

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007905.D
 Acq On : 24 Dec 2018 23:38
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:17:08 AM

Quant Time: Dec 25 03:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	8652	9.79	ug/l	0.00
Spiked Amount			Recovery	=	19.58%	
35) Dibromofluoromethane	7.88	113	7641	9.23	ug/l	0.00
Spiked Amount			Recovery	=	18.46%	
50) Toluene-d8	10.32	98	29656	9.48	ug/l	0.00
Spiked Amount			Recovery	=	18.96%	
62) 4-Bromofluorobenzene	12.62	95	11670	9.66	ug/l	0.00
Spiked Amount			Recovery	=	19.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	5965	8.659	ug/l	95
3) Chloromethane	2.21	50	5715	12.632	ug/l	100
4) Vinyl Chloride	2.37	62	7117	12.454	ug/l	96
5) Bromomethane	2.78	94	4672	11.842	ug/l	90
6) Chloroethane	2.93	64	3879	12.618	ug/l #	88
7) Trichlorofluoromethane	3.25	101	4775	8.530	ug/l	97
8) Diethyl Ether	3.68	74	4271	12.001	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	8636	10.318	ug/l	98
10) Methyl Iodide	4.26	142	14062	10.526	ug/l	99
11) Tert butyl alcohol	5.17	59	3638	60.426	ug/l	98
12) 1,1-Dichloroethene	4.03	96	8258	10.611	ug/l	98
13) Acrolein	3.89	56	2312	50.900	ug/l	98
14) Allyl chloride	4.66	41	12768	12.130	ug/l	99
15) Acrylonitrile	5.37	53	8878	57.482	ug/l	97
16) Acetone	4.12	43	8298	51.499	ug/l	90
17) Carbon Disulfide	4.37	76	22768	9.564	ug/l	97
18) Methyl Acetate	4.67	43	5429	13.288	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	14606	12.600	ug/l	98
20) Methylene Chloride	4.91	84	19292	19.220	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	9104	10.599	ug/l	99
22) Diisopropyl ether	6.31	45	24058	12.140	ug/l #	96
23) Vinyl Acetate	6.26	43	66661	57.212	ug/l	98
24) 1,1-Dichloroethane	6.21	63	16088	11.244	ug/l	99
25) 2-Butanone	7.17	43	11213	57.334	ug/l	95
26) 2,2-Dichloropropane	7.16	77	10912	10.620	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	10144	11.000	ug/l	98
28) Bromochloromethane	7.51	49	5374	10.940	ug/l	92
29) Tetrahydrofuran	7.53	42	7252	61.373	ug/l	98
30) Chloroform	7.68	83	17535	10.951	ug/l	93
31) Cyclohexane	7.95	56	14892	11.435	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	14716	10.176	ug/l	97
36) 1,1-Dichloropropene	8.09	75	13070	10.099	ug/l	98
37) Ethyl Acetate	7.25	43	4747	10.336	ug/l #	93
38) Carbon Tetrachloride	8.07	117	13172	8.791	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15799	9.812	ug/l	93
40) Benzene	8.32	78	36239	10.398	ug/l	97
41) Methacrylonitrile	7.48	41	2988	11.109	ug/l	96
42) 1,2-Dichloroethane	8.40	62	11721	10.071	ug/l	100
43) Isopropyl Acetate	8.42	43	10118	10.979	ug/l	97
44) Trichloroethene	9.09	130	10206	9.793	ug/l	95
45) 1,2-Dichloropropane	9.37	63	8463	10.840	ug/l	99
46) Dibromomethane	9.46	93	4984	10.526	ug/l	98
47) Bromodichloromethane	9.65	83	11970	9.627	ug/l	97
48) Methyl methacrylate	9.44	41	4916	10.653	ug/l	99
49) 1,4-Dioxane	9.45	88	1551	204.639	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	23846	54.412	ug/l	100
52) Toluene	10.39	92	25048	10.745	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	12369	9.936	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	14011	10.190	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	6688	10.141	ug/l	97
56) Ethyl methacrylate	10.65	69	8129	10.400	ug/l	98
57) 1,3-Dichloropropane	10.93	76	11836	10.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	20490	56.966	ug/l	99
59) 2-Hexanone	10.97	43	16074	52.364	ug/l	100
60) Dibromochloromethane	11.13	129	7636	8.893	ug/l	98
61) 1,2-Dibromoethane	11.24	107	6767	10.153	ug/l	98
64) Tetrachloroethene	10.86	164	8501	9.803	ug/l	98
65) Chlorobenzene	11.66	112	27234	10.258	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	9088	9.639	ug/l	99
67) Ethyl Benzene	11.73	91	47288	10.350	ug/l	98
68) m/p-Xylenes	11.84	106	36348	20.593	ug/l	100
69) o-Xylene	12.17	106	16982	10.242	ug/l	97
70) Styrene	12.18	104	27832	10.203	ug/l	99
71) Bromoform	12.35	173	4111	8.550	ug/l #	96
73) Isopropylbenzene	12.47	105	47885	10.465	ug/l	99
74) N-amyl acetate	12.27	43	9056	11.071	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	7425	10.679	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6820m	14.280	ug/l	
77) Bromobenzene	12.75	156	10469	10.004	ug/l	98
78) n-propylbenzene	12.81	91	55086	10.336	ug/l	100
79) 2-Chlorotoluene	12.90	91	33386	10.699	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	40873	10.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2125	9.565	ug/l	99
82) 4-Chlorotoluene	12.99	91	35156	10.630	ug/l	98
83) tert-Butylbenzene	13.21	119	35704	10.311	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	42221	10.594	ug/l	99
85) sec-Butylbenzene	13.39	105	49870	10.462	ug/l	99
86) p-Isopropyltoluene	13.51	119	44814	10.359	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	22084	10.612	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	21809	10.512	ug/l	97
89) n-Butylbenzene	13.83	91	40839	10.289	ug/l	99
90) Hexachloroethane	14.10	117	6606	8.814	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	19291	10.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1235	8.732	ug/l	89

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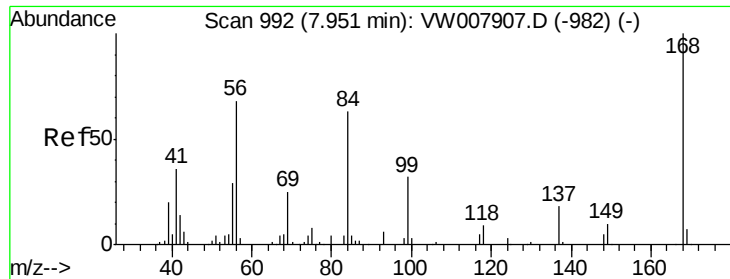
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	13165	10.236	ug/l	96
94) Hexachlorobutadiene	15.24	225	6661	9.710	ug/l	97
95) Naphthalene	15.38	128	24949	10.351	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	11264	10.183	ug/l	98

(#) = 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: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 78359

Ion Ratio Lower Upper

168 100

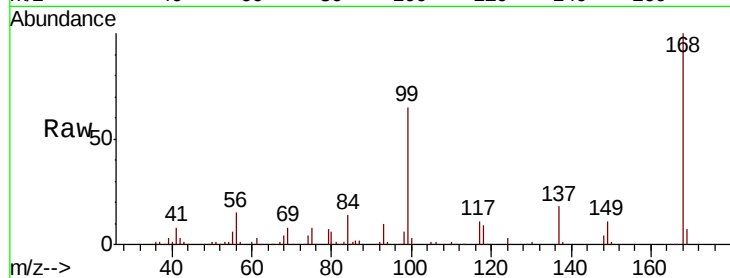
99 65.1 47.3 70.9

Manual Integrations

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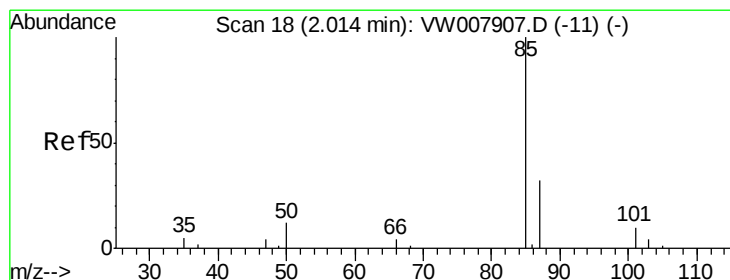
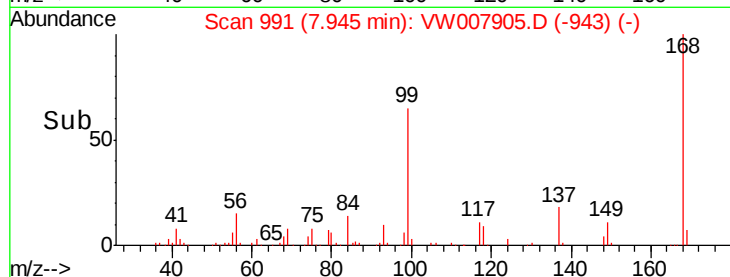
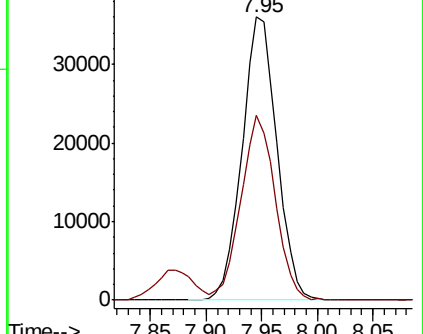
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 8.659 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007905.D

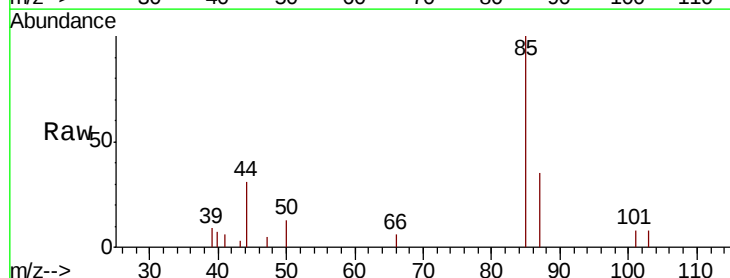
Acq: 24 Dec 2018 23:38

Tgt Ion: 85 Resp: 5965

Ion Ratio Lower Upper

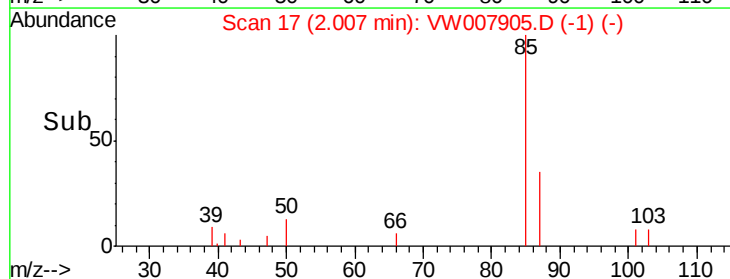
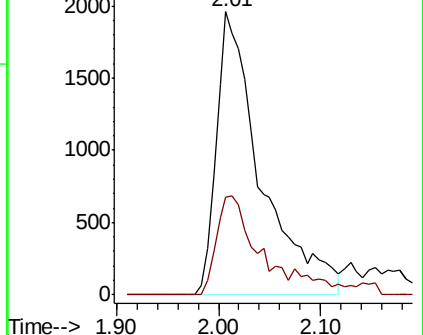
85 100

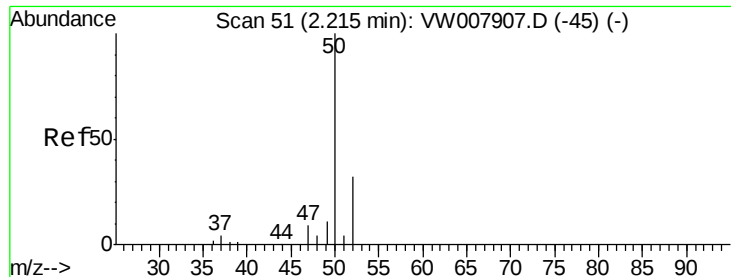
87 34.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 12.632 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 5715

Ion Ratio Lower Upper

50 100

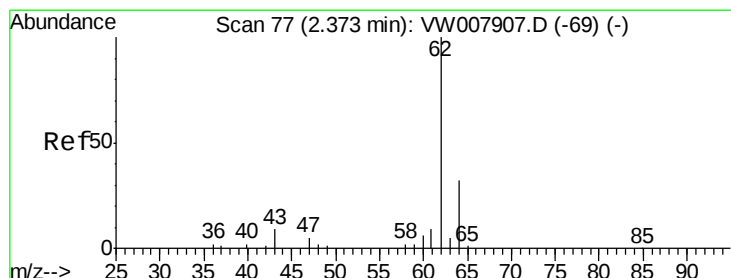
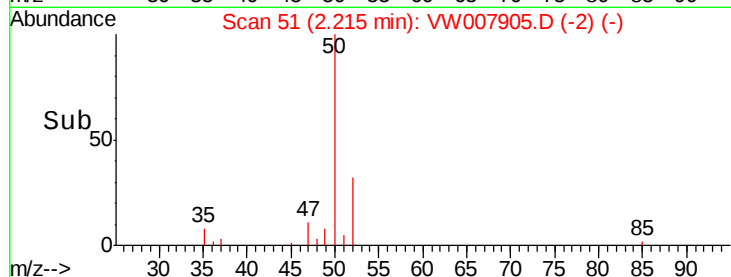
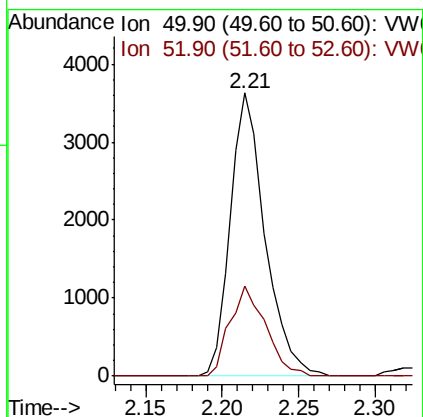
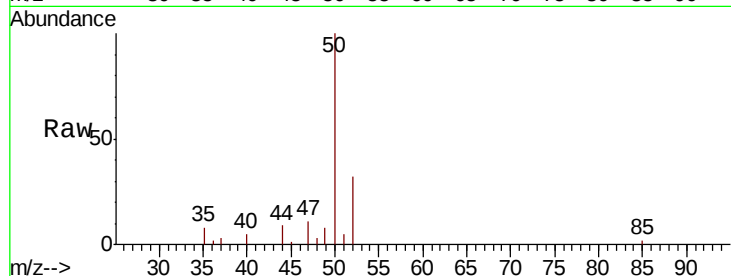
52 32.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 12.454 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW007905.D

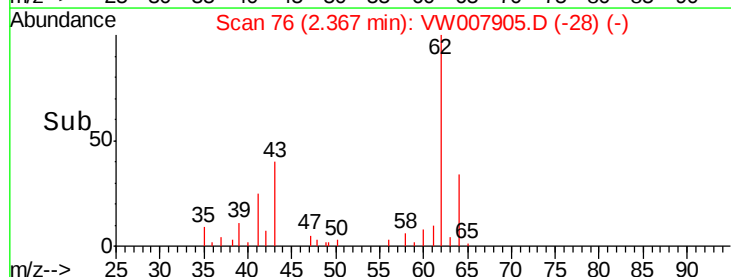
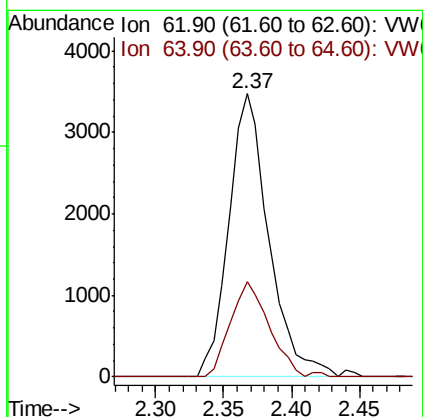
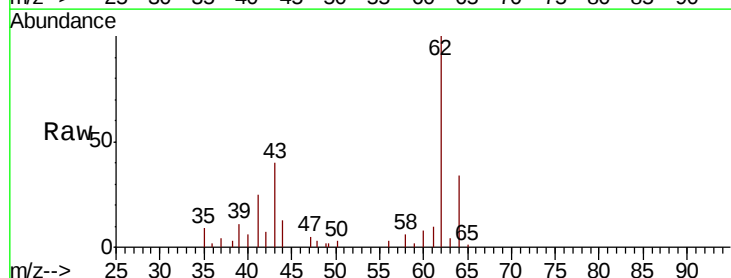
Acq: 24 Dec 2018 23:38

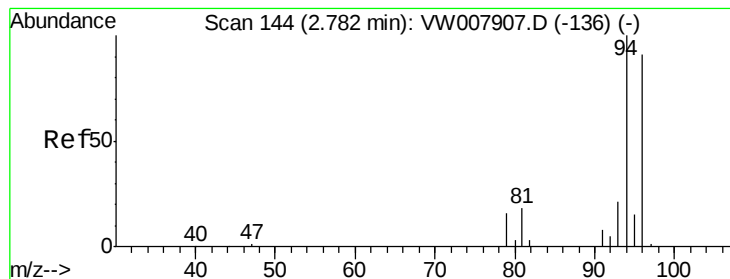
Tgt Ion: 62 Resp: 7117

Ion Ratio Lower Upper

62 100

64 33.7 25.3 37.9





#5

Bromomethane

Concen: 11.842 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

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Acq: 24 Dec 2018 23:38

Instrument :

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Tot Ion: 94 Resp: 4672

Ion Ratio Lower Upper

94 100

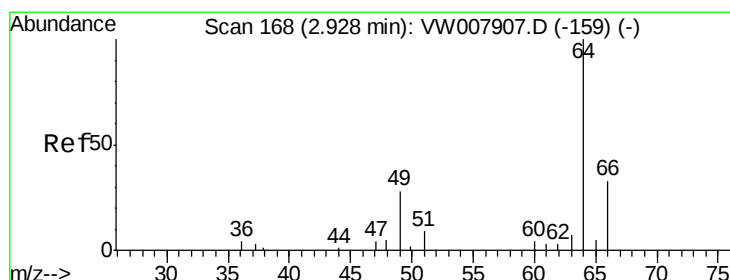
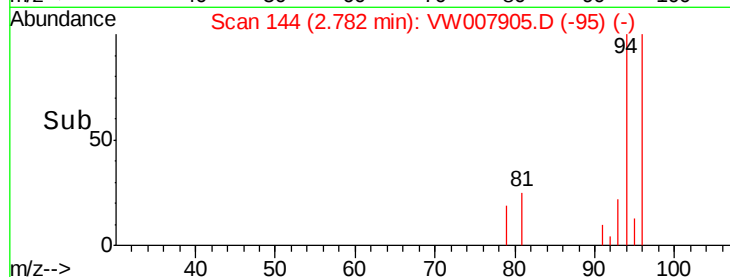
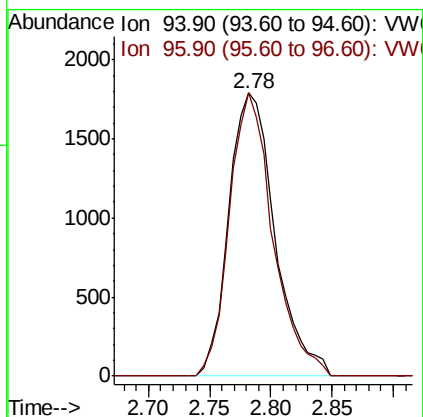
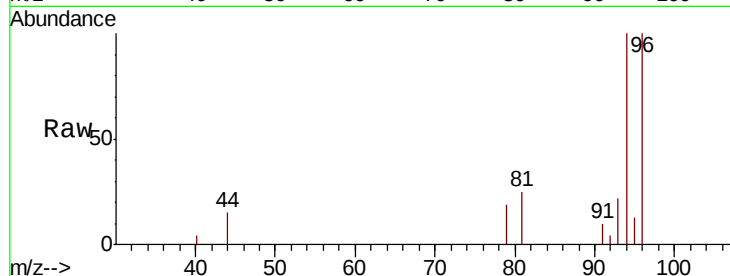
96 100.1 72.7 109.1

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#6

Chloroethane

Concen: 12.618 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007905.D

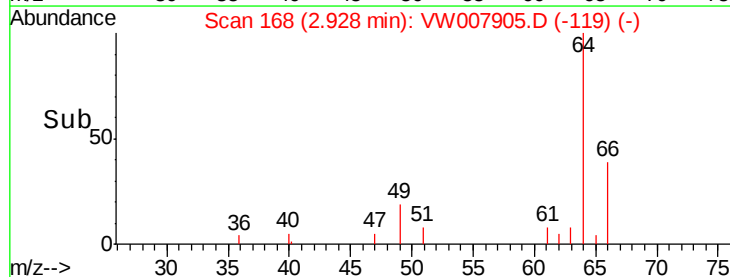
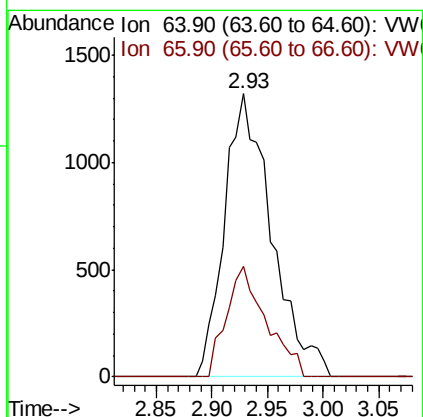
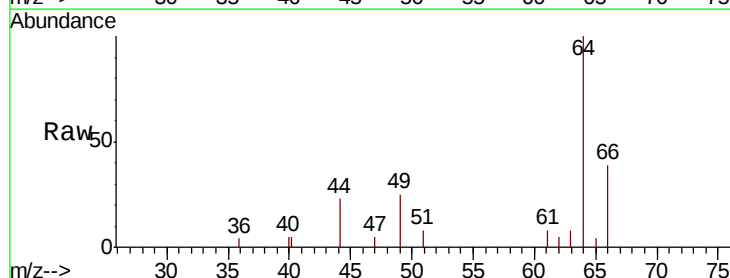
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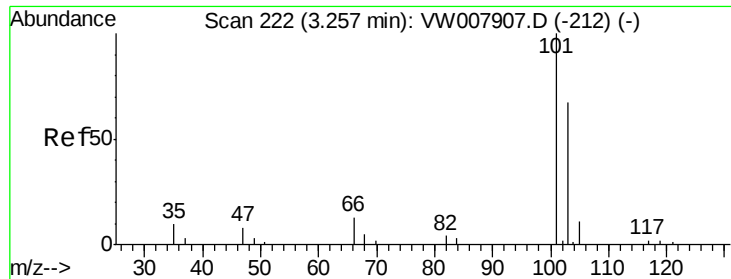
Tgt Ion: 64 Resp: 3879

Ion Ratio Lower Upper

64 100

66 39.2 26.2 39.2#





#7

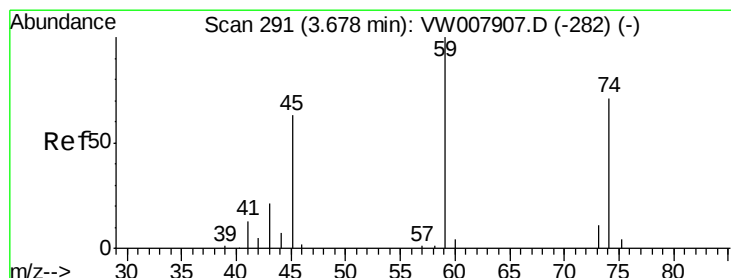
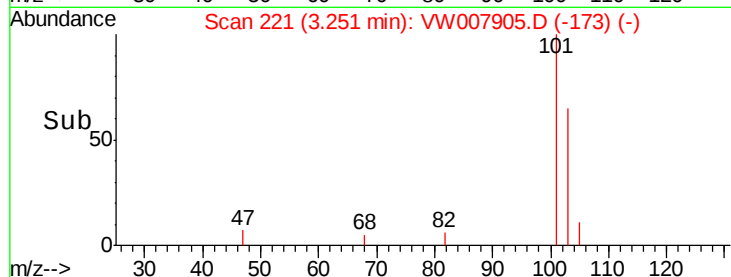
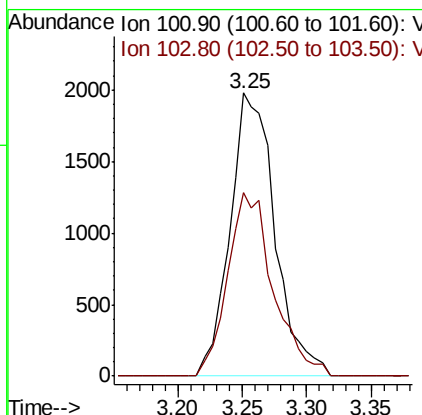
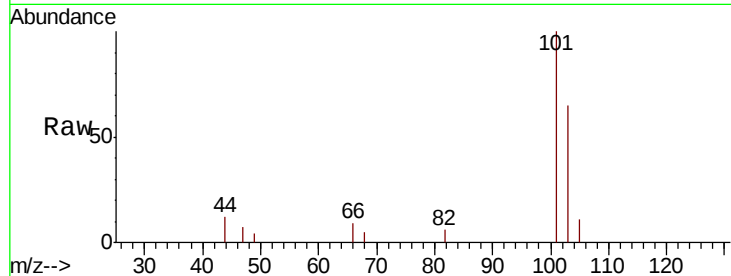
Trichlorofluoromethane
 Concen: 8.530 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007905.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		4775		
103	65.1	53.8	80.8		

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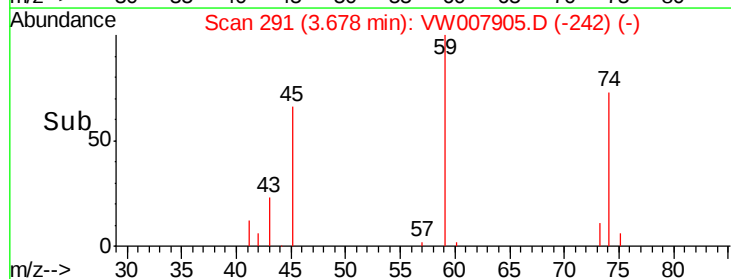
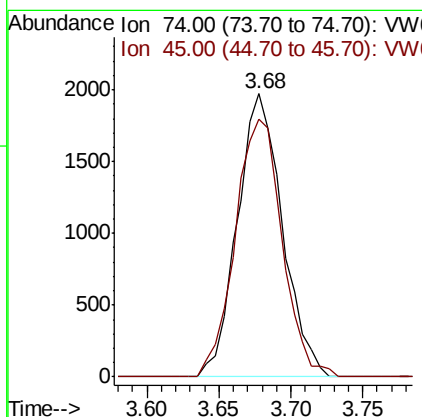
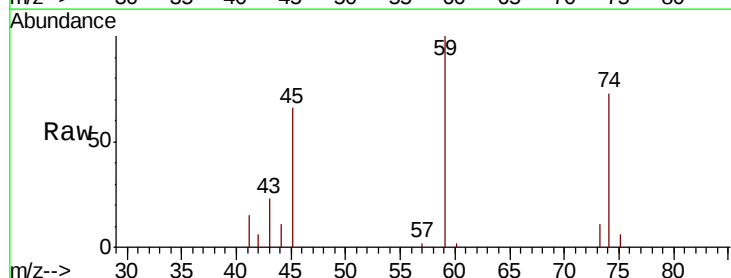
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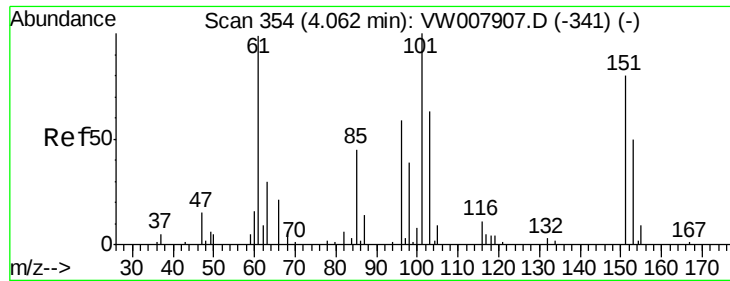


#8

Diethyl Ether
 Concen: 12.001 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		4271		
45	95.1	44.3	132.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.318 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007905.D

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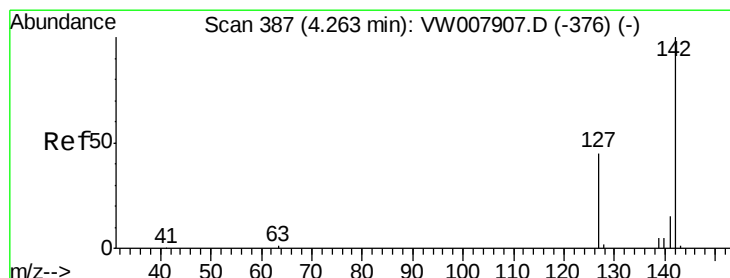
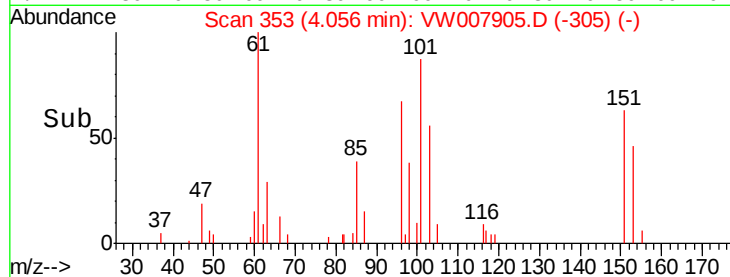
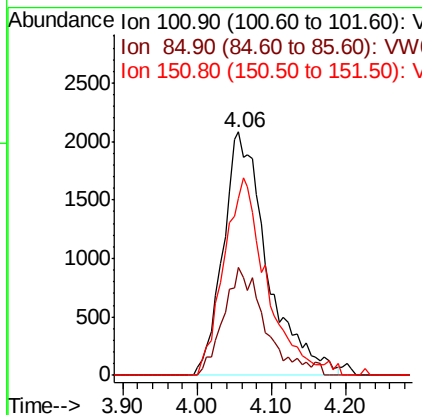
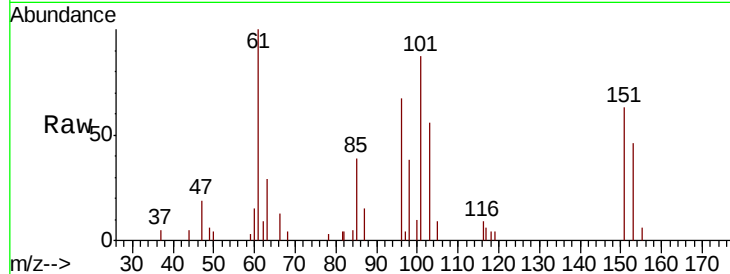
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	8636
Ion Ratio	Lower	Upper	
101	100		
85	42.0	35.8	53.6
151	77.8	63.2	94.8

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#10

Methyl Iodide

Concen: 10.526 ug/l

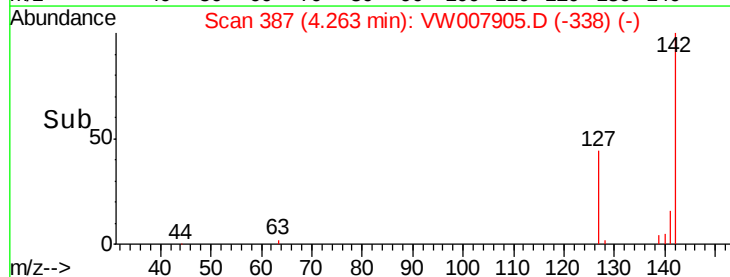
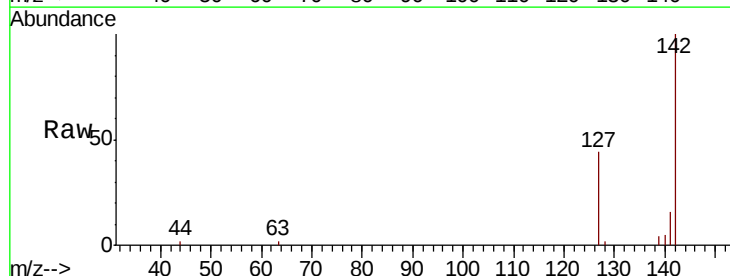
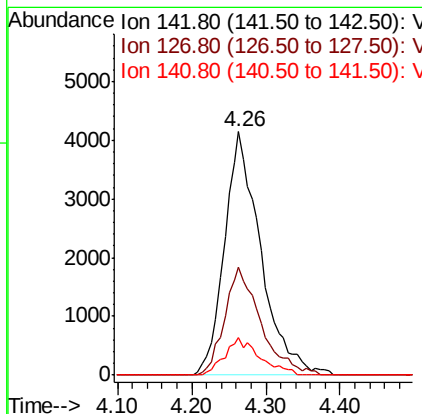
RT: 4.26 min Scan# 387

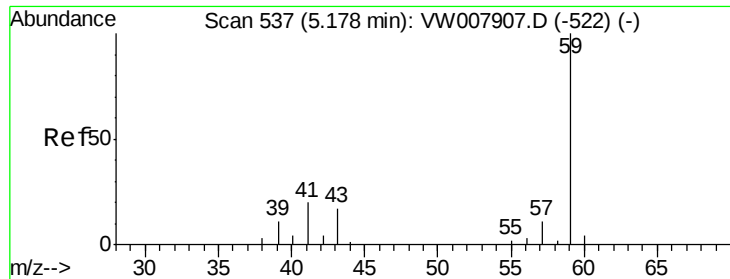
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	142	Resp:	14062
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.2	54.4
141	14.8	11.6	17.4





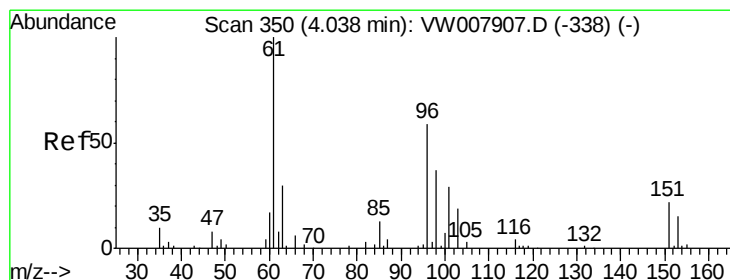
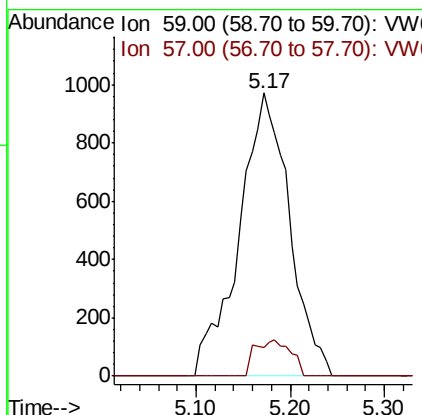
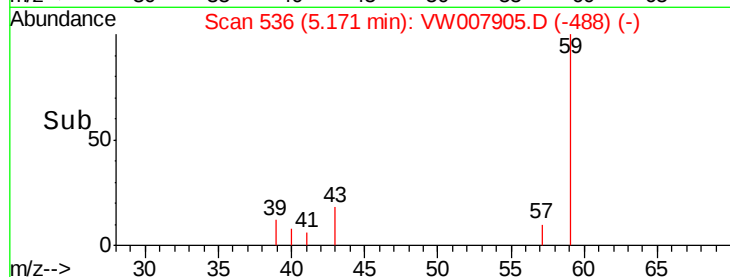
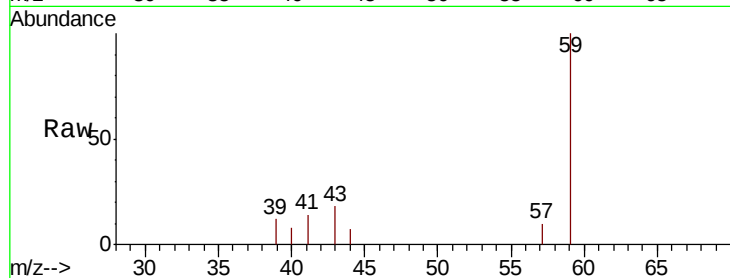
#11
Tert butyl alcohol
Concen: 60.426 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 59 Resp: 3638
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.6

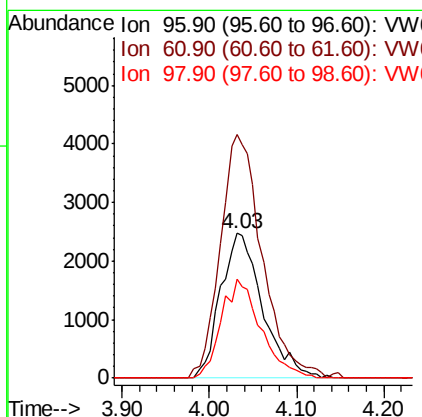
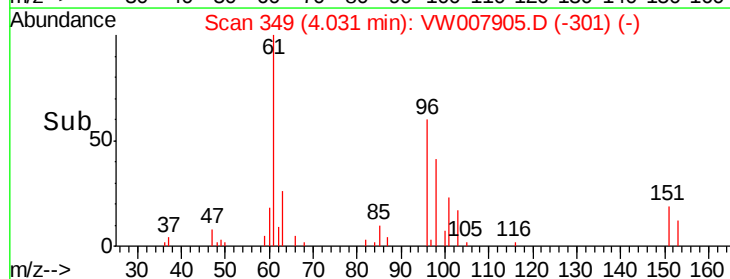
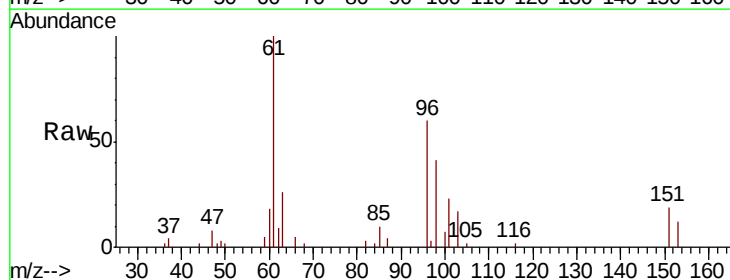
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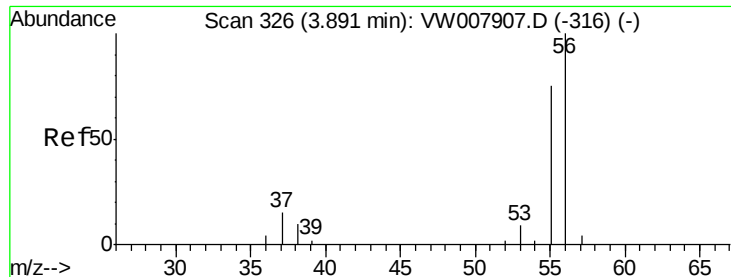
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#12
1,1-Dichloroethene
Concen: 10.611 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion: 96 Resp: 8258
Ion Ratio Lower Upper
96 100
61 167.9 134.5 201.7
98 68.5 50.2 75.2





#13

Acrolein

Concen: 50.900 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 2312

Ion Ratio Lower Upper

56 100

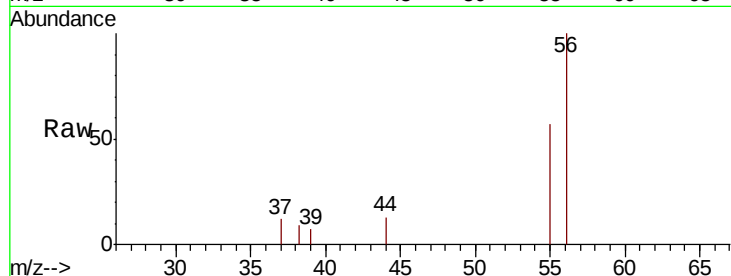
55 72.7 57.0 85.6

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

800

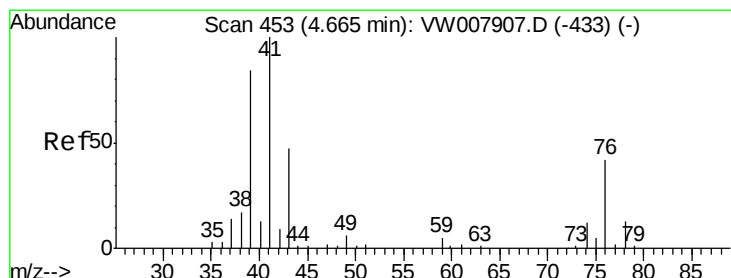
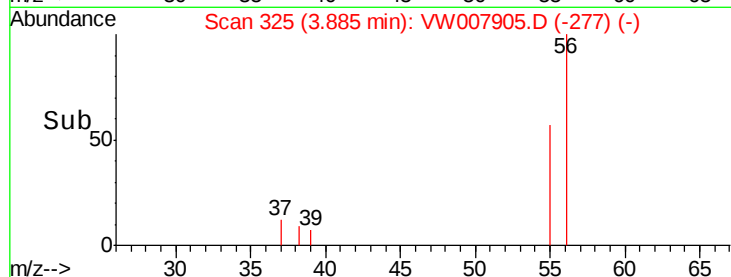
600

400

200

0

Time--> 3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 12.130 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

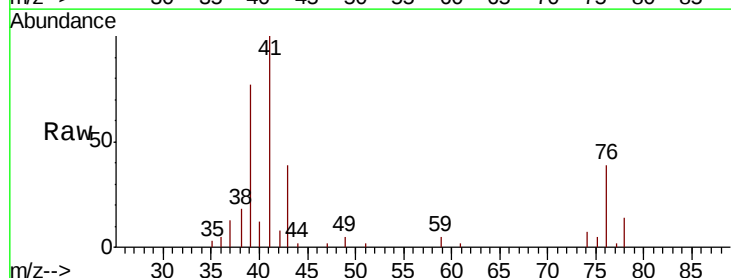
Tgt Ion: 41 Resp: 12768

Ion Ratio Lower Upper

41 100

39 77.9 62.6 93.8

76 37.6 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

6000

5000

4000

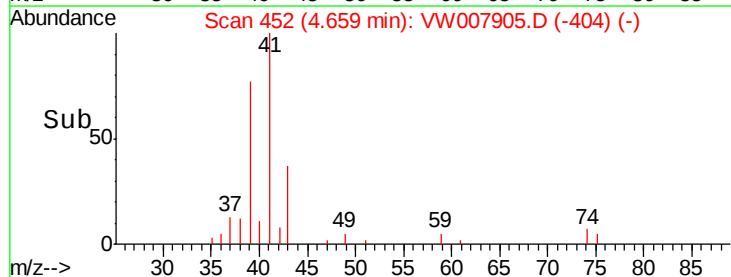
3000

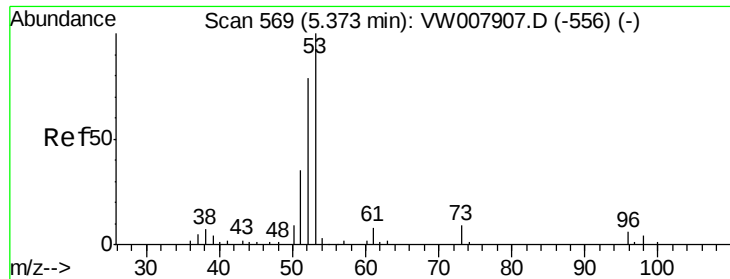
2000

1000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 57.482 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

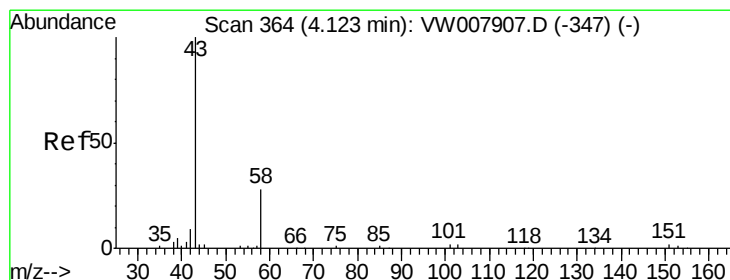
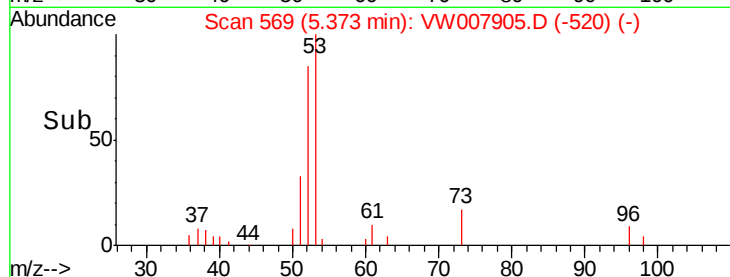
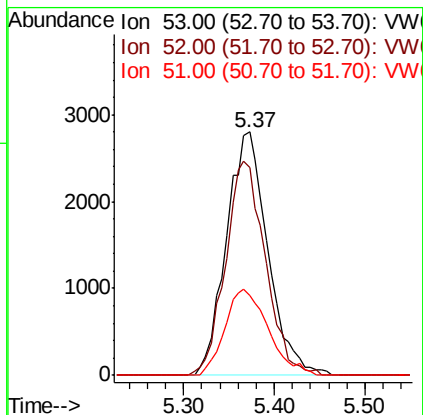
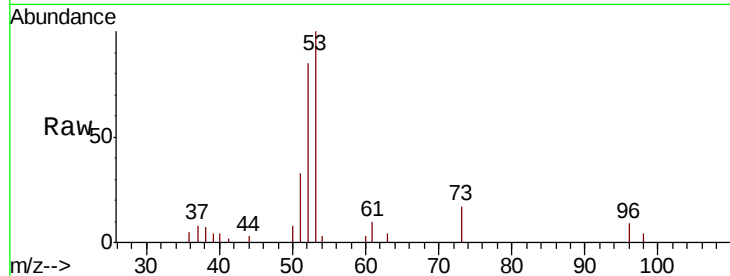
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	8878
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.2	97.8
51	36.9	30.6	45.8

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#16

Acetone

Concen: 51.499 ug/l

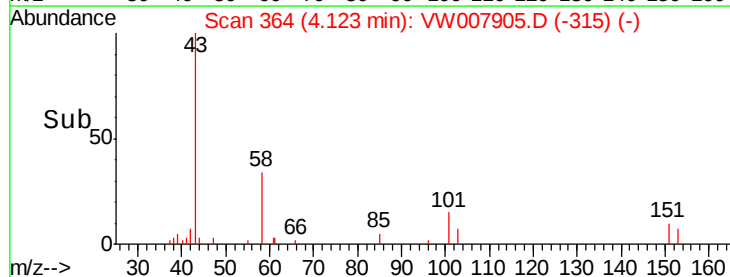
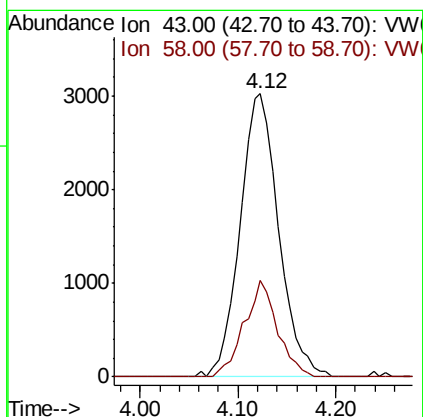
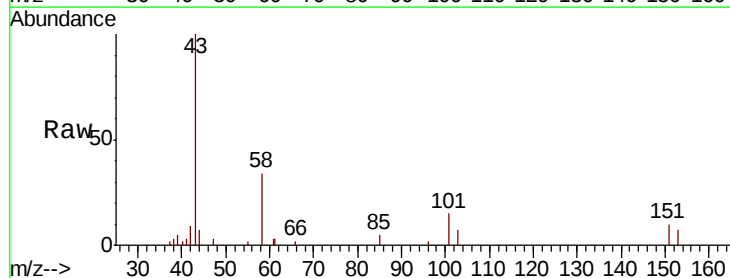
RT: 4.12 min Scan# 364

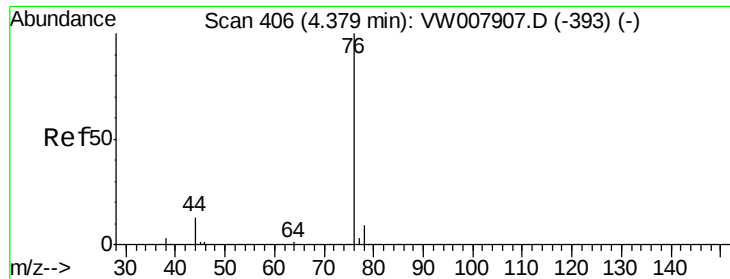
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	43	Resp:	8298
Ion	Ratio	Lower	Upper
43	100		
58	34.0	22.8	34.2





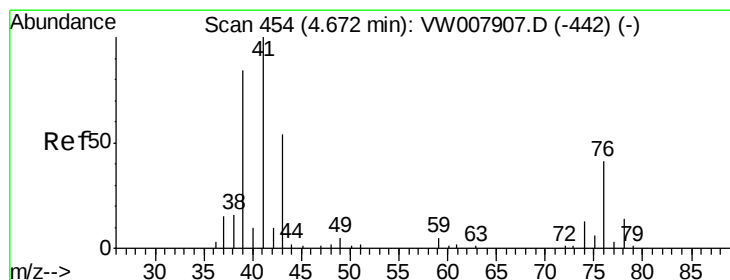
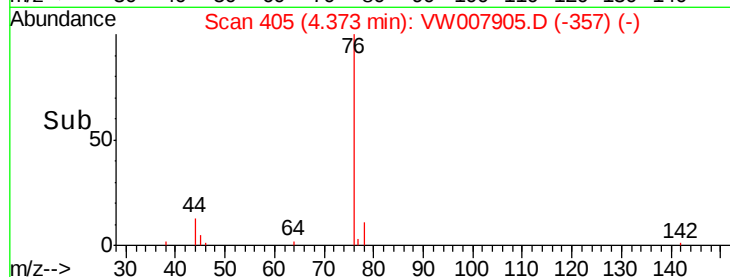
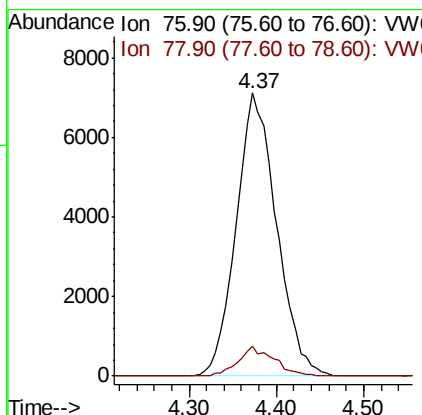
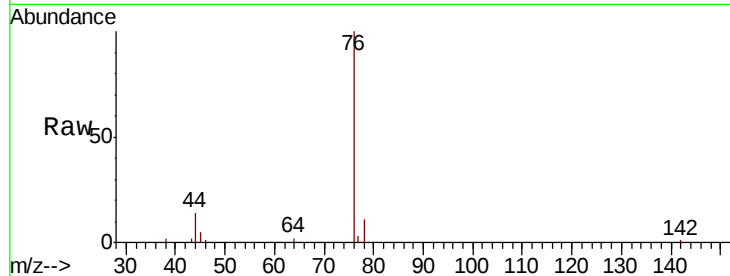
#17
Carbon Disulfide
Concen: 9.564 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 22768
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

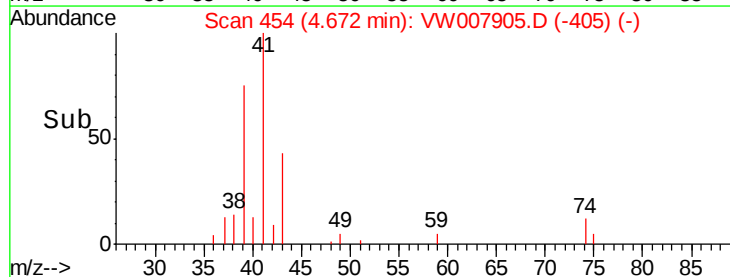
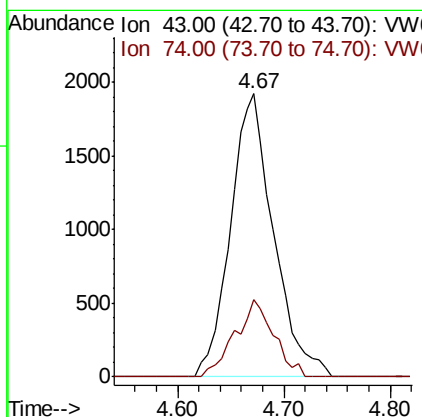
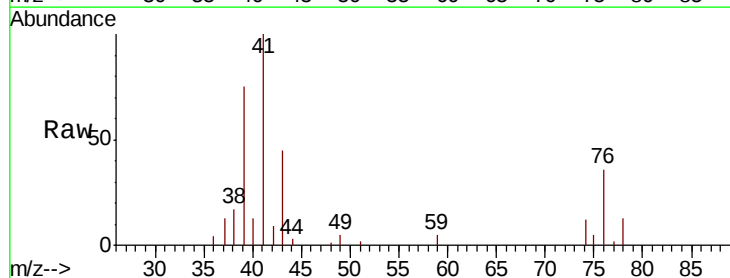
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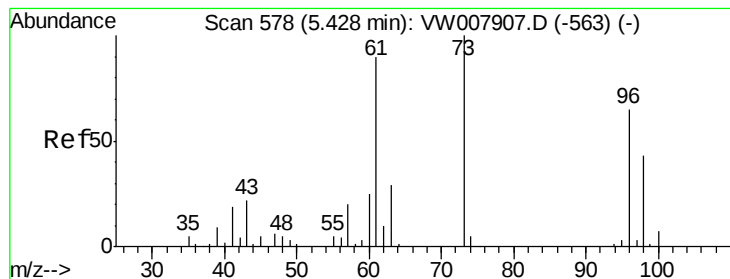
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#18
Methyl Acetate
Concen: 13.288 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion: 43 Resp: 5429
Ion Ratio Lower Upper
43 100
74 24.6 20.4 30.6





#19

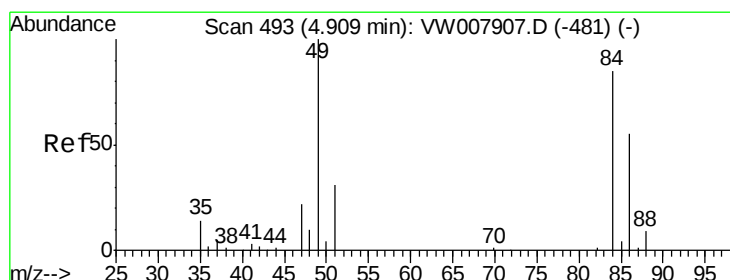
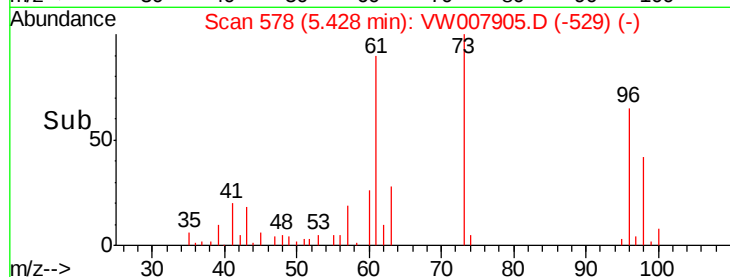
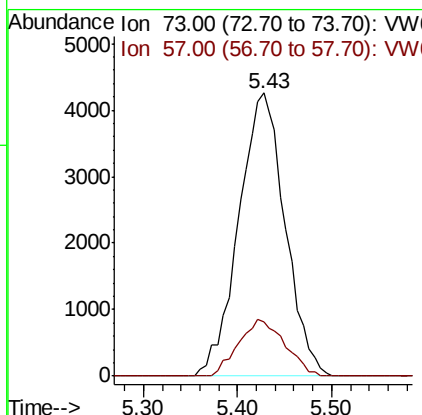
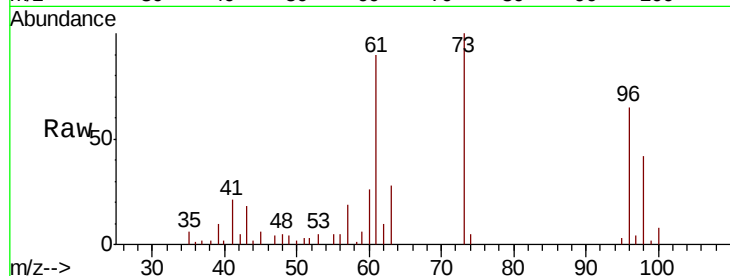
Methyl tert-butyl Ether
 Concen: 12.600 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.8	23.8

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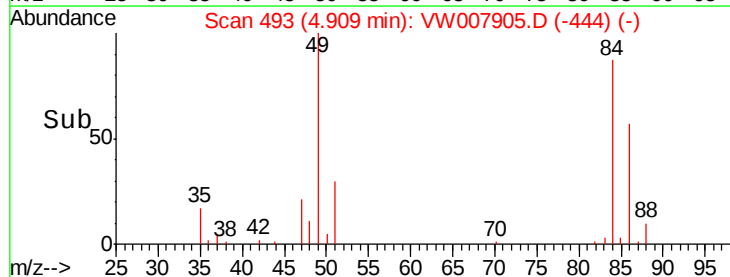
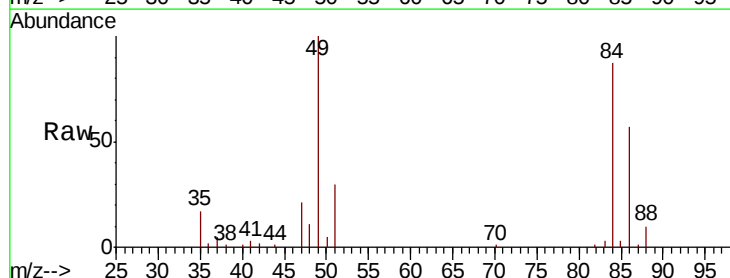
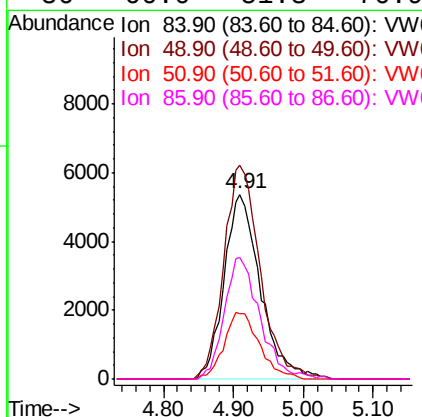
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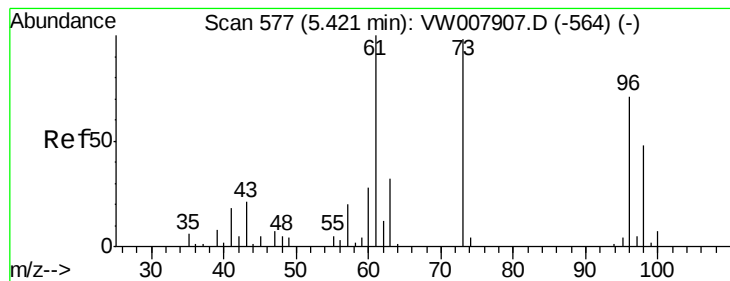


#20

Methylene Chloride
 Concen: 19.220 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.5	94.0	141.0
51	35.2	28.7	43.1
86	66.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 10.599 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

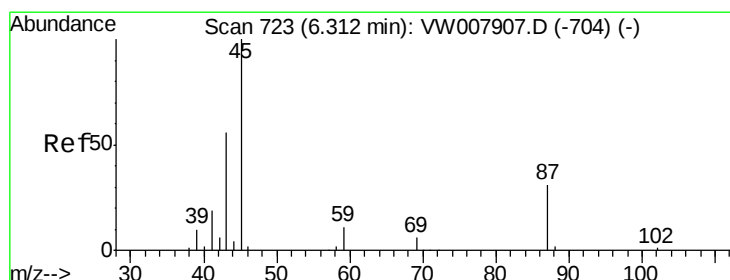
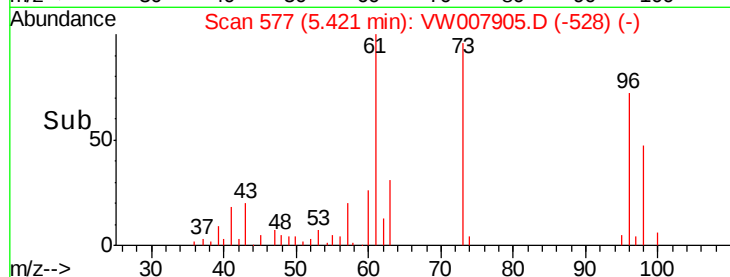
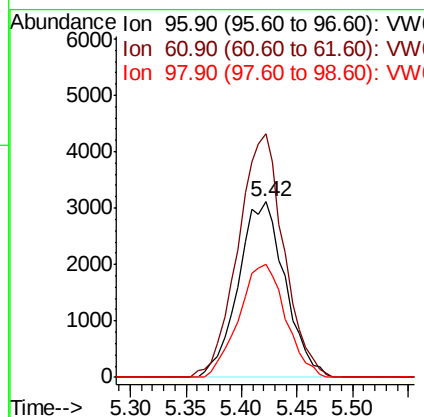
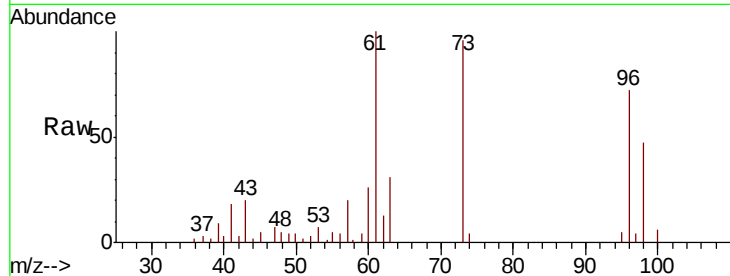
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	9104
Ion	Ratio	Lower	Upper
96	100		
61	139.0	112.0	168.0
98	64.6	53.2	79.8

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#22

Diisopropyl ether

Concen: 12.140 ug/l

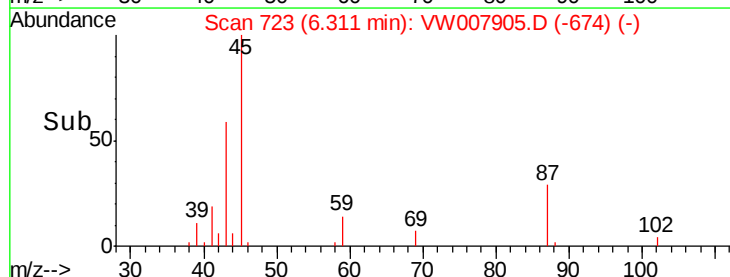
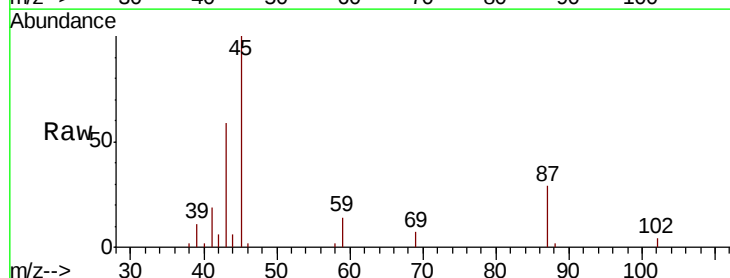
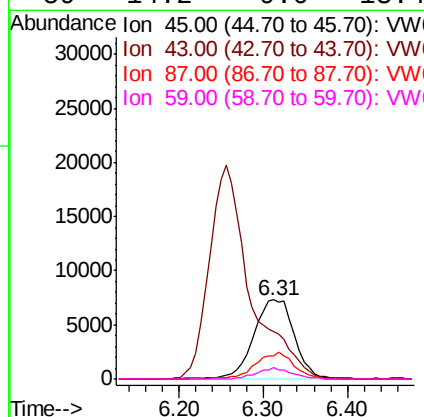
RT: 6.31 min Scan# 723

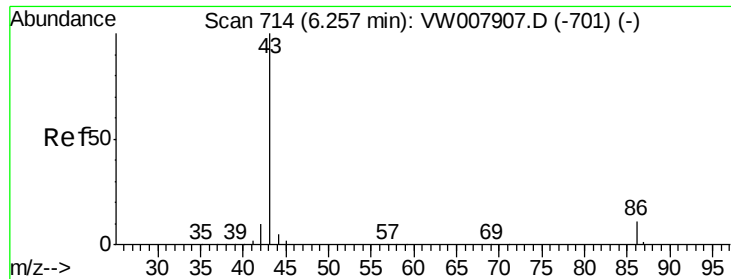
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	45	Resp:	24058
Ion	Ratio	Lower	Upper
45	100		
43	58.3	45.0	67.4
87	29.1	25.5	38.3
59	14.2	9.0	13.4#





#23

Vinyl Acetate

Concen: 57.212 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 66661

Ion Ratio Lower Upper

43 100

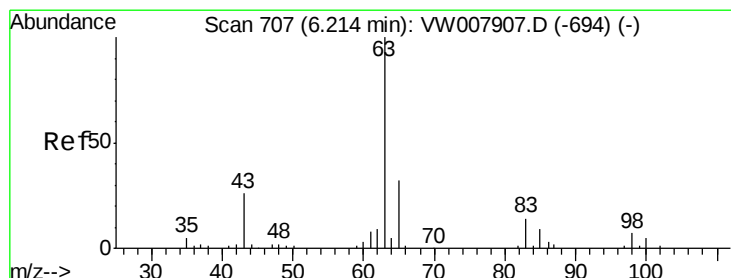
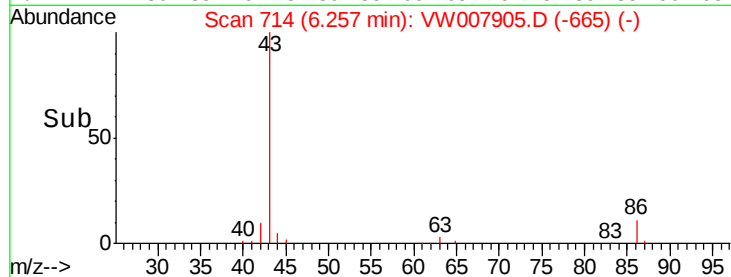
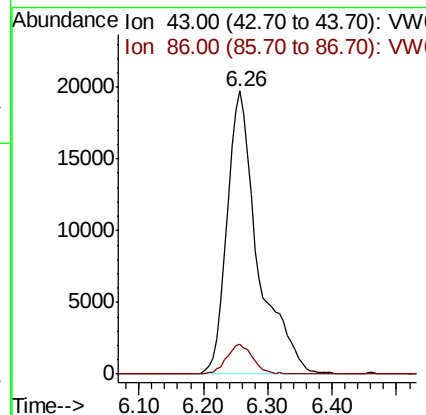
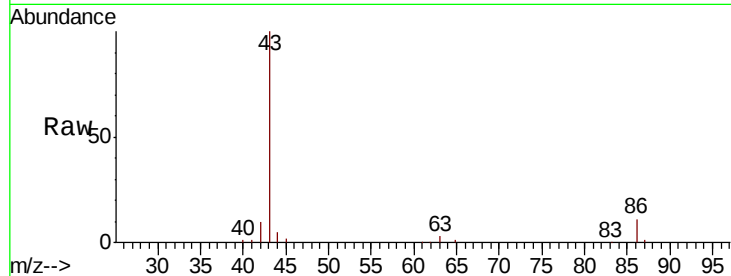
86 10.5 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 11.244 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

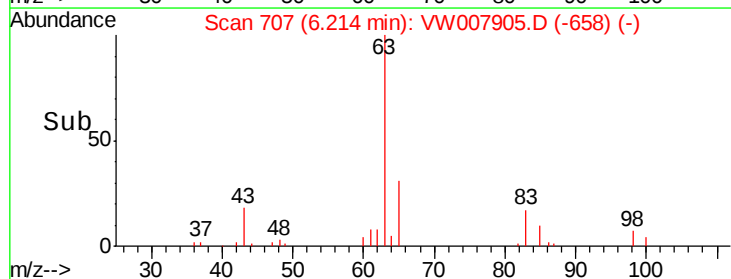
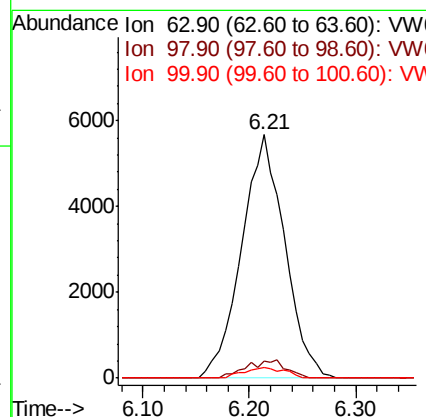
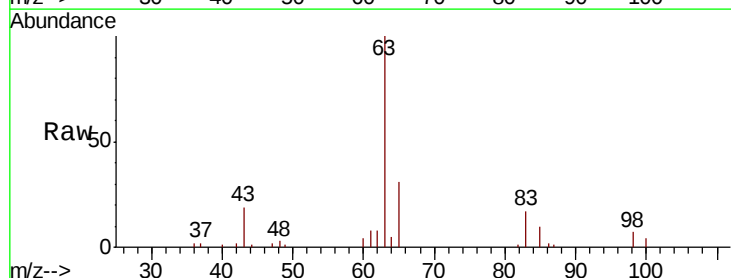
Tgt Ion: 63 Resp: 16088

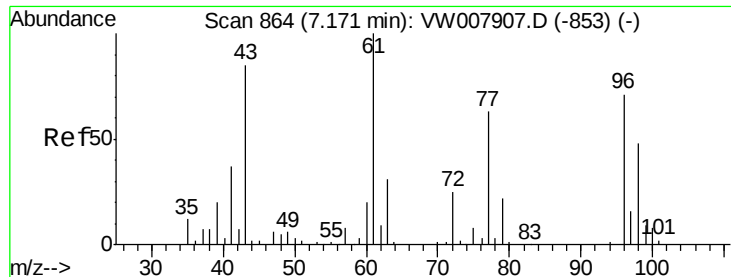
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 57.334 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 11213

Ion Ratio Lower Upper

43 100

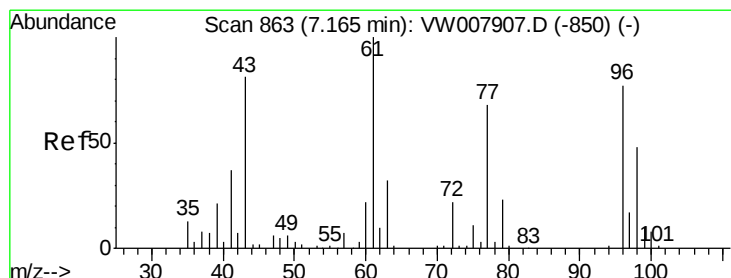
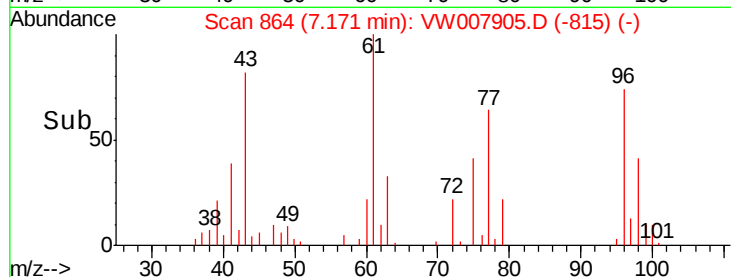
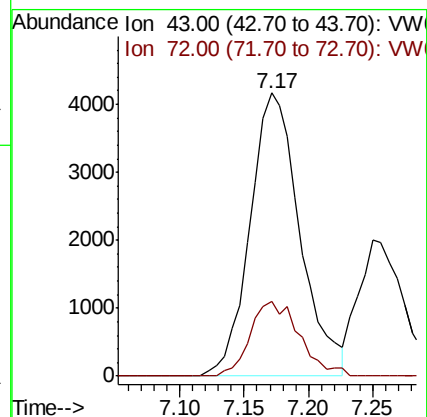
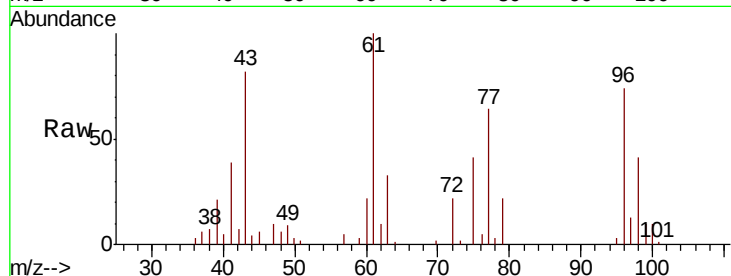
72 26.6 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 10.620 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007905.D

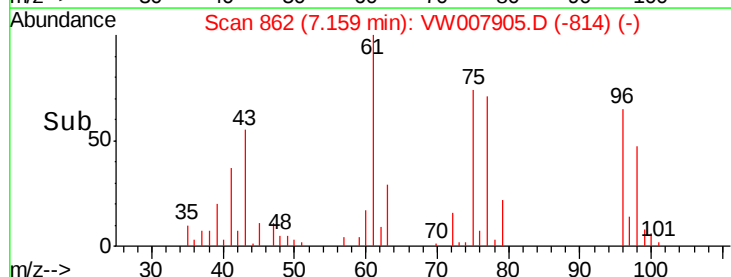
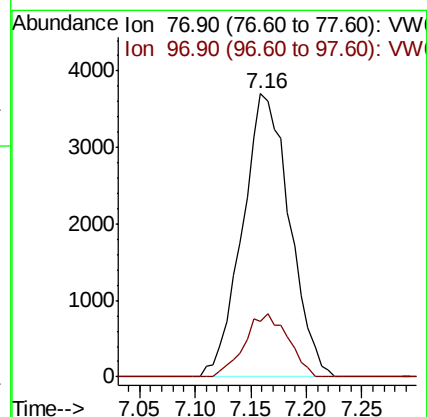
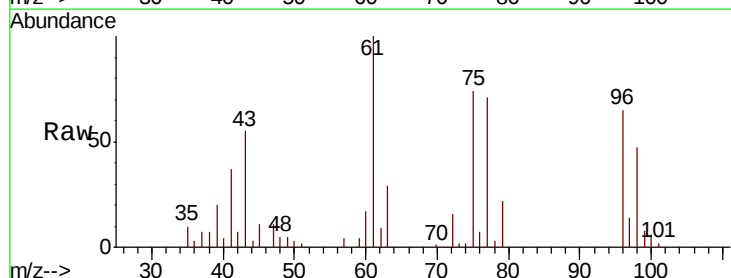
Acq: 24 Dec 2018 23:38

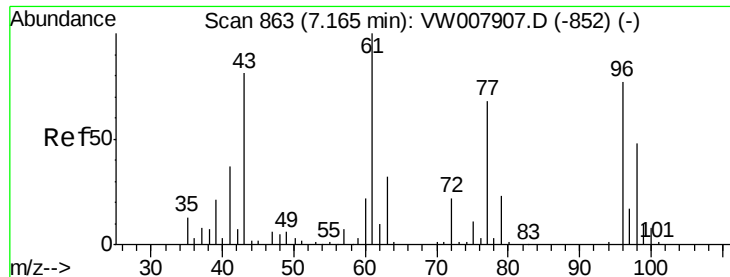
Tgt Ion: 77 Resp: 10912

Ion Ratio Lower Upper

77 100

97 20.6 11.5 34.4





#27

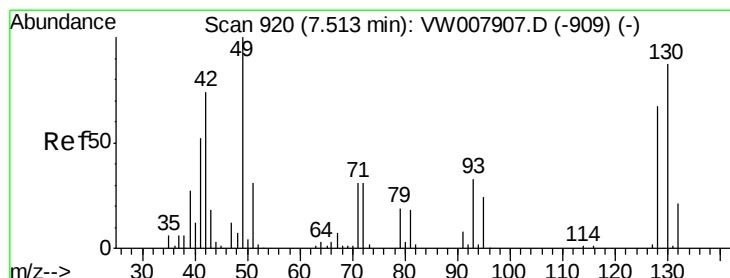
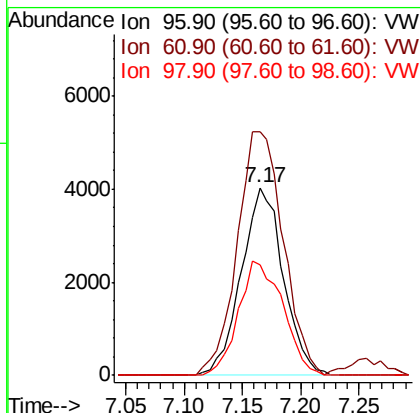
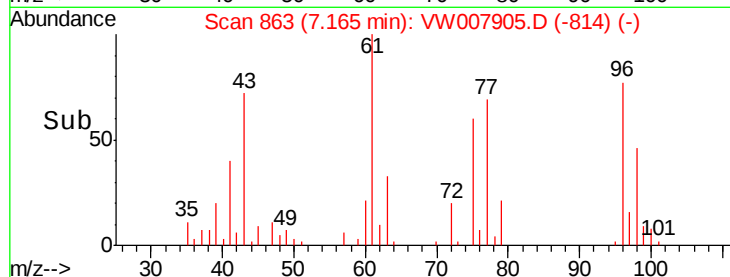
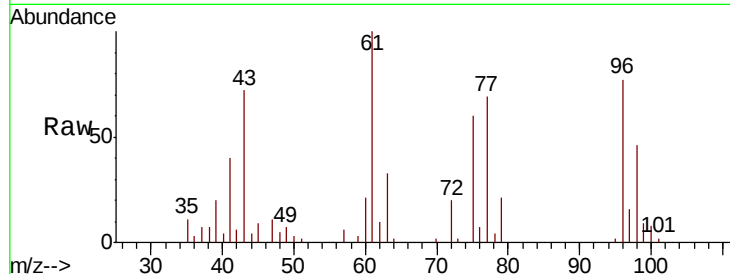
cis-1,2-Dichloroethene
Concen: 11.000 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	279.4
98	64.3	0.0	126.8

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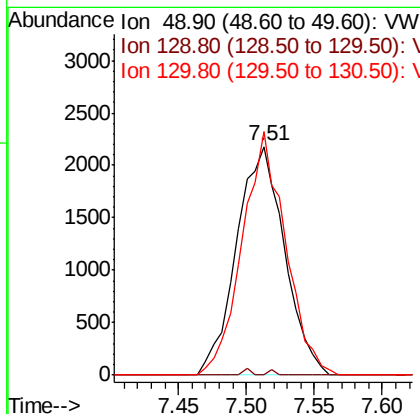
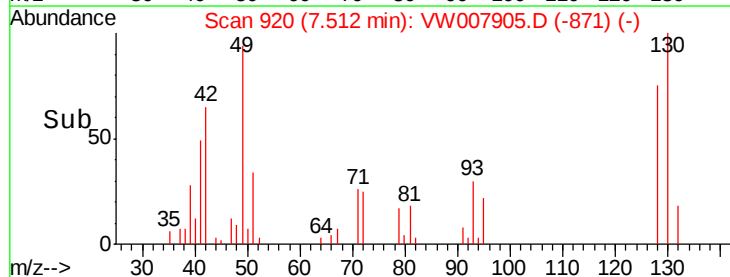
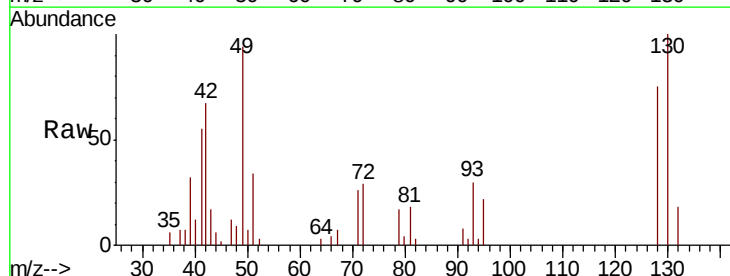
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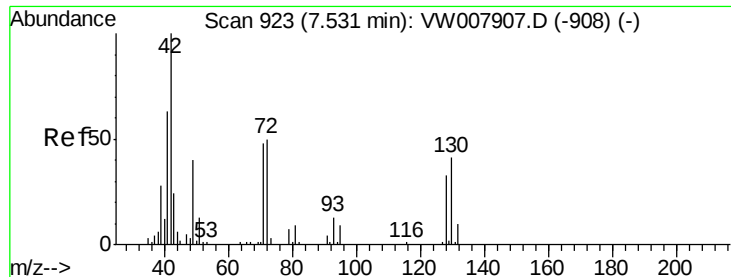


#28

Bromochloromethane
Concen: 10.940 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.4
130	96.0	70.7	106.1





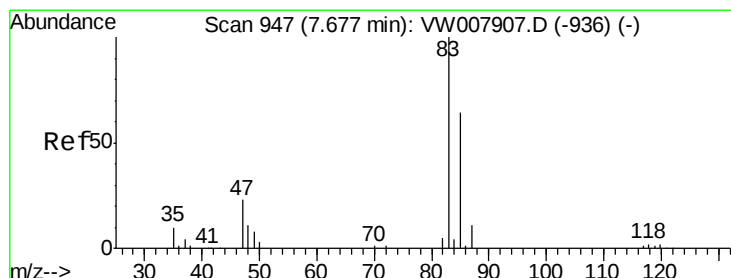
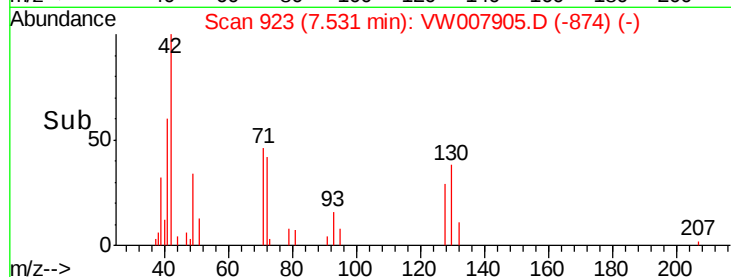
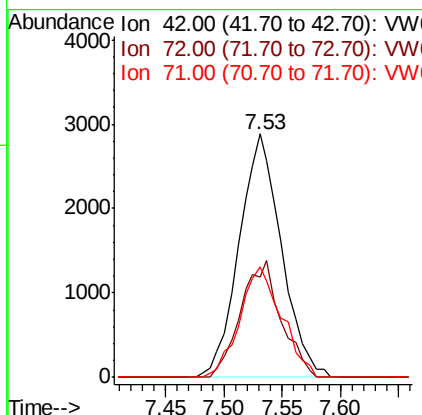
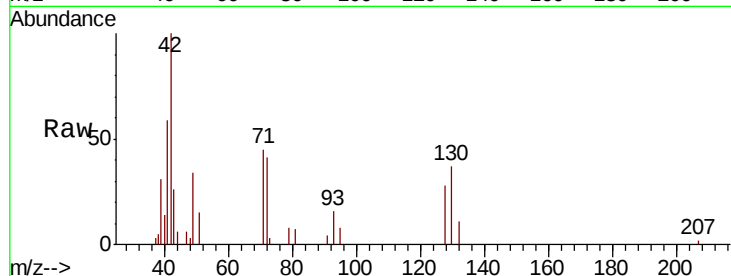
#29
Tetrahydrofuran
Concen: 61.373 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.8	56.8
71	45.1	35.8	53.6

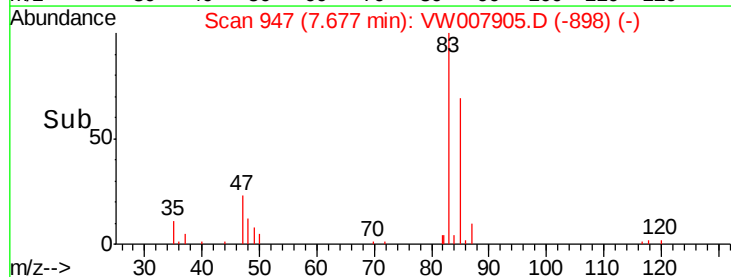
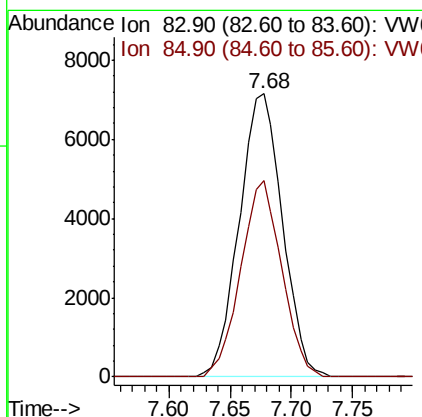
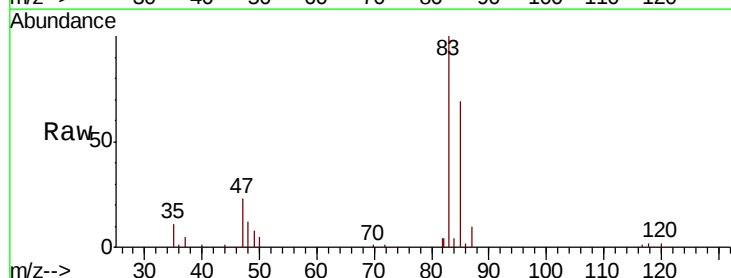
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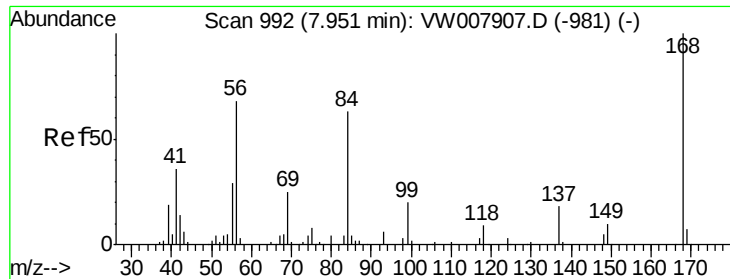
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#30
Chloroform
Concen: 10.951 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.3	76.9





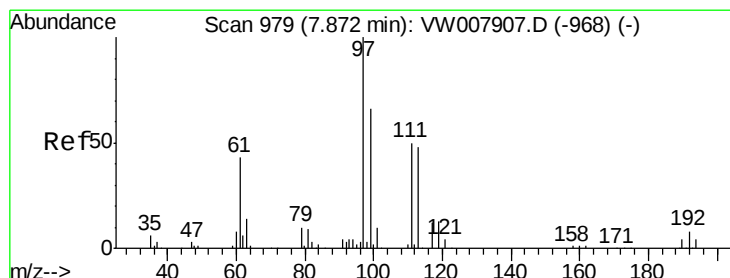
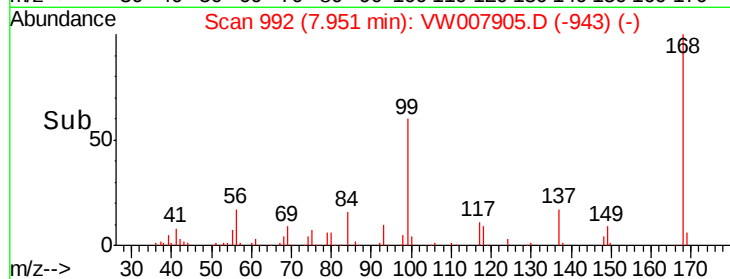
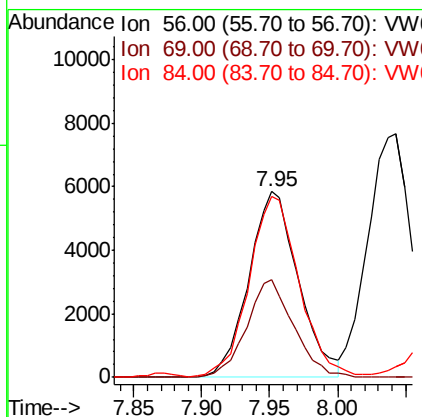
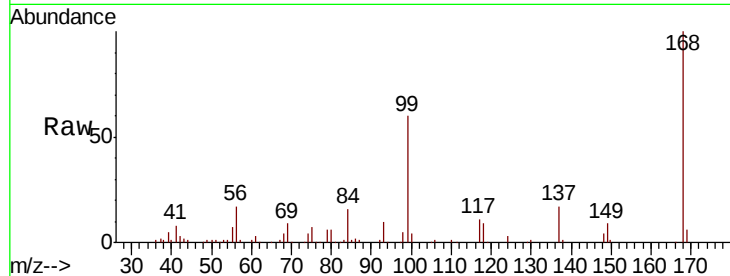
#31
Cyclohexane
Concen: 11.435 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	52.9	29.9	44.9#
84	97.3	74.5	111.7

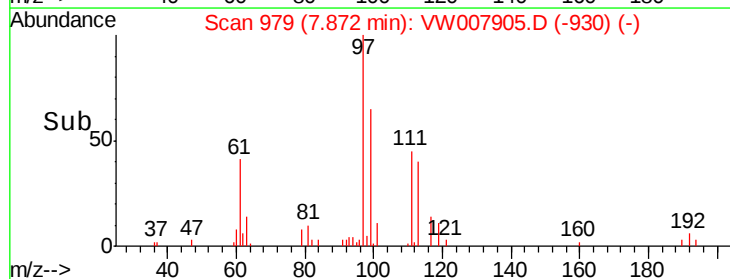
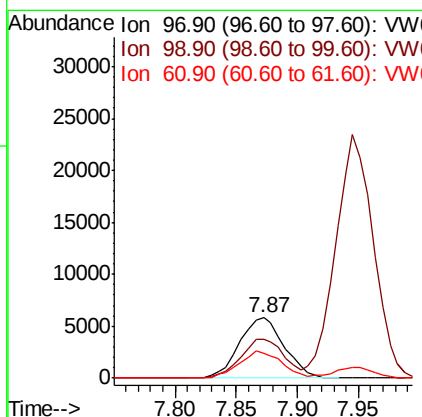
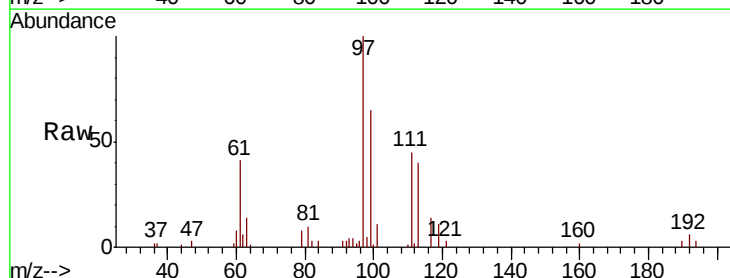
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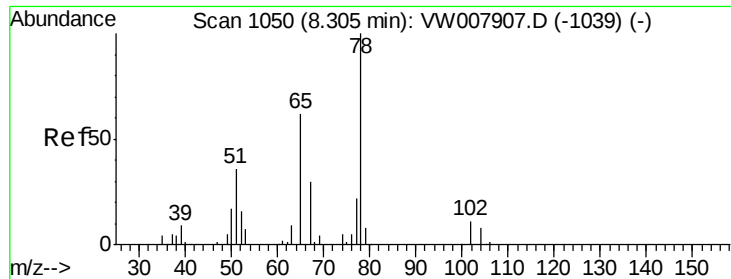
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#32
1,1,1-Trichloroethane
Concen: 10.176 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.7	79.1
61	42.4	33.3	49.9





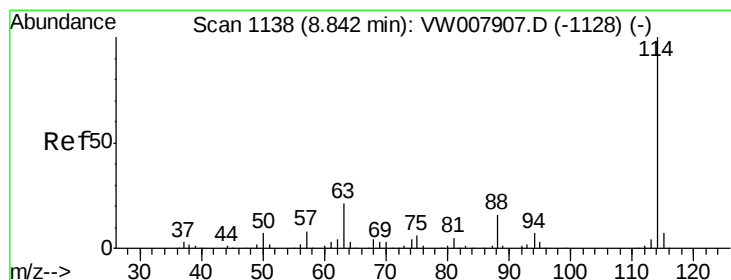
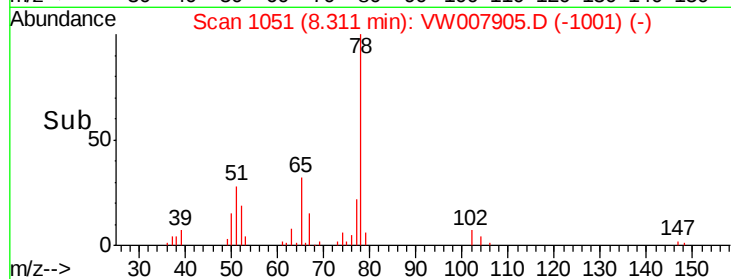
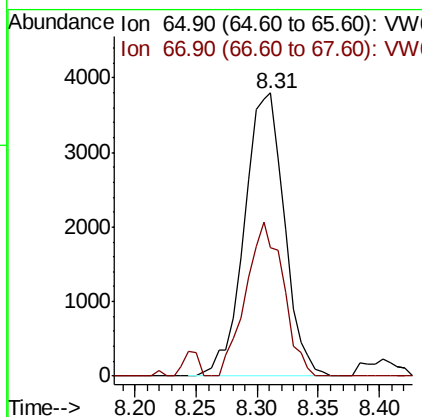
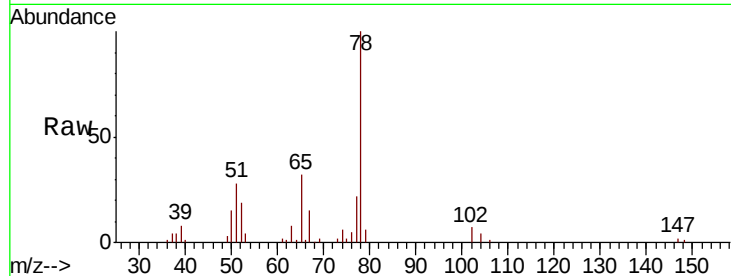
#33
 1,2-Dichloroethane-d4
 Concen: 9.791 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	8652		
67	50.9		0.0	98.6

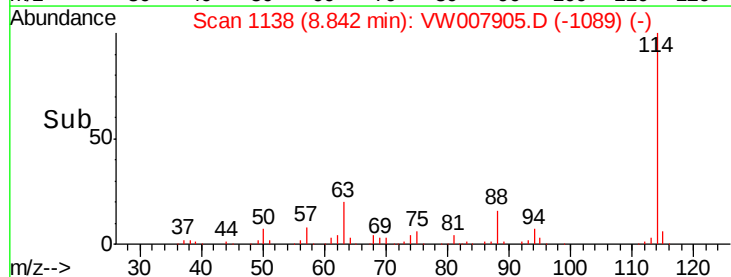
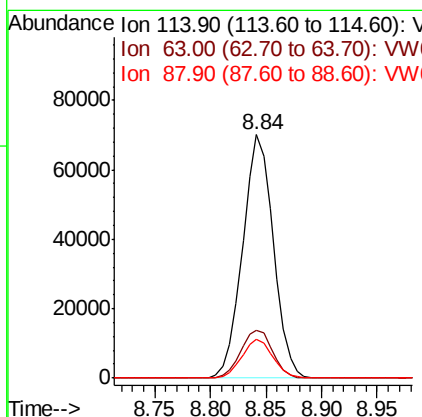
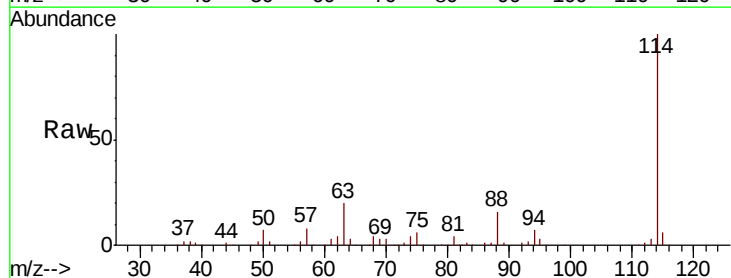
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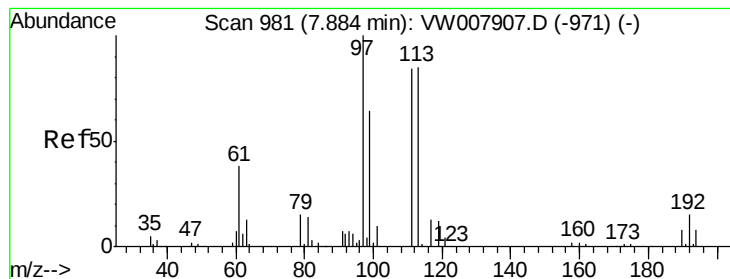
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	134501		
63	19.6		0.0	41.4
88	16.1		0.0	32.4





#35

Dibromofluoromethane

Concen: 9.234 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

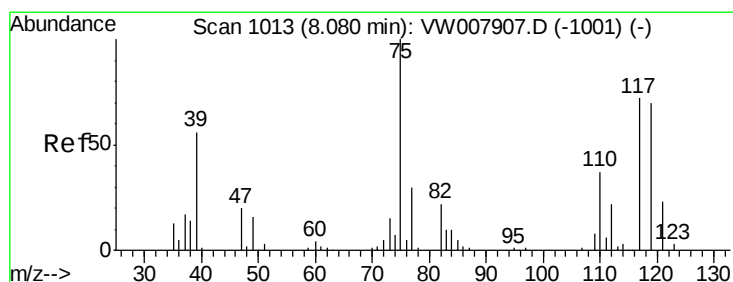
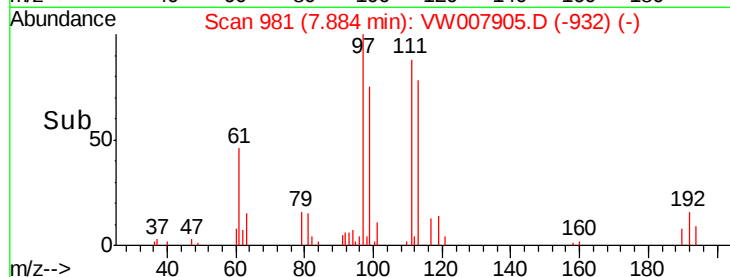
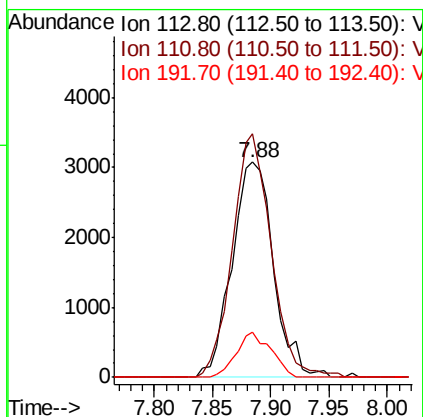
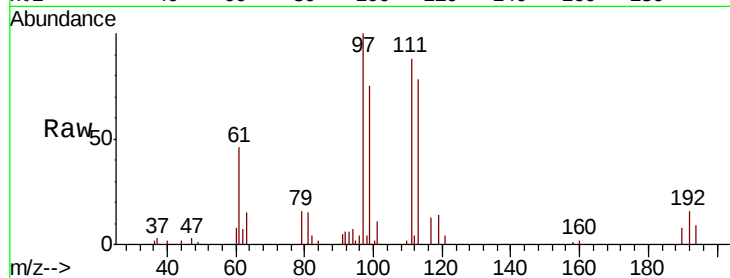
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	7641
Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.9	122.9
192	17.5	14.9	22.3

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#36

1,1-Dichloropropene

Concen: 10.099 ug/l

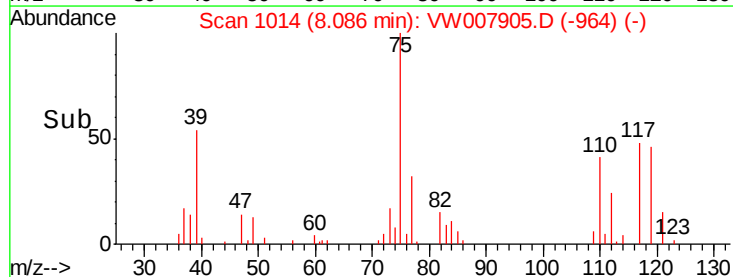
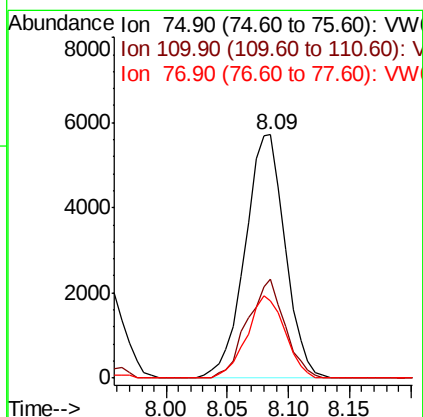
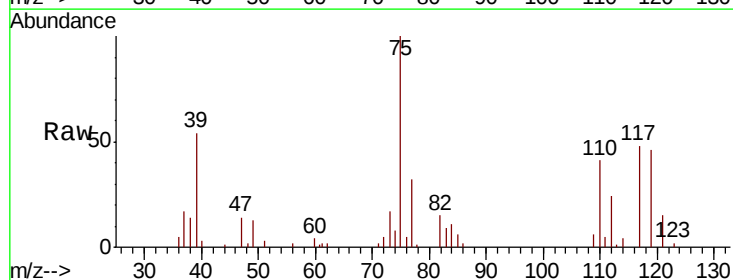
RT: 8.09 min Scan# 1014

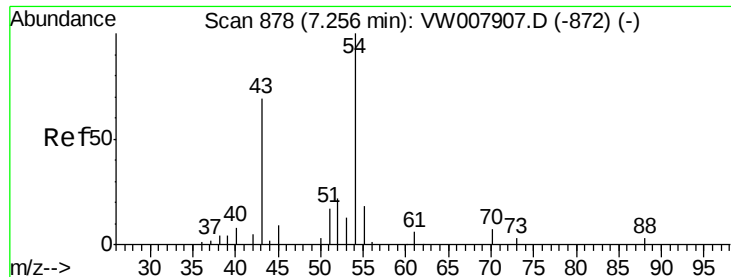
Delta R.T. 0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	75	Resp:	13070
Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.2	54.6
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 10.336 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

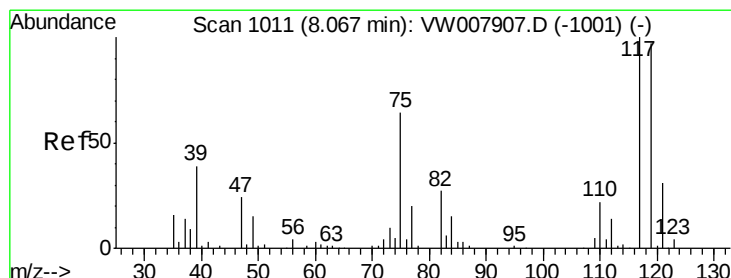
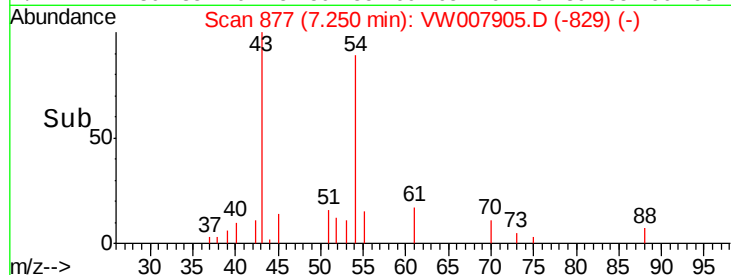
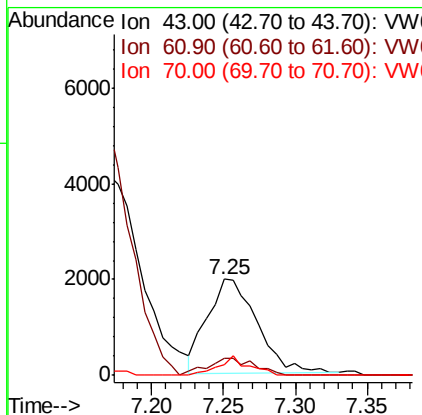
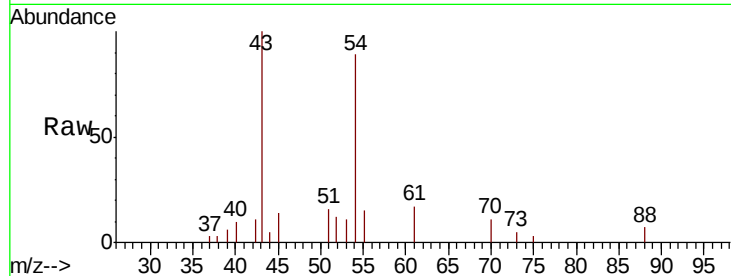
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	4747
Ion	Ratio	Lower	Upper
43	100		
61	17.2	10.6	16.0#
70	12.4	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 8.791 ug/l

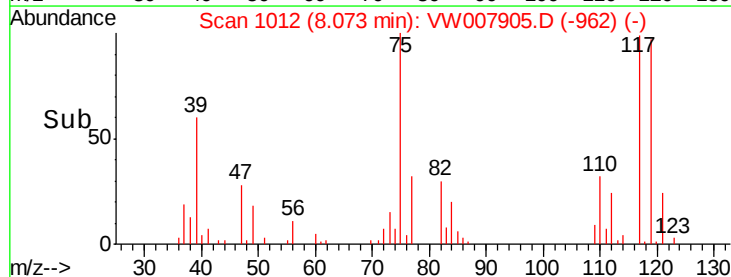
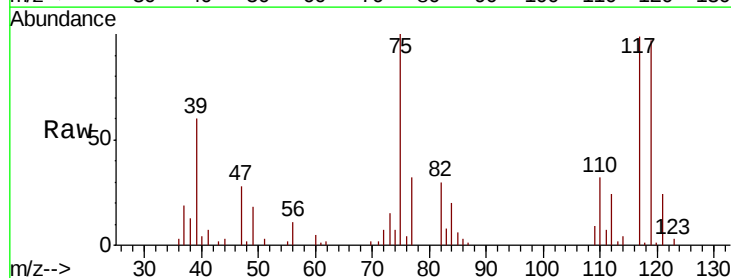
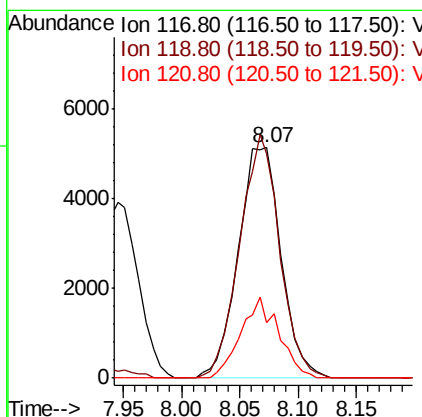
RT: 8.07 min Scan# 1012

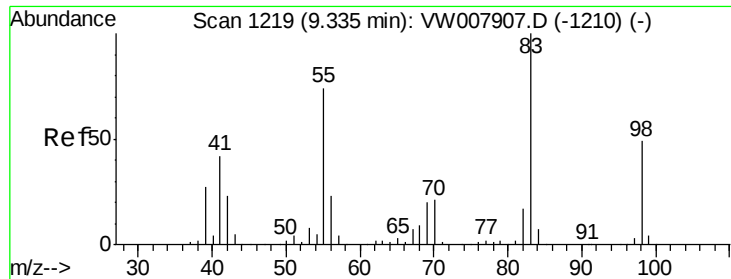
Delta R.T. 0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	117	Resp:	13172
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
121	24.1	24.5	36.7#





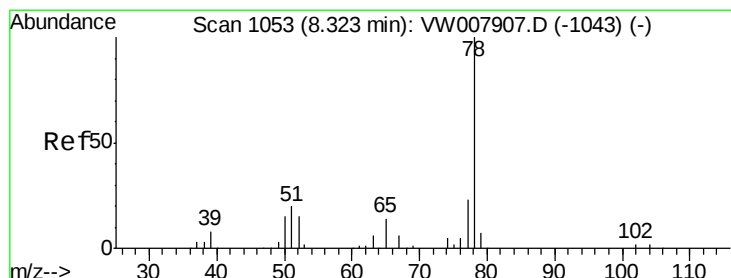
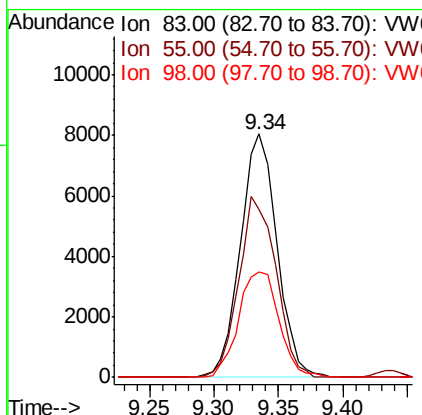
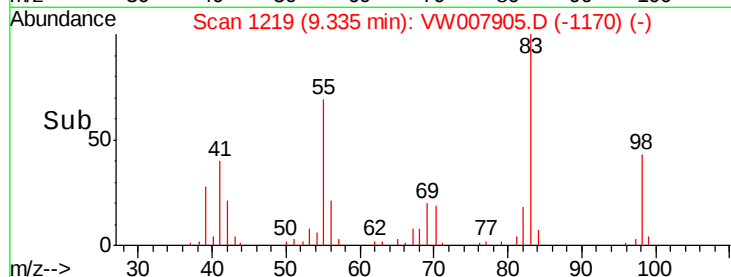
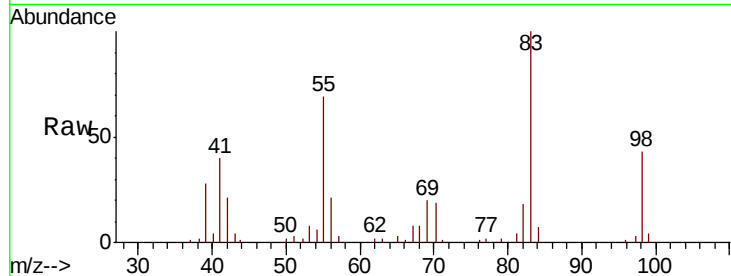
#39
Methvlcvclohexane
Concen: 9.812 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	59.1	88.7
98	43.5	39.2	58.8

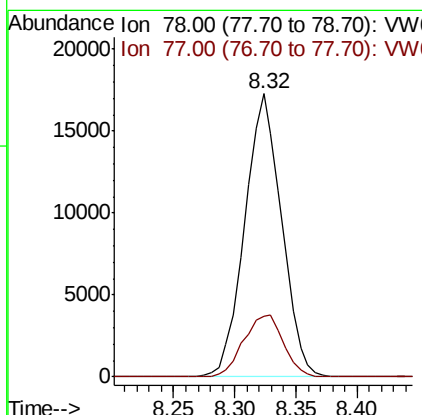
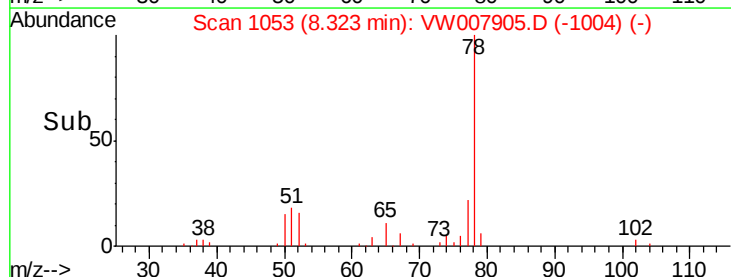
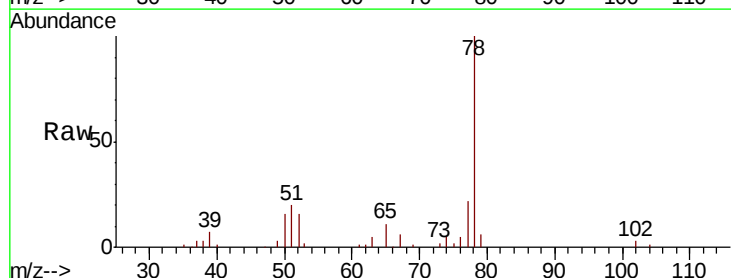
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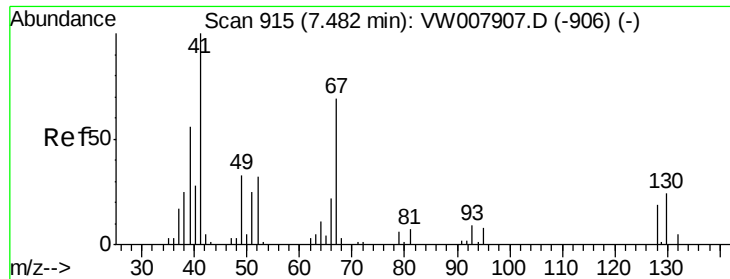
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#40
Benzene
Concen: 10.398 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.6	28.0





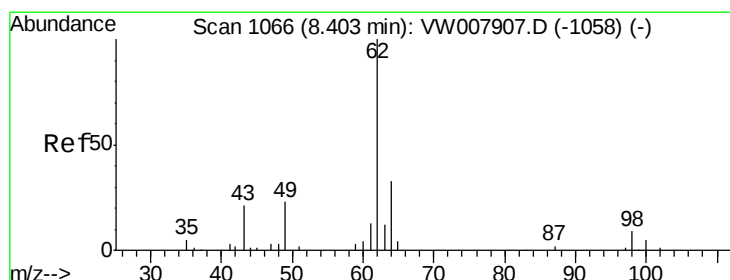
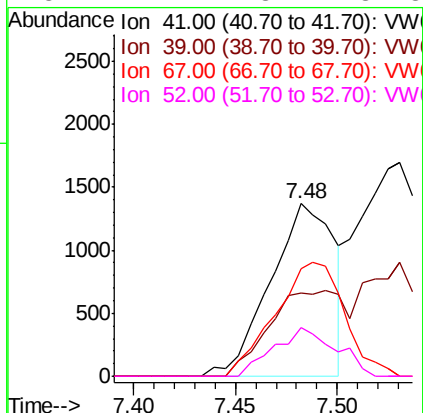
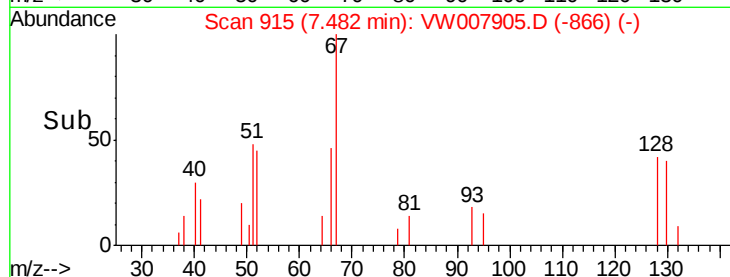
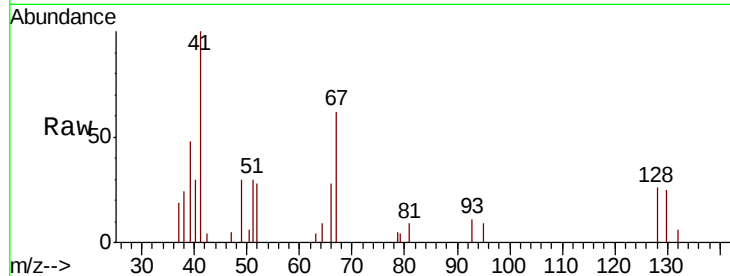
#41
Methacrylonitrile
Concen: 11.109 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	41	Resp	2988
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.0	67.4
67	71.5	53.9	80.9
52	27.4	23.2	34.8

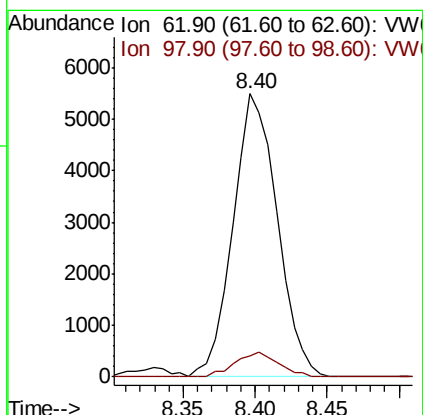
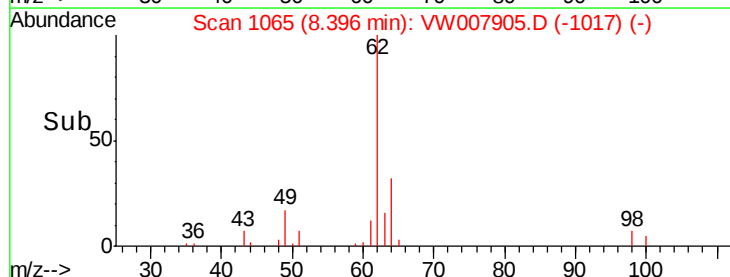
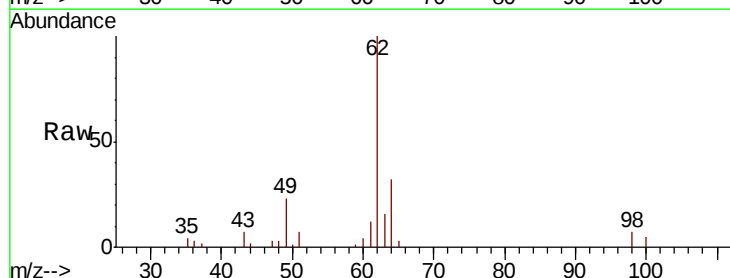
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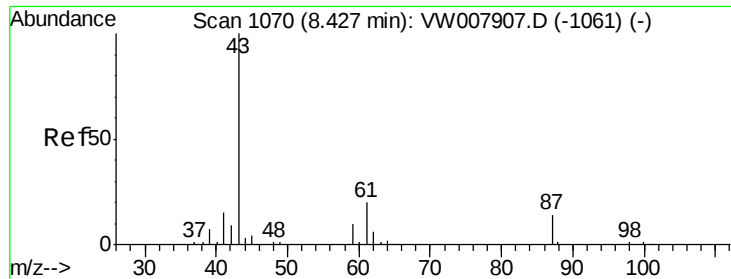
apatel
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#42
1,2-Dichloroethane
Concen: 10.071 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	62	Resp	11721
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 10.979 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

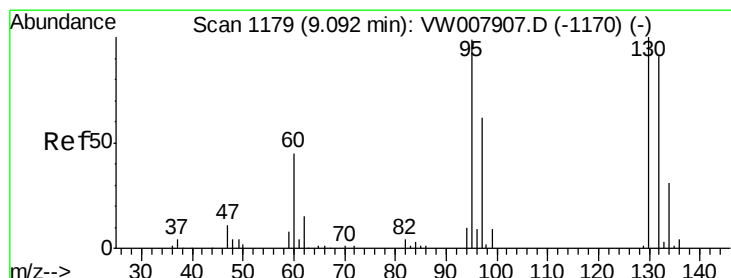
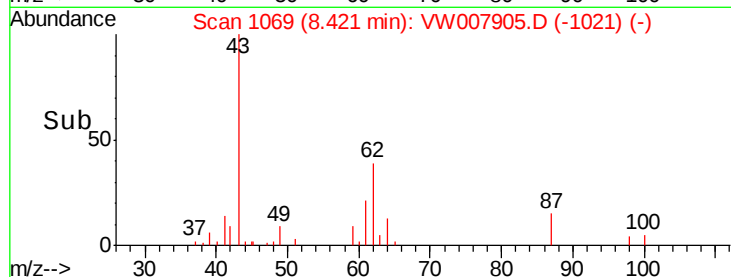
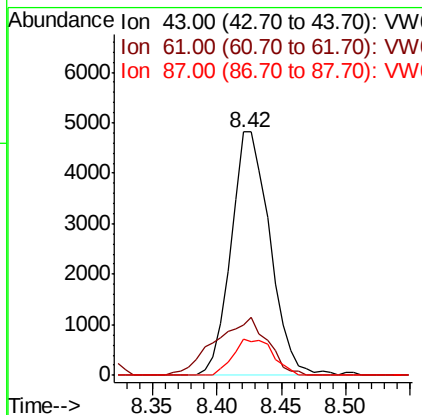
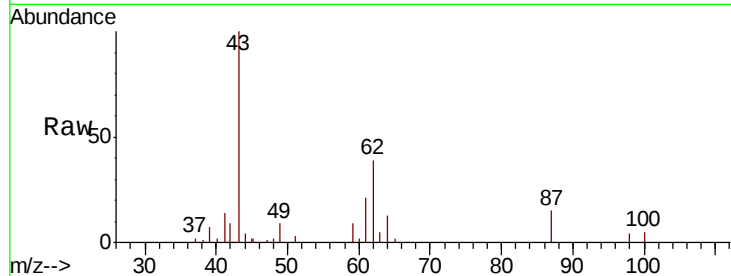
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	10118
Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.2	36.2
87	14.9	11.2	16.8

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#44

Trichloroethene

Concen: 9.793 ug/l

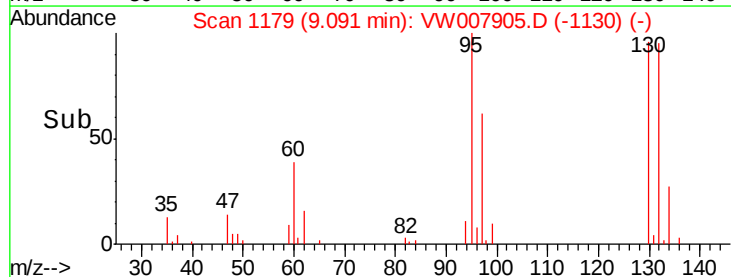
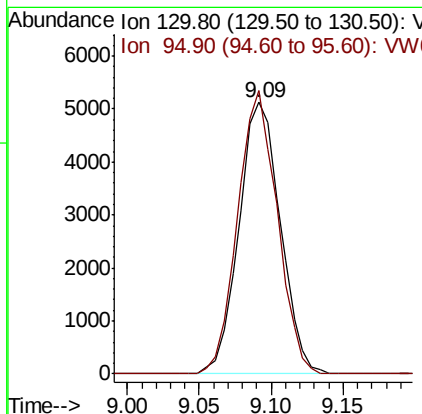
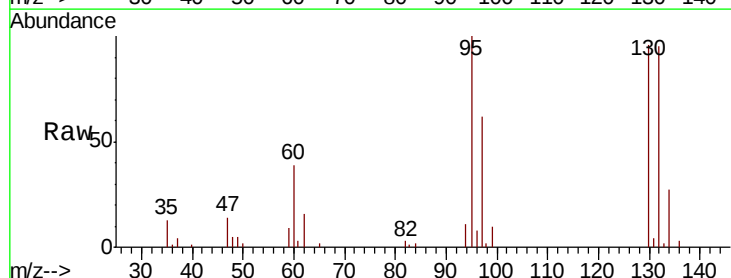
RT: 9.09 min Scan# 1179

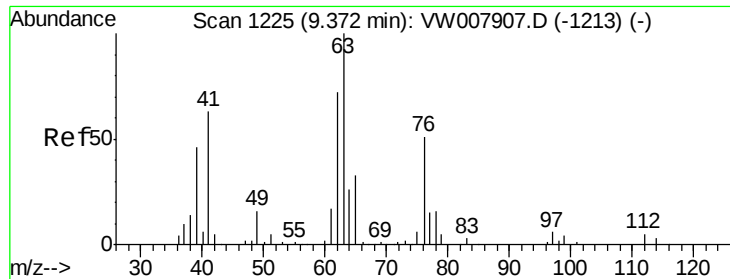
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	130	Resp:	10206
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	197.4





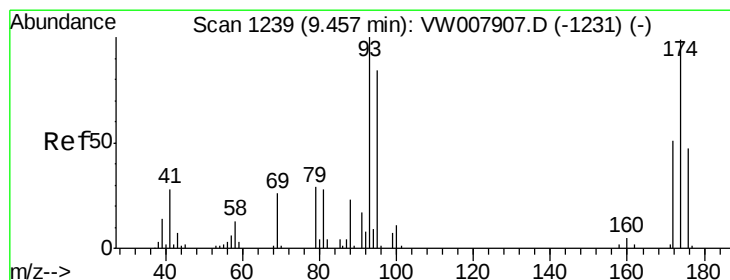
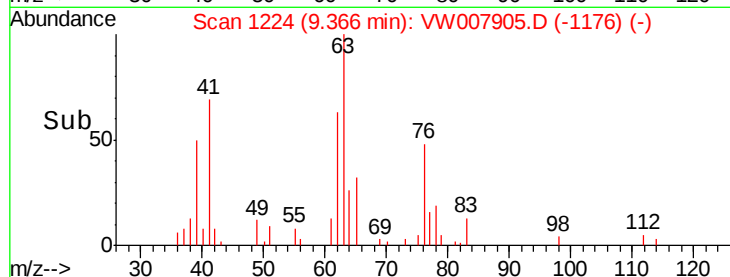
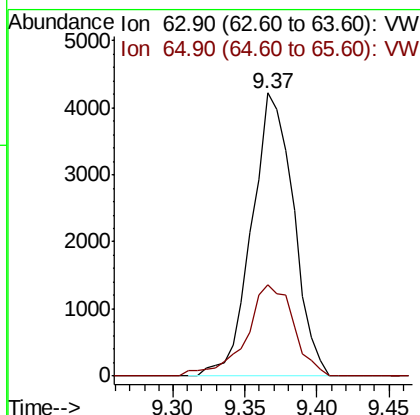
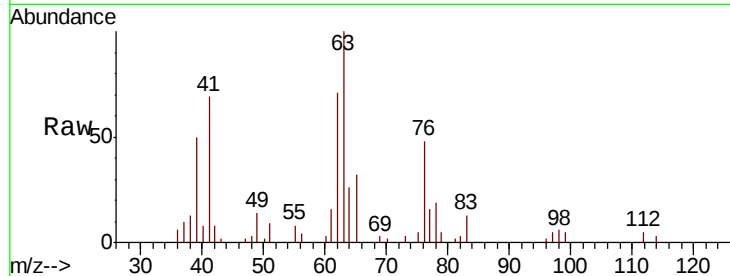
#45
 1,2-Dichloropropane
 Concen: 10.840 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 8463
 Ion Ratio Lower Upper
 63 100
 65 32.4 26.4 39.6

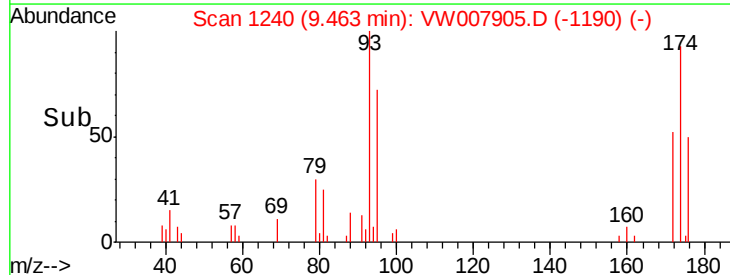
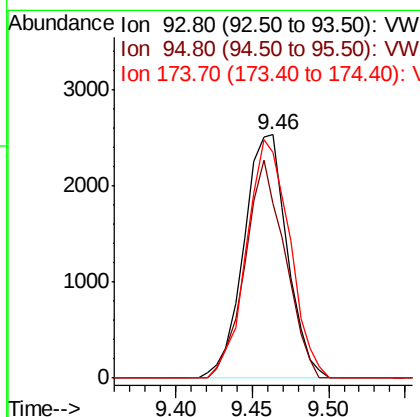
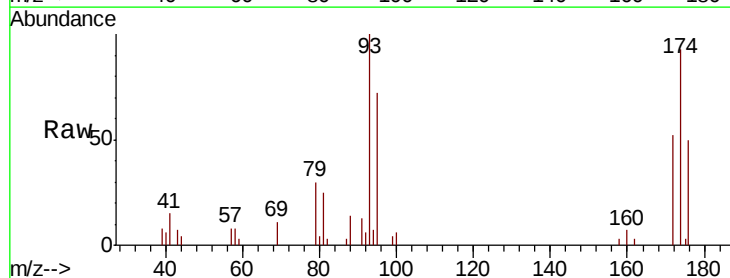
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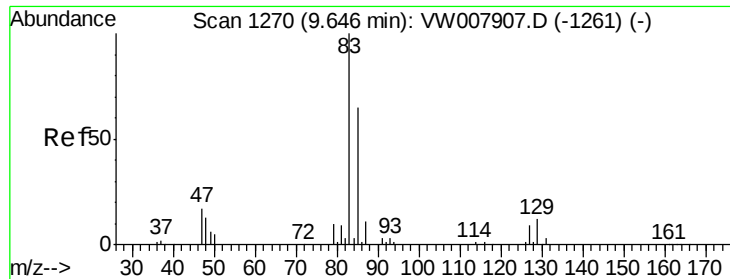
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#46
 Dibromomethane
 Concen: 10.526 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion: 93 Resp: 4984
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 100.0
 174 97.6 81.0 121.4





#47

Bromodichloromethane

Concen: 9.627 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

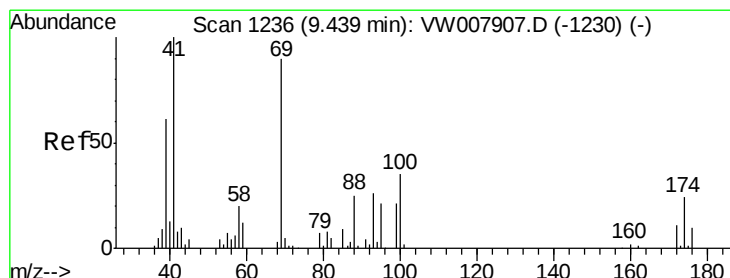
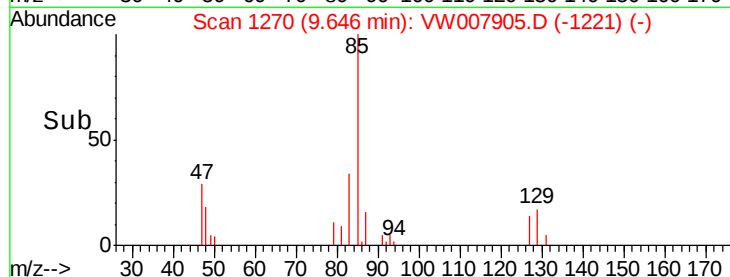
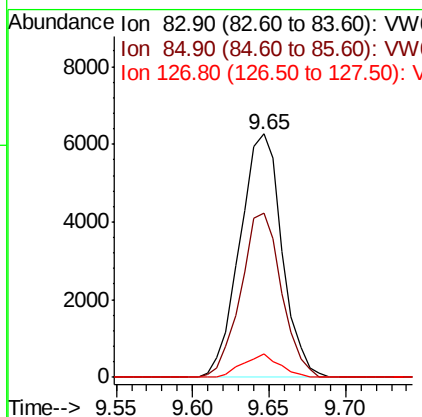
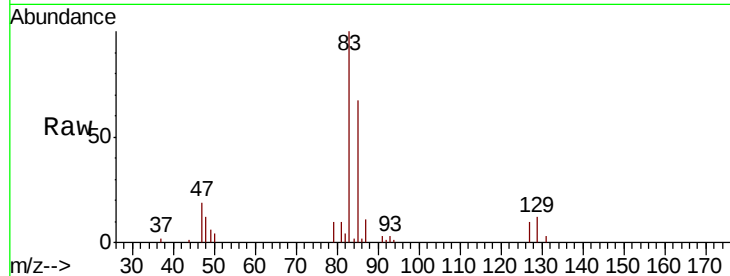
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	11970
Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.2	78.4
127	9.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 10.653 ug/l

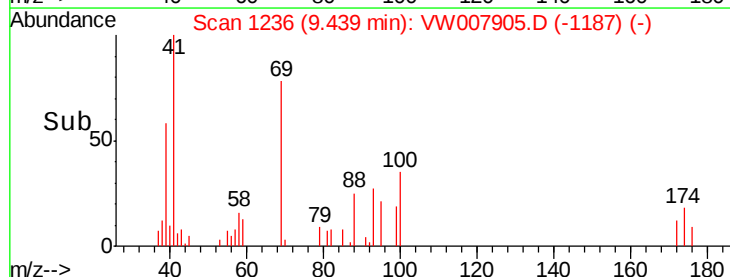
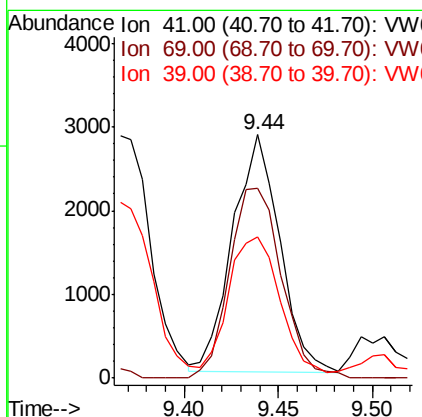
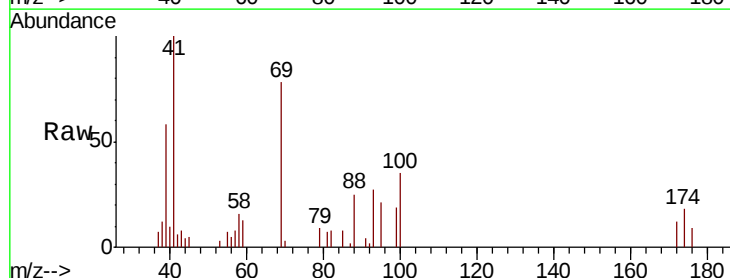
RT: 9.44 min Scan# 1236

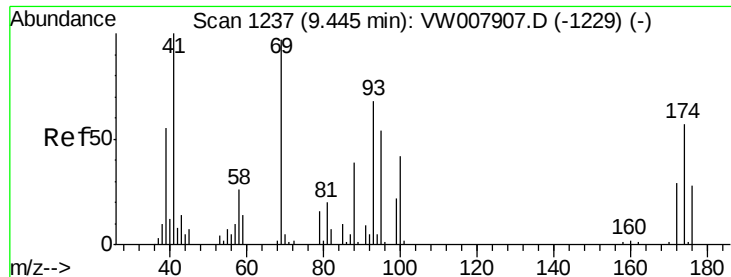
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	41	Resp:	4916
Ion	Ratio	Lower	Upper
41	100		
69	88.7	70.4	105.6
39	66.4	51.7	77.5





#49

1,4-Dioxane

Concen: 204.639 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

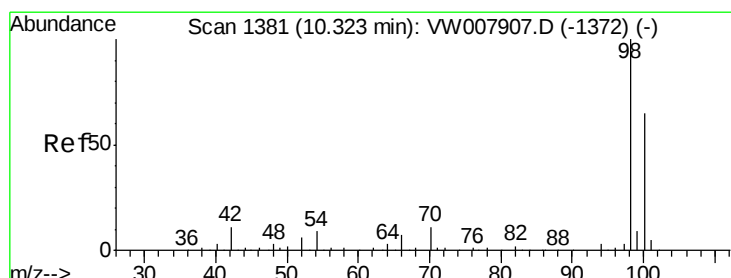
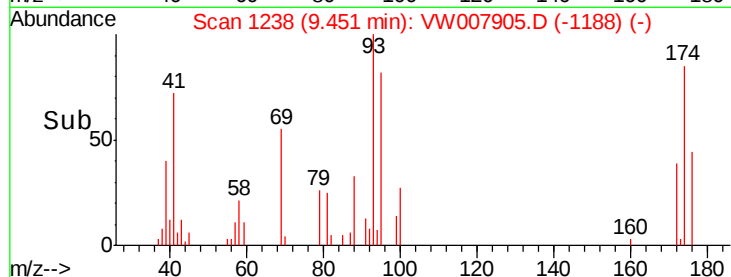
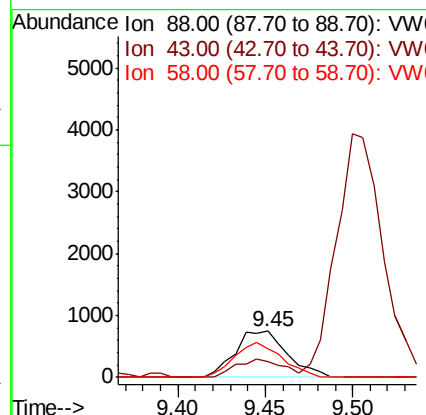
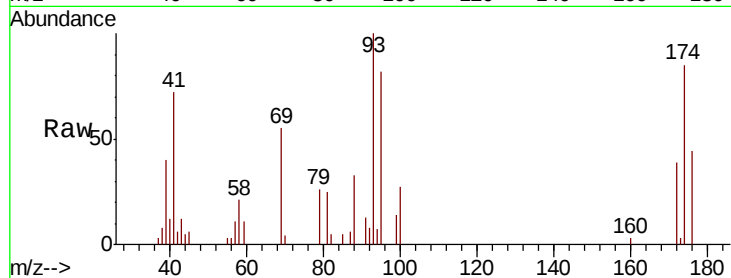
ClientSampleId :

VSTDIC010

Tot Ion:	88	Resp:	1551
Ion	Ratio	Lower	Upper
88	100		
43	36.2	30.9	46.3
58	68.7	55.4	83.0

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#50

Toluene-d8

Concen: 9.483 ug/l

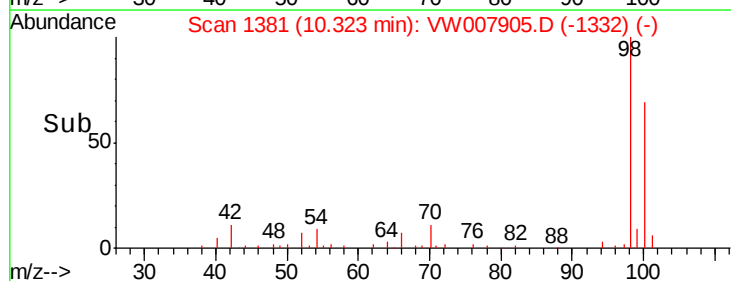
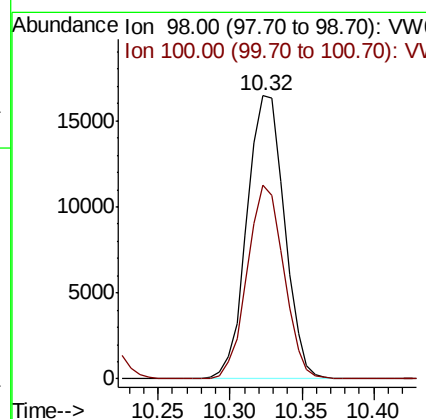
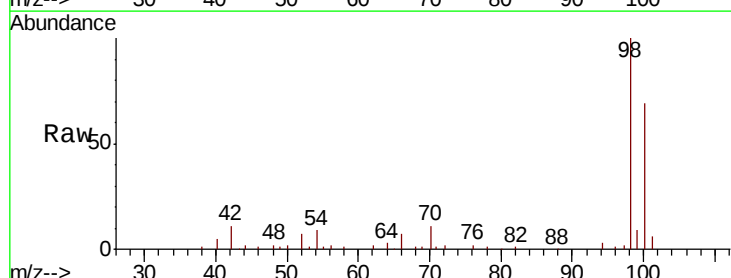
RT: 10.32 min Scan# 1381

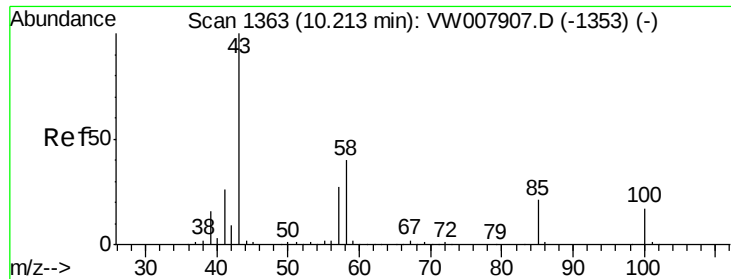
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	98	Resp:	29656
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 54.412 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 23846

Ion Ratio Lower Upper

43 100

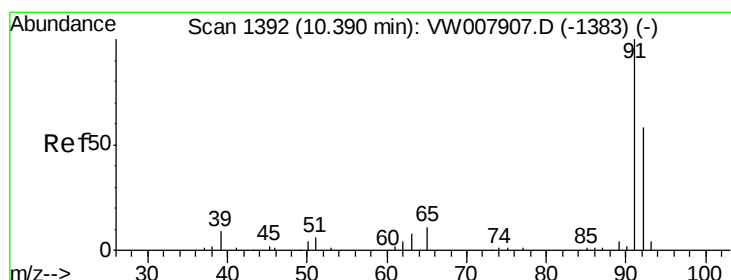
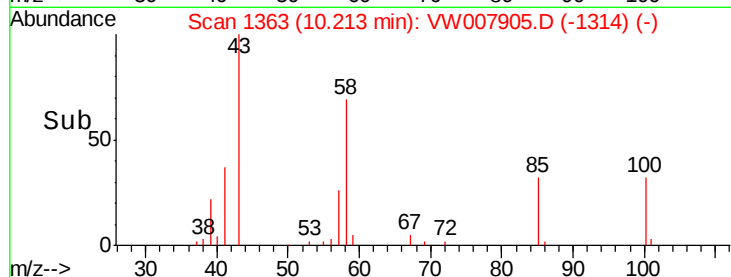
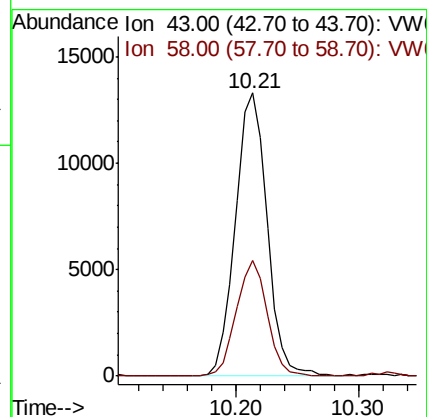
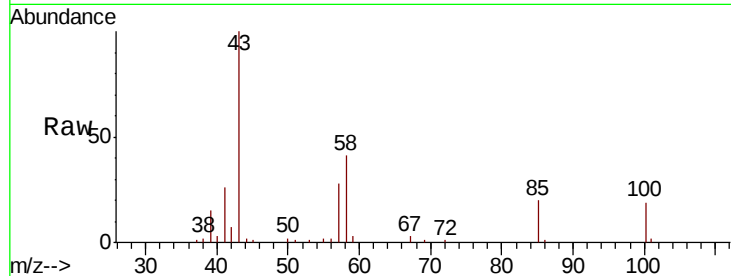
58 39.6 31.6 47.4

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#52

Toluene

Concen: 10.745 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007905.D

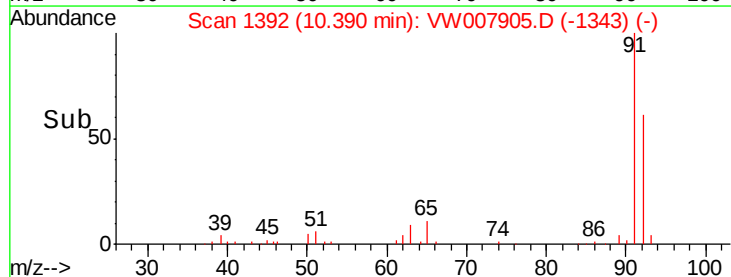
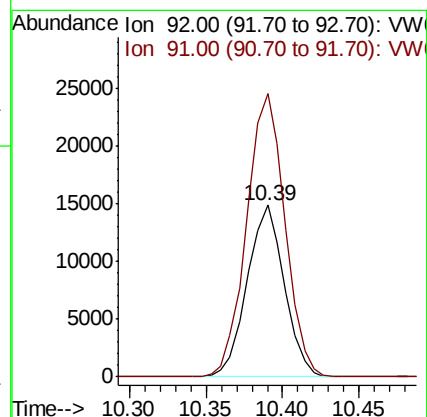
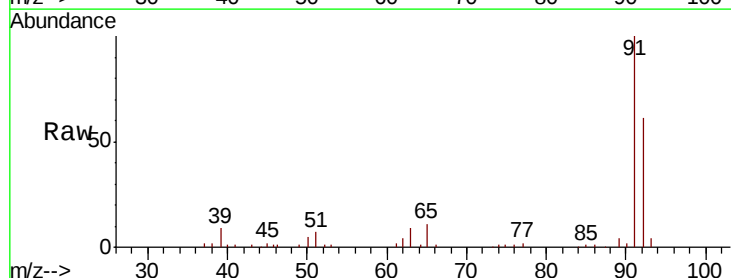
Acq: 24 Dec 2018 23:38

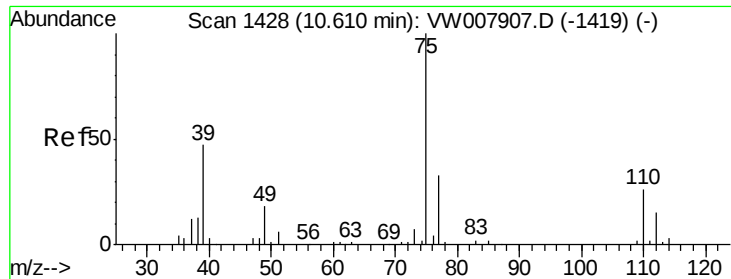
Tgt Ion: 92 Resp: 25048

Ion Ratio Lower Upper

92 100

91 170.3 138.0 207.0





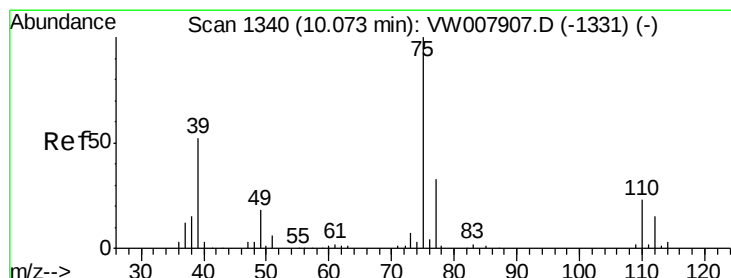
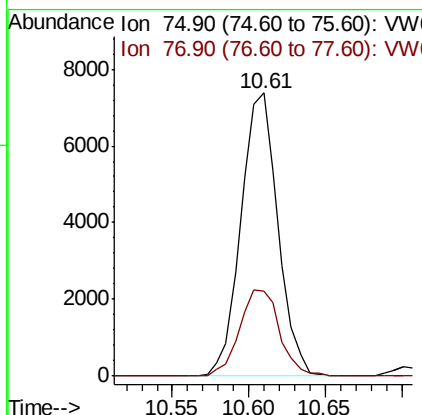
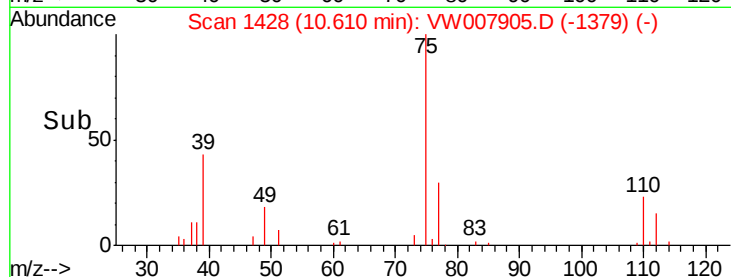
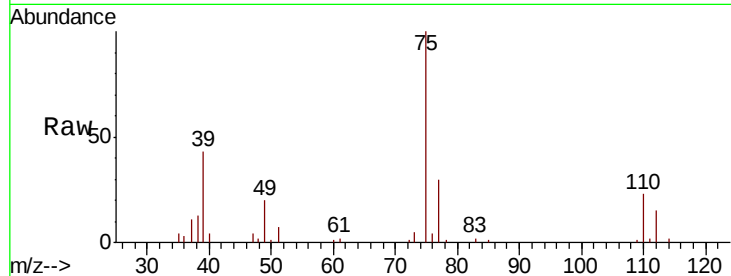
#53
t-1,3-Dichloropropene
Concen: 9.936 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 12369
Ion Ratio Lower Upper
75 100
77 29.9 26.4 39.6

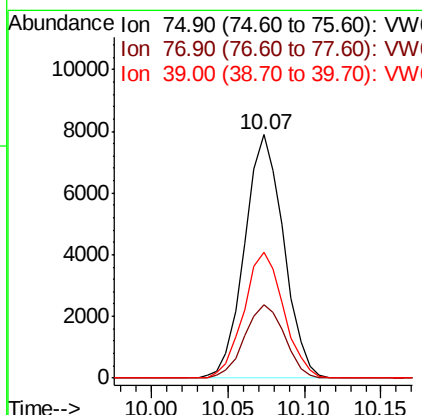
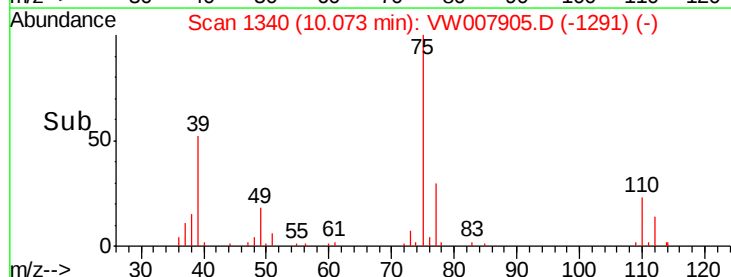
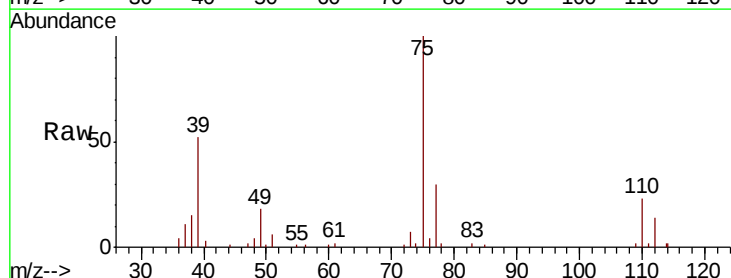
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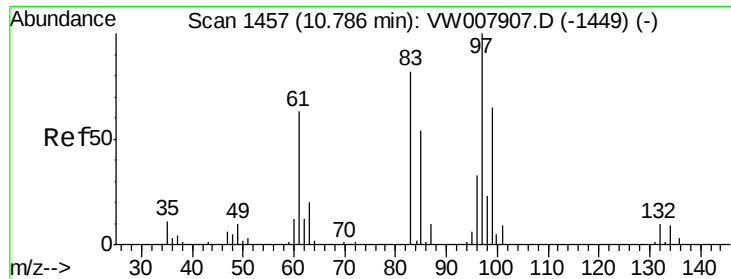
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#54
cis-1,3-Dichloropropene
Concen: 10.190 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion: 75 Resp: 14011
Ion Ratio Lower Upper
75 100
77 29.9 26.2 39.2
39 51.8 41.8 62.6





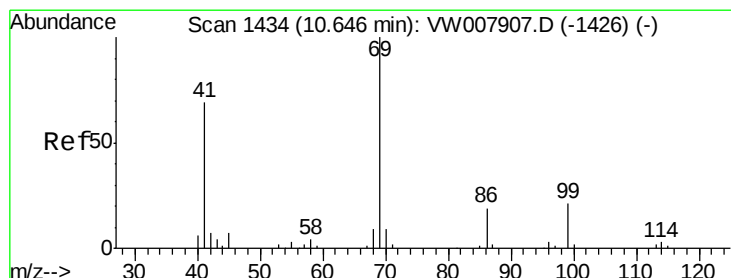
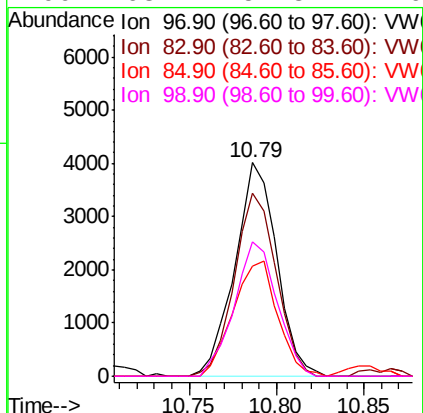
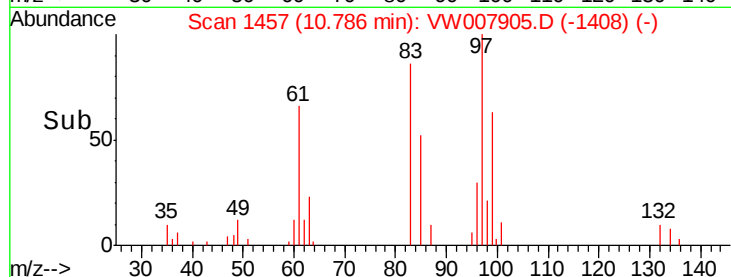
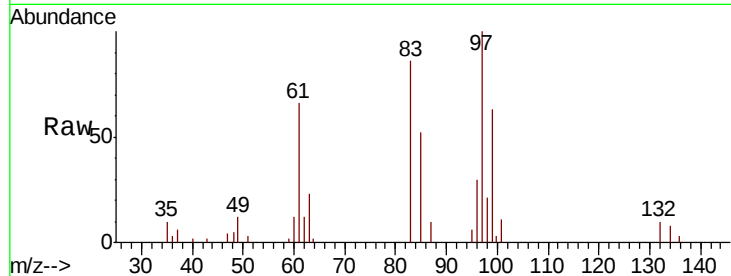
#55
 1,1,2-Trichloroethane
 Concen: 10.141 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	6688
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.6
85	51.9	43.5	65.3
99	63.1	51.8	77.6

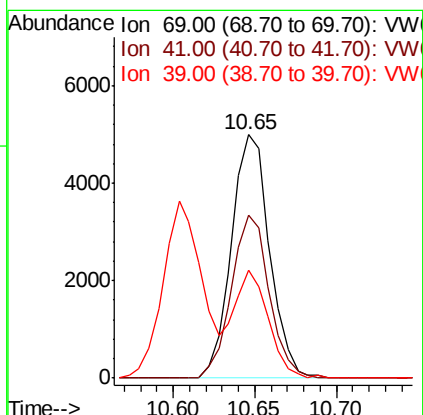
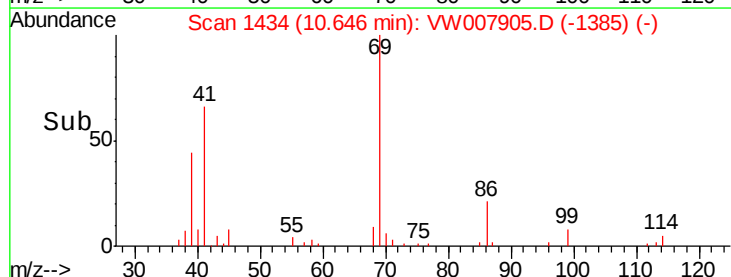
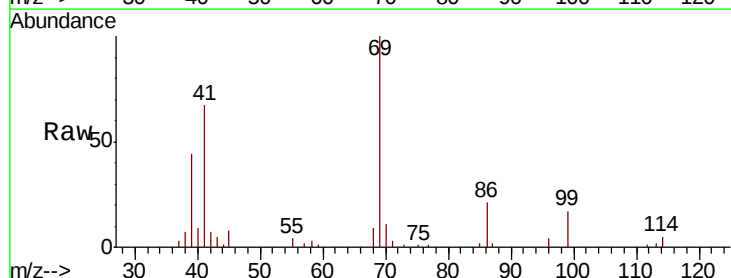
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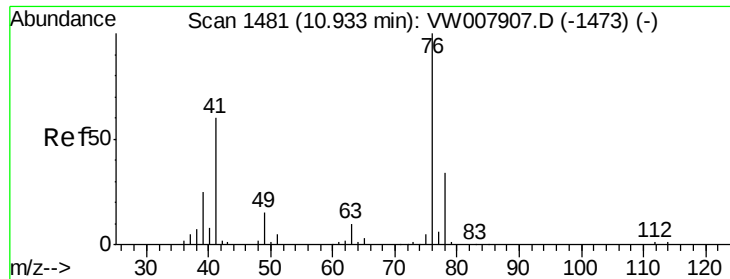
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#56
 Ethyl methacrylate
 Concen: 10.400 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion:	69	Resp:	8129
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.0	81.0
39	40.6	31.1	46.7





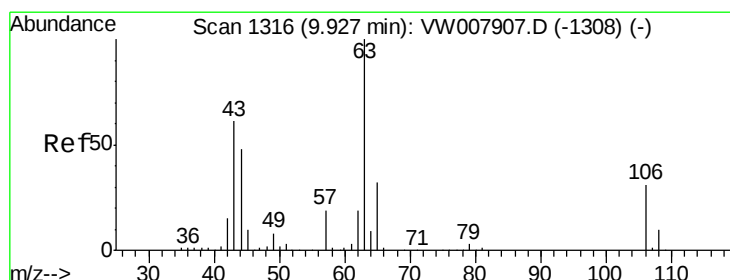
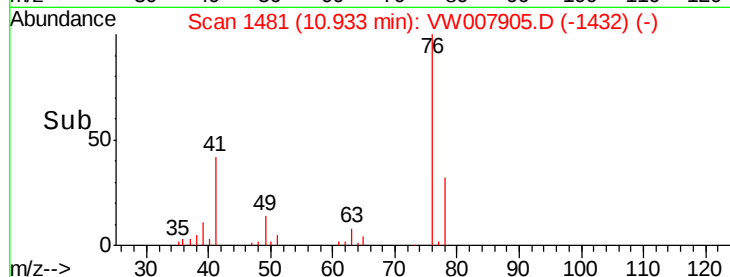
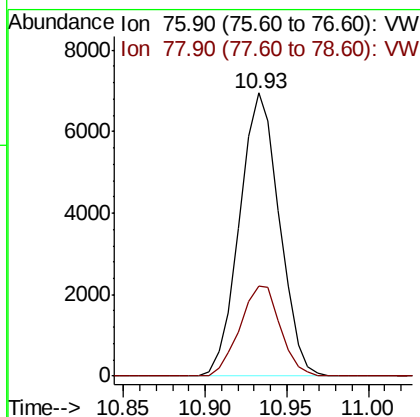
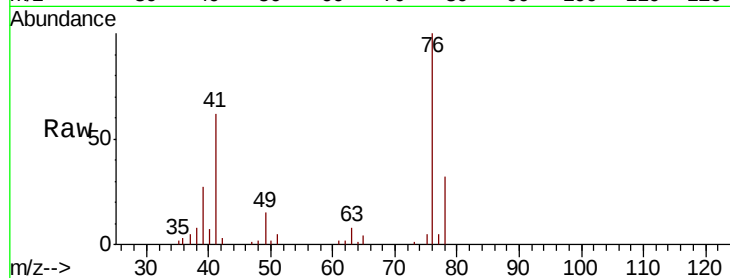
#57
 1,3-Dichloropropane
 Concen: 10.761 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 11836
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3

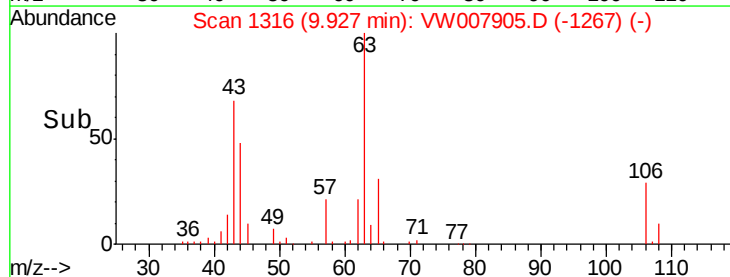
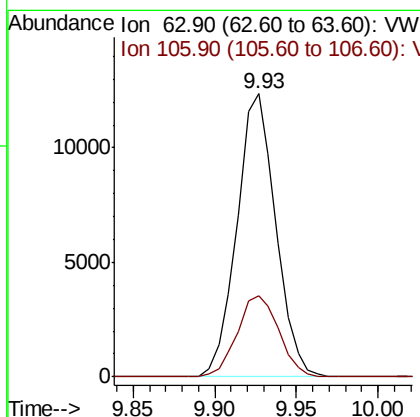
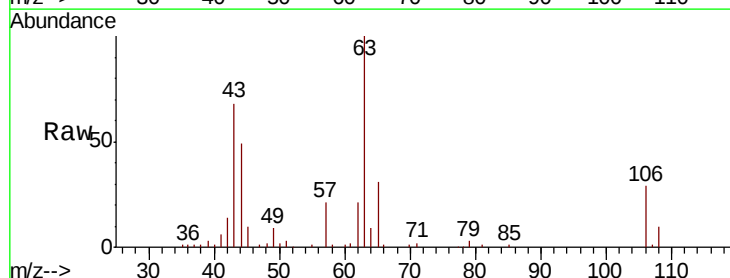
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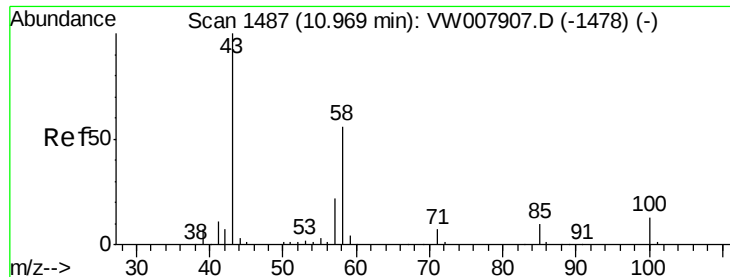
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 56.966 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion: 63 Resp: 20490
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.8 37.2





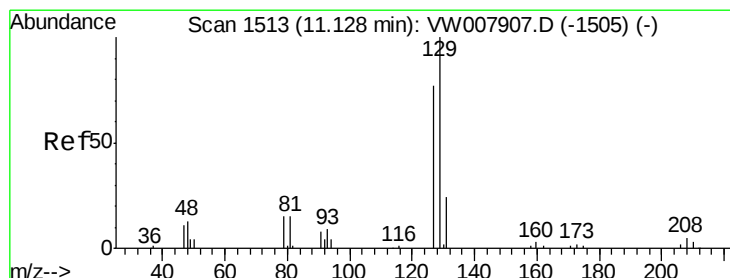
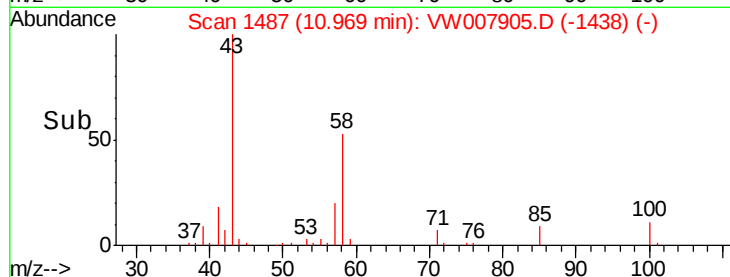
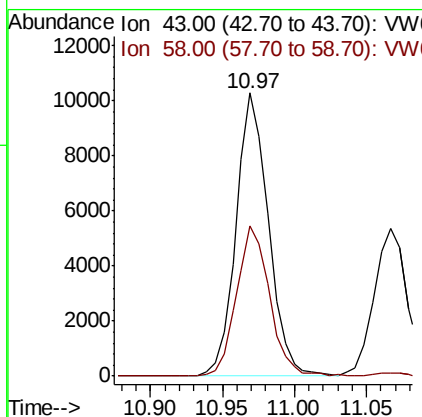
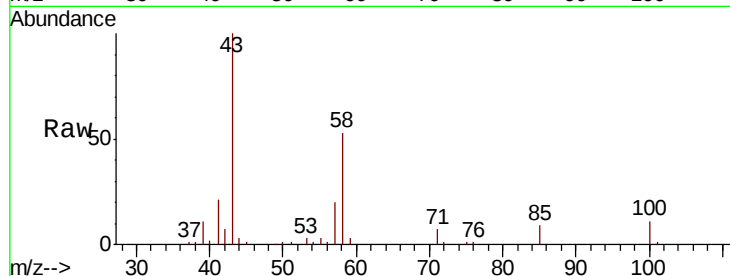
#59
2-Hexanone
Concen: 52.364 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 16074
Ion Ratio Lower Upper
43 100
58 54.4 27.4 82.0

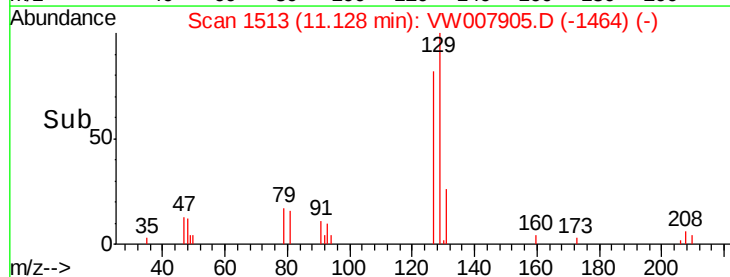
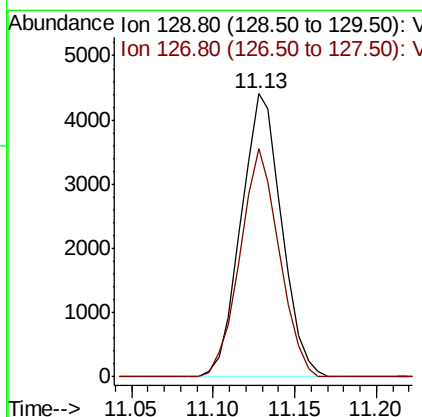
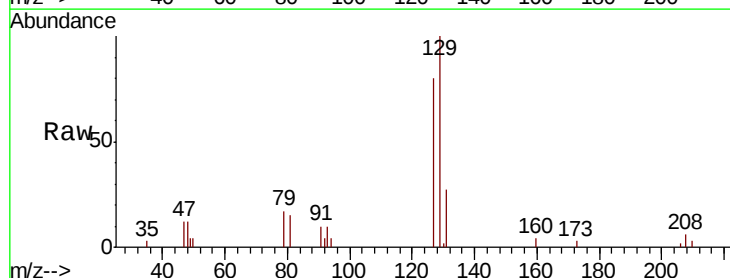
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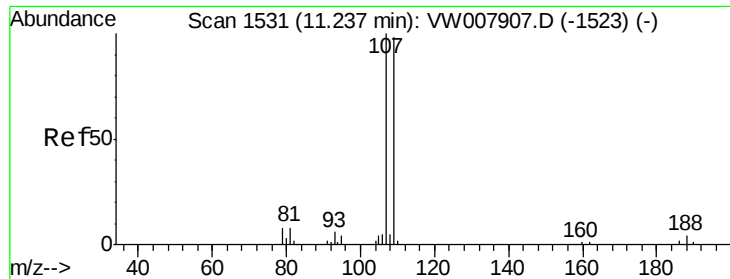
apatel
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#60
Dibromochloromethane
Concen: 8.893 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion: 129 Resp: 7636
Ion Ratio Lower Upper
129 100
127 77.6 38.0 113.9





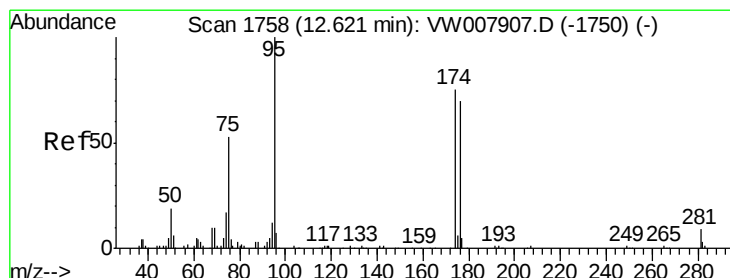
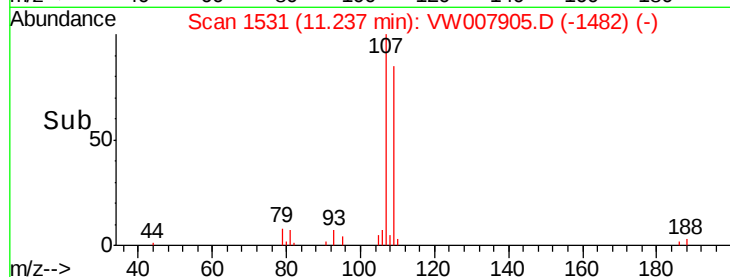
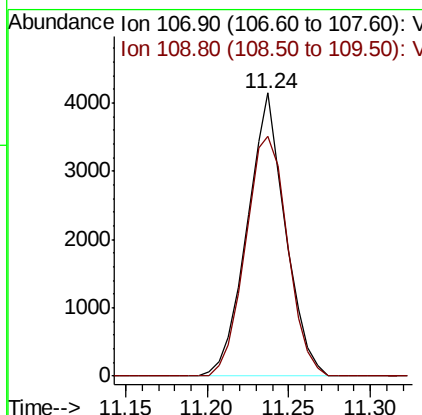
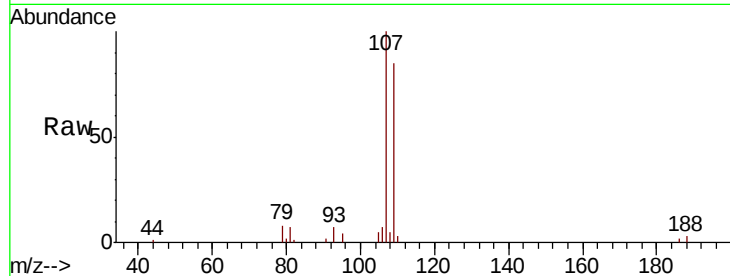
#61
 1,2-Dibromoethane
 Concen: 10.153 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	76.4	114.6

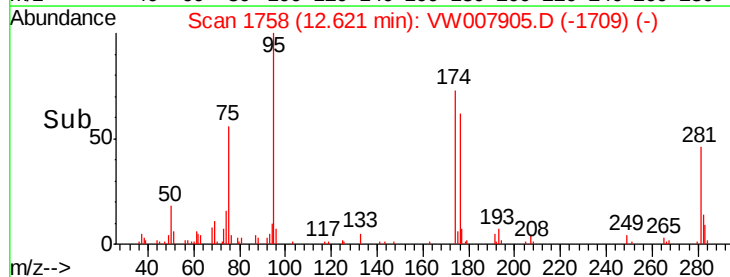
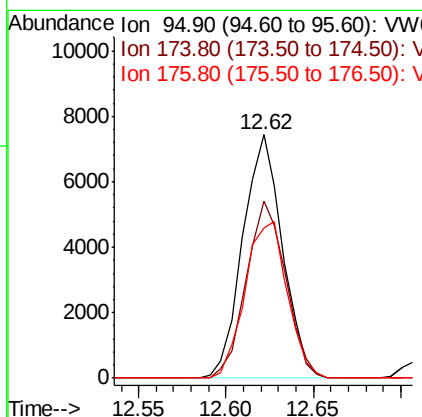
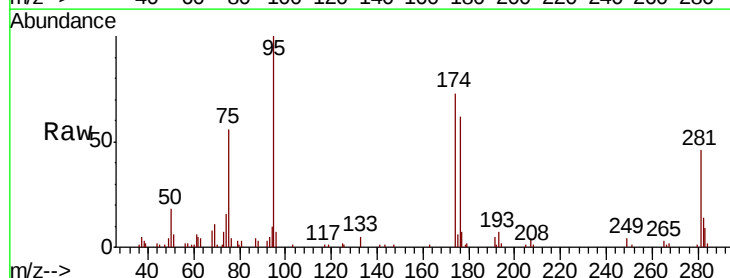
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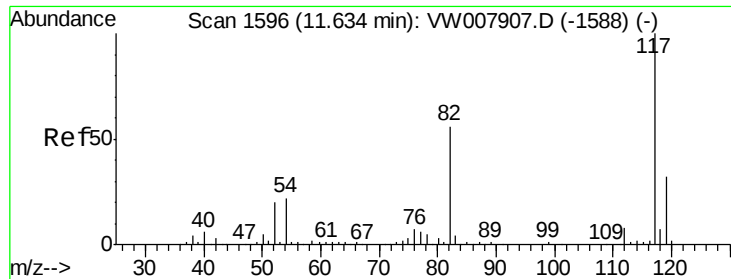
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#62
 4-Bromofluorobenzene
 Concen: 9.663 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	145.4
176	68.7	0.0	140.2





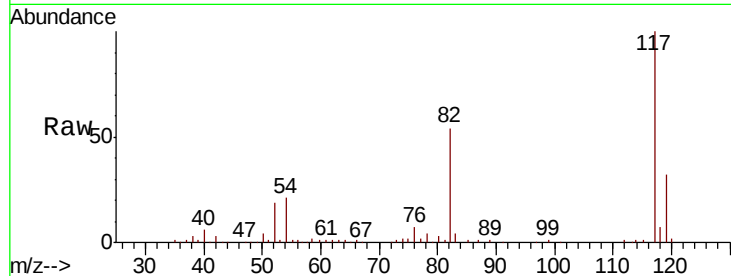
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.1	67.7
119	31.8	25.8	38.8

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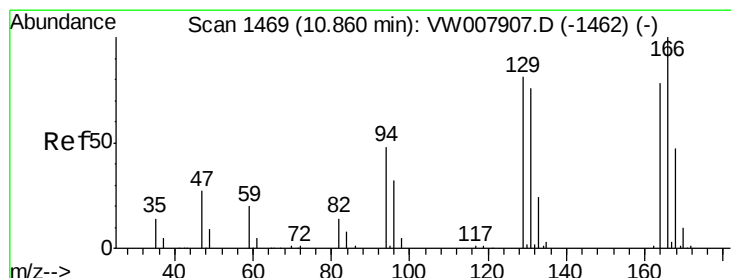
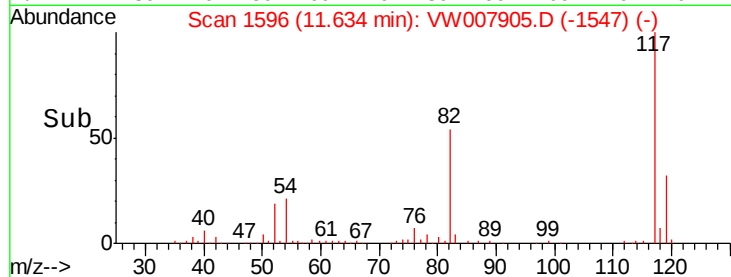
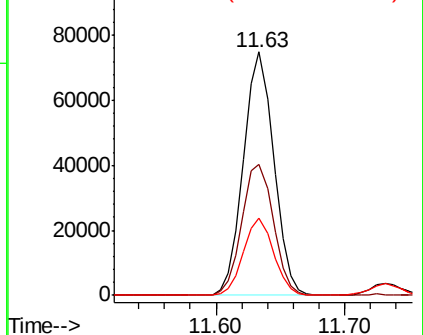


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 9.803 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.1	153.1
129	104.0	82.3	123.5
131	99.6	77.6	116.4

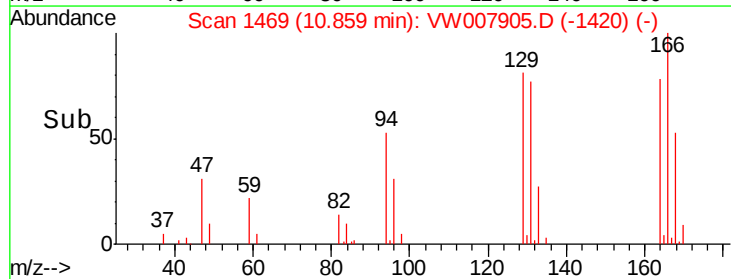
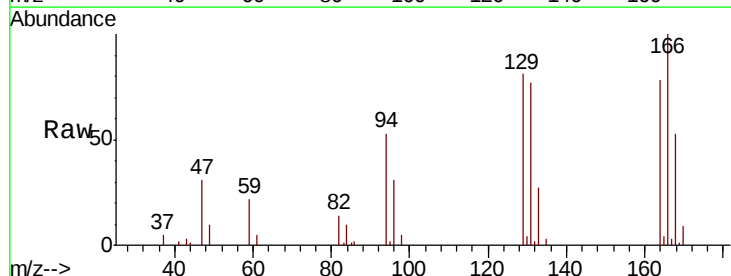
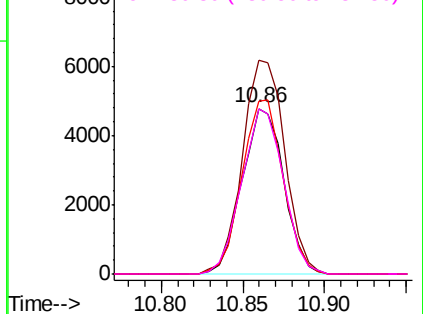
Abundance

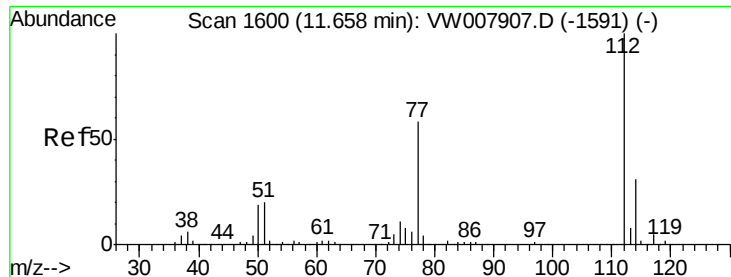
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





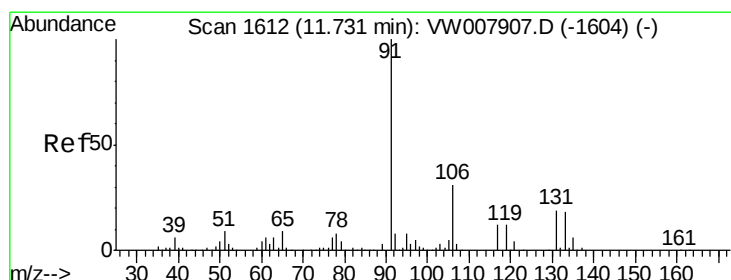
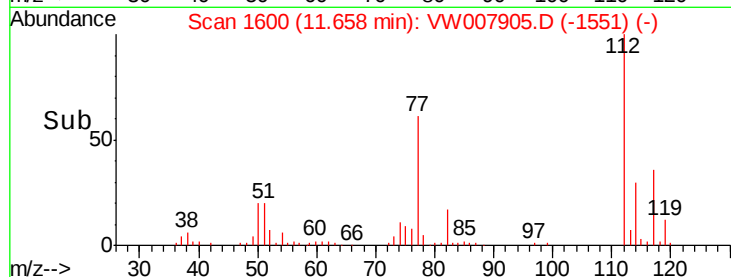
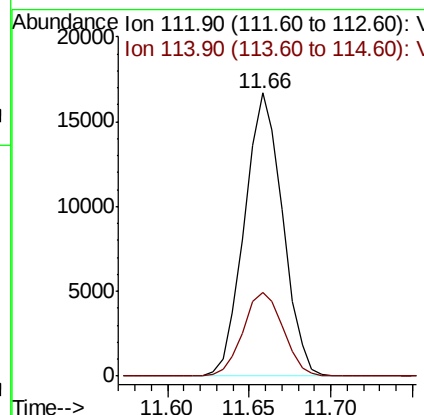
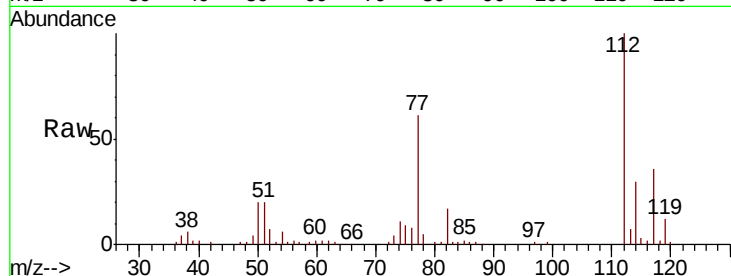
#65
Chlorobenzene
Concen: 10.258 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 27234
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7

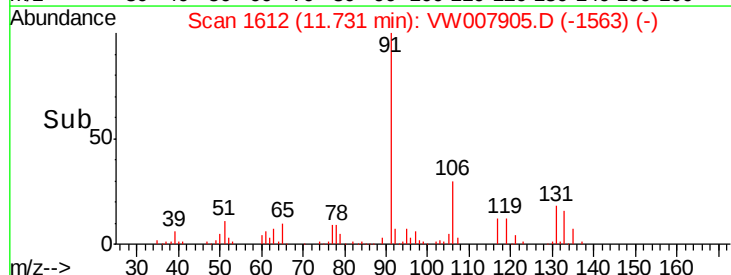
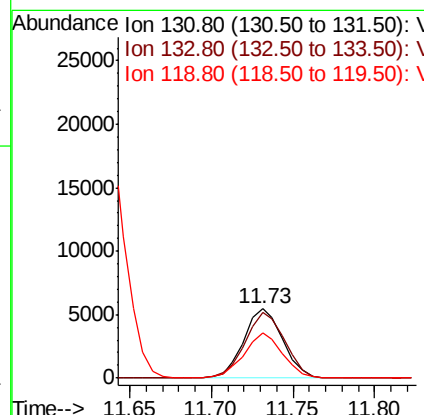
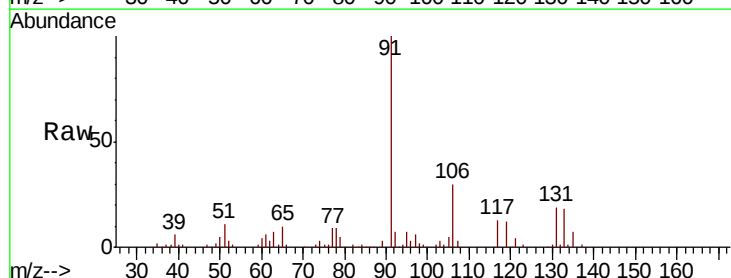
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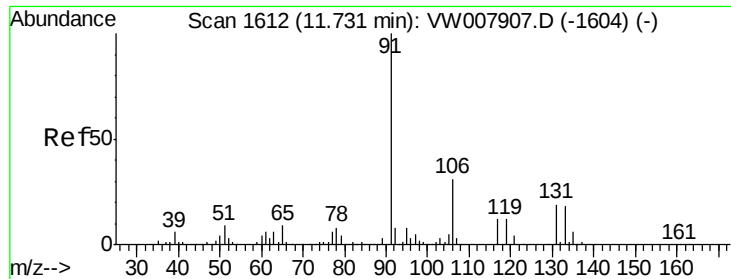
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.639 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion:131 Resp: 9088
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.3
119 64.6 31.6 95.0





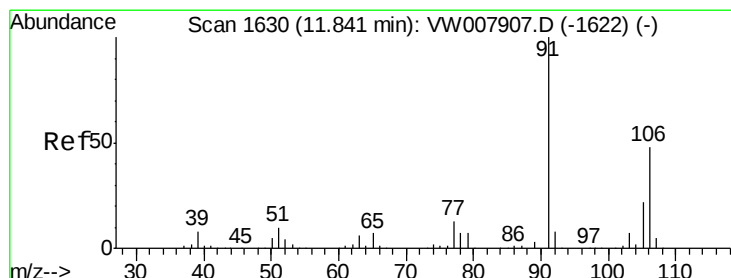
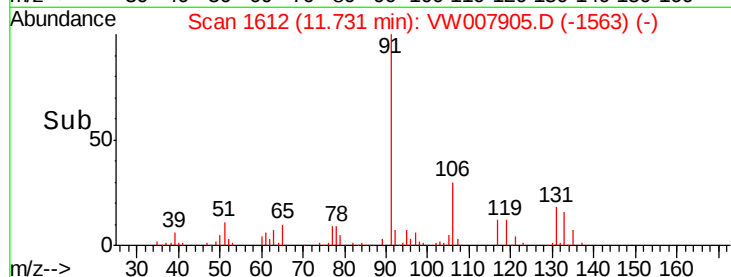
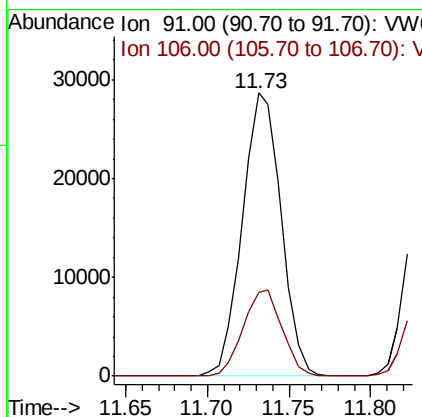
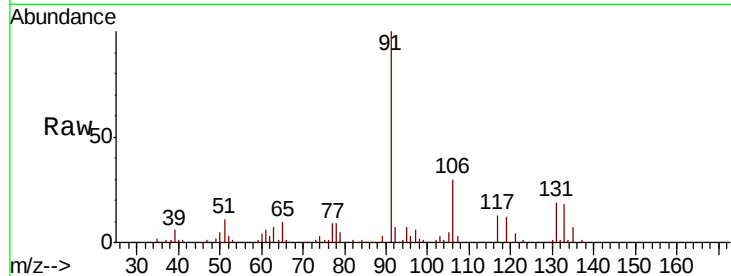
#67
Ethyl Benzene
Concen: 10.350 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 47288
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0

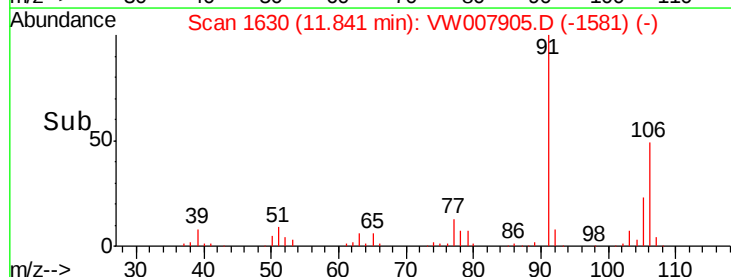
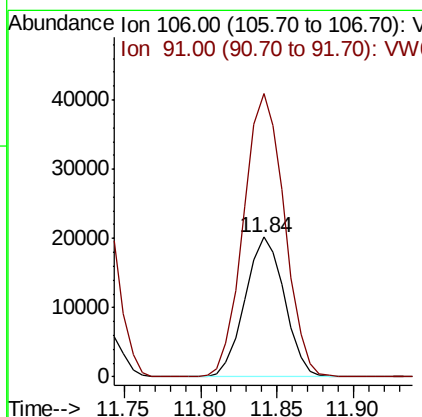
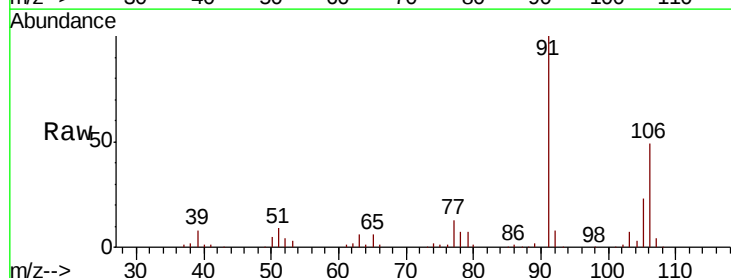
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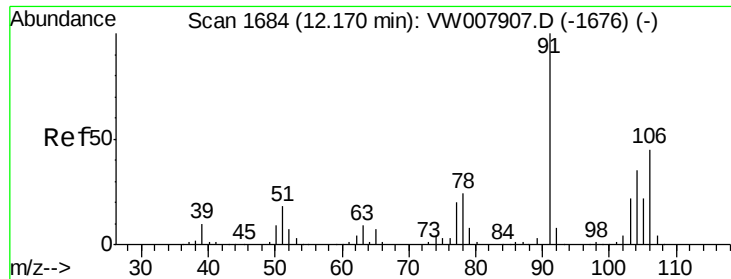
apatel
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#68
m/p-Xylenes
Concen: 20.593 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion: 106 Resp: 36348
Ion Ratio Lower Upper
106 100
91 208.5 166.6 249.8





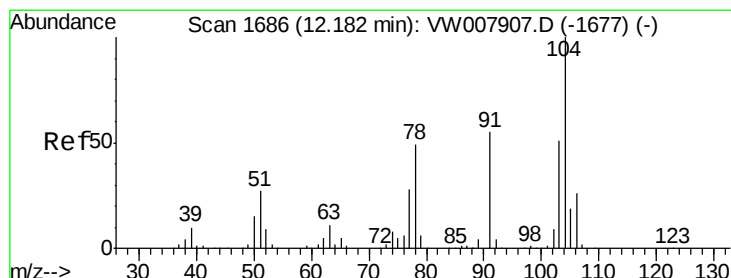
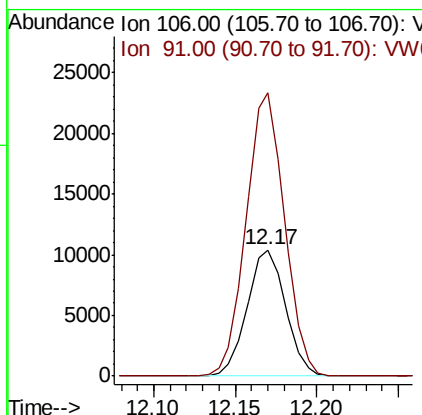
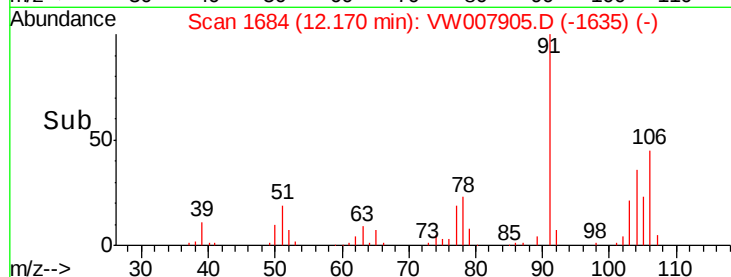
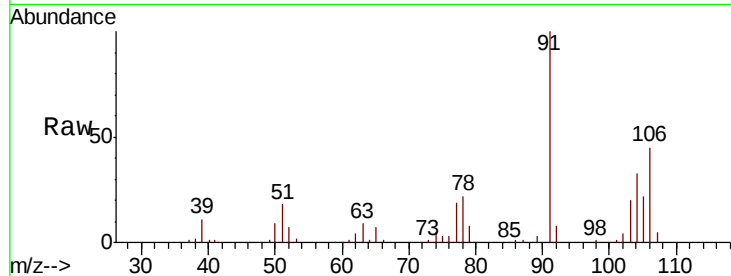
#69
o-Xylene
Concen: 10.242 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 16982
Ion Ratio Lower Upper
106 100
91 225.0 110.3 331.0

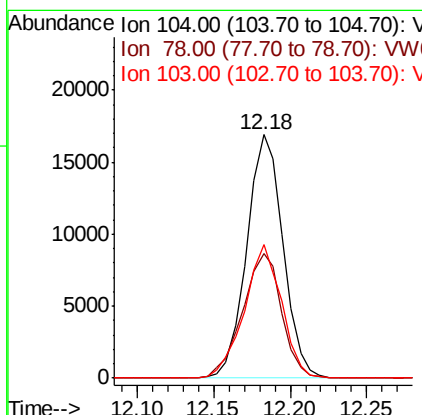
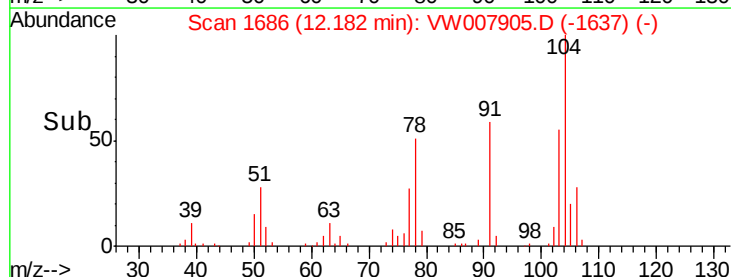
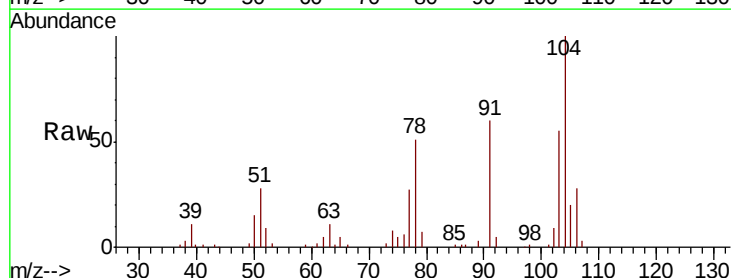
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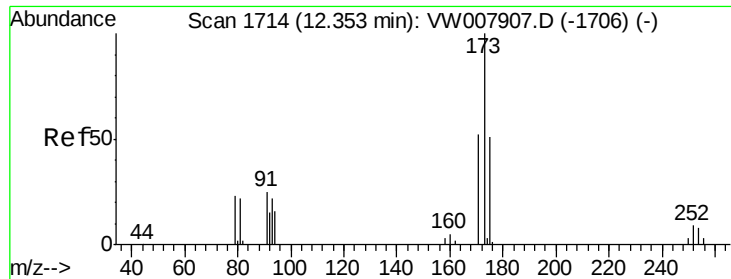
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#70
Styrene
Concen: 10.203 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion:104 Resp: 27832
Ion Ratio Lower Upper
104 100
78 54.9 43.1 64.7
103 56.2 44.1 66.1





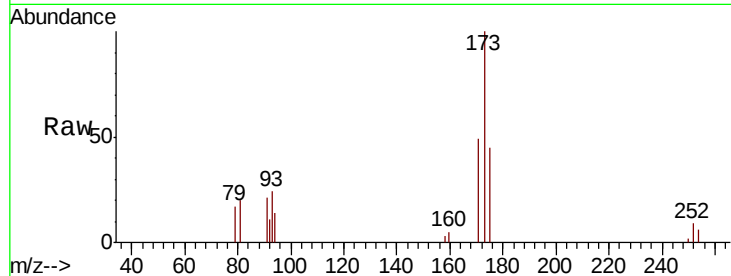
#71
Bromoform
Concen: 8.550 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

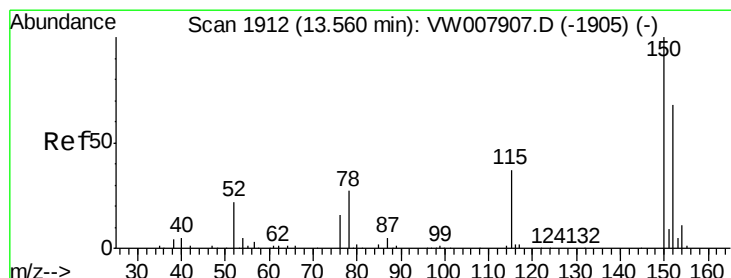
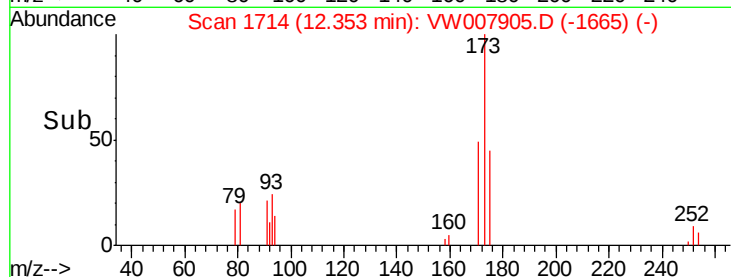
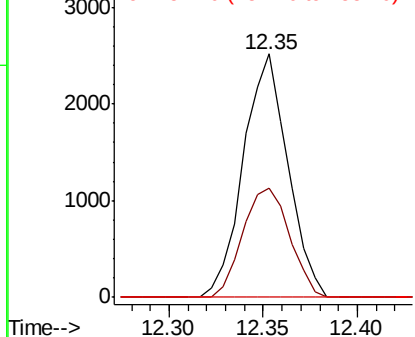
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.9	74.7
254	0.0	0.0	0.0

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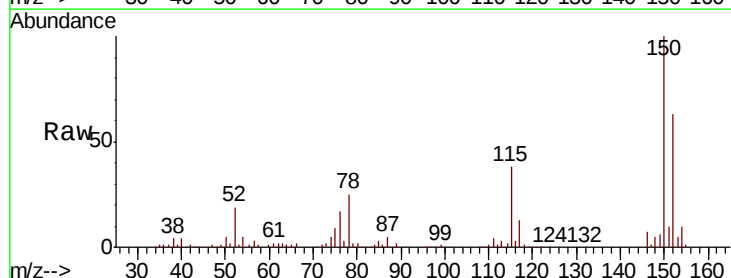


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

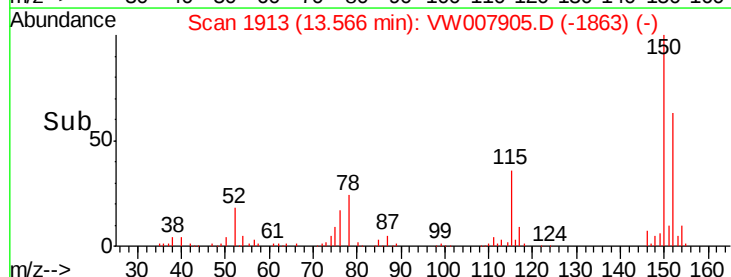
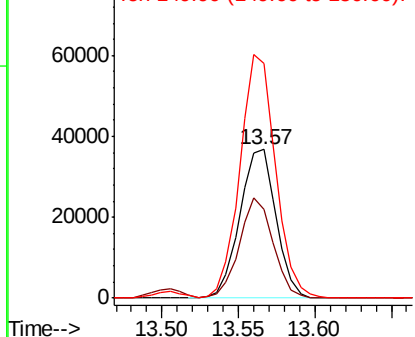


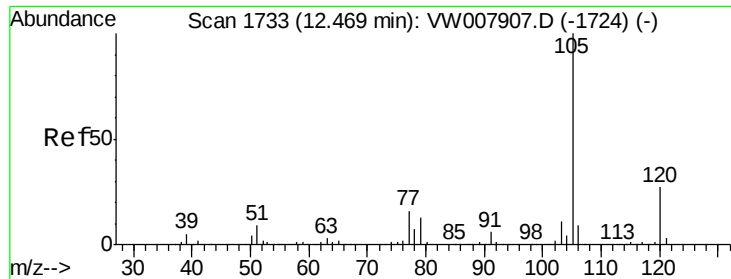
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.9	95.9
150	162.0	0.0	349.4



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: 10.465 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 47885

Ion Ratio Lower Upper

105 100

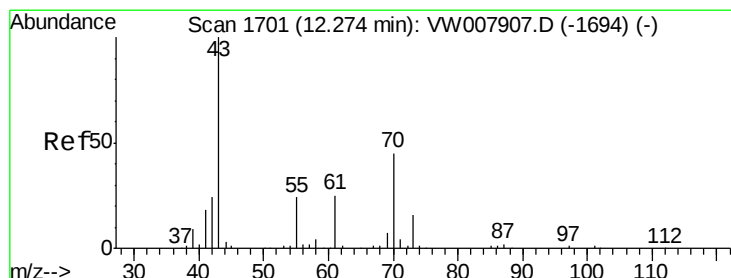
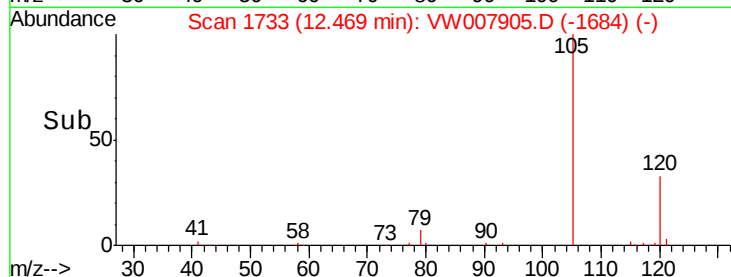
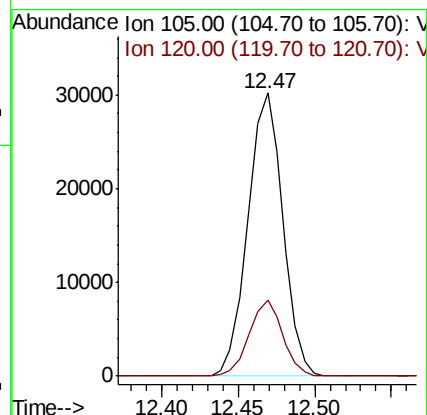
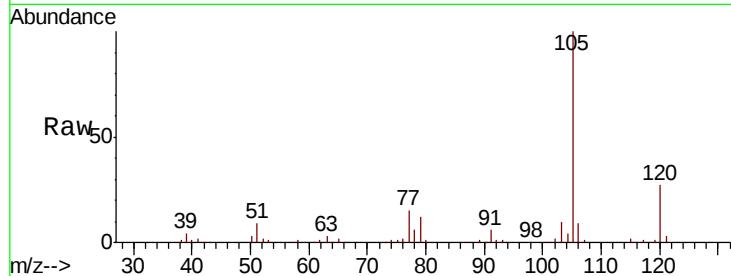
120 25.7 13.1 39.3

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#74

N-ethyl acetate

Concen: 11.071 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion: 43 Resp: 9056

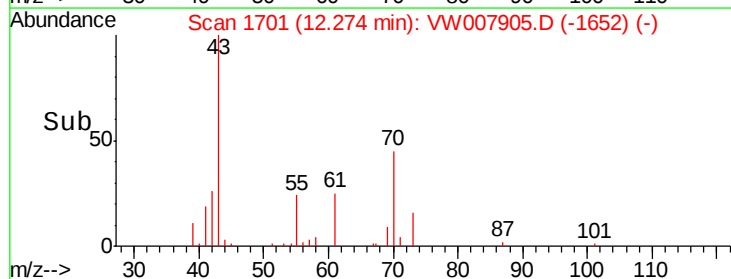
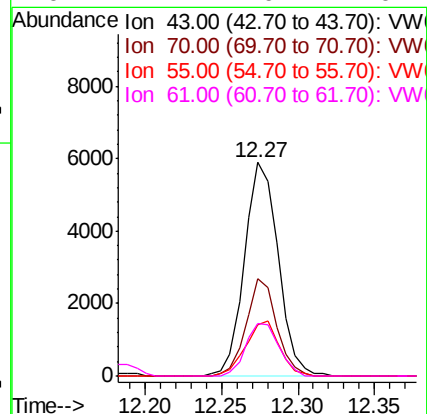
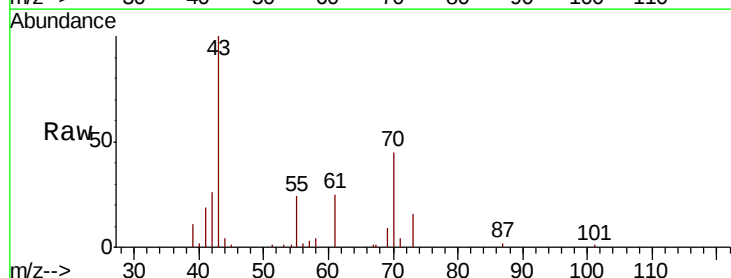
Ion Ratio Lower Upper

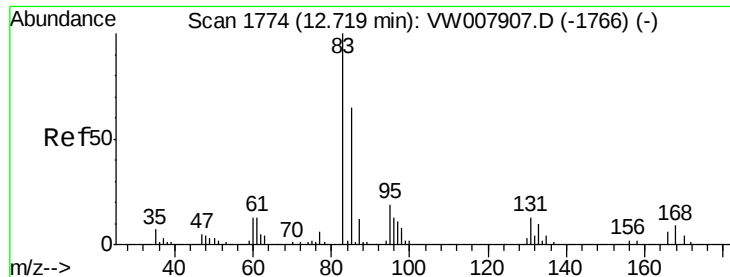
43 100

70 40.9 35.4 53.0

55 25.5 19.3 28.9

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.679 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

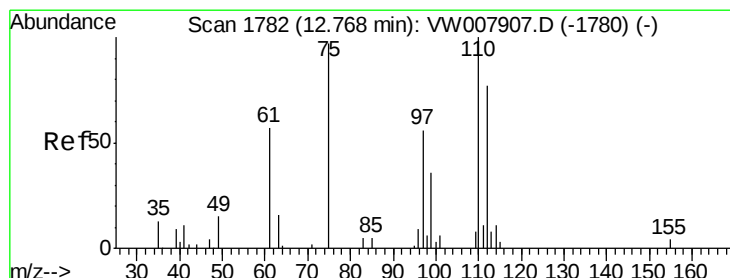
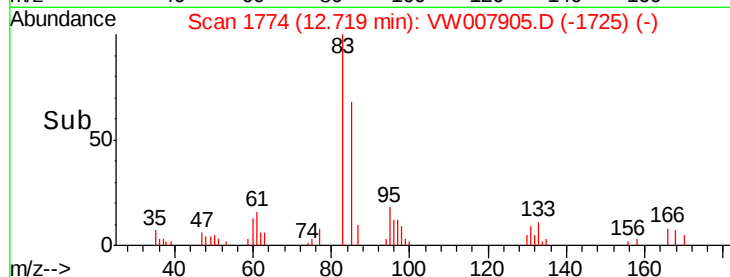
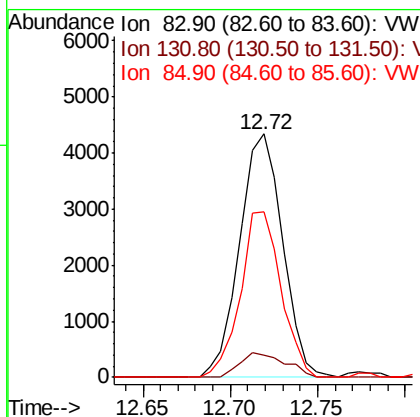
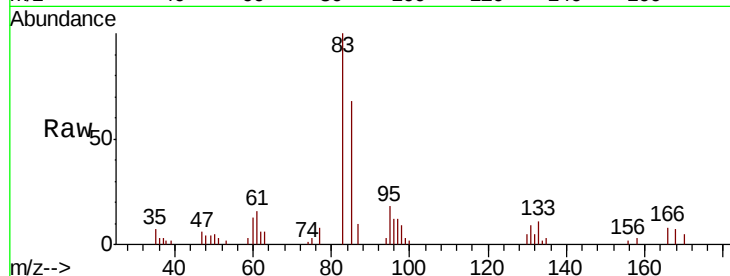
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	7425
Ion	Ratio	Lower	Upper
83	100		
131	10.5	6.2	18.4
85	64.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 14.280 ug/l m

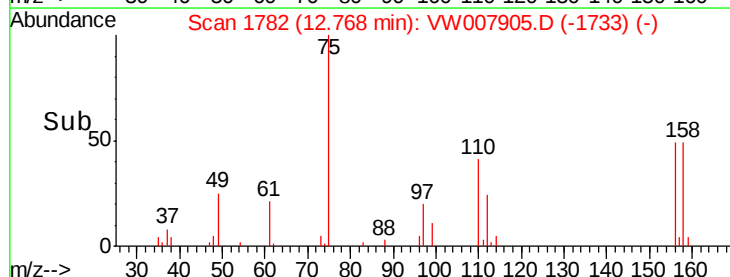
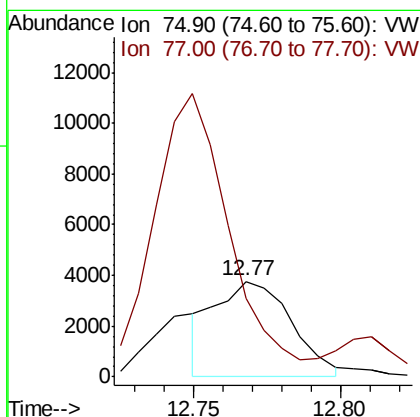
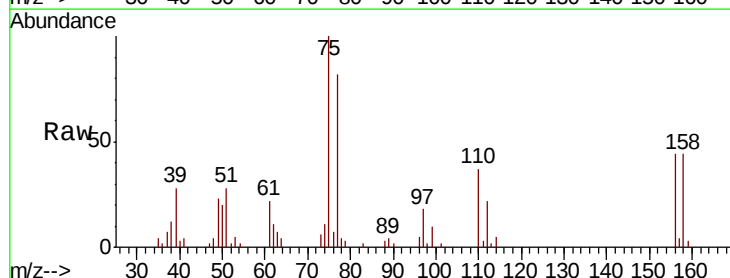
RT: 12.77 min Scan# 1782

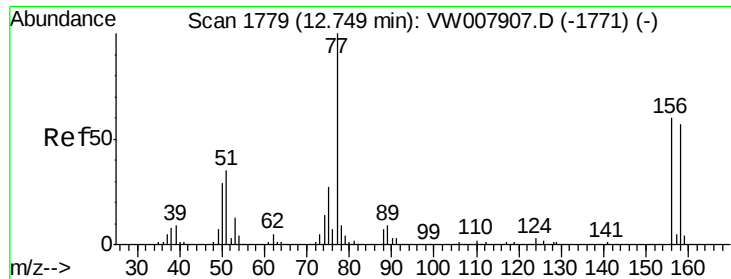
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	75	Resp:	6820
Ion	Ratio	Lower	Upper
75	100		
77	294.1	165.9	497.7





#77

Bromobenzene

Concen: 10.004 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 156 Resp: 10469

Ion Ratio Lower Upper

156 100

77 191.6 94.0 282.0

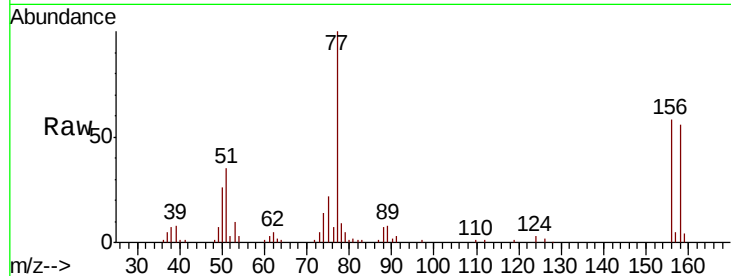
158 98.3 48.6 145.8

Manual Integrations

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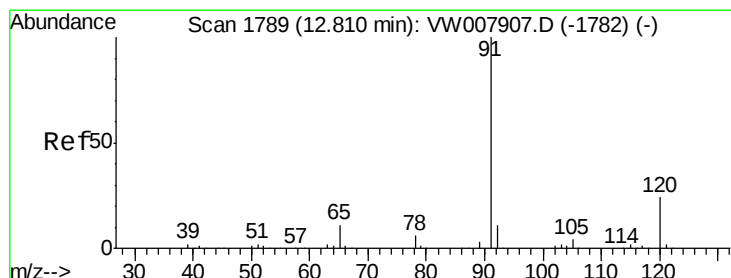
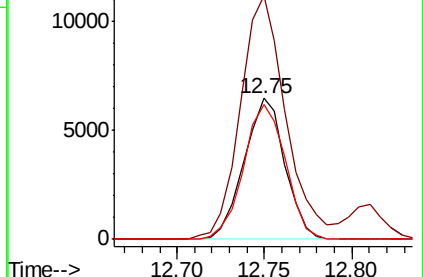
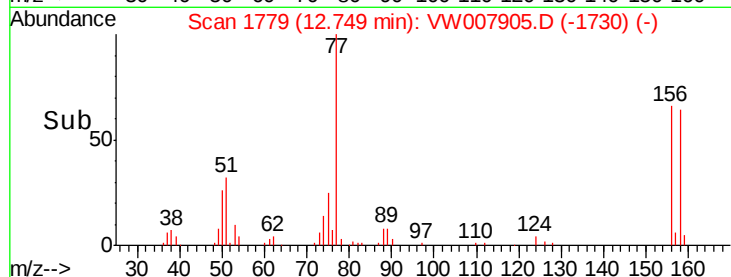
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.336 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007905.D

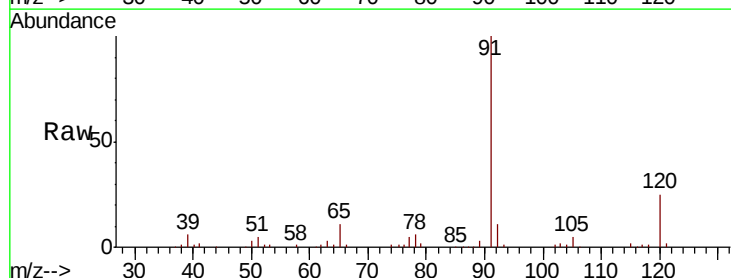
Acq: 24 Dec 2018 23:38

Tgt Ion: 91 Resp: 55086

Ion Ratio Lower Upper

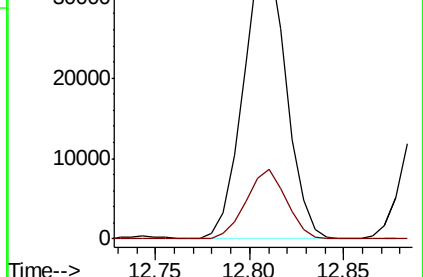
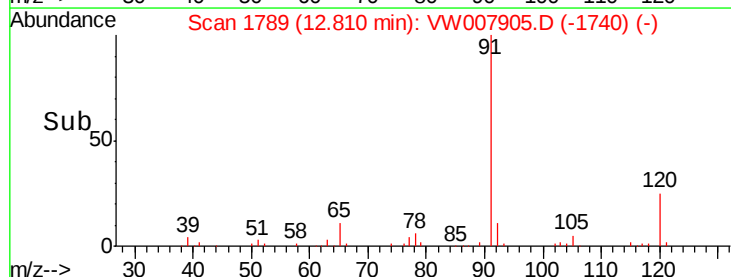
91 100

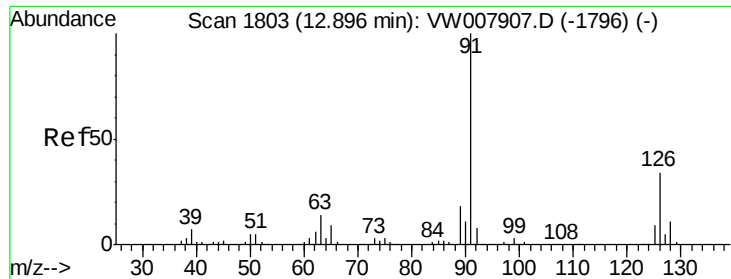
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





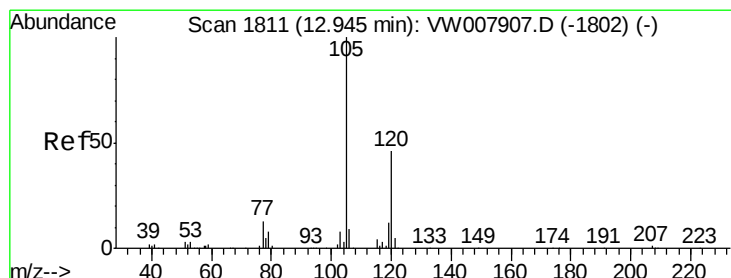
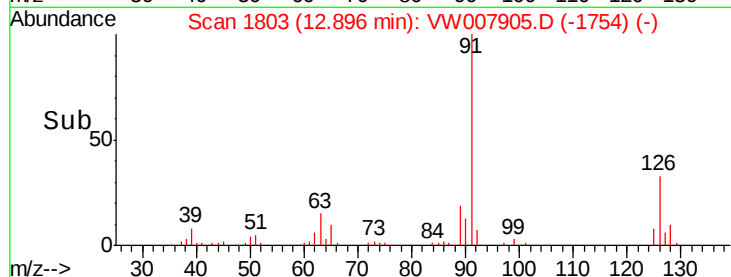
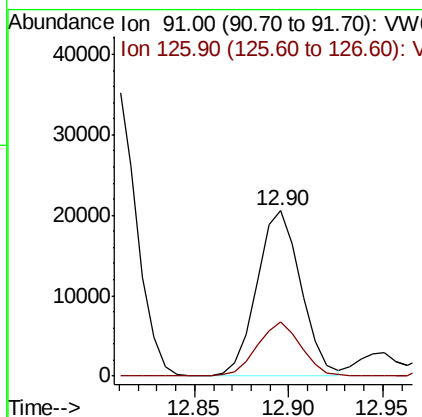
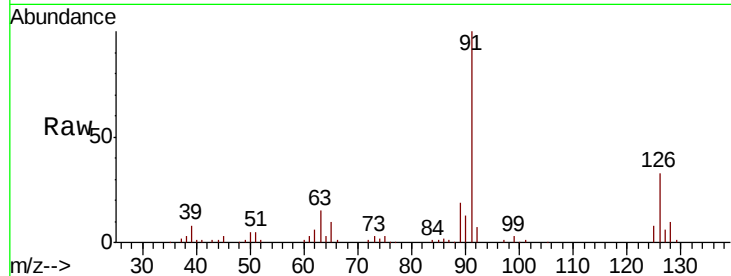
#79
 2-Chlorotoluene
 Concen: 10.699 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 91 Resp: 33386
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.6 49.8

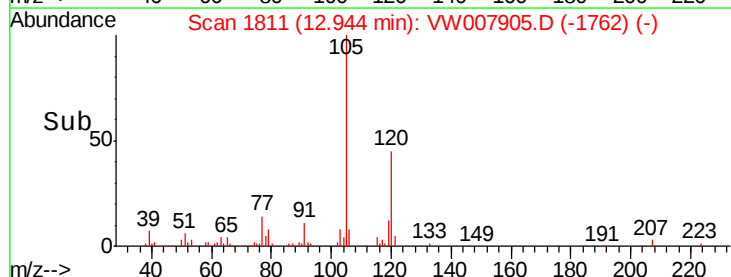
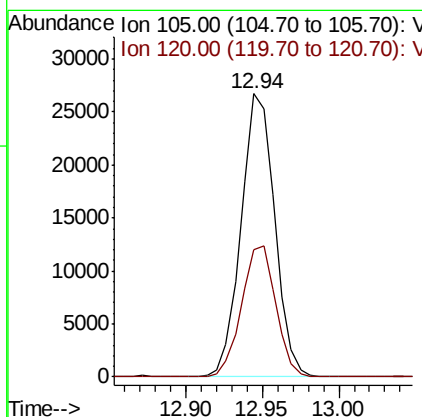
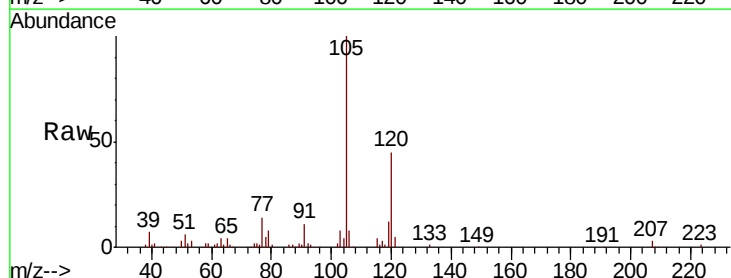
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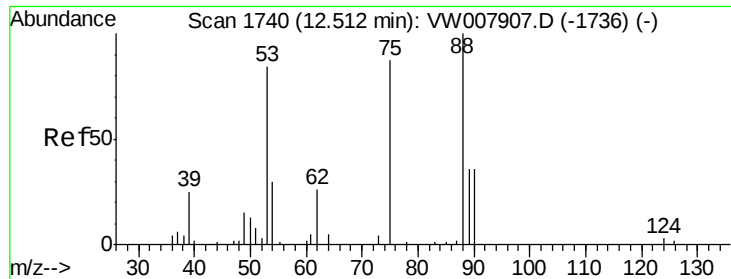
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#80
 1,3,5-Trimethylbenzene
 Concen: 10.355 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion: 105 Resp: 40873
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 9.565 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

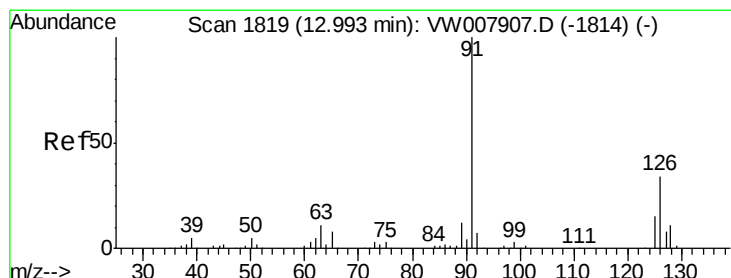
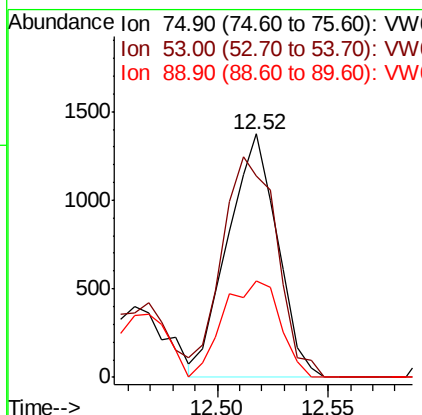
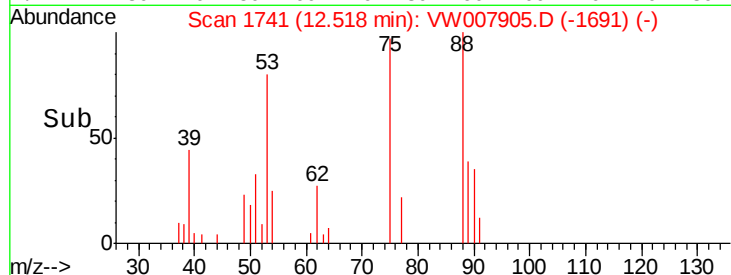
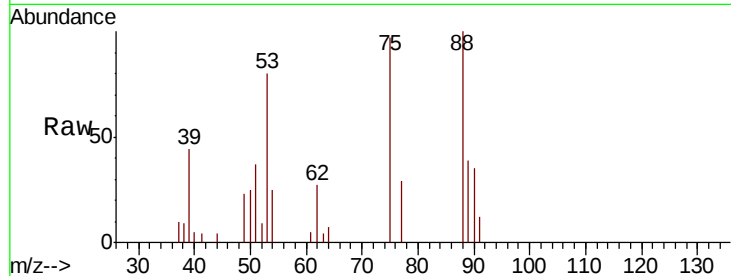
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	2125
Ion	Ratio	Lower	Upper
75	100		
53	100.5	79.8	119.8
89	45.1	37.1	55.7

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#82

4-Chlorotoluene

Concen: 10.630 ug/l

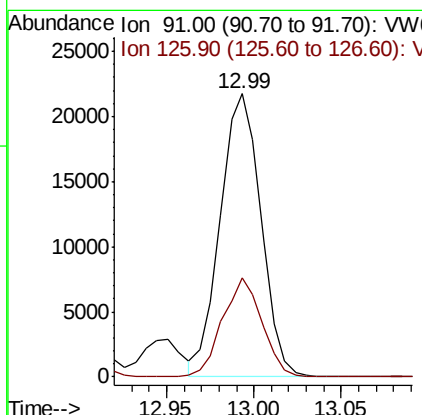
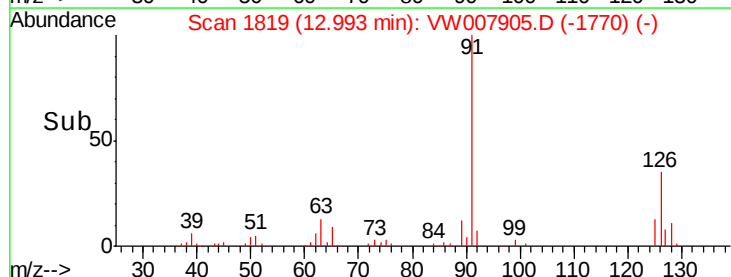
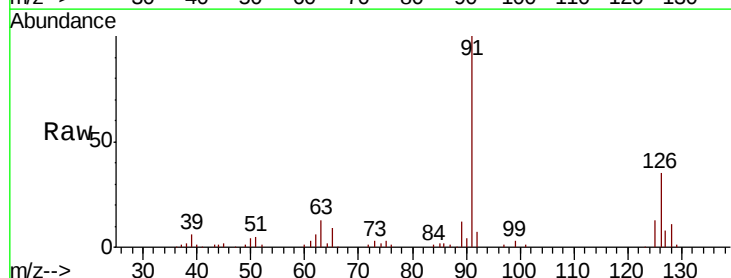
RT: 12.99 min Scan# 1819

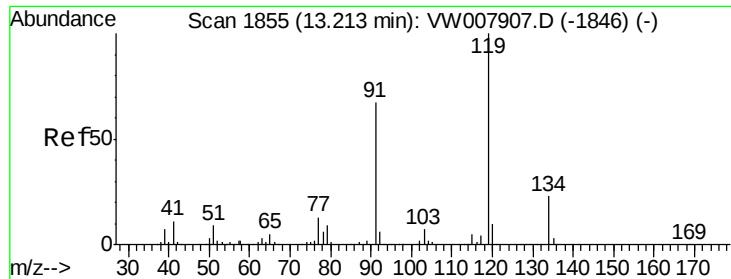
Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Tgt Ion:	91	Resp:	35156
Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.5	49.5





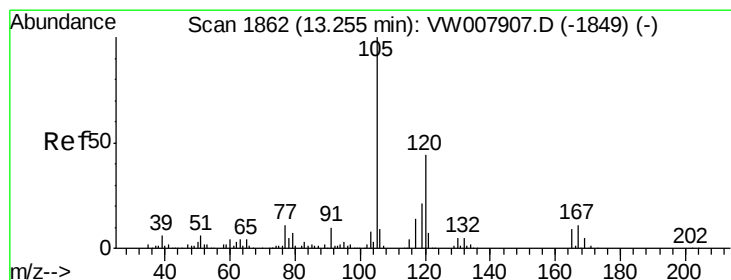
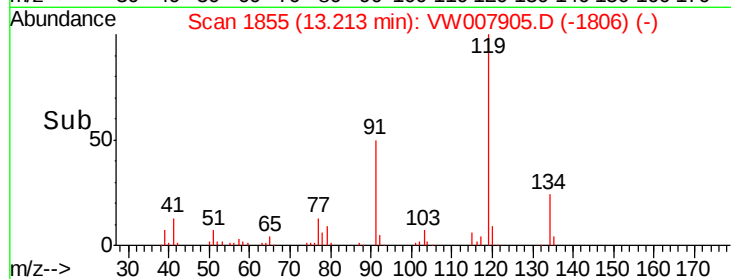
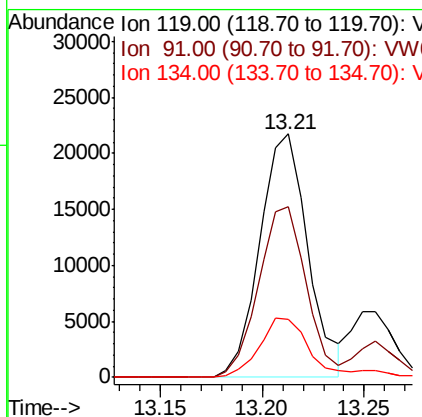
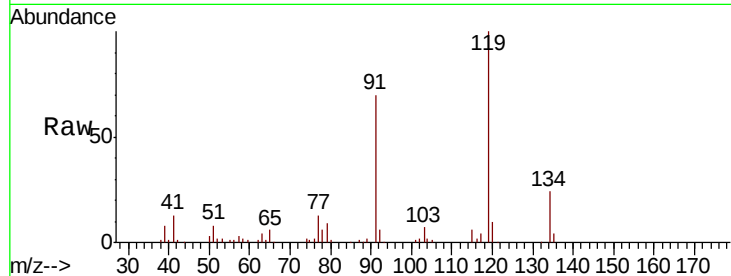
#83
tert-Butylbenzene
Concen: 10.311 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	33.8	101.3
134	26.6	11.7	35.1

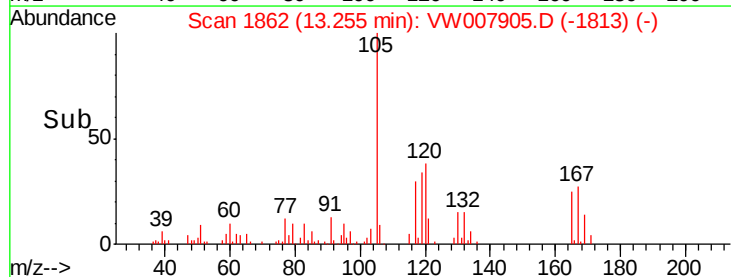
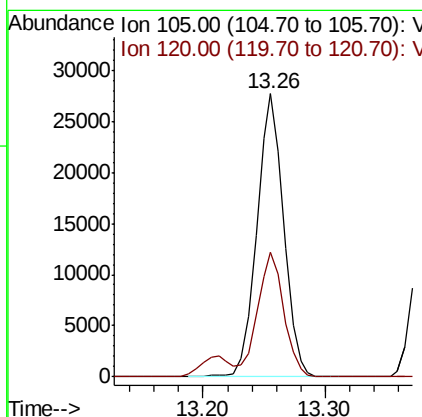
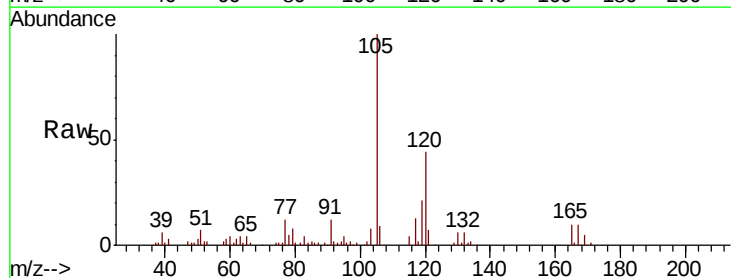
Manual Integrations
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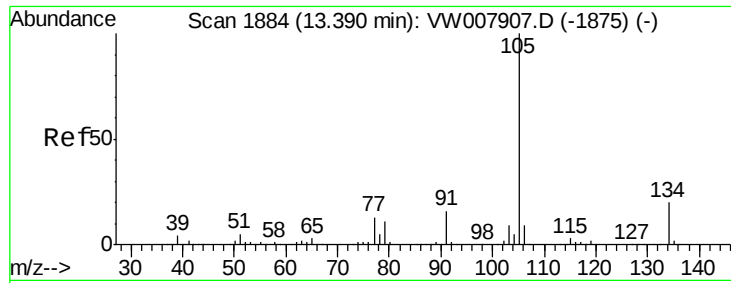
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#84
1,2,4-Trimethylbenzene
Concen: 10.594 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 10.462 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 49870

Ion Ratio Lower Upper

105 100

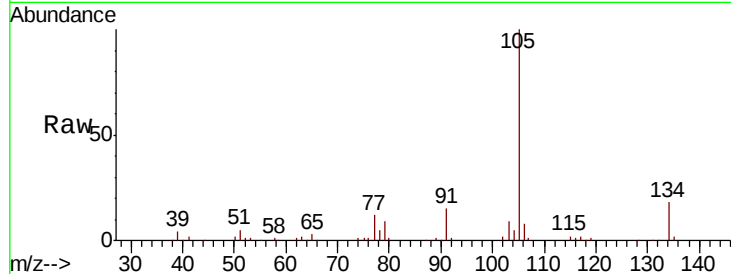
134 19.5 10.0 29.8

Manual Integrations

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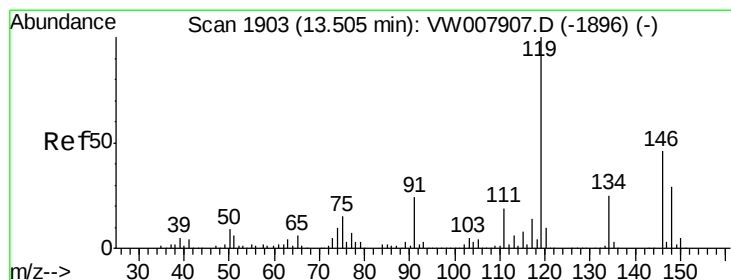
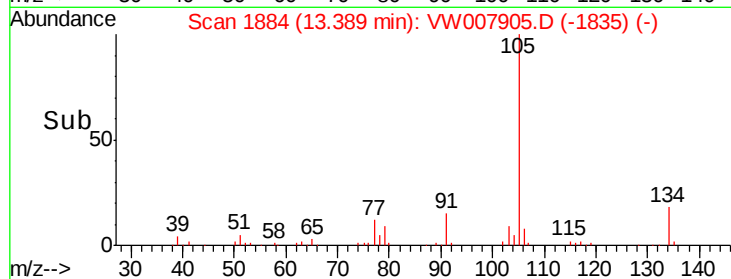
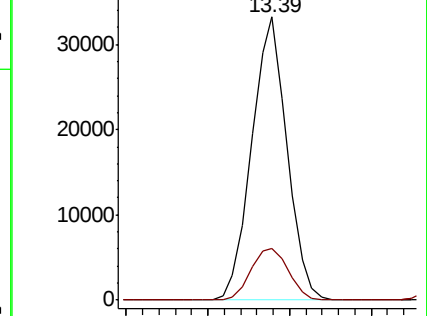
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.359 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007905.D

Acq: 24 Dec 2018 23:38

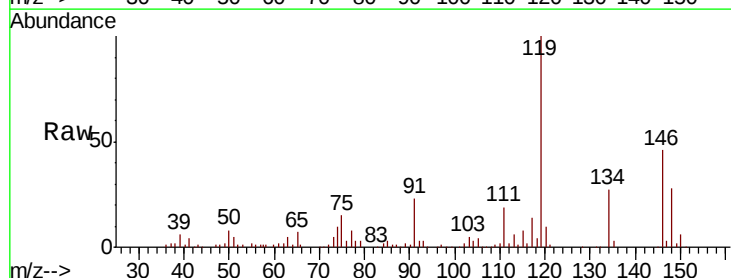
Tgt Ion:119 Resp: 44814

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

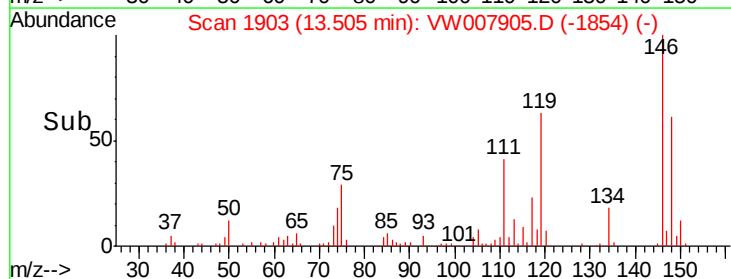
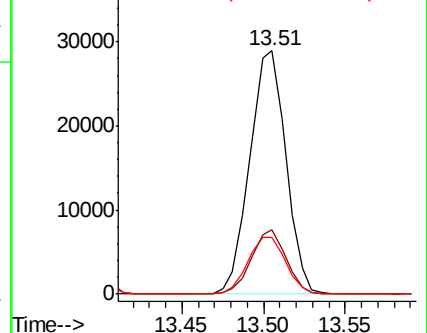
91 24.6 12.7 38.1

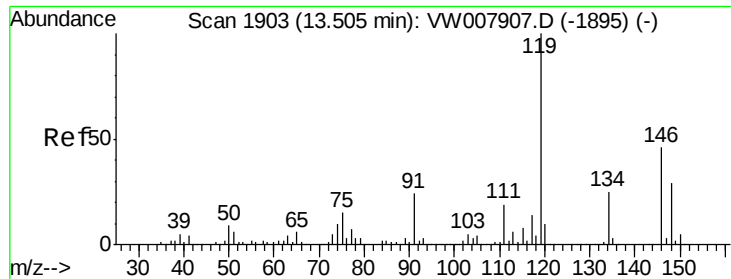


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





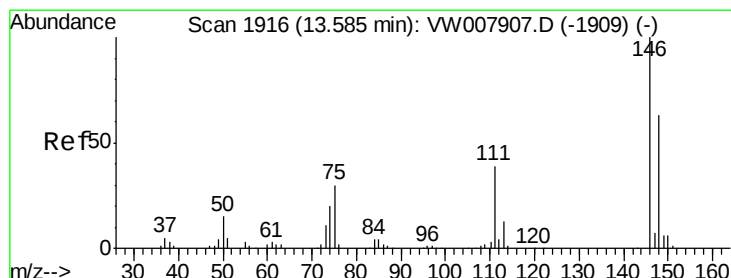
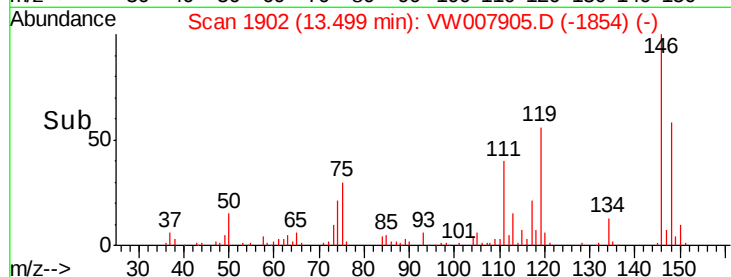
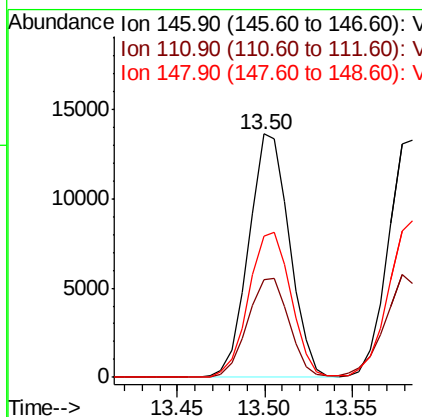
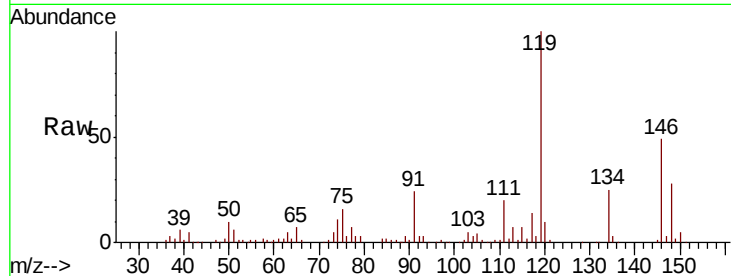
#87
 1,3-Dichlorobenzene
 Concen: 10.612 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.2
148	61.6	31.6	94.8

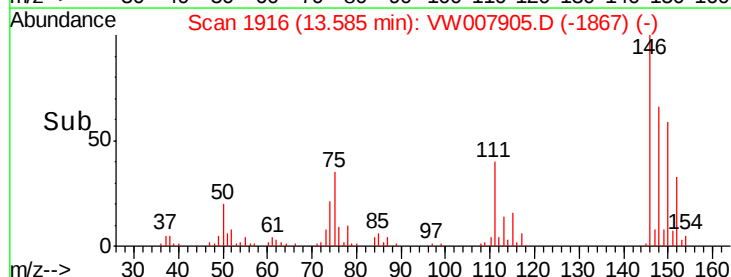
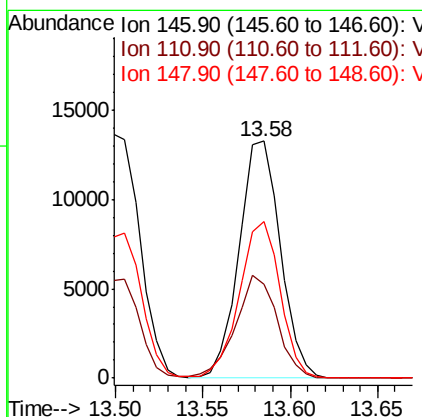
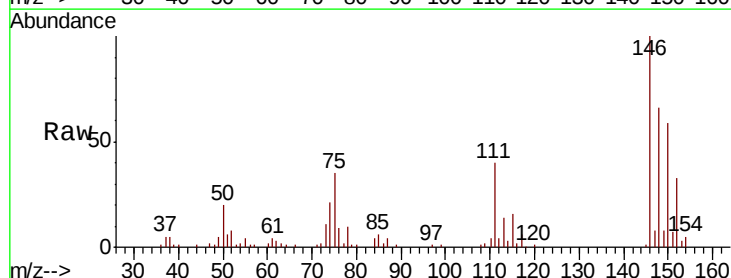
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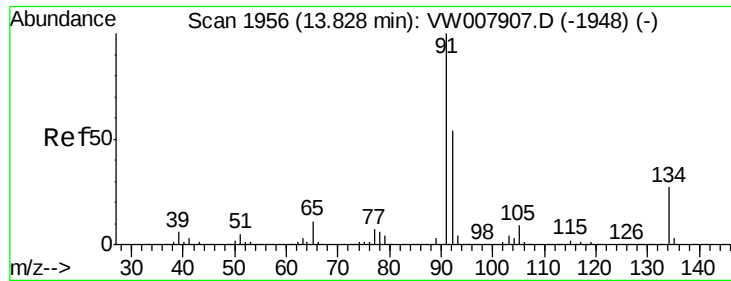
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#88
 1,4-Dichlorobenzene
 Concen: 10.512 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.8	62.5
148	65.6	31.9	95.5





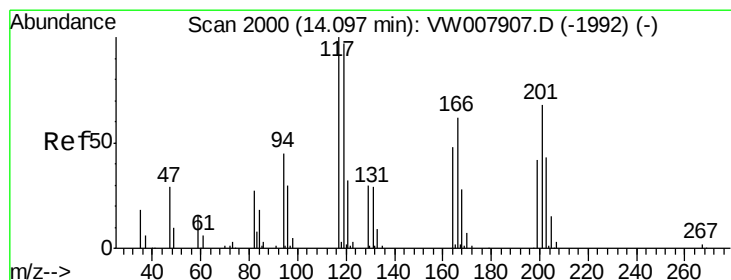
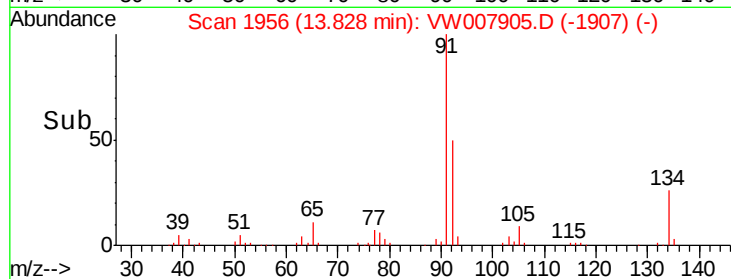
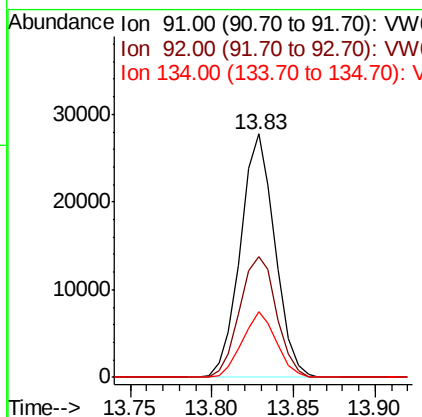
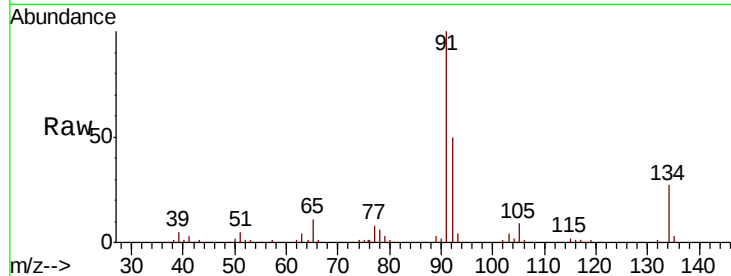
#89
n-Butylbenzene
Concen: 10.289 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	26.6	13.2	39.5

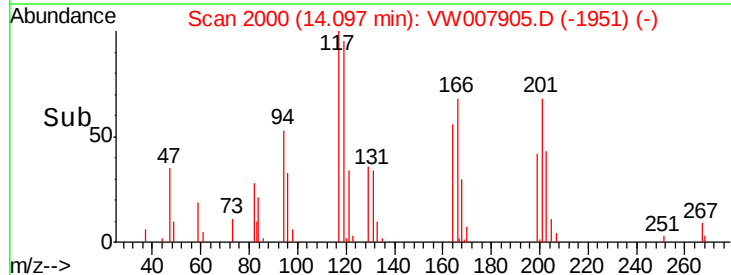
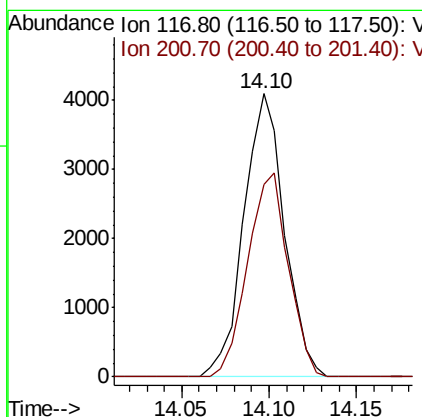
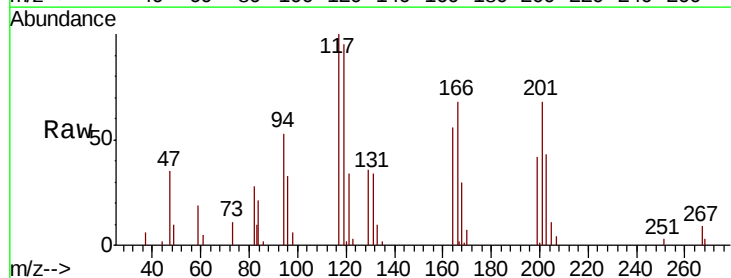
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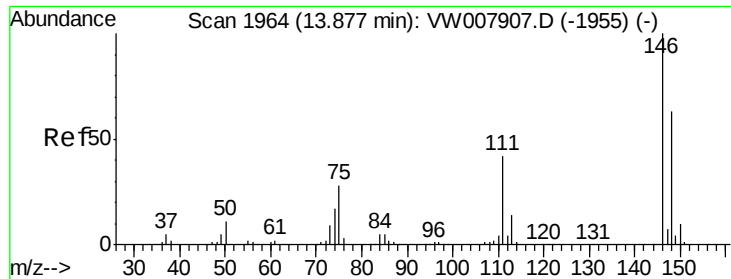
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#90
Hexachloroethane
Concen: 8.814 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.0	105.0





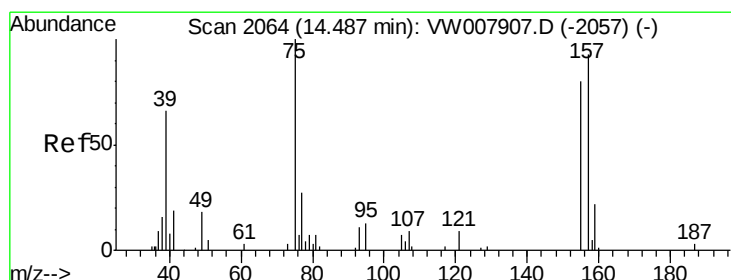
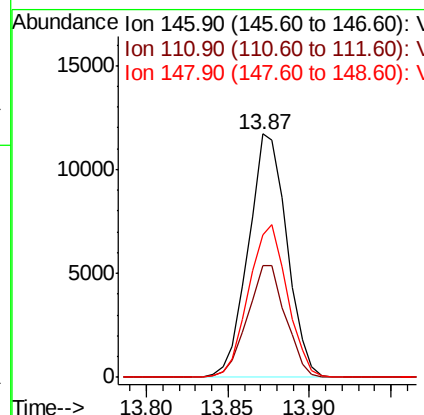
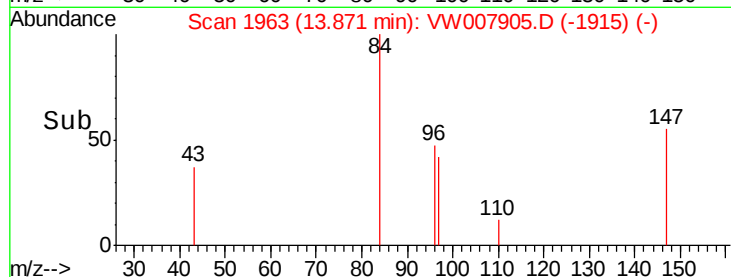
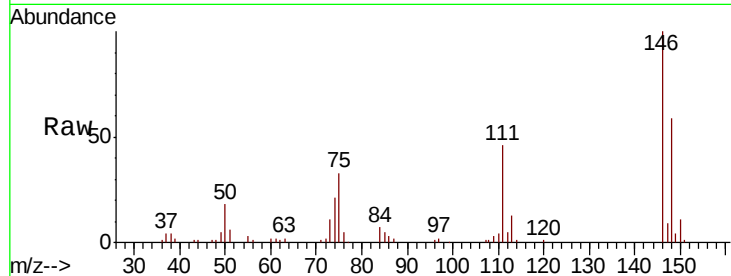
#91
 1,2-Dichlorobenzene
 Concen: 10.361 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.0	66.0
148	63.2	31.6	95.0

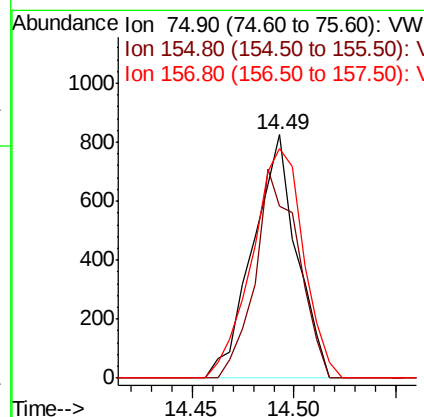
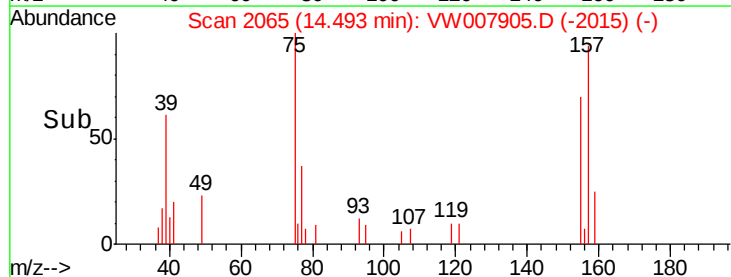
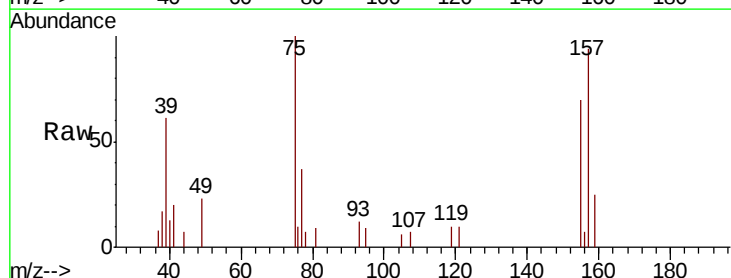
Manual Integrations
 APPROVED

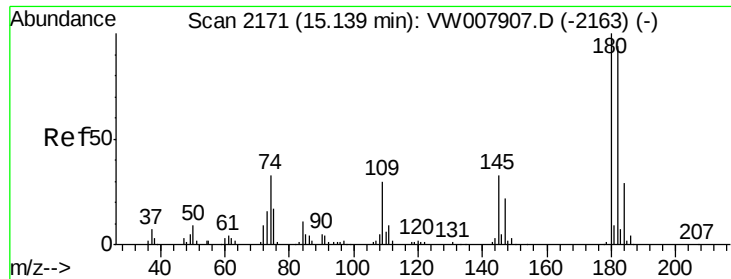
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.732 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	38.8	116.3
157	110.2	48.1	144.3





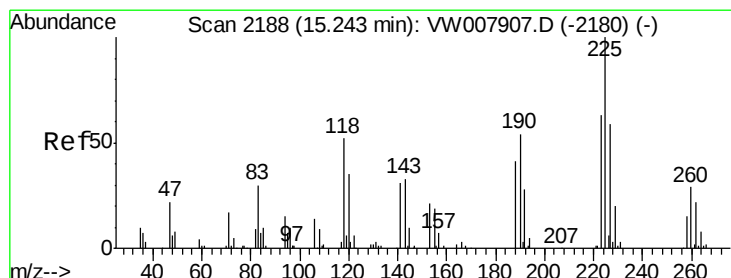
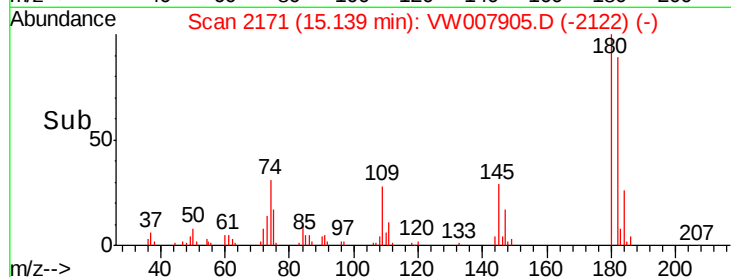
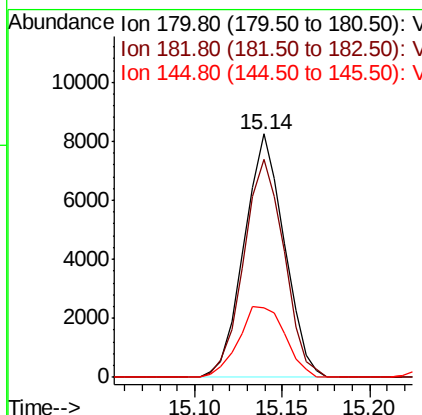
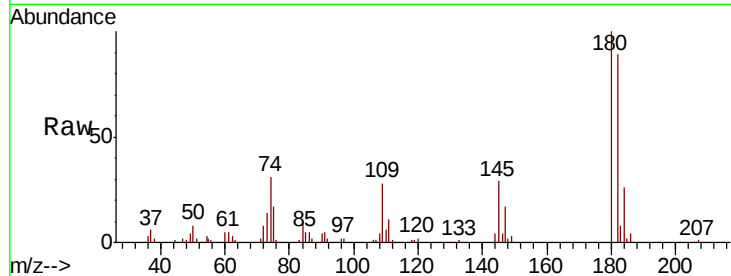
#93
 1,2,4-Trichlorobenzene
 Concen: 10.236 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	13165		
182	90.0	47.6	142.9	
145	33.5	17.2	51.6	

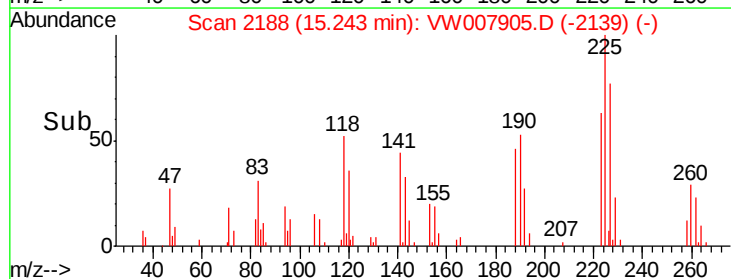
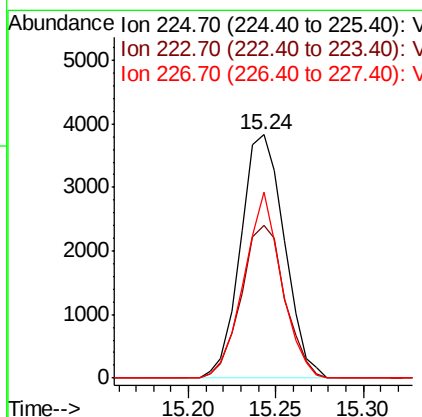
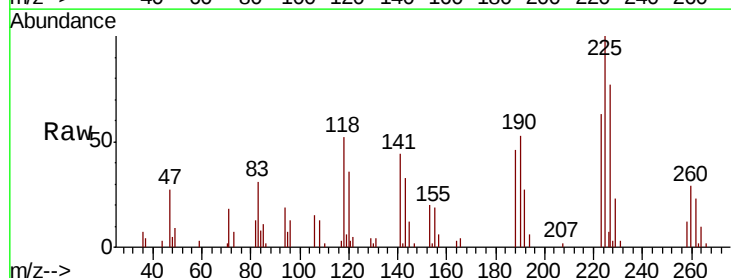
Manual Integrations
 APPROVED

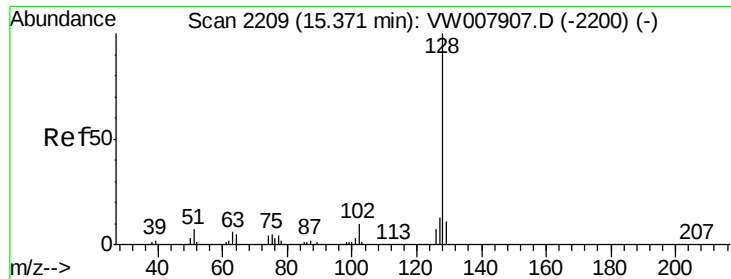
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#94
 Hexachlorobutadiene
 Concen: 9.710 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007905.D
 Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	6661		
223	62.5	31.4	94.0	
227	65.5	30.6	91.6	





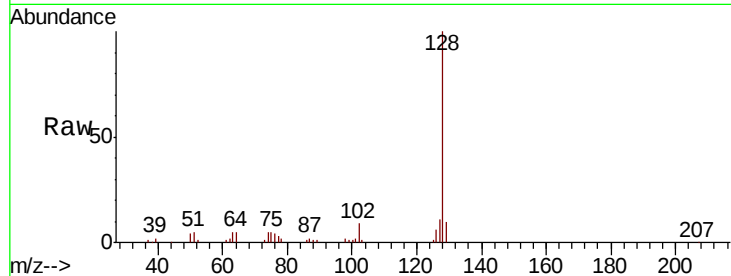
#95
Naphthalene
Concen: 10.351 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.7	16.1
129	10.4	8.4	12.6

Manual Integrations
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apatel
12/27/2018 11:17:08 AM

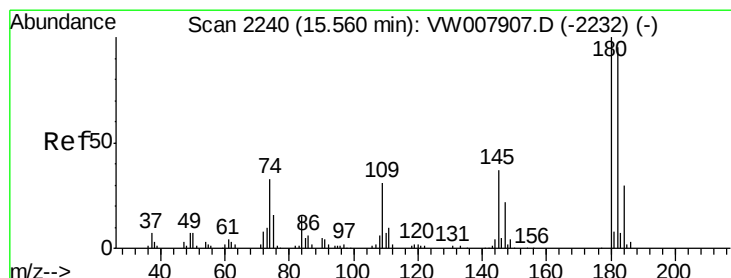
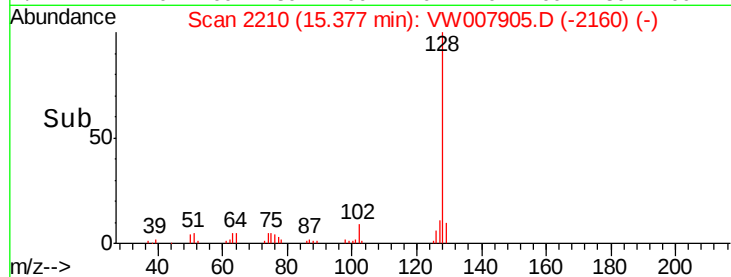
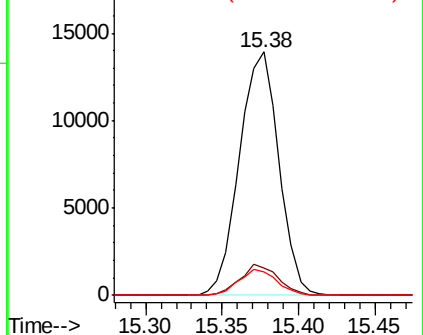


Abundance

Ion 128.00 (127.70 to 128.70): V

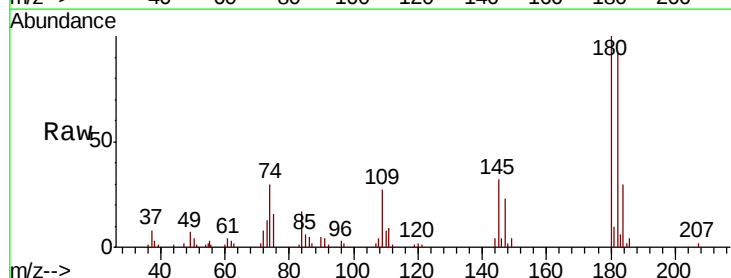
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 10.183 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007905.D
Acq: 24 Dec 2018 23:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	46.6	139.8
145	34.9	18.1	54.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

