

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007598.D
 Acq On : 15 Dec 2018 23:03
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2018 4:40:19 PM

Quant Time: Dec 16 02:37:36 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	73339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38626	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.88	113	35798	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.32	98	132372	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.62	95	50126	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	23775	46.390	ug/l	97
3) Chloromethane	2.21	50	17472	40.706	ug/l	100
4) Vinyl Chloride	2.37	62	21647	42.976	ug/l	93
5) Bromomethane	2.78	94	15099	44.615	ug/l	94
6) Chloroethane	2.93	64	12448	44.895	ug/l	95
7) Trichlorofluoromethane	3.25	101	21640	47.786	ug/l	96
8) Diethyl Ether	3.67	74	17791	50.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35609	47.655	ug/l	97
10) Methyl Iodide	4.27	142	58930	47.618	ug/l	98
11) Tert butyl alcohol	5.17	59	13288	237.797	ug/l	98
12) 1,1-Dichloroethene	4.03	96	34665	48.184	ug/l	99
13) Acrolein	3.89	56	8750	236.645	ug/l	99
14) Allyl chloride	4.67	41	48479	45.715	ug/l	98
15) Acrylonitrile	5.36	53	37536	251.218	ug/l	99
16) Acetone	4.12	43	35567	250.263	ug/l	92
17) Carbon Disulfide	4.37	76	100752	46.187	ug/l	100
18) Methyl Acetate	4.67	43	19285	49.997	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	53323	49.132	ug/l	100
20) Methylene Chloride	4.91	84	37417	47.987	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	38140	47.391	ug/l	97
22) Diisopropyl ether	6.31	45	95429	46.817	ug/l	98
23) Vinyl Acetate	6.26	43	277911	243.755	ug/l	98
24) 1,1-Dichloroethane	6.21	63	66501	48.271	ug/l	98
25) 2-Butanone	7.17	43	48020	258.818	ug/l	99
26) 2,2-Dichloropropane	7.16	77	43942	48.195	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	42869	48.647	ug/l	99
28) Bromochloromethane	7.51	49	26145	50.454	ug/l	99
29) Tetrahydrofuran	7.53	42	29371	250.058	ug/l	95
30) Chloroform	7.68	83	73823	49.241	ug/l	99
31) Cyclohexane	7.95	56	54985	43.502	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	64893	49.359	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55670	49.770	ug/l	99
37) Ethyl Acetate	7.25	43	20115	48.350	ug/l	99
38) Carbon Tetrachloride	8.07	117	62161	51.074	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67782	50.044	ug/l	92
40) Benzene	8.32	78	154018	49.616	ug/l	98
41) Methacrylonitrile	7.49	41	12438	52.501	ug/l	95
42) 1,2-Dichloroethane	8.40	62	50131	51.410	ug/l	99
43) Isopropyl Acetate	8.43	43	41579	50.596	ug/l	99
44) Trichloroethene	9.09	130	44669	50.392	ug/l	100
45) 1,2-Dichloropropane	9.37	63	35304	49.146	ug/l	96
46) Dibromomethane	9.46	93	21137	51.814	ug/l	97
47) Bromodichloromethane	9.65	83	53758	50.240	ug/l	91
48) Methyl methacrylate	9.44	41	20927	49.584	ug/l	94
49) 1,4-Dioxane	9.45	88	7410	1119.494	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	103868	267.498	ug/l	99
52) Toluene	10.39	92	101004	50.279	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	53865	51.852	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	59727	49.736	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	29879	53.816	ug/l	98
56) Ethyl methacrylate	10.65	69	35396	53.041	ug/l	100
57) 1,3-Dichloropropane	10.93	76	49697	54.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91838	298.428	ug/l	100
59) 2-Hexanone	10.97	43	72358	279.467	ug/l	98
60) Dibromochloromethane	11.13	129	37554	53.598	ug/l	96
61) 1,2-Dibromoethane	11.24	107	29228	53.271	ug/l	96
64) Tetrachloroethene	10.87	164	38661	48.747	ug/l	93
65) Chlorobenzene	11.66	112	116141	50.524	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	41130	50.803	ug/l	99
67) Ethyl Benzene	11.73	91	201688	51.033	ug/l	95
68) m/p-Xylenes	11.84	106	155973	101.518	ug/l	99
69) o-Xylene	12.17	106	73555	51.261	ug/l	98
70) Styrene	12.18	104	121788	52.547	ug/l	98
71) Bromoform	12.35	173	20693	49.936	ug/l	# 97
73) Isopropylbenzene	12.47	105	205274	48.295	ug/l	98
74) N-amyl acetate	12.27	43	37573	48.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	31754	50.441	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	25500m	55.753	ug/l	
77) Bromobenzene	12.75	156	46717	49.586	ug/l	97
78) n-propylbenzene	12.81	91	239185	50.003	ug/l	100
79) 2-Chlorotoluene	12.90	91	140534	48.555	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	179523	50.267	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9772	47.196	ug/l	95
82) 4-Chlorotoluene	12.99	91	146826	48.125	ug/l	97
83) tert-Butylbenzene	13.21	119	155391	49.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	179314	48.791	ug/l	99
85) sec-Butylbenzene	13.39	105	213504	49.700	ug/l	96
86) p-Isopropyltoluene	13.51	119	192909	49.985	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	92091	49.025	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	91717	48.567	ug/l	97
89) n-Butylbenzene	13.83	91	177562	49.630	ug/l	100
90) Hexachloroethane	14.10	117	34030	49.557	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	83470	49.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6269	49.622	ug/l	95

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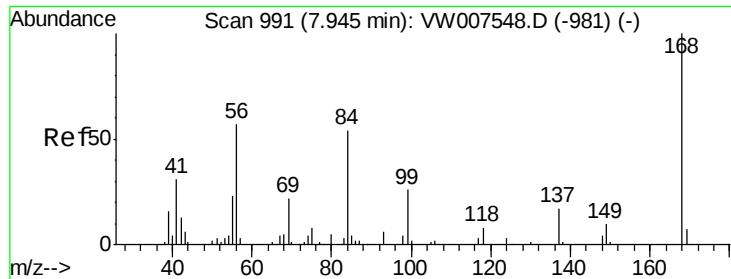
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	56099	48.451	ug/l	95
94) Hexachlorobutadiene	15.24	225	30196	49.152	ug/l	98
95) Naphthalene	15.37	128	112957	50.996	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	48603	48.323	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 73339

Ion Ratio Lower Upper

168 100

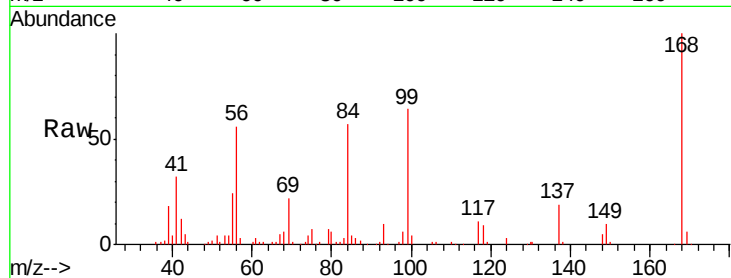
99 64.1 48.3 72.5

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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

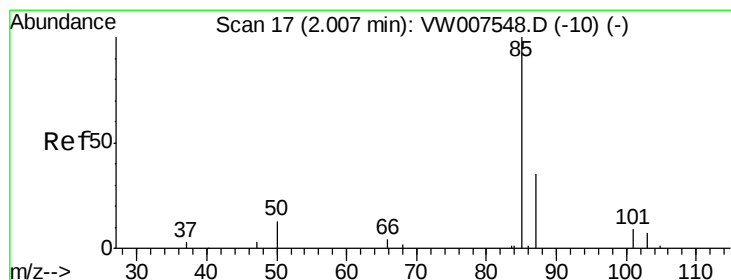
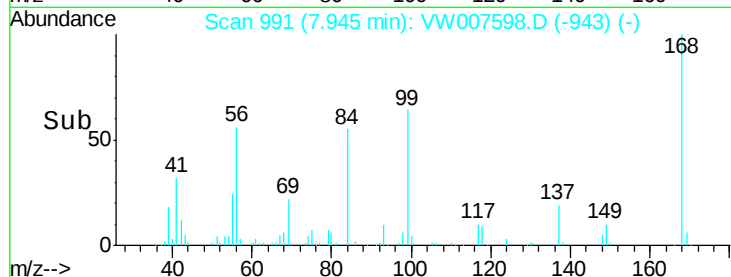
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20000

10000

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Time-->



#2

Dichlorodifluoromethane

Concen: 46.390 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007598.D

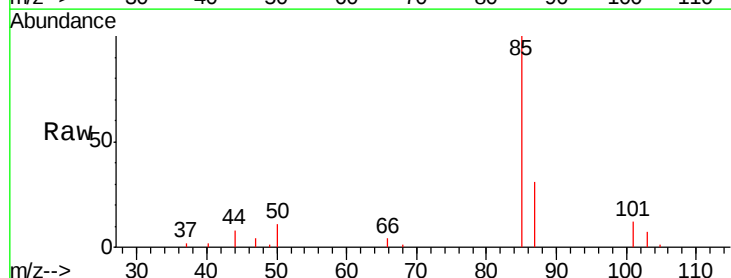
Acq: 15 Dec 2018 23:03

Tgt Ion: 85 Resp: 23775

Ion Ratio Lower Upper

85 100

87 31.3 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

8000

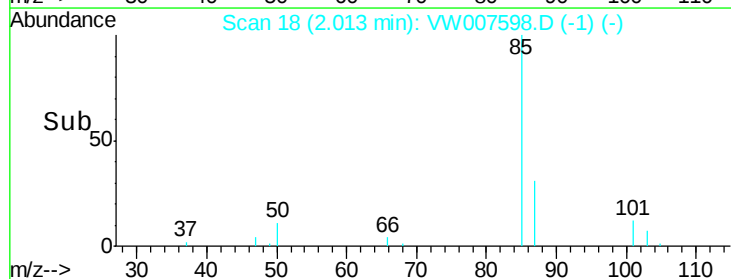
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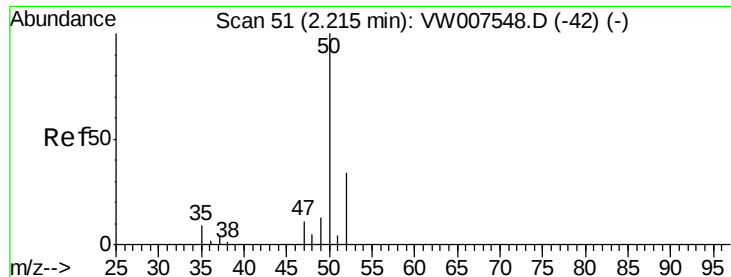
4000

2000

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Time-->





#3

Chloromethane

Concen: 40.706 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 17472

Ion Ratio Lower Upper

50 100

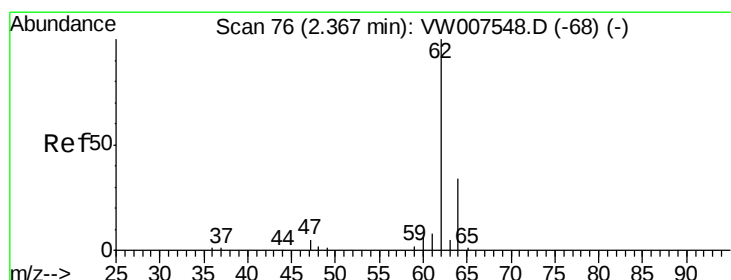
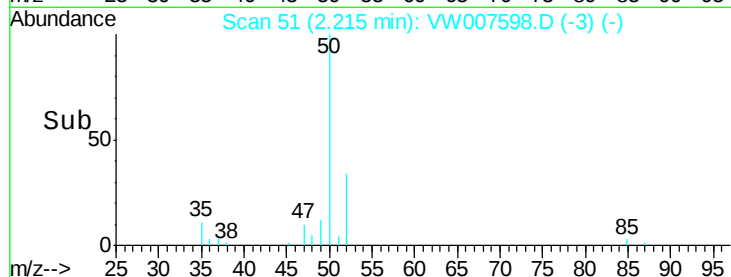
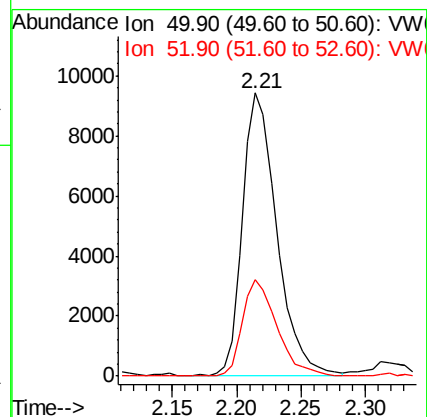
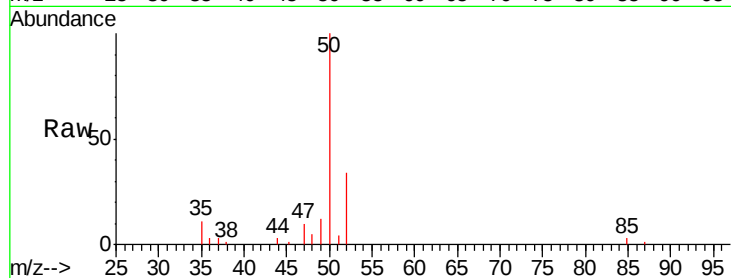
52 34.0 27.4 41.0

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#4

Vinyl Chloride

Concen: 42.976 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007598.D

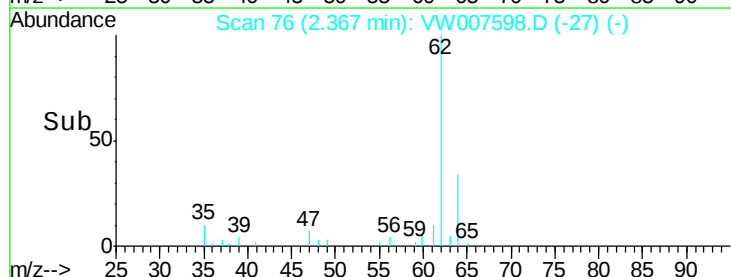
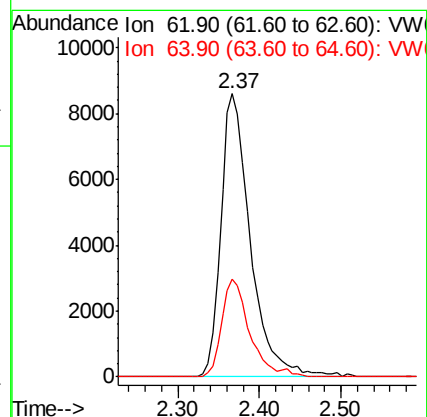
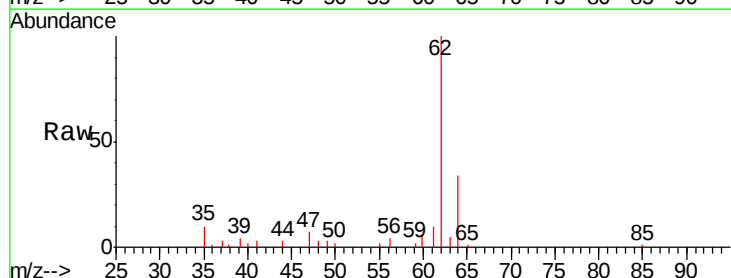
Acq: 15 Dec 2018 23:03

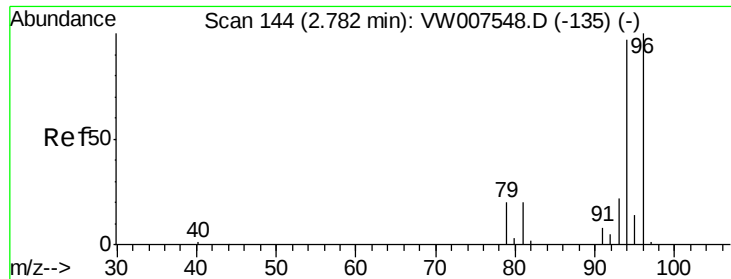
Tgt Ion: 62 Resp: 21647

Ion Ratio Lower Upper

62 100

64 34.5 24.6 37.0





#5

Bromomethane

Concen: 44.615 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 15099

Ion Ratio Lower Upper

94 100

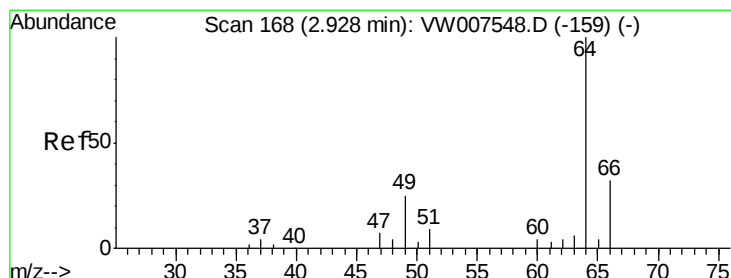
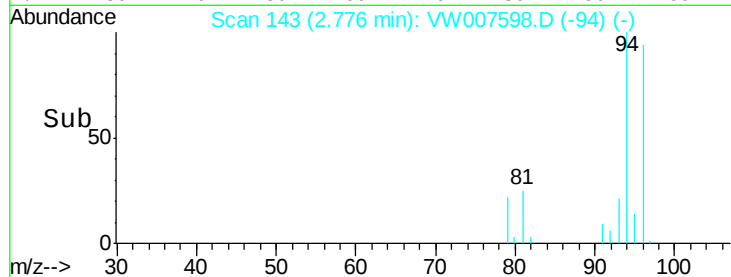
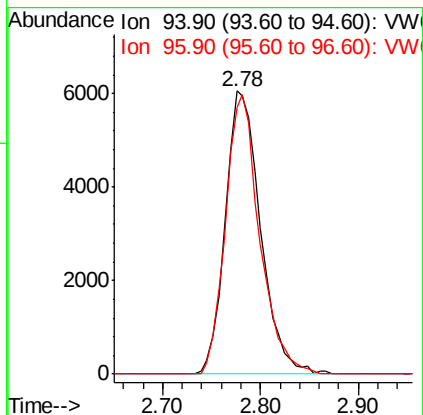
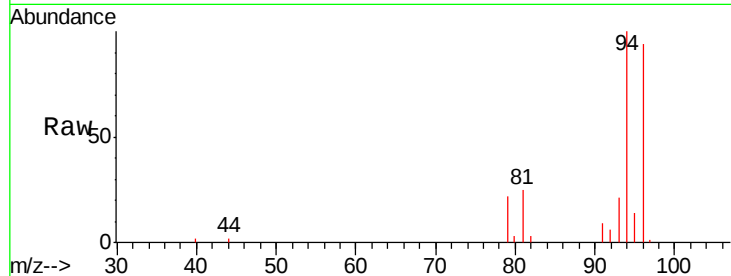
96 94.2 71.0 106.4

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#6

Chloroethane

Concen: 44.895 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007598.D

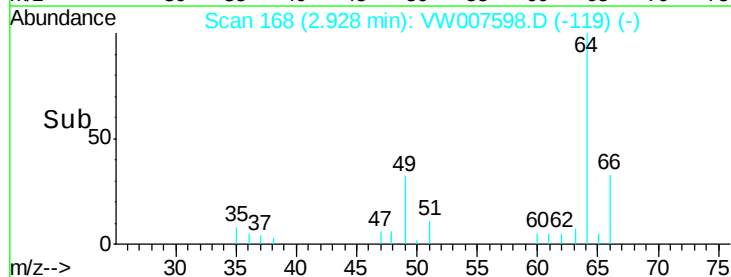
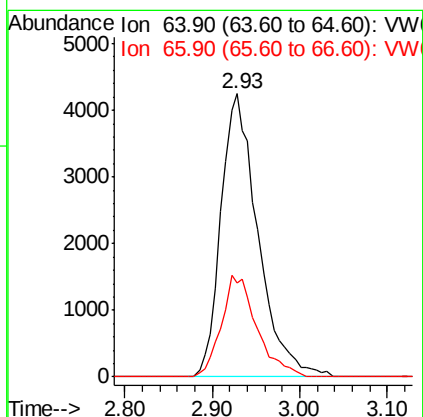
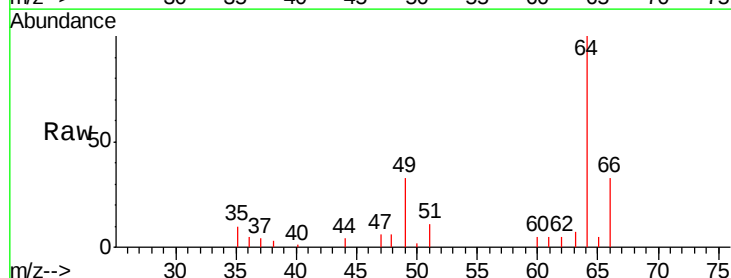
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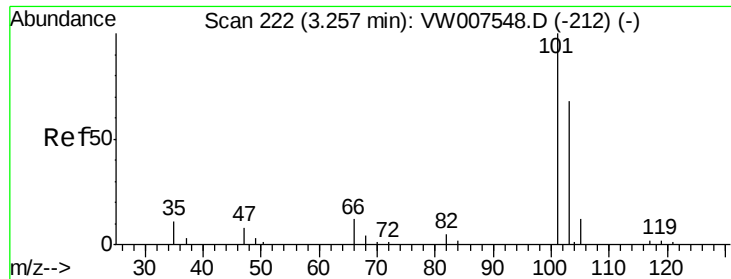
Tgt Ion: 64 Resp: 12448

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0





#7

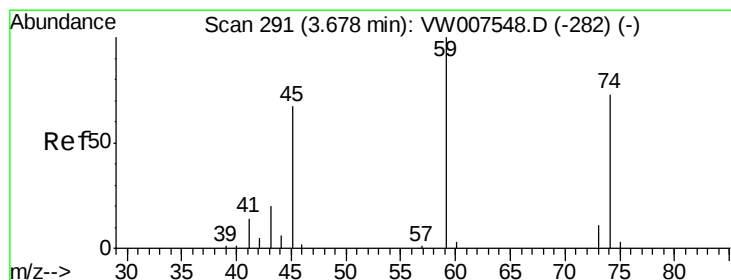
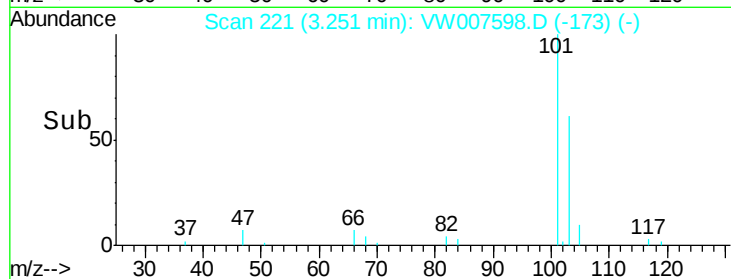
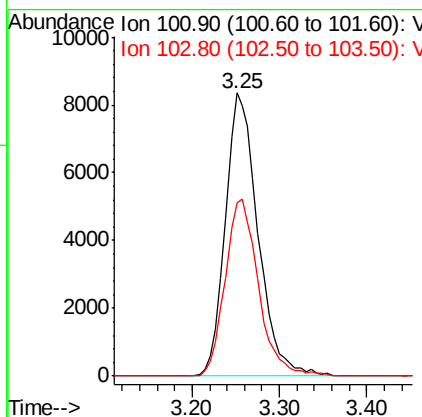
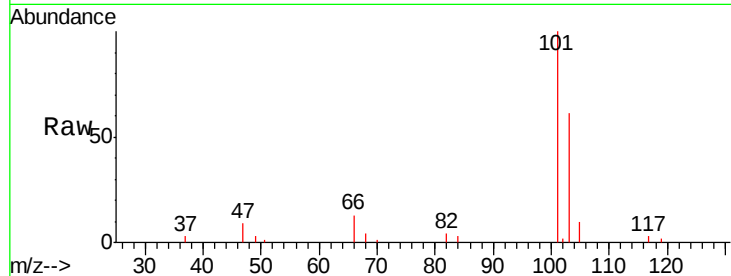
Trichlorofluoromethane
Concen: 47.786 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 21640
Ion Ratio Lower Upper
101 100
103 61.2 51.7 77.5

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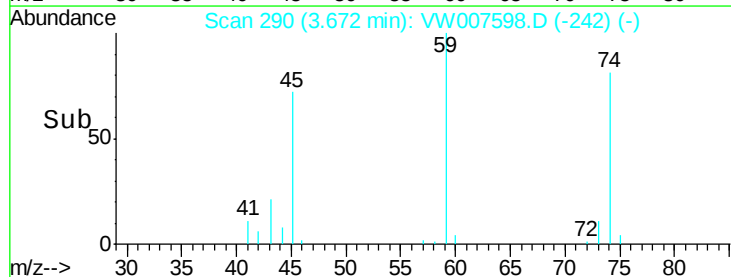
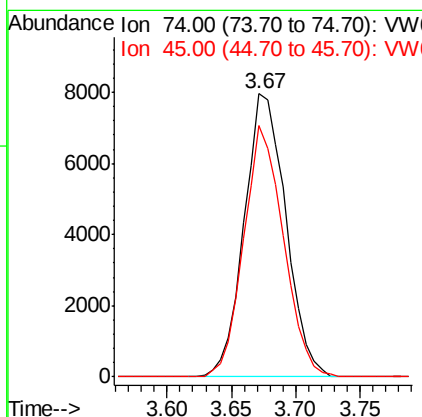
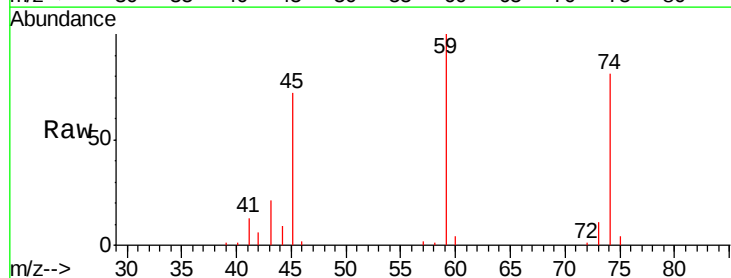
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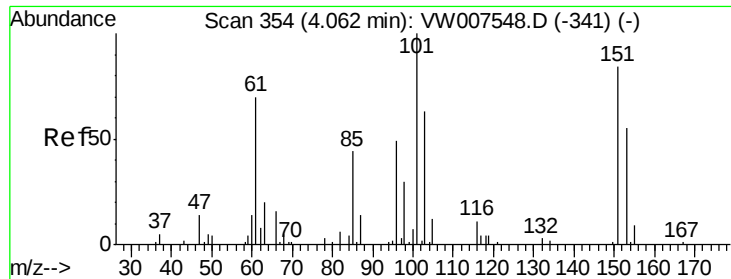


#8

Diethyl Ether
Concen: 50.195 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 74 Resp: 17791
Ion Ratio Lower Upper
74 100
45 84.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.655 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

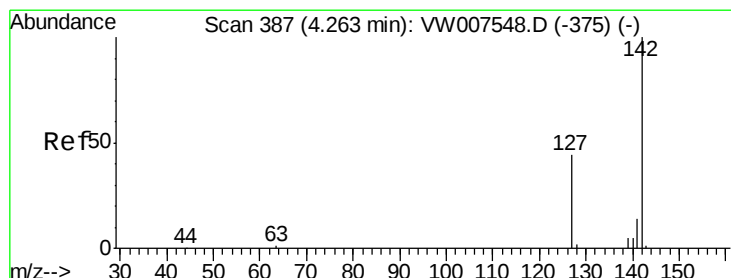
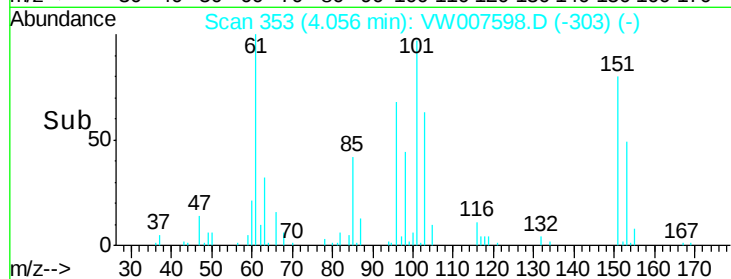
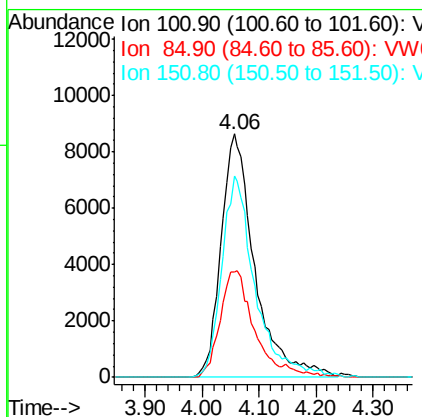
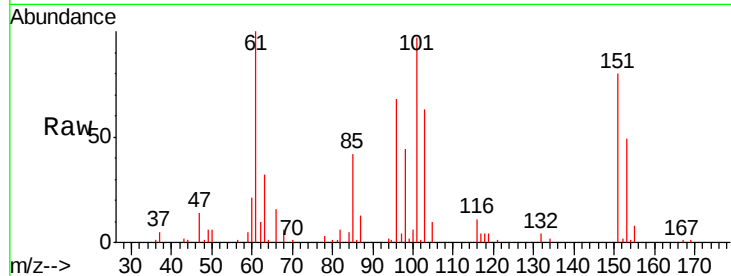
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	35609
Ion Ratio	Lower	Upper	
101	100		
85	45.3	33.9	50.9
151	81.8	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 47.618 ug/l

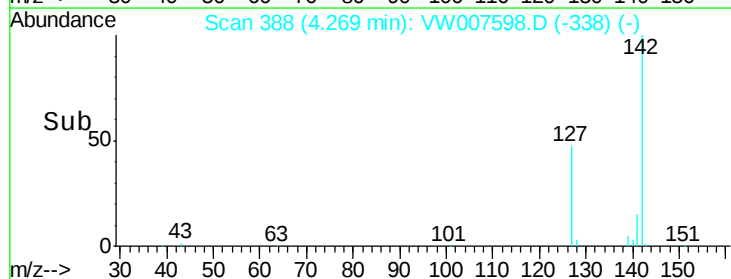
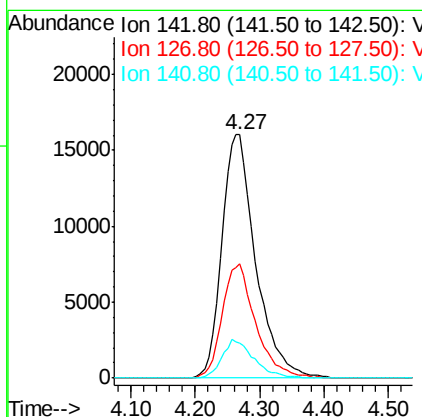
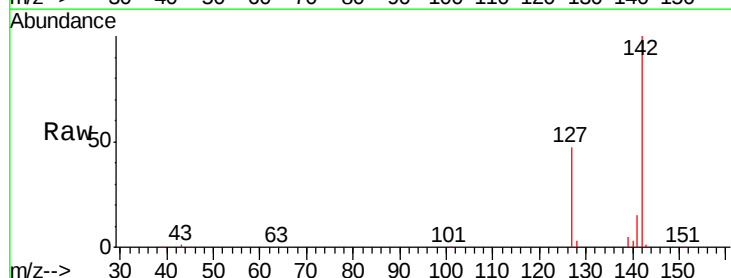
RT: 4.27 min Scan# 388

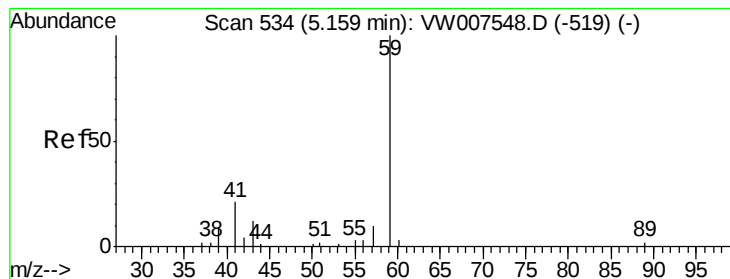
Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	142	Resp:	58930
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.8	53.6
141	15.0	11.1	16.7





#11

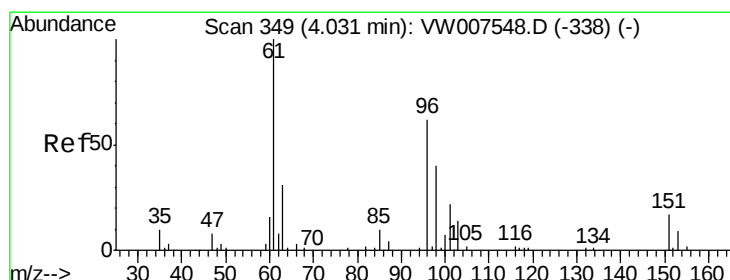
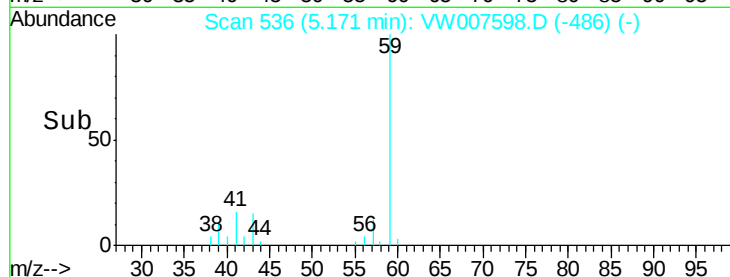
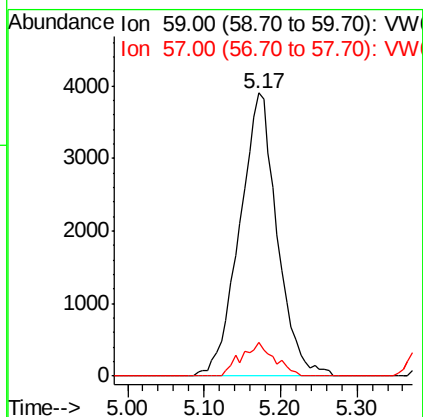
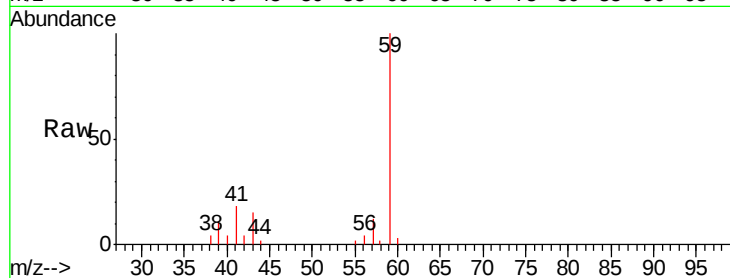
Tert butyl alcohol
 Concen: 237.797 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 59 Resp: 13288
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.6 11.4

Manual Integrations
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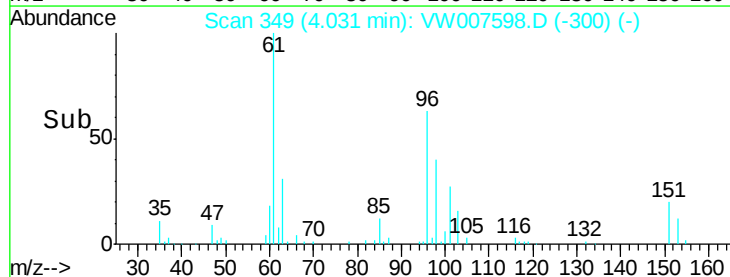
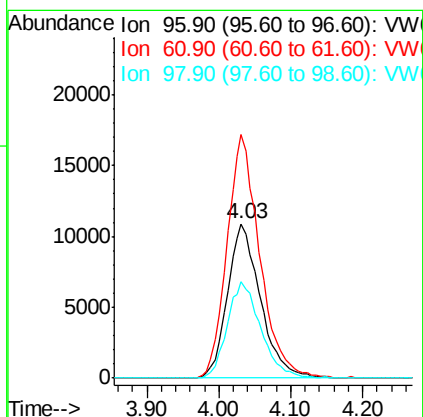
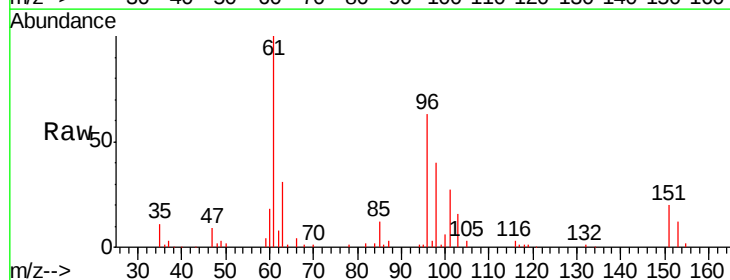
apatel
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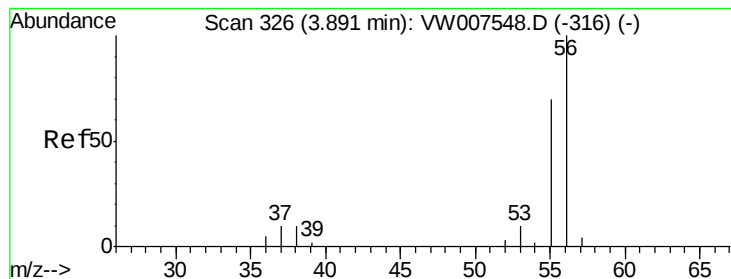


#12

1,1-Dichloroethene
 Concen: 48.184 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 96 Resp: 34665
 Ion Ratio Lower Upper
 96 100
 61 157.8 126.2 189.2
 98 62.3 48.3 72.5





#13

Acrolein

Concen: 236.645 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8750

Ion Ratio Lower Upper

56 100

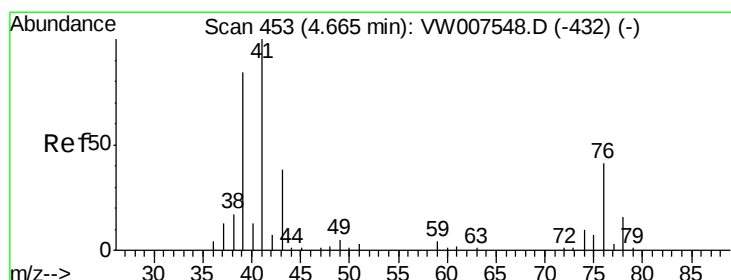
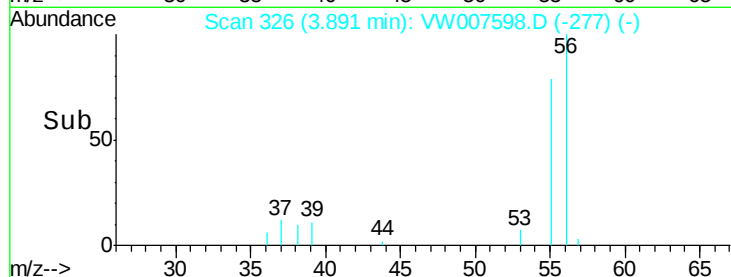
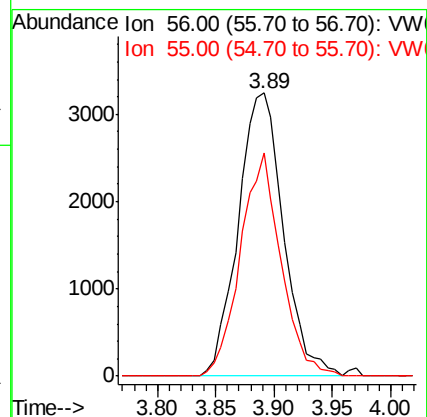
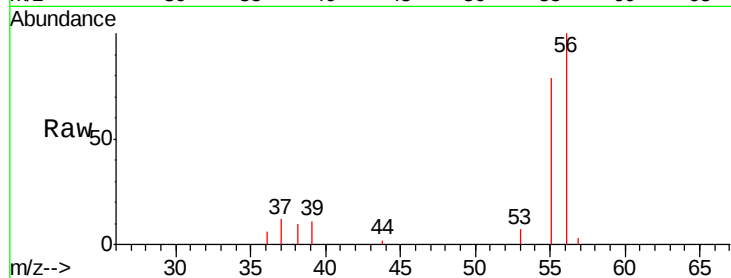
55 70.8 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.715 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

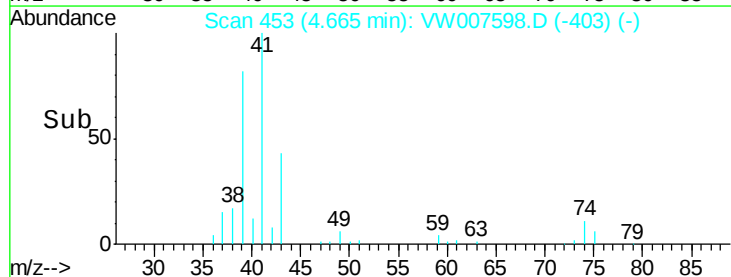
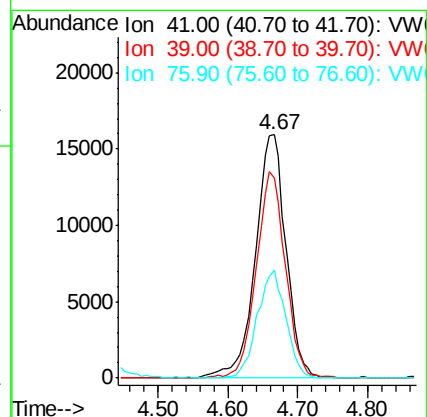
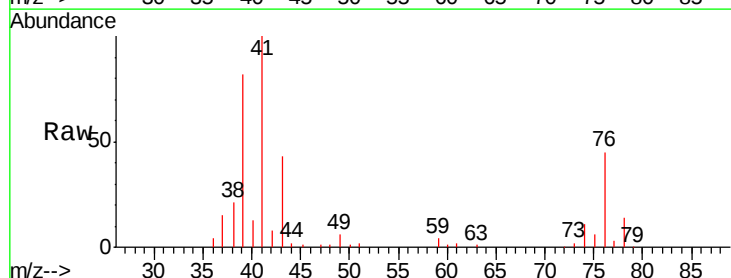
Tgt Ion: 41 Resp: 48479

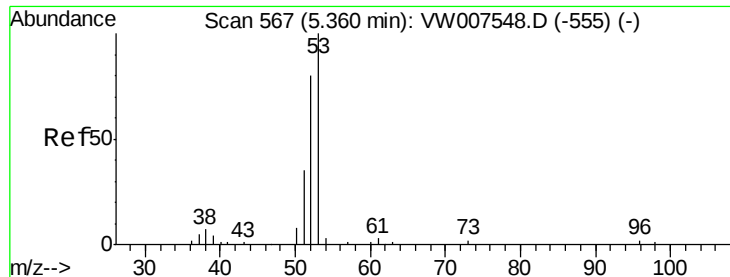
Ion Ratio Lower Upper

41 100

39 81.0 63.4 95.2

76 41.3 32.1 48.1





#15

Acrylonitrile

Concen: 251.218 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

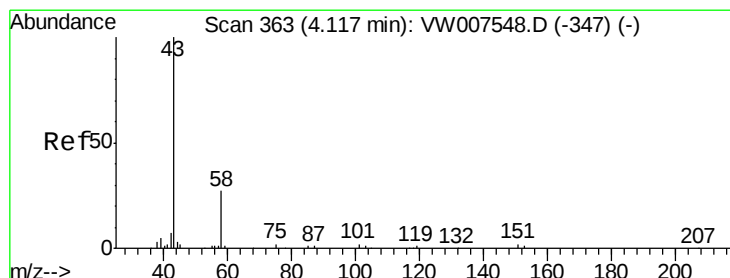
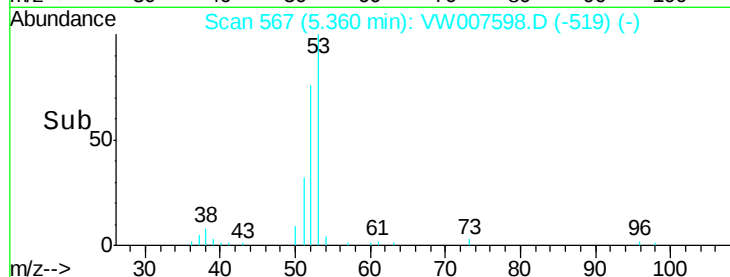
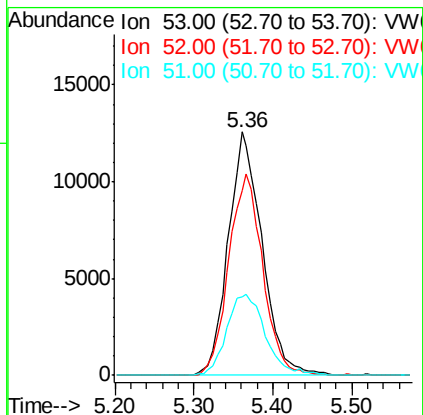
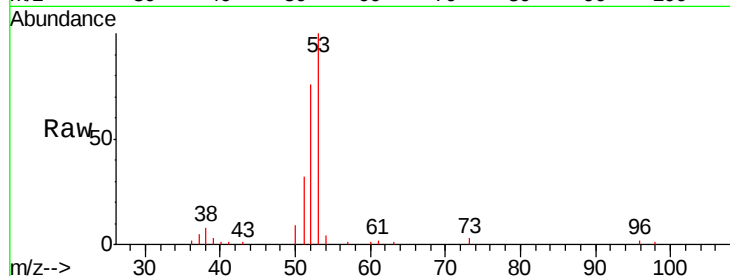
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	37536
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.4	101.2
51	38.0	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 250.263 ug/l

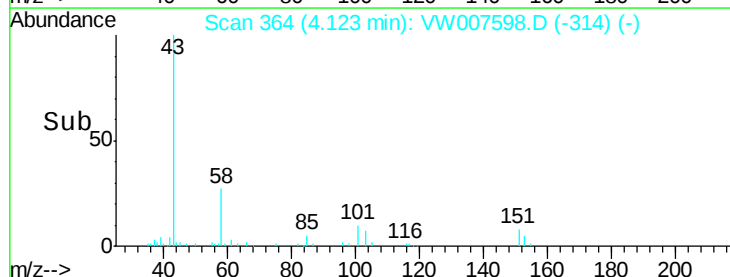
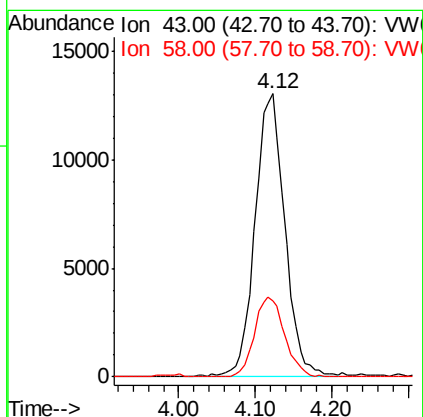
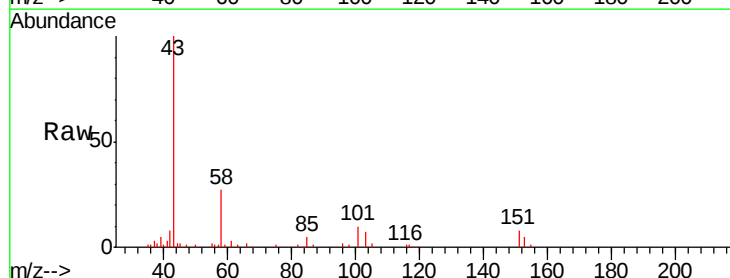
RT: 4.12 min Scan# 364

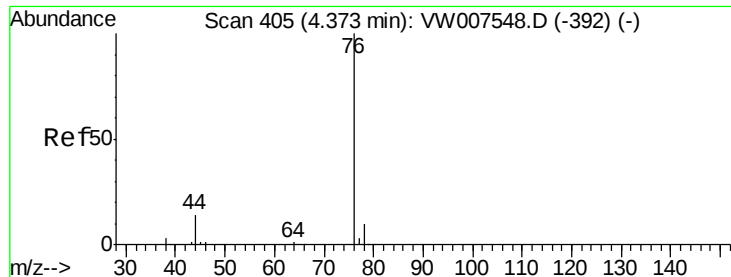
Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	43	Resp:	35567
Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.9	37.3





#17

Carbon Disulfide

Concen: 46.187 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 100752

Ion Ratio Lower Upper

76 100

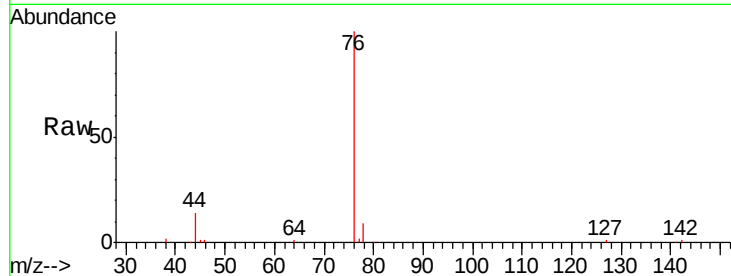
78 9.1 7.1 10.7

Manual Integrations

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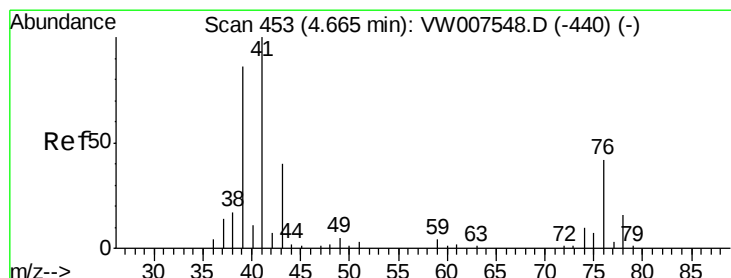
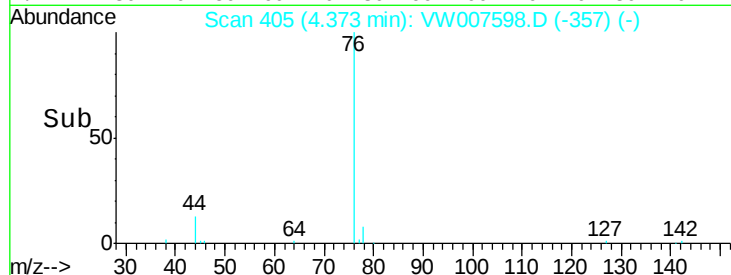
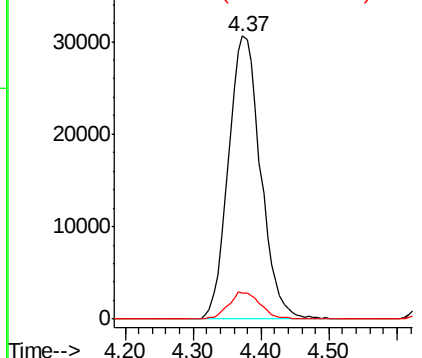
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 49.997 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007598.D

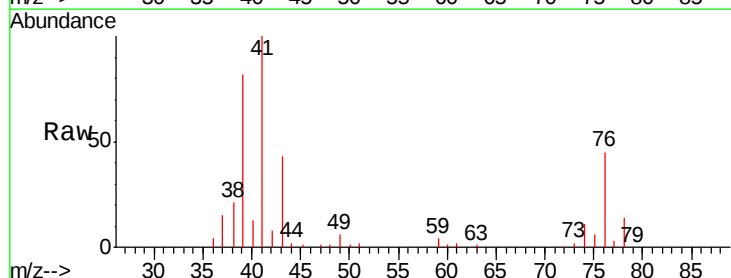
Acq: 15 Dec 2018 23:03

Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

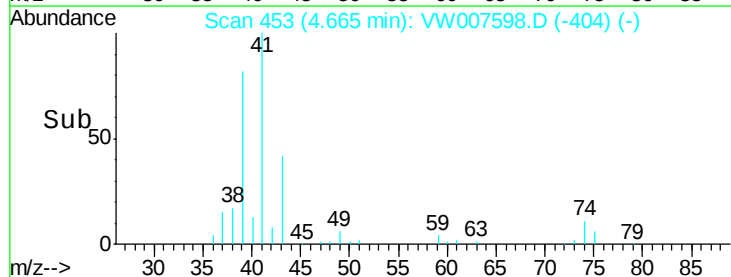
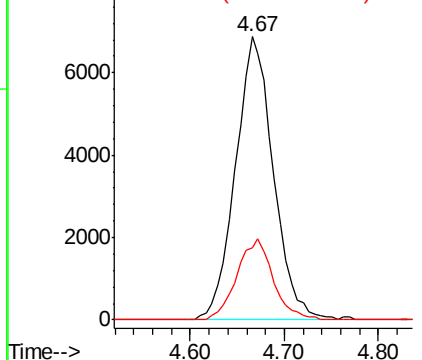
43 100

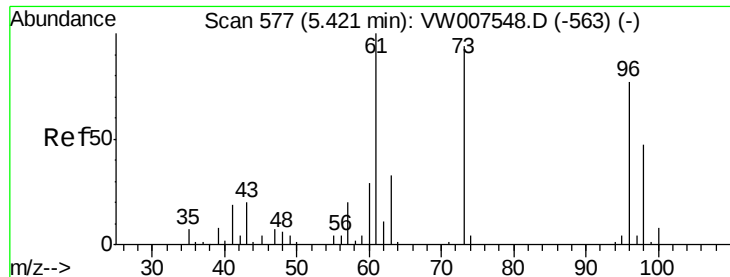
74 27.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





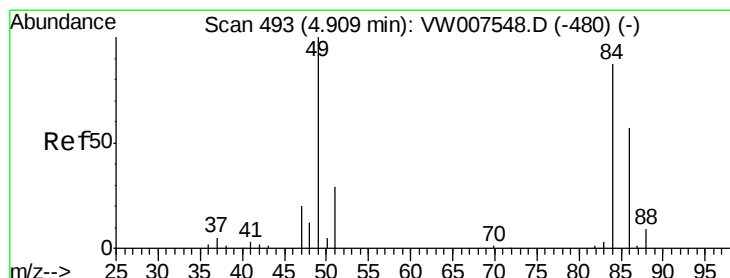
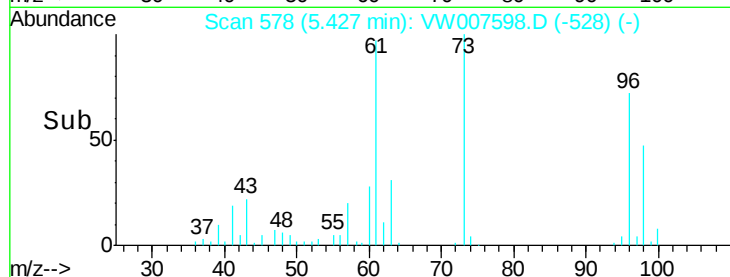
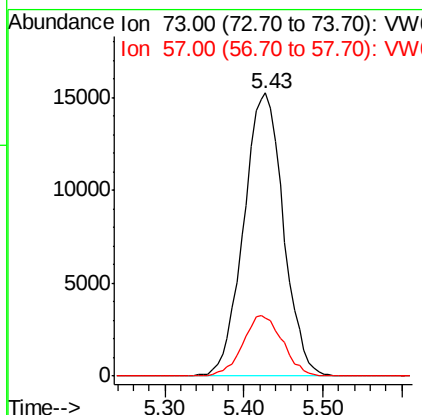
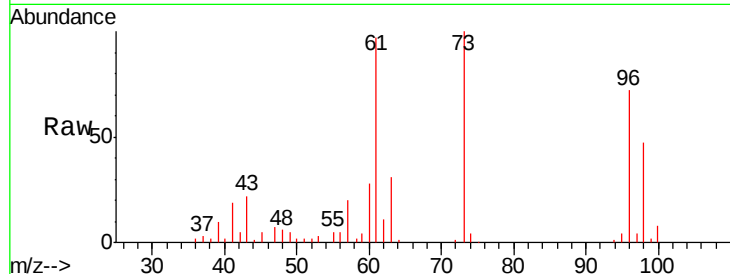
#19
Methyl tert-butyl Ether
Concen: 49.132 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 53323
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

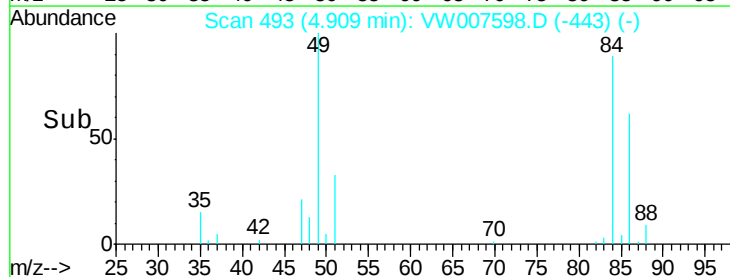
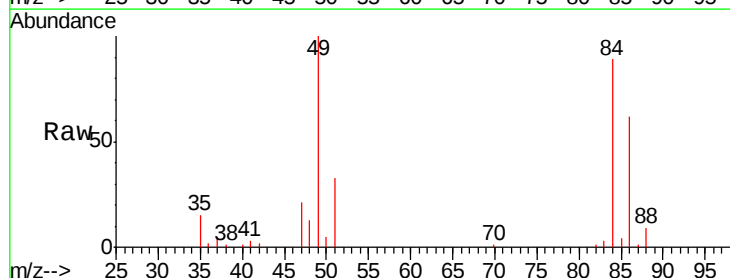
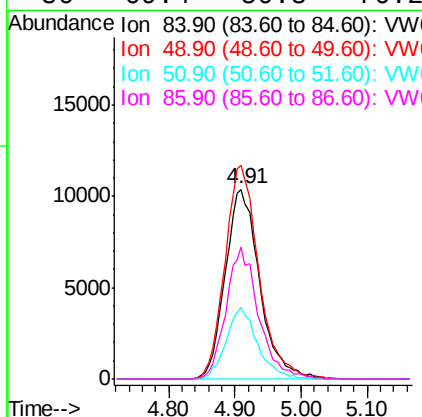
Manual Integrations
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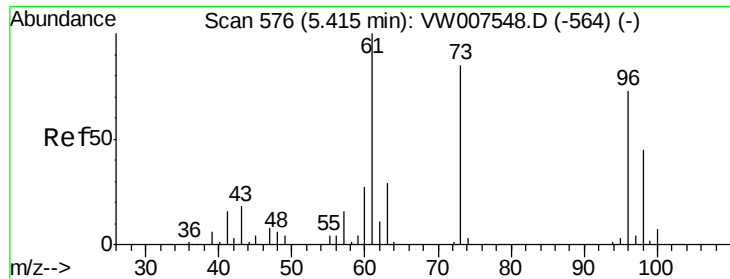
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#20
Methylene Chloride
Concen: 47.987 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 84 Resp: 37417
Ion Ratio Lower Upper
84 100
49 112.5 87.1 130.7
51 37.5 28.2 42.2
86 69.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.391 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

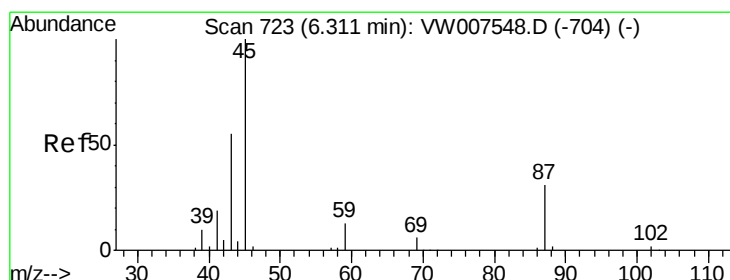
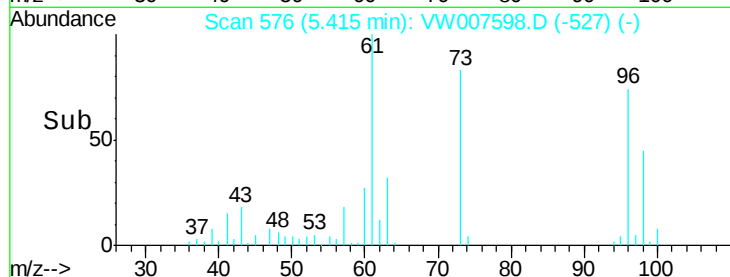
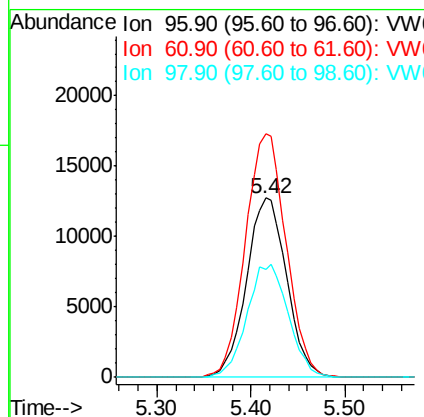
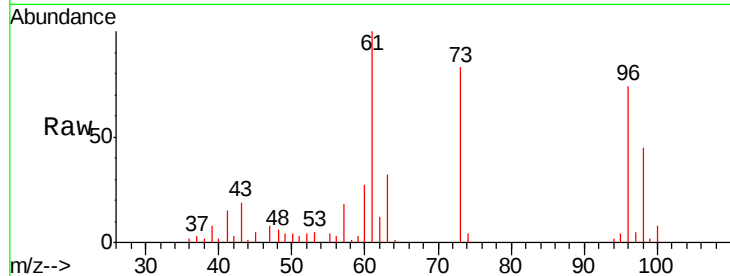
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	38140
Ion	Ratio	Lower	Upper
96	100		
61	135.7	105.0	157.6
98	60.5	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.817 ug/l

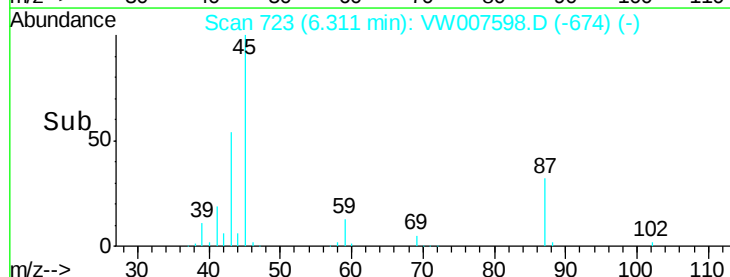
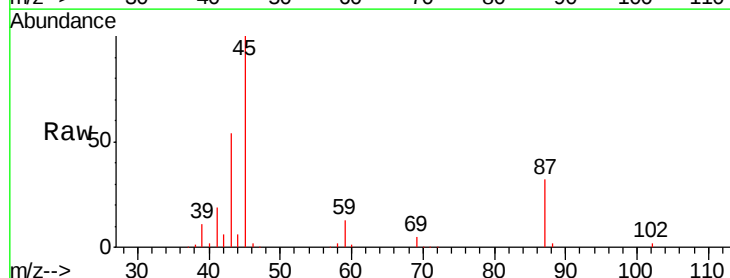
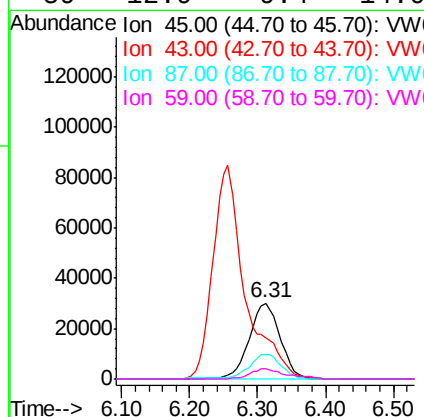
RT: 6.31 min Scan# 723

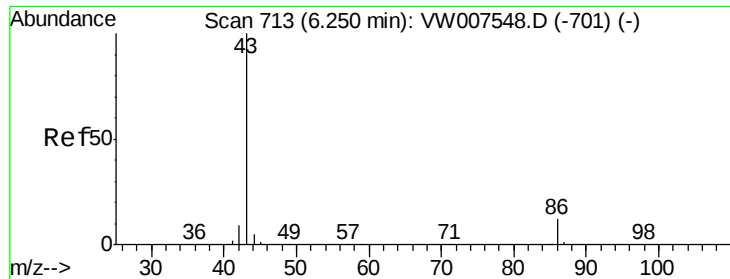
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	45	Resp:	95429
Ion	Ratio	Lower	Upper
45	100		
43	53.2	41.6	62.4
87	31.8	24.3	36.5
59	12.9	9.4	14.0





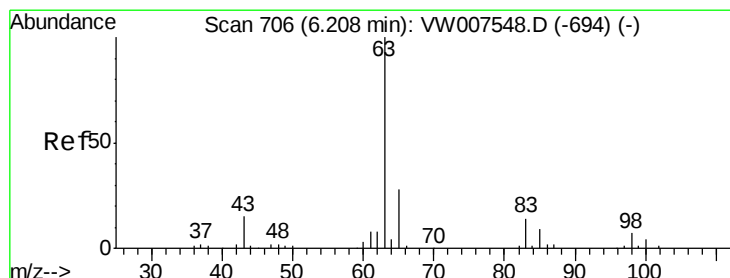
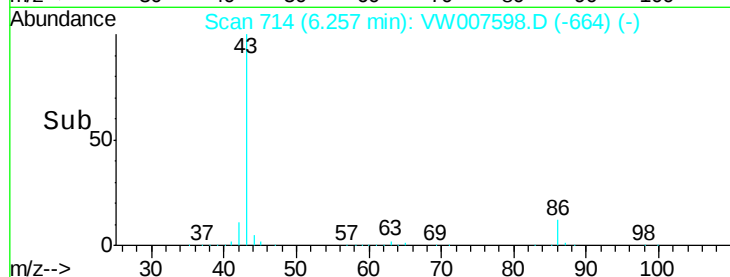
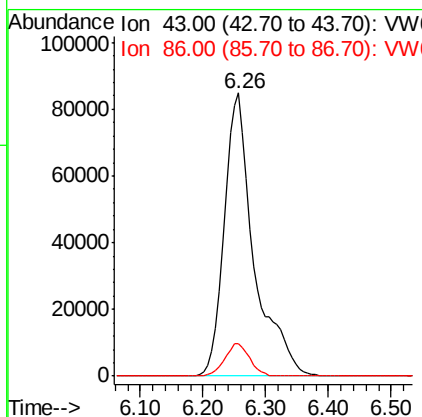
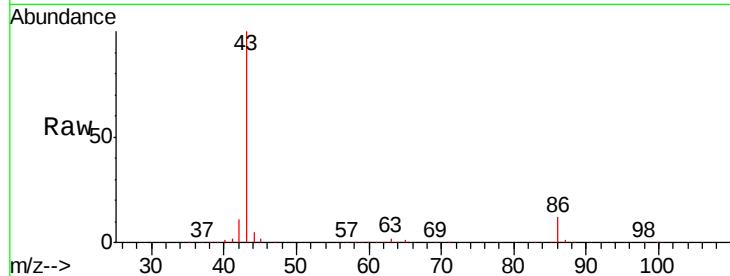
#23
 Vinyl Acetate
 Concen: 243.755 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	277911		
86	11.6		8.6	12.8

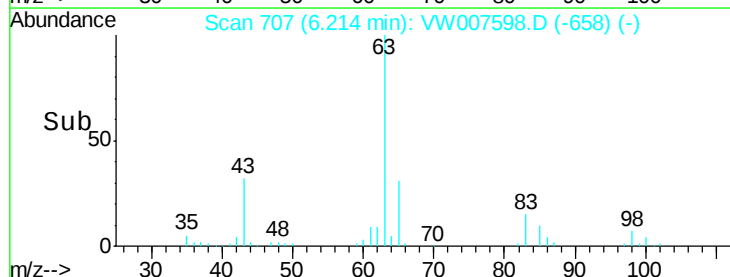
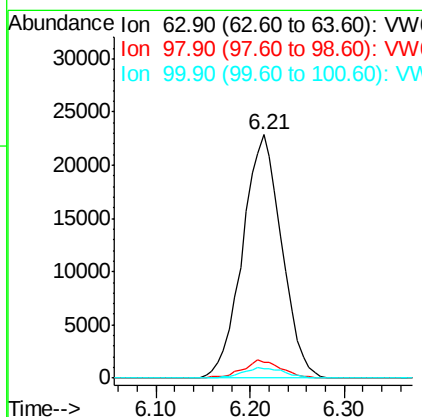
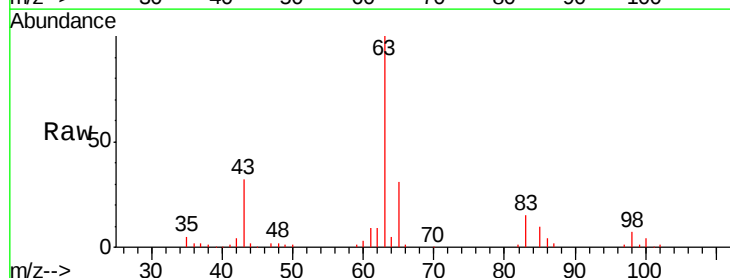
Manual Integrations
 APPROVED

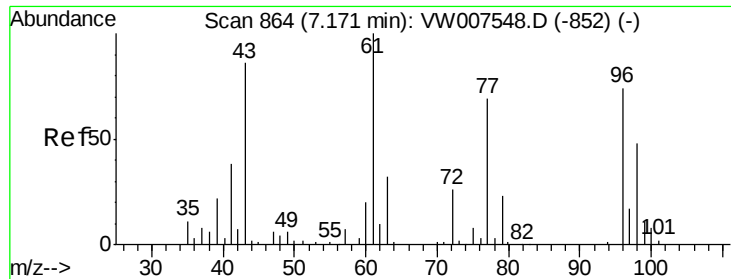
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#24
 1,1-Dichloroethane
 Concen: 48.271 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	66501		
98	6.7		3.5	10.4
100	3.7		2.5	7.5





#25

2-Butanone

Concen: 258.818 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 48020

Ion Ratio Lower Upper

43 100

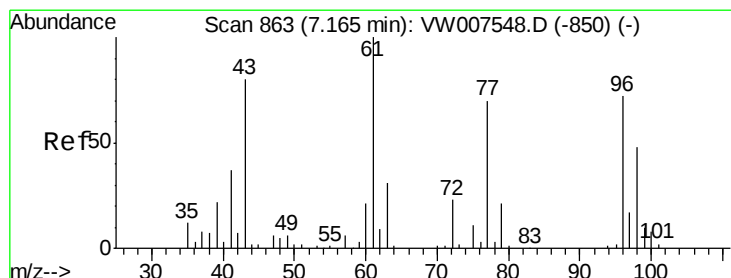
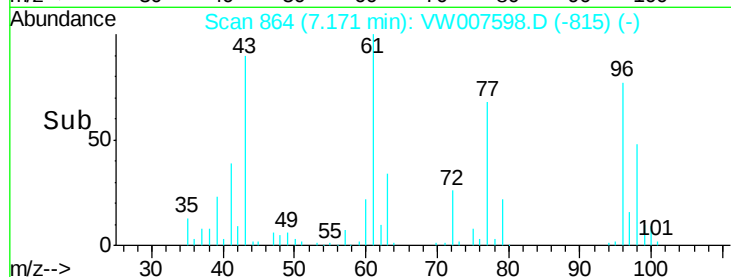
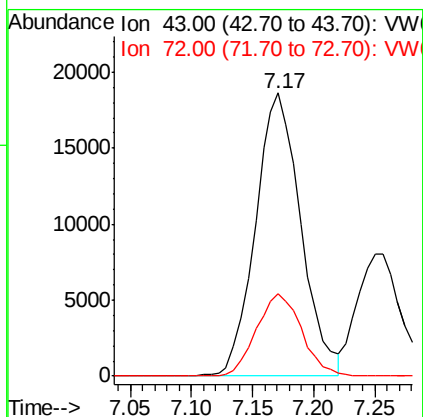
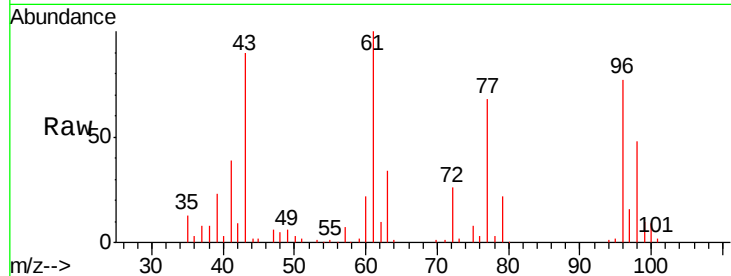
72 29.0 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.195 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007598.D

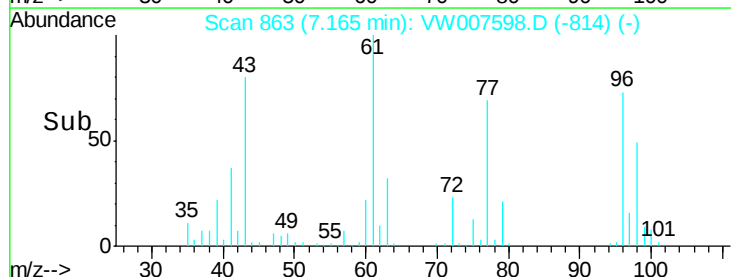
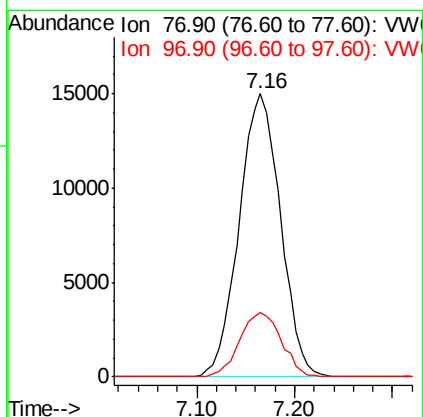
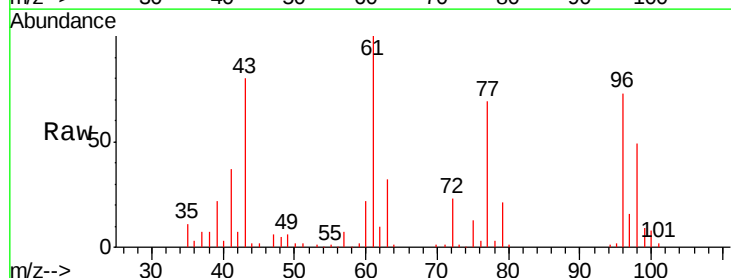
Acq: 15 Dec 2018 23:03

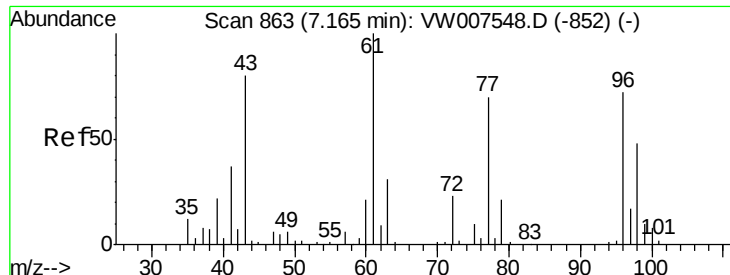
Tgt Ion: 77 Resp: 43942

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





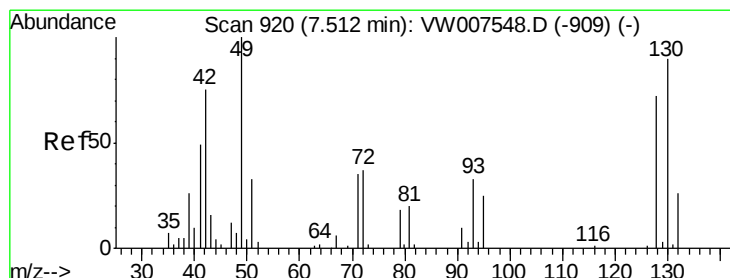
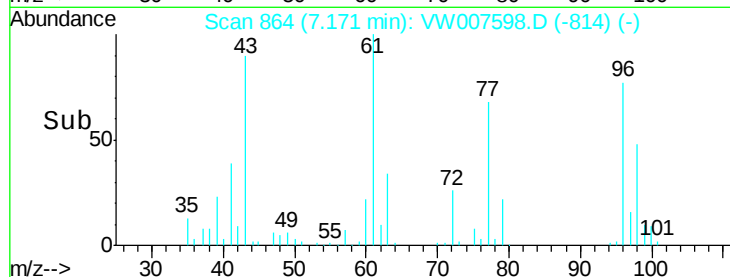
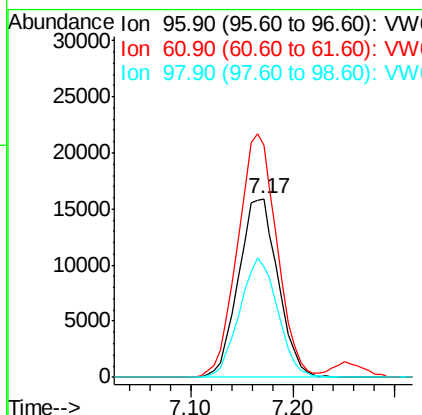
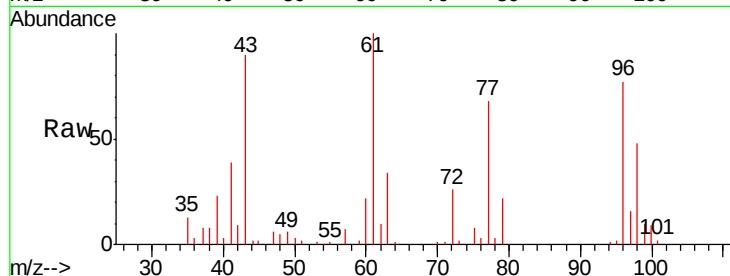
#27
 cis-1,2-Dichloroethene
 Concen: 48.647 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 42869
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 268.4
 98 64.4 0.0 127.8

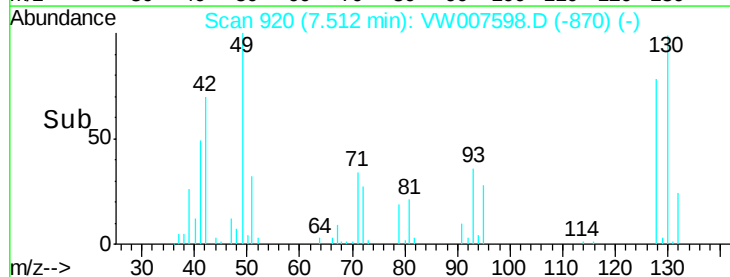
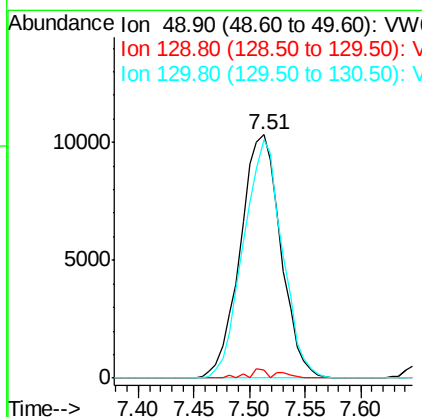
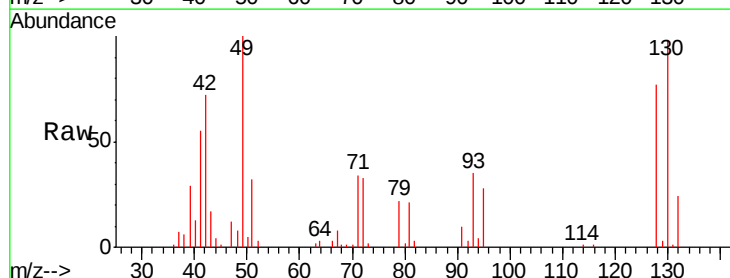
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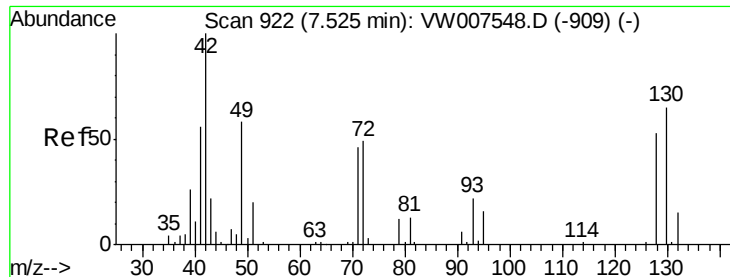
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#28
 Bromochloromethane
 Concen: 50.454 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 49 Resp: 26145
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 94.1 75.9 113.9





#29

Tetrahydrofuran

Concen: 250.058 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

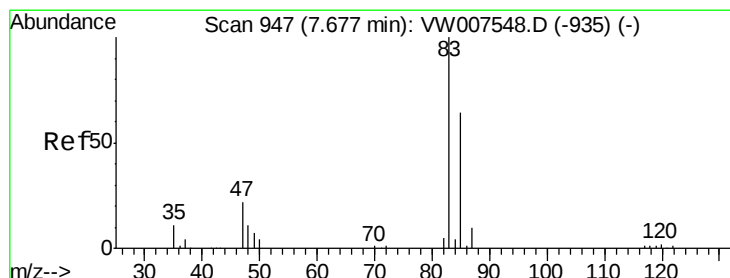
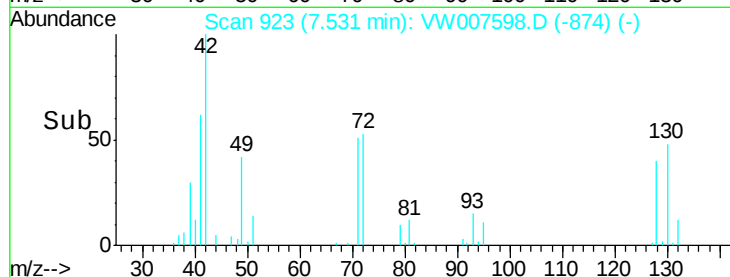
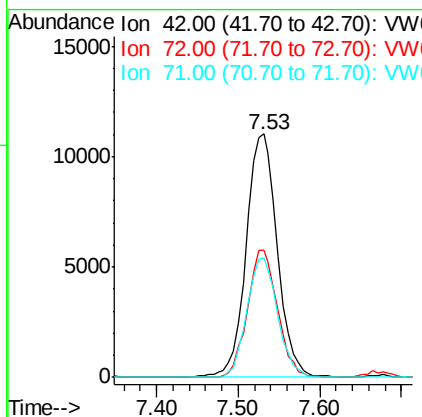
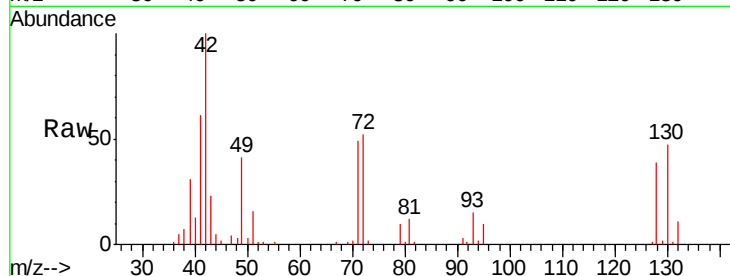
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	29371
Ion Ratio		Lower	Upper
42	100		
72	50.4	38.2	57.4
71	48.1	35.5	53.3

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#30

Chloroform

Concen: 49.241 ug/l

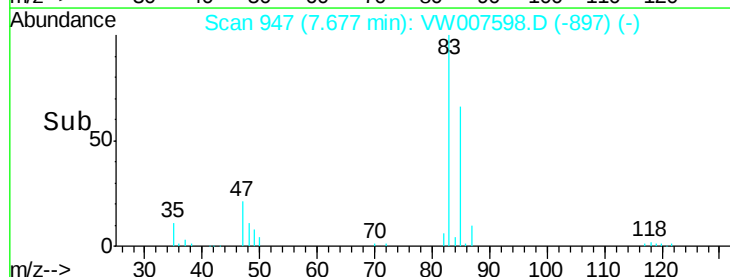
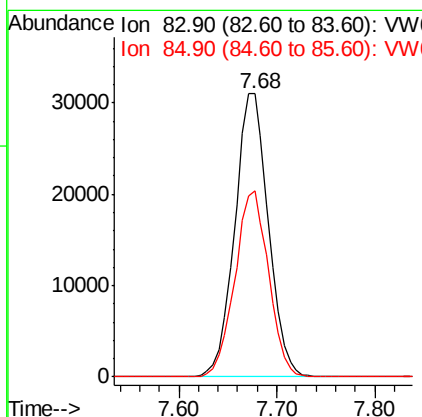
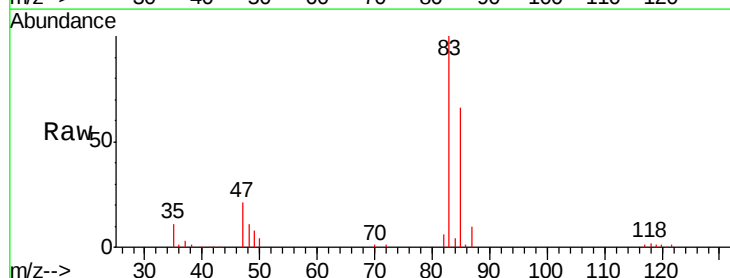
RT: 7.68 min Scan# 947

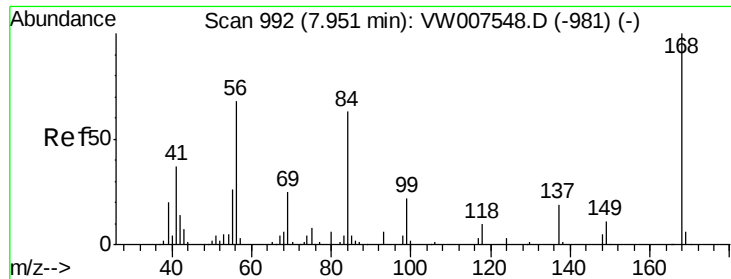
Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	83	Resp:	73823
Ion Ratio		Lower	Upper
83	100		
85	65.8	51.8	77.8





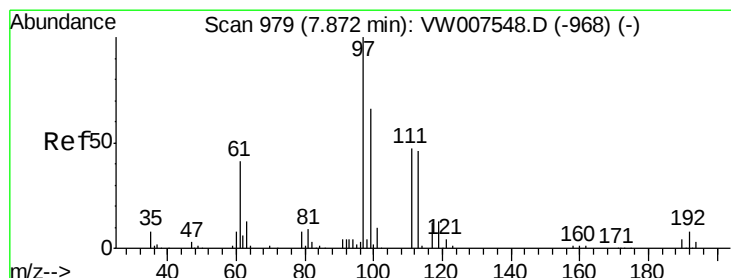
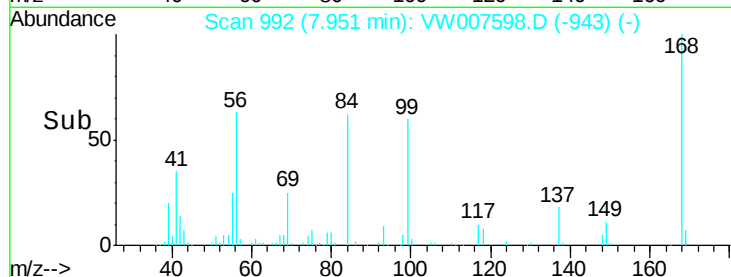
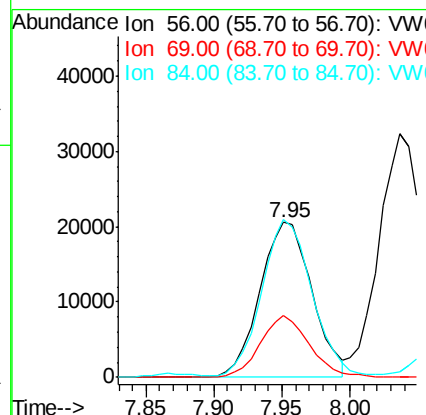
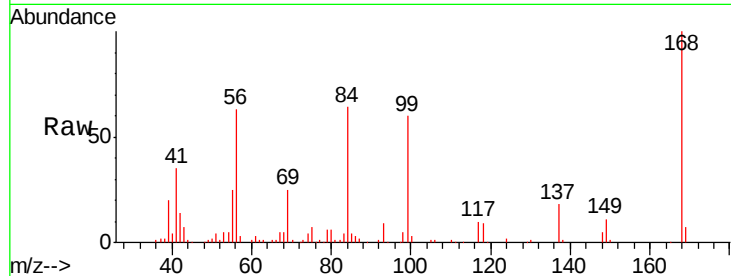
#31
Cyclohexane
Concen: 43.502 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 54985
Ion Ratio Lower Upper
56 100
69 39.8 28.9 43.3
84 100.1 71.8 107.6

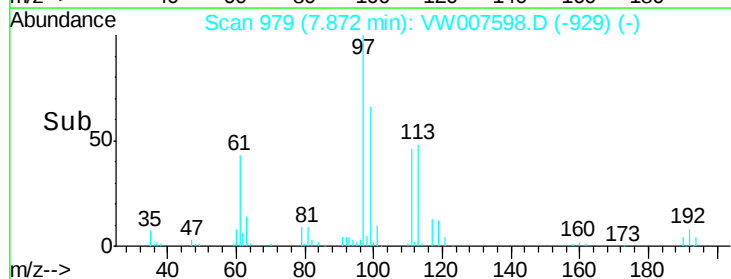
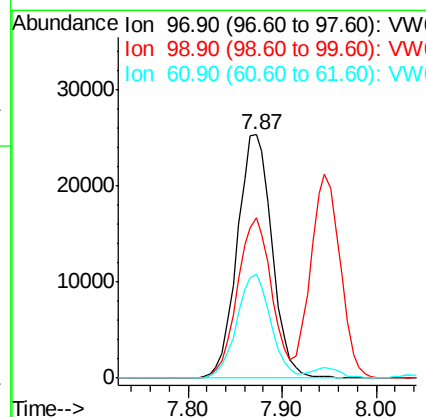
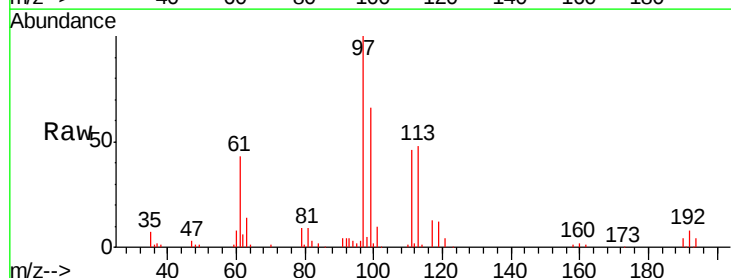
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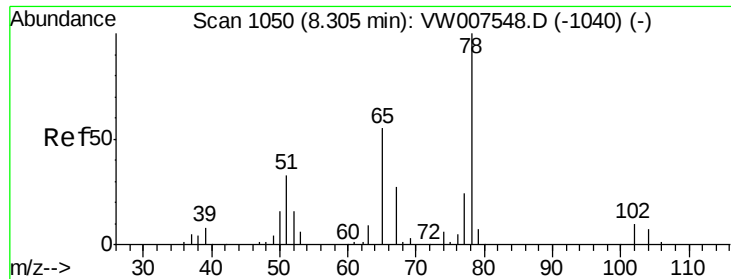
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#32
1,1,1-Trichloroethane
Concen: 49.359 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 97 Resp: 64893
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 41.8 33.2 49.8





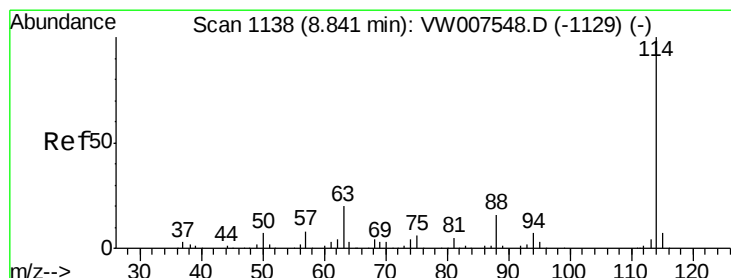
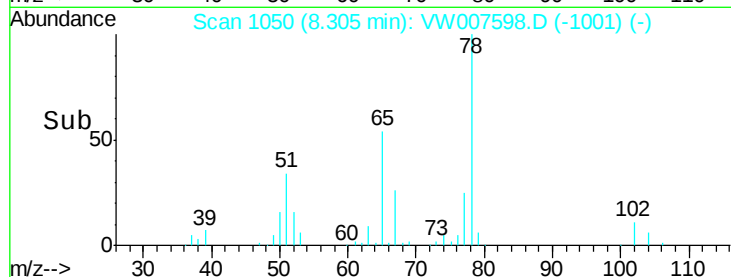
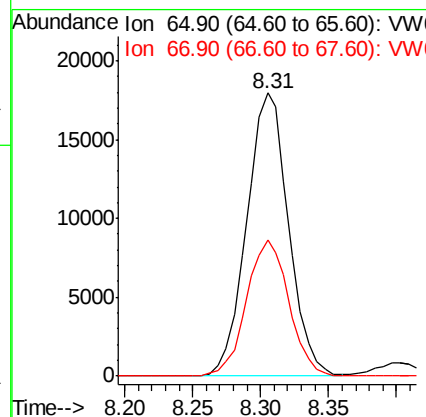
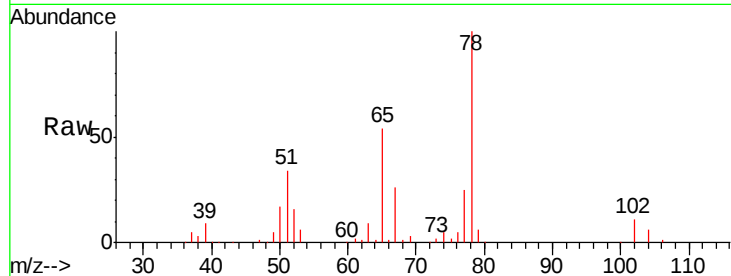
#33
 1,2-Dichloroethane-d4
 Concen: 47.473 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	38626		
67	48.6	0.0	101.6	

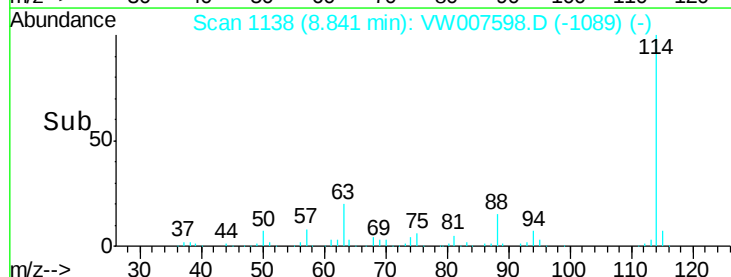
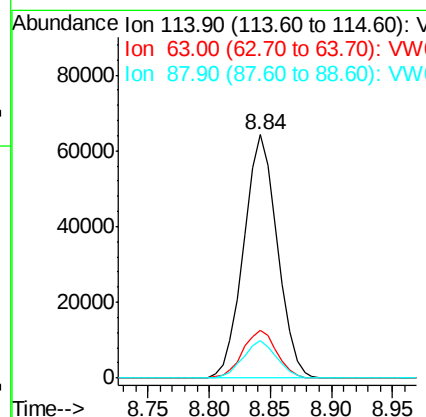
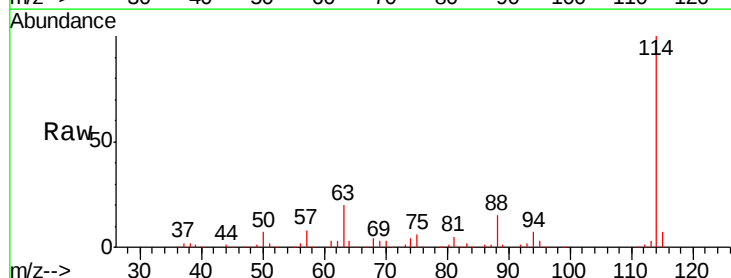
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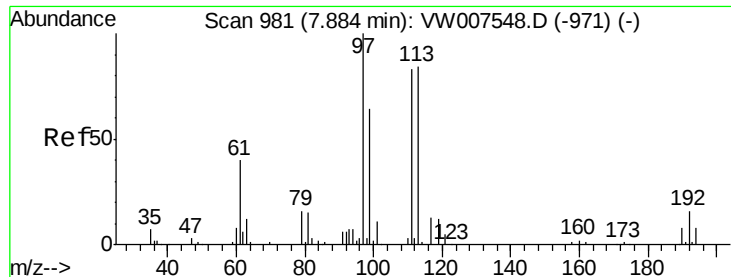
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	122617		
63	19.6	0.0	39.6	
88	15.4	0.0	31.4	





#35

Dibromofluoromethane

Concen: 48.229 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

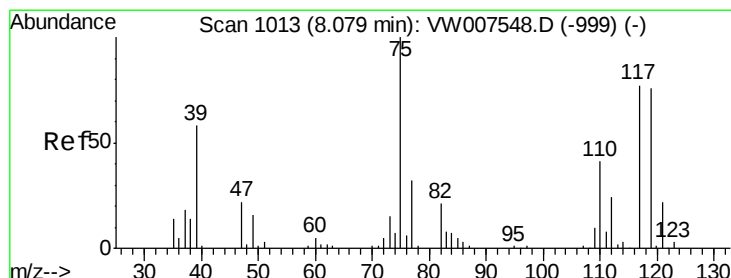
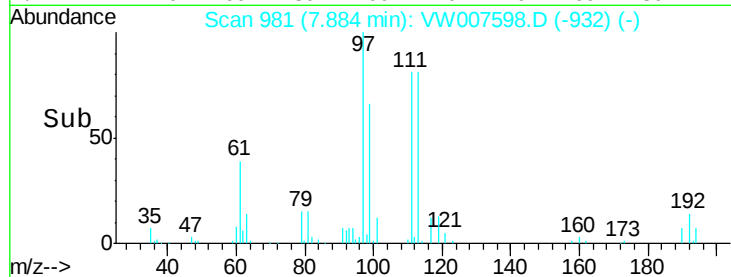
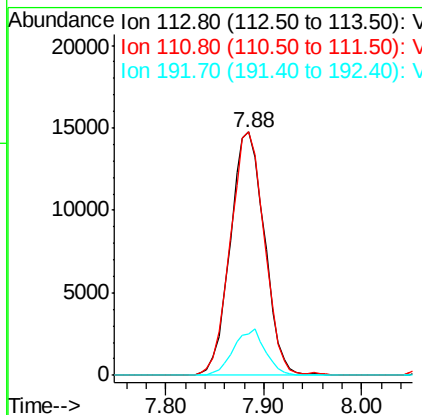
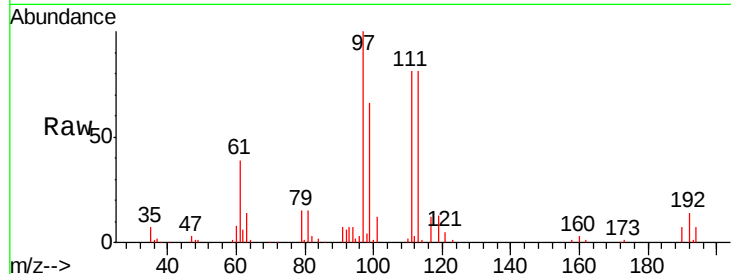
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	35798
Ion Ratio	Lower	Upper	
113	100		
111	99.5	81.1	121.7
192	17.7	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 49.770 ug/l

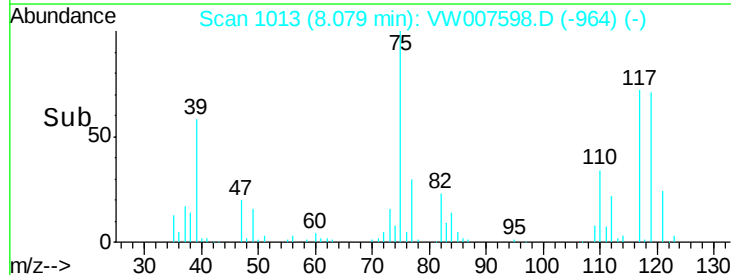
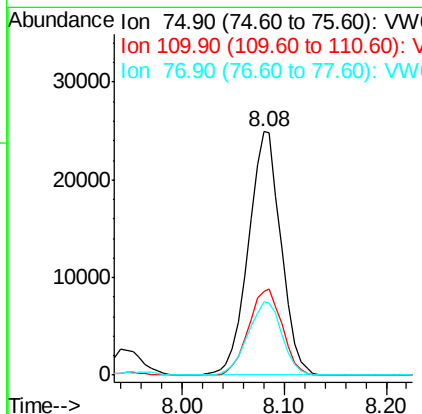
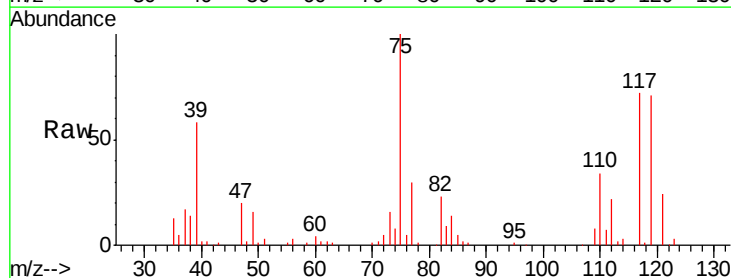
RT: 8.08 min Scan# 1013

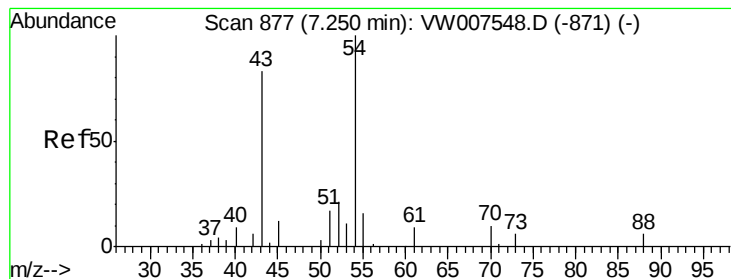
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	75	Resp:	55670
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.5	55.5
77	31.3	25.6	38.4





#37

Ethyl Acetate

Concen: 48.350 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	43	Resp:	20115
Ion Ratio		Lower	Upper
43	100		
61	15.5	12.1	18.1
70	12.7	10.0	15.0

Instrument :

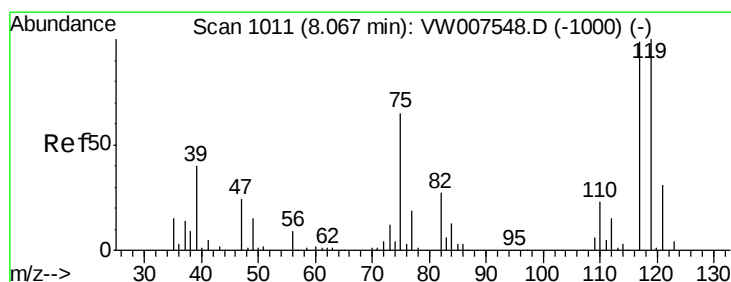
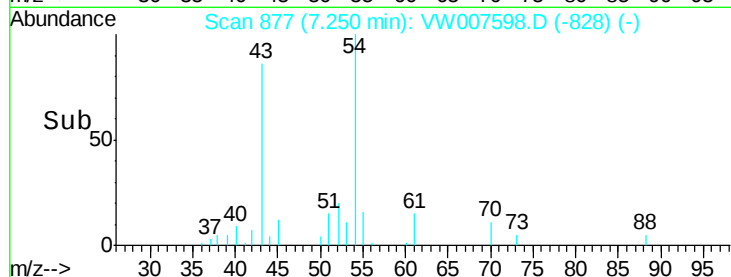
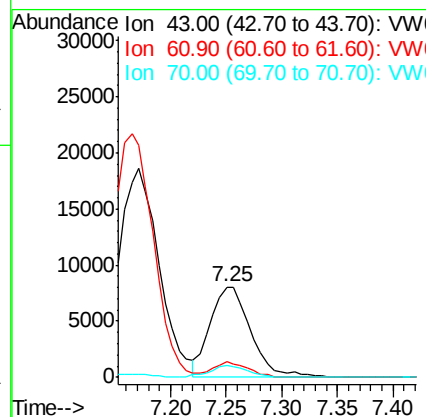
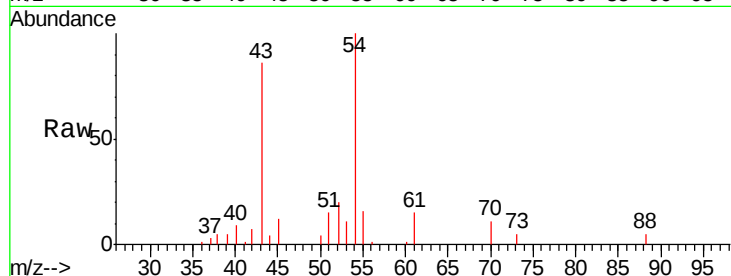
MSVOA_W

ClientSampleId :

VSTDCCC050

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#38

Carbon Tetrachloride

Concen: 51.074 ug/l

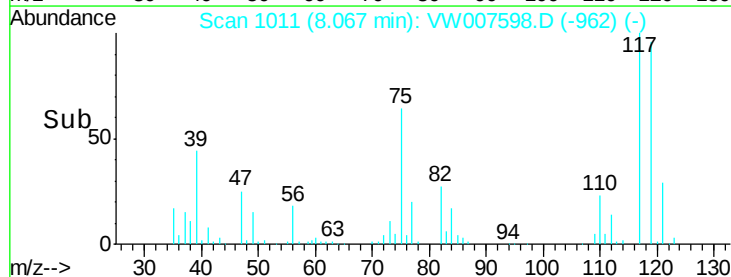
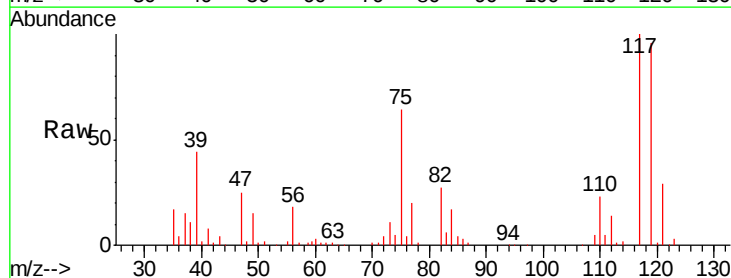
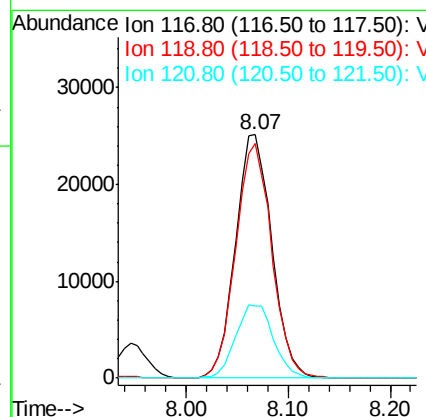
RT: 8.07 min Scan# 1011

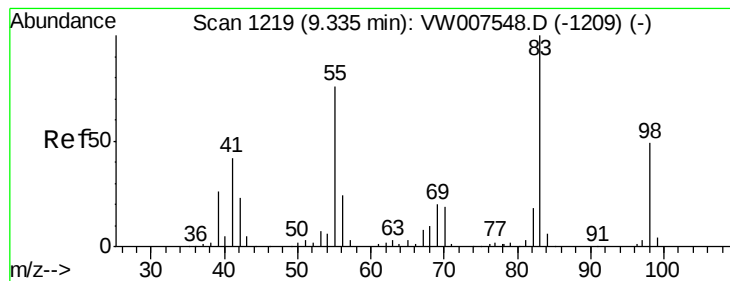
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	117	Resp:	62161
Ion Ratio		Lower	Upper
117	100		
119	96.3	74.3	111.5
121	29.4	24.3	36.5





#39

Methylcyclohexane

Concen: 50.044 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

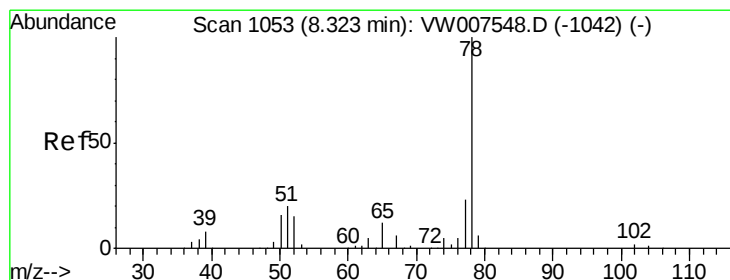
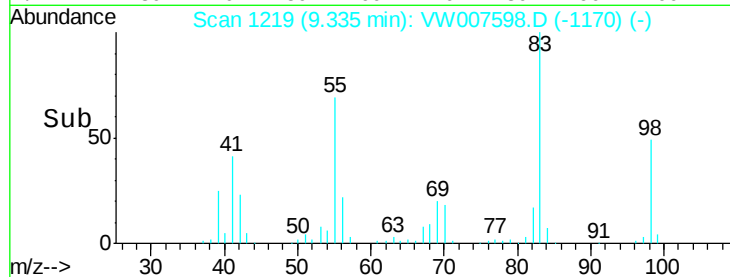
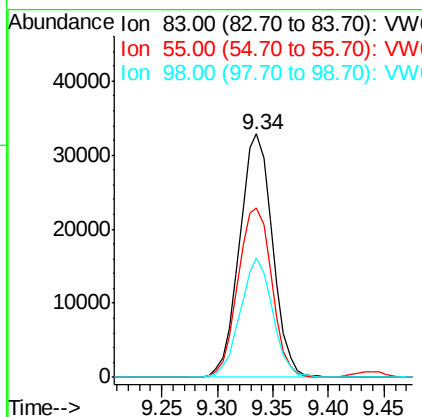
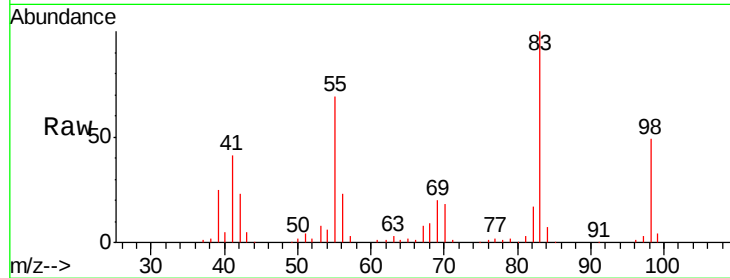
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	67782
Ion Ratio	Lower	Upper	
83	100		
55	69.3	62.8	94.2
98	49.3	42.2	63.2

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#40

Benzene

Concen: 49.616 ug/l

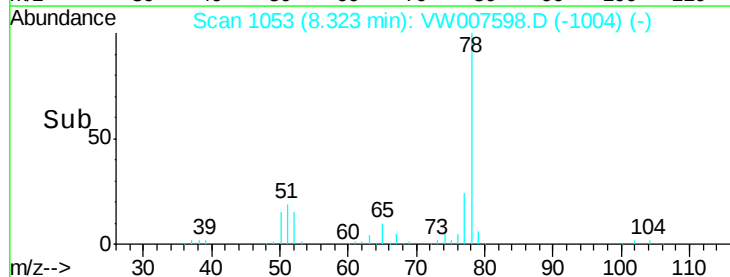
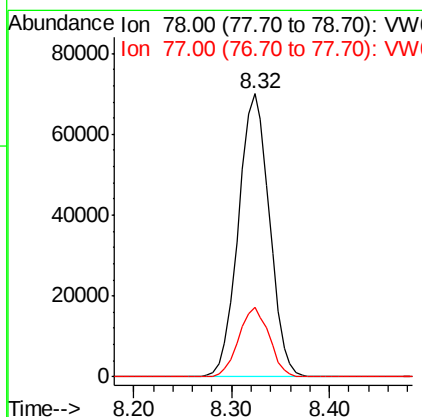
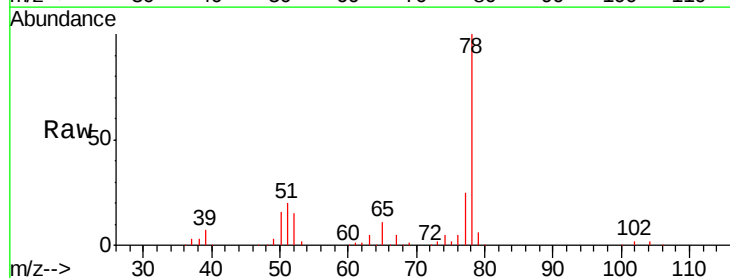
RT: 8.32 min Scan# 1053

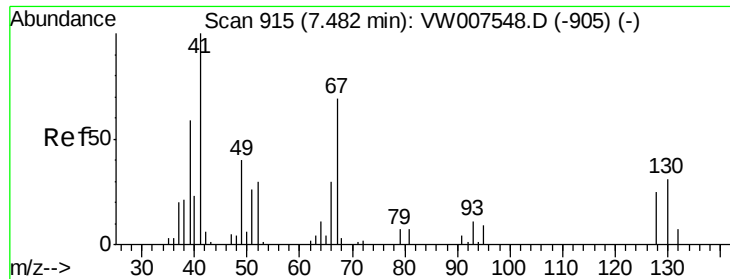
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	78	Resp:	154018
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.8	28.2





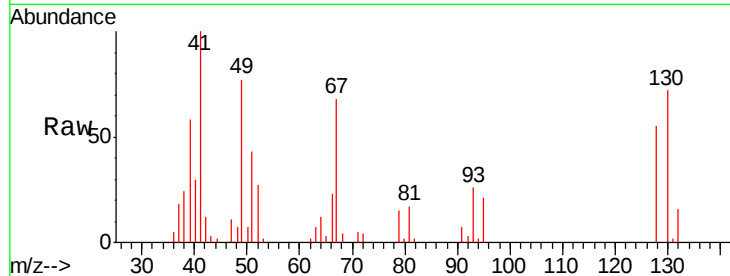
#41
Methacrylonitrile
Concen: 52.501 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	12438
Ion	Ratio	Lower	Upper
41	100		
39	57.9	52.2	78.2
67	77.9	60.5	90.7
52	32.7	25.3	37.9

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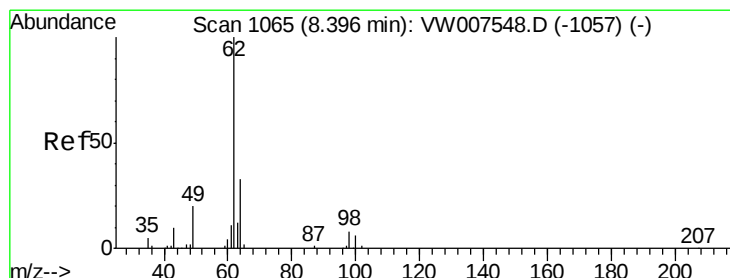
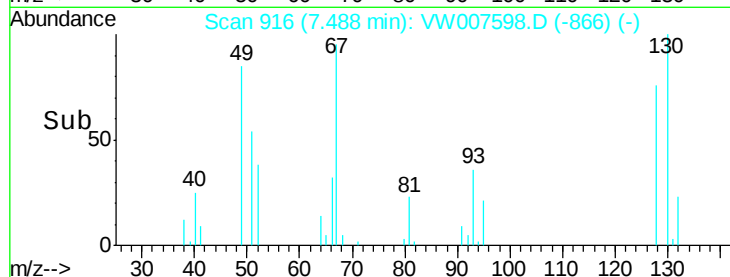
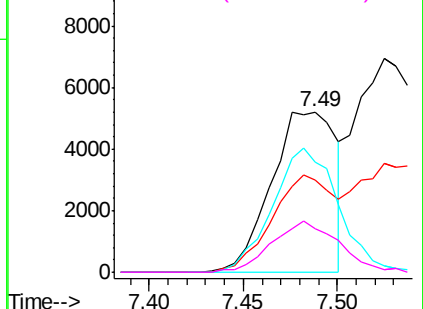
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

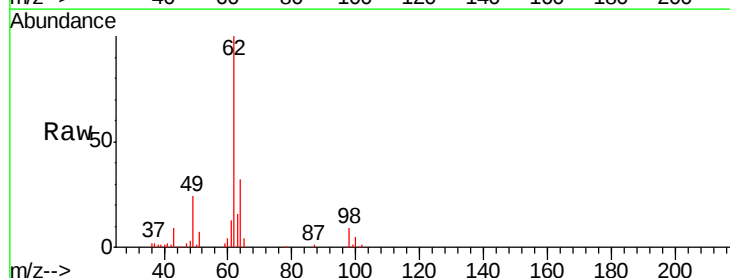
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 51.410 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

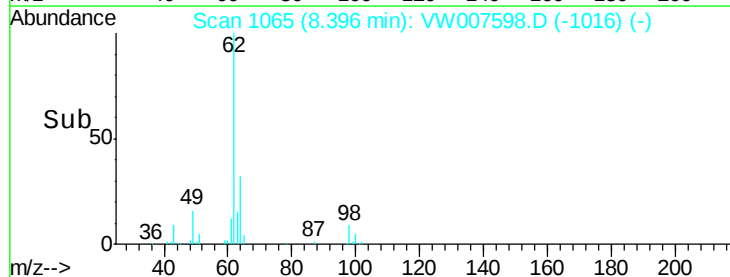
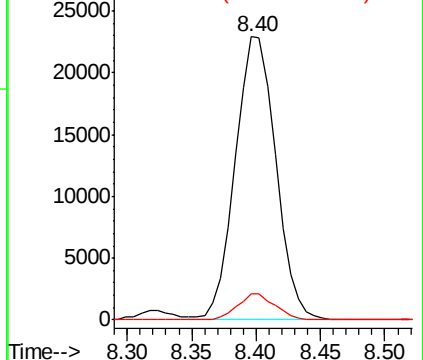
Tgt Ion:	62	Resp:	50131
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6

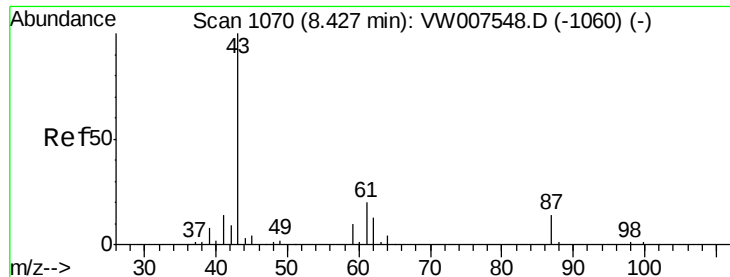


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.596 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

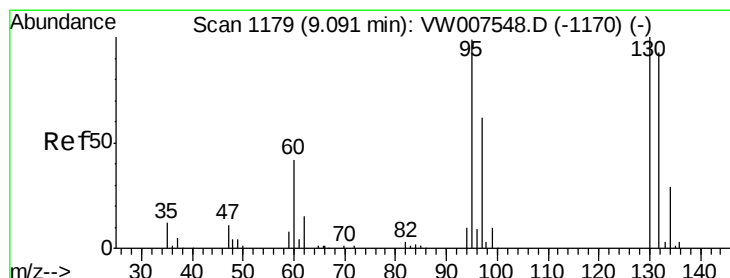
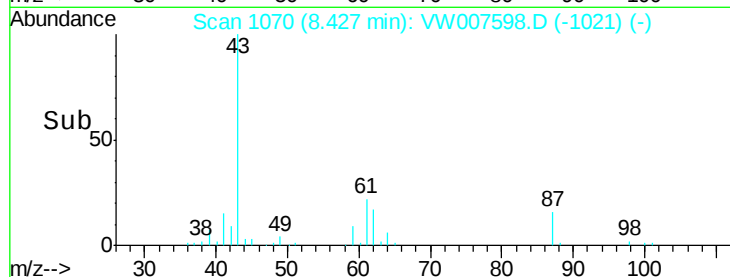
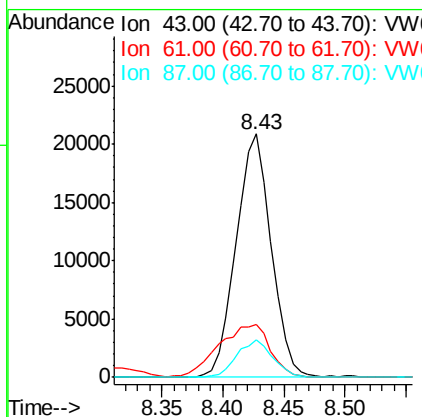
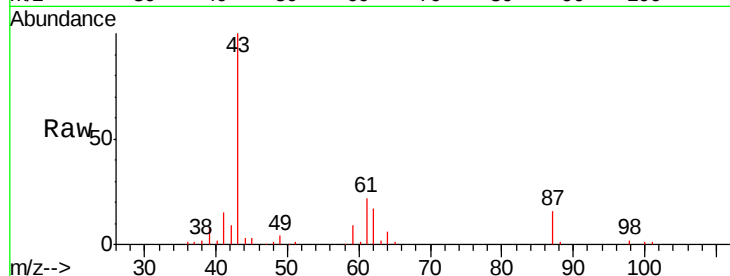
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	41579
Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.3	37.9
87	15.7	11.8	17.8

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#44

Trichloroethene

Concen: 50.392 ug/l

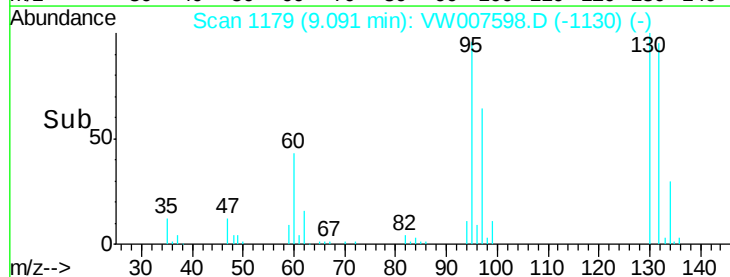
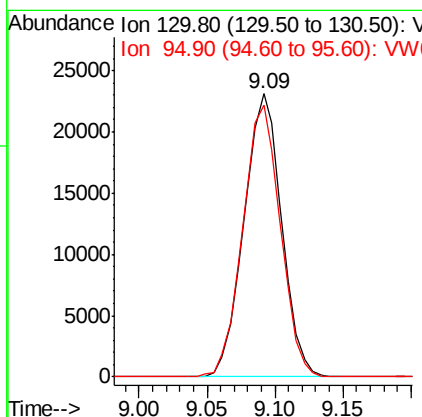
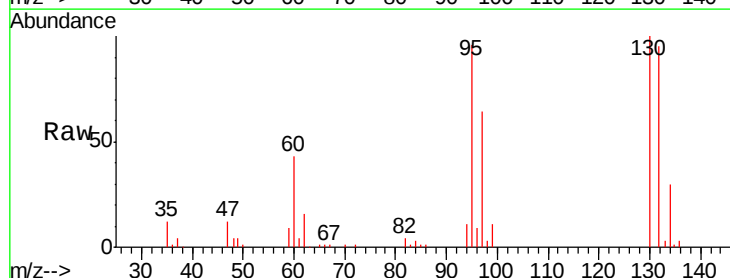
RT: 9.09 min Scan# 1179

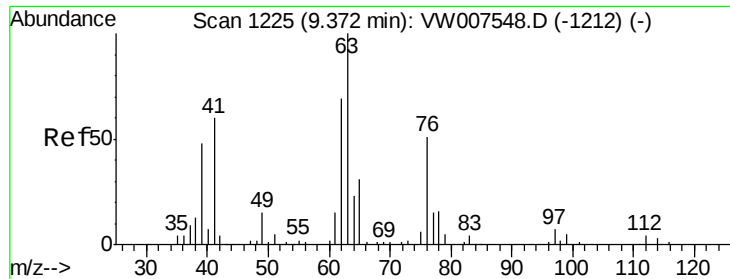
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	130	Resp:	44669
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	193.2





#45

1,2-Dichloropropane

Concen: 49.146 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 35304

Ion Ratio Lower Upper

63 100

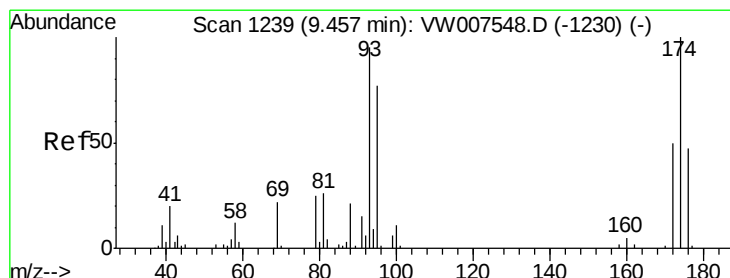
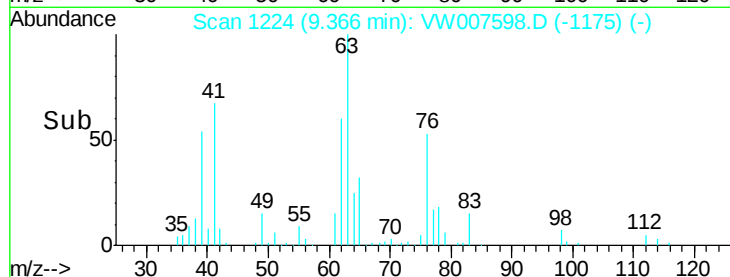
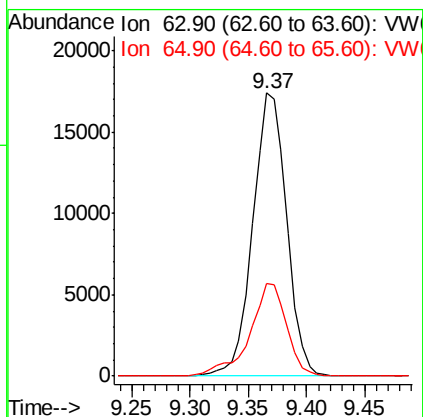
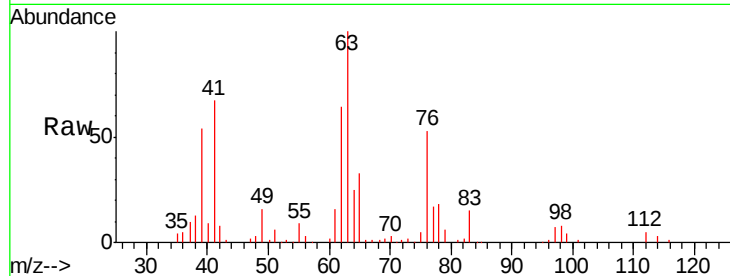
65 32.8 24.4 36.6

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#46

Dibromomethane

Concen: 51.814 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

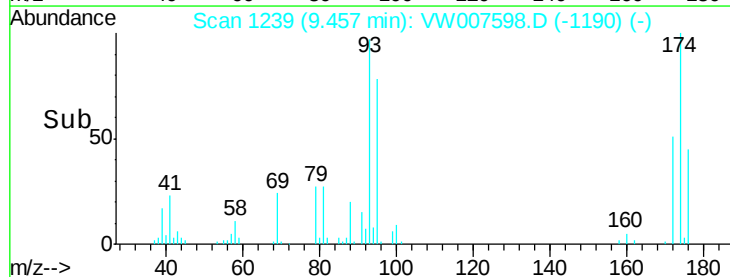
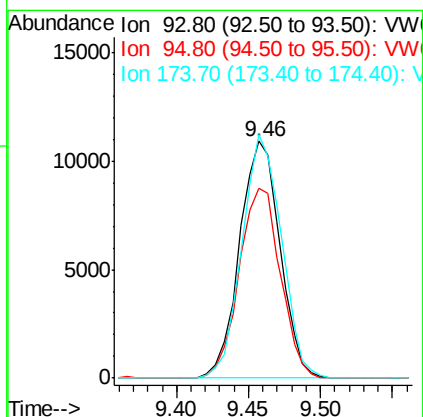
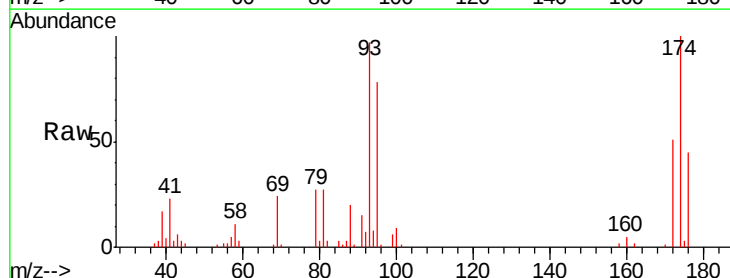
Tgt Ion: 93 Resp: 21137

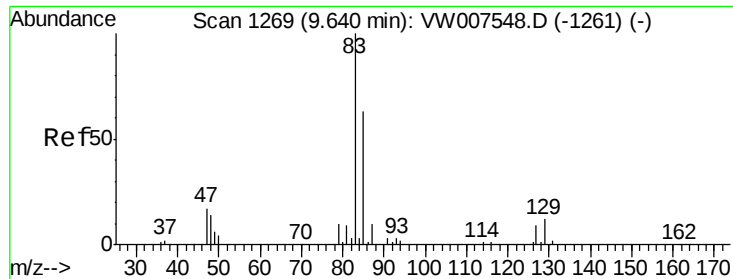
Ion Ratio Lower Upper

93 100

95 81.9 68.0 102.0

174 100.4 83.2 124.8





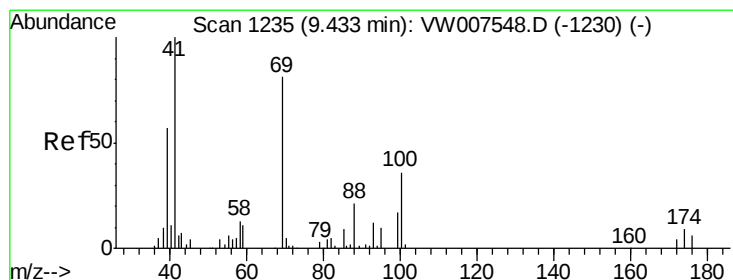
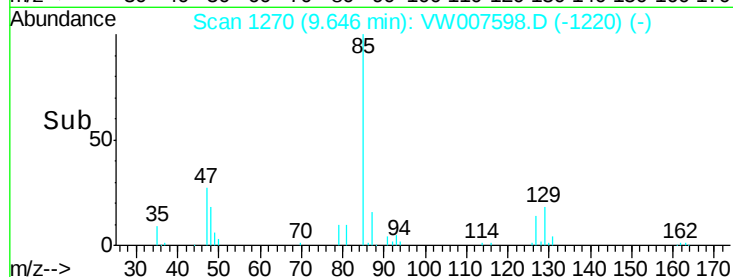
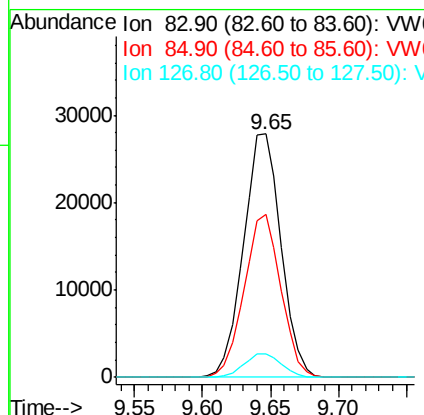
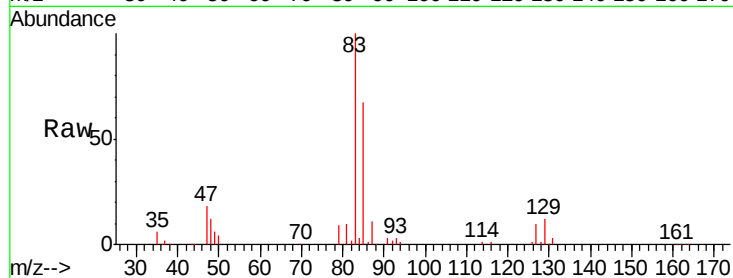
#47
Bromodichloromethane
Concen: 50.240 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	53758		
85	66.7	47.6	71.4	
127	9.6	6.7	10.1	

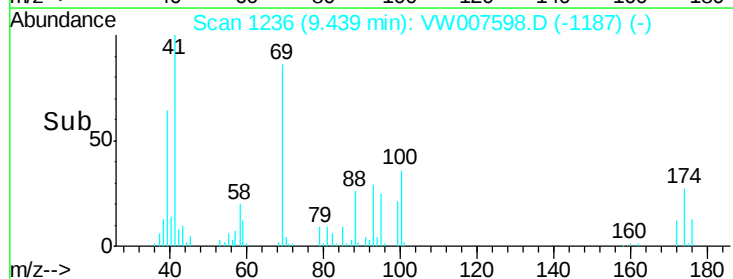
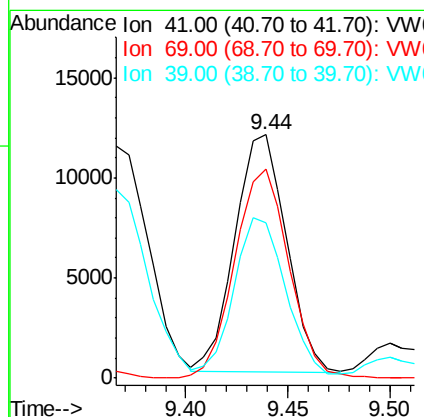
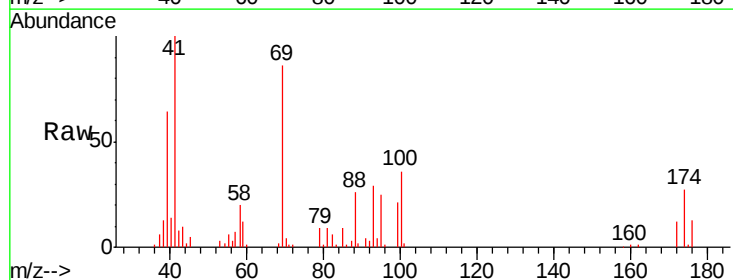
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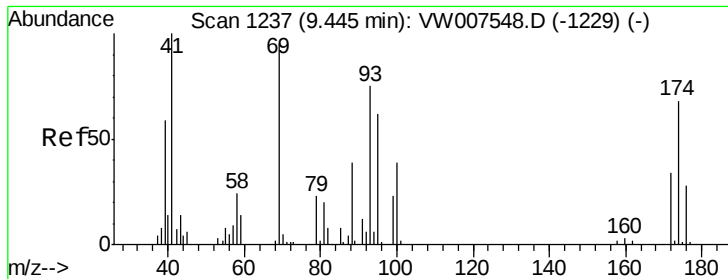
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#48
Methyl methacrylate
Concen: 49.584 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	20927		
69	92.0	69.8	104.8	
39	69.0	50.9	76.3	





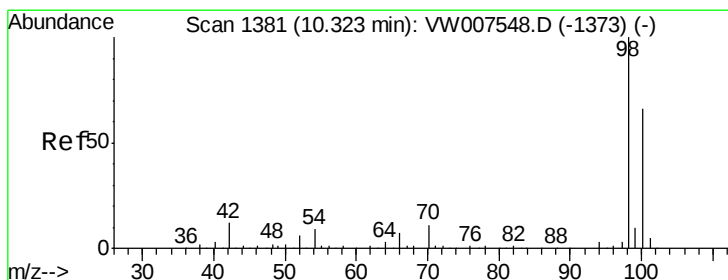
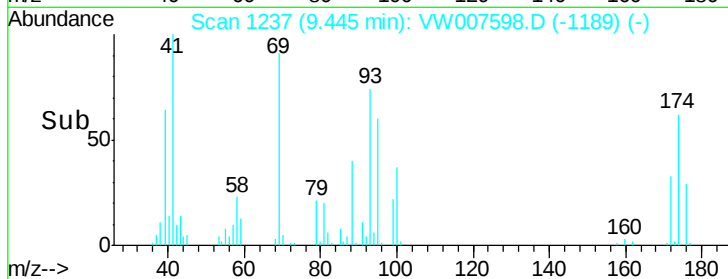
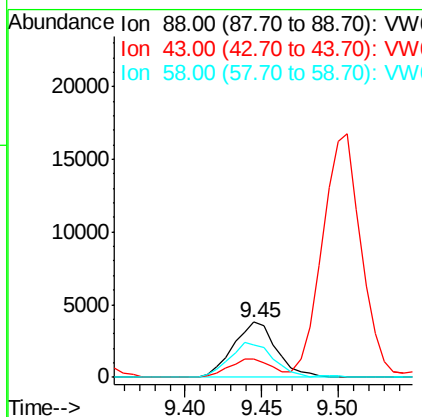
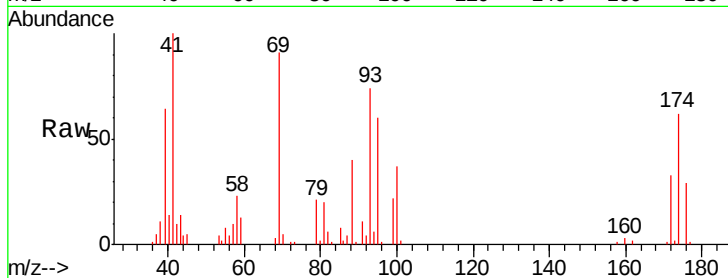
#49
1,4-Dioxane
Concen: 1119.494 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.0	37.4
58	64.1	51.4	77.2

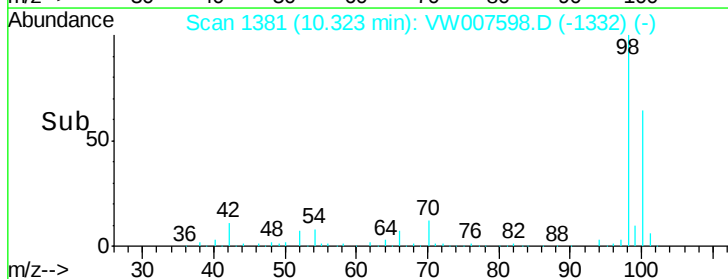
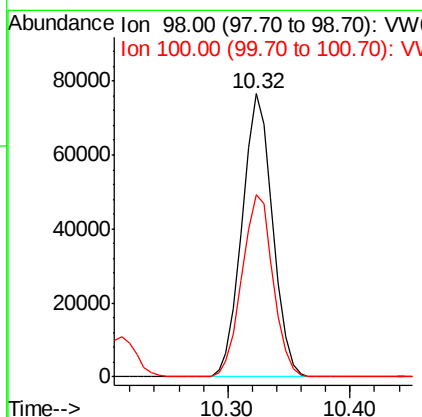
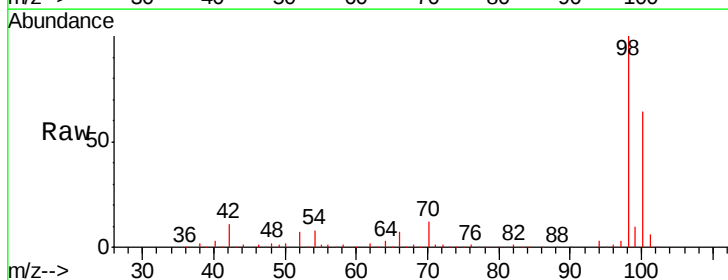
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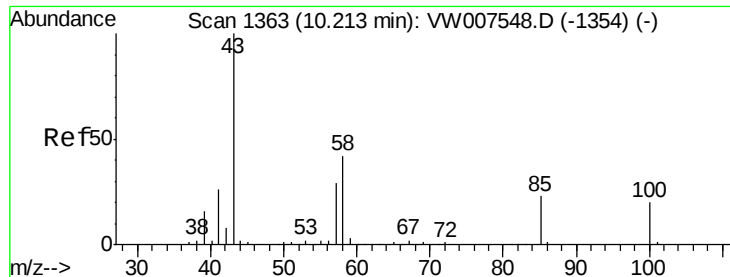
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#50
Toluene-d8
Concen: 47.564 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.8





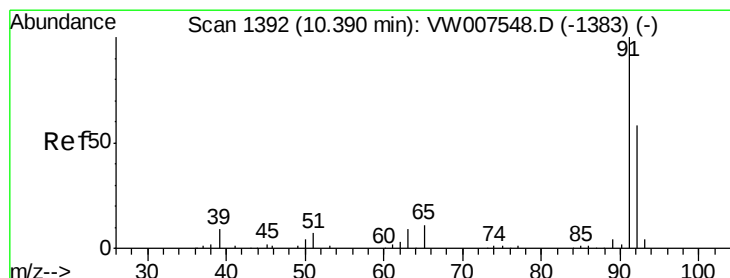
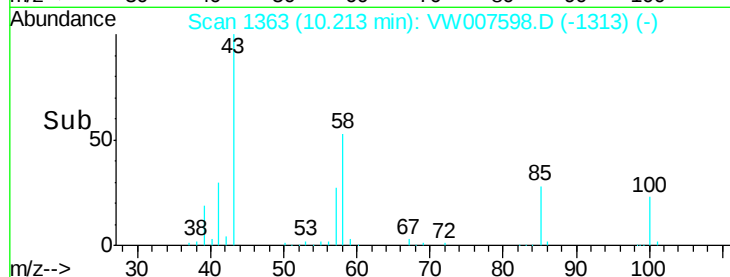
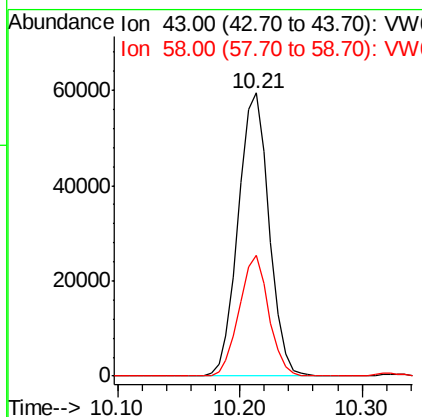
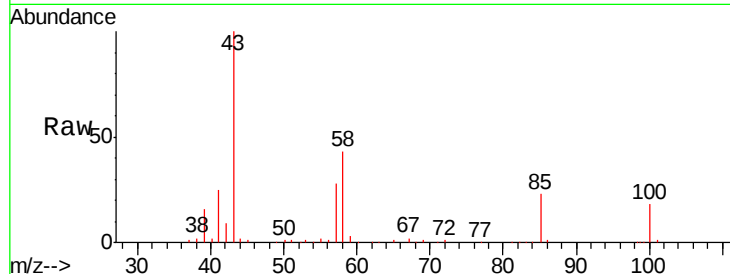
#51
4-Methyl-2-Pentanone
Concen: 267.498 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103868
Ion Ratio Lower Upper
43 100
58 40.9 33.1 49.7

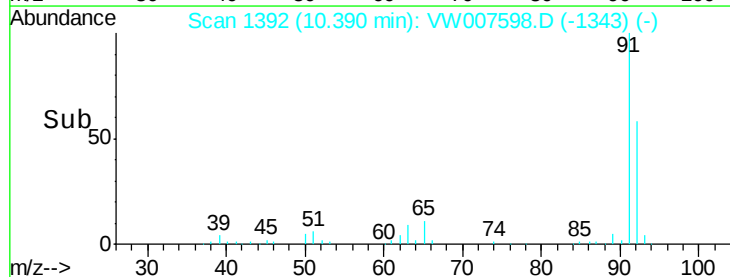
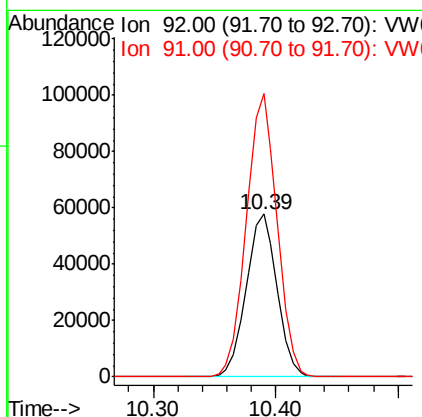
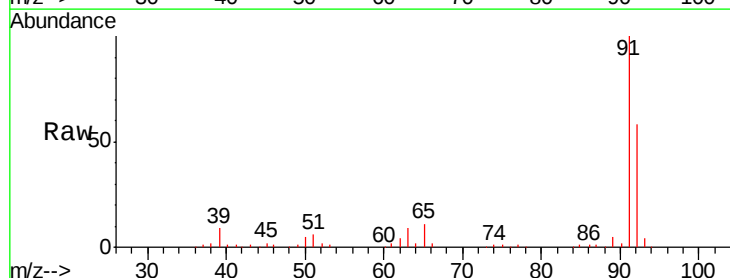
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#52
Toluene
Concen: 50.279 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 92 Resp: 101004
Ion Ratio Lower Upper
92 100
91 173.6 136.2 204.2





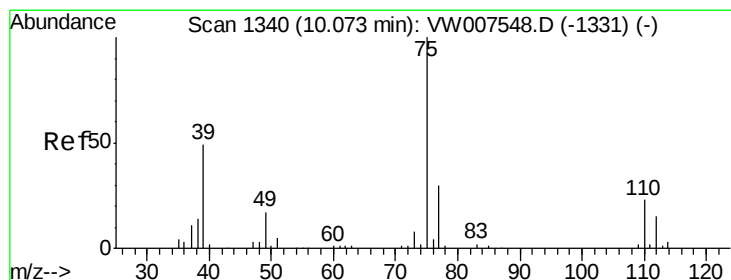
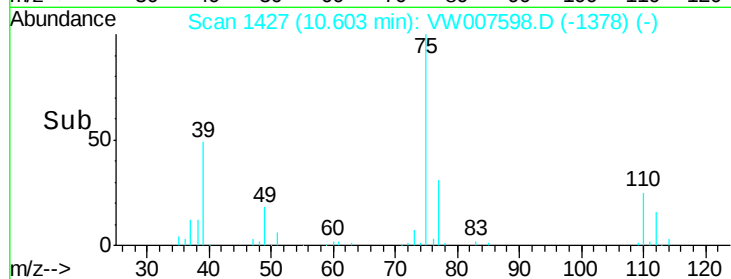
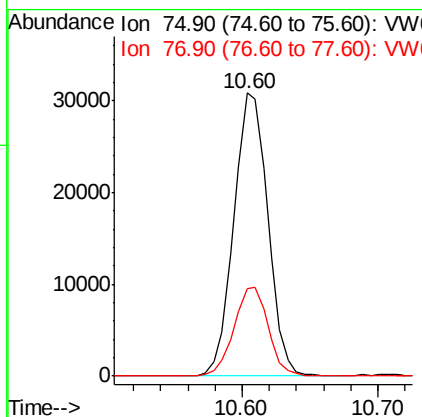
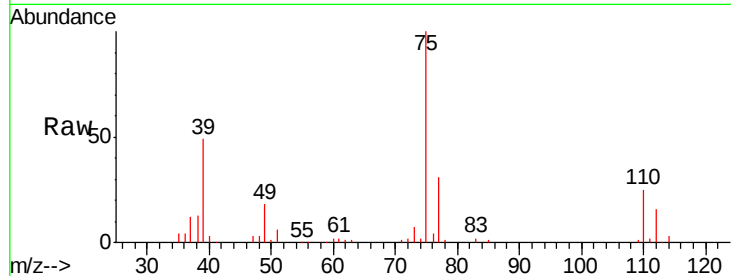
#53
 t-1,3-Dichloropropene
 Concen: 51.852 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 53865
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4

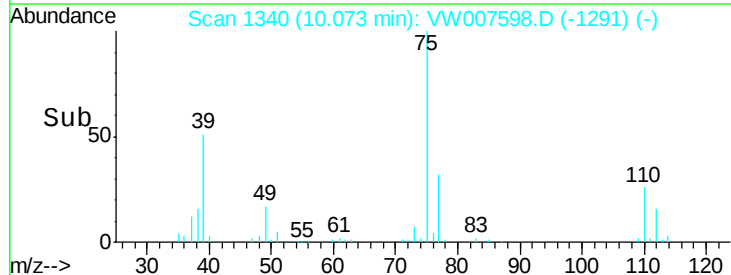
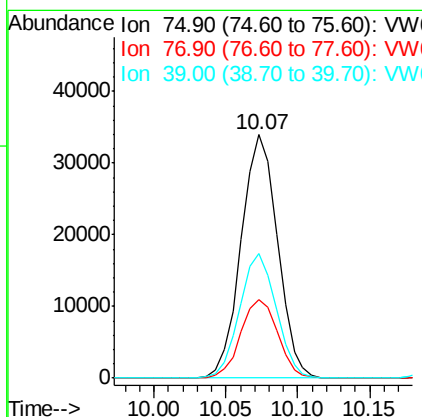
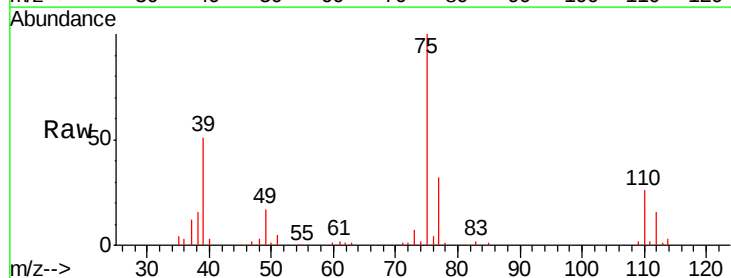
Manual Integrations
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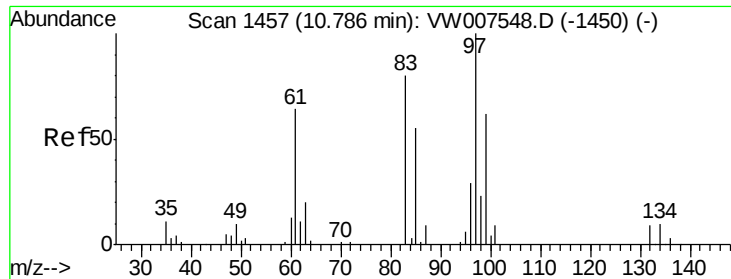
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#54
 cis-1,3-Dichloropropene
 Concen: 49.736 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 75 Resp: 59727
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 51.2 40.9 61.3





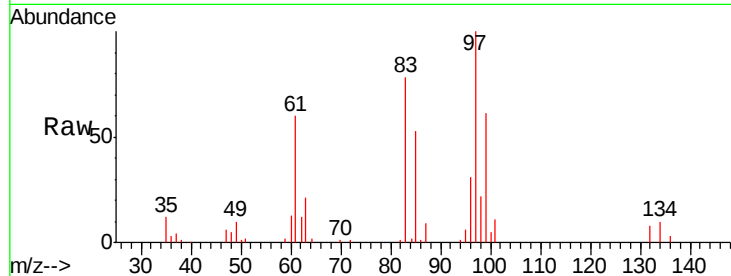
#55
 1,1,2-Trichloroethane
 Concen: 53.816 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.3	62.1	93.1
85	53.1	44.2	66.4
99	61.0	50.2	75.4

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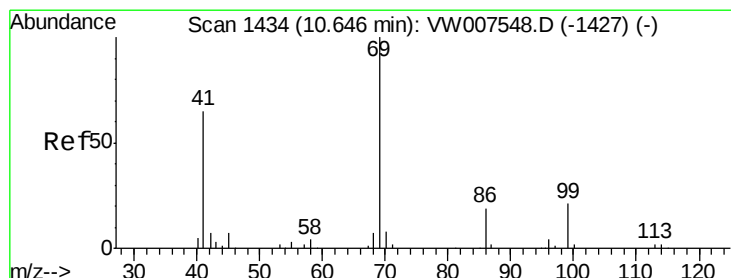
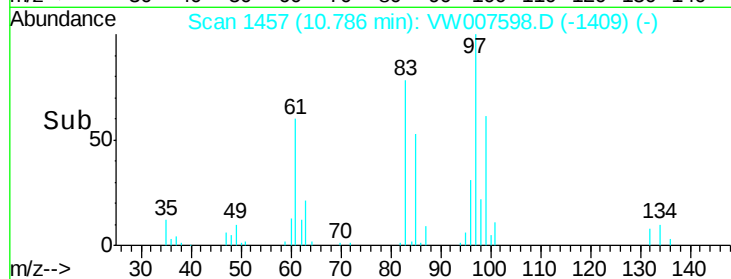
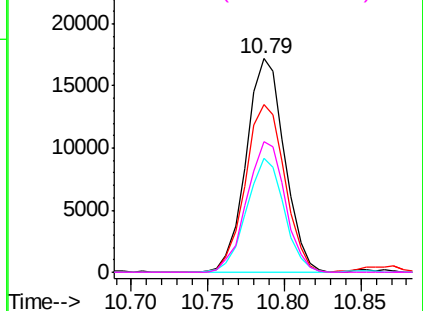
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

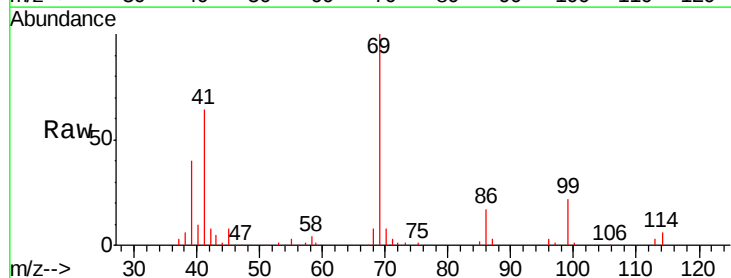
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 53.041 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.0	76.6
39	38.8	30.8	46.2

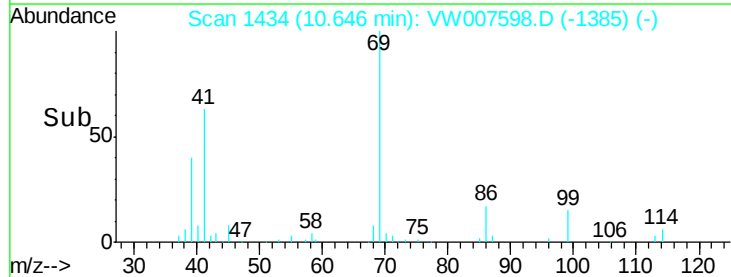
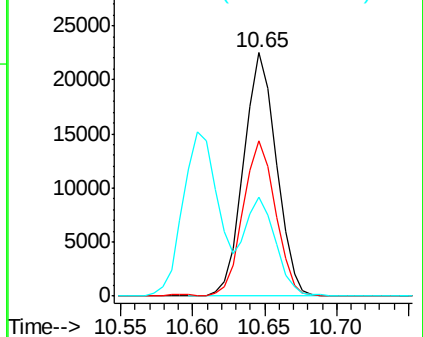


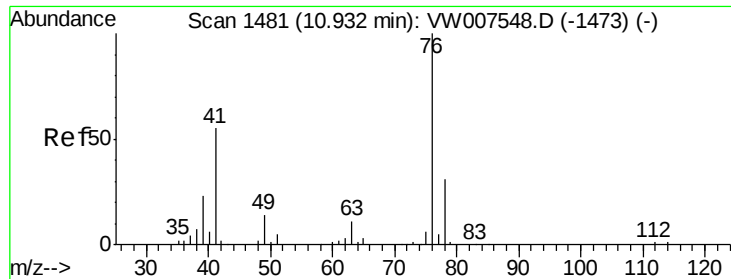
Abundance

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





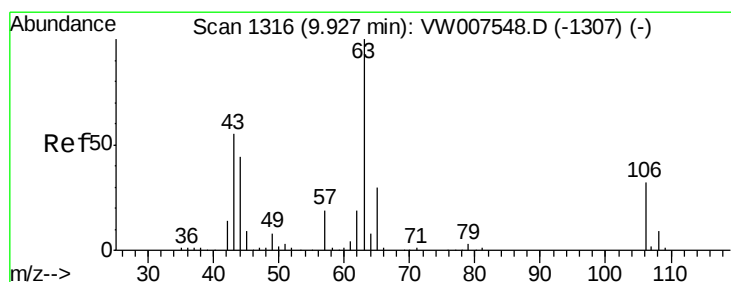
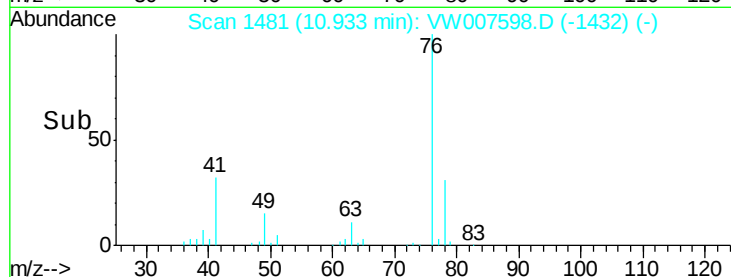
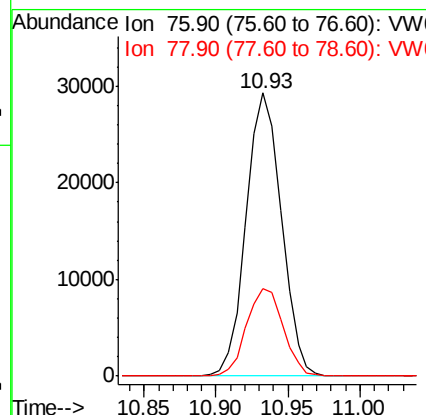
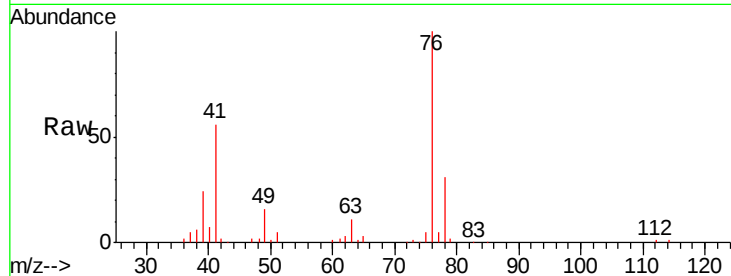
#57
 1,3-Dichloropropane
 Concen: 54.535 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 49697
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4

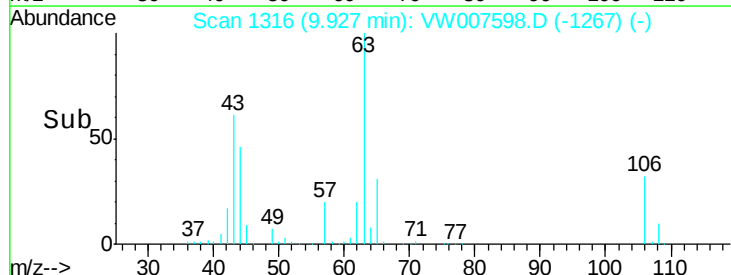
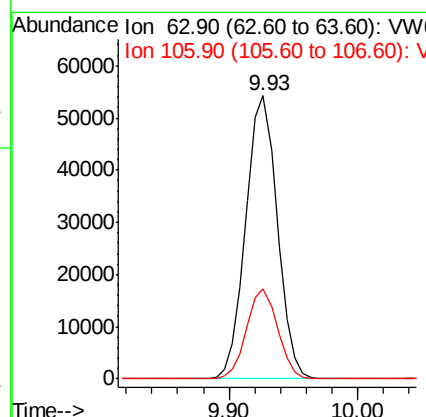
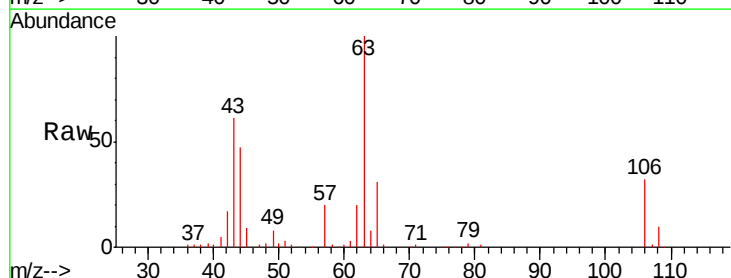
Manual Integrations
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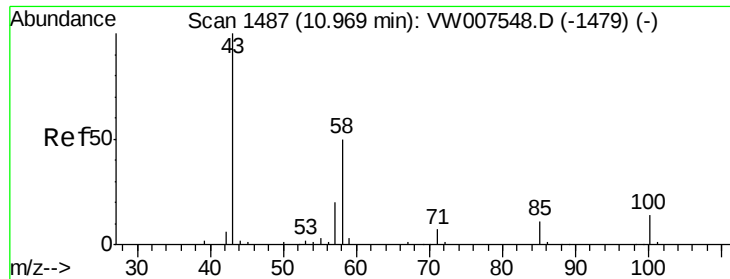
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#58
 2-Chloroethyl Vinyl ether
 Concen: 298.428 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 63 Resp: 91838
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.0 37.6





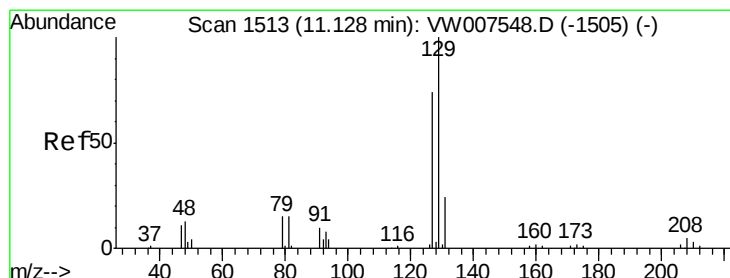
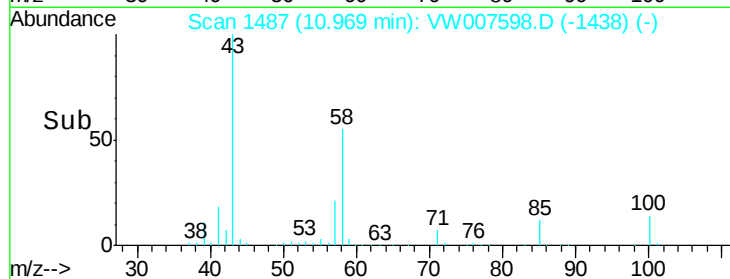
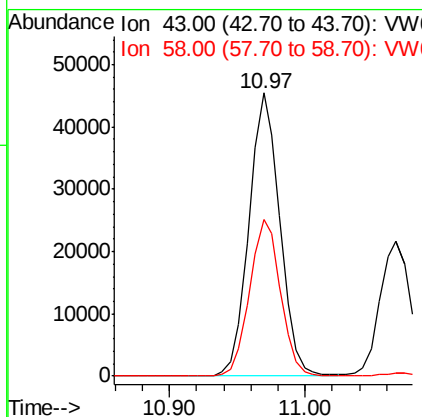
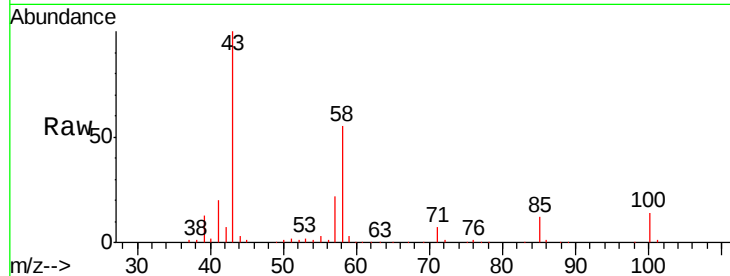
#59
2-Hexanone
Concen: 279.467 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72358
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3

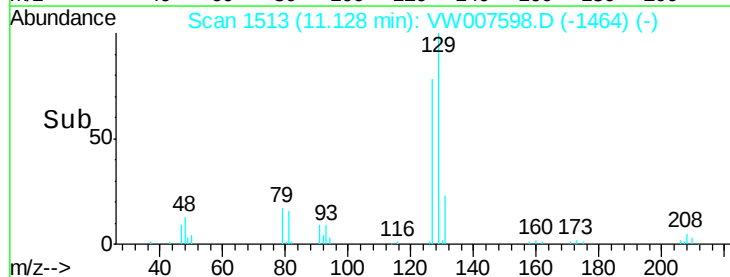
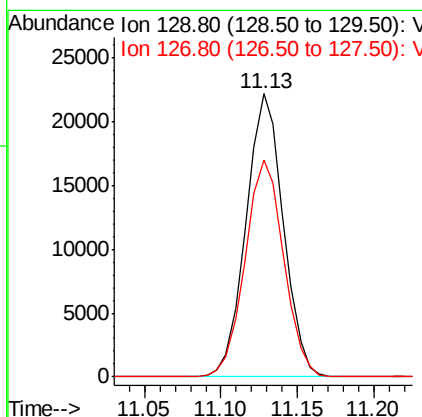
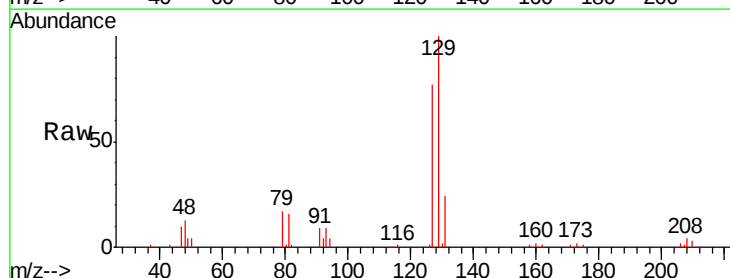
Manual Integrations
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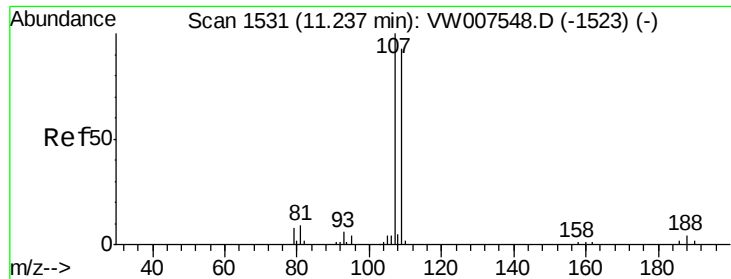
apatel
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#60
Dibromochloromethane
Concen: 53.598 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 129 Resp: 37554
Ion Ratio Lower Upper
129 100
127 79.3 38.1 114.3





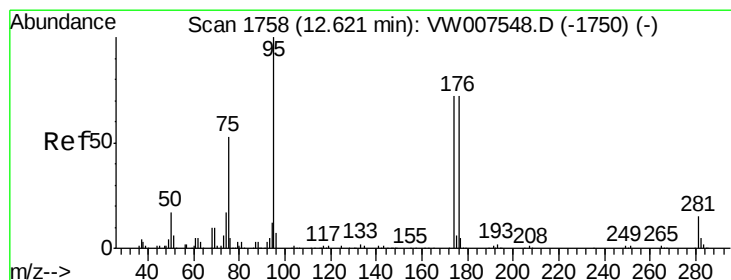
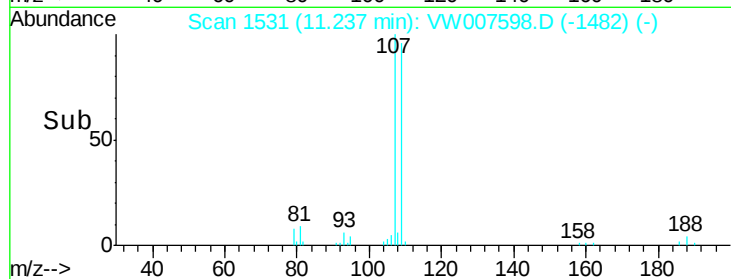
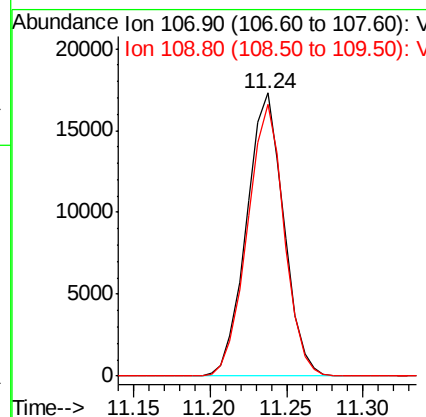
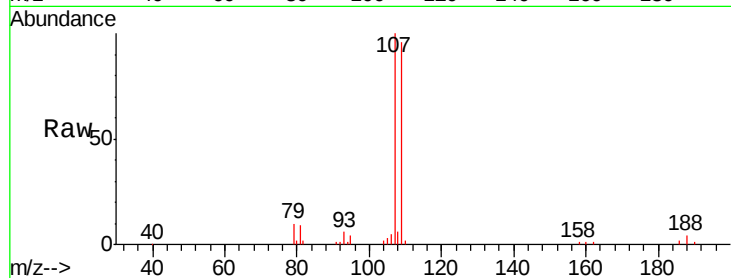
#61
 1,2-Dibromoethane
 Concen: 53.271 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 29228
 Ion Ratio Lower Upper
 107 100
 109 94.7 79.1 118.7

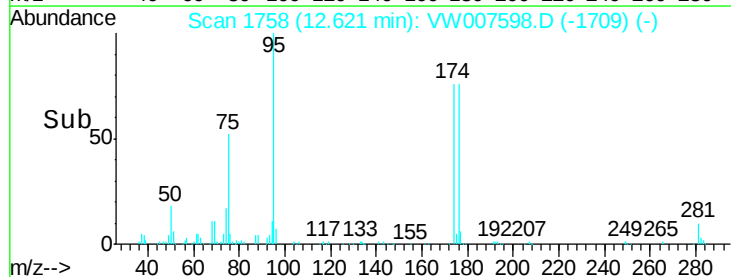
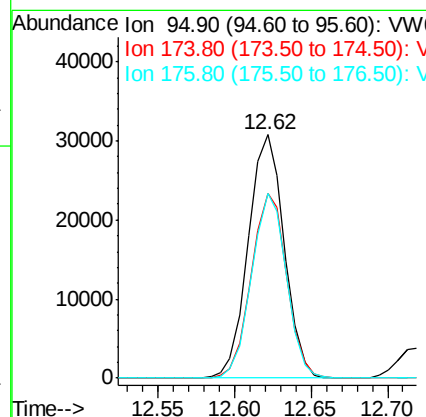
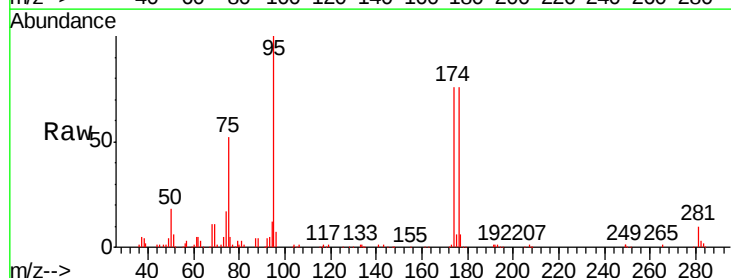
Manual Integrations
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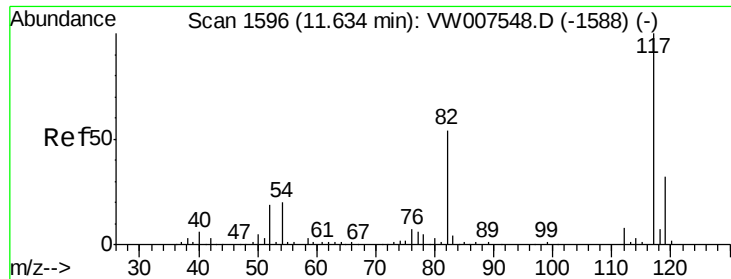
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.987 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 95 Resp: 50126
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.2
 176 73.7 0.0 138.8





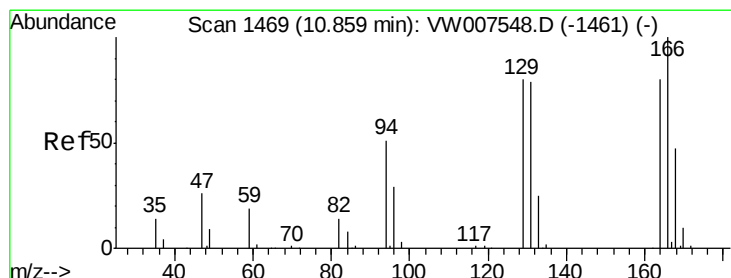
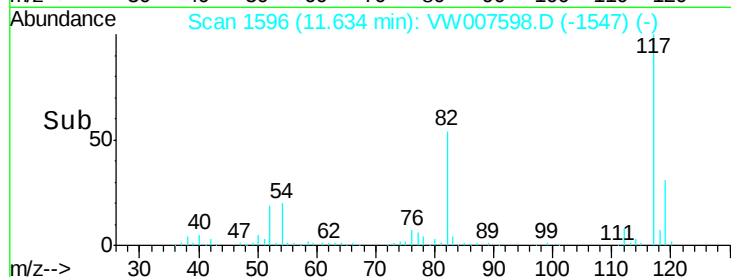
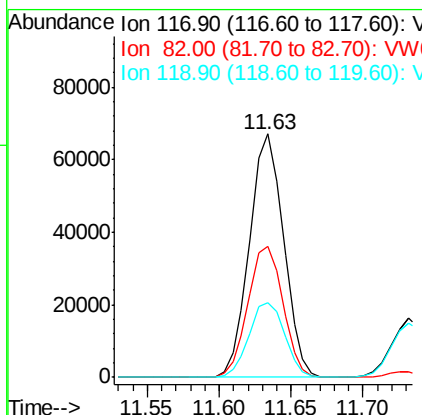
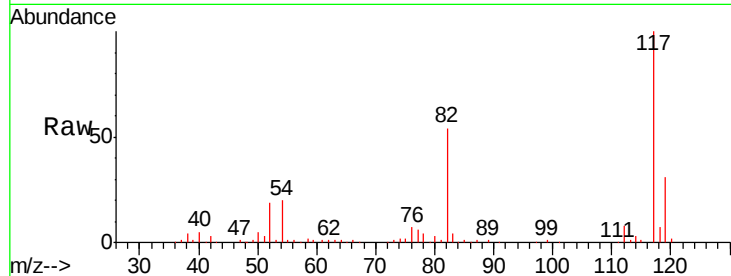
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110286		
82	53.8	42.3	63.5	
119	30.9	23.0	34.6	

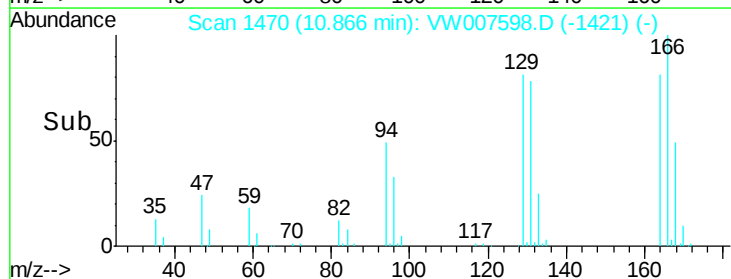
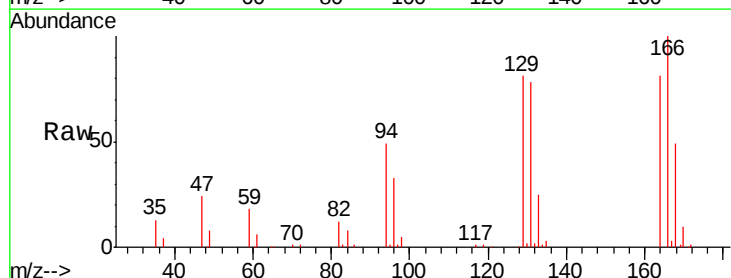
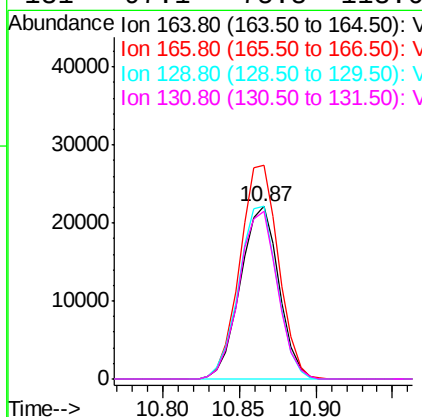
Manual Integrations
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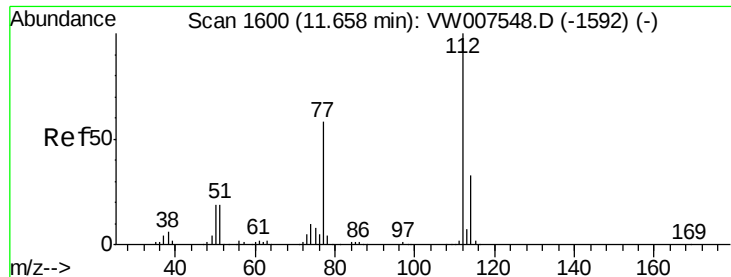
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#64
Tetrachloroethene
Concen: 48.747 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38661		
166	123.9	107.9	161.9	
129	100.1	73.4	110.2	
131	97.1	75.8	113.6	





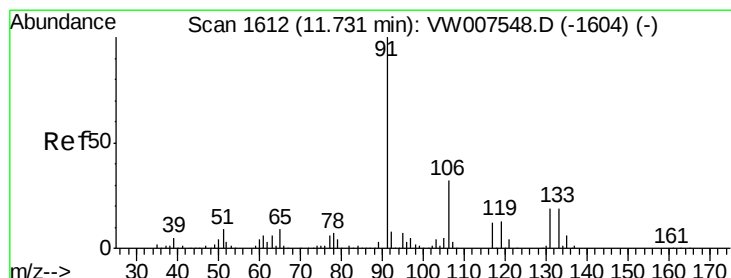
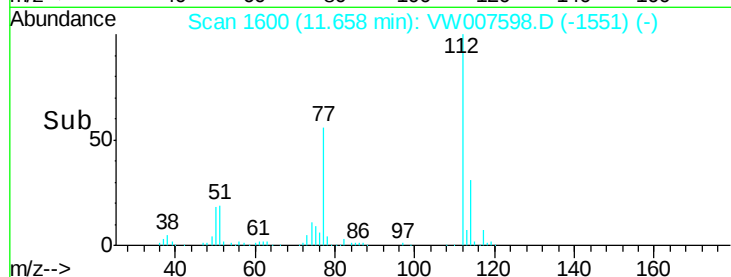
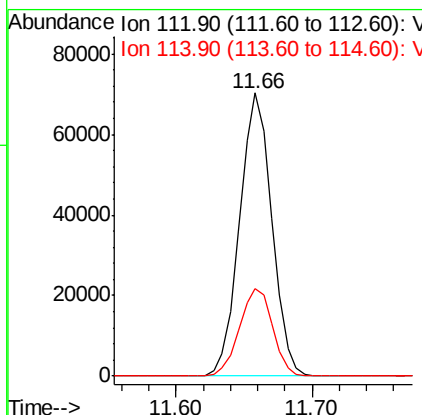
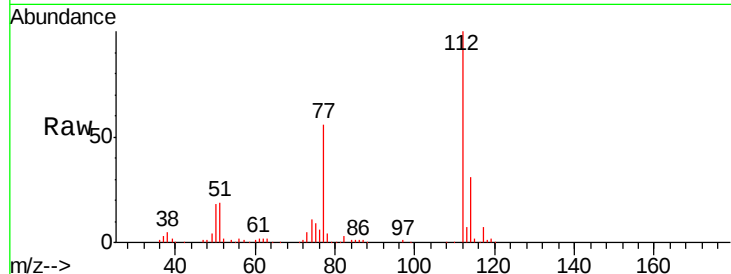
#65
Chlorobenzene
Concen: 50.524 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	116141		
114	30.8	27.8	41.8	

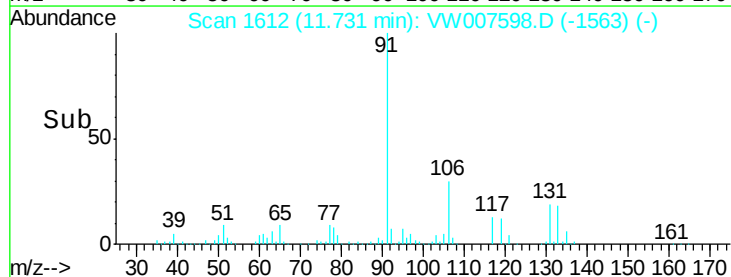
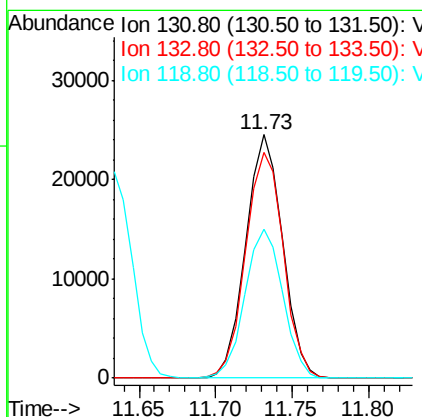
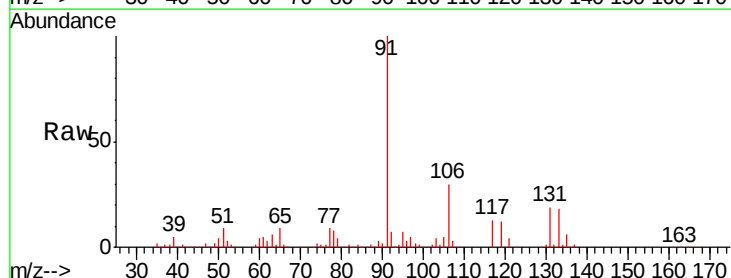
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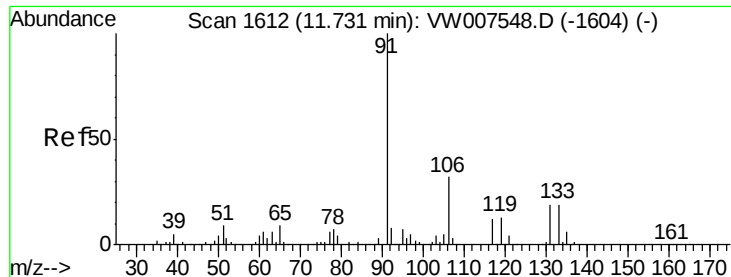
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.803 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	41130		
133	95.2	47.1	141.4	
119	62.6	31.3	93.9	





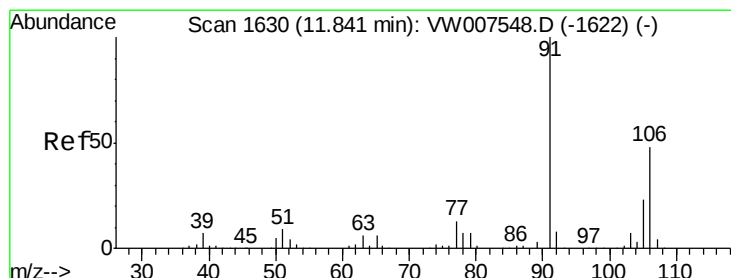
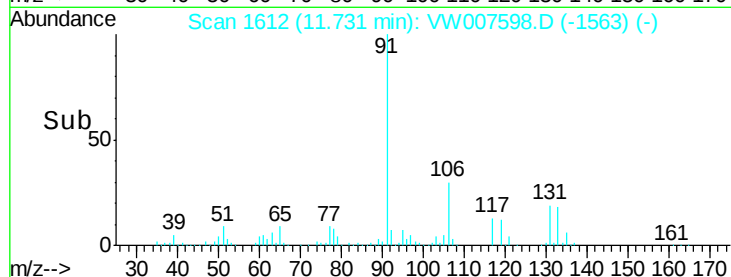
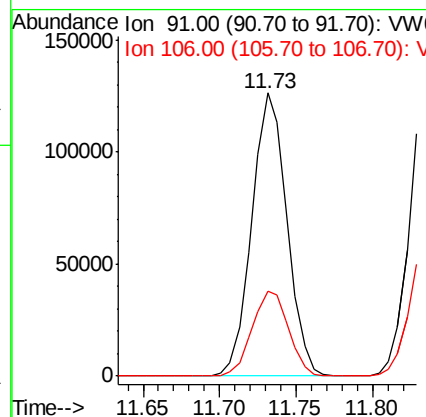
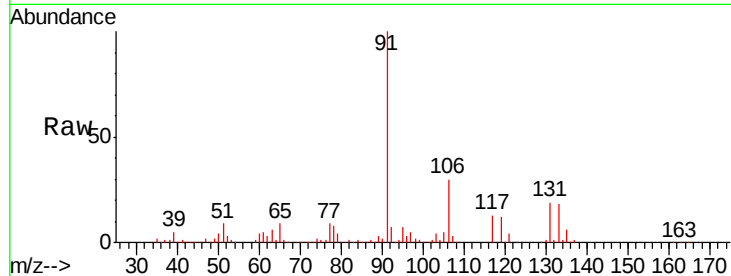
#67
Ethyl Benzene
Concen: 51.033 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 201688
Ion Ratio Lower Upper
91 100
106 30.1 21.8 32.8

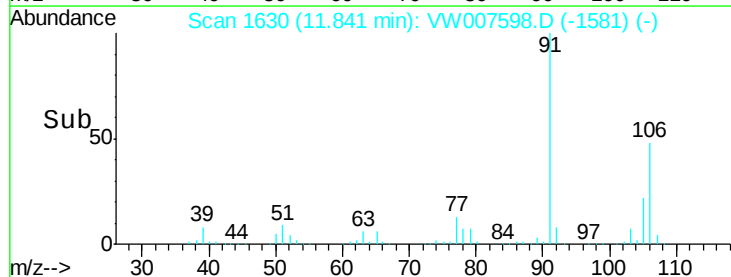
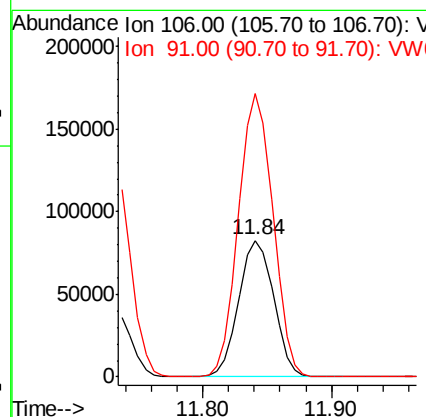
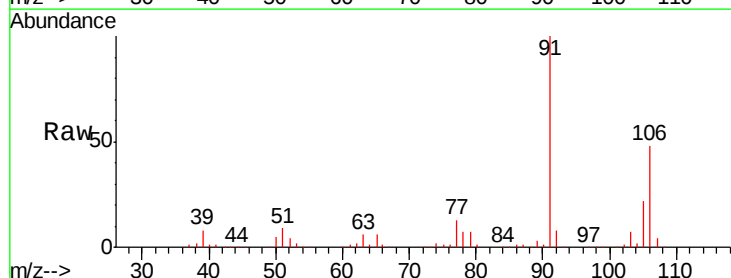
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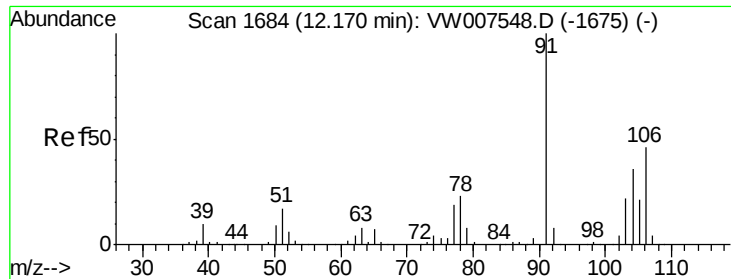
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#68
m/p-Xylenes
Concen: 101.518 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 106 Resp: 155973
Ion Ratio Lower Upper
106 100
91 205.0 165.3 247.9





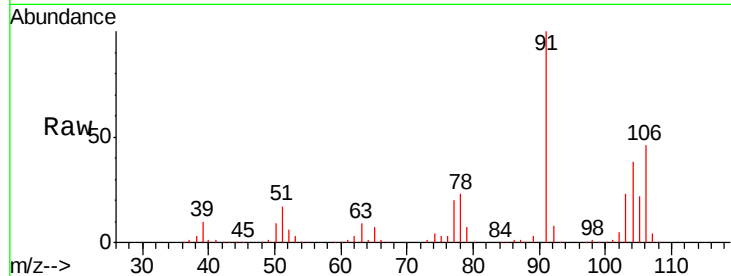
#69
o-Xylene
Concen: 51.261 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

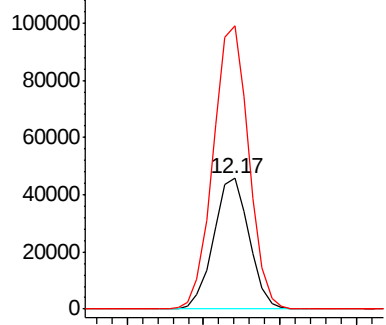
Tgt Ion:106 Resp: 73555
Ion Ratio Lower Upper
106 100
91 217.0 106.6 319.8

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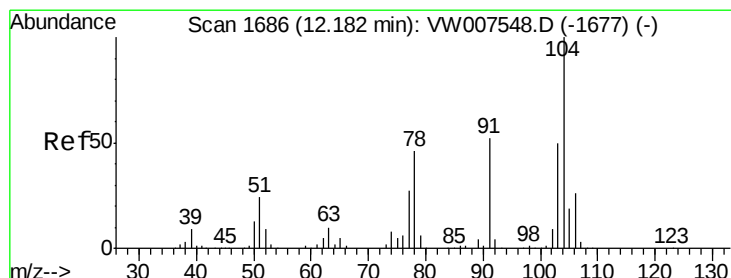
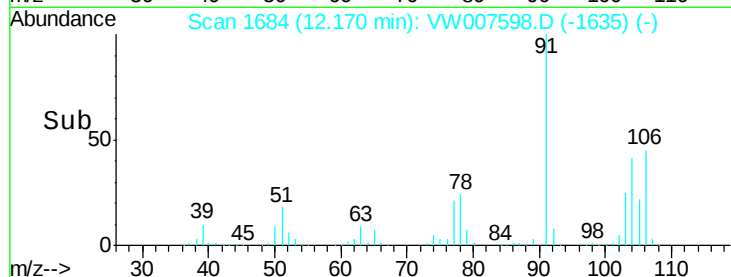
apatel
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

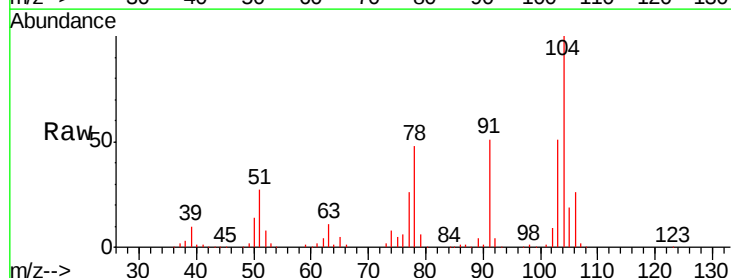


Time-->

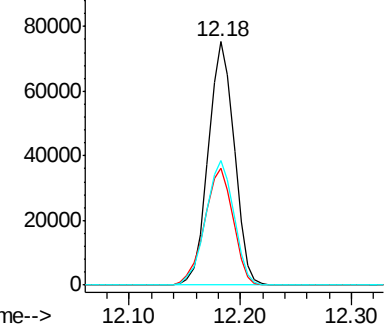


#70
Styrene
Concen: 52.547 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

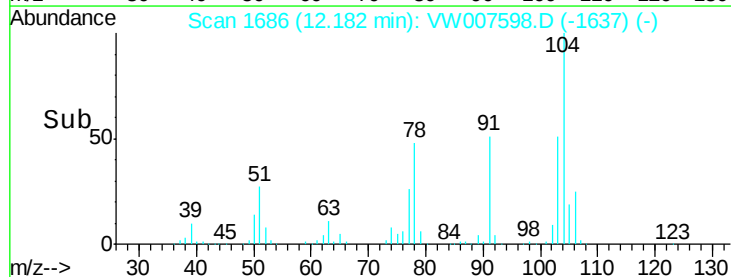
Tgt Ion:104 Resp: 121788
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 55.5 46.6 69.8

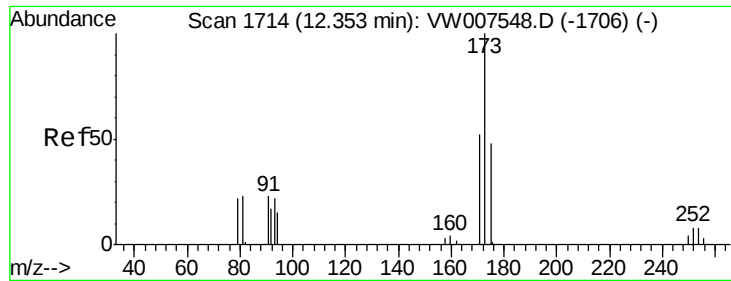


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 49.936 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

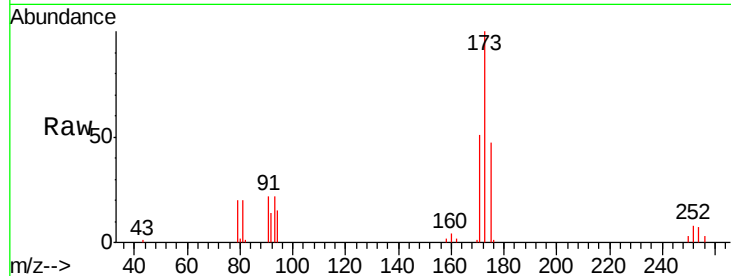
ClientSampleId :

VSTDCCC050

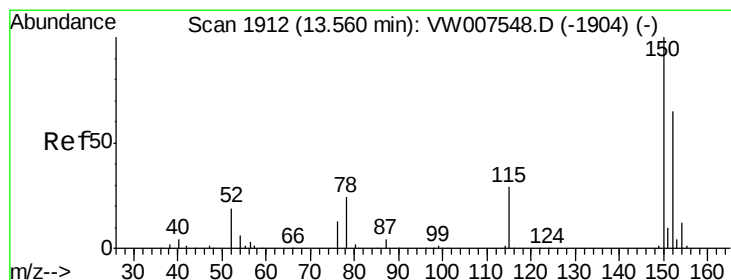
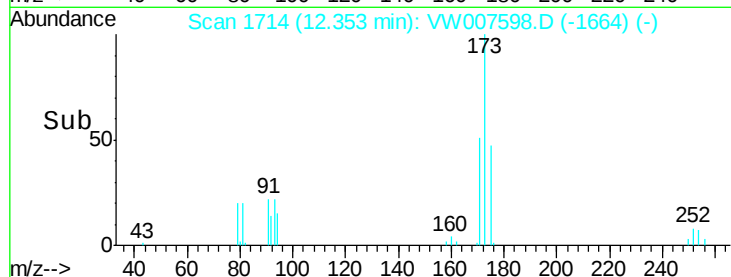
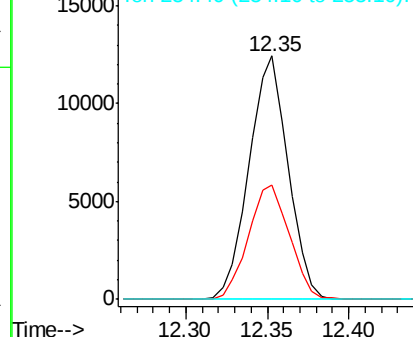
Tgt Ion:	173	Resp:	20693
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.6	70.8
254	0.0	0.0	0.0

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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

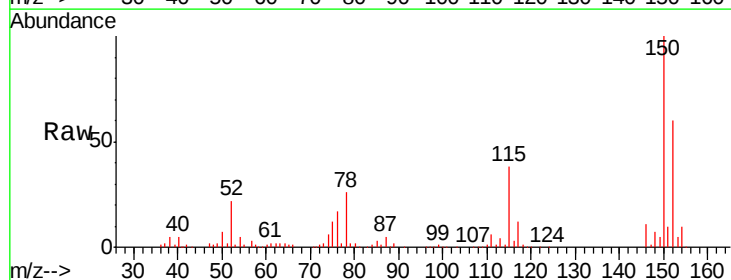
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

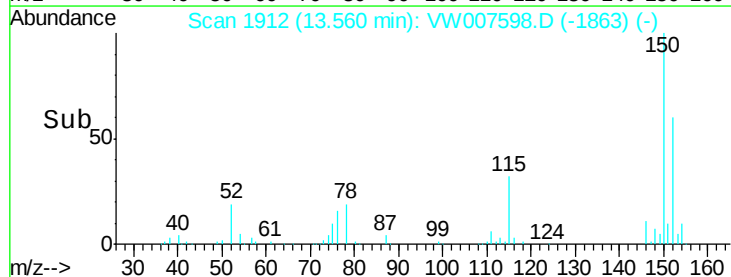
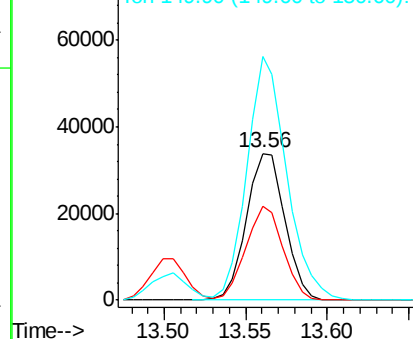
Lab File: VW007598.D

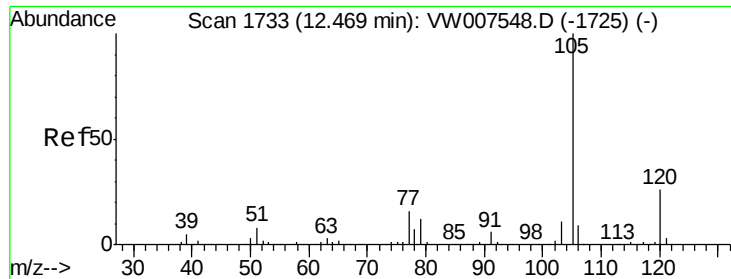
Acq: 15 Dec 2018 23:03

Tgt Ion:	152	Resp:	55471
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.4	94.2
150	171.7	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: 48.295 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 205274

Ion Ratio Lower Upper

105 100

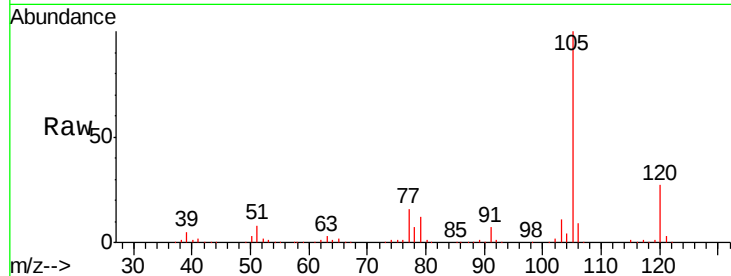
120 26.8 12.8 38.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

120000

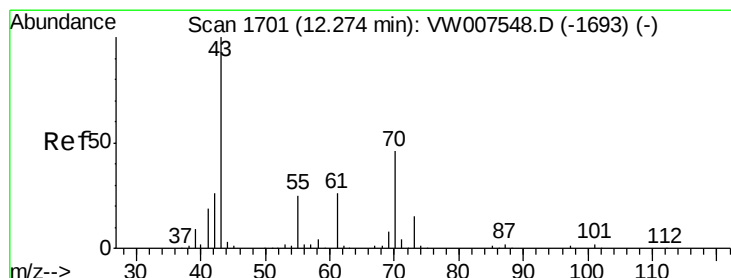
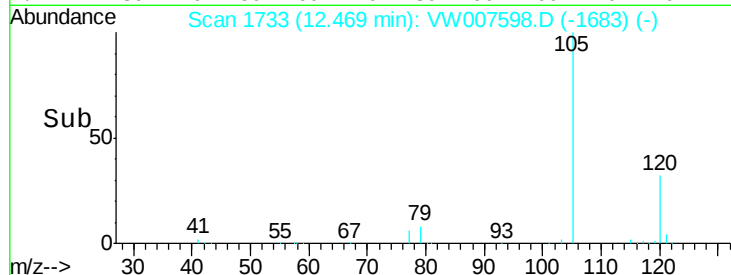
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 48.640 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion: 43 Resp: 37573

Ion Ratio Lower Upper

43 100

70 44.9 36.5 54.7

55 26.5 20.1 30.1

61 25.0 19.3 28.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

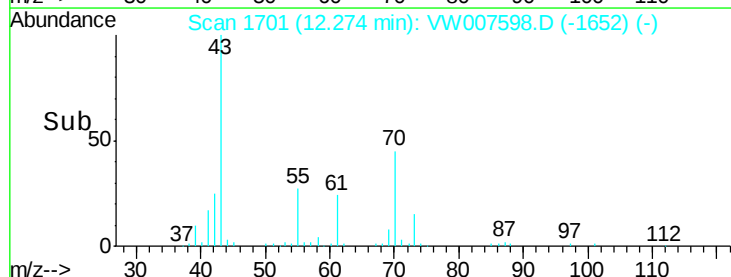
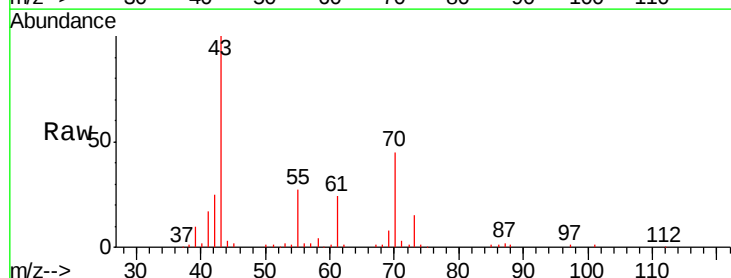
20000

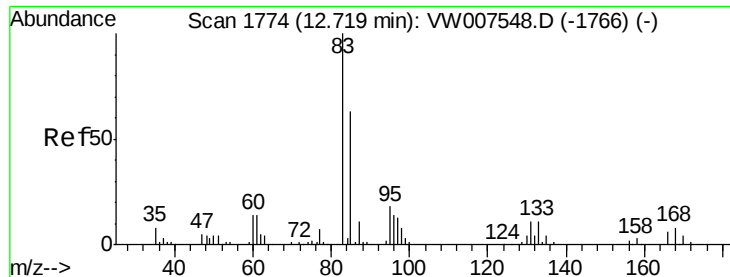
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.441 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

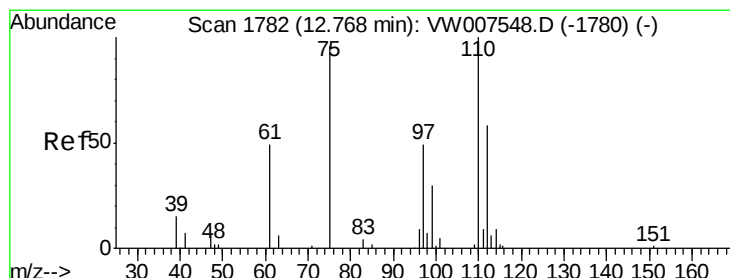
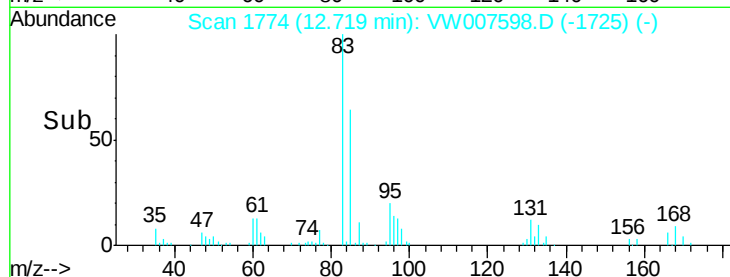
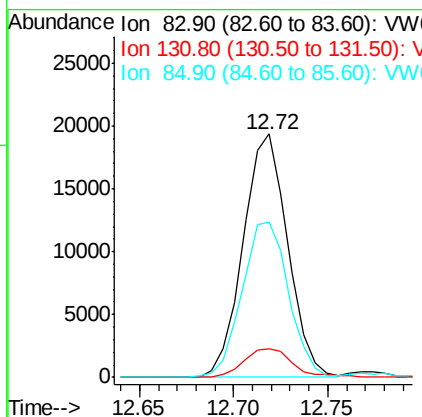
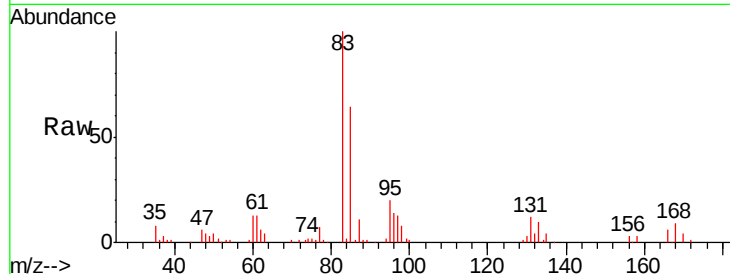
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	31754
Ion Ratio	Lower	Upper	
83	100		
131	12.9	5.9	17.8
85	66.3	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 55.753 ug/l m

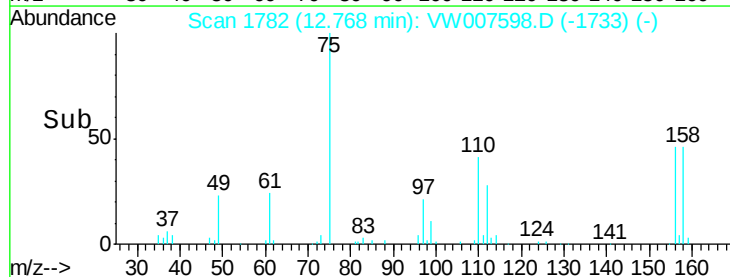
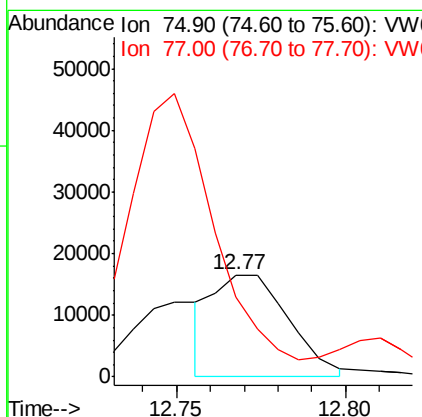
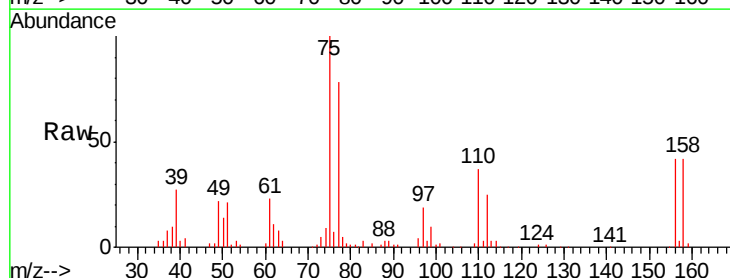
RT: 12.77 min Scan# 1782

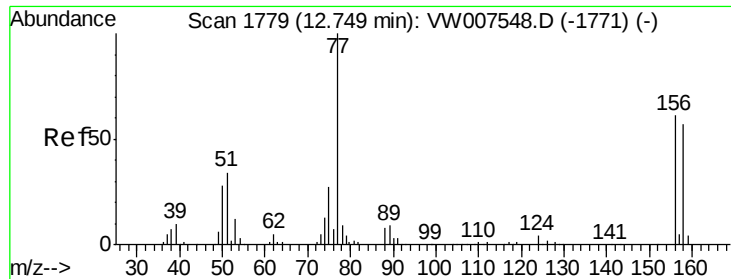
Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion:	75	Resp:	25500
Ion Ratio	Lower	Upper	
75	100		
77	328.1	166.9	500.8





#77

Bromobenzene

Concen: 49.586 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

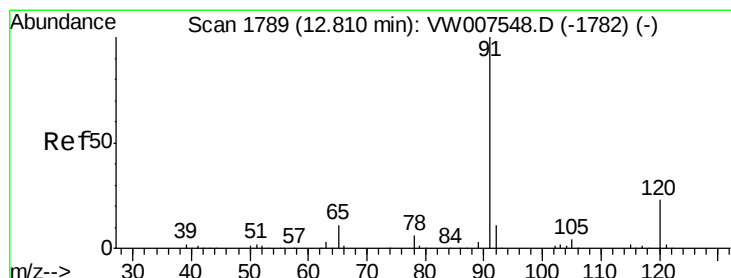
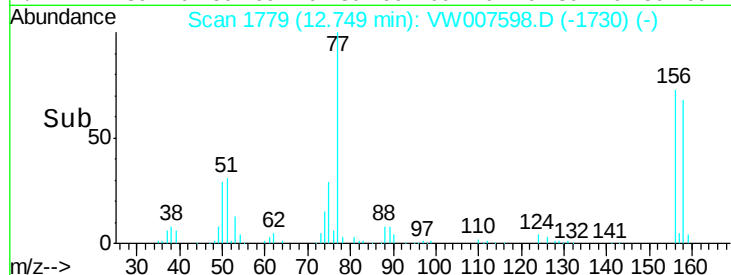
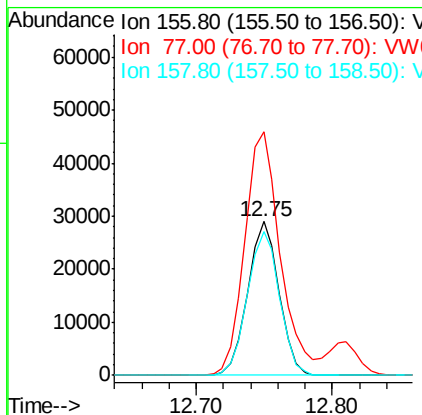
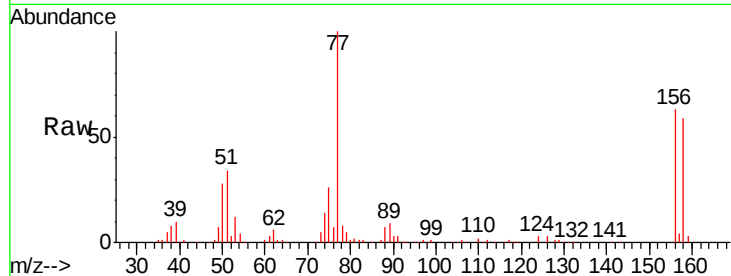
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.1	88.1	264.4
158	96.3	45.6	136.7

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#78

n-propylbenzene

Concen: 50.003 ug/l

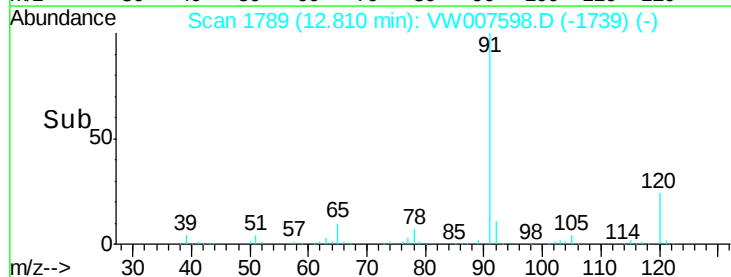
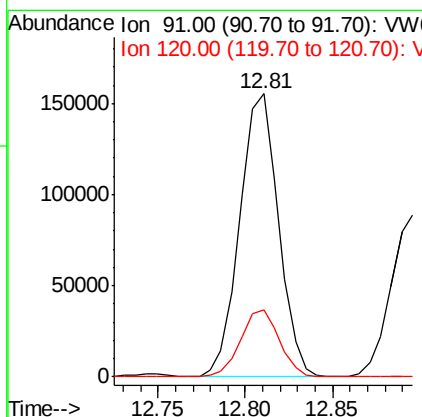
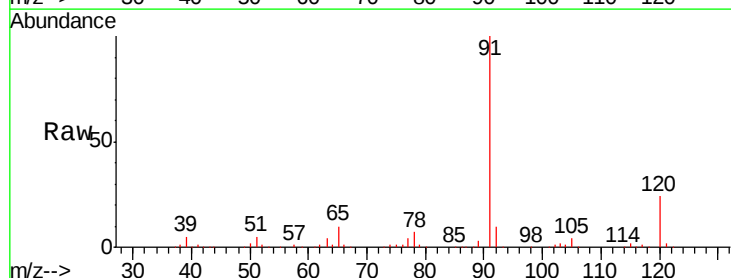
RT: 12.81 min Scan# 1789

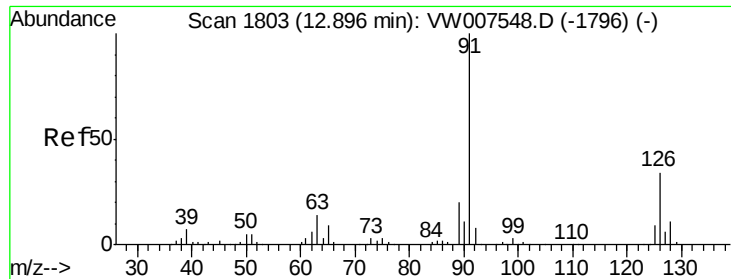
Delta R.T. 0.01 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5





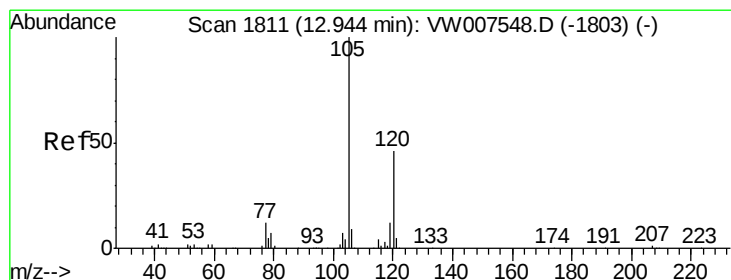
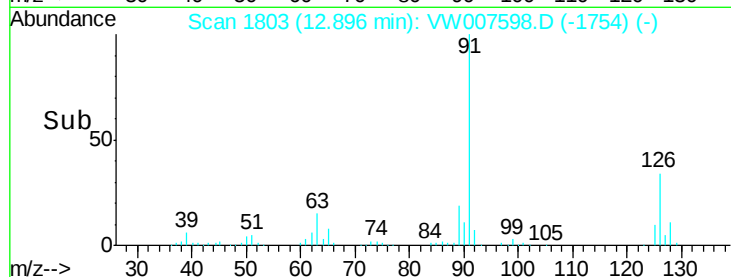
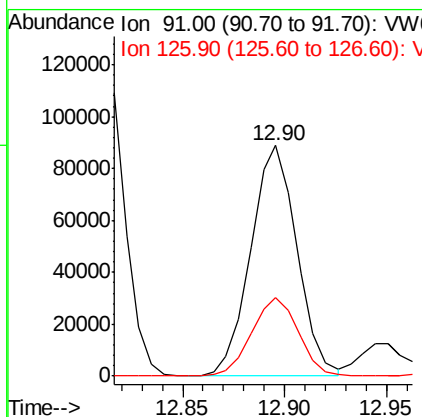
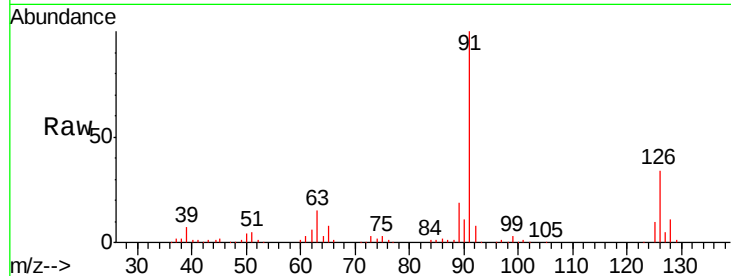
#79
 2-Chlorotoluene
 Concen: 48.555 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 140534
 Ion Ratio Lower Upper
 91 100
 126 34.2 15.9 47.6

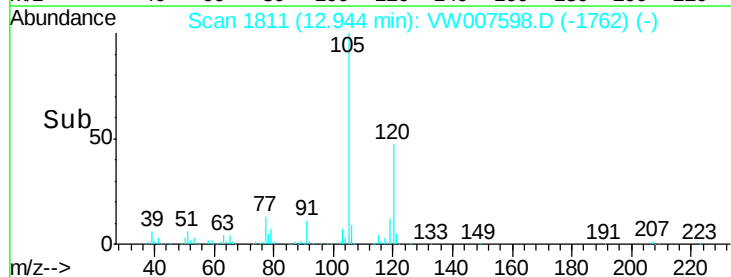
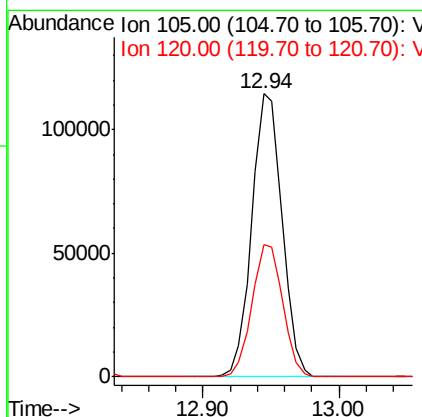
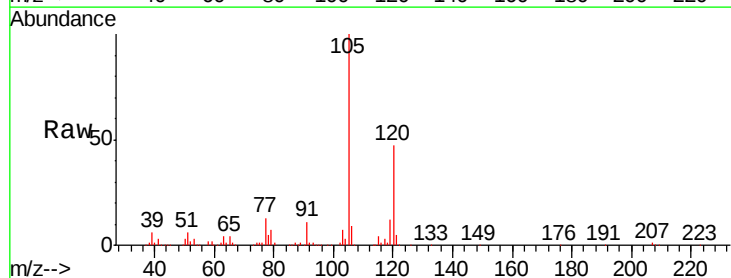
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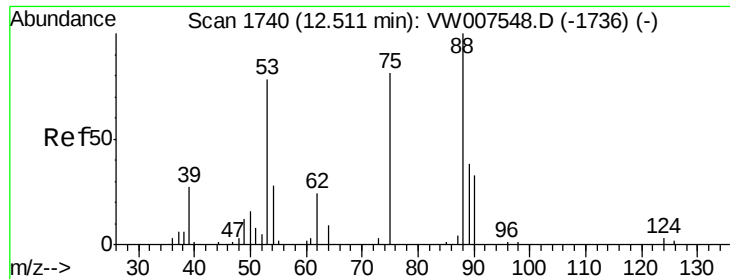
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.267 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion: 105 Resp: 179523
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.4





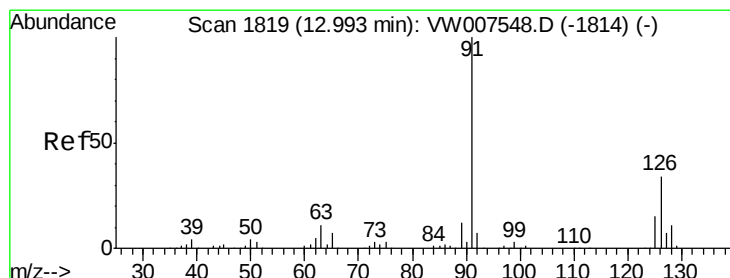
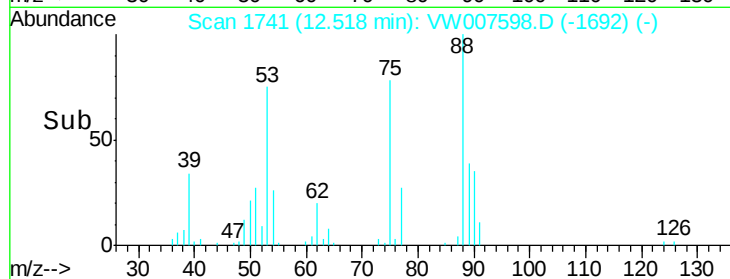
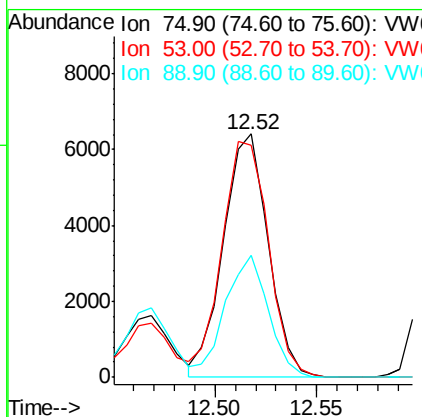
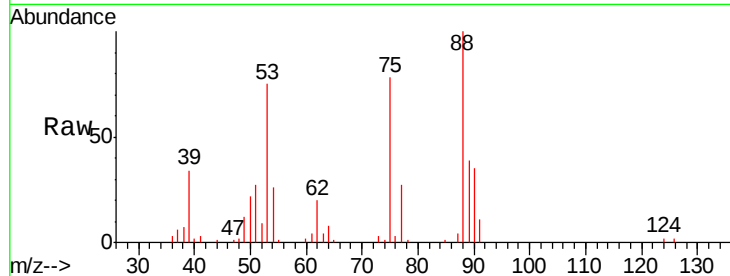
#81
trans-1,4-Dichloro-2-butene
Concen: 47.196 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.7	84.9	127.3
89	48.4	40.3	60.5

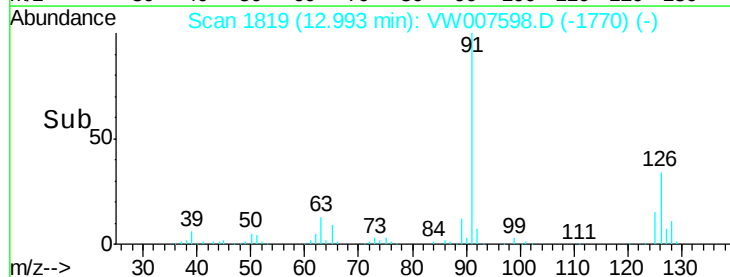
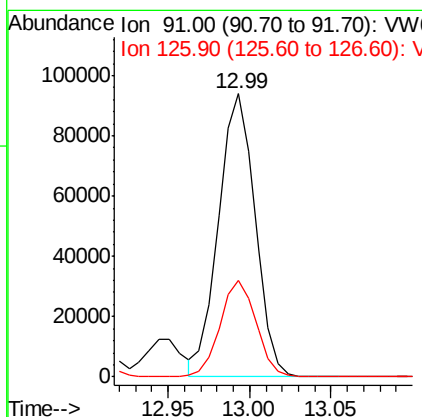
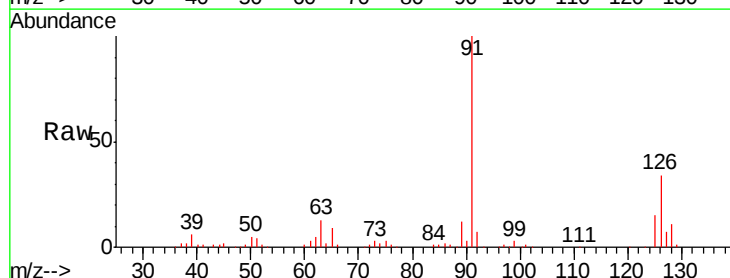
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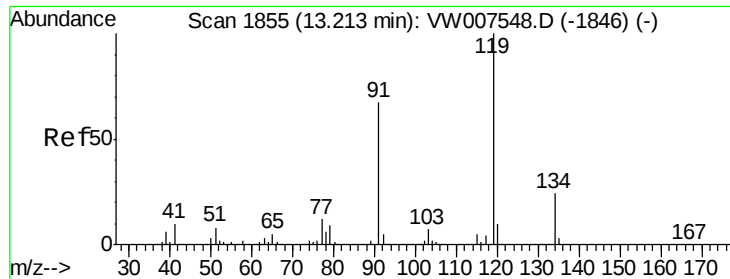
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#82
4-Chlorotoluene
Concen: 48.125 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.0	48.0





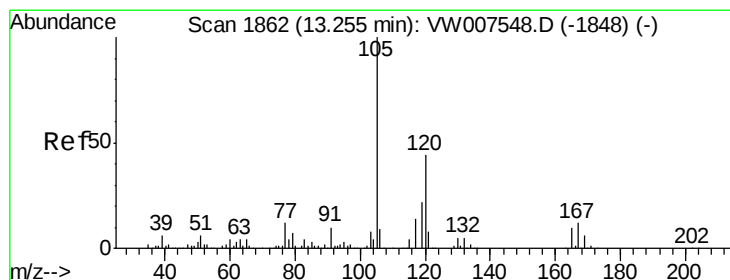
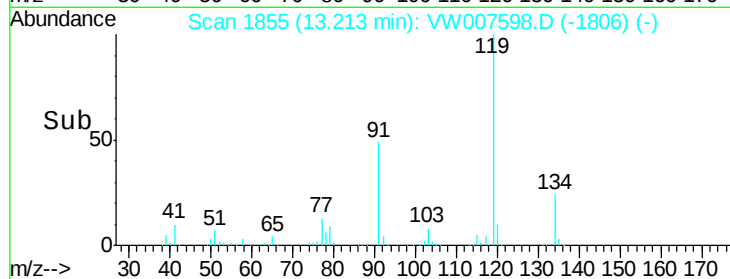
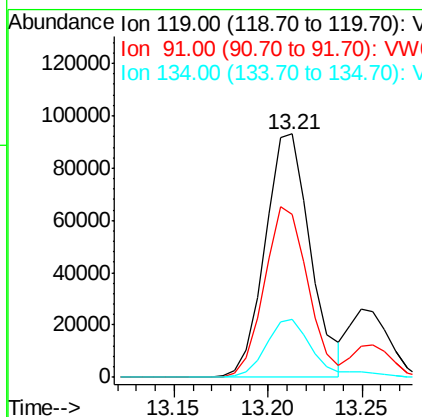
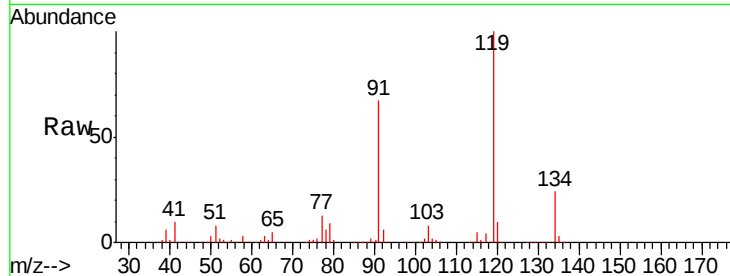
#83
 tert-Butylbenzene
 Concen: 49.379 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	155391		
91	67.3	33.1	99.2	
134	25.1	12.5	37.5	

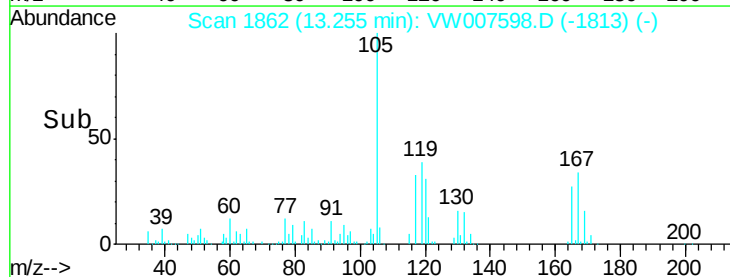
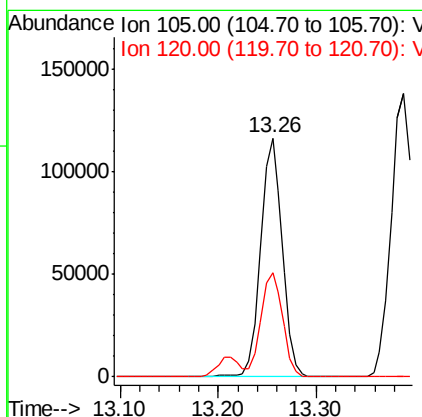
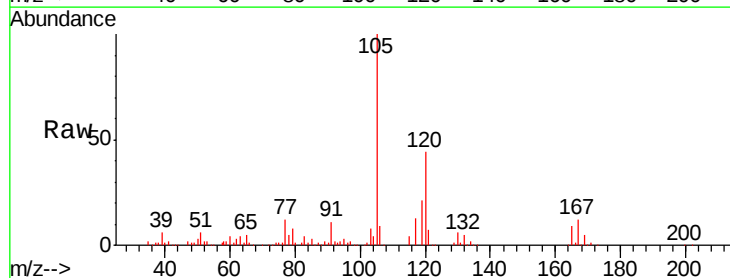
Manual Integrations
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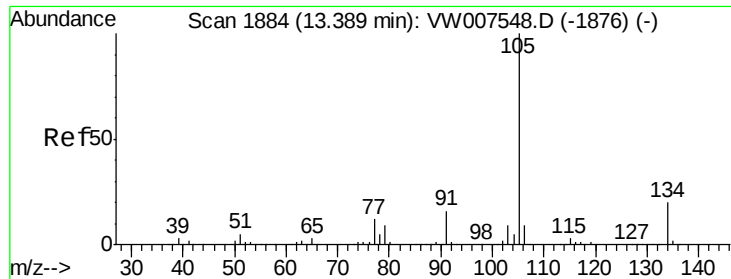
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.791 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	179314		
120	44.2	22.6	67.7	





#85

sec-Butylbenzene

Concen: 49.700 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 213504

Ion Ratio Lower Upper

105 100

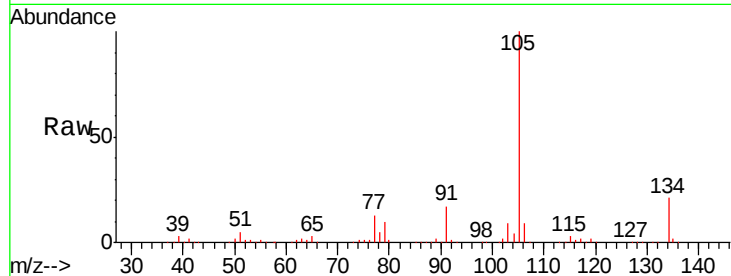
134 20.3 11.1 33.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

50000

0

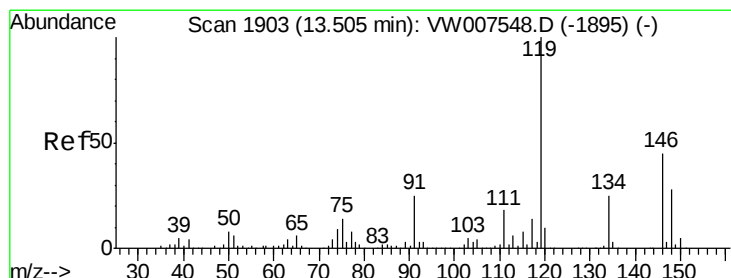
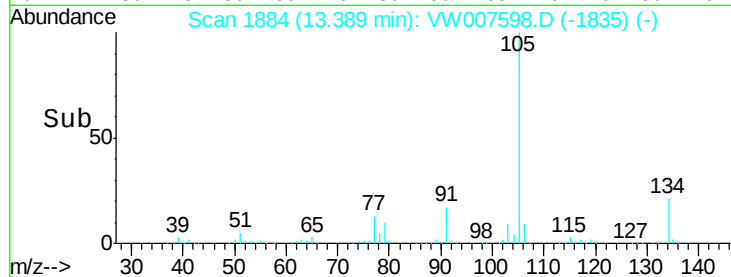
13.39

13.35

13.40

13.45

Time-->



#86

p-Isopropyltoluene

Concen: 49.985 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007598.D

Acq: 15 Dec 2018 23:03

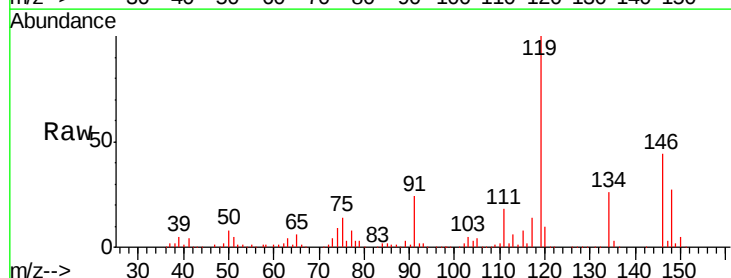
Tgt Ion:119 Resp: 192909

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.9 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

100000

50000

0

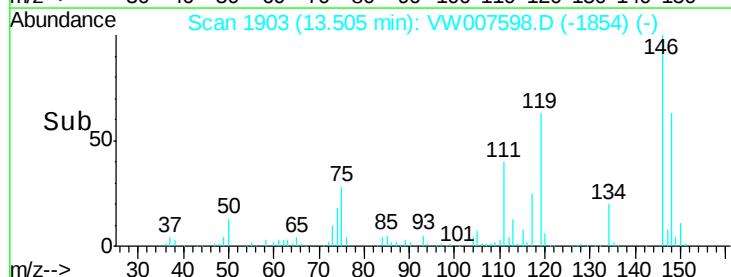
13.51

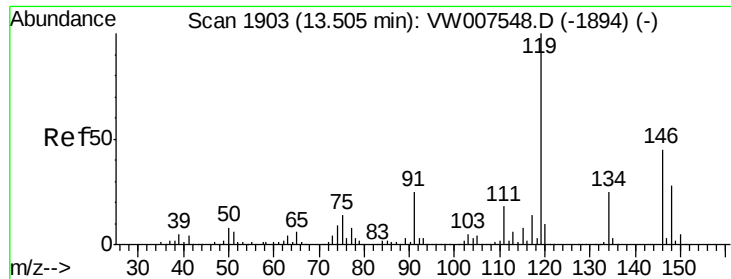
13.45

13.50

13.55

Time-->





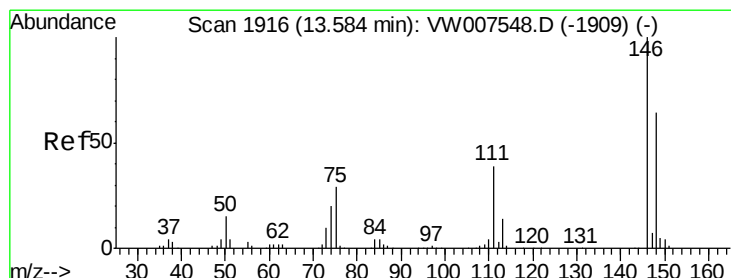
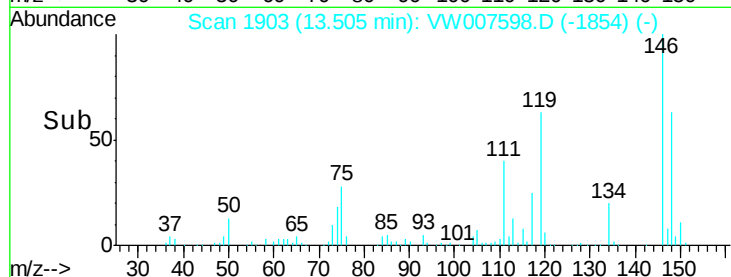
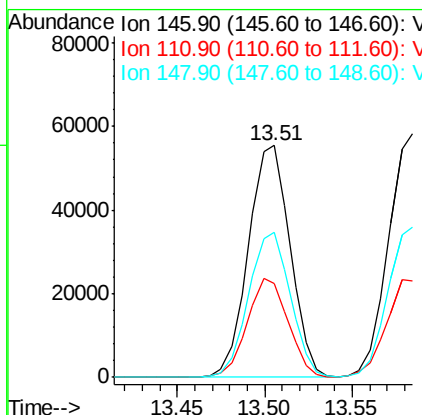
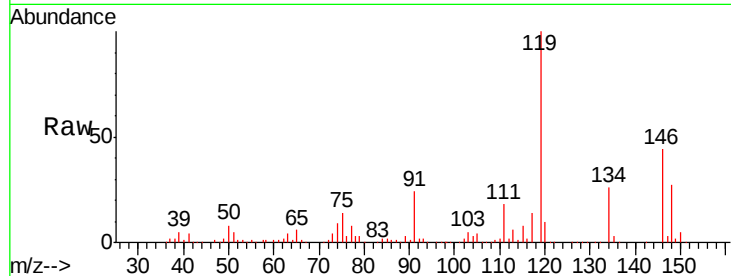
#87
 1,3-Dichlorobenzene
 Concen: 49.025 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.3
148	62.9	31.4	94.0

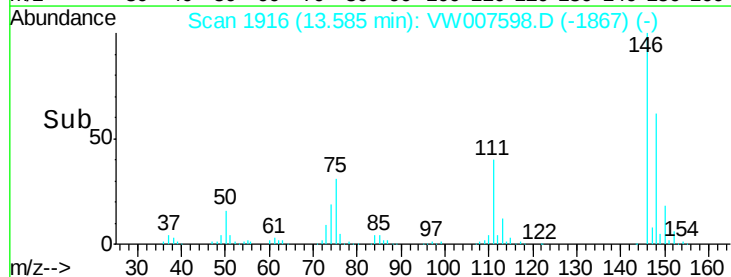
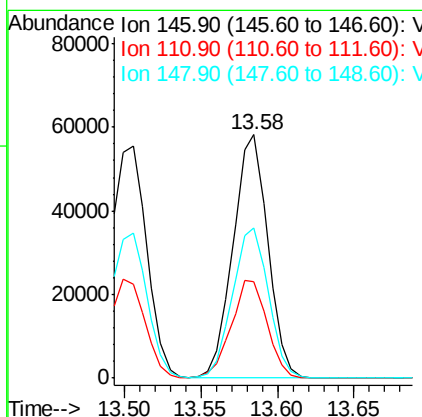
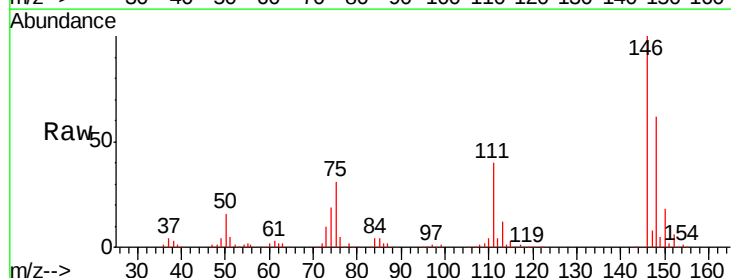
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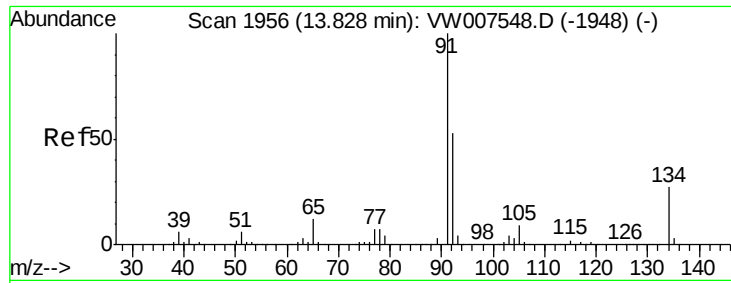
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#88
 1,4-Dichlorobenzene
 Concen: 48.567 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	63.7	33.5	100.5





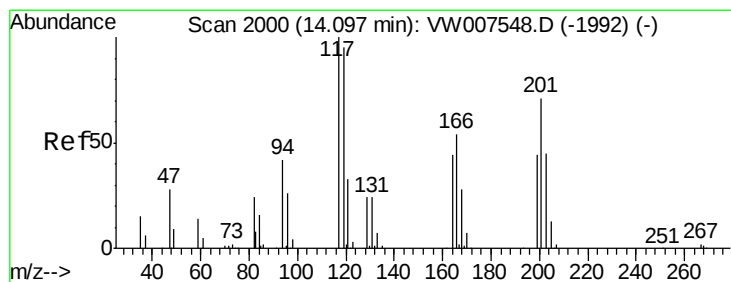
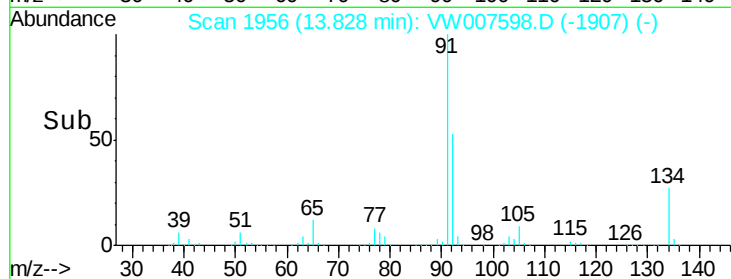
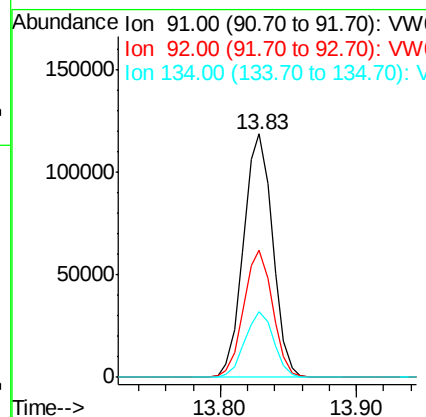
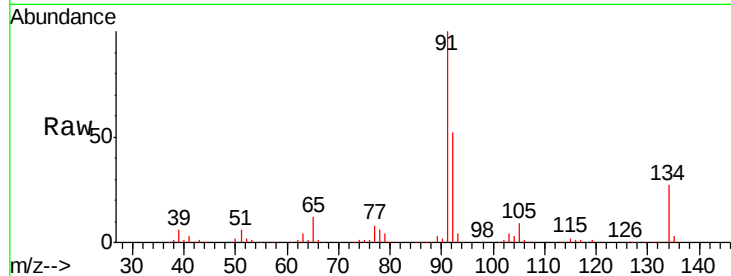
#89
n-Butylbenzene
Concen: 49.630 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 177562
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.1
134 26.8 13.4 40.2

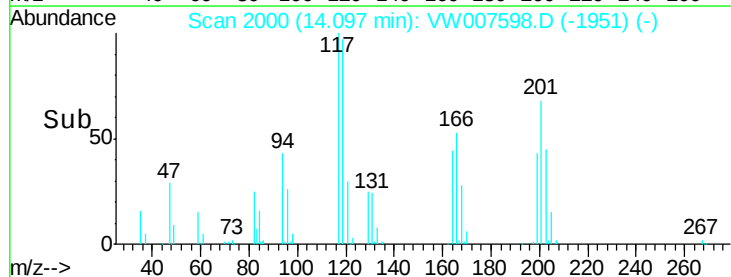
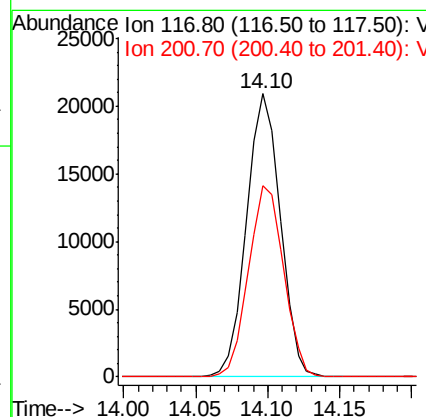
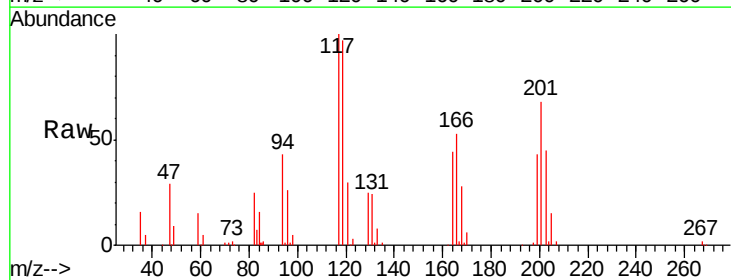
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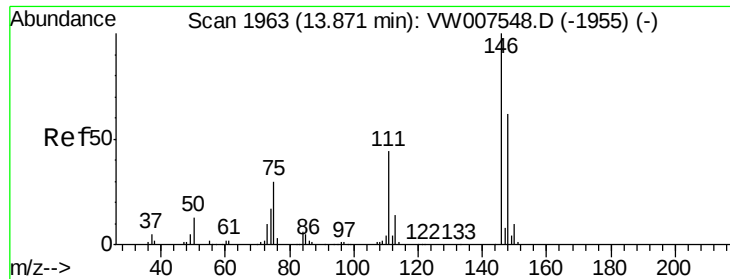
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#90
Hexachloroethane
Concen: 49.557 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion: 117 Resp: 34030
Ion Ratio Lower Upper
117 100
201 70.1 35.3 105.9





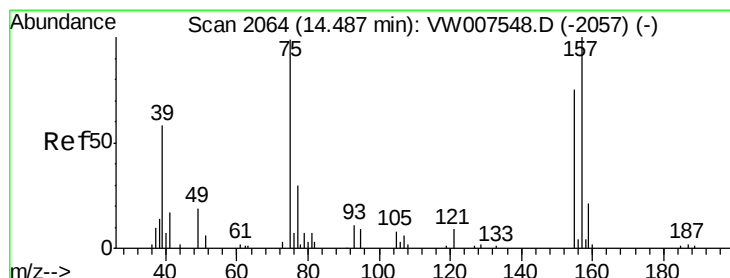
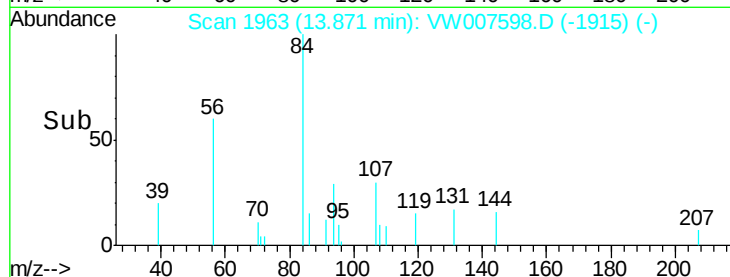
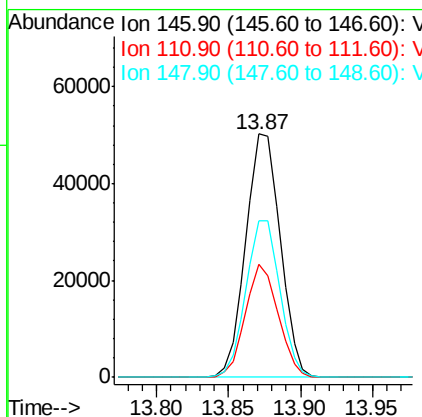
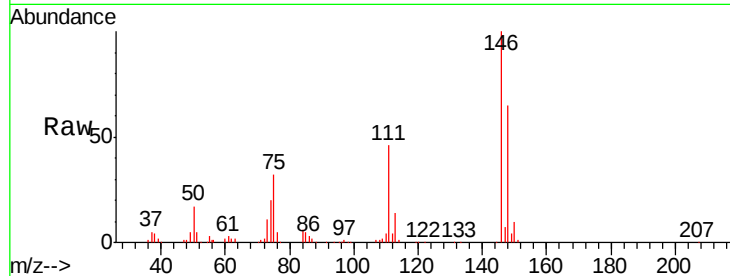
#91
 1,2-Dichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.2
148	63.4	32.4	97.2

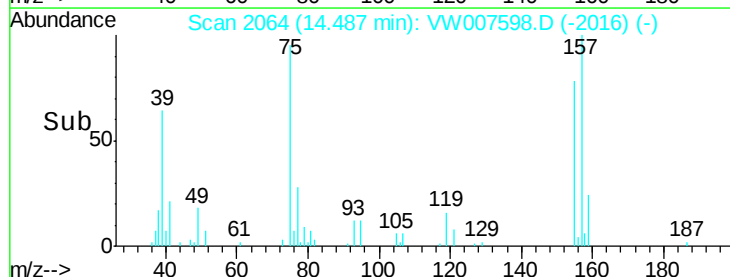
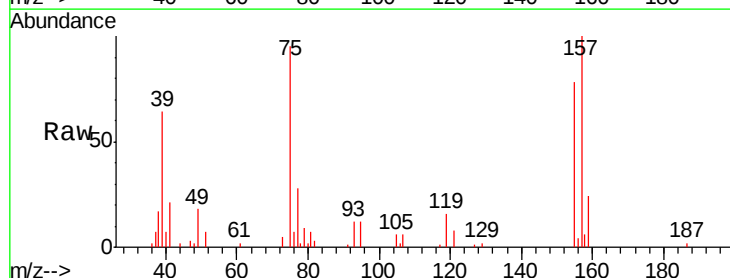
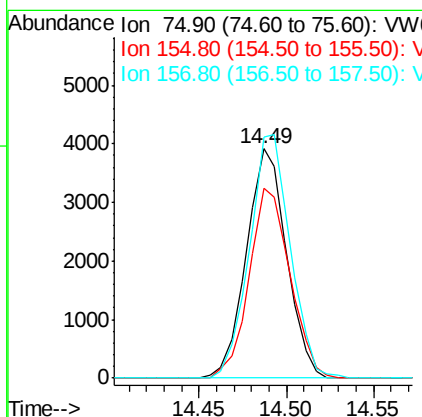
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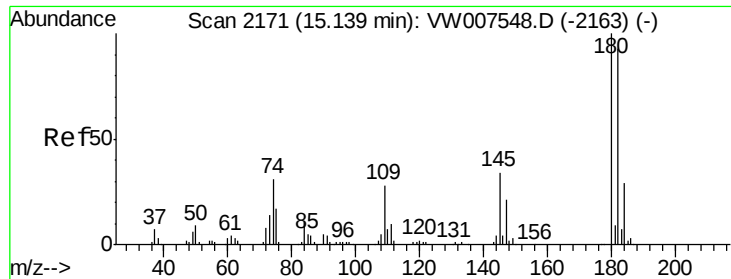
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.622 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007598.D
 Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	40.8	122.2
157	108.6	51.1	153.4





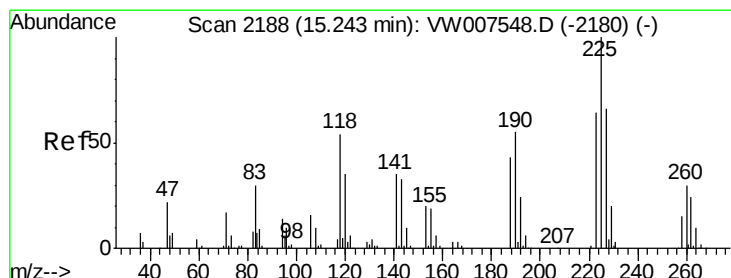
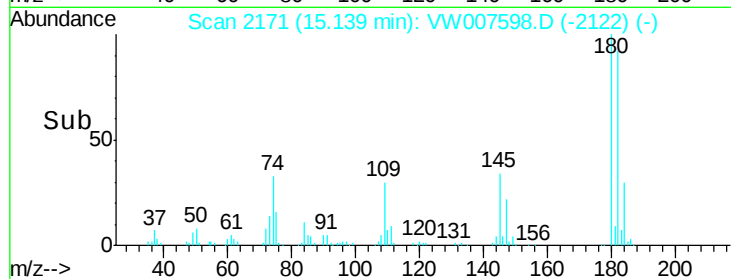
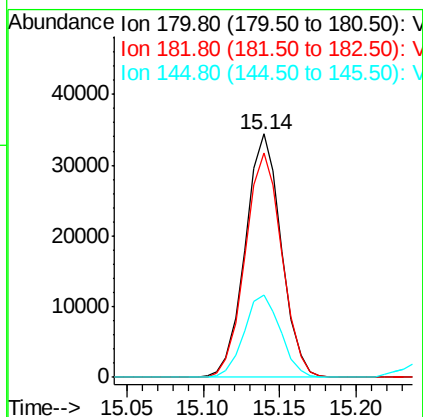
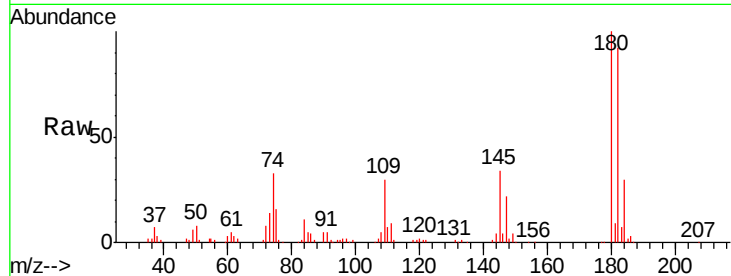
#93
1,2,4-Trichlorobenzene
Concen: 48.451 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56099		
182	93.9	49.9	149.6	
145	34.2	17.8	53.4	

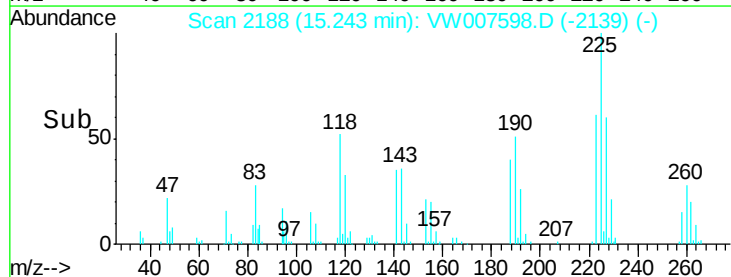
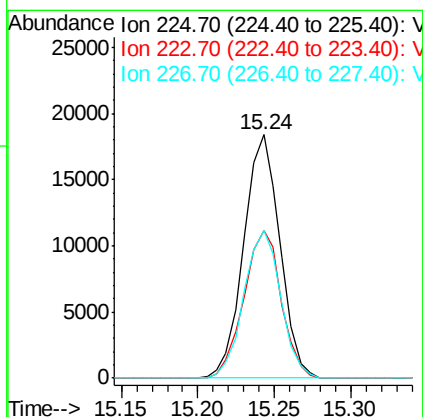
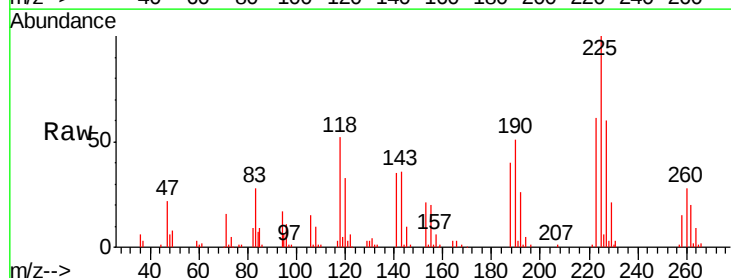
Manual Integrations
APPROVED

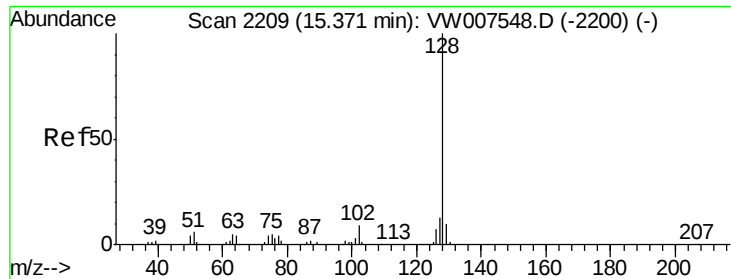
apatel
12/17/2018 4:40:19 PM



#94
Hexachlorobutadiene
Concen: 49.152 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30196		
223	62.7	32.1	96.3	
227	61.7	31.9	95.9	





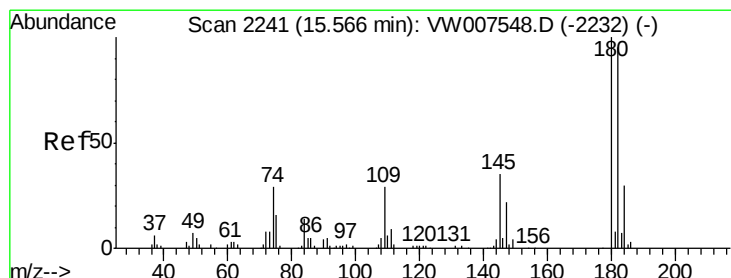
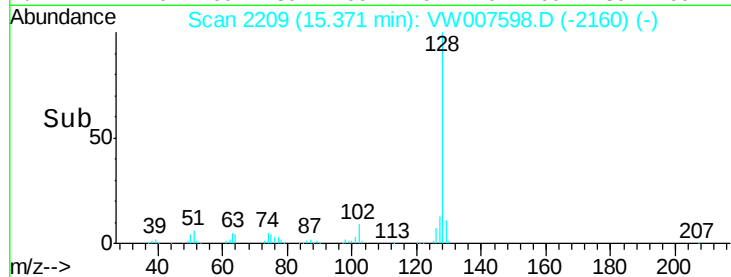
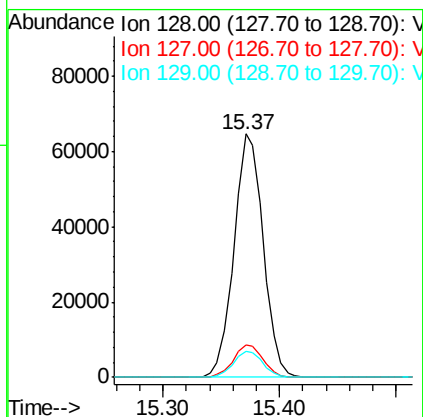
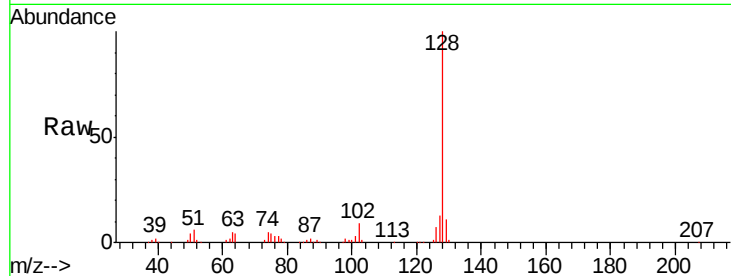
#95
Naphthalene
Concen: 50.996 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	10.9	8.3	12.5

Manual Integrations
APPROVED

apatel
12/17/2018 4:40:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.323 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007598.D
Acq: 15 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	45.6	136.7
145	36.7	17.5	52.5

