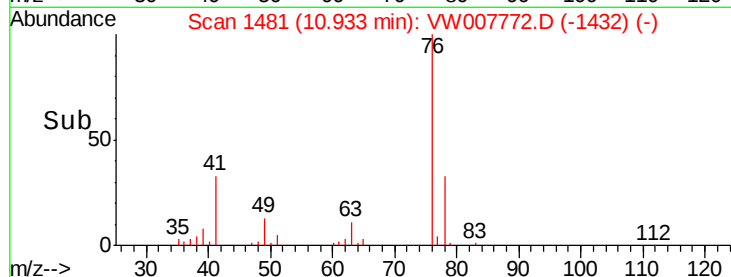
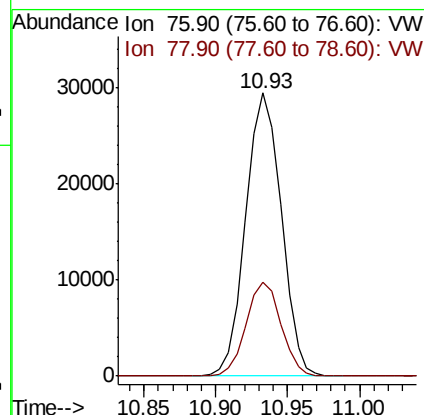
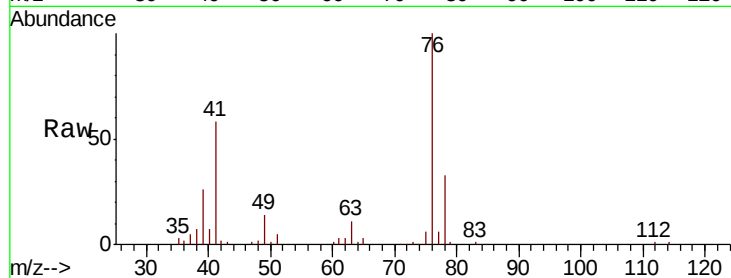
#57
 1,3-Dichloropropane
 Concen: 49.802 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 50474
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

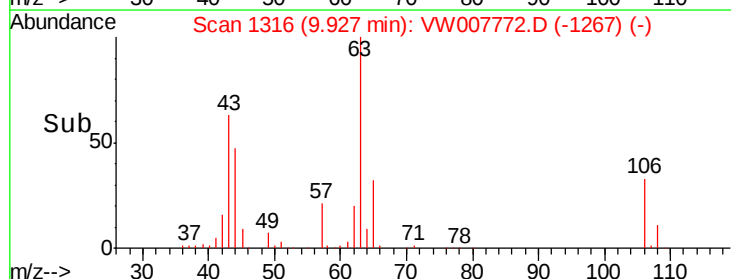
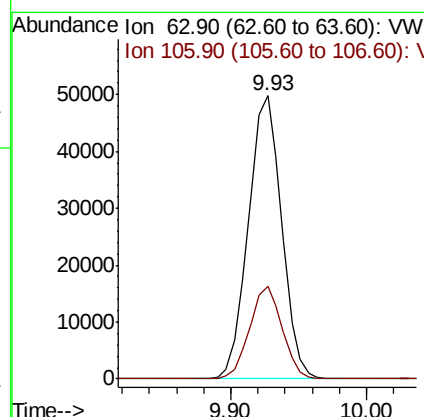
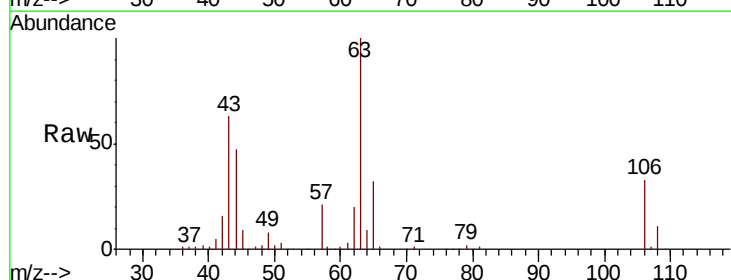
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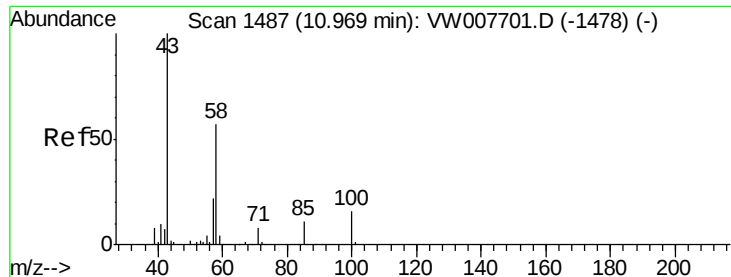
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.137 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion: 63 Resp: 85319
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





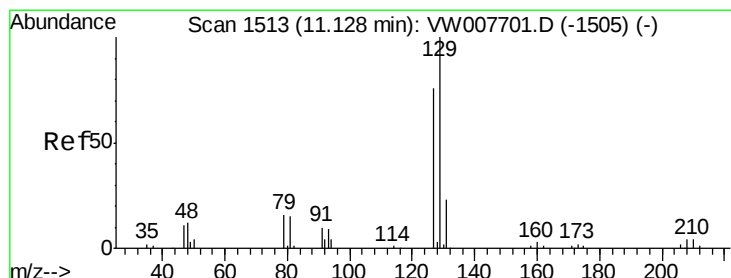
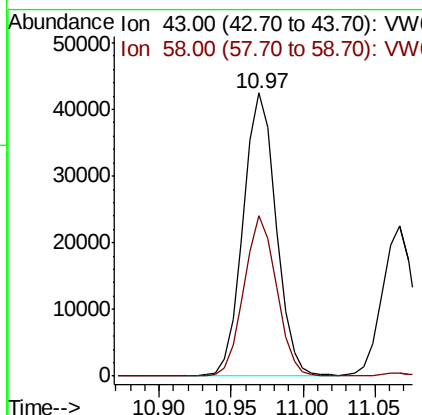
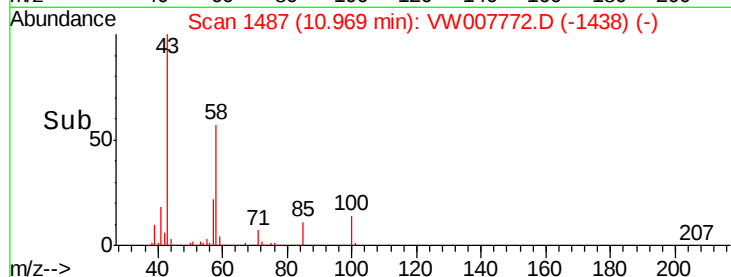
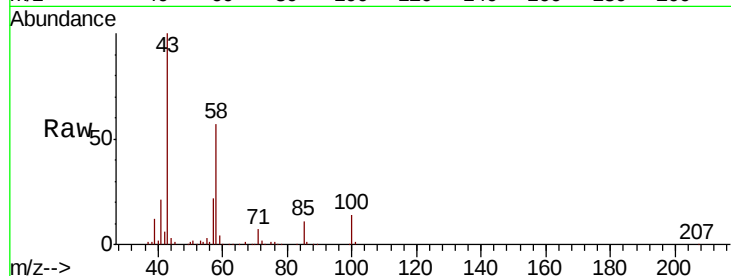
#59
2-Hexanone
Concen: 241.008 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 67273
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1

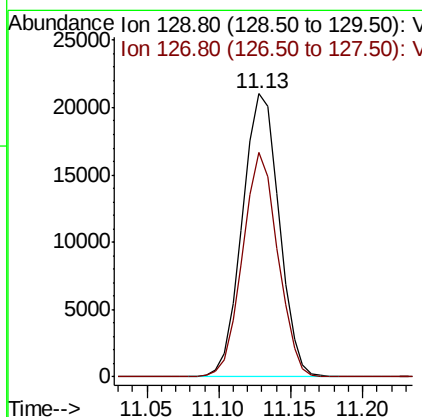
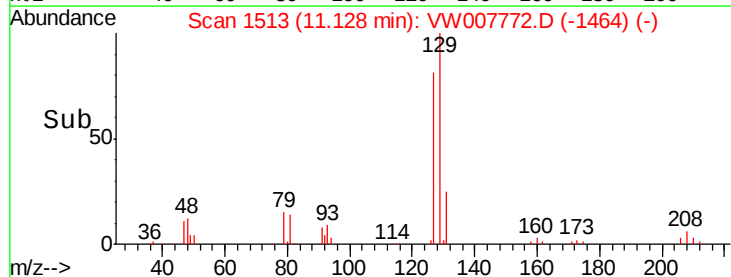
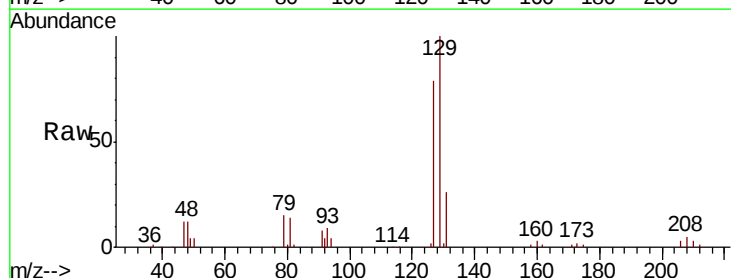
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#60
Dibromochloromethane
Concen: 46.057 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 129 Resp: 37220
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.302 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 29854

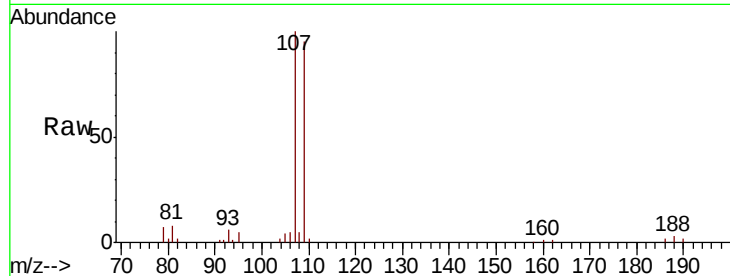
Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

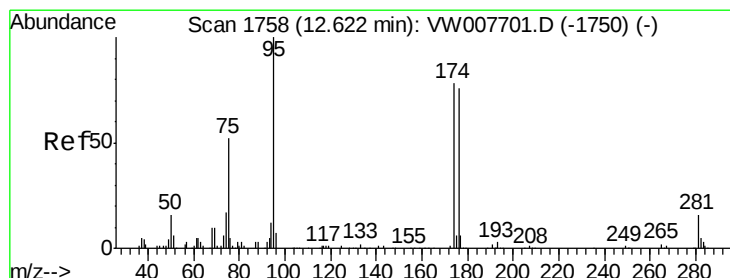
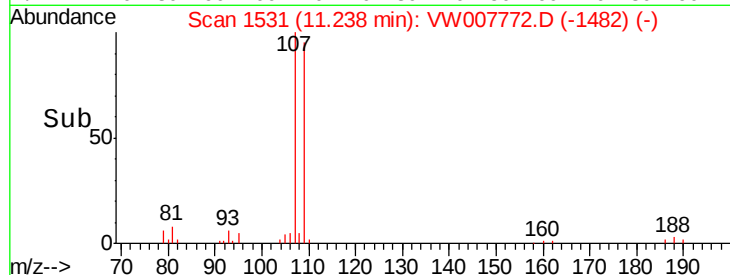
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.563 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

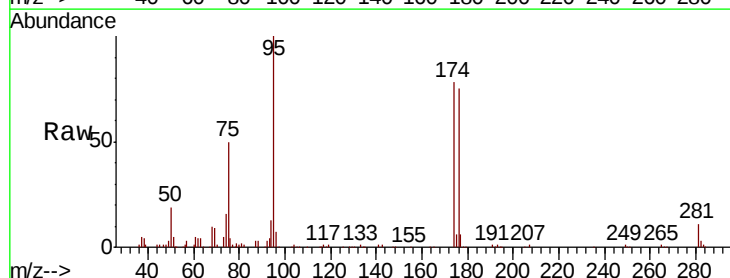
Tgt Ion: 95 Resp: 62126

Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.2

176 73.1 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

50000

40000

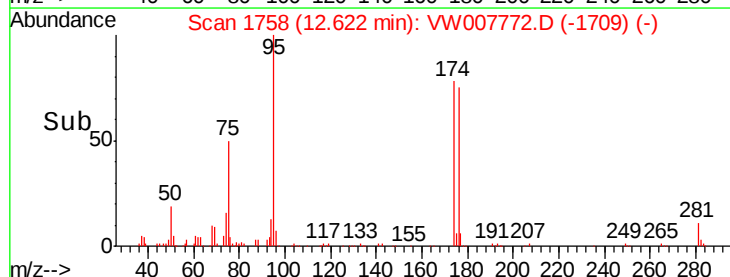
30000

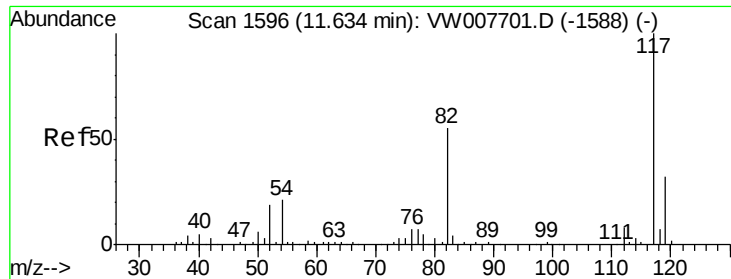
20000

10000

0

Time-->





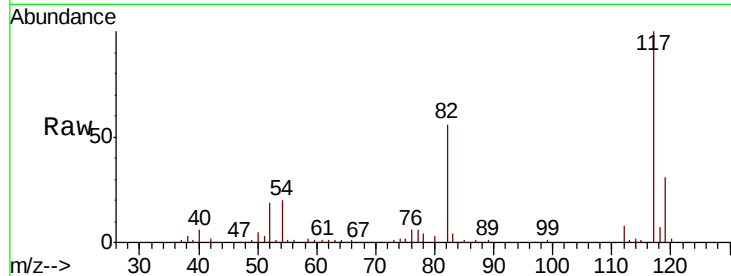
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

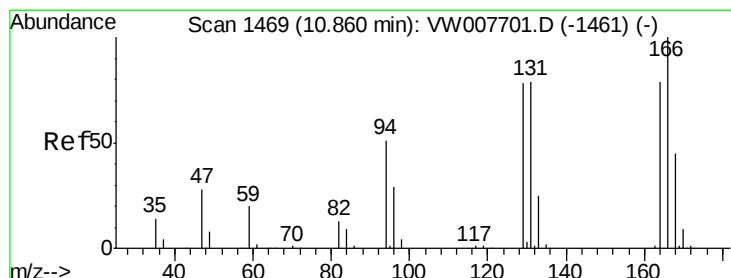
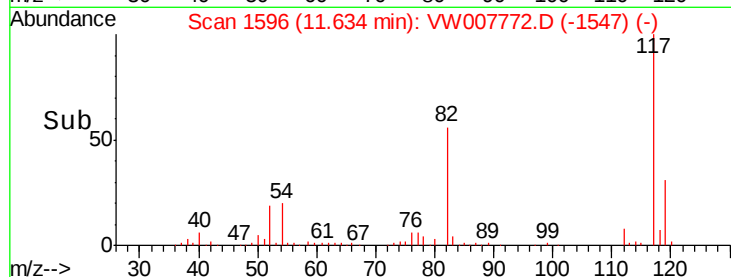
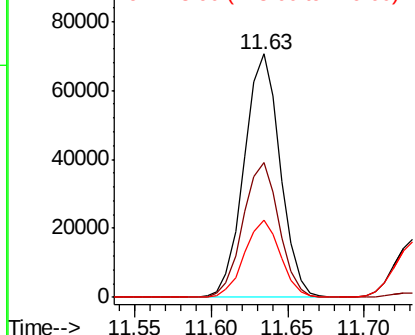
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115654		
82	55.5	44.3	66.5	
119	31.5	25.7	38.5	

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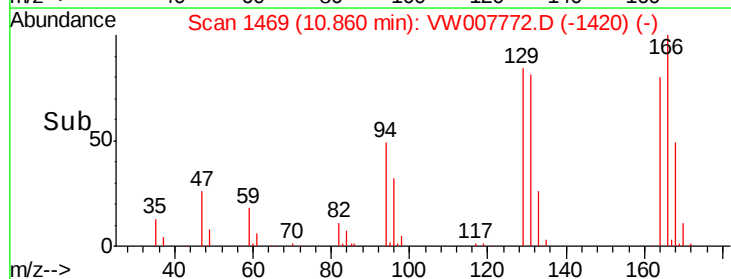
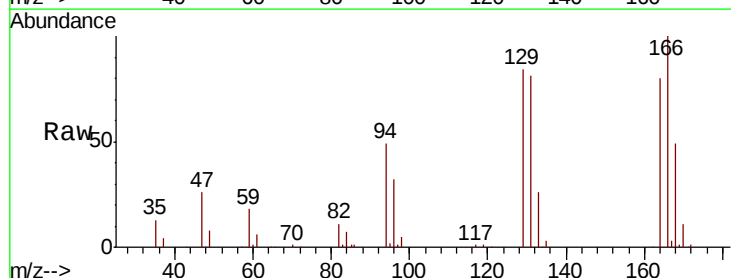
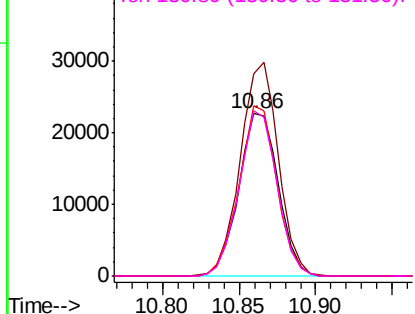
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

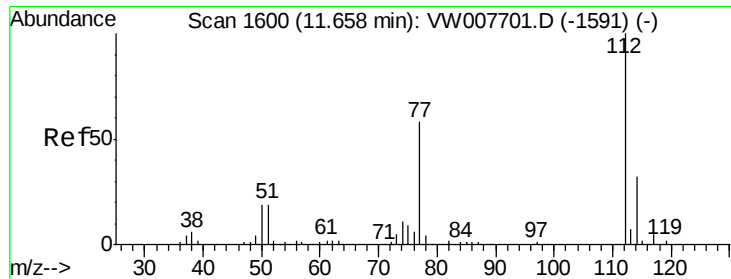


#64
Tetrachloroethene
Concen: 49.592 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40615		
166	124.9	101.0	151.6	
129	105.3	78.7	118.1	
131	101.7	79.4	119.0	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





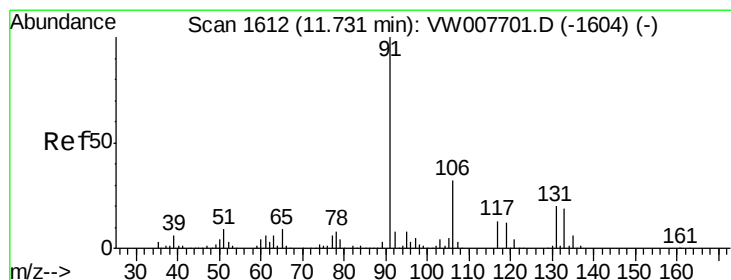
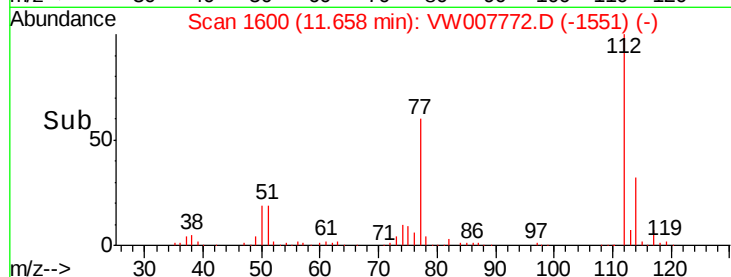
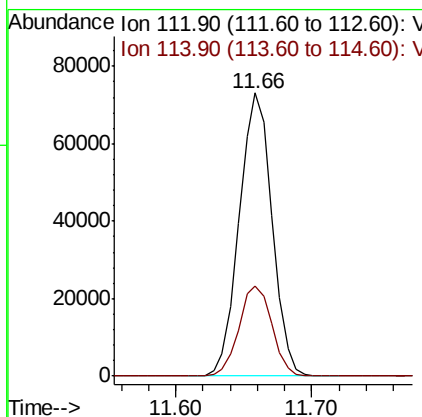
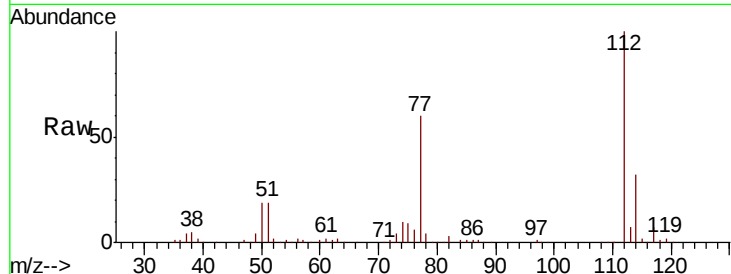
#65
Chlorobenzene
Concen: 49.218 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 123205
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8

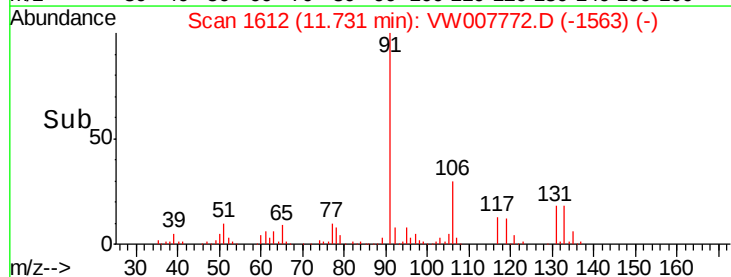
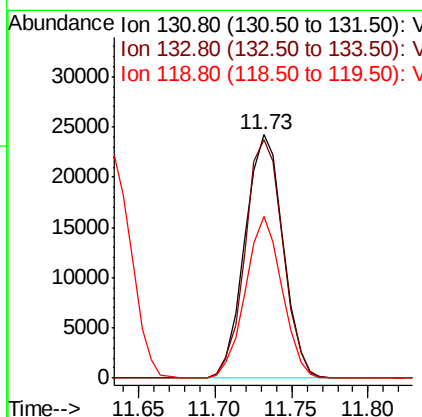
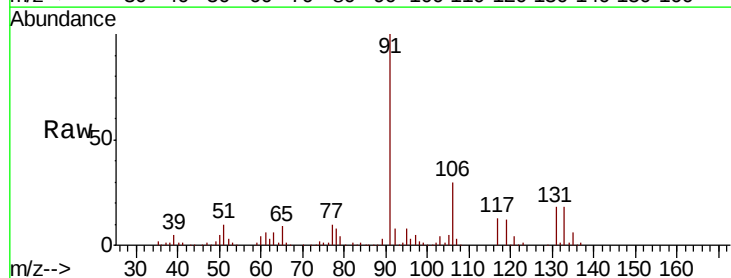
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.032 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion:131 Resp: 42068
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 63.8 30.2 90.6





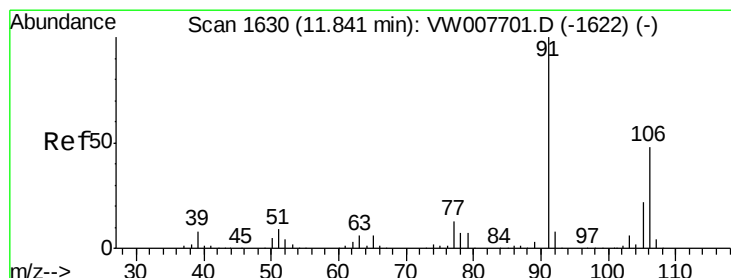
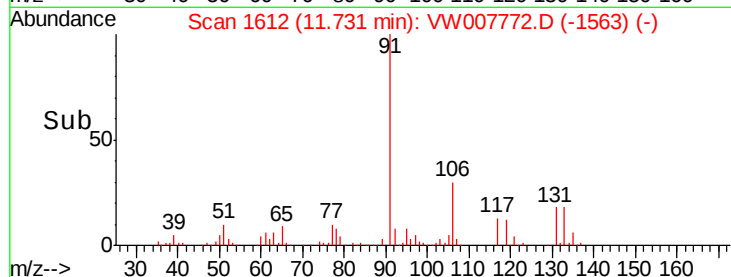
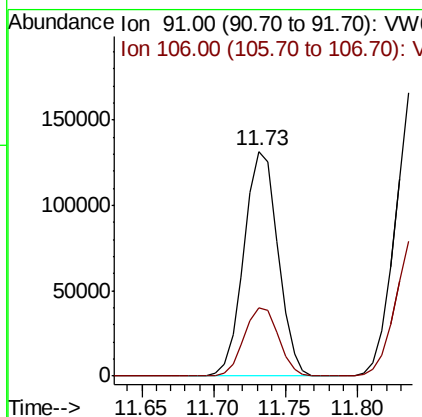
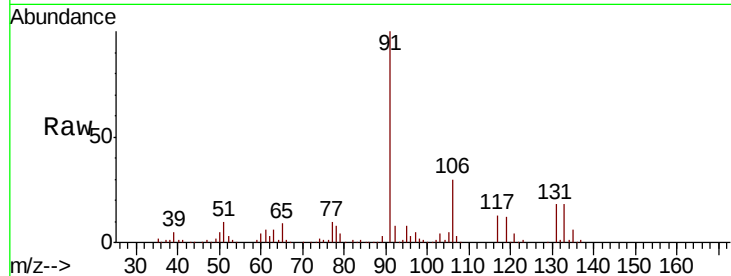
#67
Ethyl Benzene
Concen: 50.251 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 215854
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.8

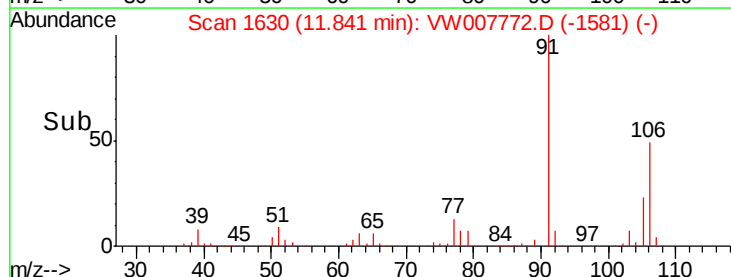
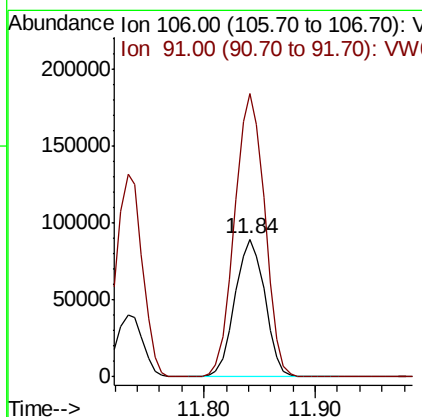
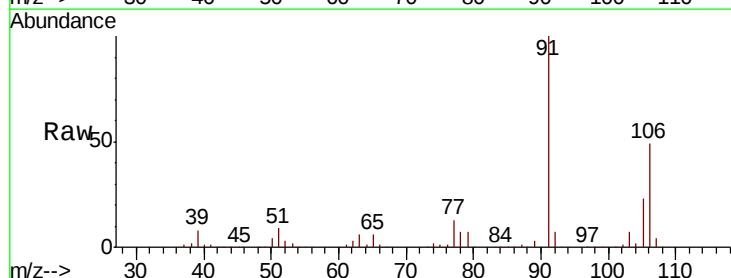
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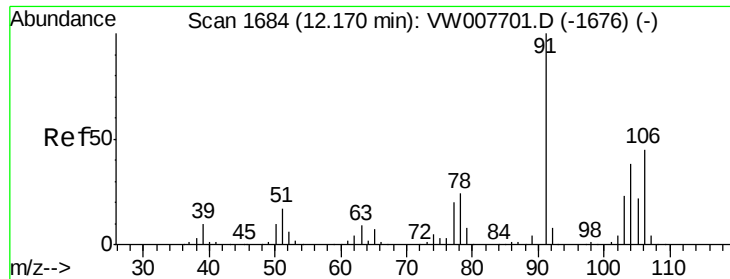
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#68
m/p-Xylenes
Concen: 100.182 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 106 Resp: 166935
Ion Ratio Lower Upper
106 100
91 206.7 165.2 247.8





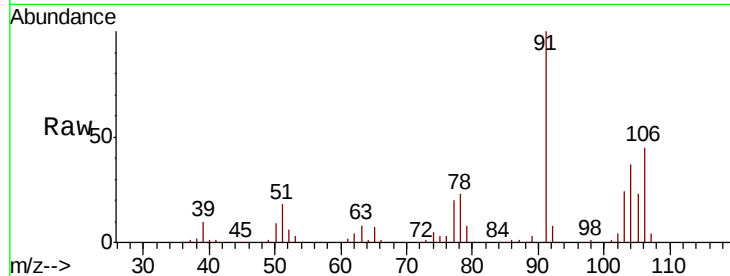
#69
o-Xylene
Concen: 50.196 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

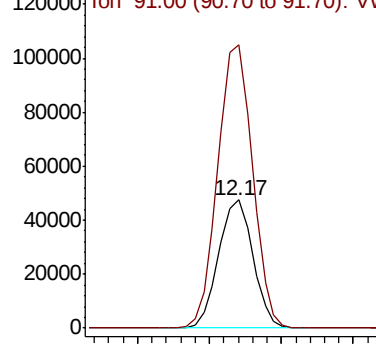
Tgt Ion:106 Resp: 78403
Ion Ratio Lower Upper
106 100
91 223.7 110.5 331.4

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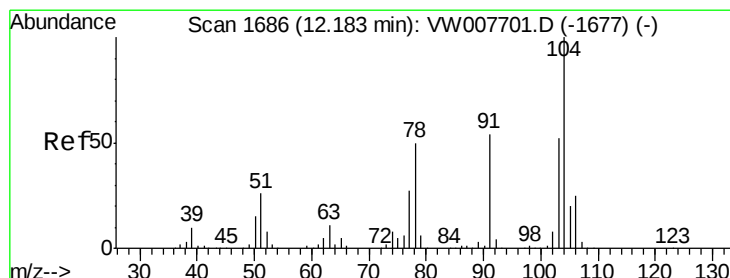
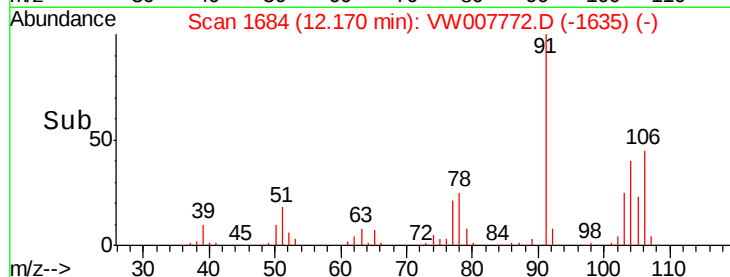
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

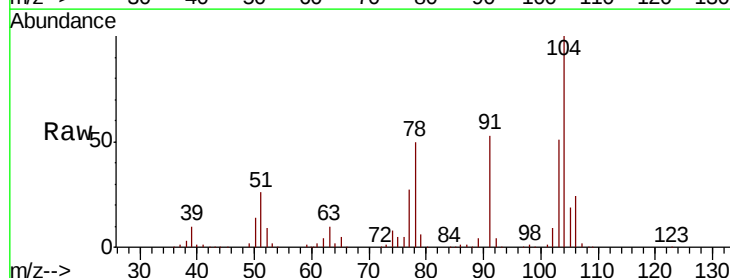


Time-->

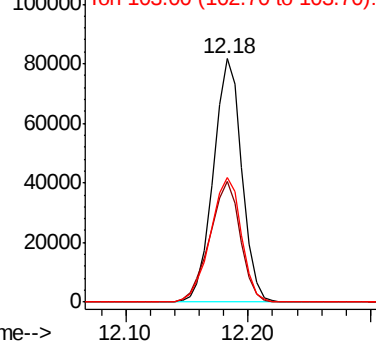


#70
Styrene
Concen: 51.236 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

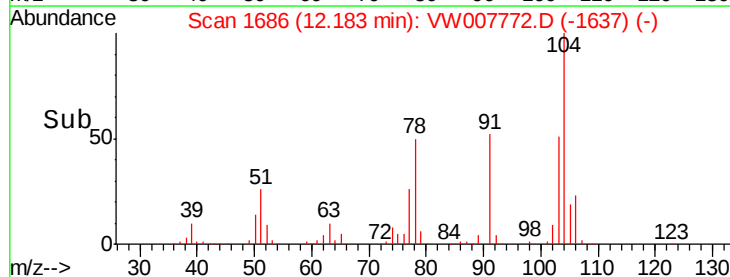
Tgt Ion:104 Resp: 131550
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.0
103 55.7 44.5 66.7

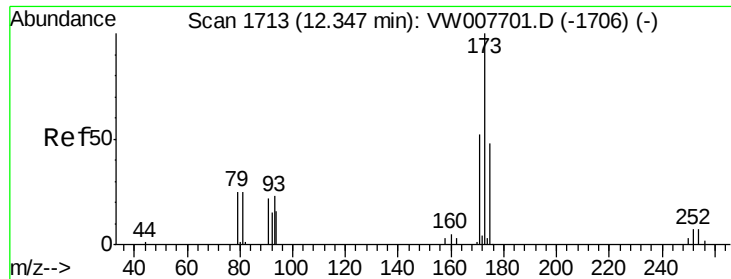


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V



Time-->





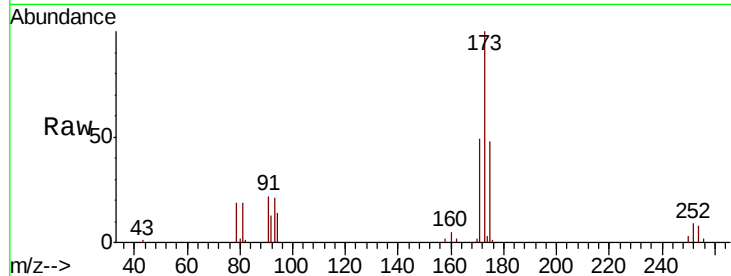
#71
Bromoform
Concen: 42.061 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

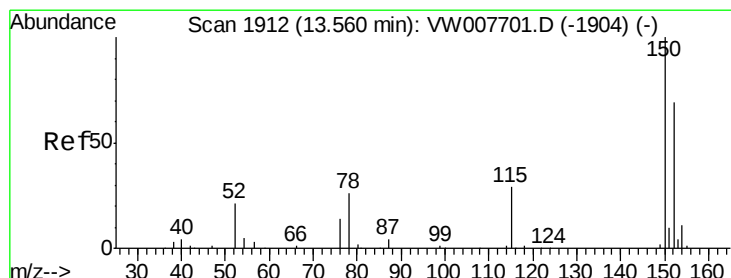
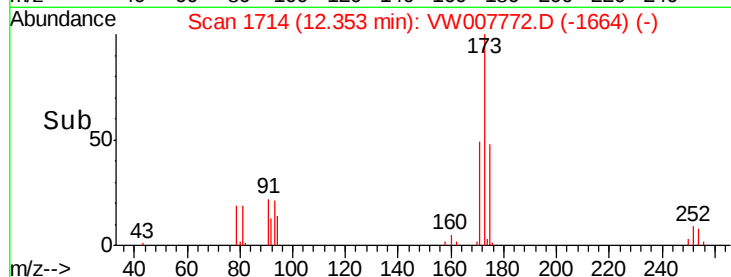
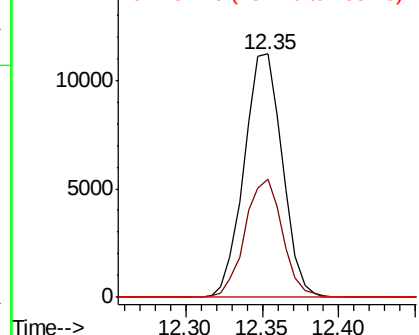
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.9	71.7
254	0.0	0.0	0.0

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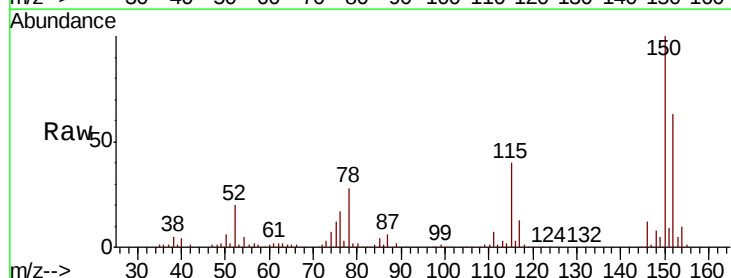


Abundance Ion 172.70 (172.40 to 173.40): V
15000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

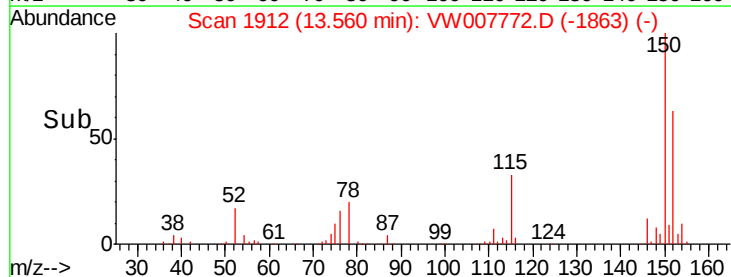
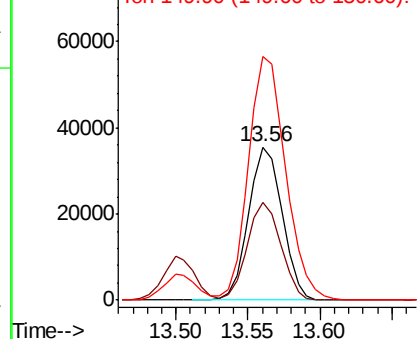


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.8	95.4
150	175.4	0.0	350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.315 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 222539

Ion Ratio Lower Upper

105 100

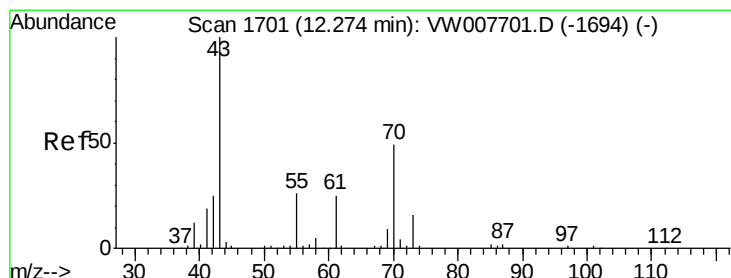
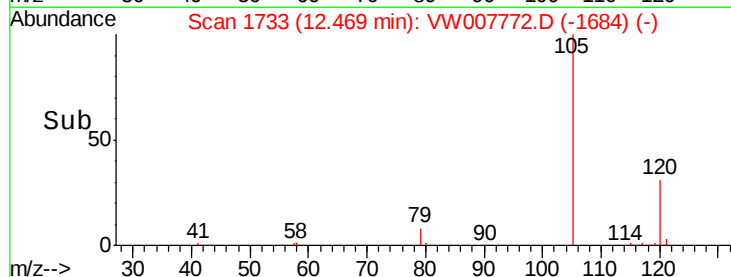
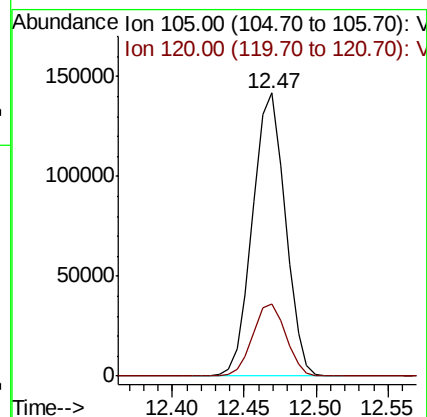
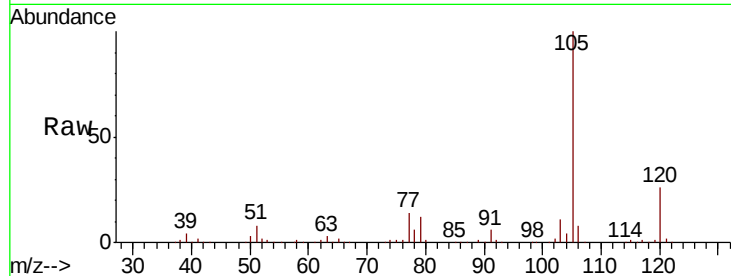
120 25.9 13.1 39.3

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#74

N-ethyl acetate

Concen: 52.205 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion: 43 Resp: 39215

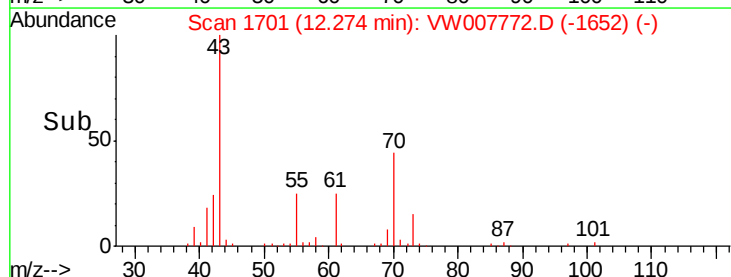
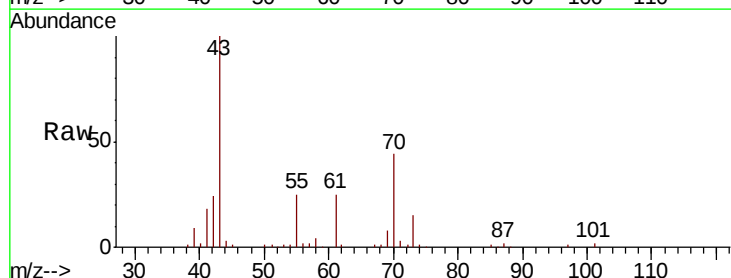
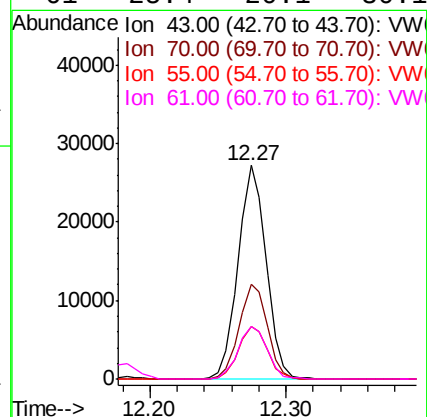
Ion Ratio Lower Upper

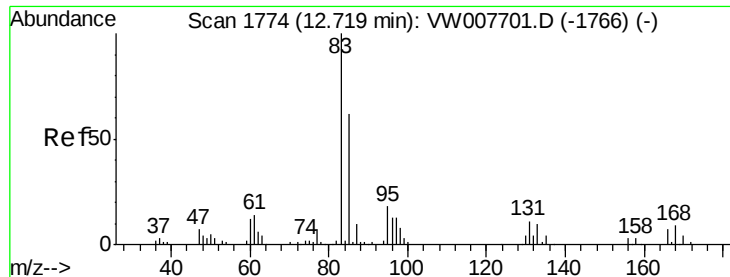
43 100

70 44.4 37.6 56.4

55 25.0 21.7 32.5

61 25.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.561 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

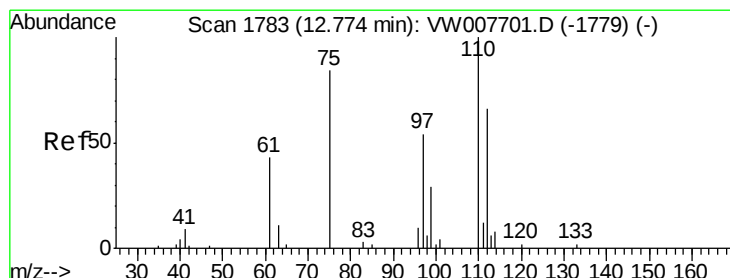
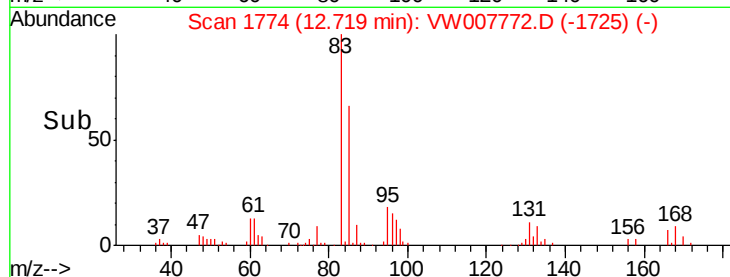
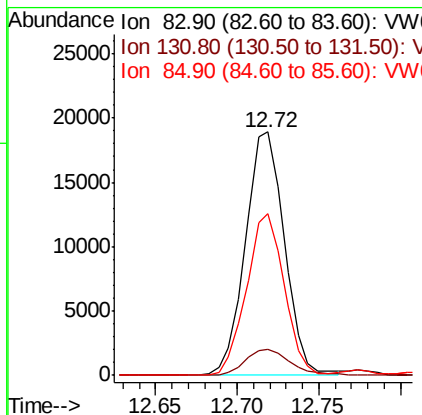
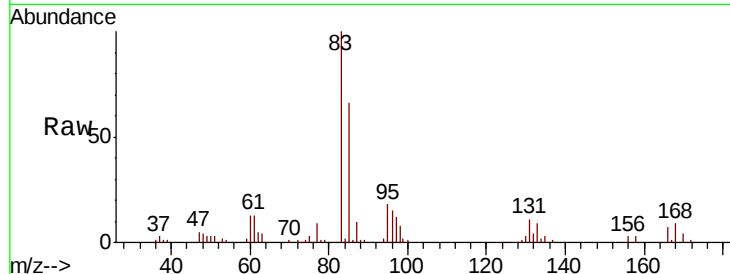
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	31575
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.3	18.8
85	64.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 55.314 ug/l m

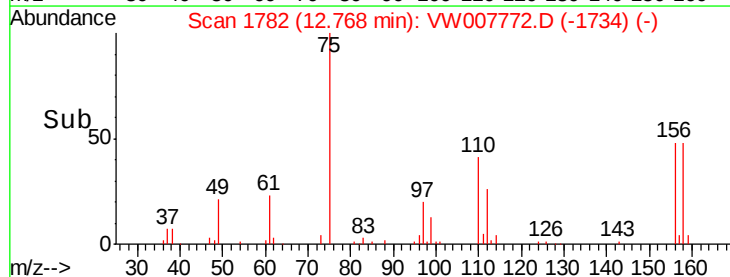
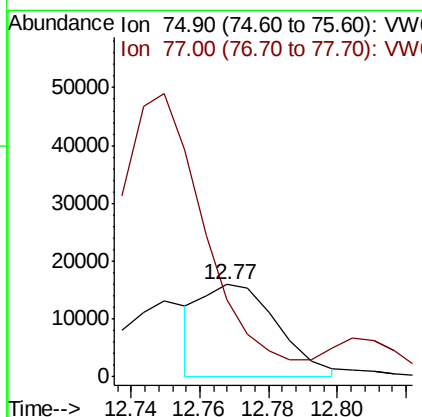
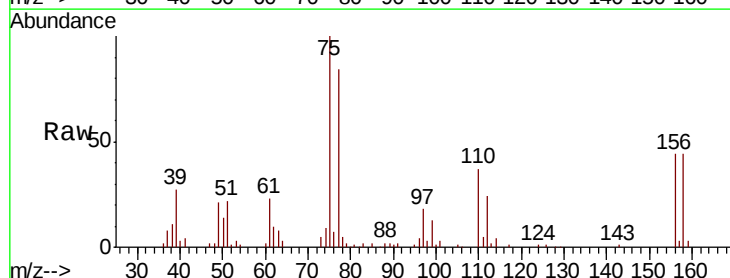
RT: 12.77 min Scan# 1782

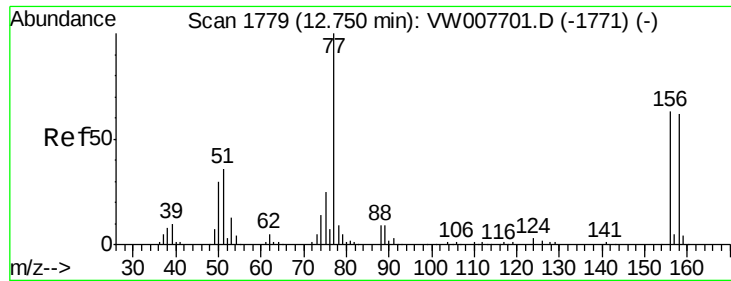
Delta R.T. -0.01 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion:	75	Resp:	24528
Ion Ratio	Lower	Upper	
75	100		
77	367.0	0.0	0.0#





#77

Bromobenzene

Concen: 50.132 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

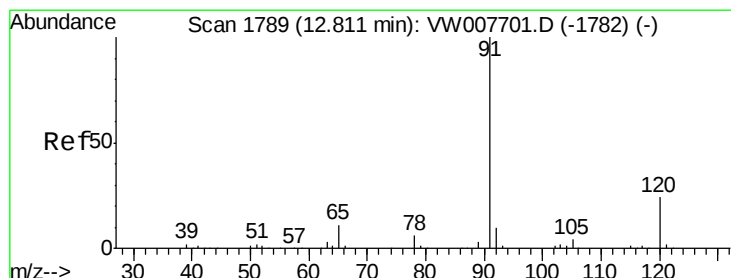
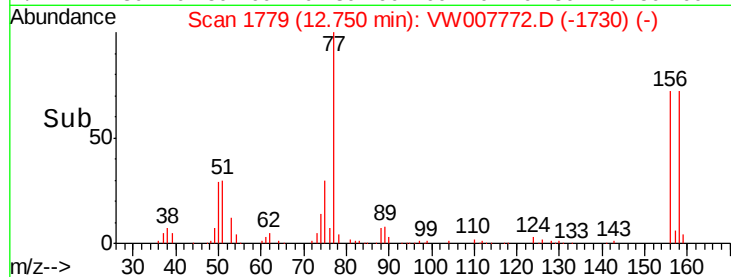
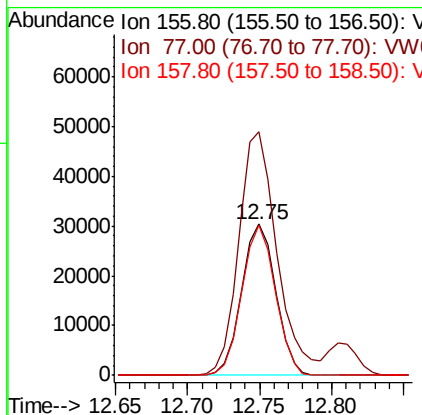
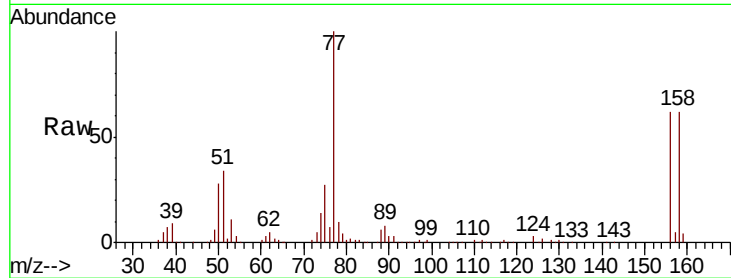
ClientSampleId :

VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	49824		
156	100		
77	180.7	87.4	262.1
158	97.5	48.4	145.0

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#78

n-propylbenzene

Concen: 50.259 ug/l

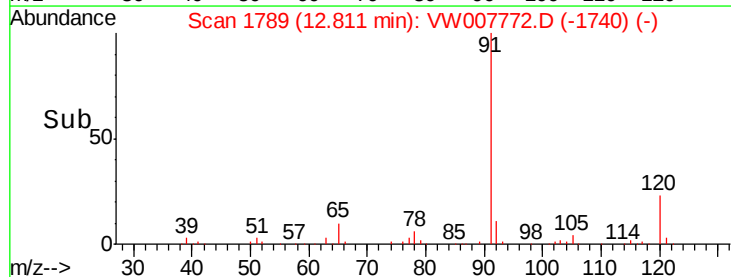
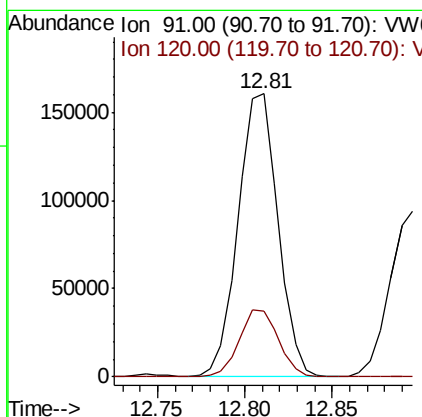
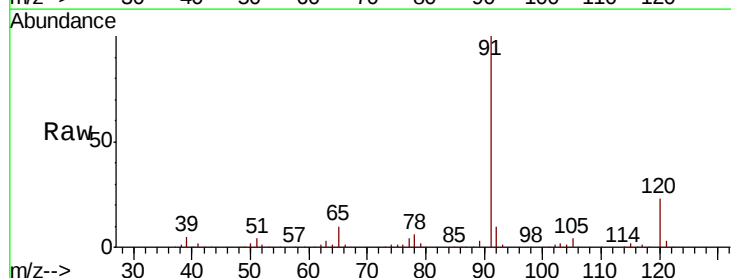
RT: 12.81 min Scan# 1789

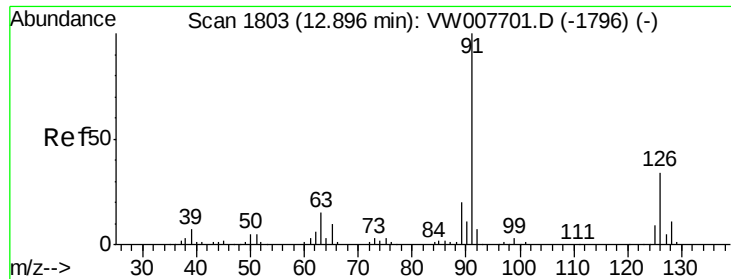
Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Tgt Ion	Resp	Lower	Upper
91	253718		
91	100		
120	23.5	11.9	35.7





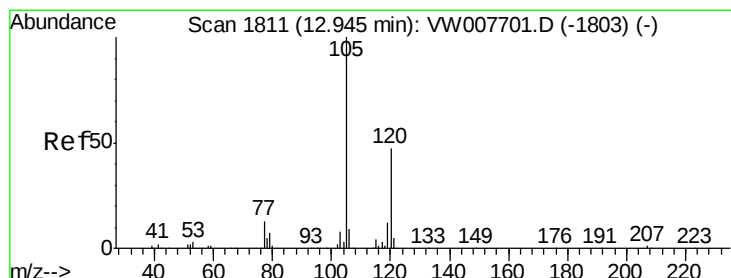
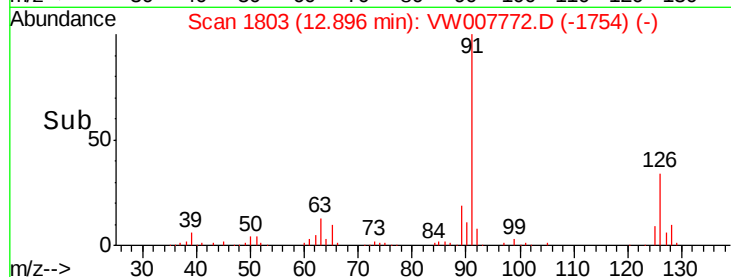
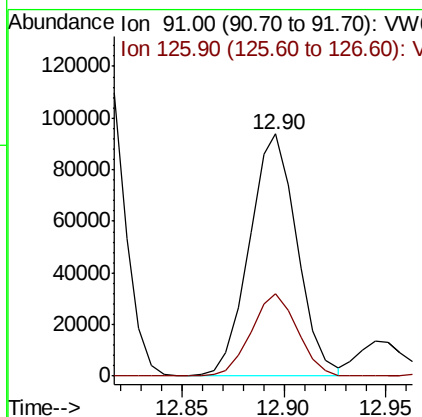
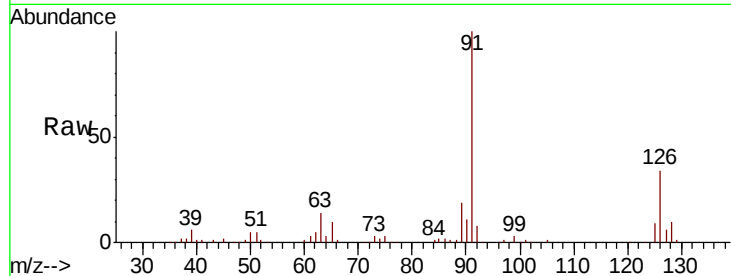
#79
 2-Chlorotoluene
 Concen: 51.688 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 152004
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.0 51.0

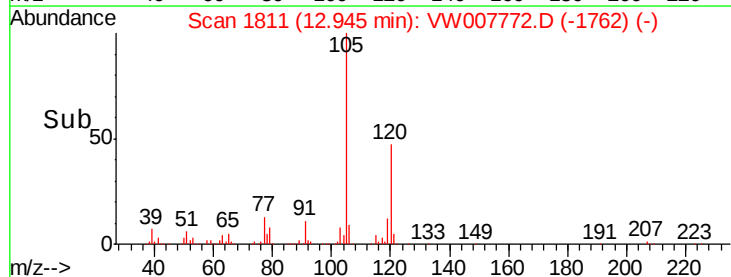
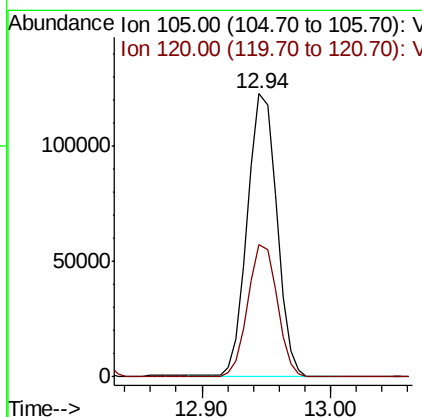
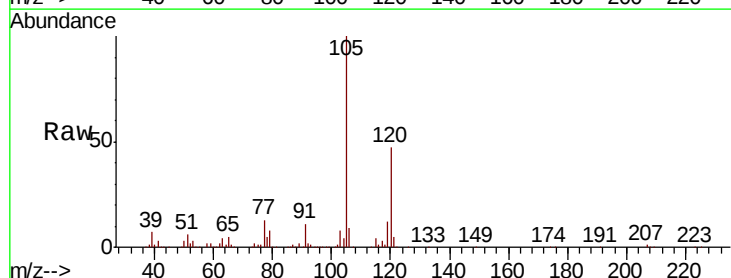
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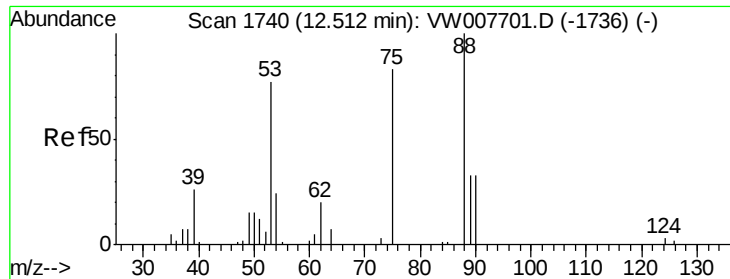
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.807 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion: 105 Resp: 193796
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.6 70.8





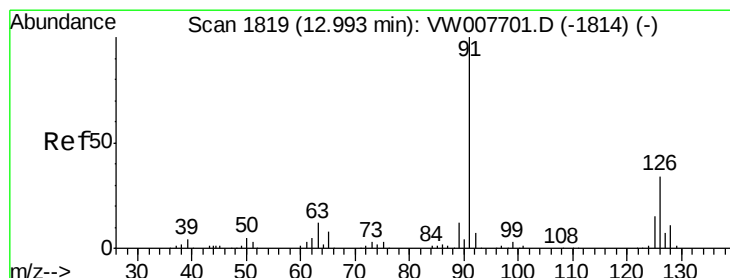
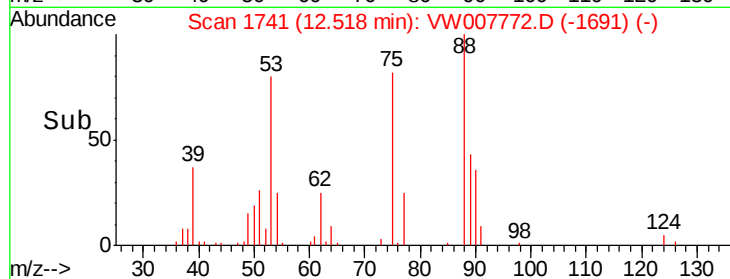
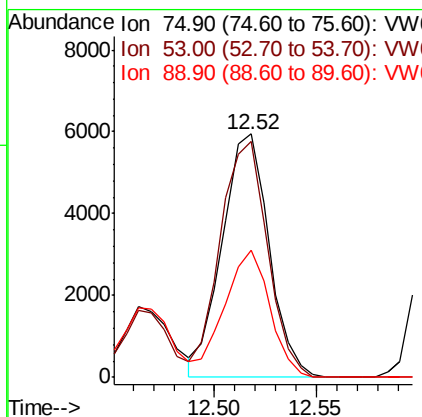
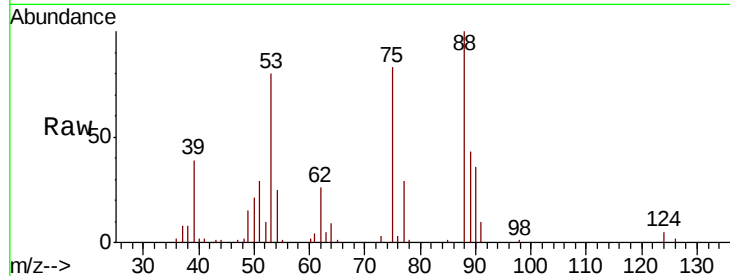
#81
trans-1,4-Dichloro-2-butene
Concen: 44.899 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.9	80.2	120.2
89	51.0	39.2	58.8

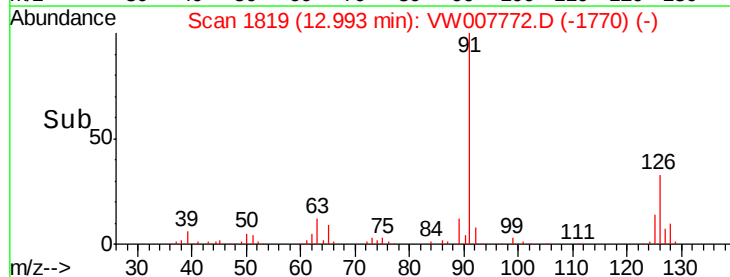
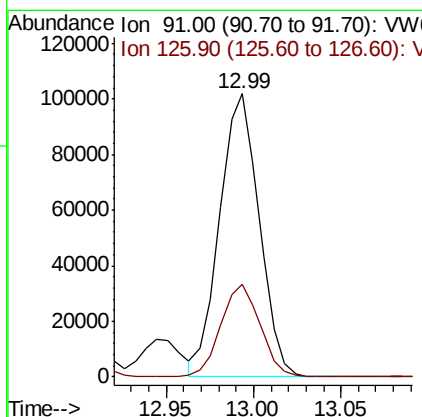
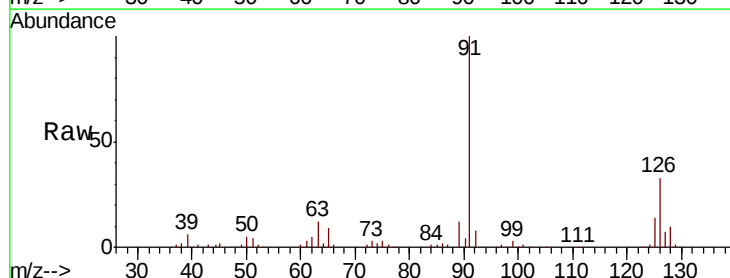
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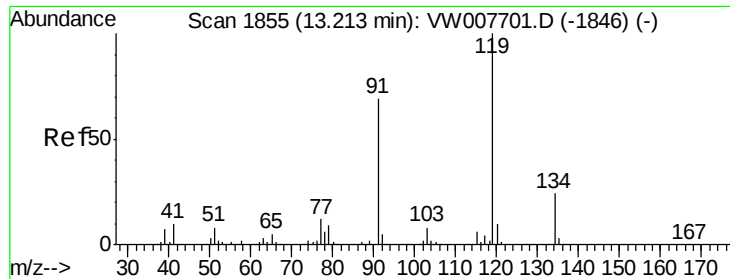
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#82
4-Chlorotoluene
Concen: 51.118 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.5	49.5





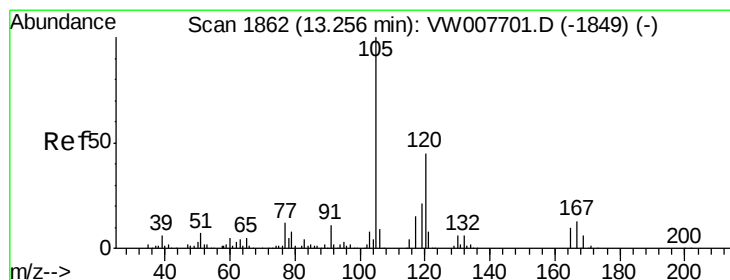
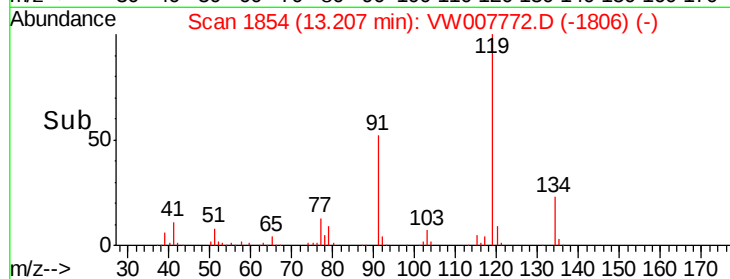
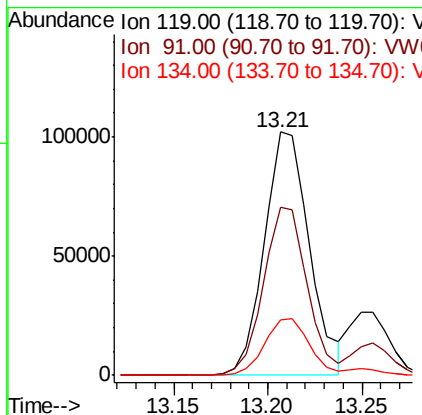
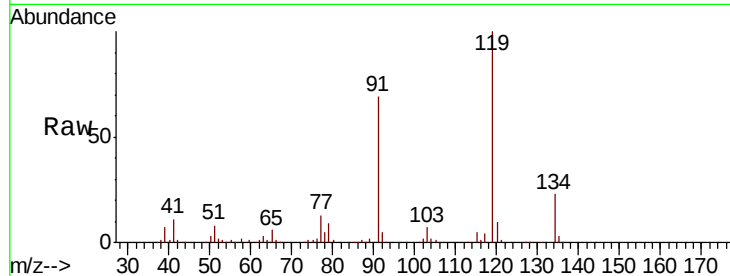
#83
 tert-Butylbenzene
 Concen: 51.624 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	169440		
91	66.9	34.2	102.5	
134	23.5	12.8	38.4	

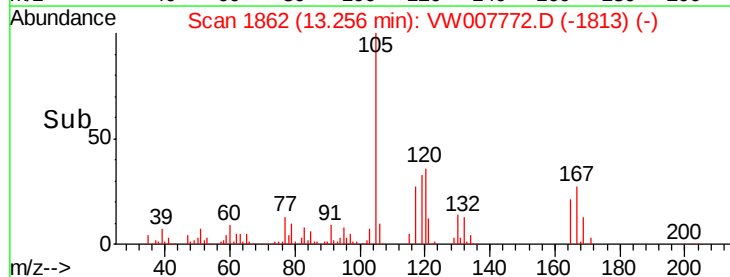
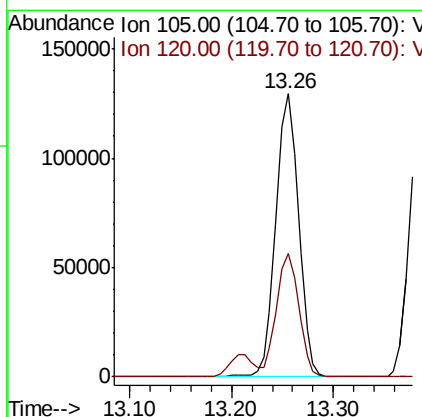
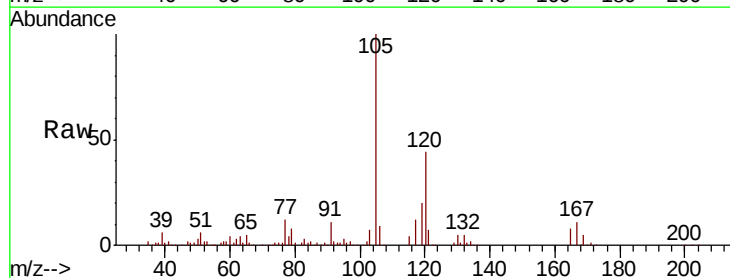
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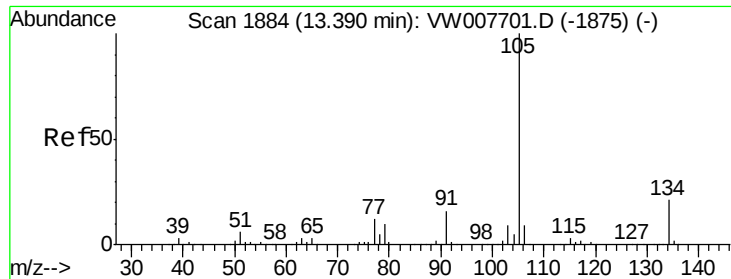
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.841 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199454		
120	43.4	22.0	66.0	





#85

sec-Butylbenzene

Concen: 50.411 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 228030

Ion Ratio Lower Upper

105 100

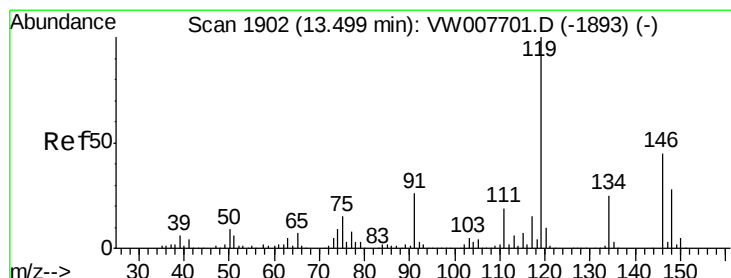
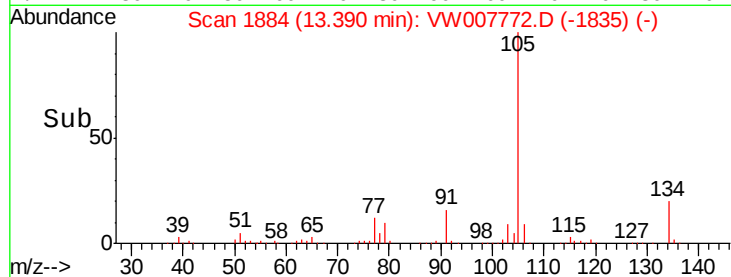
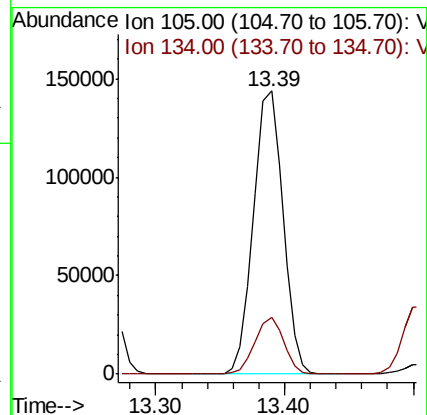
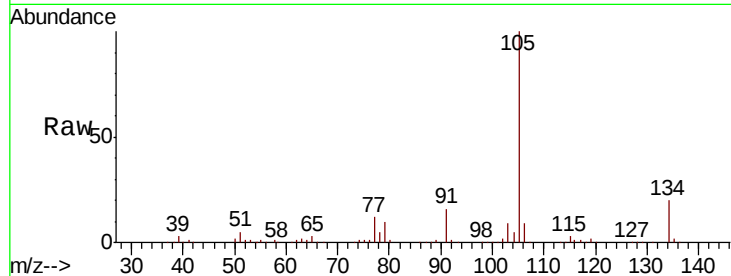
134 19.7 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 51.125 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007772.D

Acq: 21 Dec 2018 04:21

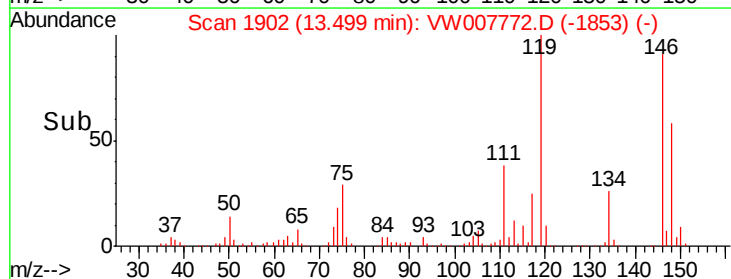
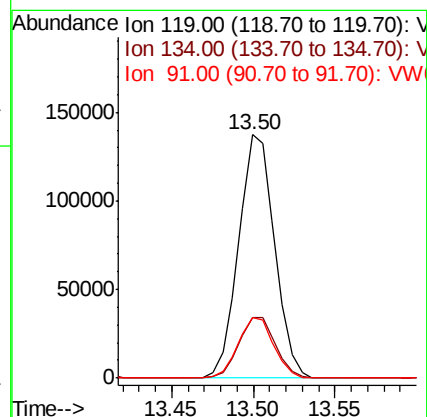
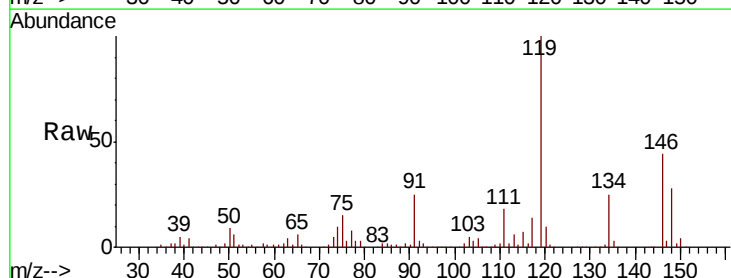
Tgt Ion:119 Resp: 210287

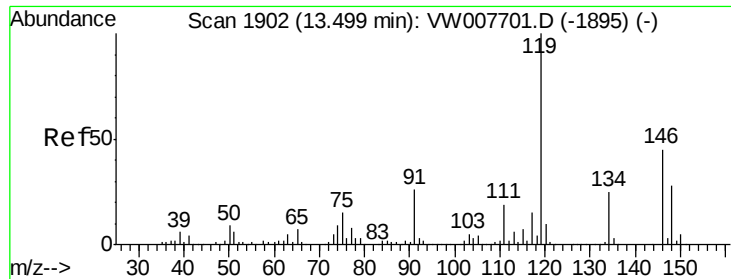
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 24.9 12.8 38.4





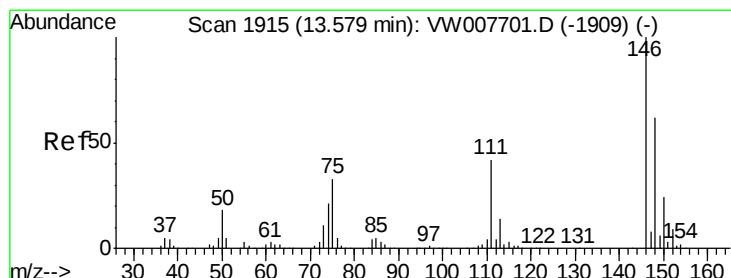
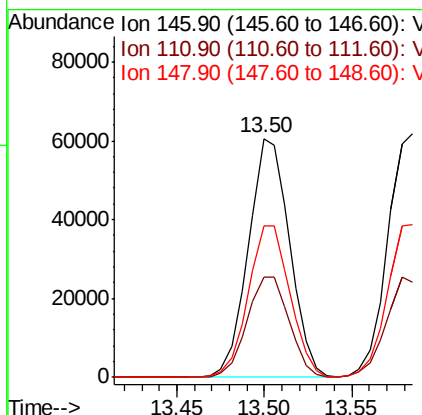
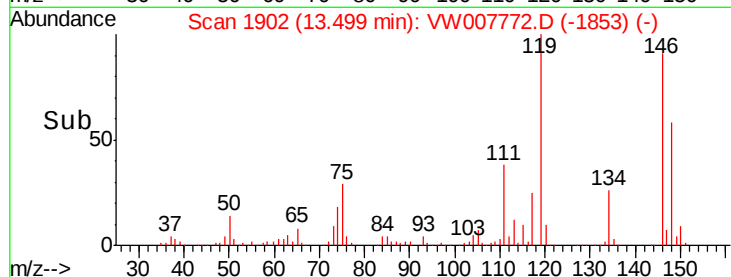
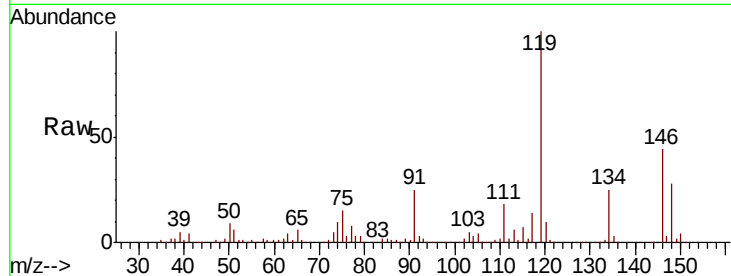
#87
 1,3-Dichlorobenzene
 Concen: 50.306 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	64.2	32.1	96.5

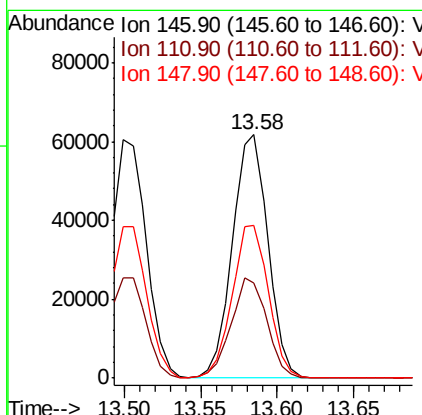
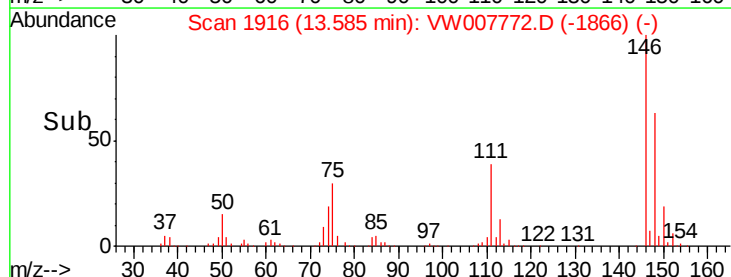
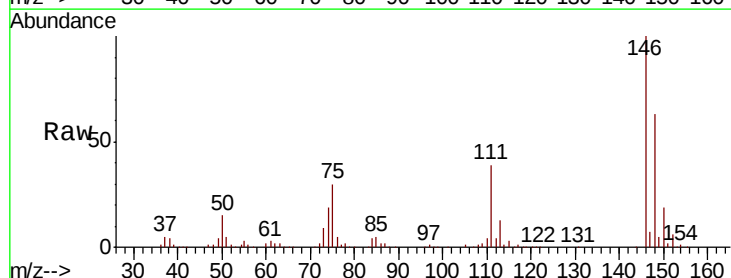
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#88
 1,4-Dichlorobenzene
 Concen: 50.372 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.0	63.0
148	63.9	31.8	95.4





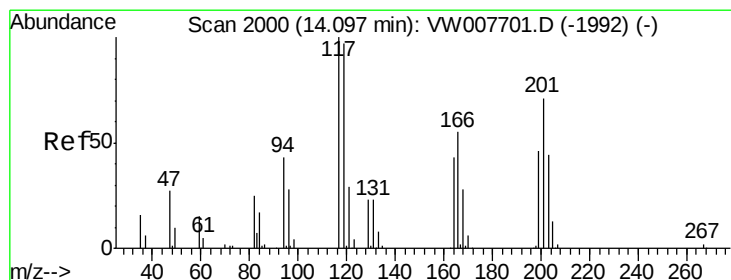
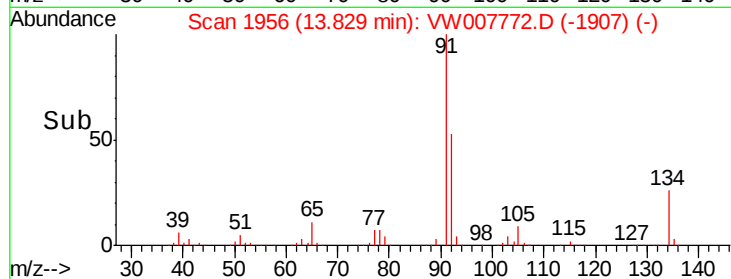
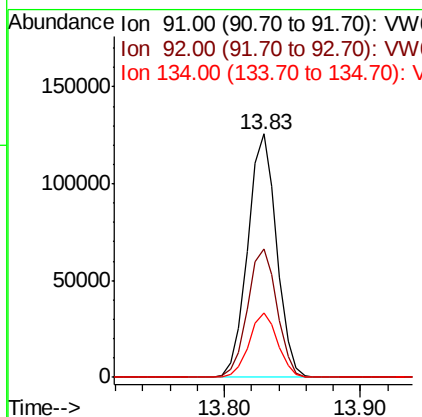
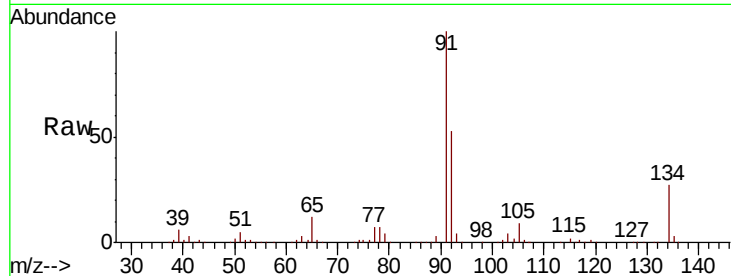
#89
n-Butylbenzene
Concen: 49.604 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 187074
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.2
134 26.6 13.7 41.0

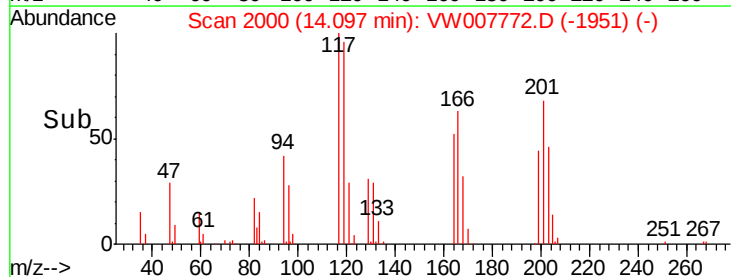
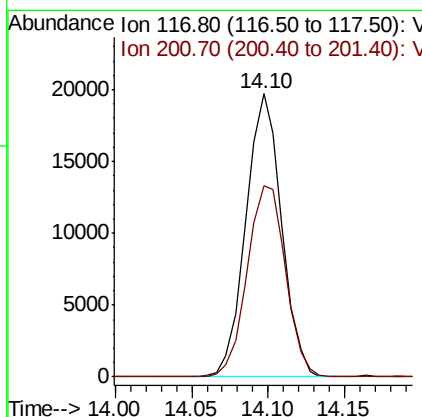
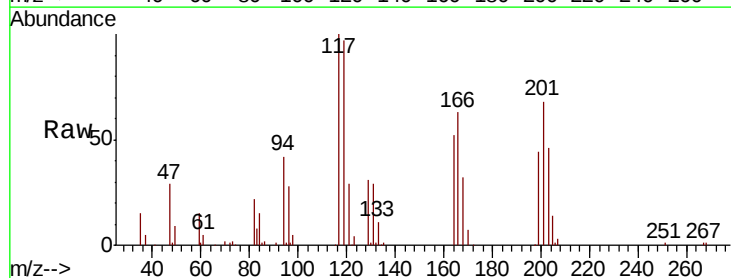
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#90
Hexachloroethane
Concen: 44.195 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion: 117 Resp: 31914
Ion Ratio Lower Upper
117 100
201 72.9 36.2 108.6





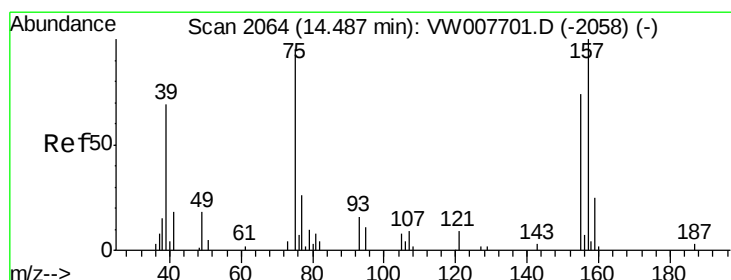
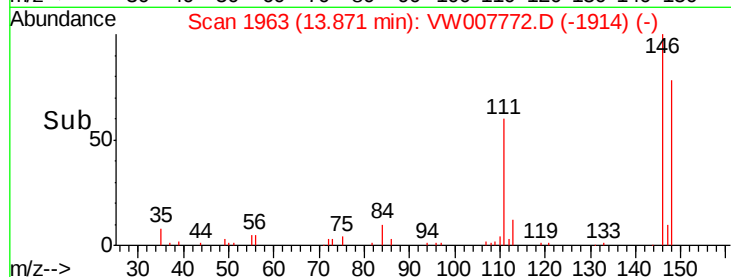
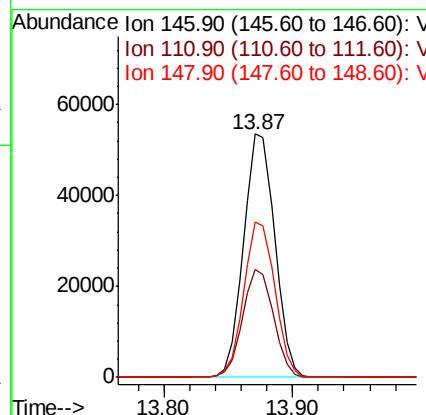
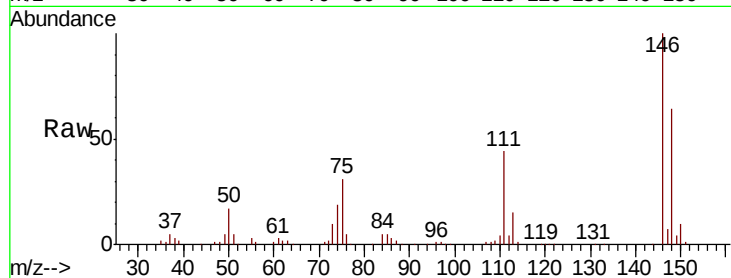
#91
 1,2-Dichlorobenzene
 Concen: 50.688 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	63.4	32.1	96.5

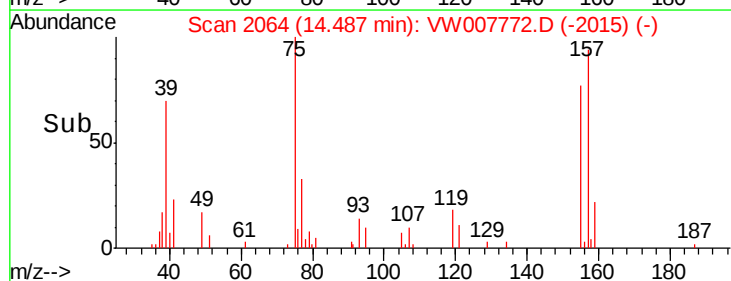
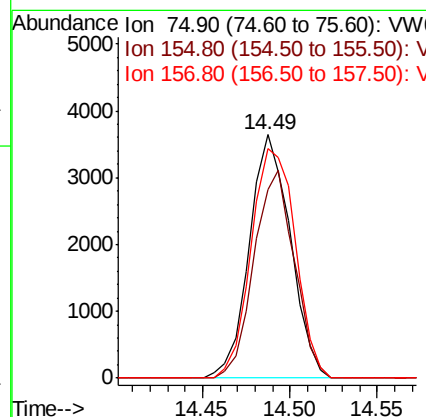
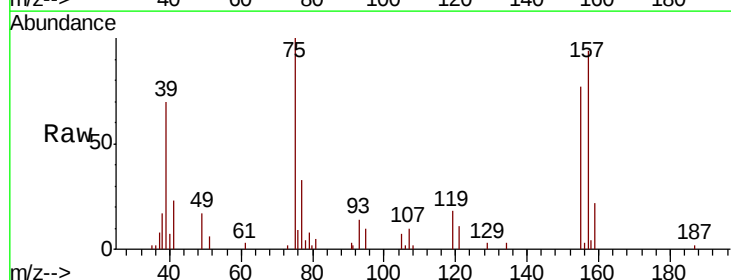
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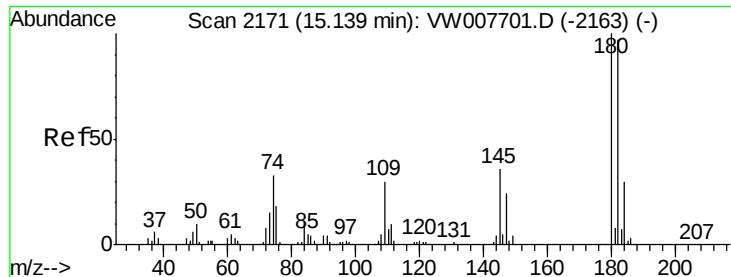
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.424 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	39.4	118.1
157	101.8	52.0	156.0





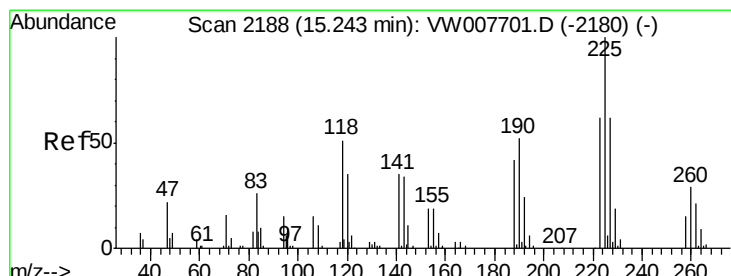
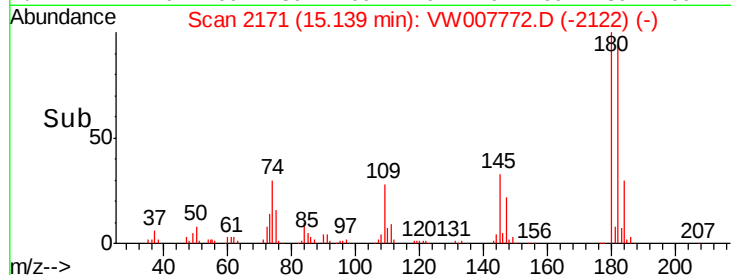
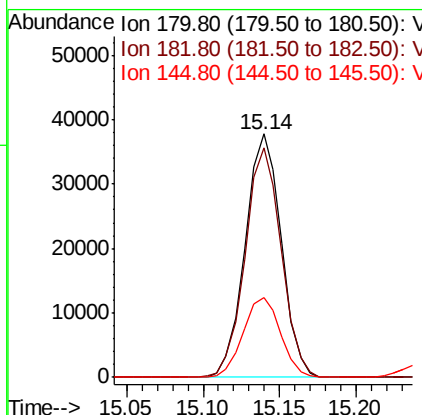
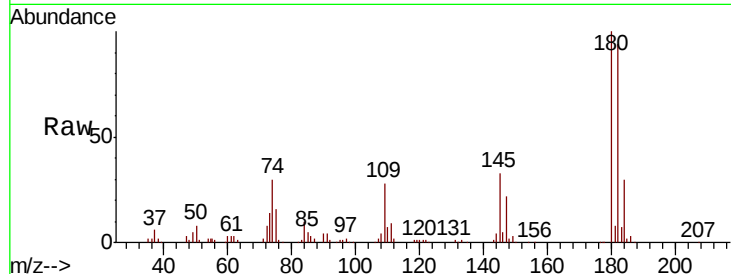
#93
 1,2,4-Trichlorobenzene
 Concen: 50.422 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61838		
182	94.2	47.5	142.6	
145	34.0	17.5	52.5	

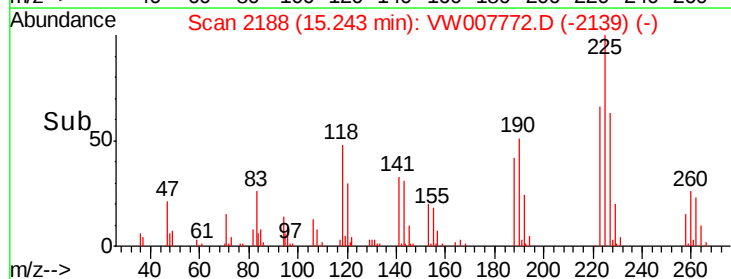
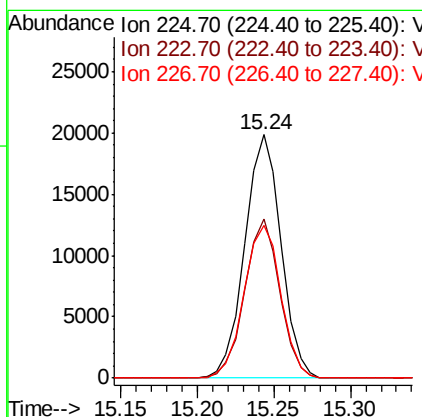
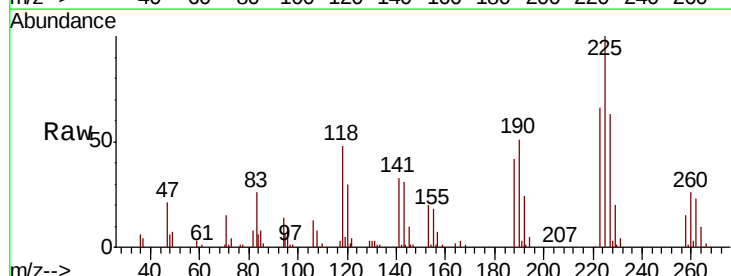
Manual Integrations
 APPROVED

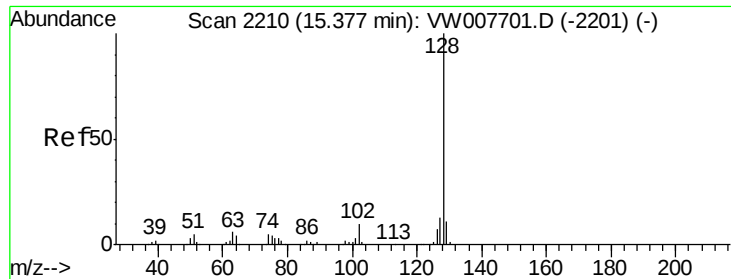
apatel
 12/21/2018 11:04:43 AM



#94
 Hexachlorobutadiene
 Concen: 49.956 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007772.D
 Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32742		
223	63.3	31.6	94.8	
227	63.6	32.1	96.3	





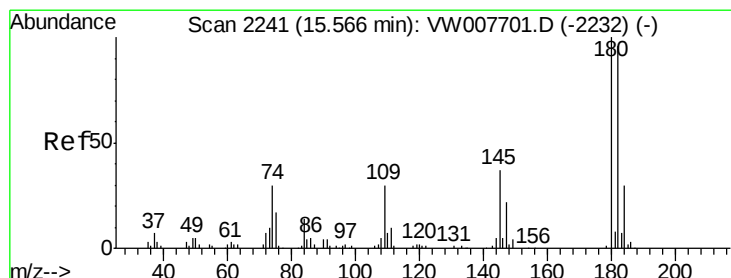
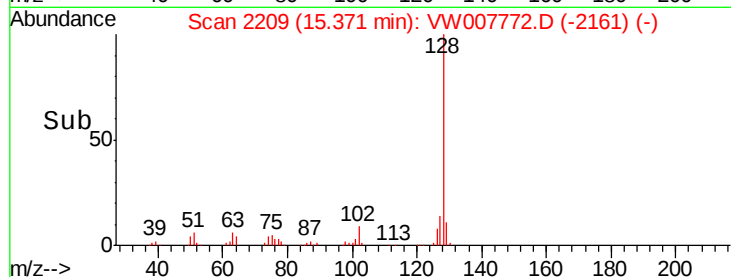
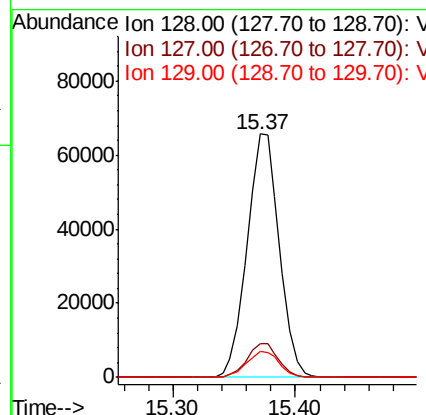
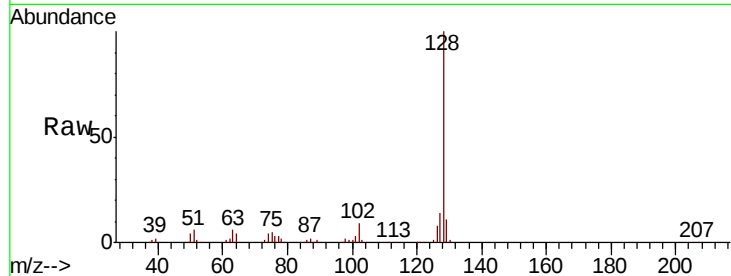
#95
Naphthalene
Concen: 52.949 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.417 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007772.D
Acq: 21 Dec 2018 04:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	36.5	18.4	55.0

