

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122018\
 Data File : VW007675.D
 Acq On : 19 Dec 2018 00:14
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:39 PM

Quant Time: Dec 19 05:54:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37116	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.88	113	32899	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	120254	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	47095	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20873	47.243	ug/l	95
3) Chloromethane	2.21	50	14934	40.359	ug/l	97
4) Vinyl Chloride	2.37	62	19516	44.943	ug/l	95
5) Bromomethane	2.78	94	14134	48.444	ug/l	91
6) Chloroethane	2.93	64	11393	47.663	ug/l	98
7) Trichlorofluoromethane	3.26	101	20523	52.569	ug/l	96
8) Diethyl Ether	3.68	74	16942	55.446	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31895	49.513	ug/l	98
10) Methyl Iodide	4.26	142	53600	50.240	ug/l	96
11) Tert butyl alcohol	5.17	59	13501	280.258	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	30894	49.811	ug/l	95
13) Acrolein	3.89	56	8221	257.905	ug/l	99
14) Allyl chloride	4.66	41	42407	46.386	ug/l	95
15) Acrylonitrile	5.36	53	35109	272.564	ug/l	99
16) Acetone	4.12	43	34601	282.413	ug/l	99
17) Carbon Disulfide	4.37	76	85679	45.561	ug/l	100
18) Methyl Acetate	4.67	43	17495	52.612	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	52261	55.856	ug/l	99
20) Methylene Chloride	4.90	84	34470	51.571	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	34671	49.972	ug/l	96
22) Diisopropyl ether	6.31	45	86897	49.451	ug/l	92
23) Vinyl Acetate	6.26	43	265046	269.660	ug/l	95
24) 1,1-Dichloroethane	6.21	63	59742	50.302	ug/l	99
25) 2-Butanone	7.17	43	45548	284.766	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41020	52.187	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39024	51.368	ug/l	99
28) Bromochloromethane	7.51	49	22677	50.762	ug/l	94
29) Tetrahydrofuran	7.53	42	27966	276.184	ug/l	96
30) Chloroform	7.67	83	68735	53.182	ug/l	98
31) Cyclohexane	7.95	56	46648	42.810	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	61442	54.210	ug/l	99
36) 1,1-Dichloropropene	8.08	75	49206	52.726	ug/l	99
37) Ethyl Acetate	7.25	43	19875	57.260	ug/l	99
38) Carbon Tetrachloride	8.07	117	58433	57.545	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58488	51.757	ug/l	91
40) Benzene	8.32	78	138375	53.429	ug/l	100
41) Methacrylonitrile	7.48	41	11736	59.375	ug/l	93
42) 1,2-Dichloroethane	8.40	62	48981	60.206	ug/l	98
43) Isopropyl Acetate	8.43	43	41025	59.835	ug/l	99
44) Trichloroethene	9.09	130	40532	54.805	ug/l	100
45) 1,2-Dichloropropane	9.37	63	32273	53.848	ug/l	97
46) Dibromomethane	9.46	93	20262	59.533	ug/l	98
47) Bromodichloromethane	9.65	83	51667	57.874	ug/l	96
48) Methyl methacrylate	9.44	41	19749	56.085	ug/l	90
49) 1,4-Dioxane	9.45	88	6425	1163.438	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	100703	310.848	ug/l	99
52) Toluene	10.39	92	93099	55.547	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51242	59.123	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	56130	56.022	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28731	62.025	ug/l	97
56) Ethyl methacrylate	10.65	69	34683	62.293	ug/l	98
57) 1,3-Dichloropropane	10.93	76	47296	62.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89594	348.949	ug/l	98
59) 2-Hexanone	10.97	43	72354	334.944	ug/l	99
60) Dibromochloromethane	11.13	129	37070	63.413	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28373	61.981	ug/l	95
64) Tetrachloroethene	10.87	164	35910	53.267	ug/l	94
65) Chlorobenzene	11.66	112	107503	55.018	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	39244	57.025	ug/l	99
67) Ethyl Benzene	11.73	91	183986	54.767	ug/l	92
68) m/p-Xylenes	11.84	106	143344	109.759	ug/l	99
69) o-Xylene	12.17	106	67615	55.435	ug/l	96
70) Styrene	12.18	104	114893	58.319	ug/l	98
71) Bromoform	12.35	173	21555	61.194	ug/l #	96
73) Isopropylbenzene	12.47	105	193002	51.891	ug/l	98
74) N-amyl acetate	12.27	43	36975	54.699	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	31779	57.687	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	20153m	50.353	ug/l	
77) Bromobenzene	12.75	156	43824	53.156	ug/l	95
78) n-propylbenzene	12.81	91	222681	53.199	ug/l	100
79) 2-Chlorotoluene	12.90	91	129189	51.007	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	165572	52.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9795	54.061	ug/l	98
82) 4-Chlorotoluene	12.99	91	138726	51.961	ug/l	97
83) tert-Butylbenzene	13.21	119	144418	52.444	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	168436	52.374	ug/l	97
85) sec-Butylbenzene	13.39	105	198930	52.918	ug/l	95
86) p-Isopropyltoluene	13.51	119	181127	53.633	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	86880	52.854	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	86481	52.332	ug/l	97
89) n-Butylbenzene	13.83	91	163129	52.105	ug/l	99
90) Hexachloroethane	14.10	117	31921	53.122	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	79755	54.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6625	59.927	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	55260	54.540	ug/l	94
94) Hexachlorobutadiene	15.24	225	27838	51.783	ug/l	99
95) Naphthalene	15.38	128	112544	58.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	48540	55.150	ug/l	99

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

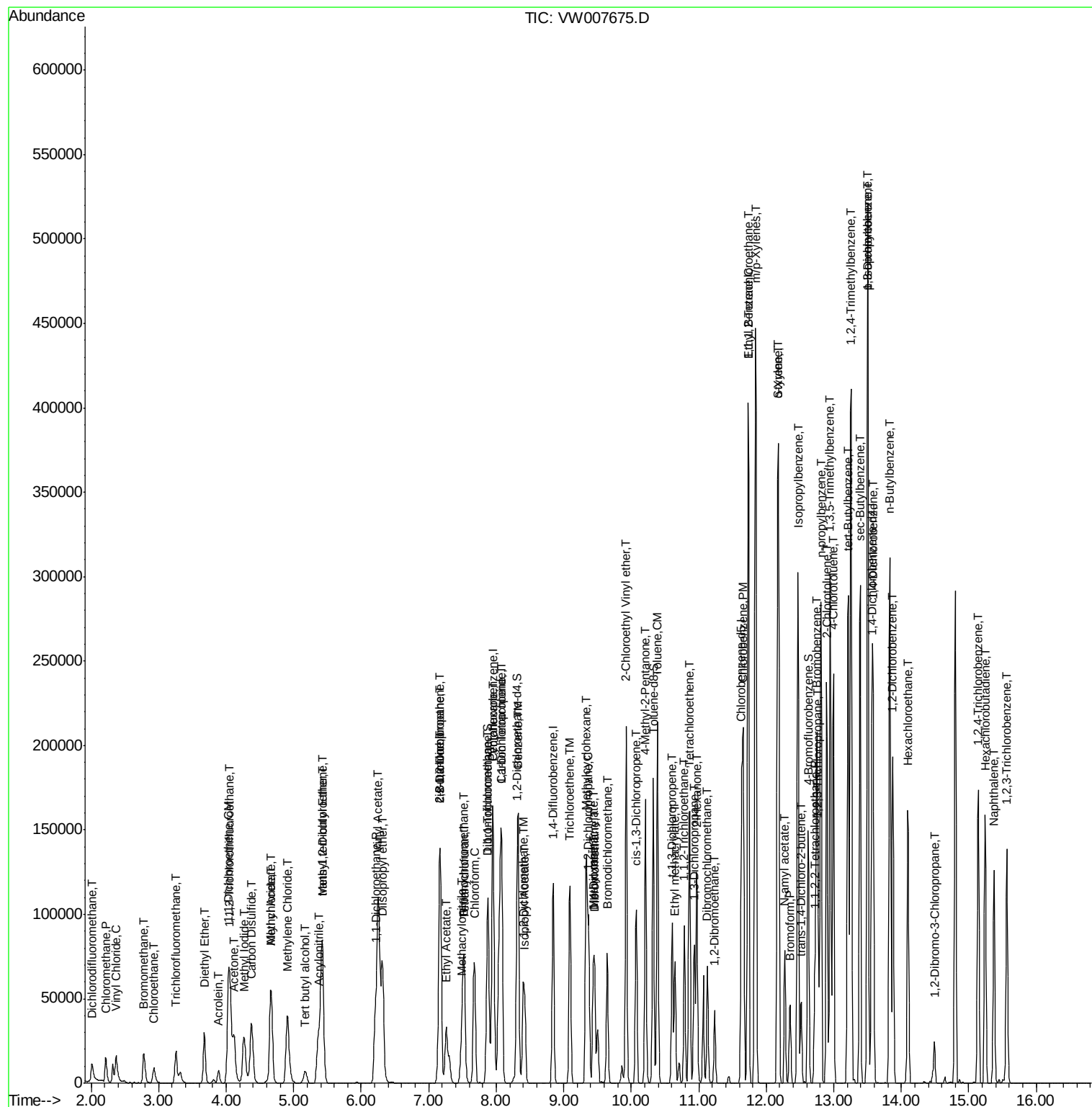
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
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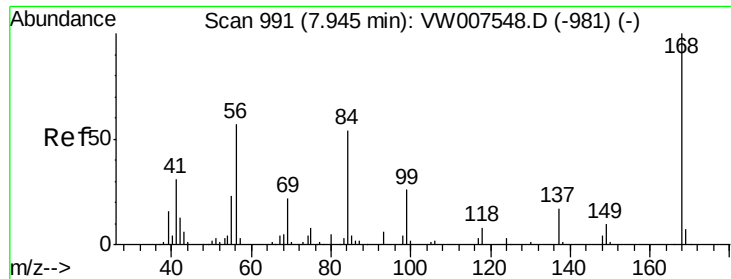
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 63225

Ion Ratio Lower Upper

168 100

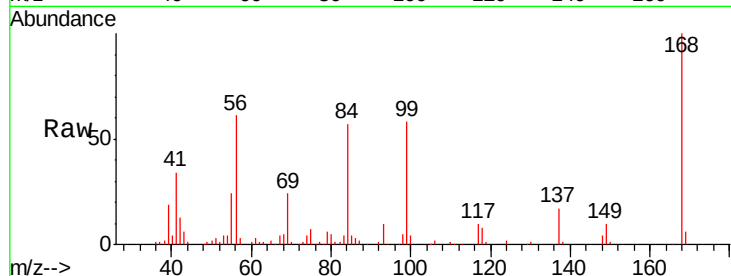
99 58.4 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

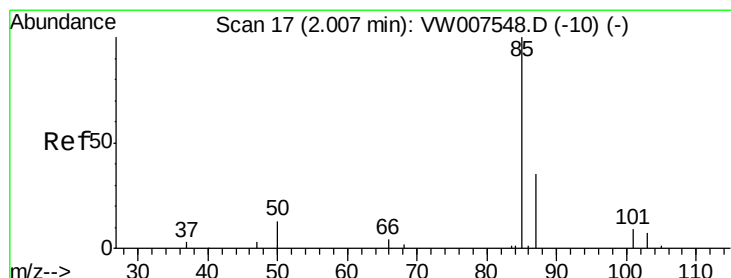
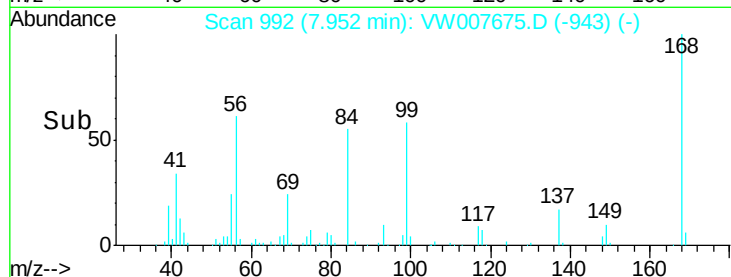
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 47.243 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007675.D

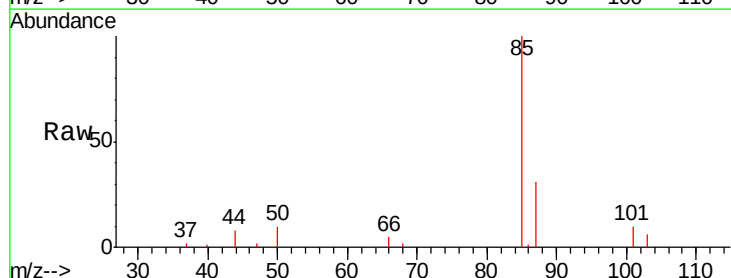
Acq: 19 Dec 2018 00:14

Tgt Ion: 85 Resp: 20873

Ion Ratio Lower Upper

85 100

87 30.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

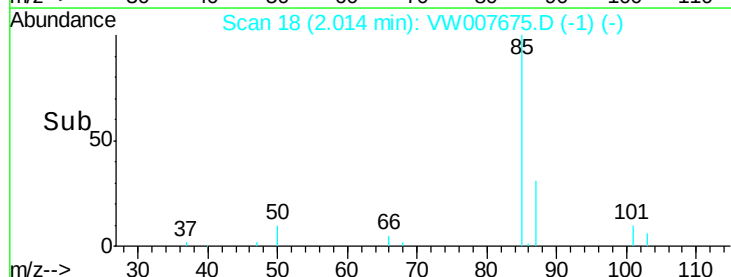
4000

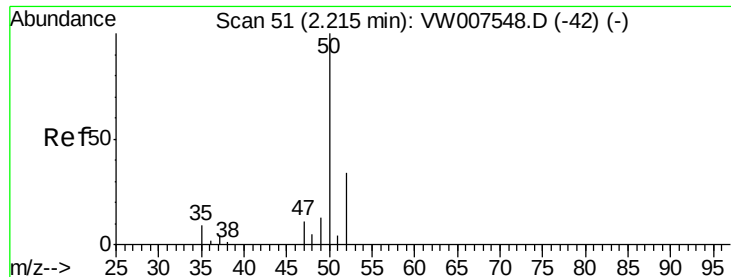
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 40.359 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 14934

Ion Ratio Lower Upper

50 100

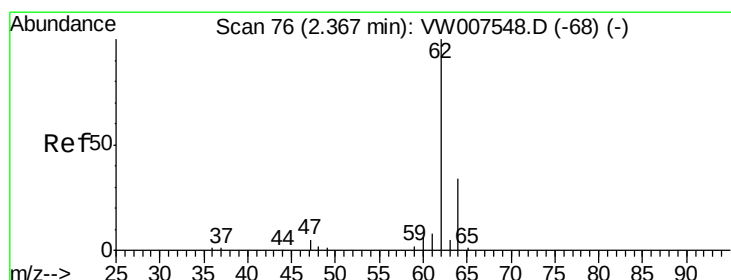
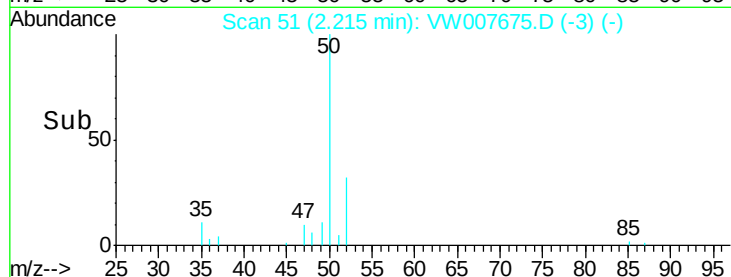
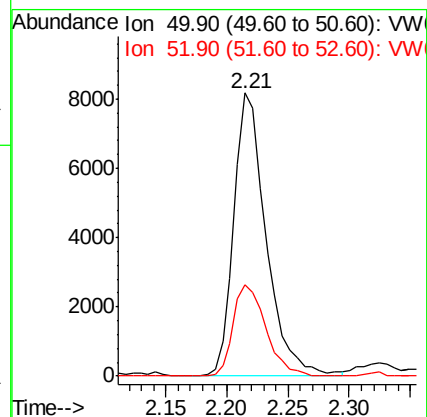
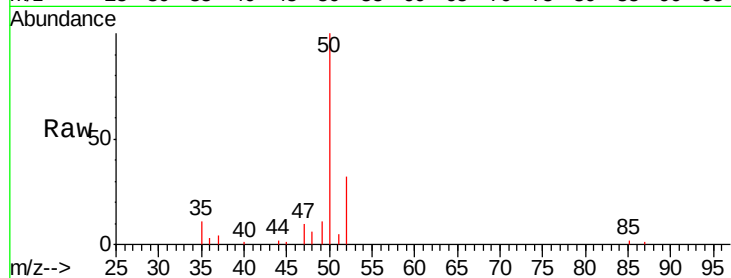
52 32.2 27.4 41.0

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#4

Vinyl Chloride

Concen: 44.943 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007675.D

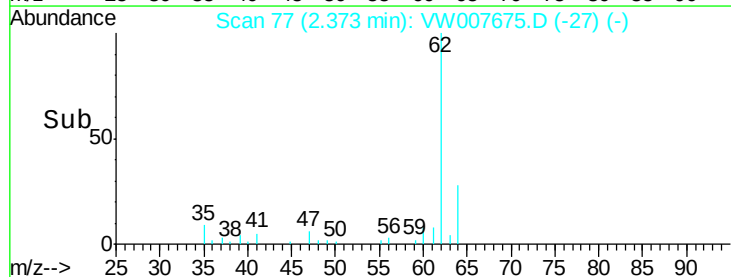
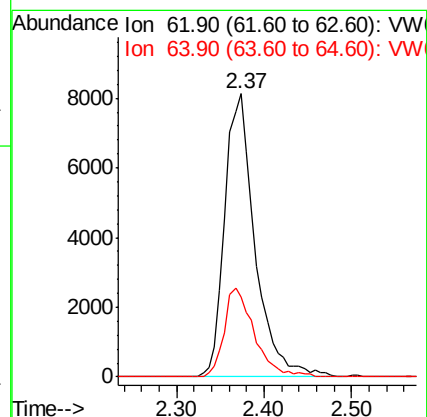
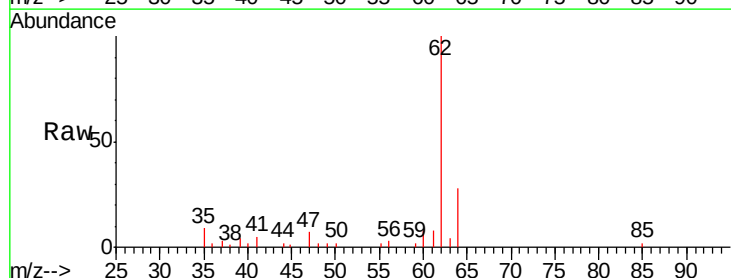
Acq: 19 Dec 2018 00:14

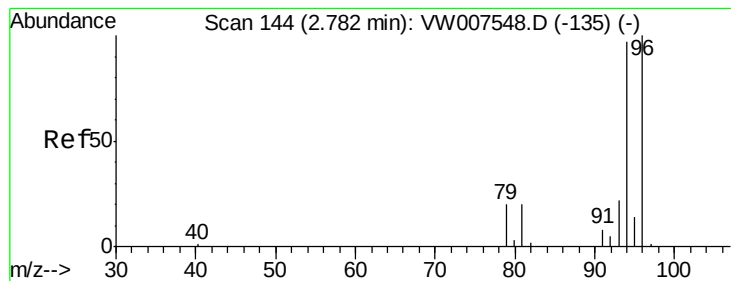
Tgt Ion: 62 Resp: 19516

Ion Ratio Lower Upper

62 100

64 28.3 24.6 37.0





#5

Bromomethane

Concen: 48.444 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 14134

Ion Ratio Lower Upper

94 100

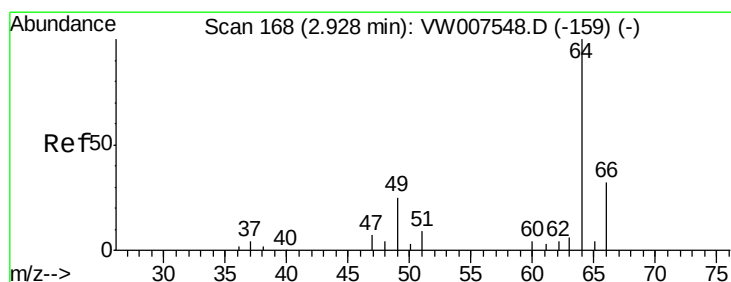
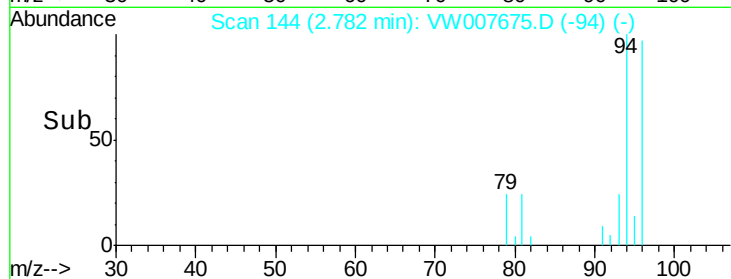
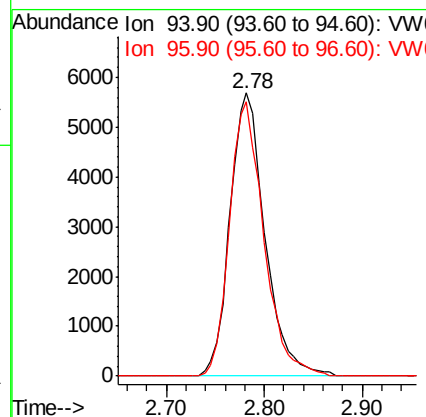
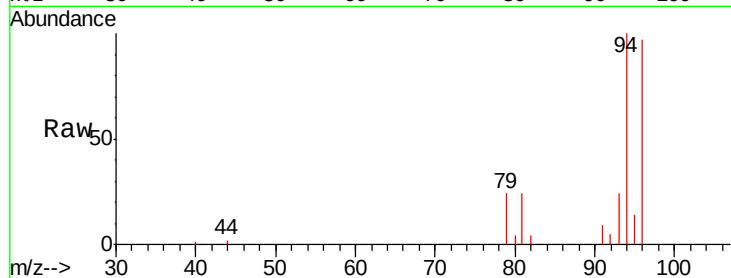
96 97.0 71.0 106.4

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#6

Chloroethane

Concen: 47.663 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007675.D

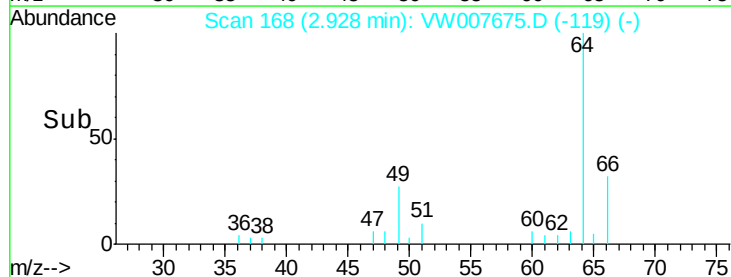
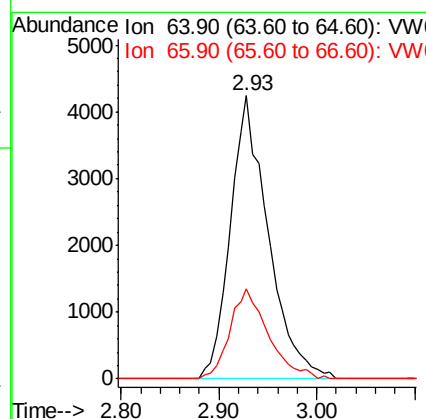
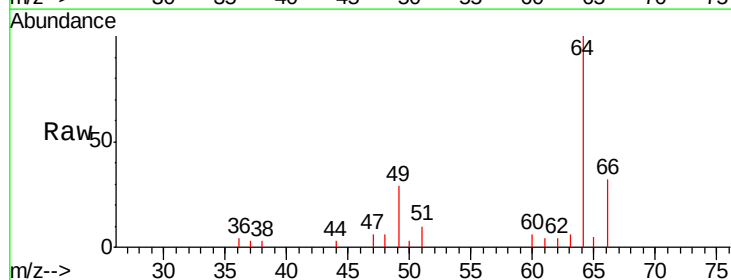
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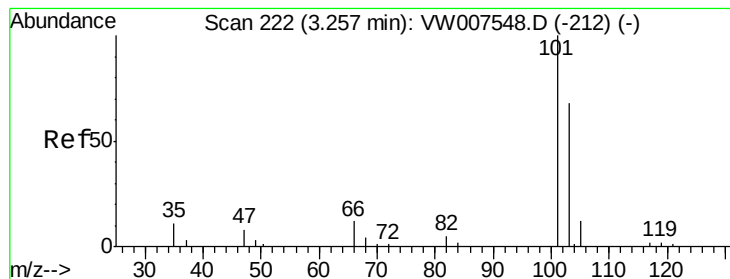
Tgt Ion: 64 Resp: 11393

Ion Ratio Lower Upper

64 100

66 32.0 24.6 37.0





#7

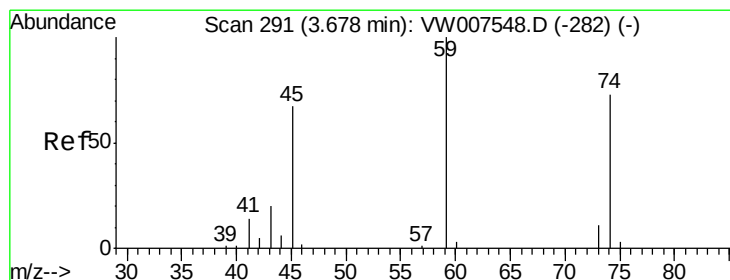
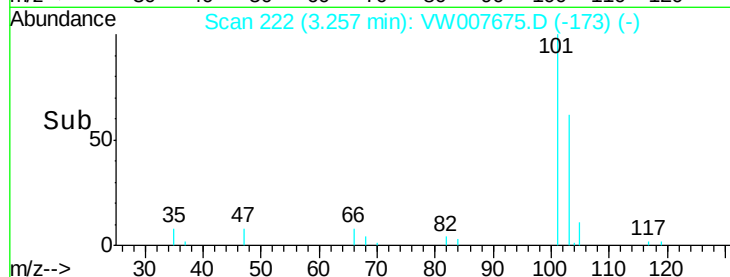
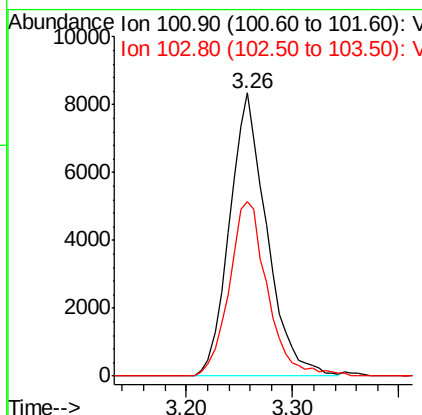
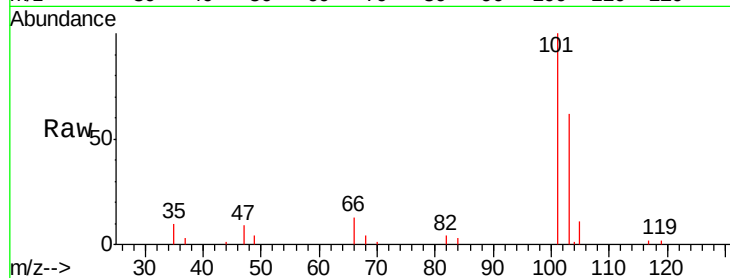
Trichlorofluoromethane
 Concen: 52.569 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 20523
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.7 77.5

Manual Integrations
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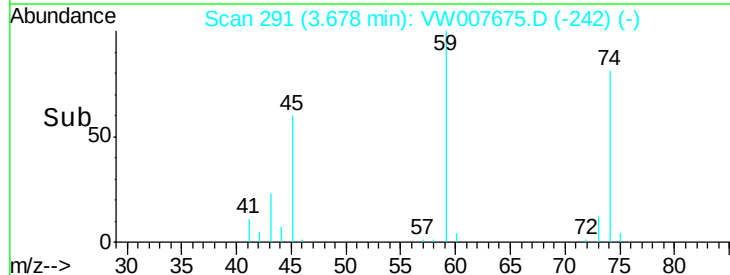
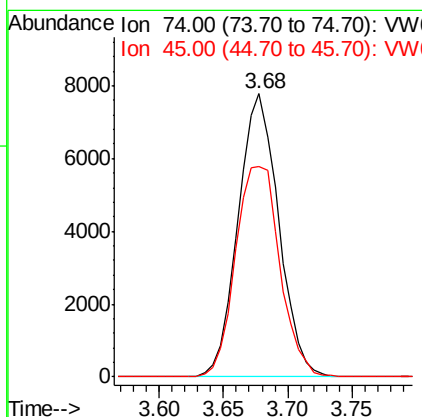
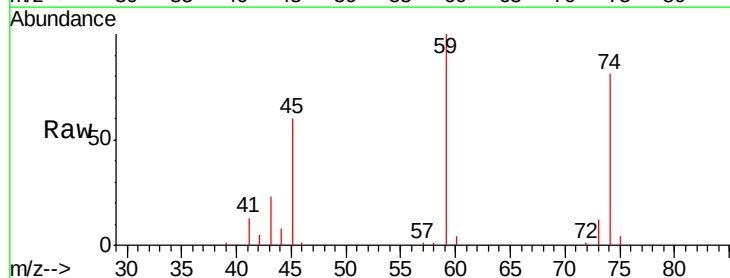
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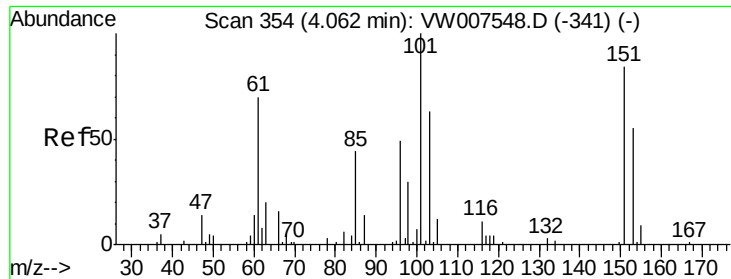


#8

Diethyl Ether
 Concen: 55.446 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 74 Resp: 16942
 Ion Ratio Lower Upper
 74 100
 45 81.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.513 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

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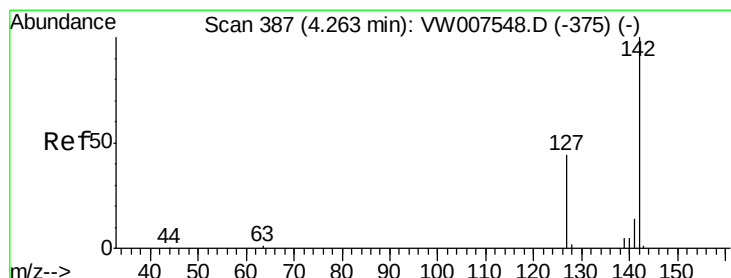
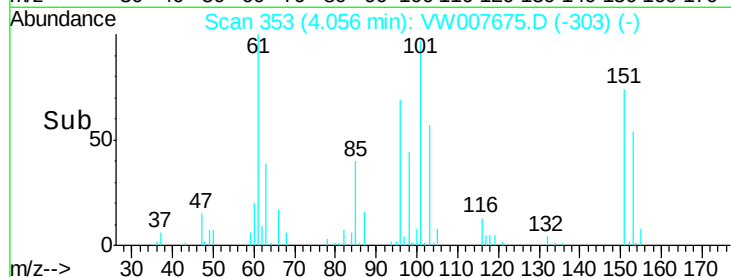
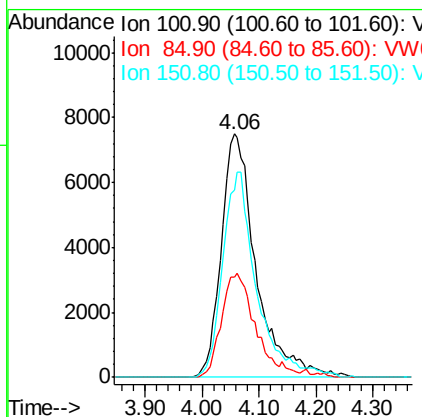
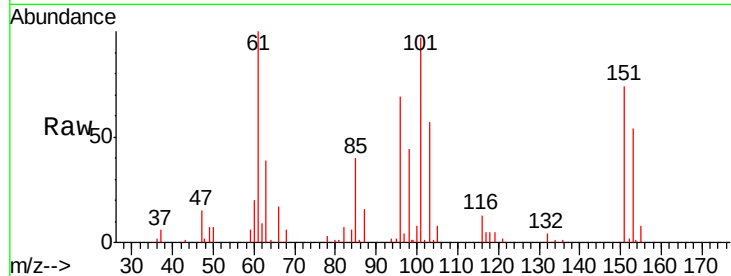
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	31895
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	82.0	63.7	95.5

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#10

Methyl Iodide

Concen: 50.240 ug/l

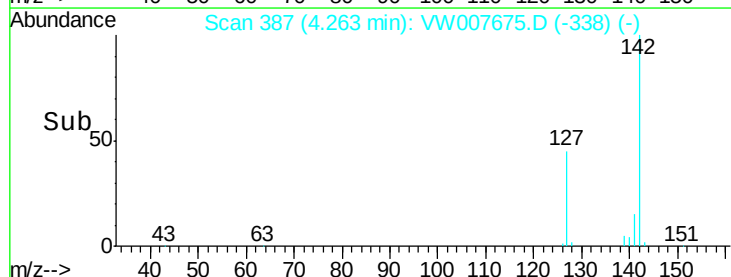
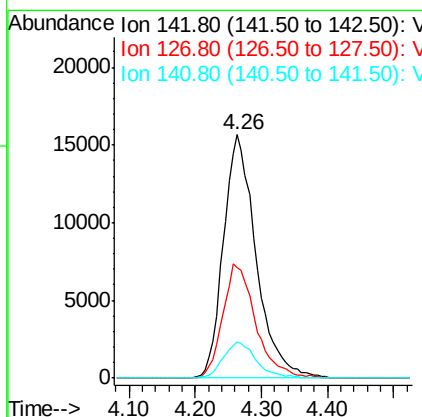
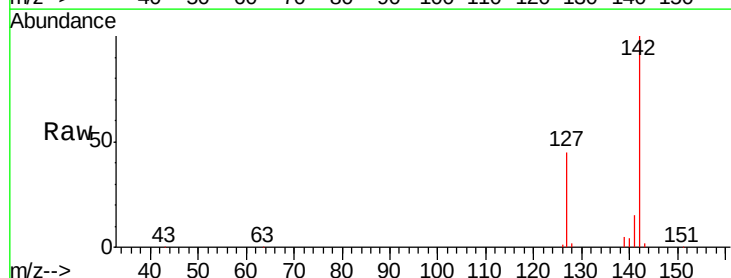
RT: 4.26 min Scan# 387

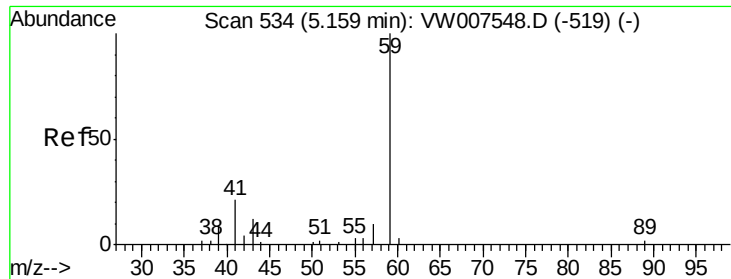
Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	142	Resp:	53600
Ion Ratio	Lower	Upper	
142	100		
127	47.2	35.8	53.6
141	14.9	11.1	16.7





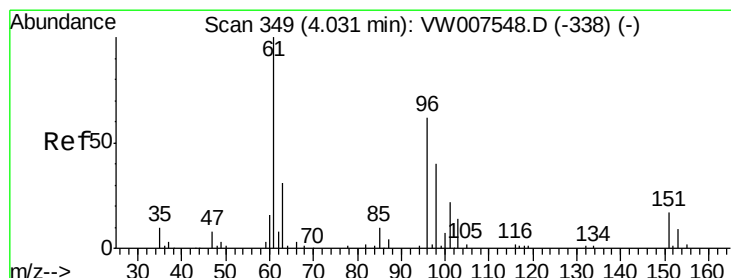
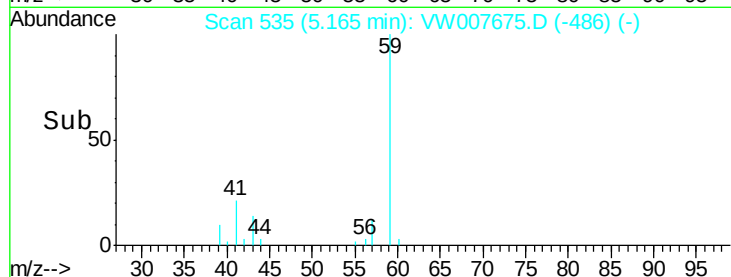
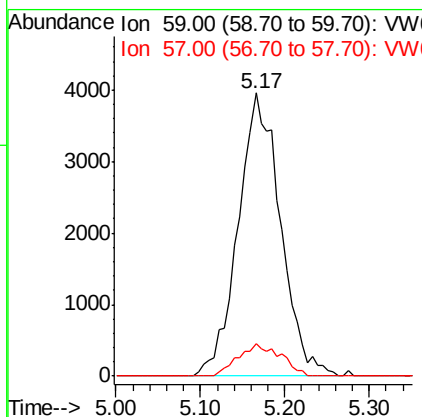
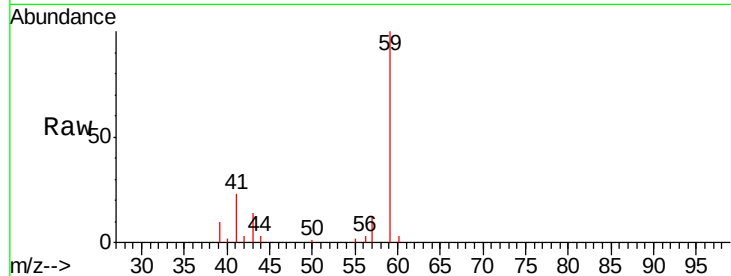
#11
Tert butyl alcohol
Concen: 280.258 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 13501
Ion Ratio Lower Upper
59 100
57 11.5 7.6 11.4#

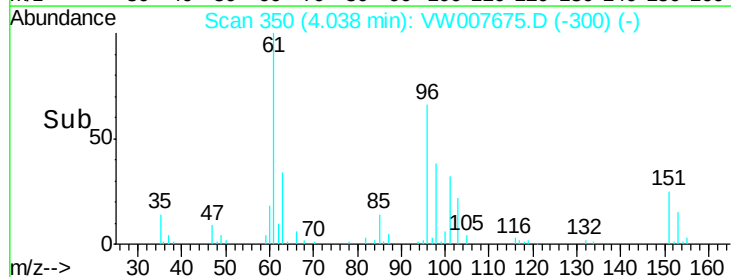
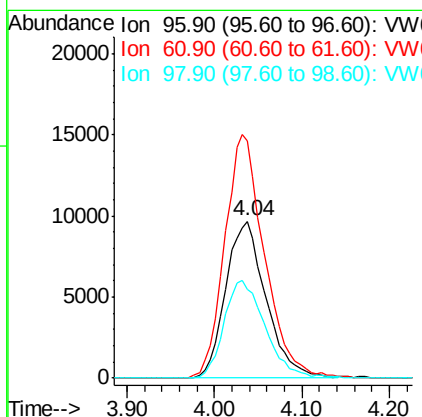
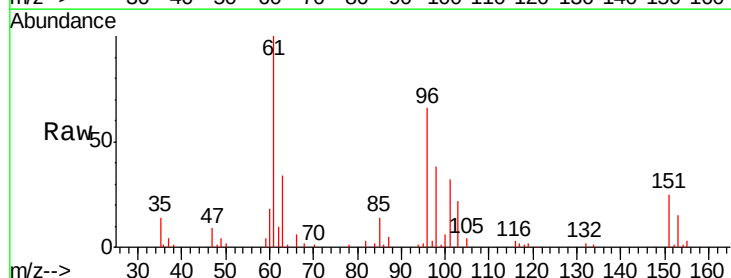
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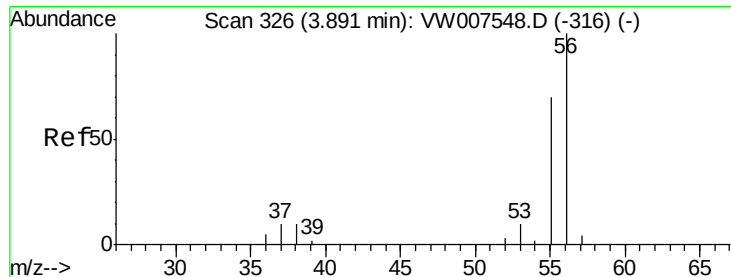
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#12
1,1-Dichloroethene
Concen: 49.811 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 96 Resp: 30894
Ion Ratio Lower Upper
96 100
61 151.7 126.2 189.2
98 56.9 48.3 72.5





#13

Acrolein

Concen: 257.905 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8221

Ion Ratio Lower Upper

56 100

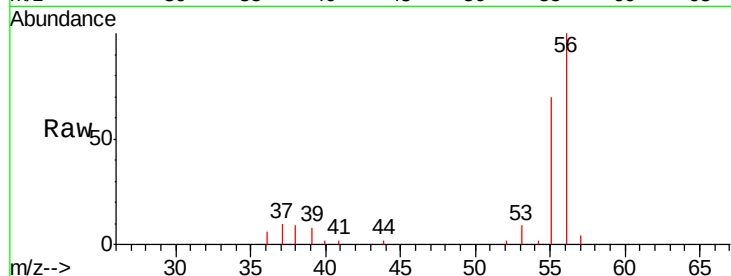
55 71.2 57.4 86.2

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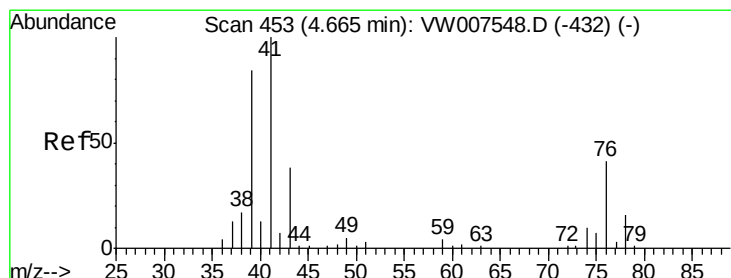
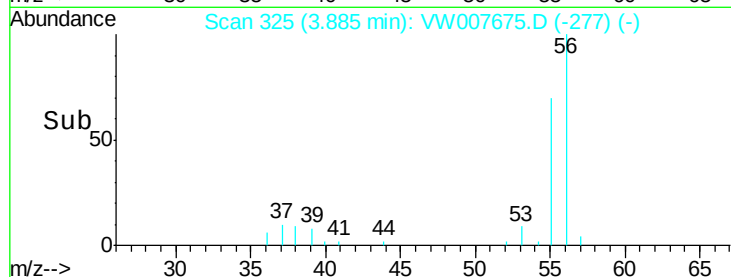
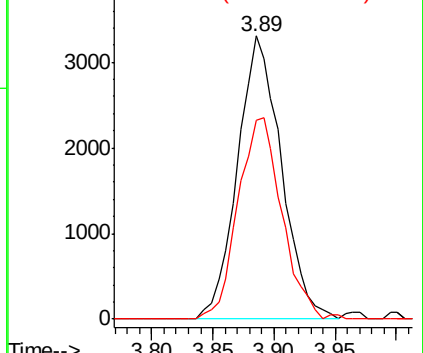
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 46.386 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

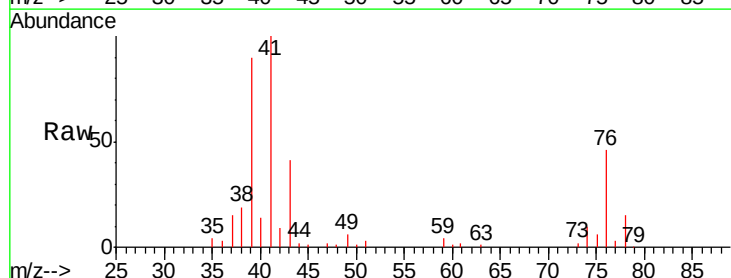
Tgt Ion: 41 Resp: 42407

Ion Ratio Lower Upper

41 100

39 83.6 63.4 95.2

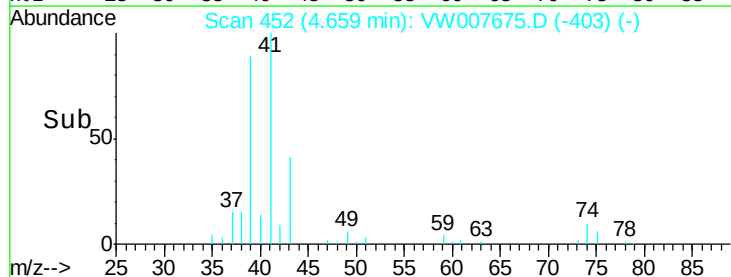
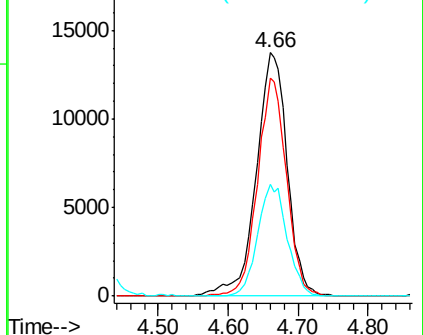
76 43.6 32.1 48.1

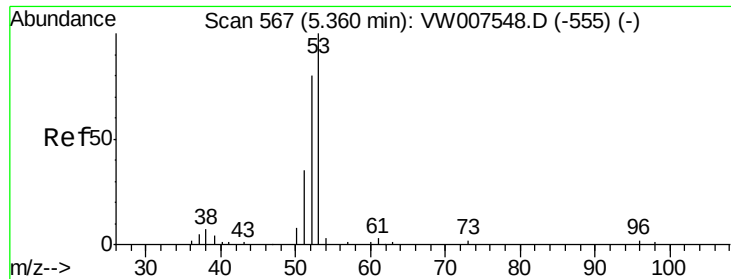


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 272.564 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

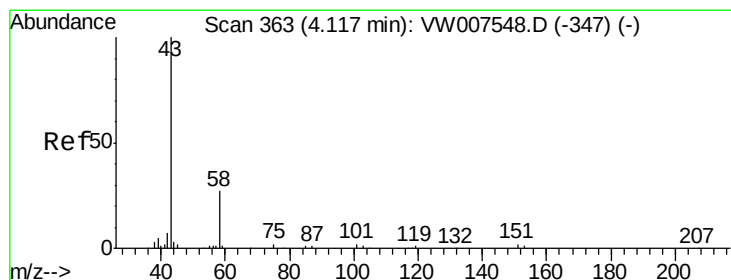
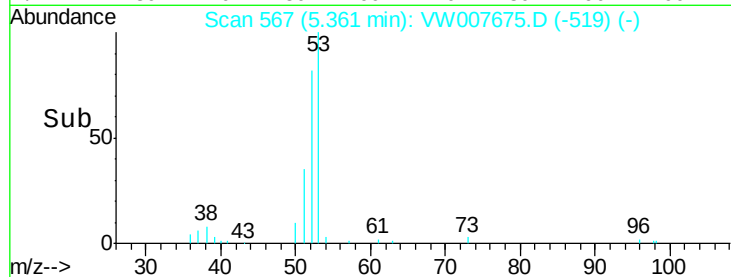
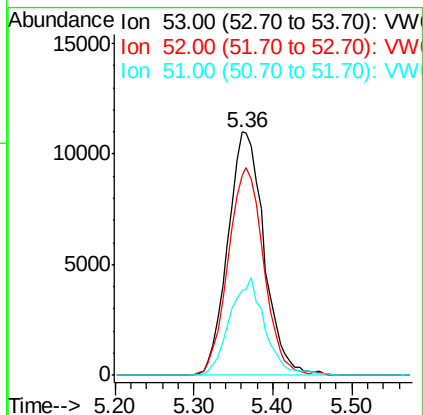
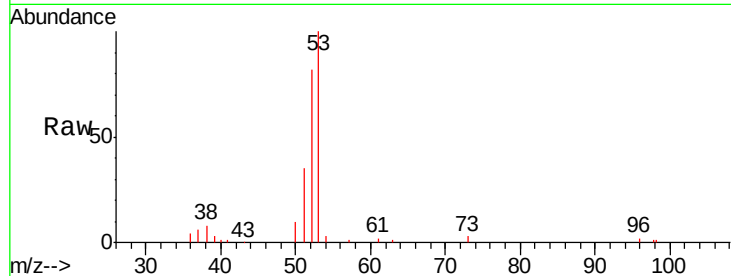
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	35109
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.2
51	38.8	30.2	45.2

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#16

Acetone

Concen: 282.413 ug/l

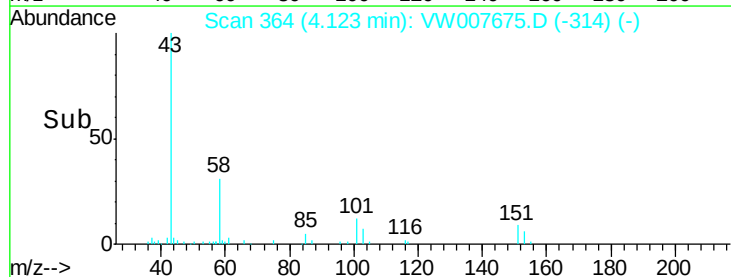
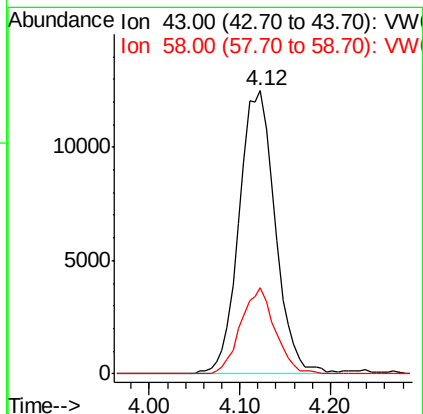
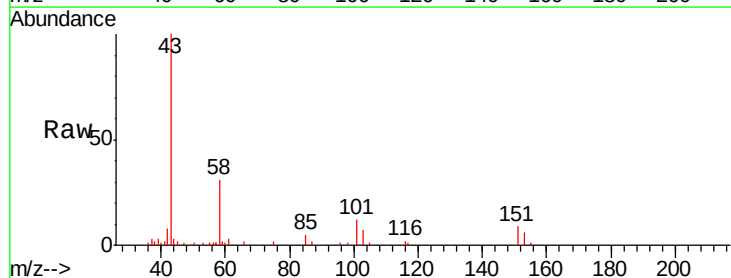
RT: 4.12 min Scan# 364

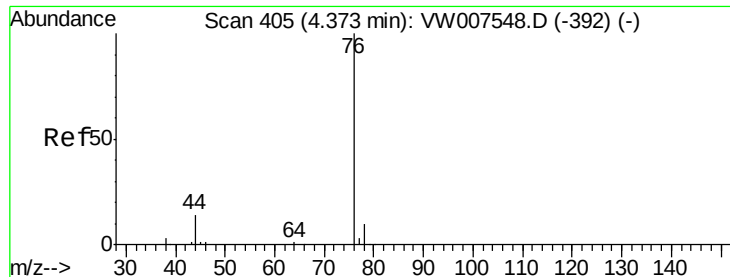
Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	43	Resp:	34601
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.9	37.3





#17

Carbon Disulfide

Concen: 45.561 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 85679

Ion Ratio Lower Upper

76 100

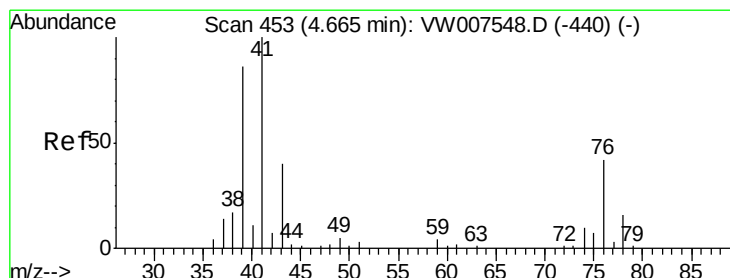
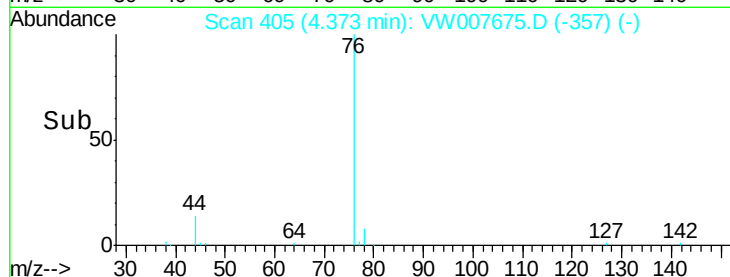
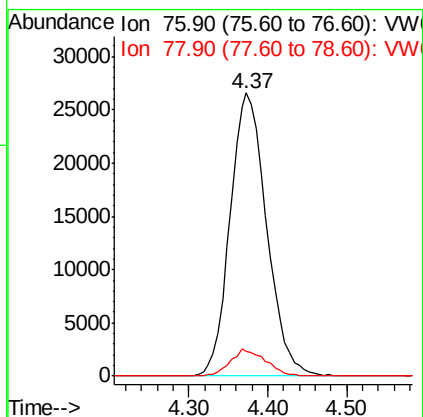
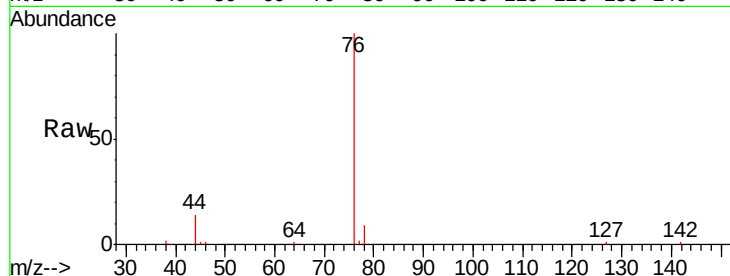
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 52.612 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007675.D

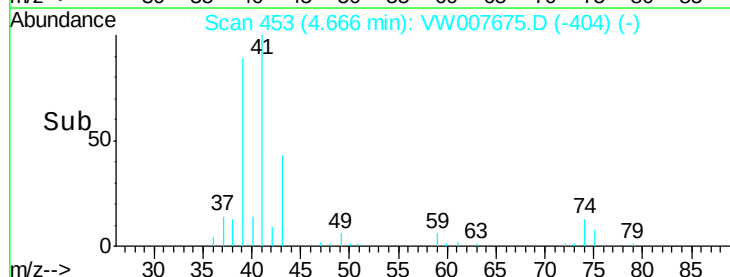
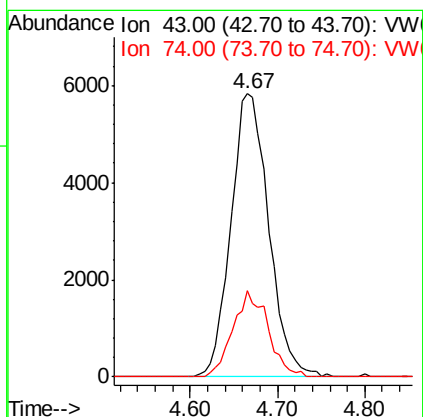
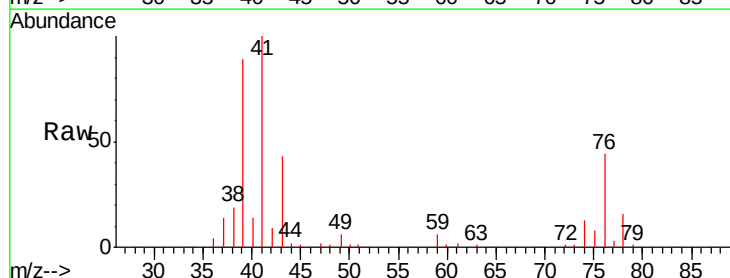
Acq: 19 Dec 2018 00:14

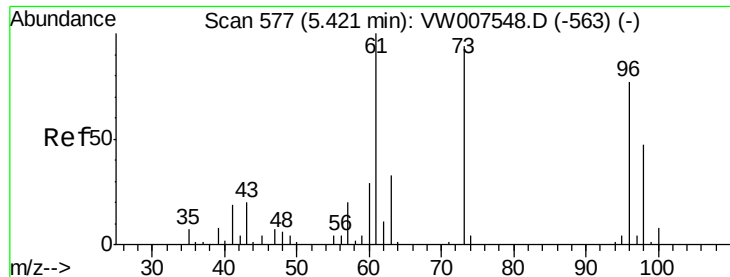
Tgt Ion: 43 Resp: 17495

Ion Ratio Lower Upper

43 100

74 28.0 21.1 31.7





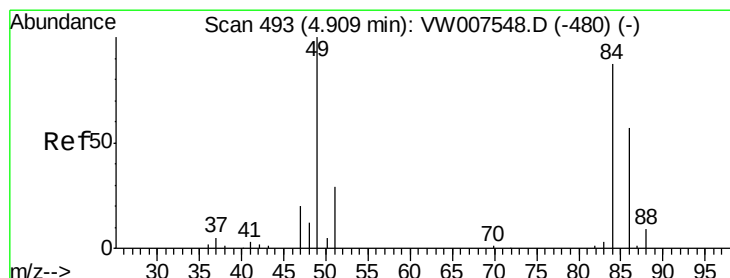
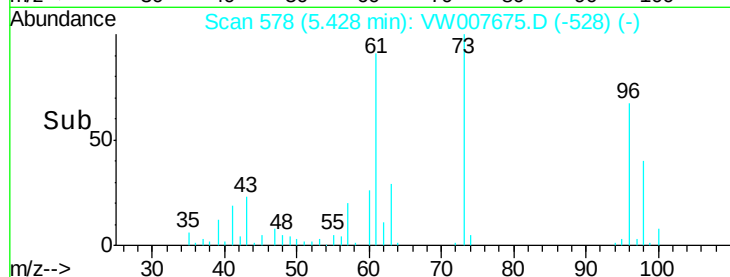
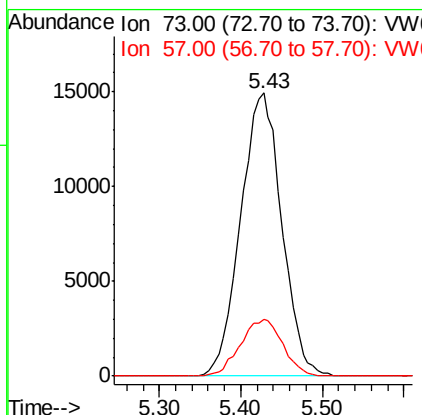
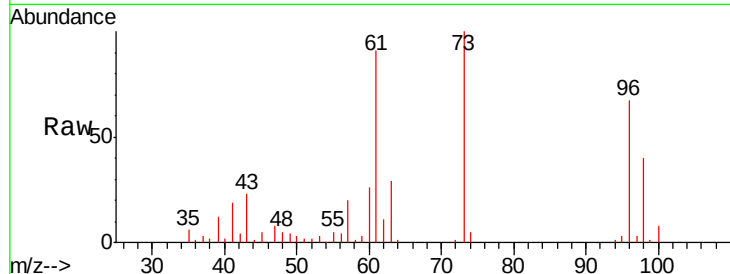
#19
Methyl tert-butyl Ether
Concen: 55.856 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 52261
Ion Ratio Lower Upper
73 100
57 20.0 16.4 24.6

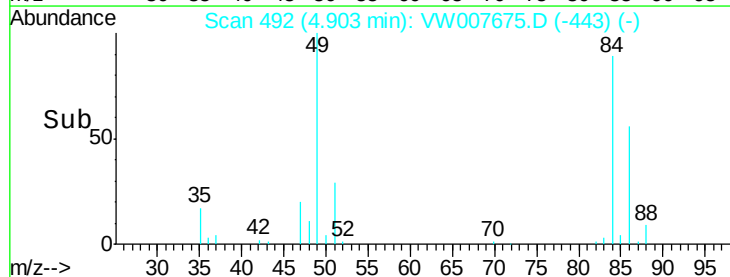
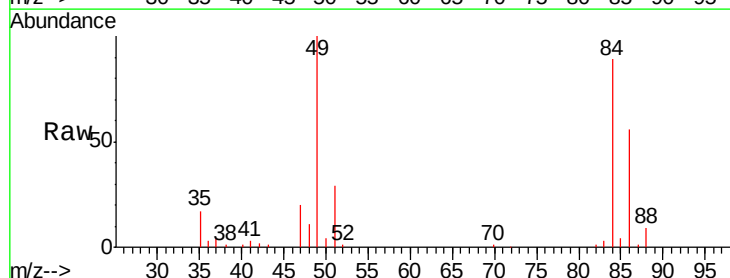
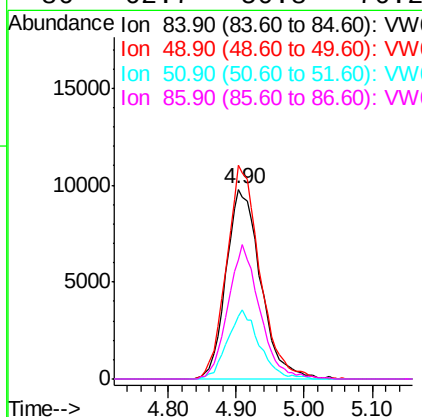
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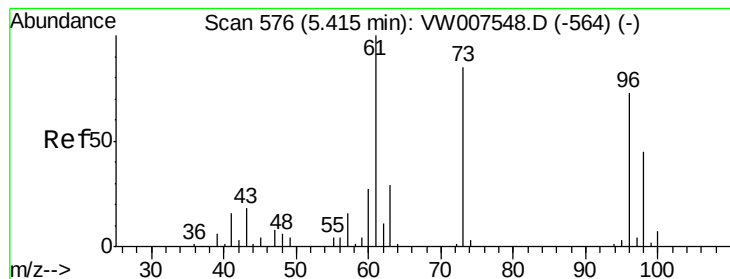
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#20
Methylene Chloride
Concen: 51.571 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 84 Resp: 34470
Ion Ratio Lower Upper
84 100
49 112.5 87.1 130.7
51 32.9 28.2 42.2
86 62.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.972 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

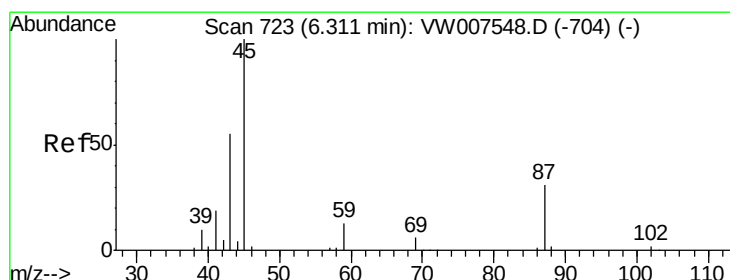
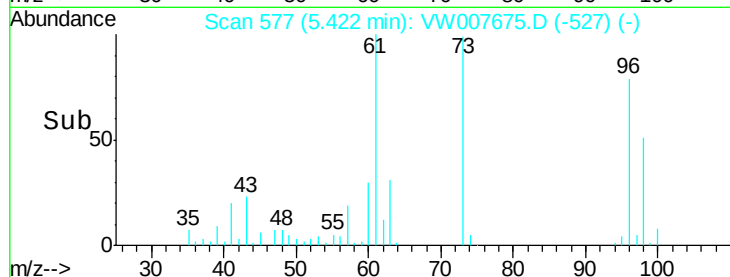
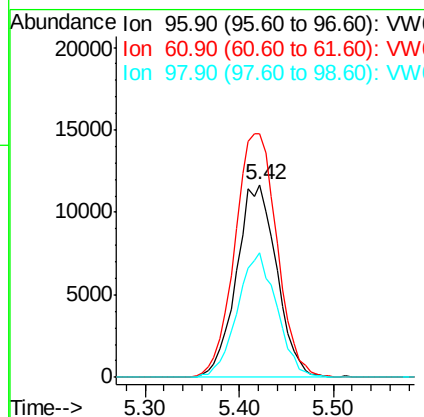
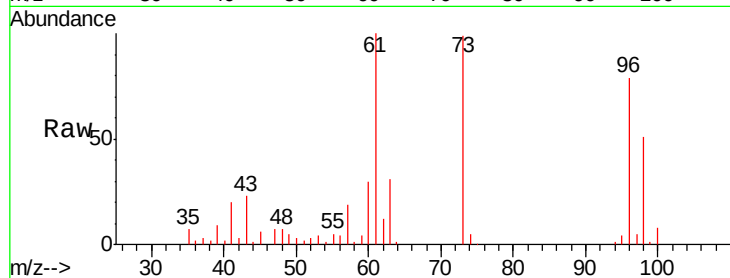
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	34671
Ion	Ratio	Lower	Upper
96	100		
61	126.4	105.0	157.6
98	64.5	49.7	74.5

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#22

Diisopropyl ether

Concen: 49.451 ug/l

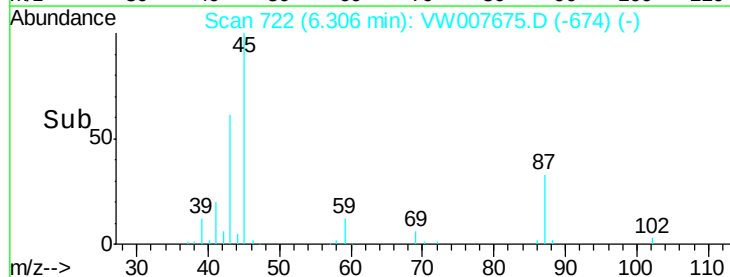
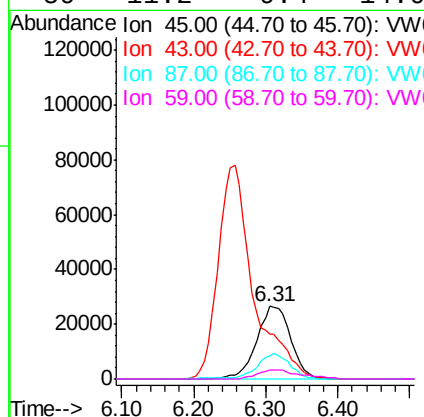
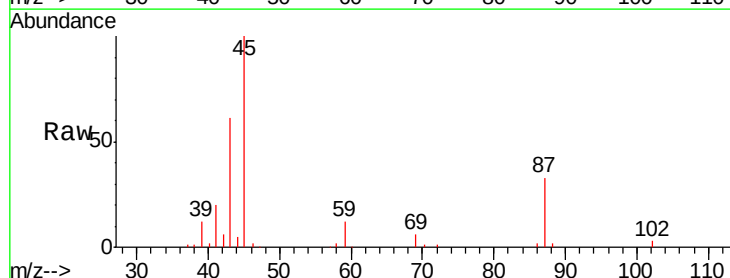
RT: 6.31 min Scan# 722

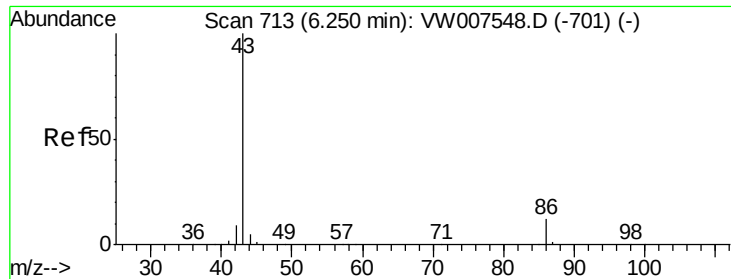
Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	45	Resp:	86897
Ion	Ratio	Lower	Upper
45	100		
43	60.5	41.6	62.4
87	32.5	24.3	36.5
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 269.660 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 265046

Ion Ratio Lower Upper

43 100

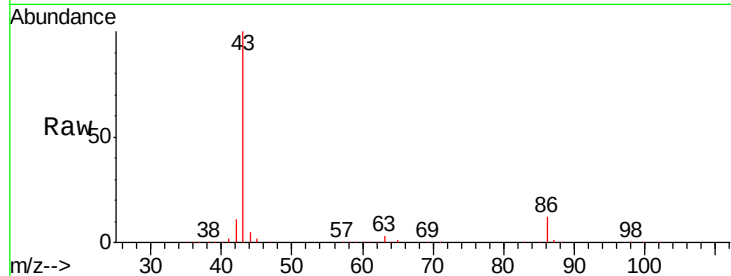
86 12.5 8.6 12.8

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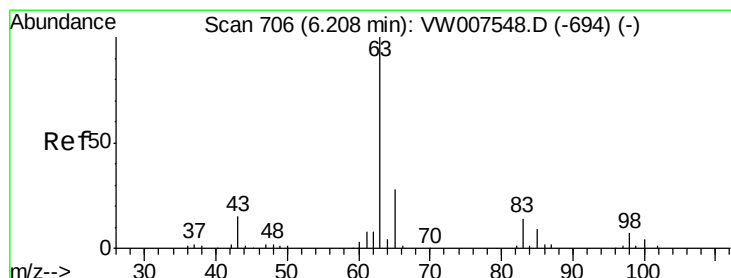
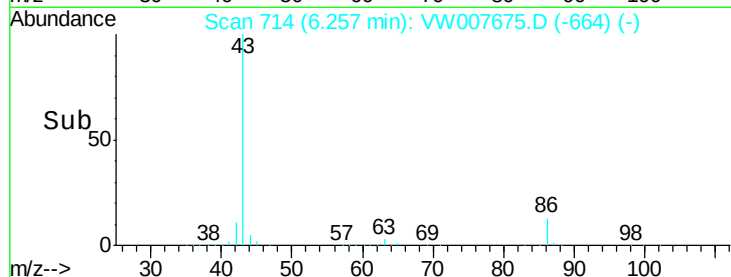
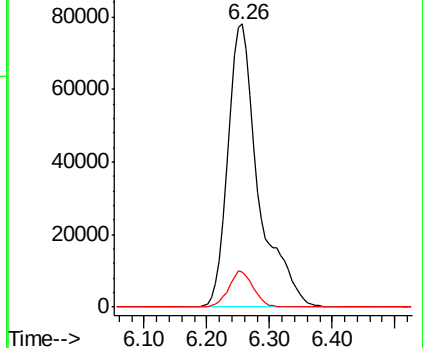
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.302 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

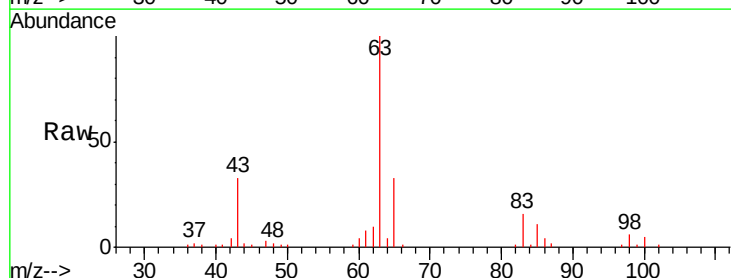
Tgt Ion: 63 Resp: 59742

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

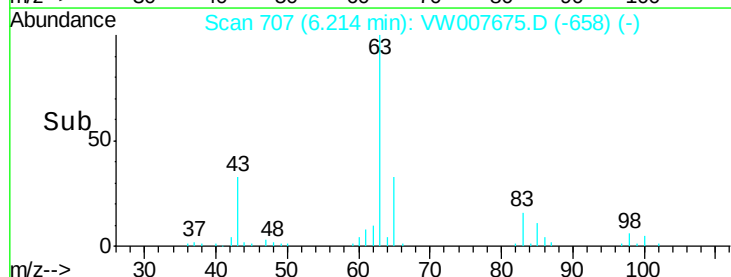
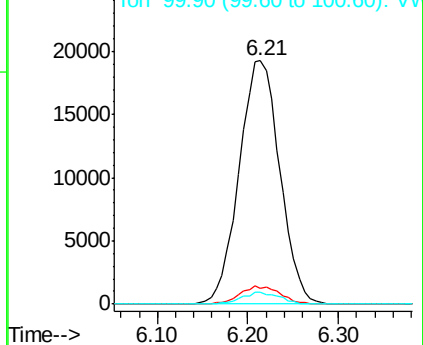
100 5.1 2.5 7.5

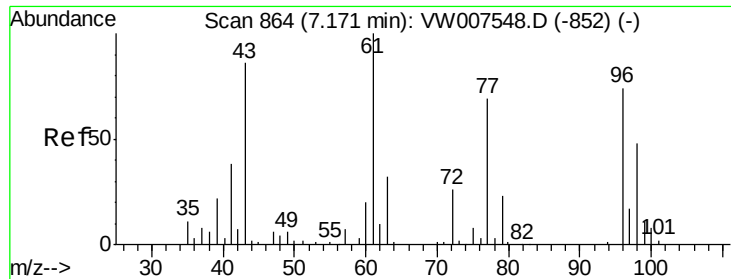


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 284.766 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 45548

Ion Ratio Lower Upper

43 100

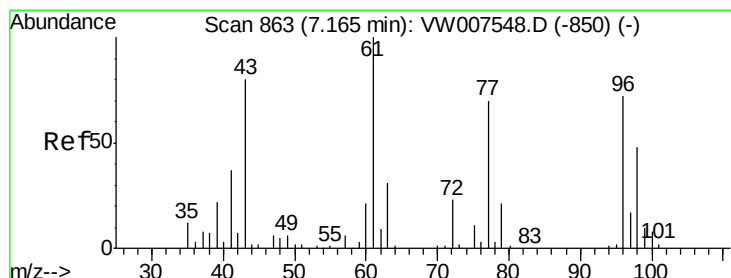
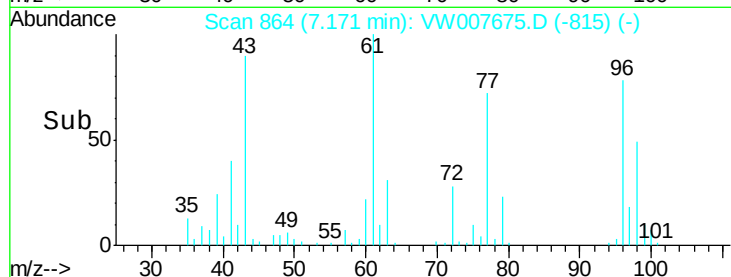
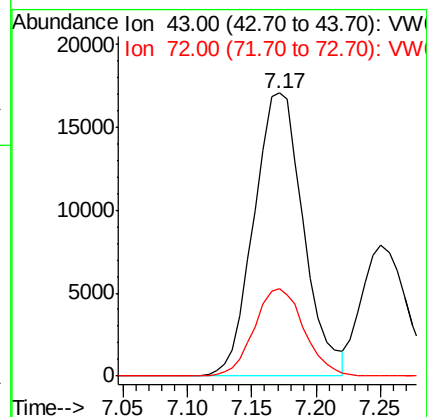
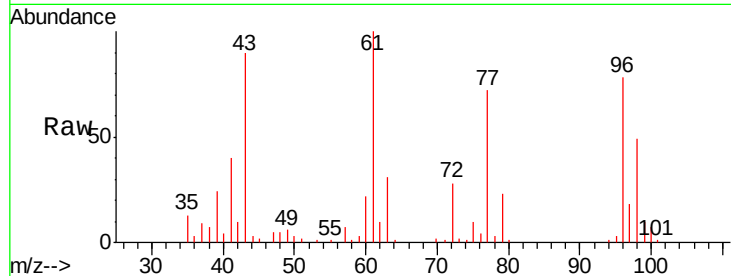
72 31.0 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 52.187 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007675.D

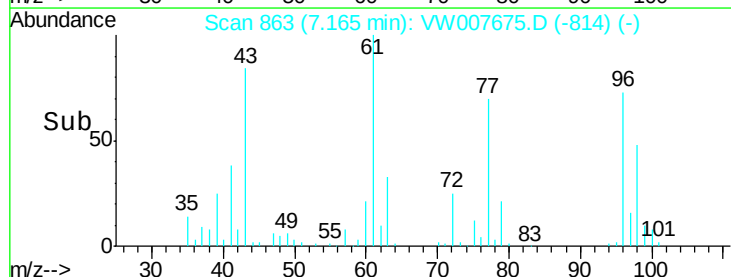
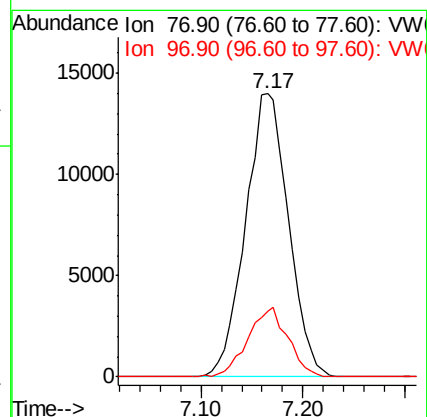
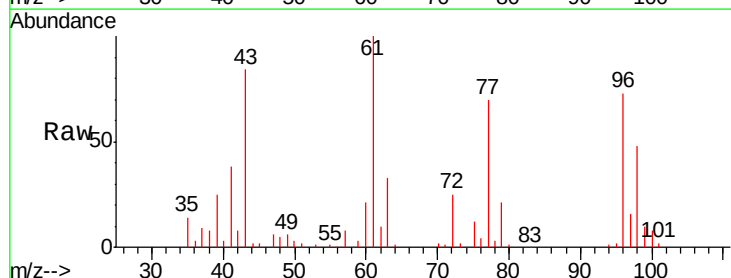
Acq: 19 Dec 2018 00:14

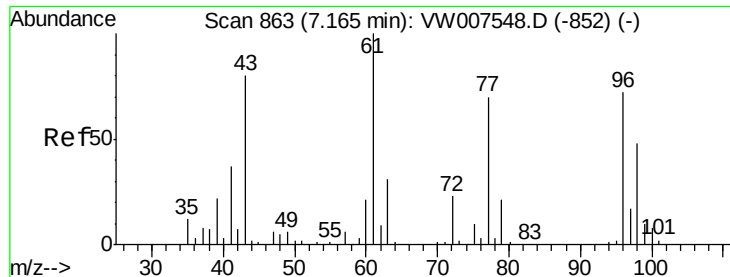
Tgt Ion: 77 Resp: 41020

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.8





#27

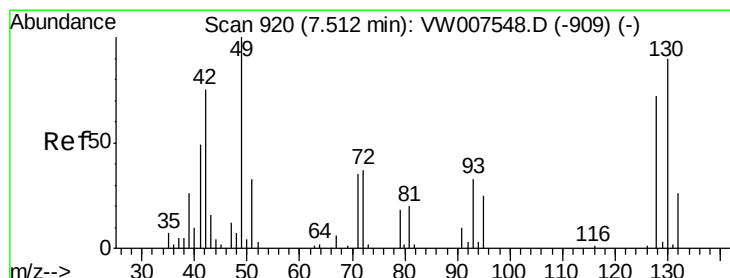
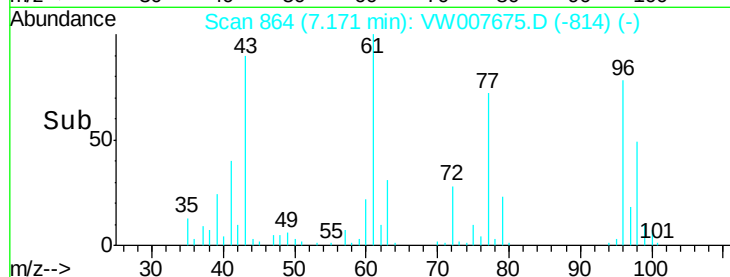
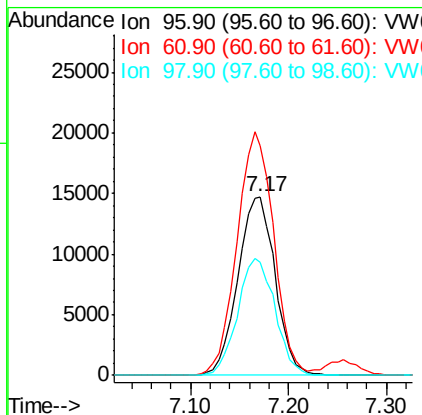
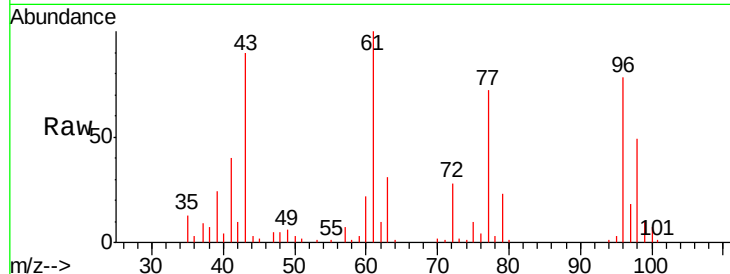
cis-1,2-Dichloroethene
Concen: 51.368 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 39024
Ion Ratio Lower Upper
96 100
61 134.7 0.0 268.4
98 65.6 0.0 127.8

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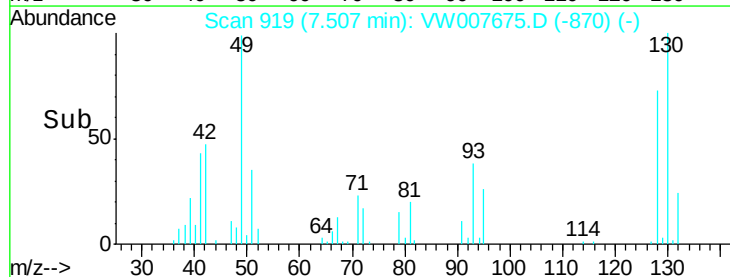
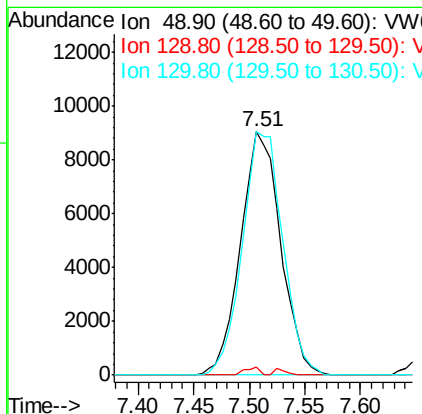
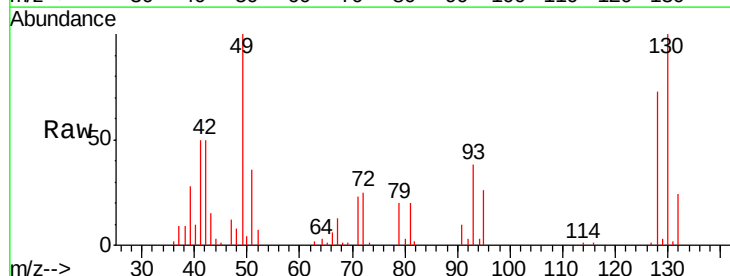
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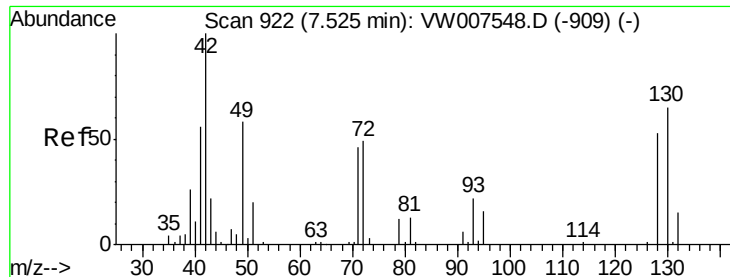


#28

Bromochloromethane
Concen: 50.762 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 49 Resp: 22677
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 100.6 75.9 113.9





#29

Tetrahydrofuran

Concen: 276.184 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

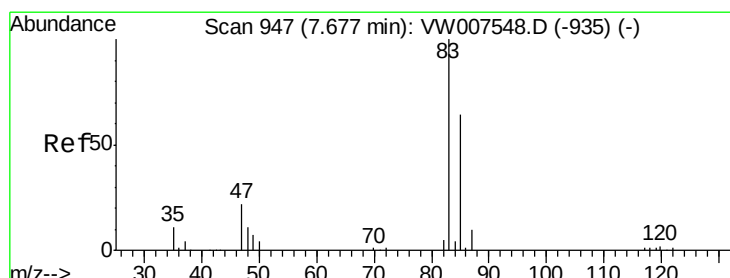
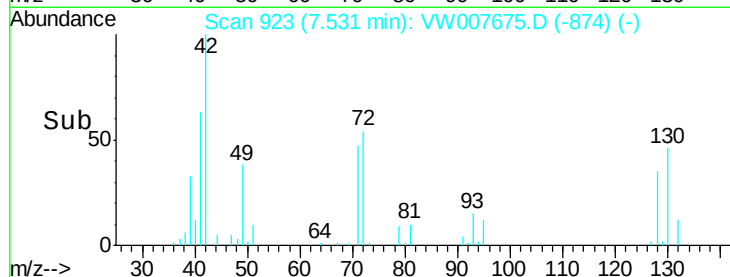
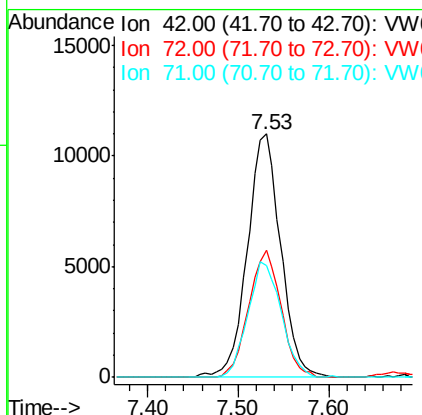
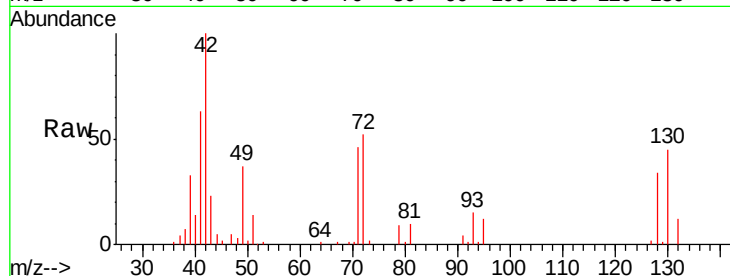
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	27966
Ion	Ratio	Lower	Upper
42	100		
72	50.4	38.2	57.4
71	47.5	35.5	53.3

Manual Integrations
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#30

Chloroform

Concen: 53.182 ug/l

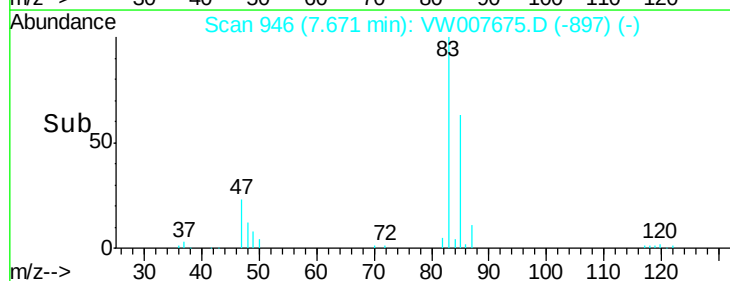
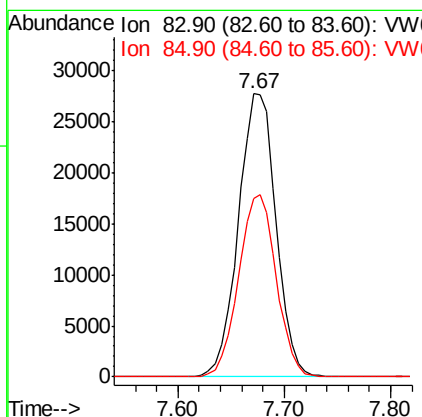
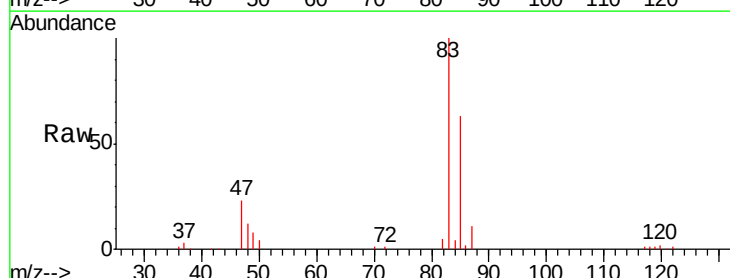
RT: 7.67 min Scan# 946

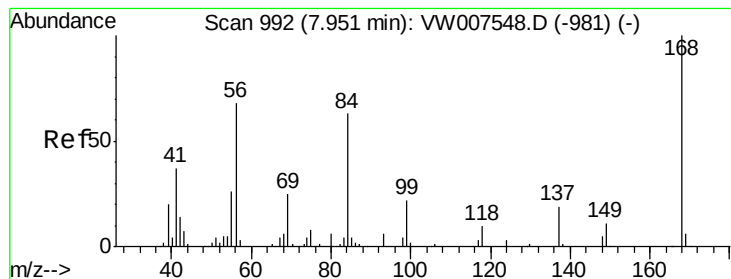
Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	83	Resp:	68735
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8





#31

Cyclohexane

Concen: 42.810 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 46648
Ion Ratio Lower Upper

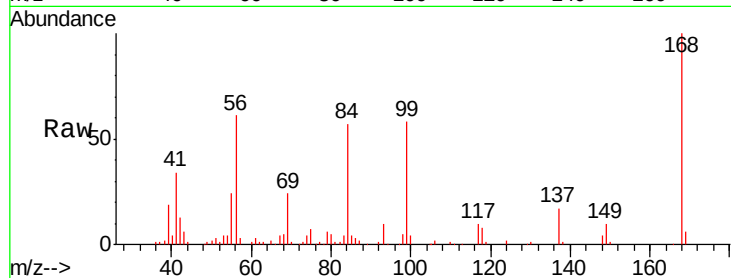
56 100

69 39.2 28.9 43.3

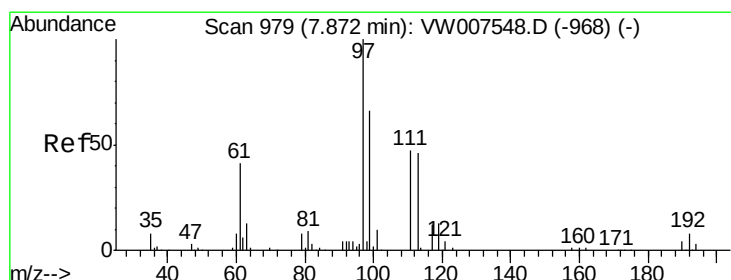
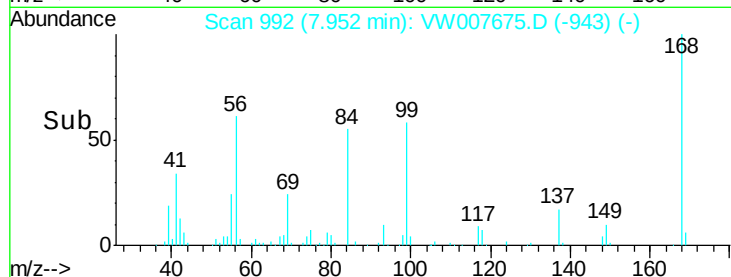
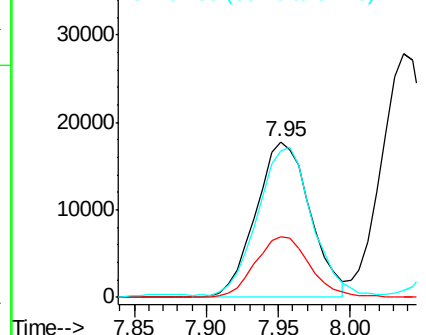
84 92.5 71.8 107.6

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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 54.210 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007675.D

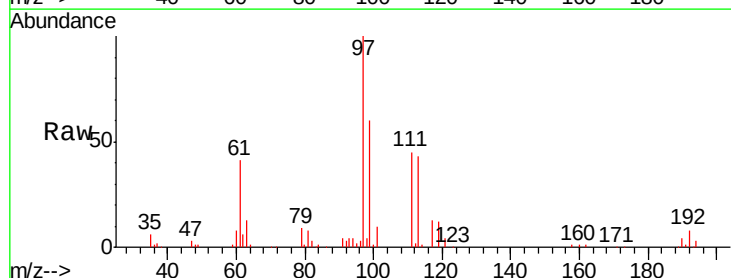
Acq: 19 Dec 2018 00:14

Tgt Ion: 97 Resp: 61442
Ion Ratio Lower Upper

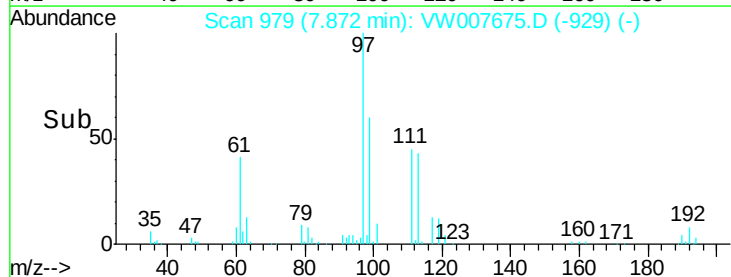
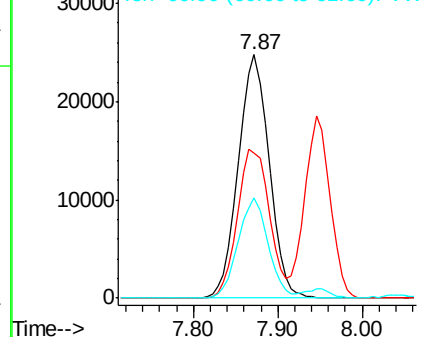
97 100

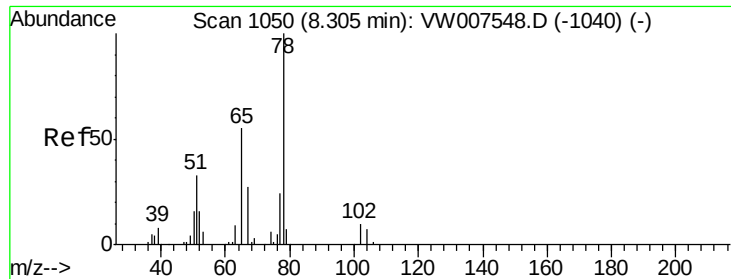
99 63.4 51.1 76.7

61 39.9 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





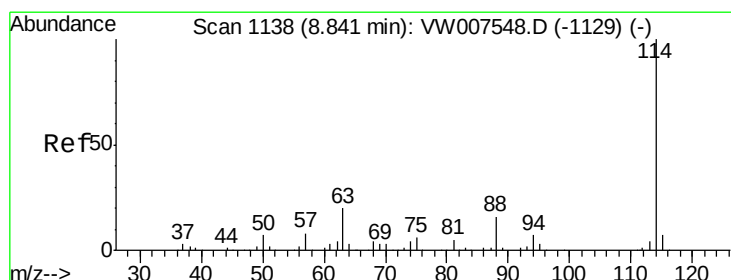
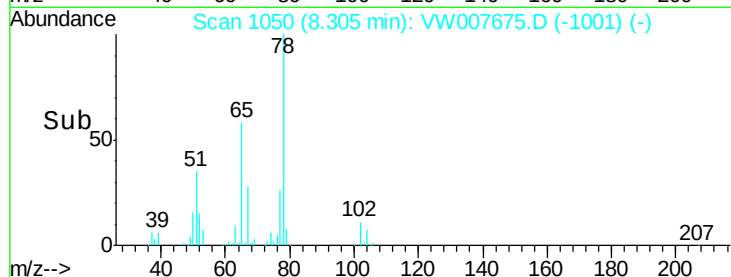
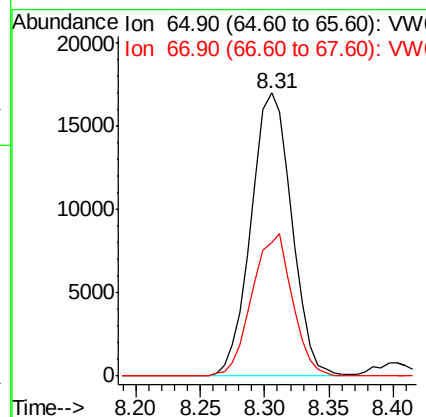
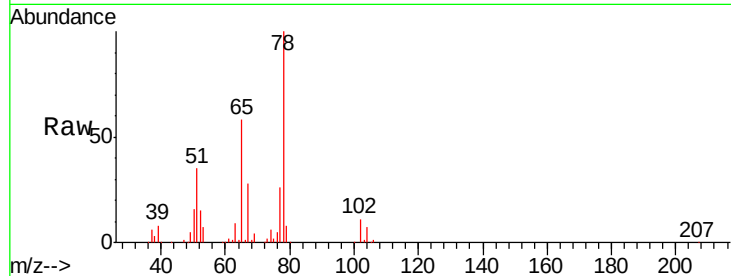
#33
 1,2-Dichloroethane-d4
 Concen: 52.915 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	37116		
67	49.6	0.0	101.6	

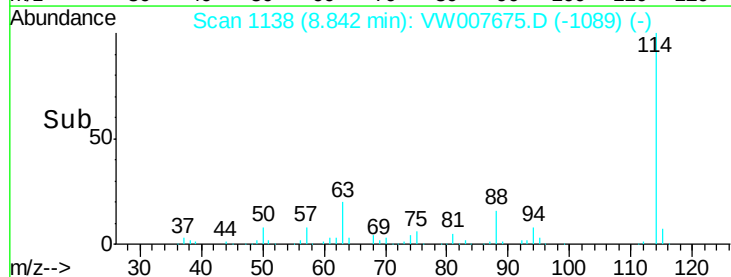
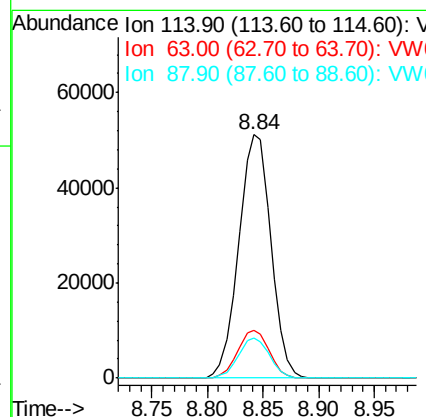
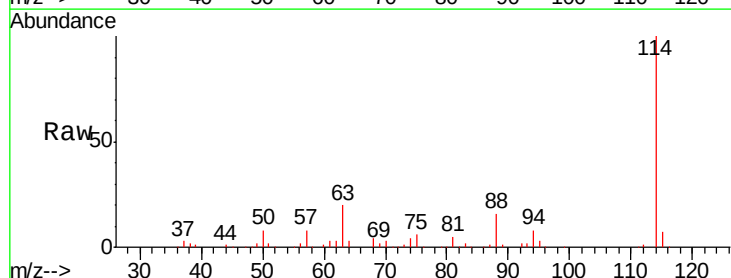
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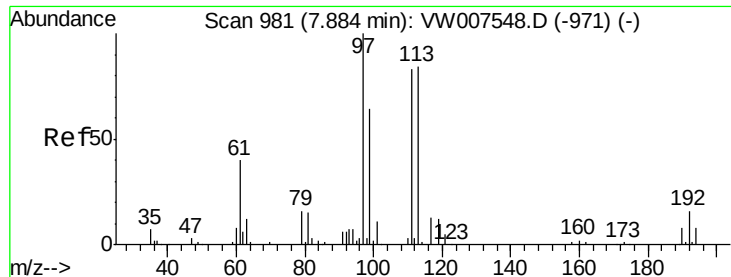
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	102302		
63	19.8	0.0	39.6	
88	16.3	0.0	31.4	





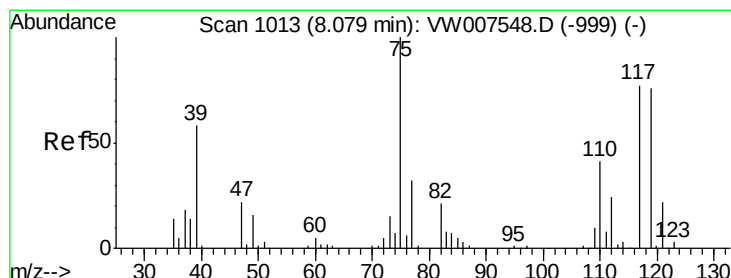
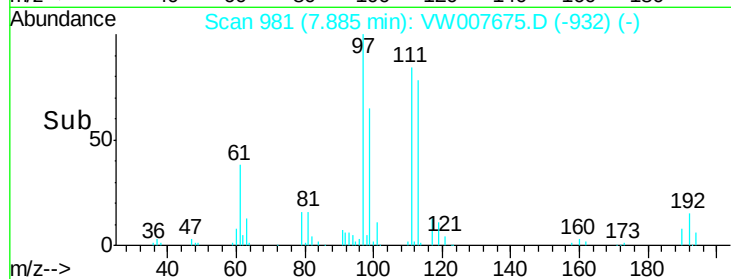
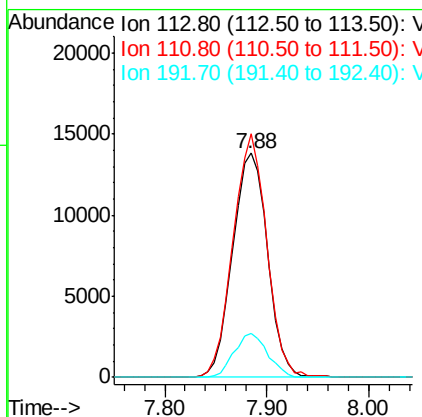
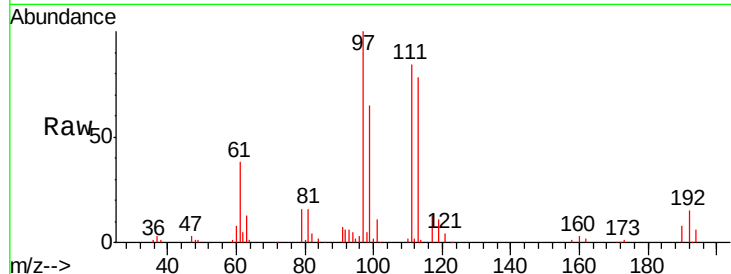
#35
 Dibromofluoromethane
 Concen: 53.125 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	32899		
111	104.4	81.1	121.7	
192	19.0	14.6	21.8	

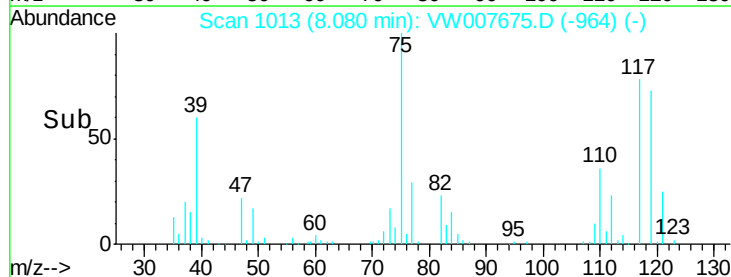
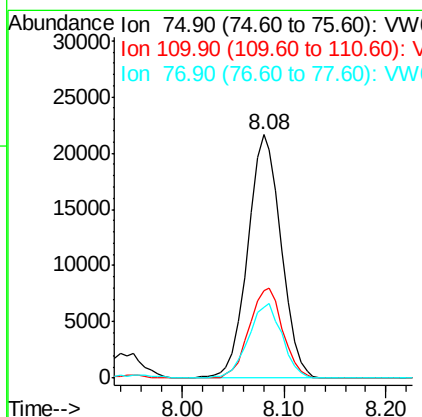
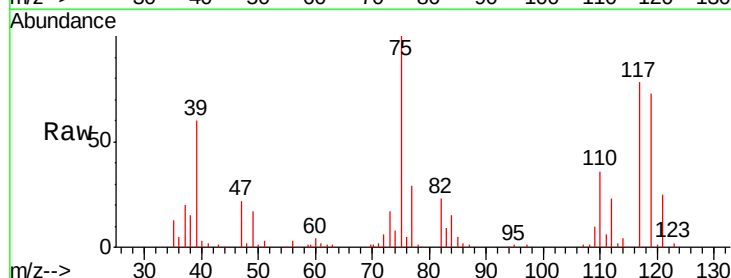
Manual Integrations
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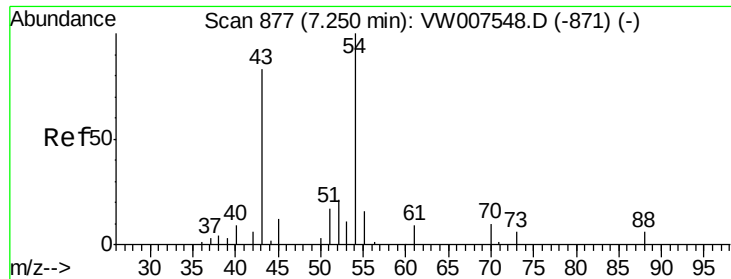
apatel
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#36
 1,1-Dichloropropene
 Concen: 52.726 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49206		
110	37.1	18.5	55.5	
77	31.1	25.6	38.4	





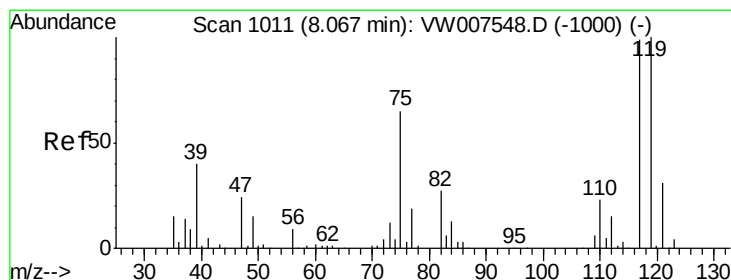
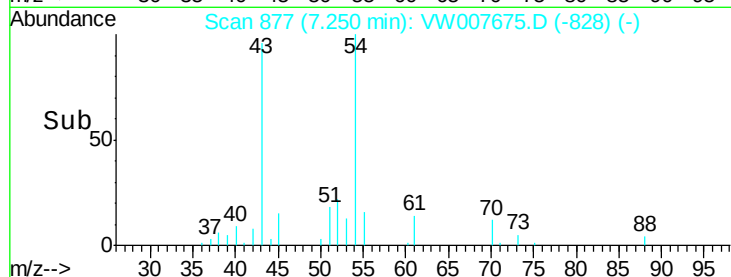
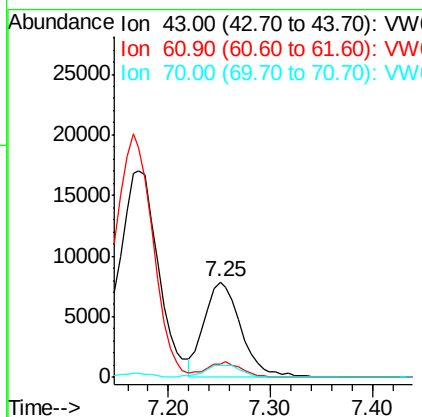
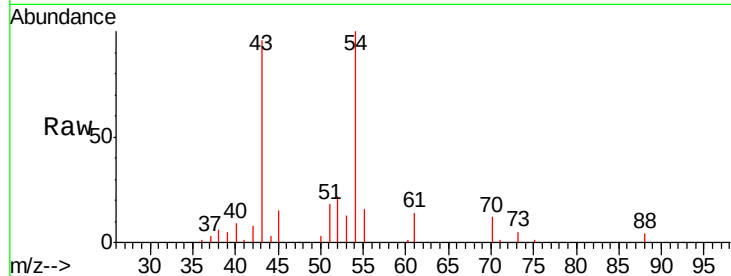
#37
Ethyl Acetate
Concen: 57.260 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19875
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 12.7 10.0 15.0

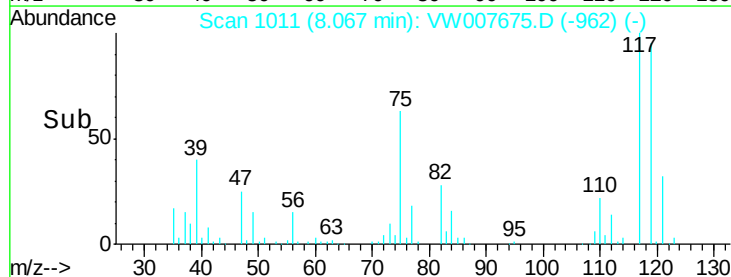
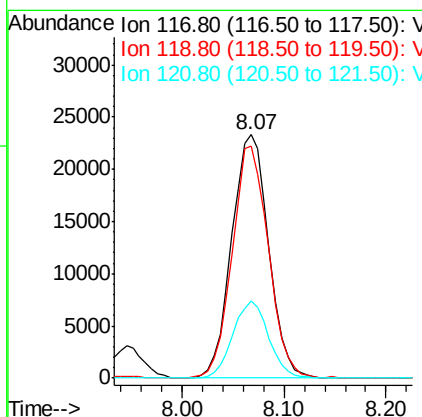
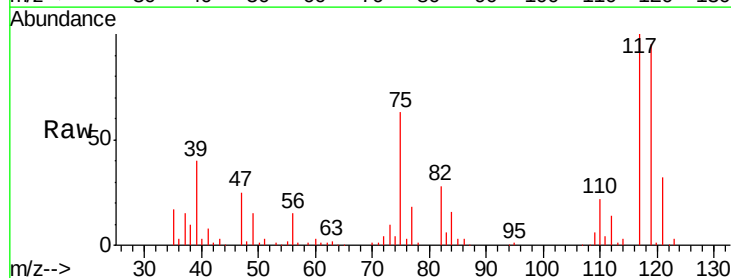
Manual Integrations
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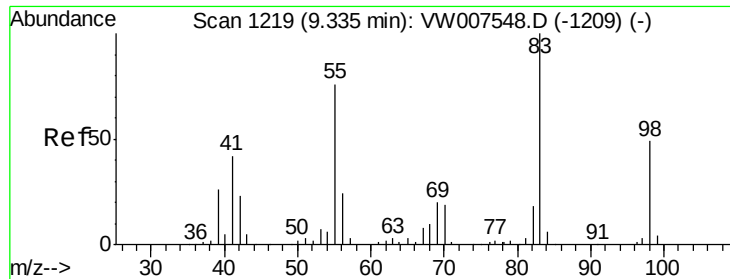
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#38
Carbon Tetrachloride
Concen: 57.545 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 117 Resp: 58433
Ion Ratio Lower Upper
117 100
119 95.2 74.3 111.5
121 31.9 24.3 36.5





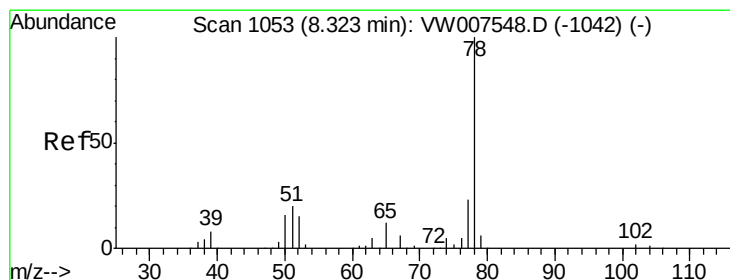
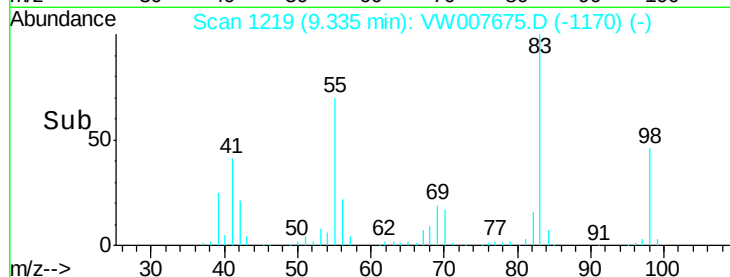
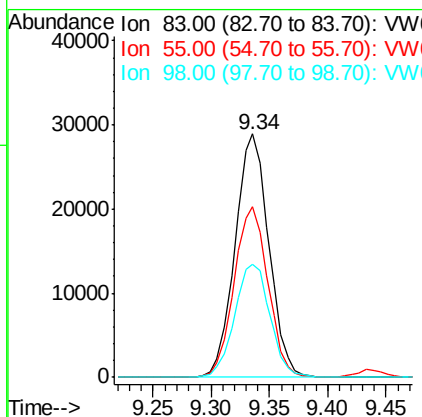
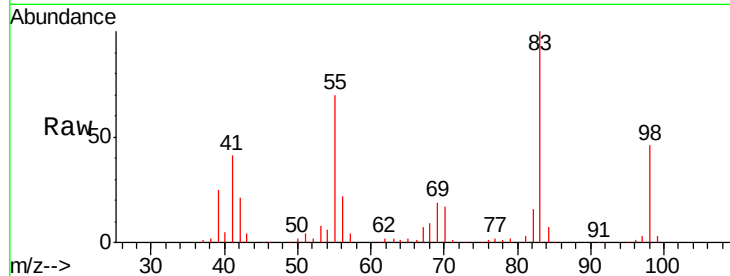
#39
Methylcyclohexane
Concen: 51.757 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	62.8	94.2
98	46.5	42.2	63.2

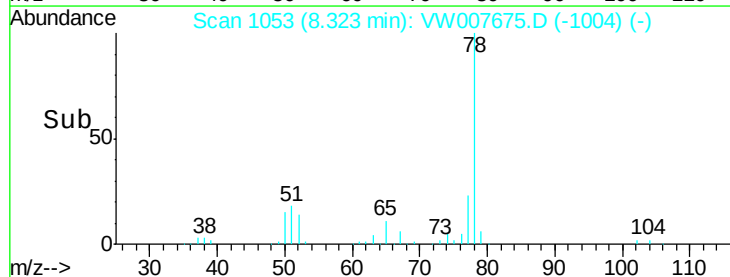
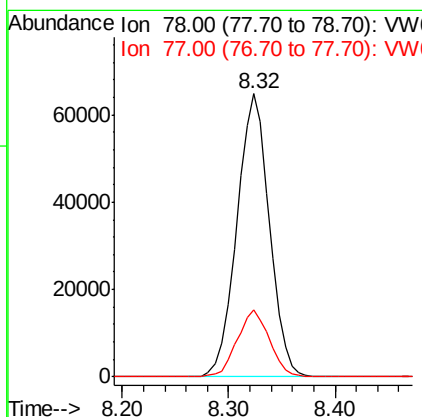
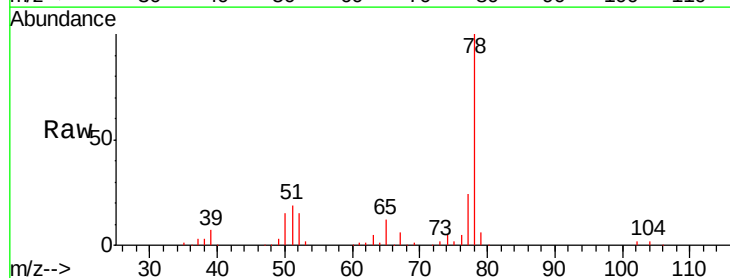
Manual Integrations
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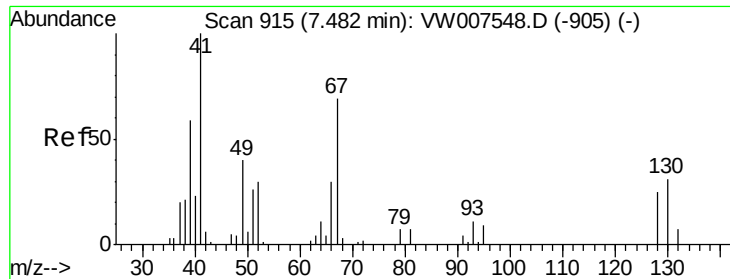
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#40
Benzene
Concen: 53.429 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





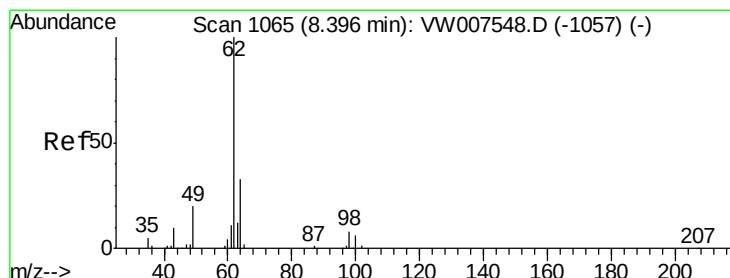
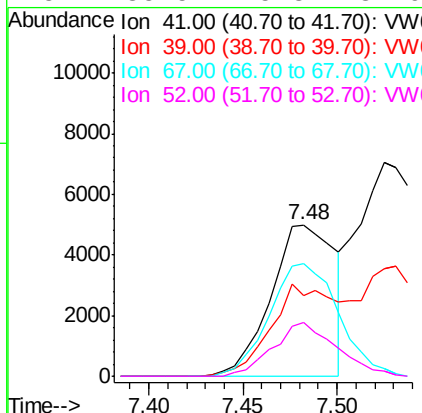
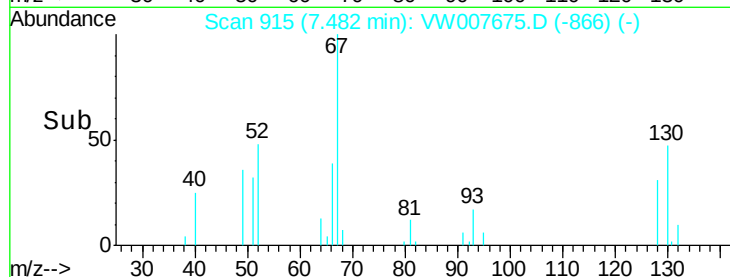
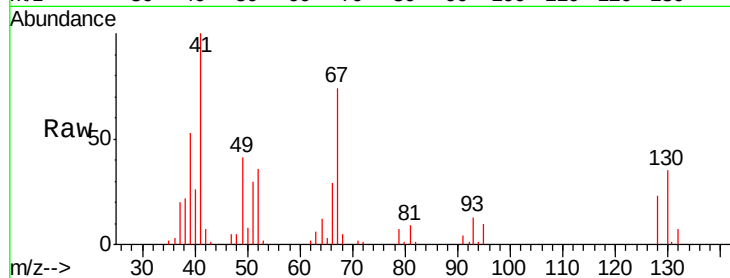
#41
Methacrylonitrile
Concen: 59.375 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	11736
Ion	Ratio	Lower	Upper
41	100		
39	59.3	52.2	78.2
67	80.4	60.5	90.7
52	35.5	25.3	37.9

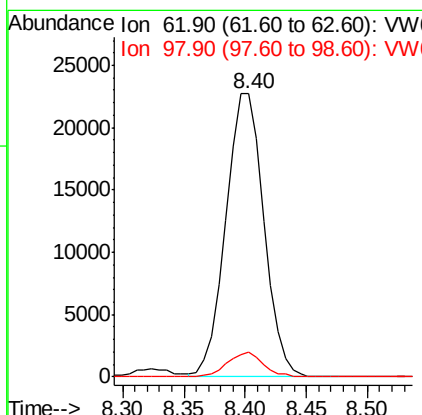
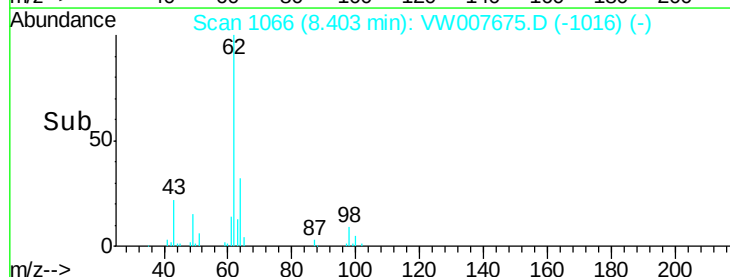
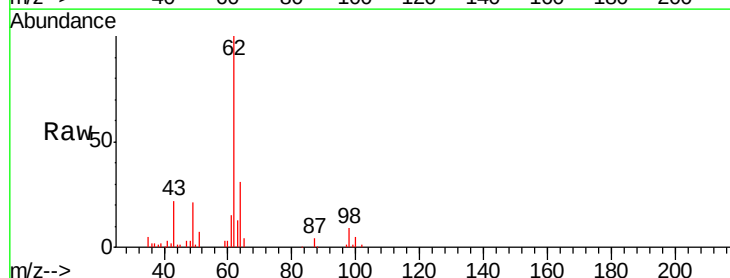
Manual Integrations
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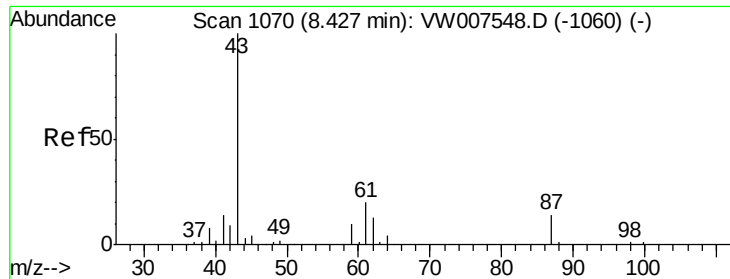
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#42
1,2-Dichloroethane
Concen: 60.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:	62	Resp:	48981
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 59.835 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

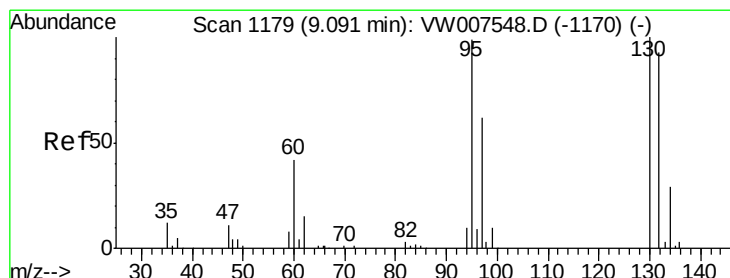
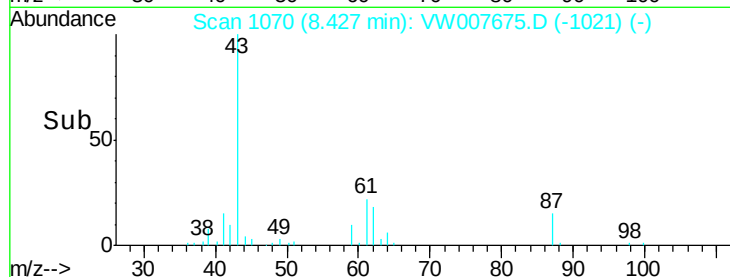
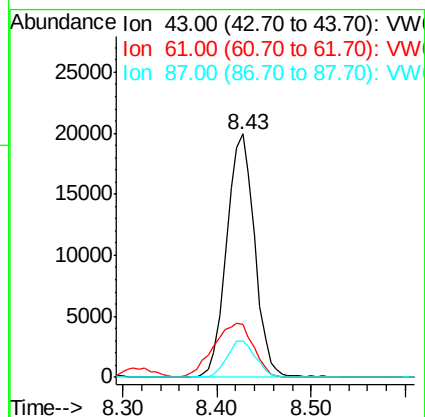
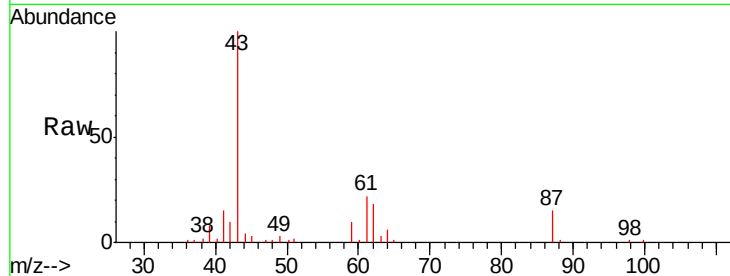
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	41025
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.3	37.9
87	15.3	11.8	17.8

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#44

Trichloroethene

Concen: 54.805 ug/l

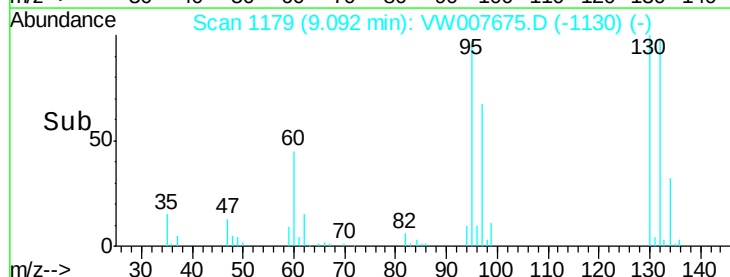
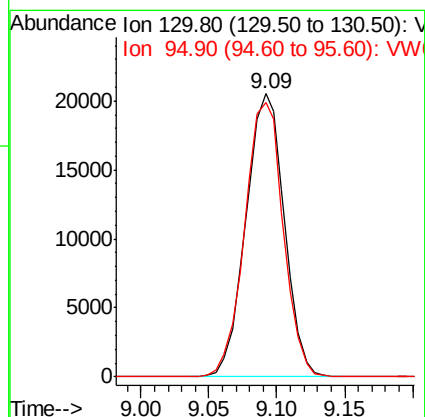
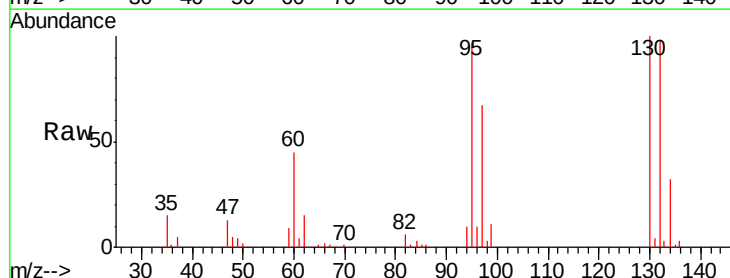
RT: 9.09 min Scan# 1179

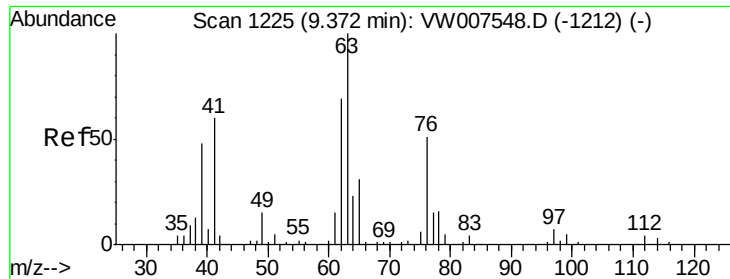
Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	130	Resp:	40532
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	193.2





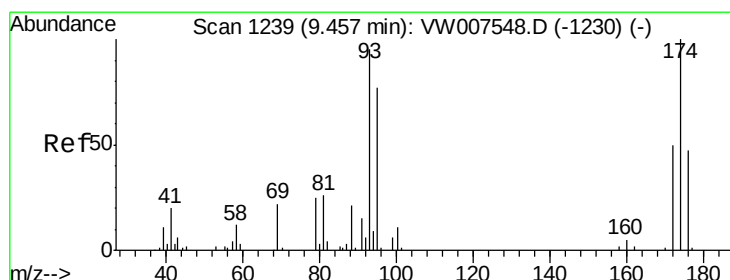
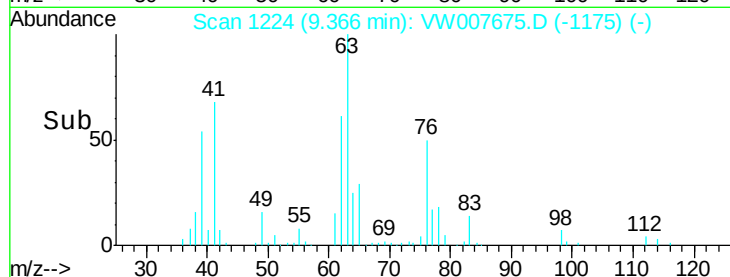
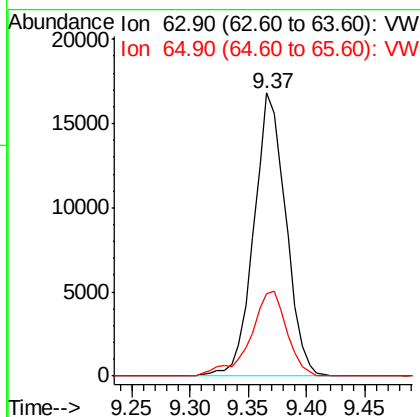
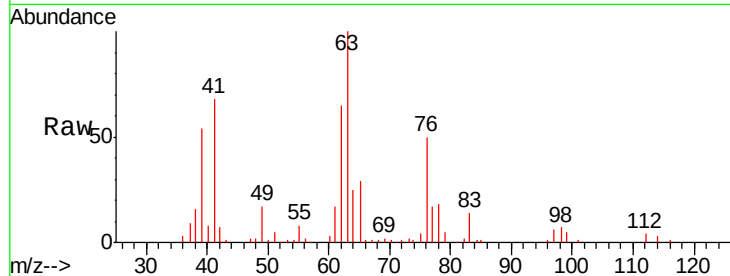
#45
 1,2-Dichloropropane
 Concen: 53.848 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 32273
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6

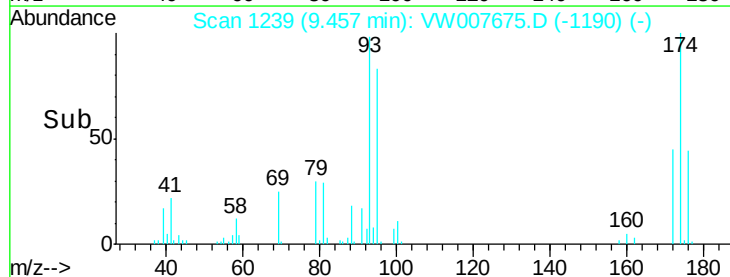
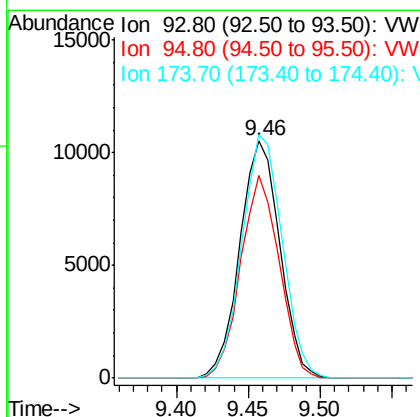
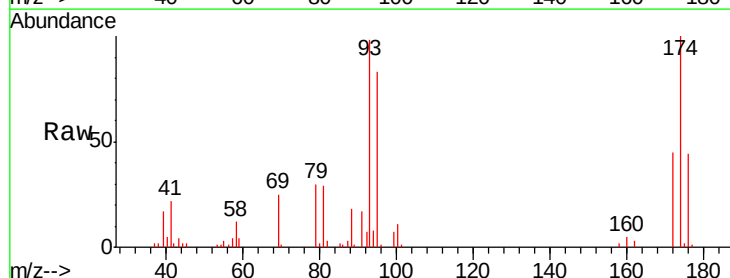
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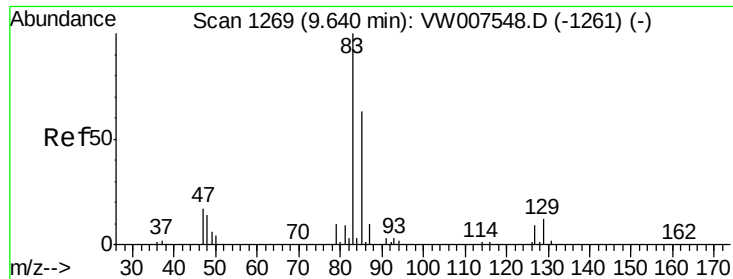
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#46
 Dibromomethane
 Concen: 59.533 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 93 Resp: 20262
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.0 102.0
 174 103.4 83.2 124.8





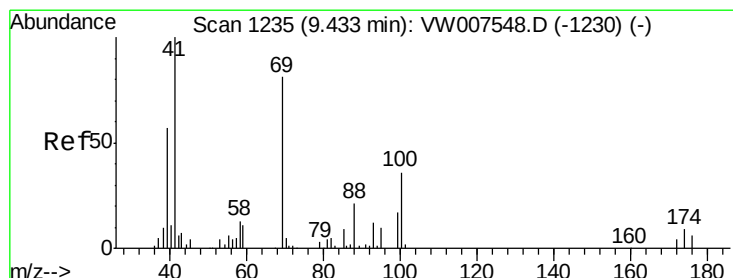
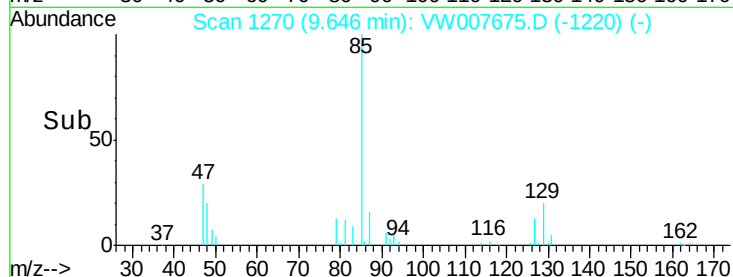
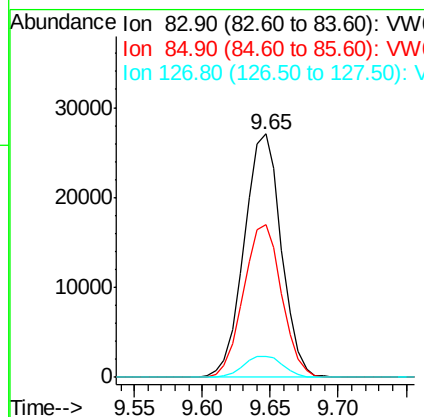
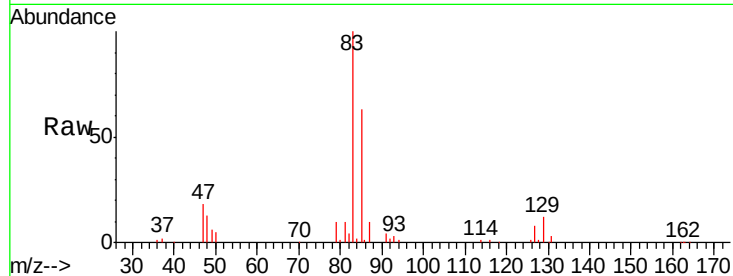
#47
 Bromodichloromethane
 Concen: 57.874 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	51667		
85	62.9	47.6	71.4	
127	8.4	6.7	10.1	

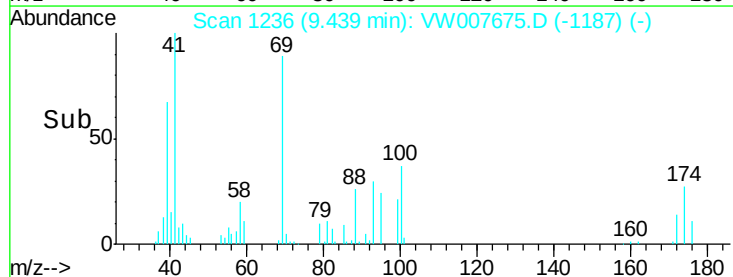
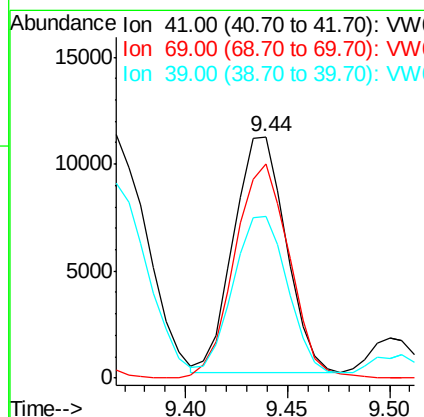
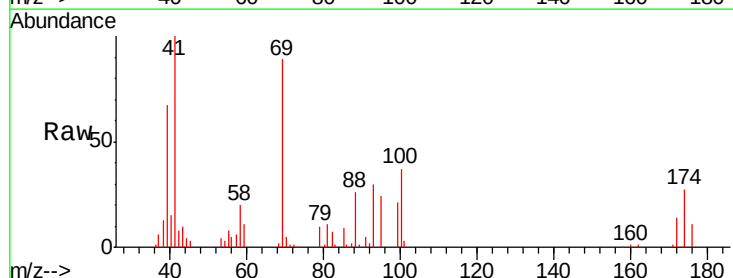
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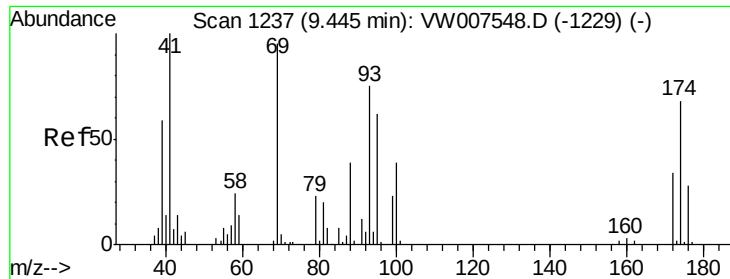
apatel
 12/19/2018 12:15:39 PM



#48
 Methyl methacrylate
 Concen: 56.085 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	19749		
69	94.7	69.8	104.8	
39	73.3	50.9	76.3	





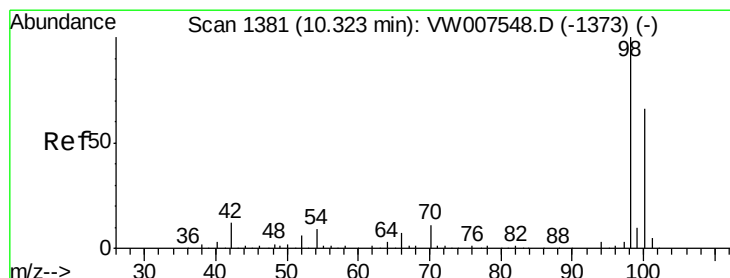
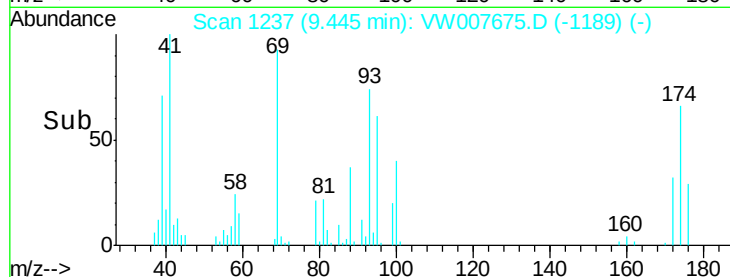
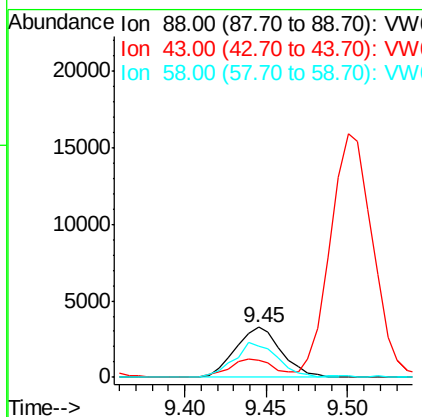
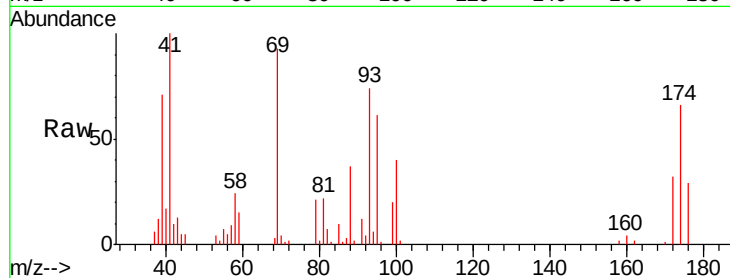
#49
1,4-Dioxane
Concen: 1163.438 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 6425
Ion Ratio Lower Upper
88 100
43 37.4 25.0 37.4#
58 66.6 51.4 77.2

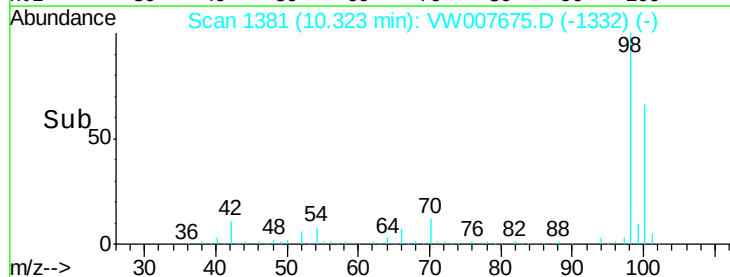
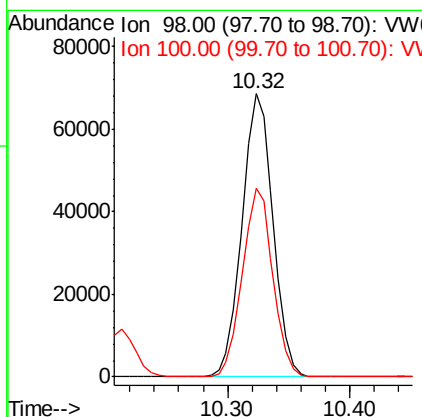
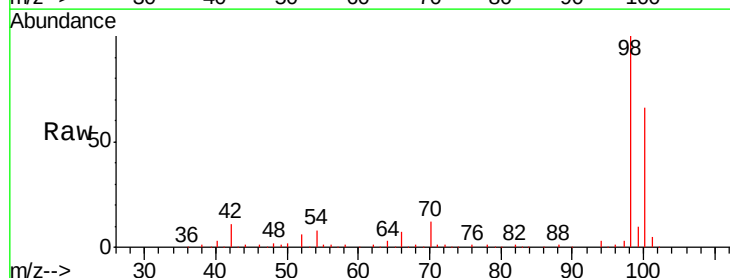
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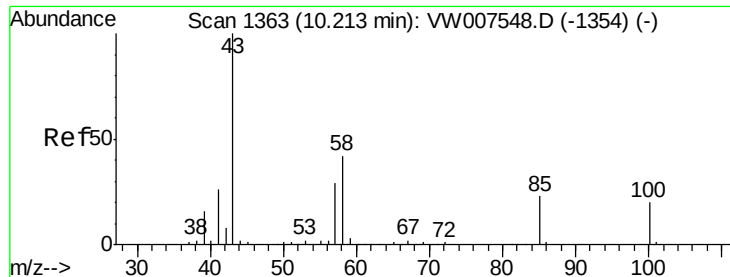
apatel
12/19/2018 12:15:39 PM



#50
Toluene-d8
Concen: 51.790 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 98 Resp: 120254
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8





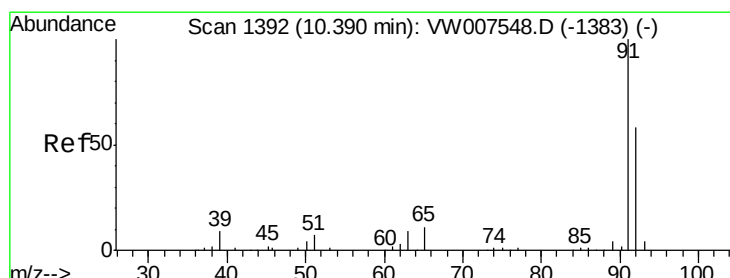
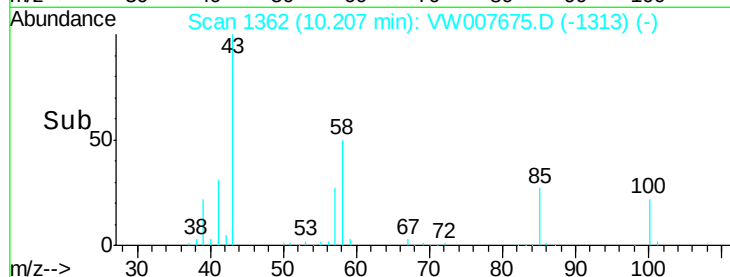
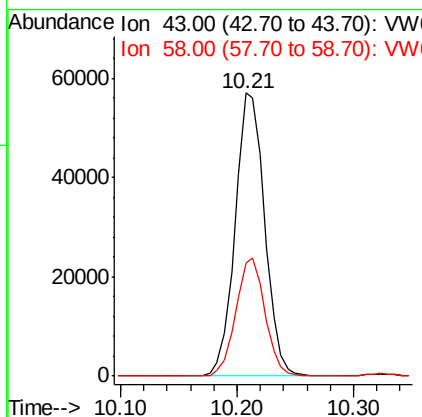
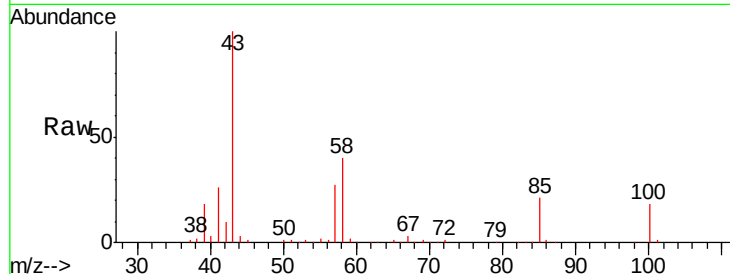
#51
4-Methyl-2-Pentanone
Concen: 310.848 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 100703
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7

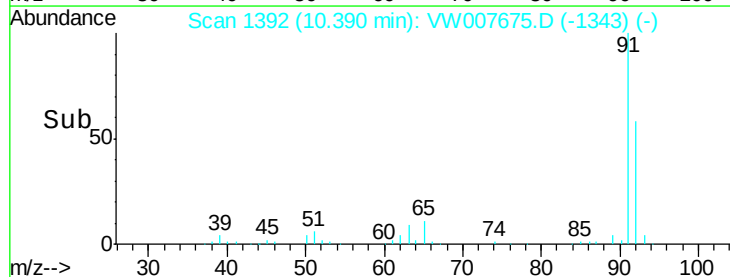
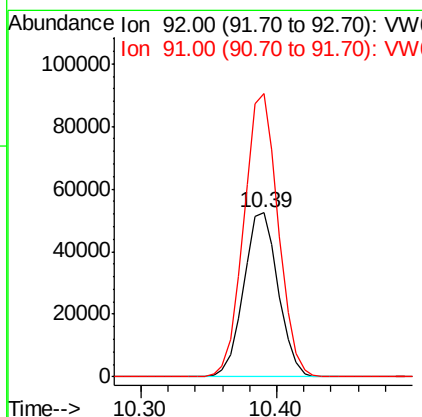
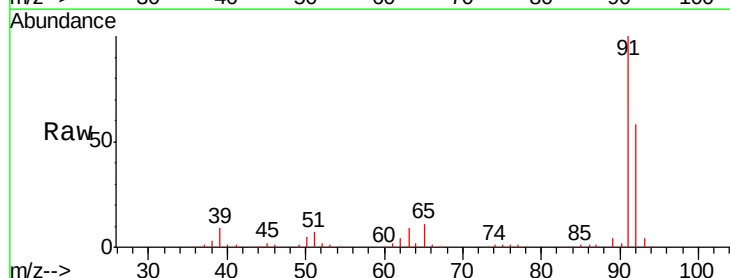
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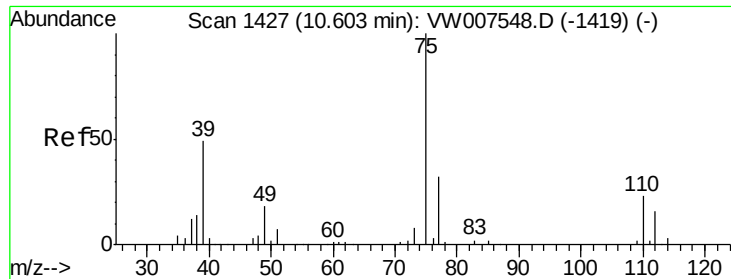
apatel
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#52
Toluene
Concen: 55.547 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 92 Resp: 93099
Ion Ratio Lower Upper
92 100
91 171.2 136.2 204.2





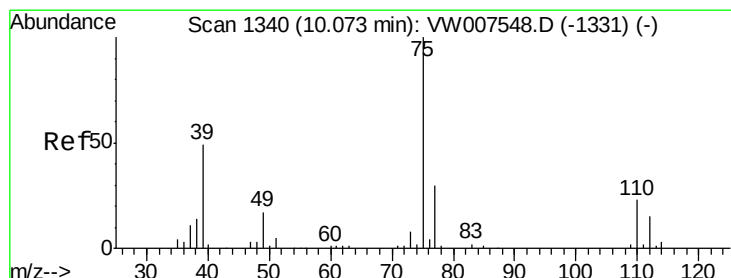
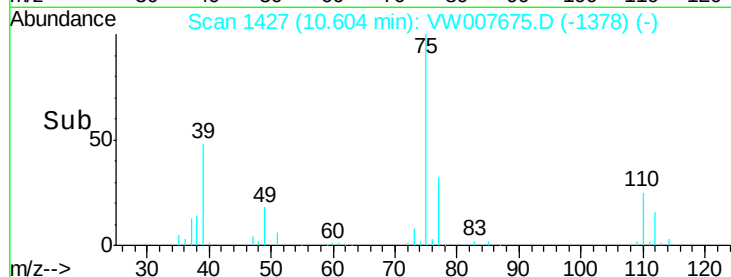
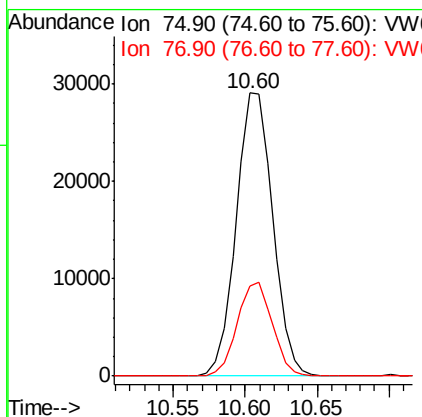
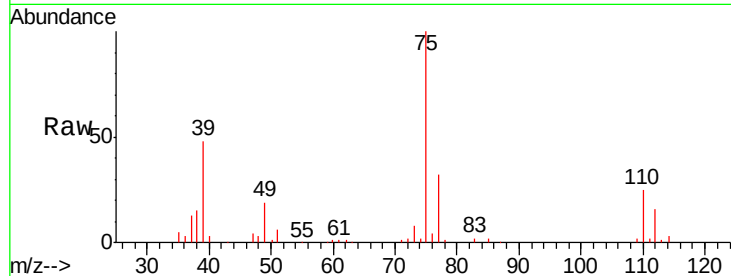
#53
 t-1,3-Dichloropropene
 Concen: 59.123 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 51242
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.4

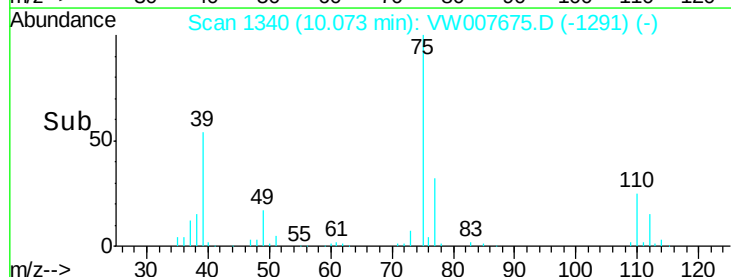
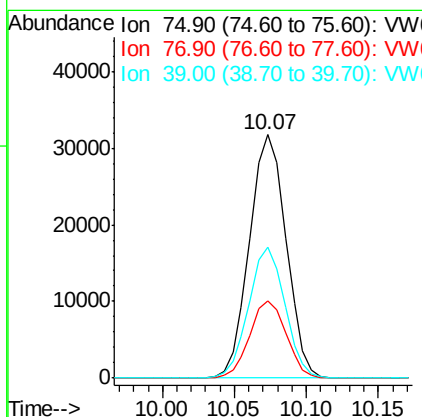
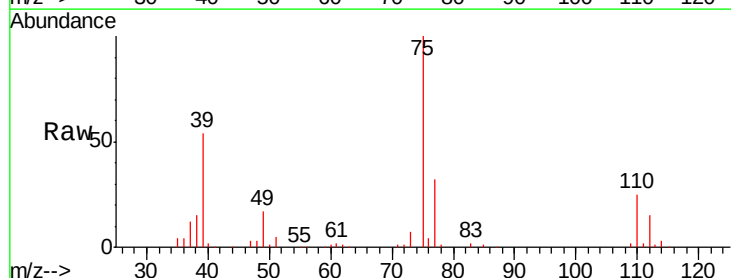
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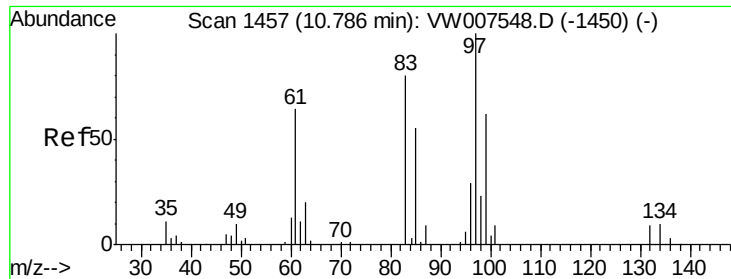
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#54
 cis-1,3-Dichloropropene
 Concen: 56.022 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 75 Resp: 56130
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 53.6 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 62.025 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

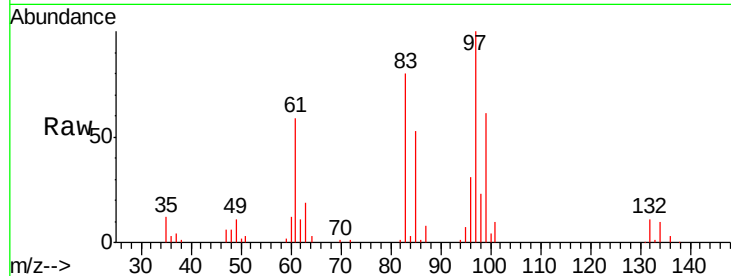
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	28731		
83	80.1	62.1	93.1	
85	53.0	44.2	66.4	
99	61.3	50.2	75.4	

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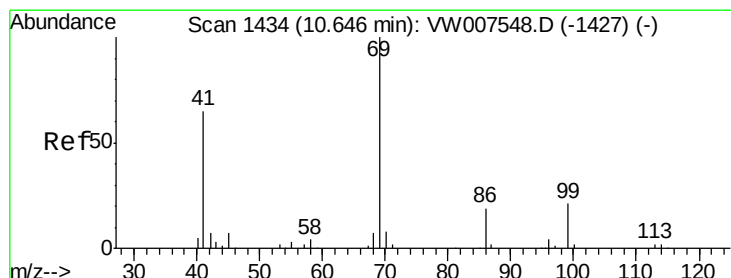
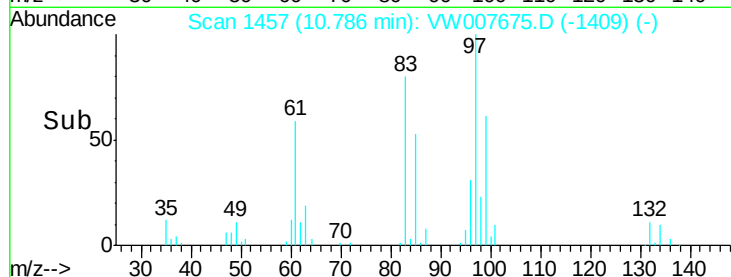
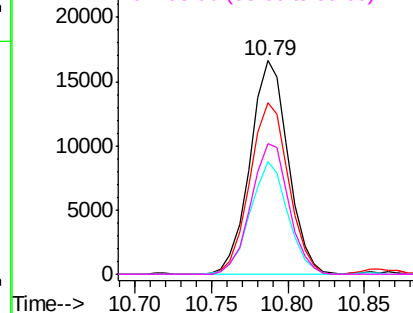
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 62.293 ug/l

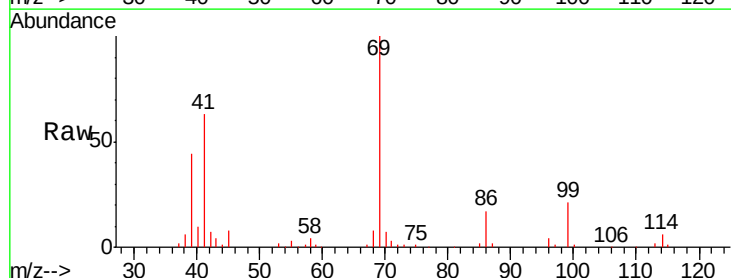
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	34683		
41	62.3	51.0	76.6	
39	39.7	30.8	46.2	

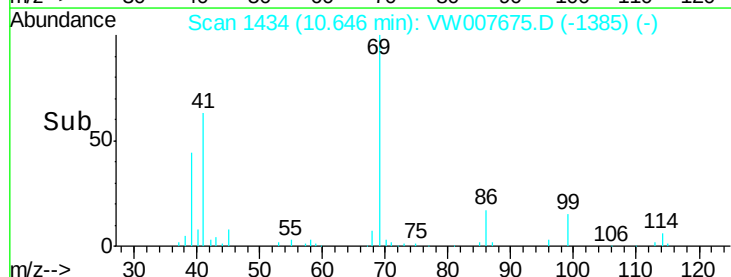
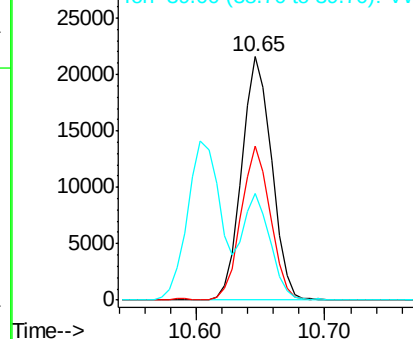


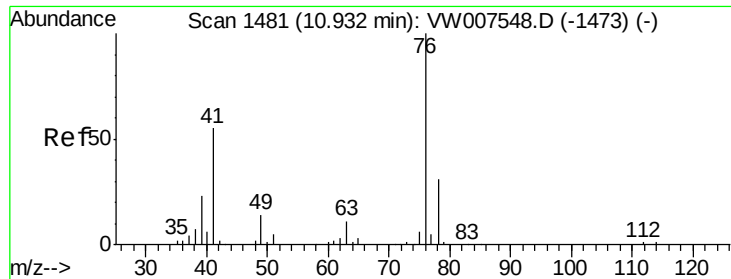
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 62.207 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 47296

Ion Ratio Lower Upper

76 100

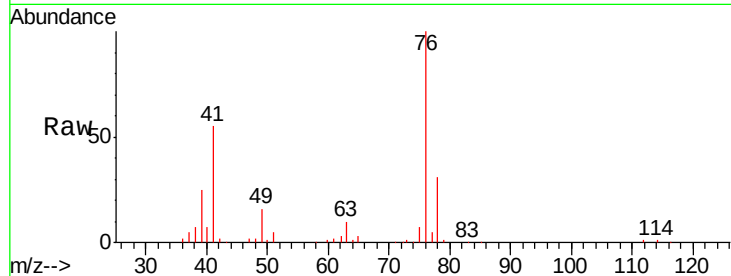
78 31.1 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

25000

20000

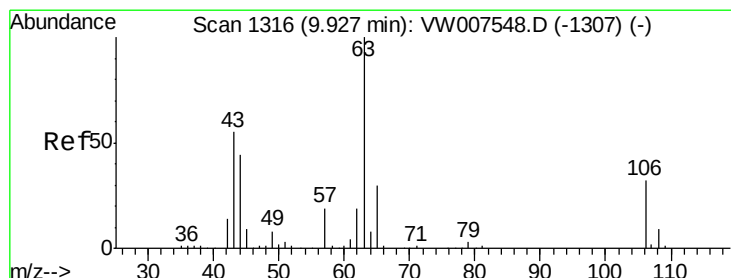
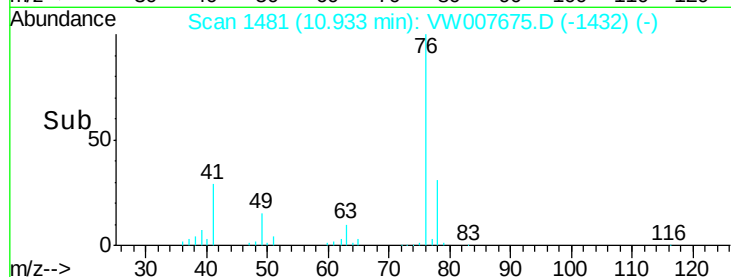
15000

10000

5000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 348.949 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW007675.D

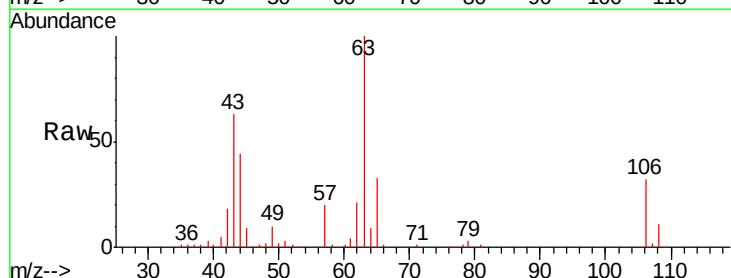
Acq: 19 Dec 2018 00:14

Tgt Ion: 63 Resp: 89594

Ion Ratio Lower Upper

63 100

106 32.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

60000

50000

40000

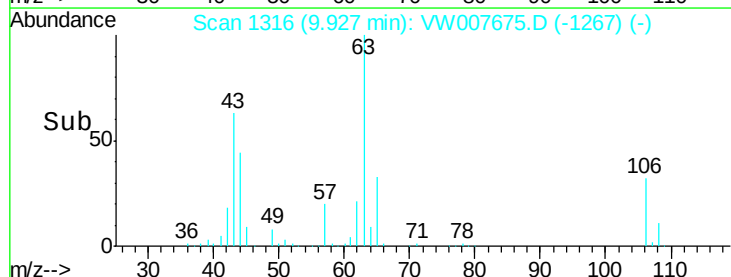
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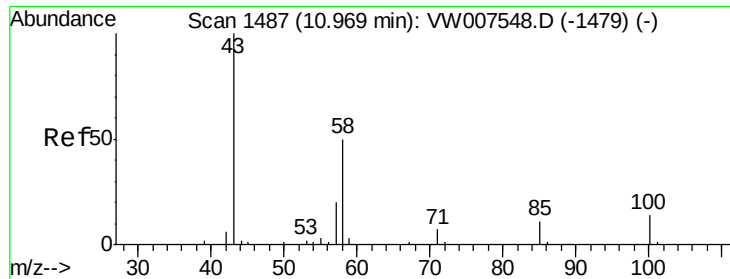
20000

10000

0

Time-->





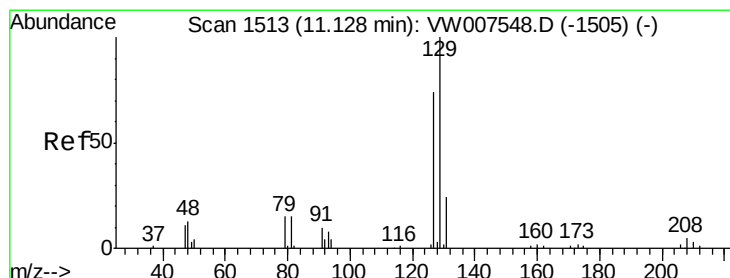
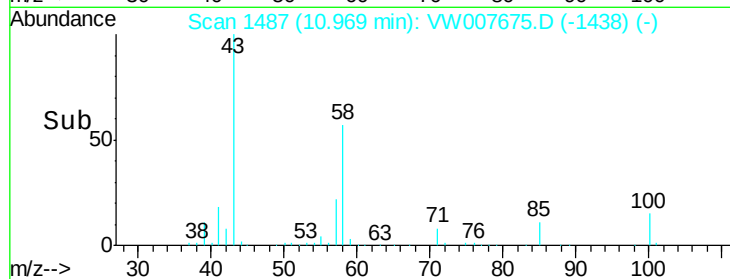
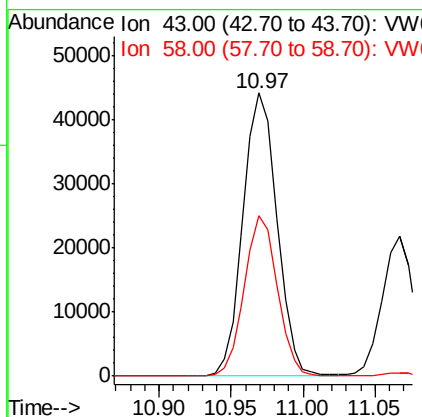
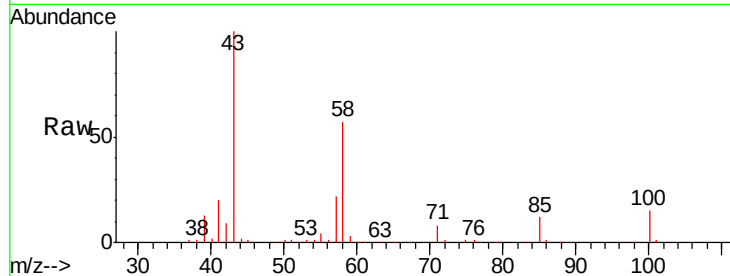
#59
2-Hexanone
Concen: 334.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72354
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3

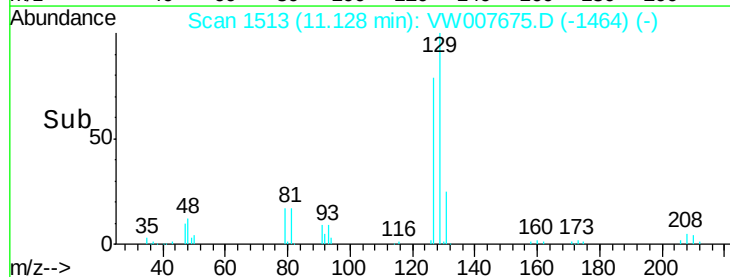
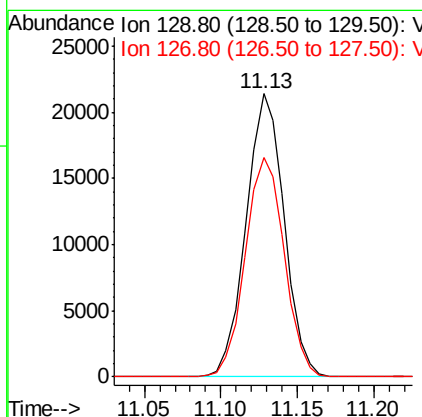
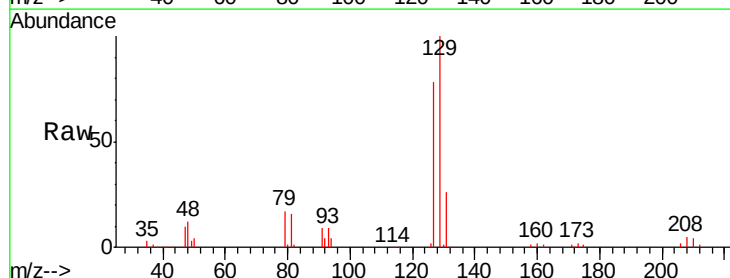
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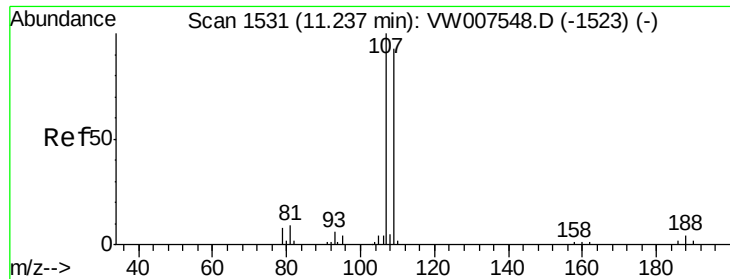
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#60
Dibromochloromethane
Concen: 63.413 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 129 Resp: 37070
Ion Ratio Lower Upper
129 100
127 79.3 38.1 114.3





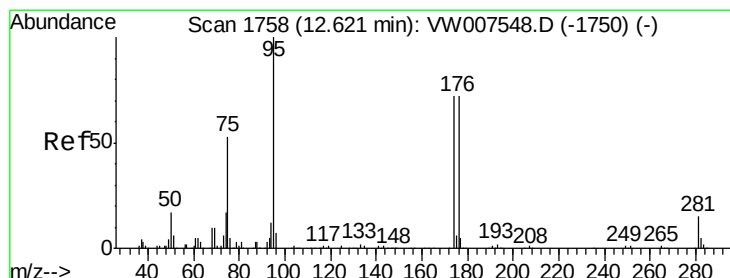
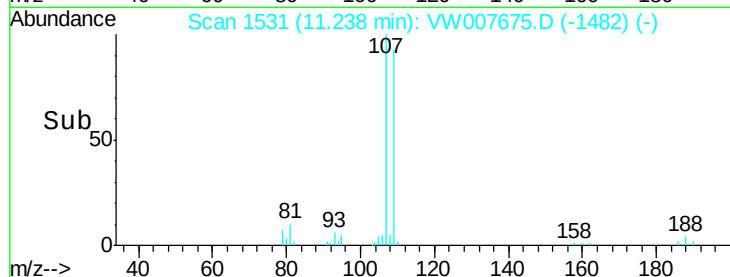
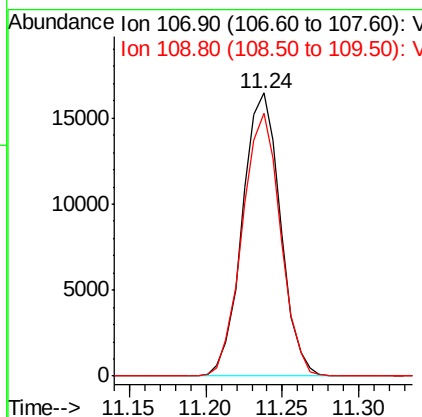
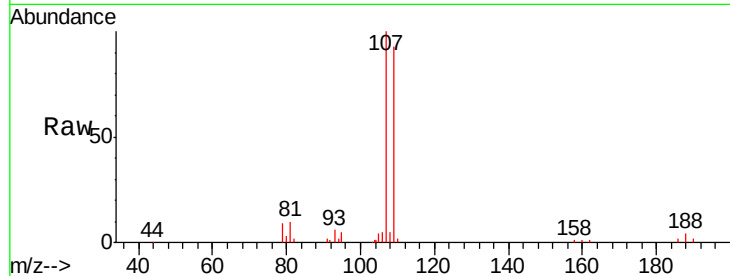
#61
1,2-Dibromoethane
Concen: 61.981 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 28373
Ion Ratio Lower Upper
107 100
109 93.5 79.1 118.7

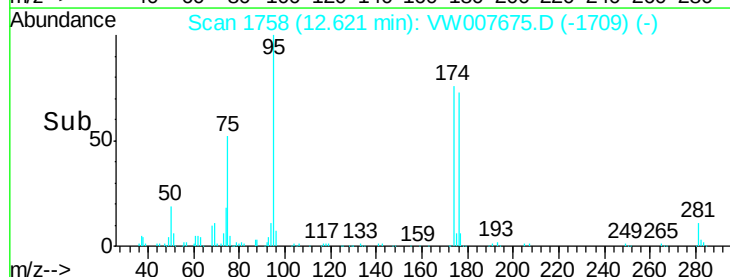
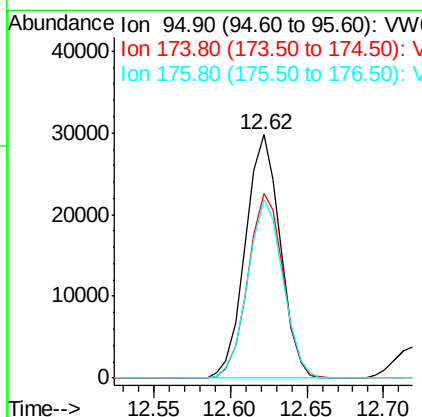
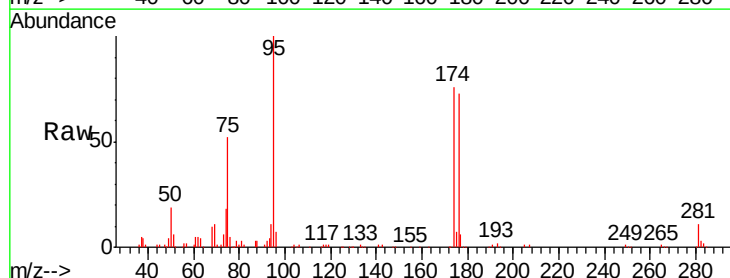
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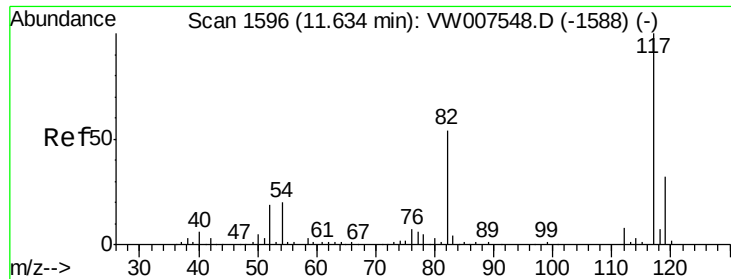
apatel
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#62
4-Bromofluorobenzene
Concen: 55.165 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 95 Resp: 47095
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.2
176 74.5 0.0 138.8





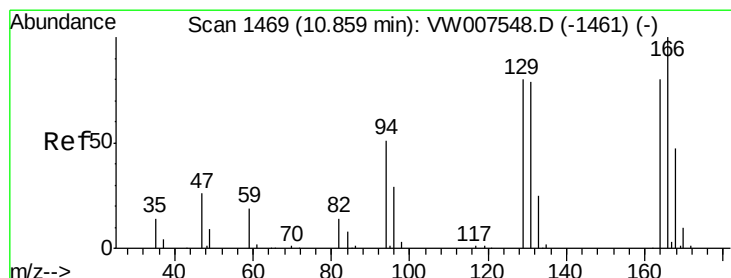
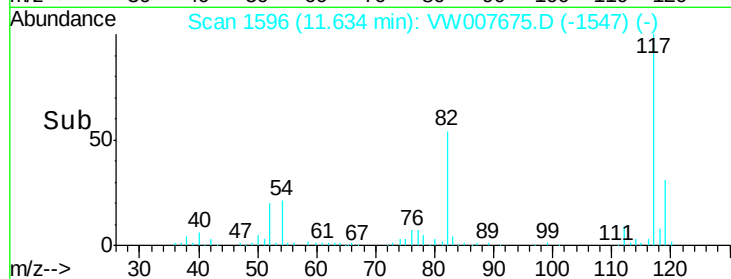
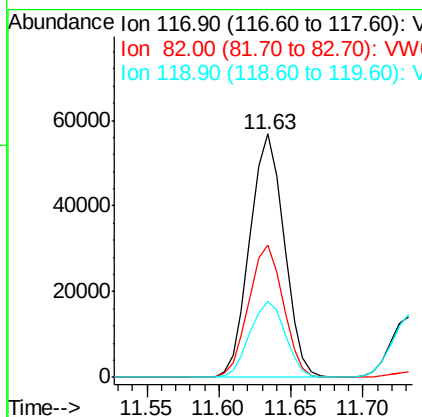
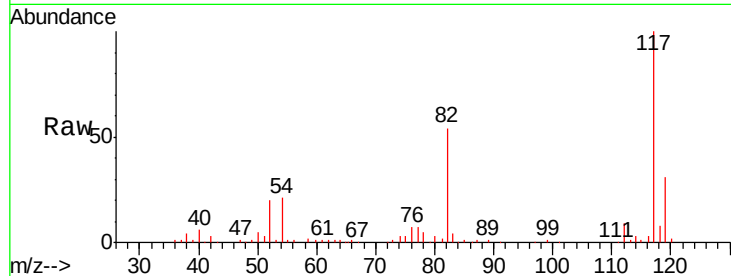
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.3	63.5
119	31.0	23.0	34.6

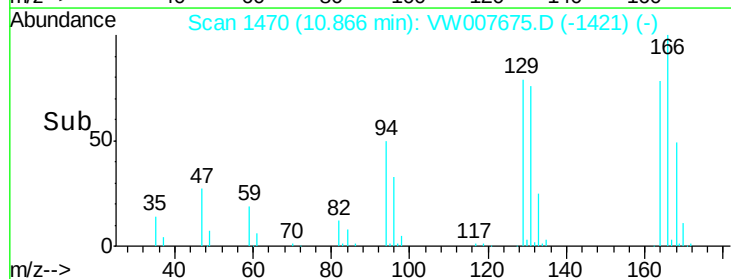
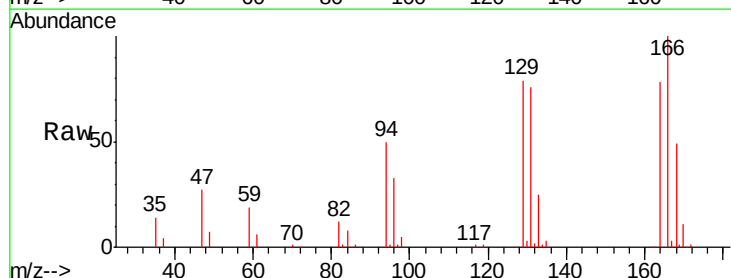
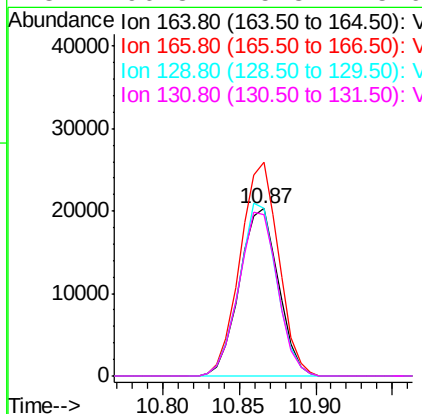
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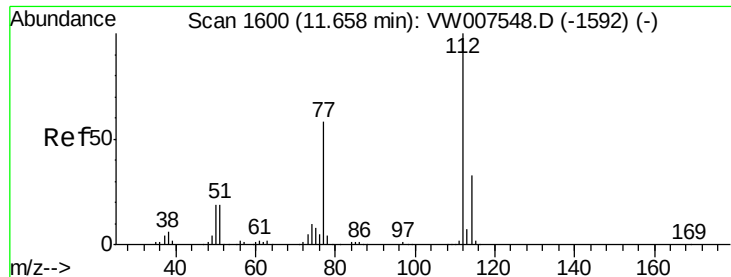
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#64
Tetrachloroethene
Concen: 53.267 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	107.9	161.9
129	100.5	73.4	110.2
131	96.8	75.8	113.6





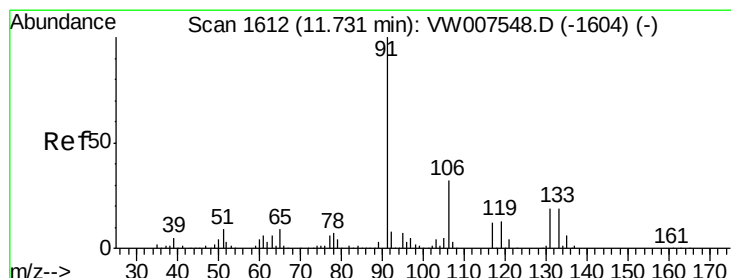
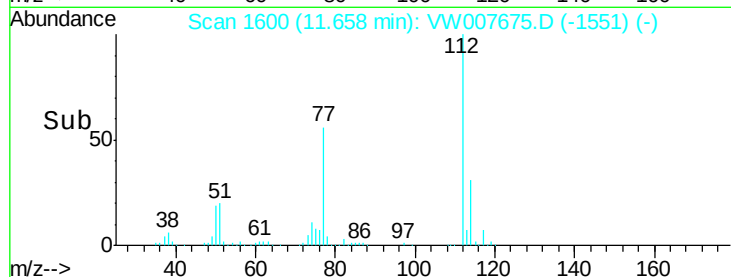
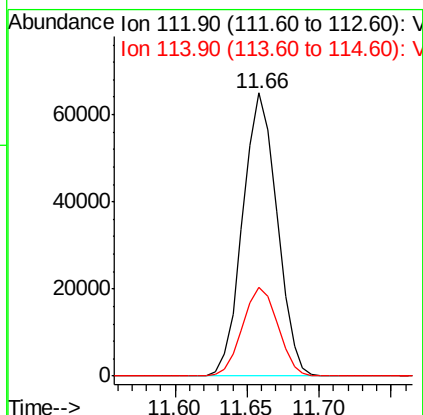
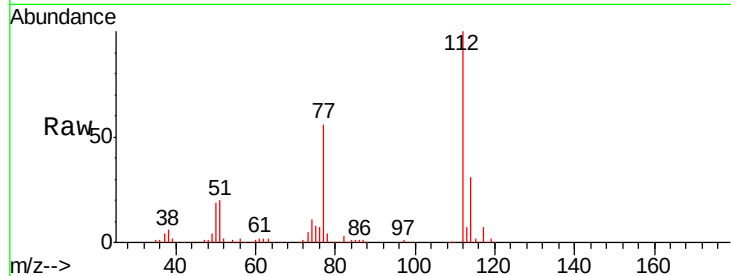
#65
Chlorobenzene
Concen: 55.018 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 107503
Ion Ratio Lower Upper
112 100
114 31.3 27.8 41.8

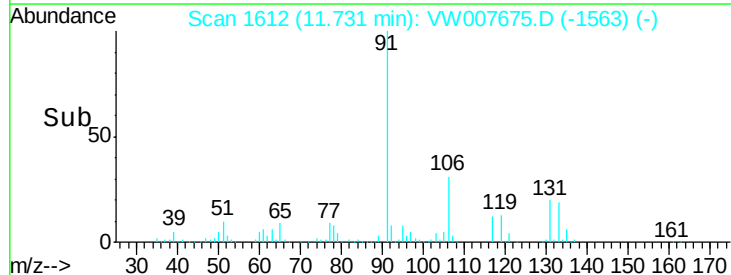
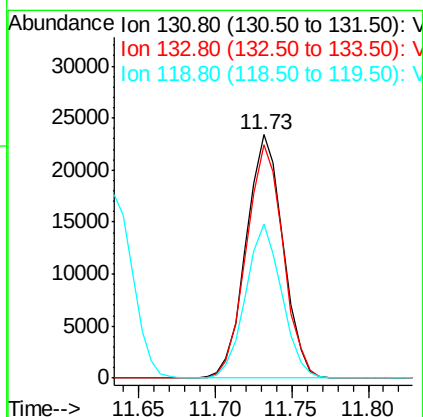
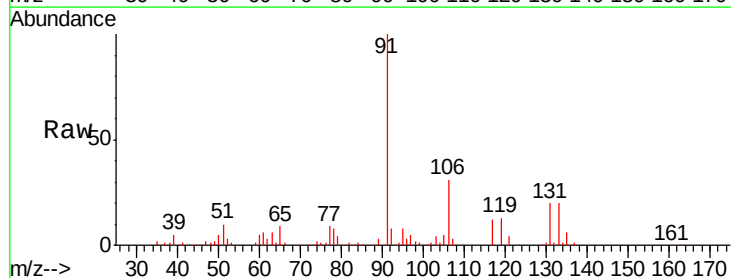
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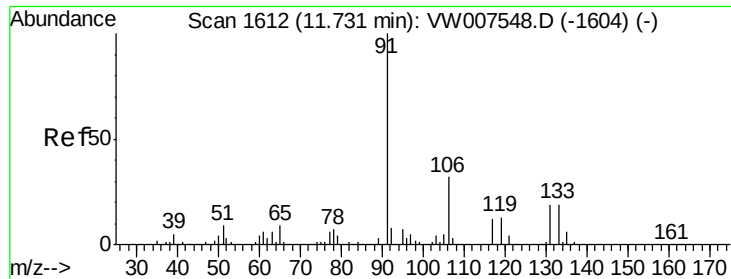
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.025 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:131 Resp: 39244
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 61.8 31.3 93.9





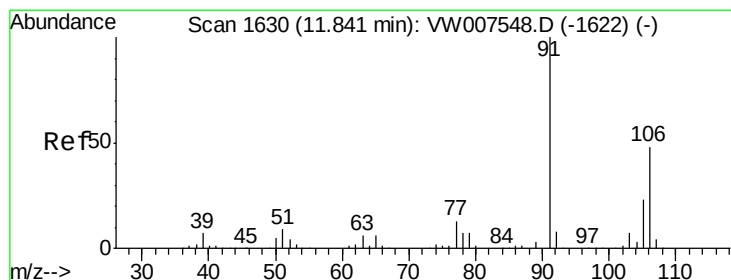
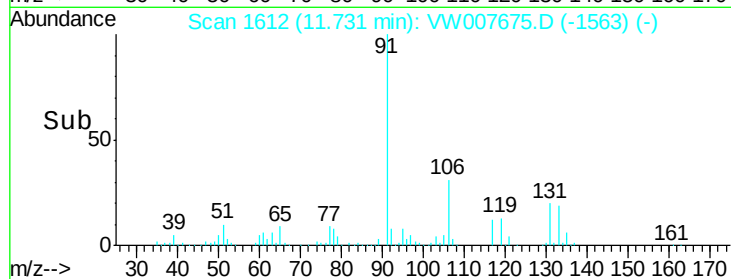
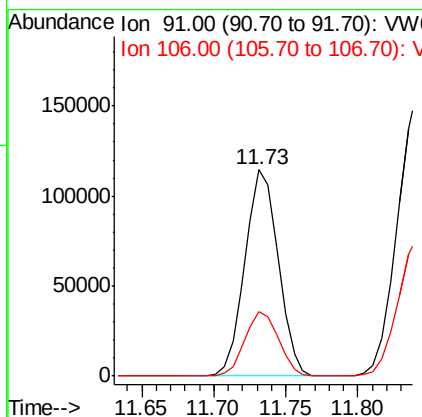
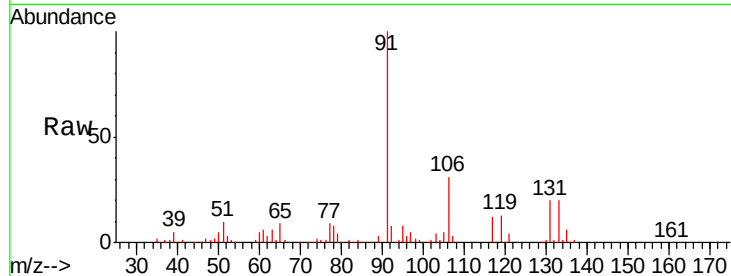
#67
Ethyl Benzene
Concen: 54.767 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 183986
Ion Ratio Lower Upper
91 100
106 31.3 21.8 32.8

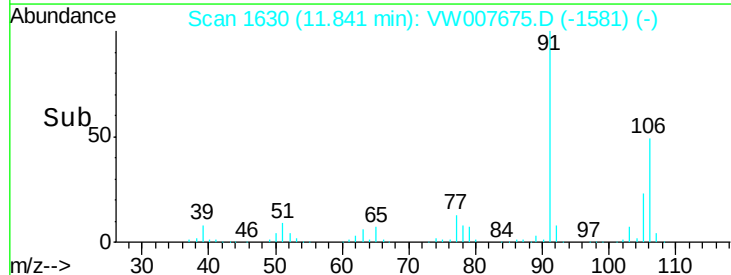
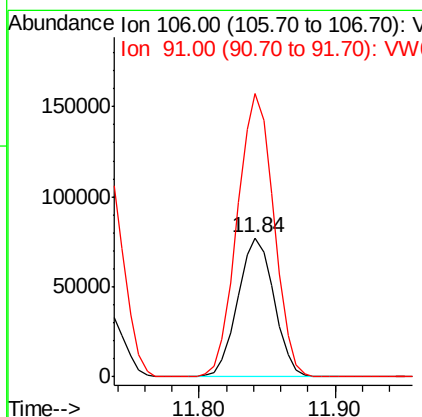
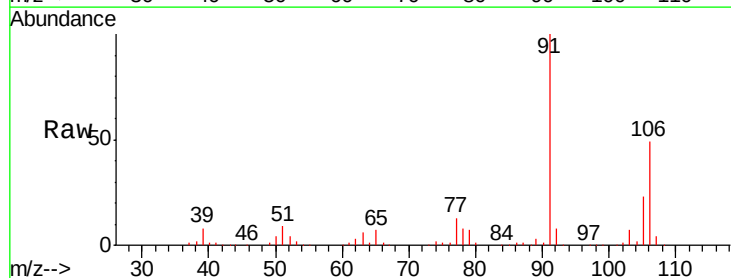
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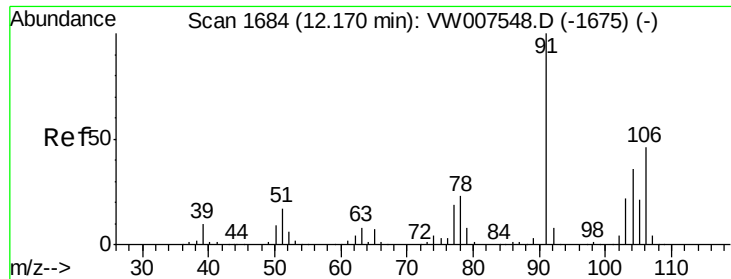
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#68
m/p-Xylenes
Concen: 109.759 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 106 Resp: 143344
Ion Ratio Lower Upper
106 100
91 205.8 165.3 247.9





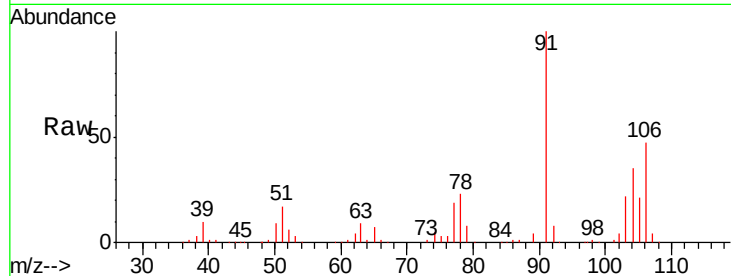
#69
o-Xylene
Concen: 55.435 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

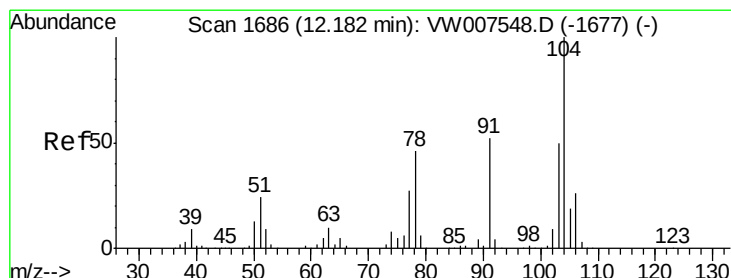
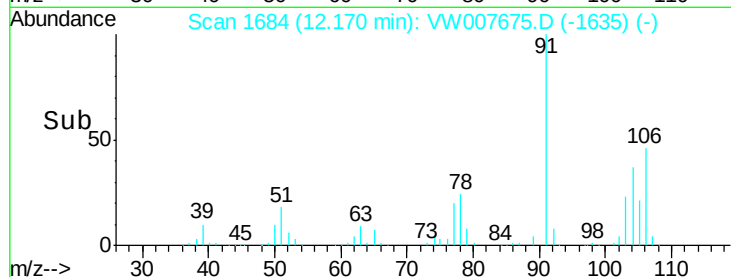
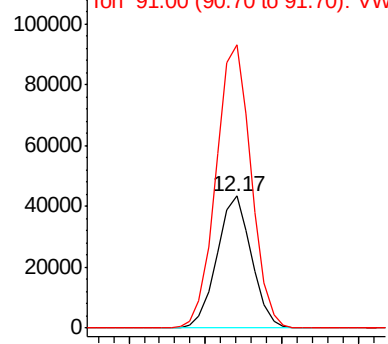
Tgt Ion:106 Resp: 67615
Ion Ratio Lower Upper
106 100
91 218.8 106.6 319.8

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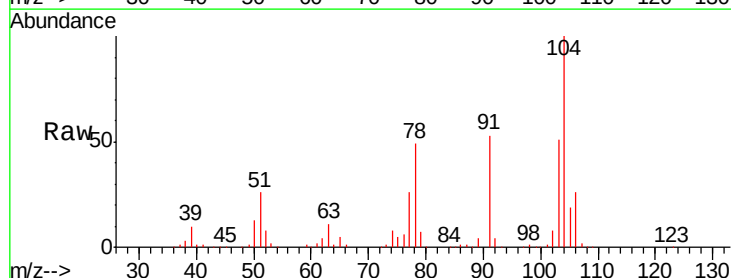


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

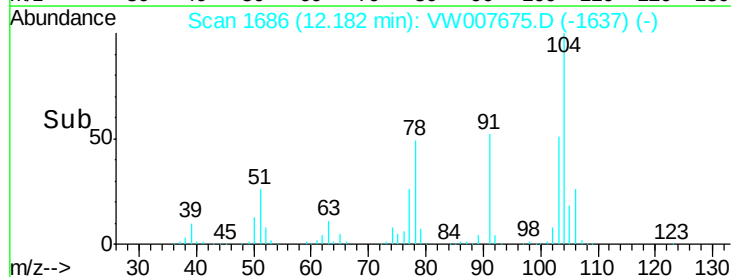
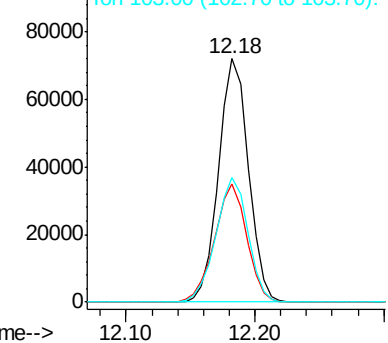


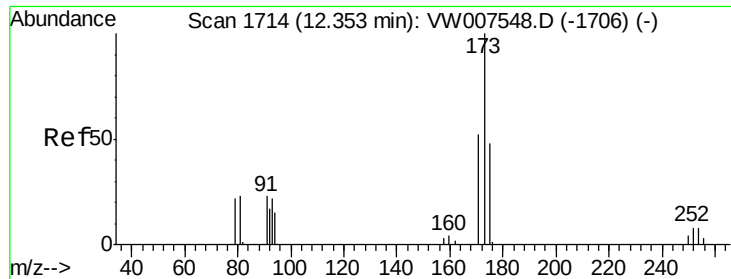
#70
Styrene
Concen: 58.319 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:104 Resp: 114893
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.1 46.6 69.8



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





#71

Bromoform

Concen: 61.194 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

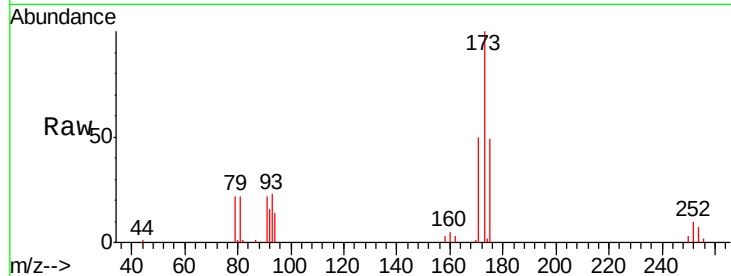
ClientSampleId :

VSTDCCC050

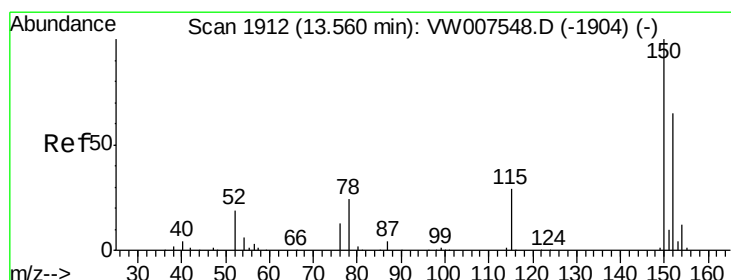
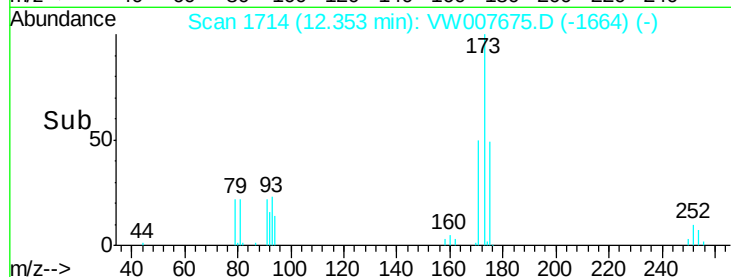
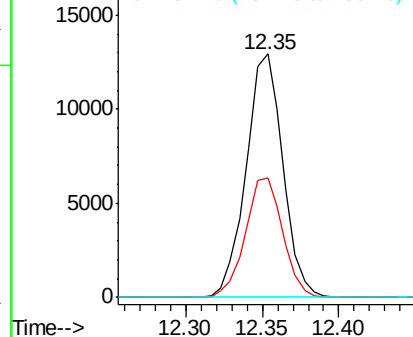
Tgt Ion:	173	Resp:	21555
Ion Ratio	Lower	Upper	
173	100		
175	49.7	23.6	70.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

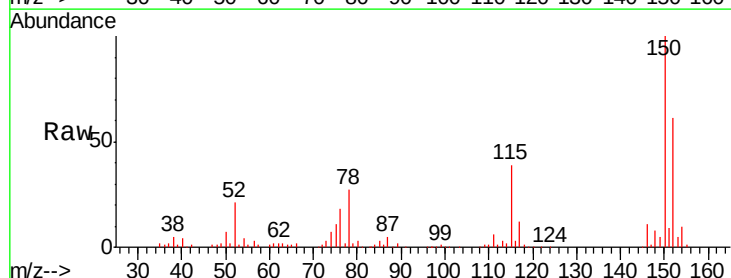
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

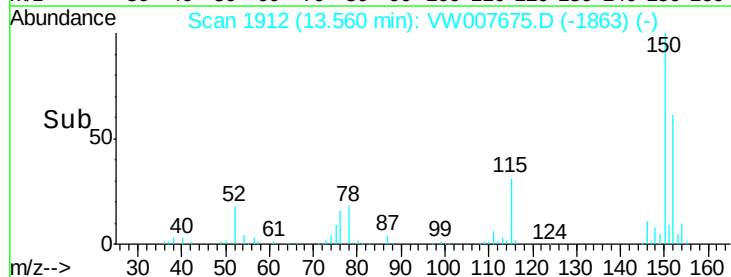
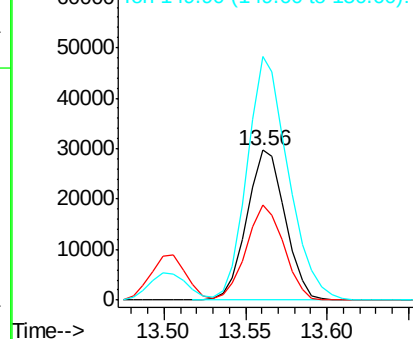
Lab File: VW007675.D

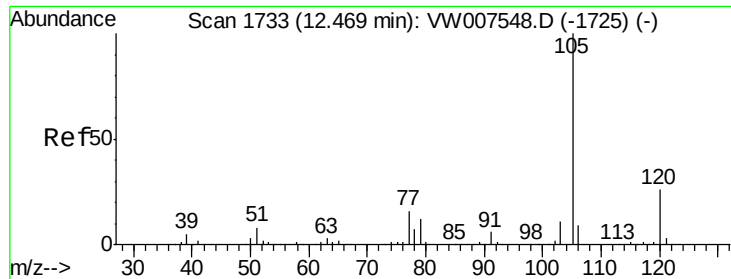
Acq: 19 Dec 2018 00:14

Tgt Ion:	152	Resp:	48541
Ion Ratio	Lower	Upper	
152	100		
115	62.3	31.4	94.2
150	173.8	0.0	358.4



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: 51.891 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 193002

Ion Ratio Lower Upper

105 100

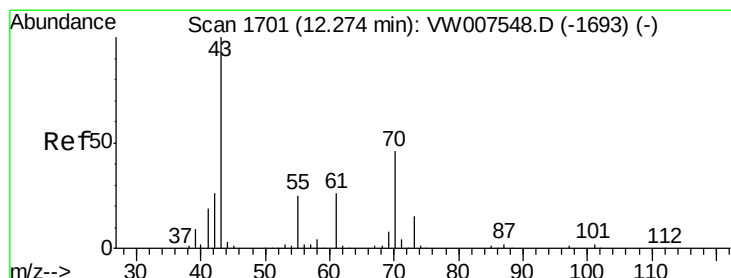
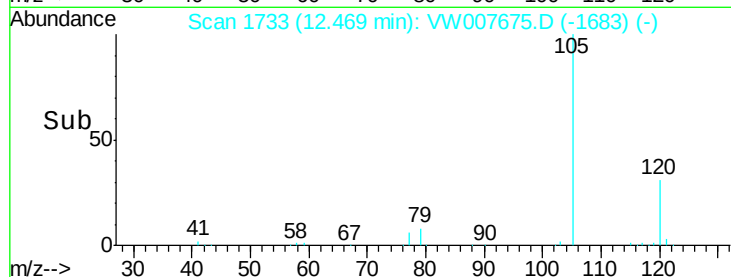
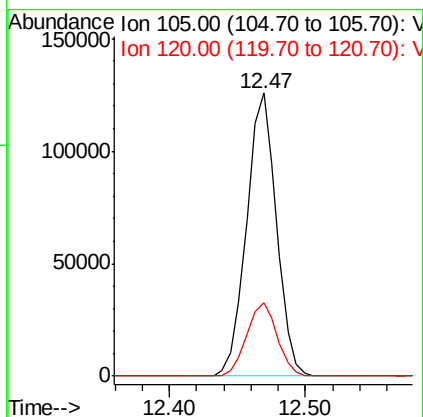
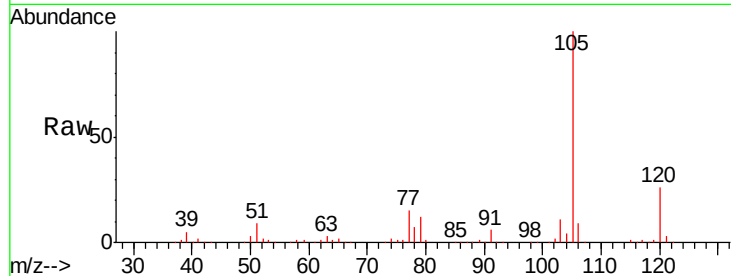
120 26.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 54.699 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion: 43 Resp: 36975

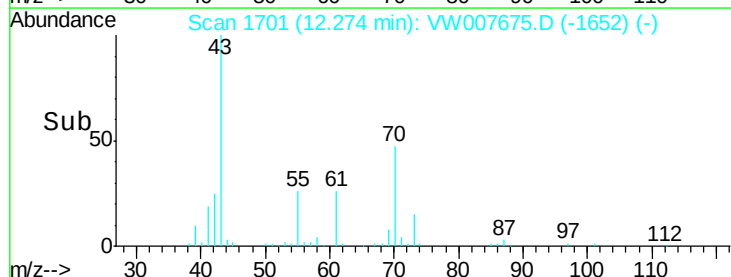
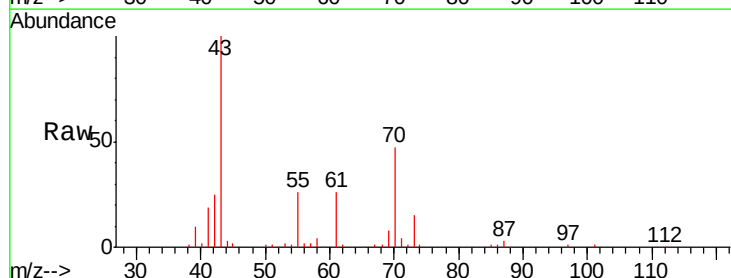
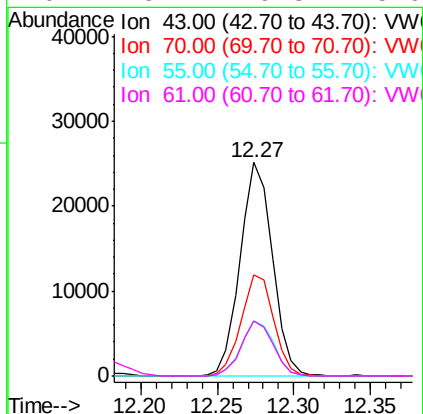
Ion Ratio Lower Upper

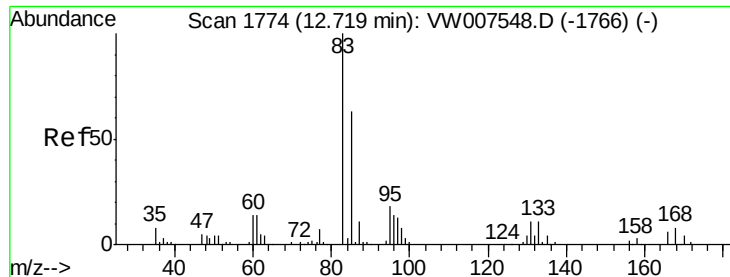
43 100

70 47.5 36.5 54.7

55 26.2 20.1 30.1

61 25.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.687 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

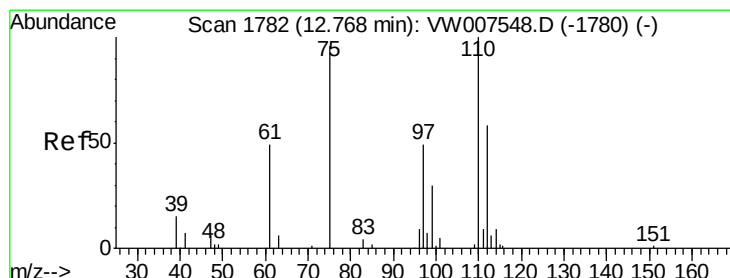
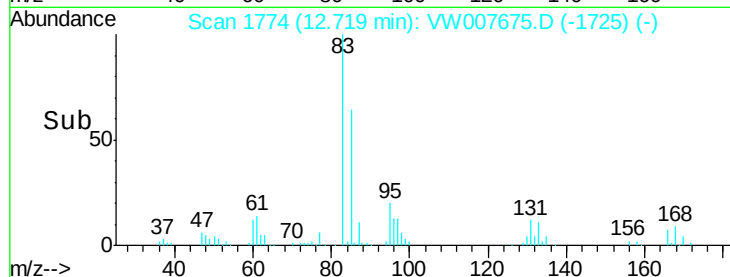
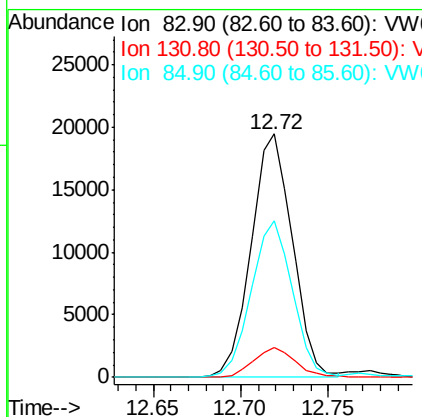
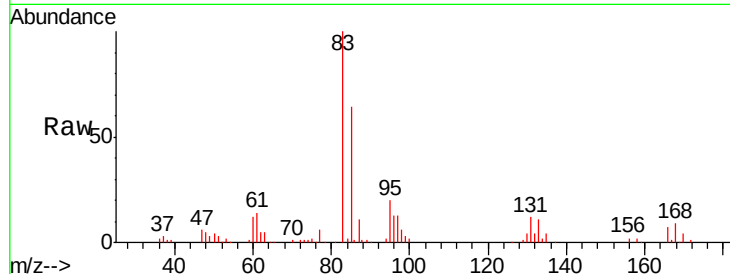
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	31779
Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.9	17.8
85	64.4	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 50.353 ug/l m

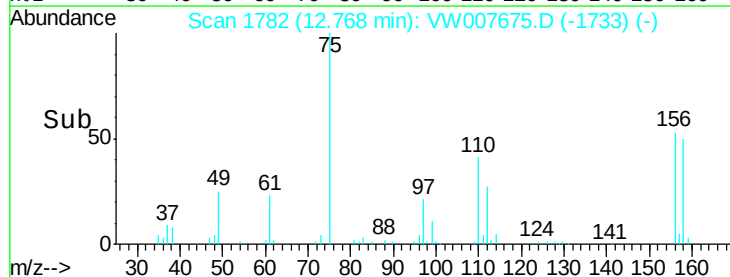
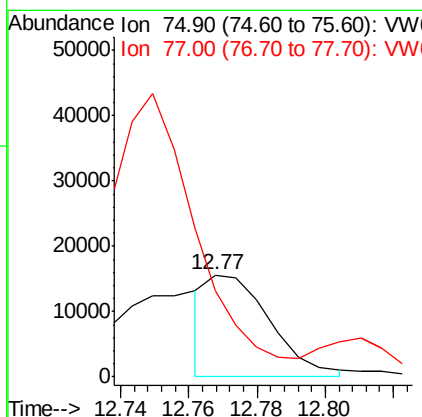
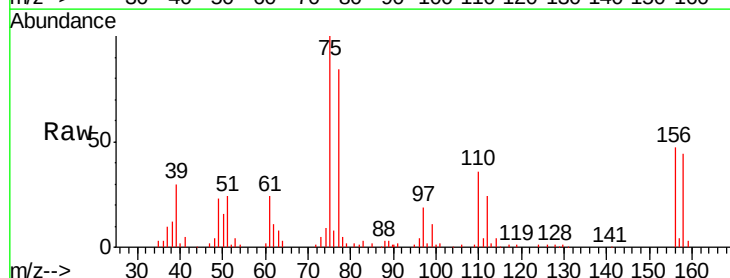
RT: 12.77 min Scan# 1782

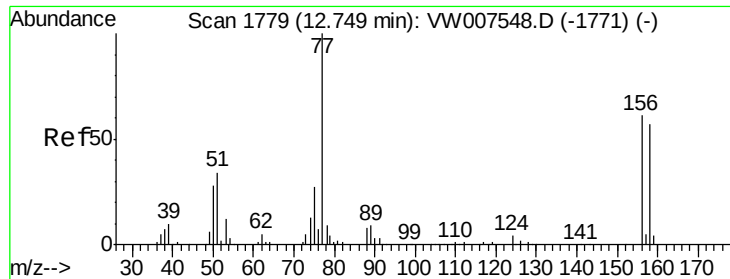
Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion:	75	Resp:	20153
Ion	Ratio	Lower	Upper
75	100		
77	395.4	166.9	500.8





#77

Bromobenzene

Concen: 53.156 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

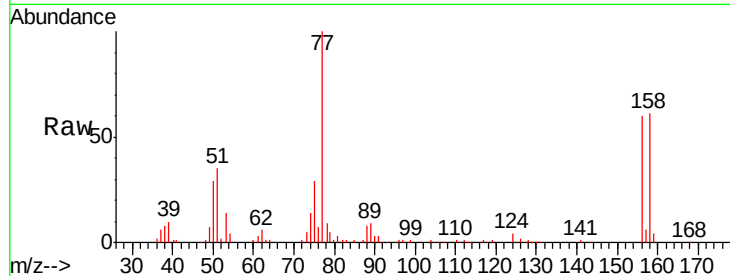
ClientSampleId :

VSTDCCC050

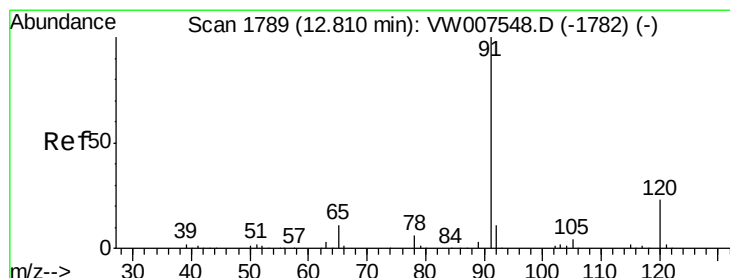
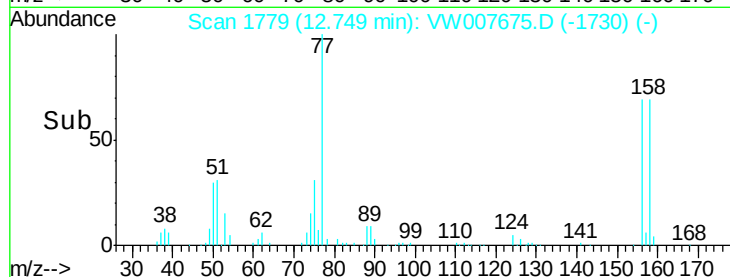
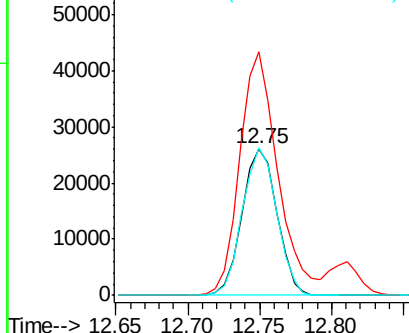
Tgt Ion:	156	Resp:	43824
Ion Ratio	Lower	Upper	
156	100		
77	181.8	88.1	264.4
158	99.0	45.6	136.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.199 ug/l

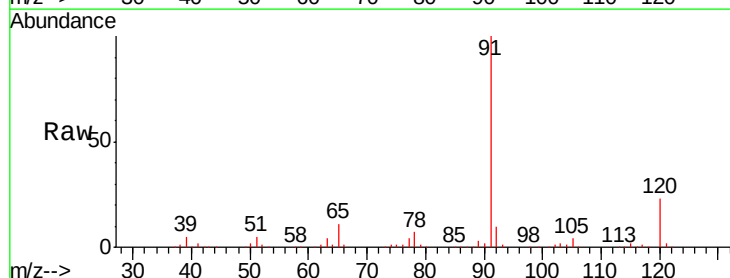
RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

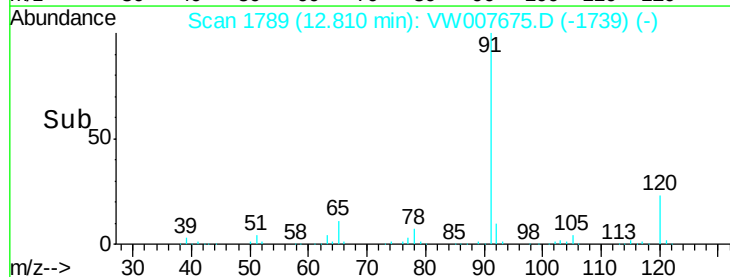
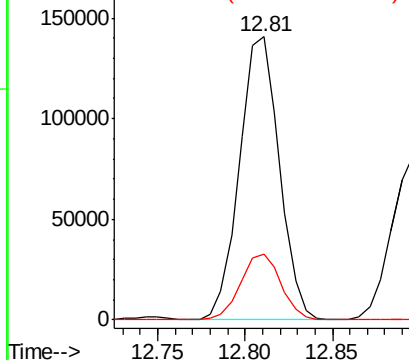
Lab File: VW007675.D

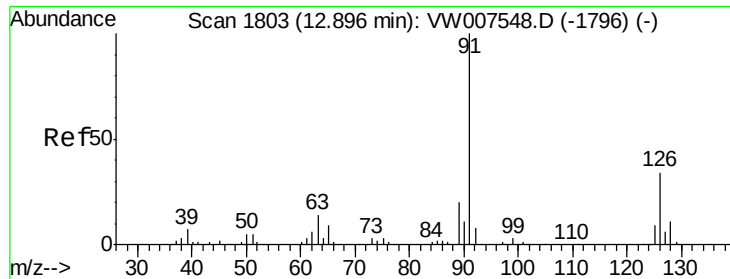
Acq: 19 Dec 2018 00:14

Tgt Ion:	91	Resp:	222681
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





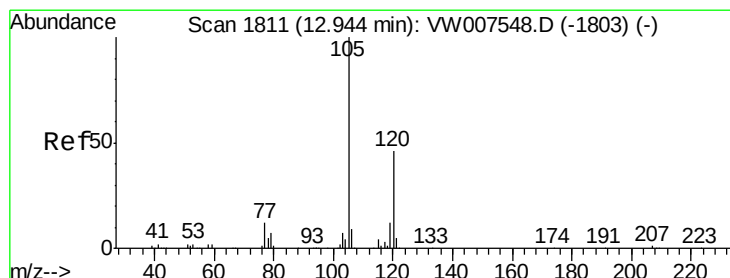
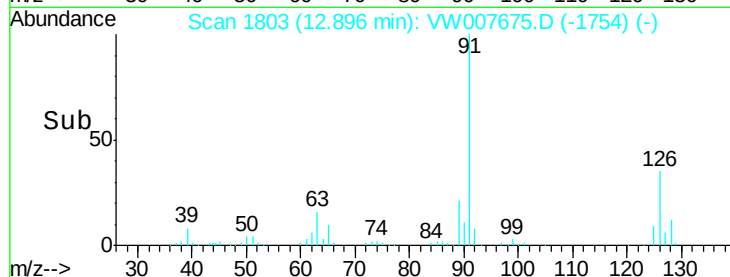
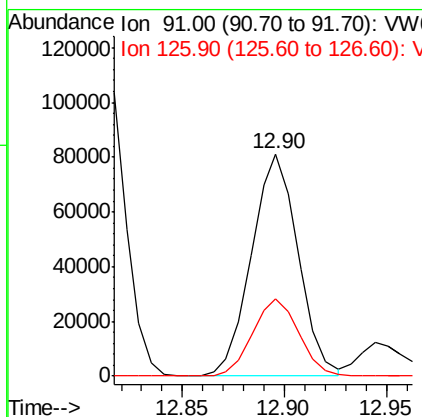
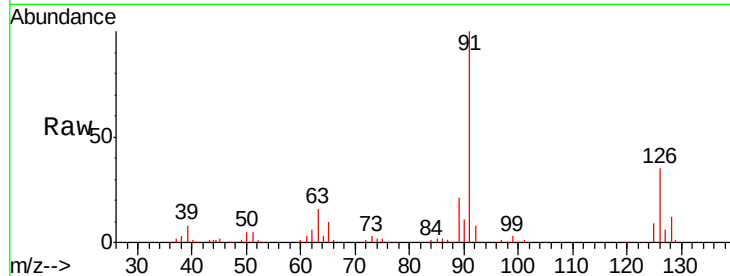
#79
 2-Chlorotoluene
 Concen: 51.007 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 129189
 Ion Ratio Lower Upper
 91 100
 126 34.5 15.9 47.6

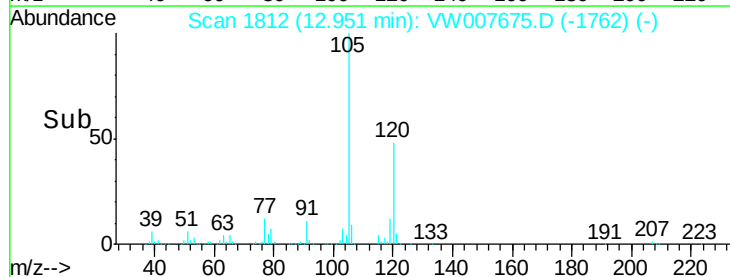
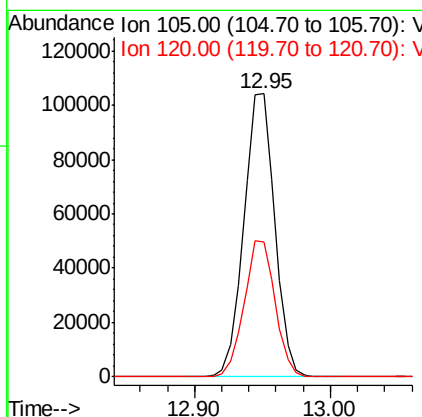
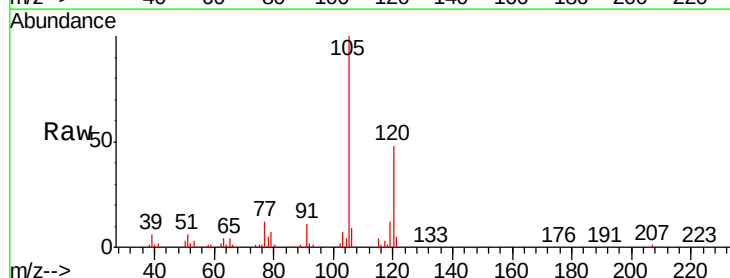
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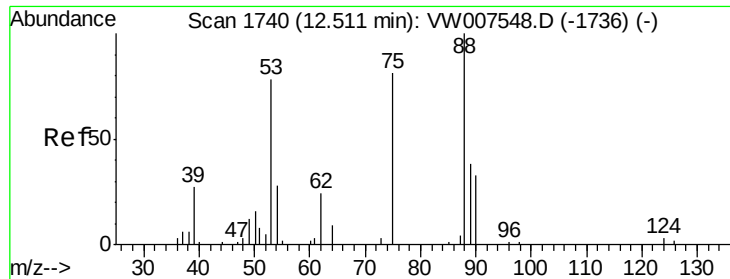
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.979 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 105 Resp: 165572
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.4





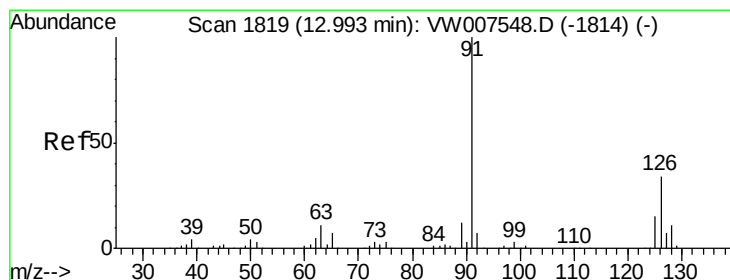
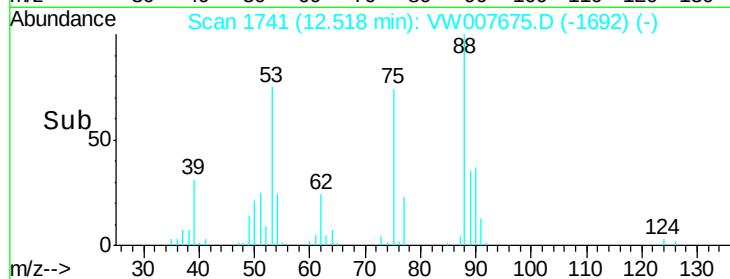
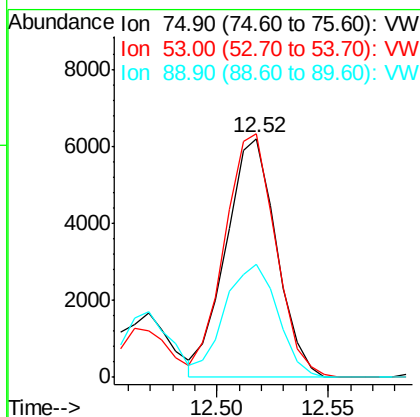
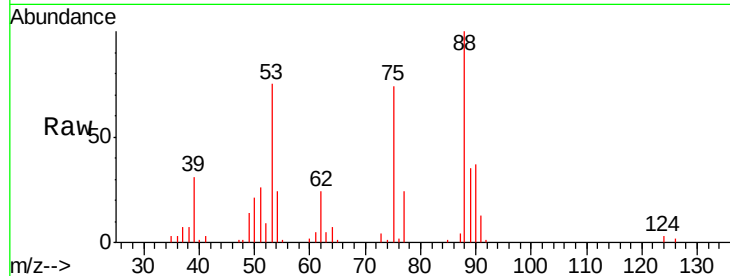
#81
trans-1,4-Dichloro-2-butene
Concen: 54.061 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.9	84.9	127.3
89	49.7	40.3	60.5

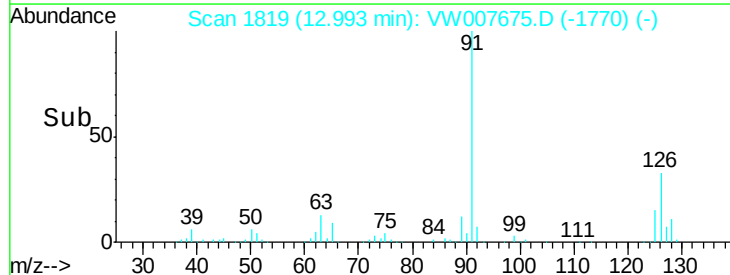
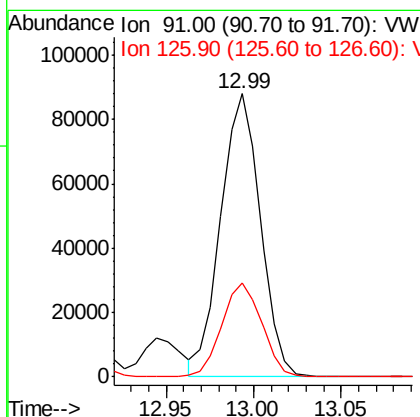
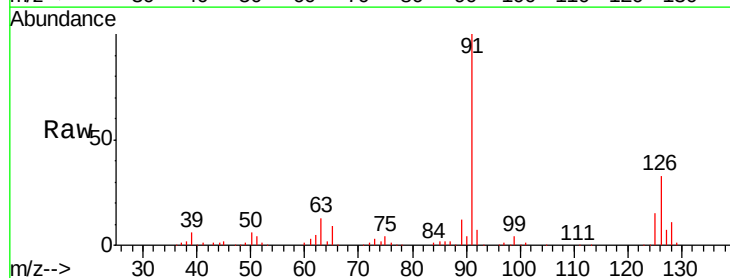
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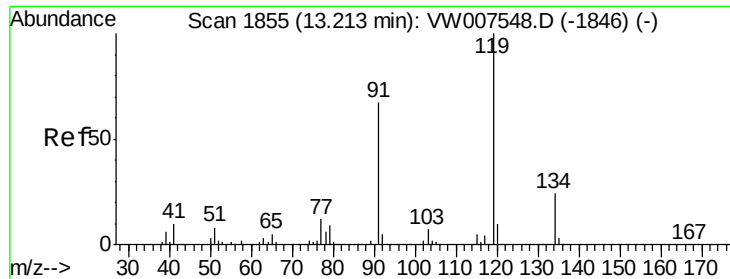
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#82
4-Chlorotoluene
Concen: 51.961 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.0	48.0





#83

tert-Butylbenzene

Concen: 52.444 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

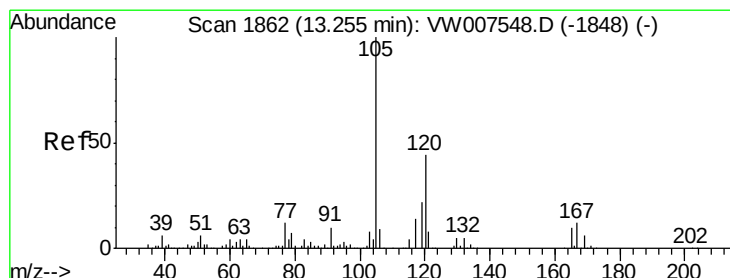
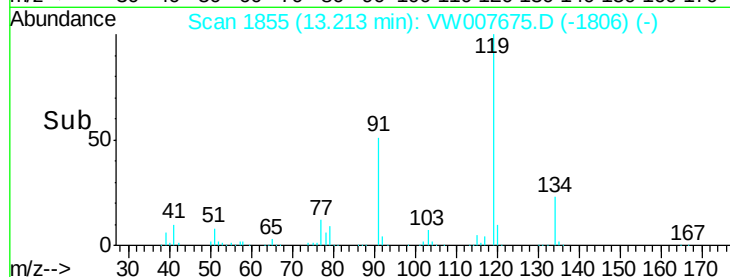
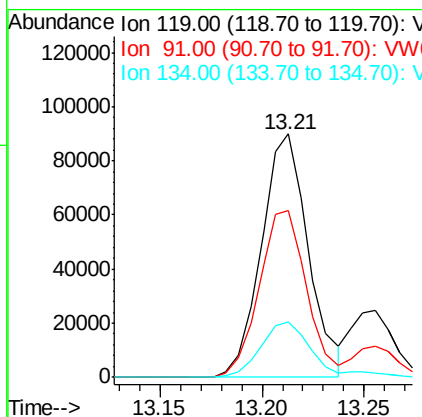
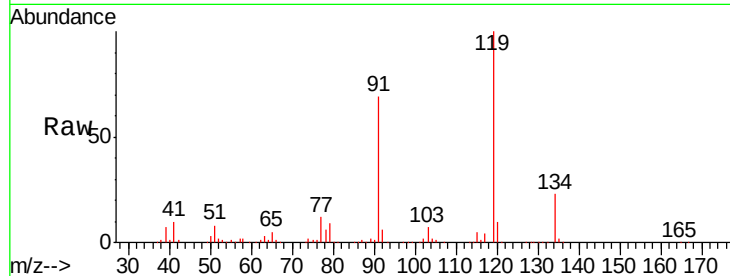
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	144418		
91	68.9	33.1	99.2	
134	25.4	12.5	37.5	

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#84

1,2,4-Trimethylbenzene

Concen: 52.374 ug/l

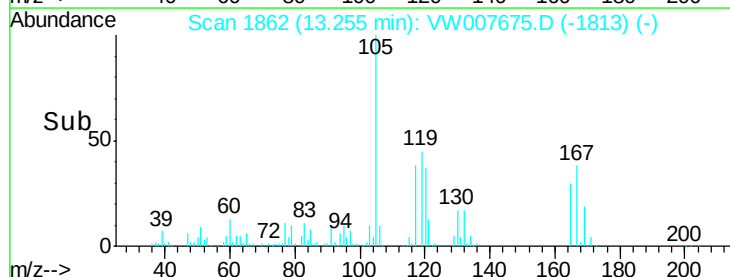
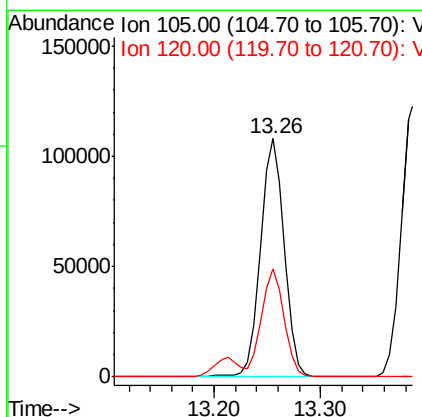
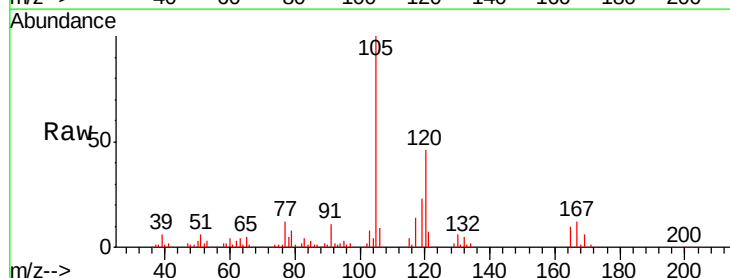
RT: 13.26 min Scan# 1862

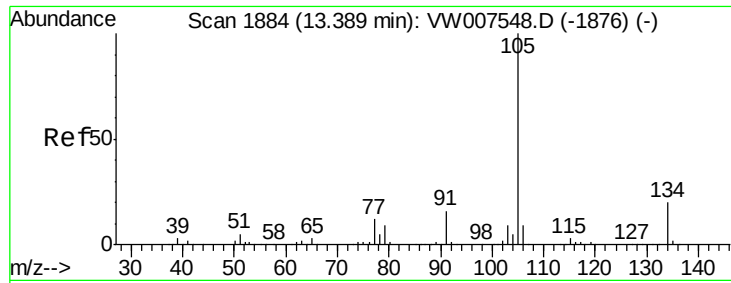
Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168436		
120	43.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 52.918 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 198930

Ion Ratio Lower Upper

105 100

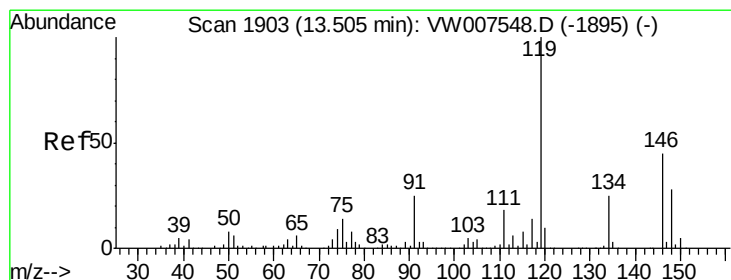
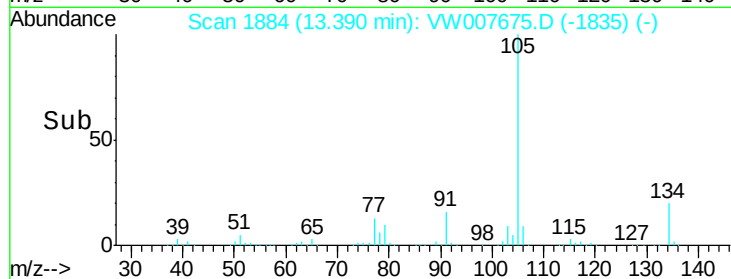
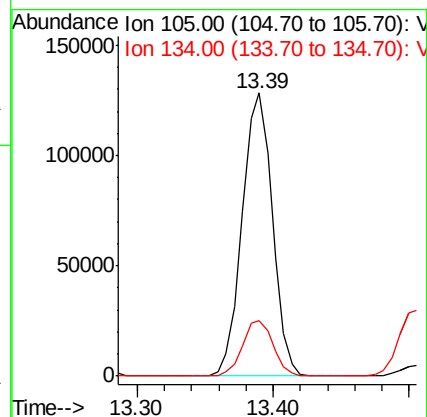
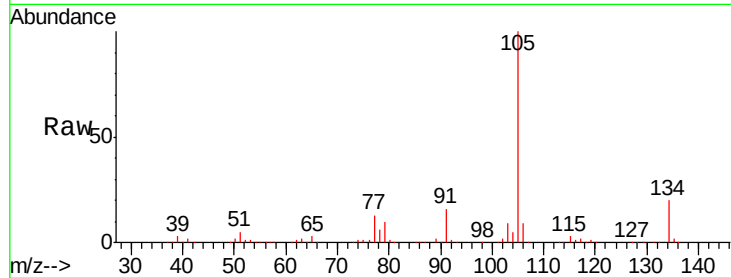
134 19.9 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 53.633 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

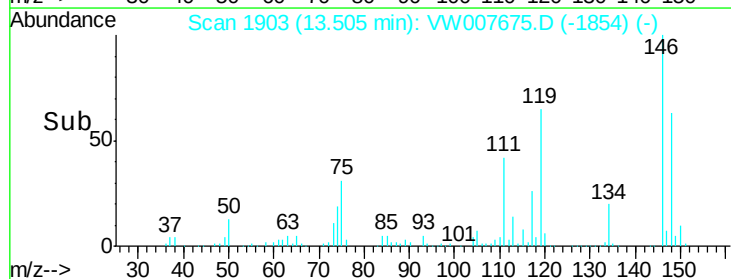
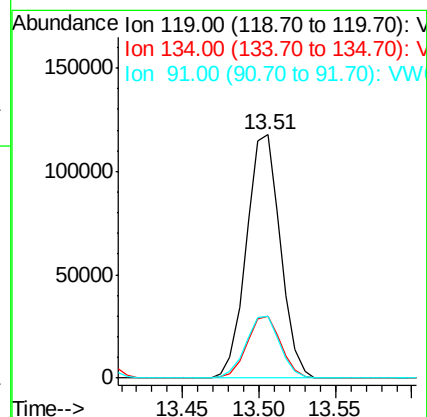
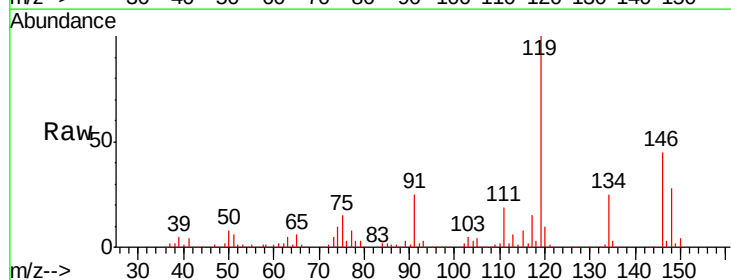
Tgt Ion:119 Resp: 181127

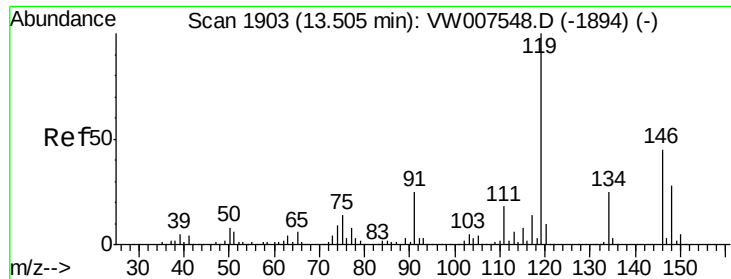
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 25.4 11.9 35.9





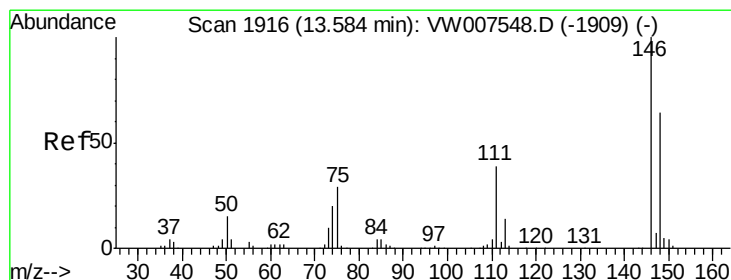
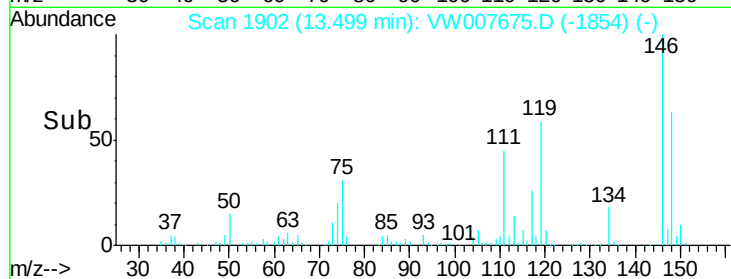
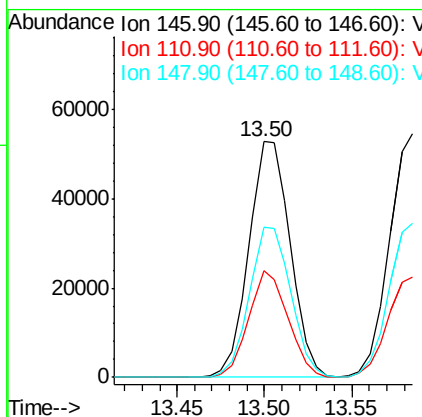
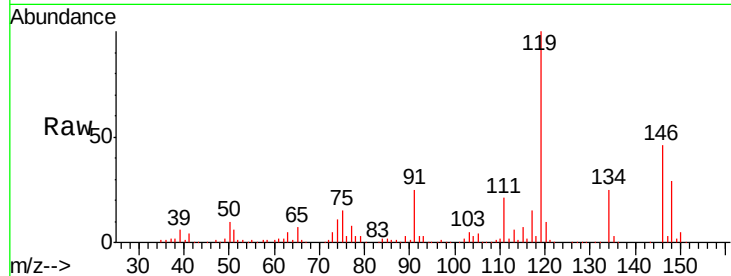
#87
 1,3-Dichlorobenzene
 Concen: 52.854 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.1	60.3
148	63.7	31.4	94.0

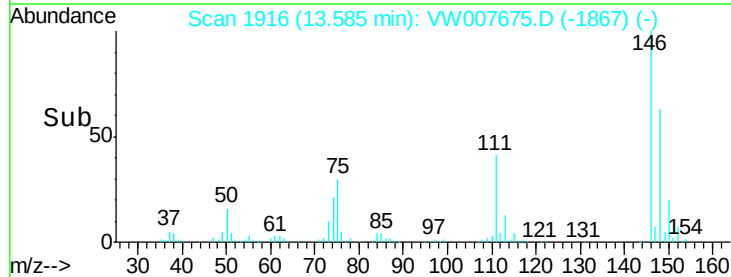
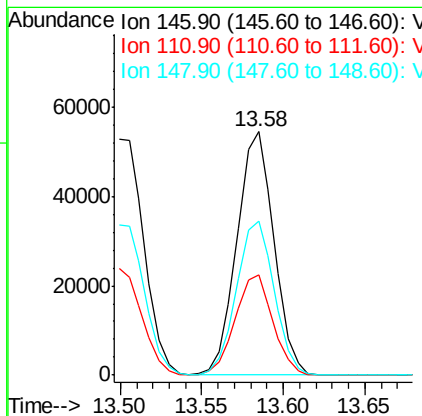
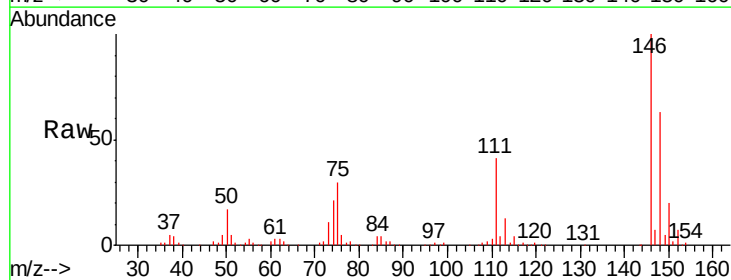
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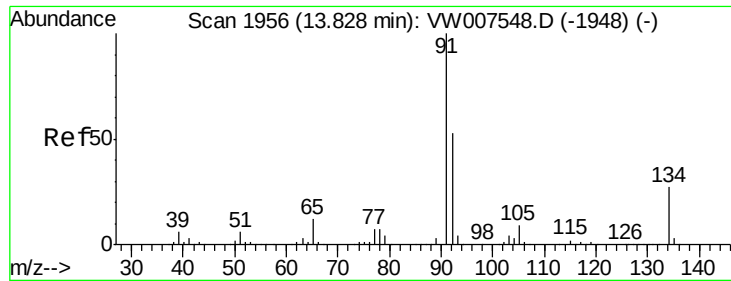
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#88
 1,4-Dichlorobenzene
 Concen: 52.332 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	61.0
148	64.5	33.5	100.5





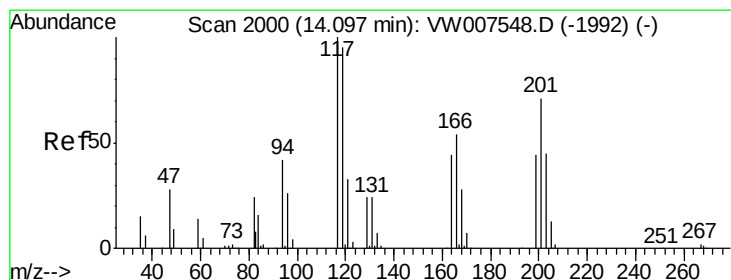
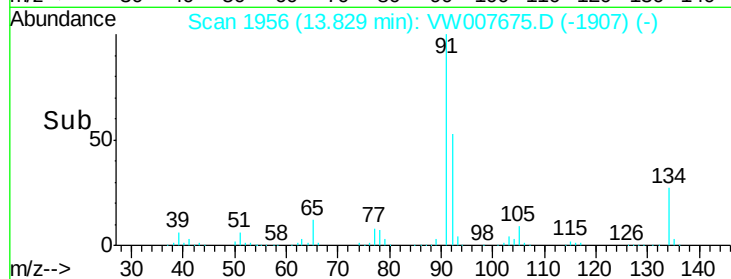
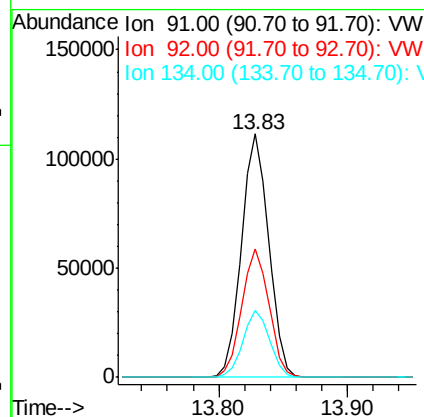
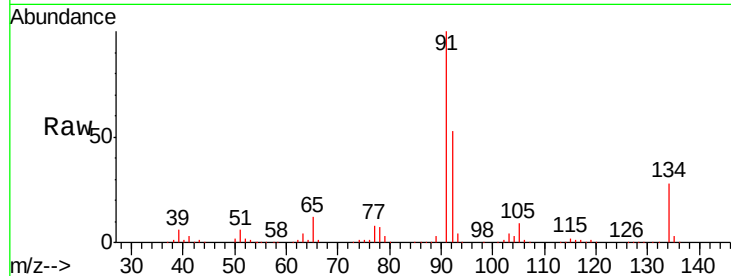
#89
n-Butylbenzene
Concen: 52.105 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.7	77.1
134	26.8	13.4	40.2

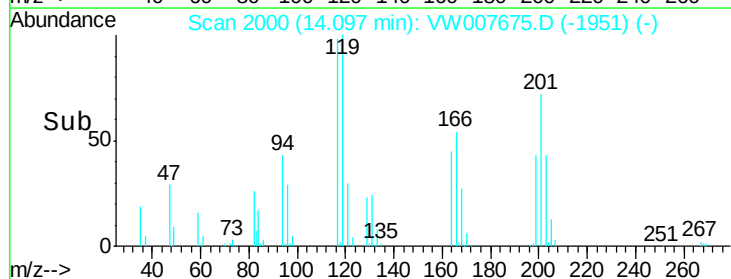
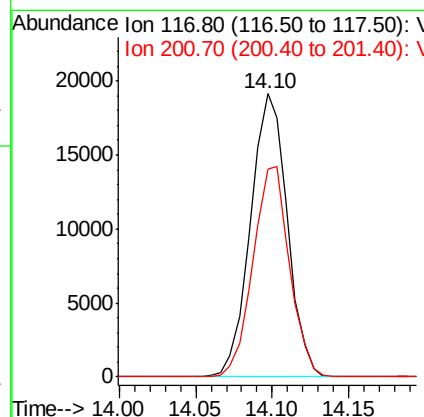
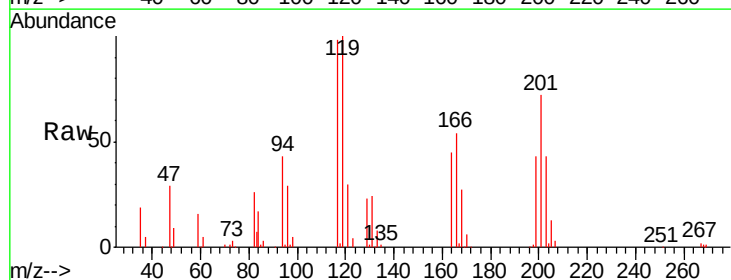
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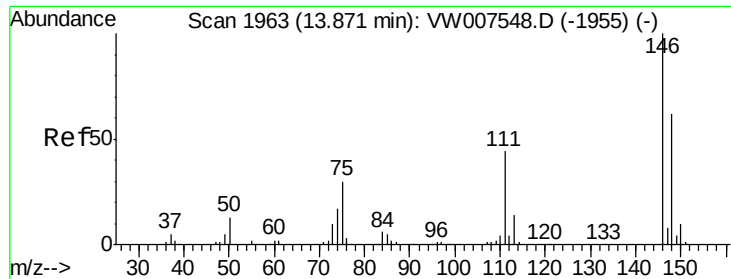
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#90
Hexachloroethane
Concen: 53.122 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	35.3	105.9





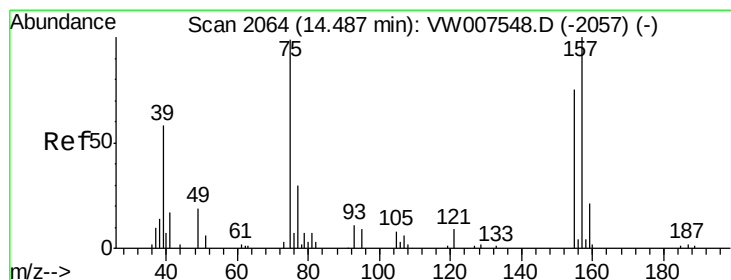
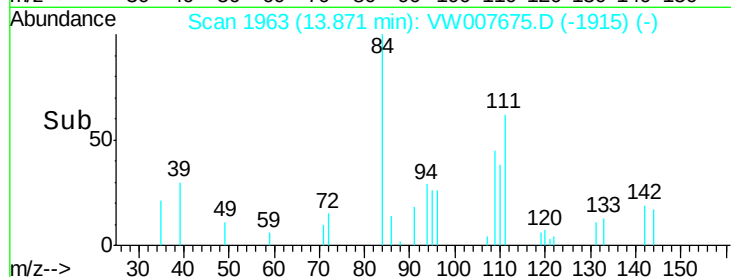
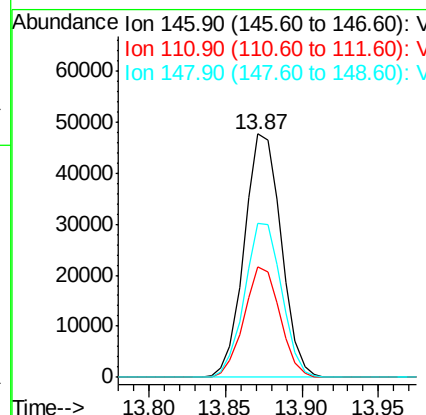
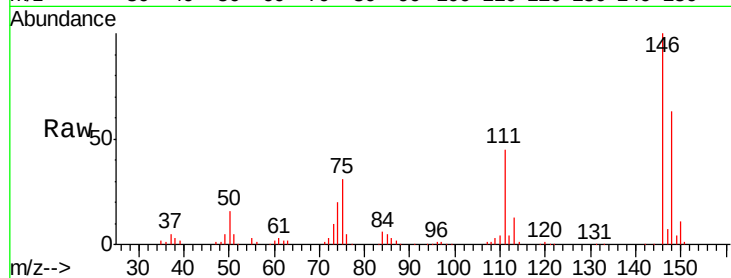
#91
 1,2-Dichlorobenzene
 Concen: 54.172 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.2
148	63.8	32.4	97.2

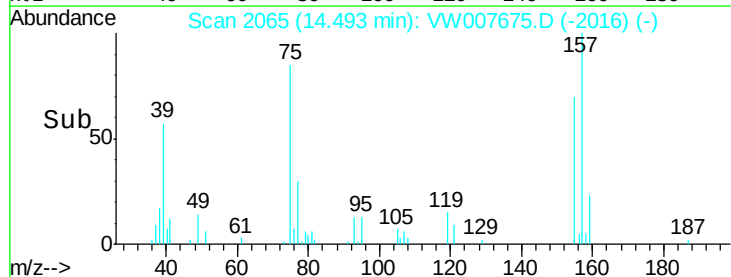
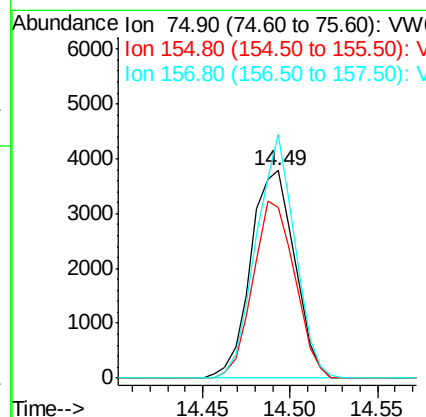
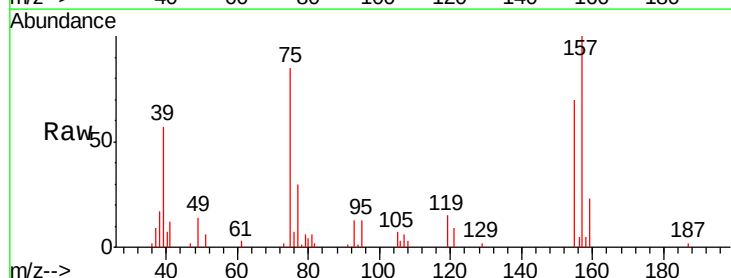
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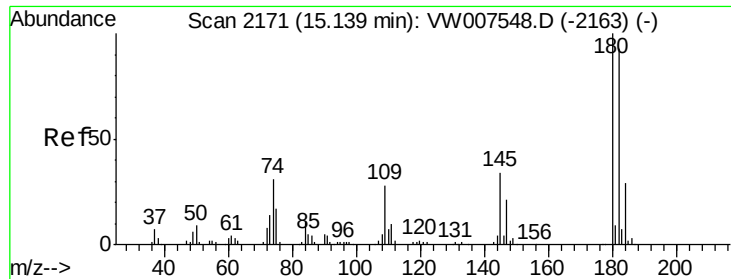
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.927 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.8	122.2
157	103.2	51.1	153.4





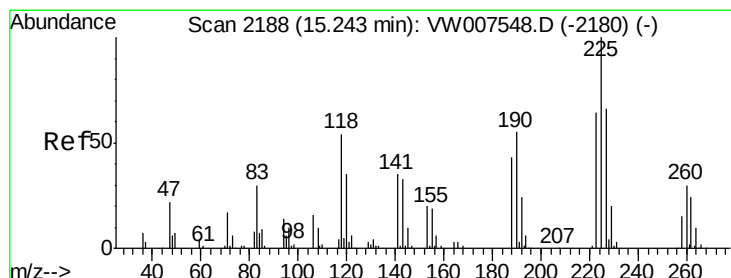
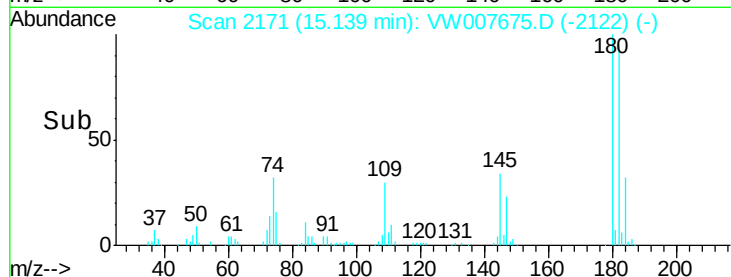
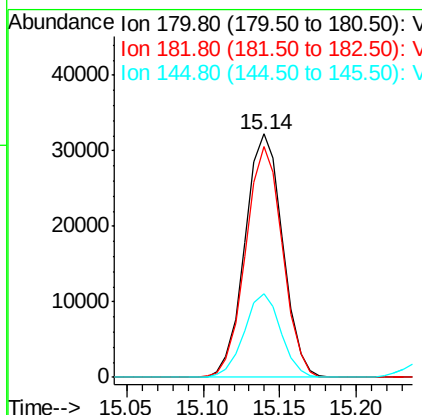
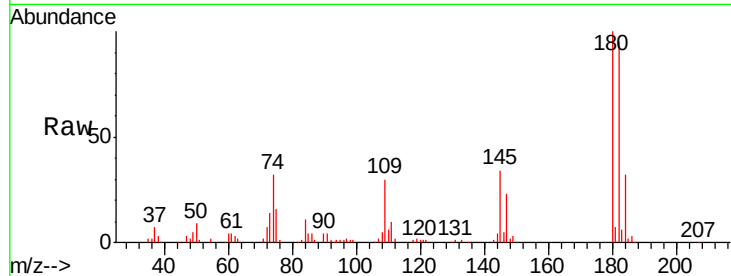
#93
 1,2,4-Trichlorobenzene
 Concen: 54.540 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	49.9	149.6
145	33.5	17.8	53.4

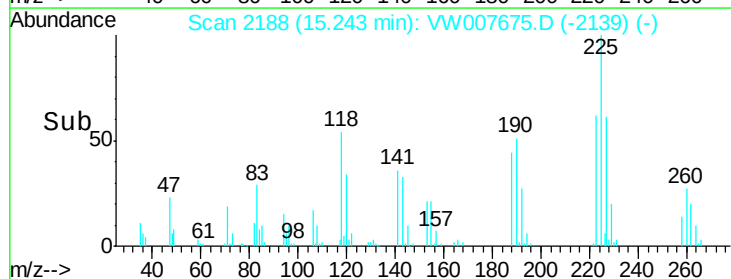
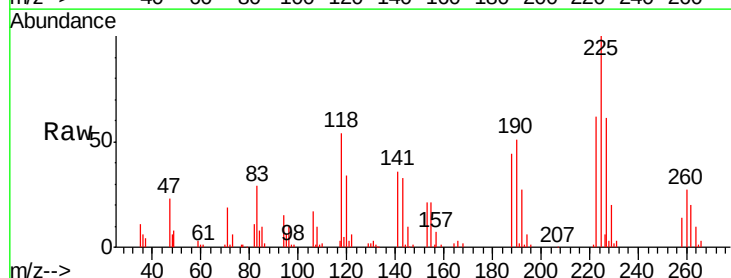
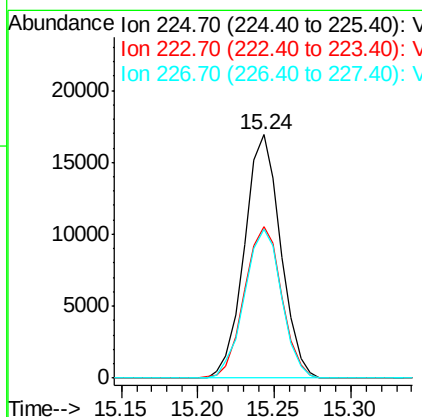
Manual Integrations
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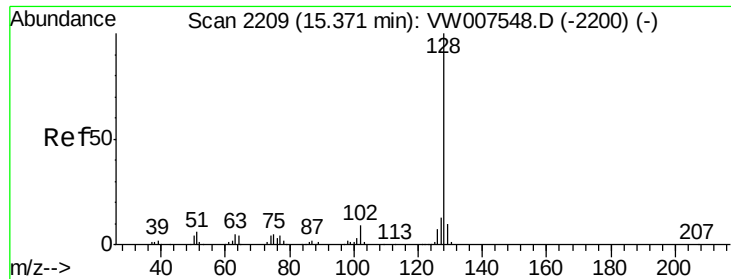
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#94
 Hexachlorobutadiene
 Concen: 51.783 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.1	96.3
227	62.4	31.9	95.9





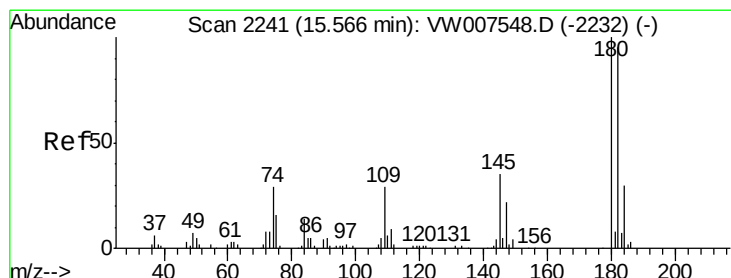
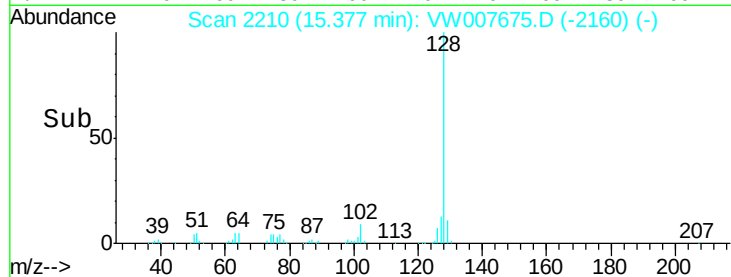
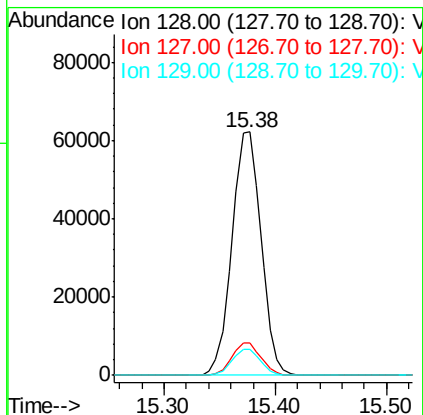
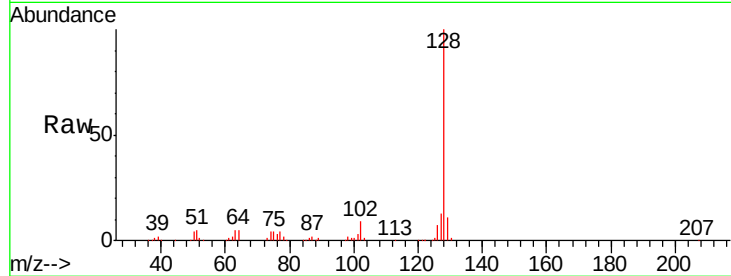
#95
Naphthalene
Concen: 58.064 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	112544		
127	13.5	10.2	15.4	
129	10.6	8.3	12.5	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.150 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48540		
182	92.4	45.6	136.7	
145	34.9	17.5	52.5	

