

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007702.D
 Acq On : 19 Dec 2018 15:19
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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apatel
 12/20/2018 11:19:42 AM

Quant Time: Dec 20 06:26:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61251	75.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.50%	
35) Dibromofluoromethane	7.88	113	54559	75.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.58%	
50) Toluene-d8	10.32	98	209905	77.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.70%	
62) 4-Bromofluorobenzene	12.62	95	78912	75.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43428	65.777	ug/l	94
3) Chloromethane	2.21	50	28638	70.639	ug/l	95
4) Vinyl Chloride	2.37	62	35498	68.784	ug/l	93
5) Bromomethane	2.78	94	24872	69.194	ug/l	99
6) Chloroethane	2.93	64	19407	70.290	ug/l	96
7) Trichlorofluoromethane	3.26	101	39822	74.117	ug/l	98
8) Diethyl Ether	3.68	74	23452	71.263	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54326	69.535	ug/l	97
10) Methyl Iodide	4.26	142	87472	69.511	ug/l	100
11) Tert butyl alcohol	5.17	59	17847	325.019	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50882	69.441	ug/l	95
13) Acrolein	3.89	56	13957	317.896	ug/l	98
14) Allyl chloride	4.66	41	67403	70.147	ug/l	100
15) Acrylonitrile	5.37	53	49718	354.166	ug/l	99
16) Acetone	4.12	43	51766	339.607	ug/l	95
17) Carbon Disulfide	4.37	76	156868	69.182	ug/l	100
18) Methyl Acetate	4.67	43	26166	72.180	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	74235	70.570	ug/l	99
20) Methylene Chloride	4.91	84	53130	57.831	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	56522	70.138	ug/l	95
22) Diisopropyl ether	6.31	45	127863	71.066	ug/l	95
23) Vinyl Acetate	6.26	43	380878	356.305	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91137	68.855	ug/l	99
25) 2-Butanone	7.17	43	61606	345.056	ug/l	96
26) 2,2-Dichloropropane	7.17	77	66285	68.436	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59962	69.840	ug/l	99
28) Bromochloromethane	7.51	49	32940	72.991	ug/l	98
29) Tetrahydrofuran	7.53	42	38281	359.460	ug/l	100
30) Chloroform	7.68	83	103537	69.121	ug/l	97
31) Cyclohexane	7.95	56	82482	68.069	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	95795	70.219	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79898	70.152	ug/l	99
37) Ethyl Acetate	7.25	43	27104	68.957	ug/l	98
38) Carbon Tetrachloride	8.07	117	95401	71.126	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102080	72.130	ug/l	98
40) Benzene	8.32	78	215035	70.754	ug/l	99
41) Methacrylonitrile	7.49	41	16503	73.952	ug/l	98
42) 1,2-Dichloroethane	8.40	62	71315	70.020	ug/l	100
43) Isopropyl Acetate	8.43	43	56290	71.482	ug/l	98
44) Trichloroethene	9.09	130	63831	69.450	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47625	70.622	ug/l	98
46) Dibromomethane	9.46	93	29712	71.574	ug/l	97
47) Bromodichloromethane	9.65	83	77129	70.675	ug/l	99
48) Methyl methacrylate	9.44	41	28455	72.392	ug/l	100
49) 1,4-Dioxane	9.45	88	9992	1518.178	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	132048	354.817	ug/l	100
52) Toluene	10.39	92	141679	69.481	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77796	71.668	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	84220	70.241	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40245	70.324	ug/l	98
56) Ethyl methacrylate	10.65	69	49574	73.317	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67069	70.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122857	397.964	ug/l	97
59) 2-Hexanone	10.97	43	95080	363.279	ug/l	99
60) Dibromochloromethane	11.13	129	53262	70.291	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40440	69.780	ug/l	99
64) Tetrachloroethene	10.86	164	53035	70.551	ug/l	96
65) Chlorobenzene	11.66	112	159287	69.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58776	71.590	ug/l	99
67) Ethyl Benzene	11.73	91	281035	71.278	ug/l	98
68) m/p-Xylenes	11.84	106	217622	142.285	ug/l	100
69) o-Xylene	12.17	106	101978	71.130	ug/l	100
70) Styrene	12.18	104	169508	71.926	ug/l	100
71) Bromoform	12.35	173	30946	72.609	ug/l #	100
73) Isopropylbenzene	12.47	105	293629	72.749	ug/l	100
74) N-amyl acetate	12.27	43	51586	73.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43495	71.873	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33260m	41.146	ug/l	
77) Bromobenzene	12.75	156	65001	70.271	ug/l	98
78) n-propylbenzene	12.81	91	339030	72.158	ug/l	99
79) 2-Chlorotoluene	12.90	91	195776	71.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	254830	73.195	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14362	73.046	ug/l	96
82) 4-Chlorotoluene	12.99	91	208379	71.502	ug/l	99
83) tert-Butylbenzene	13.21	119	223755	73.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	253788	72.241	ug/l	100
85) sec-Butylbenzene	13.39	105	307298	72.992	ug/l	99
86) p-Isopropyltoluene	13.51	119	275359	71.928	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	128557	69.998	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	128680	70.045	ug/l	99
89) n-Butylbenzene	13.83	91	255448	72.777	ug/l	100
90) Hexachloroethane	14.10	117	47709	70.986	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	116603	70.911	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9198	74.011	ug/l	99

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VSTDICC075

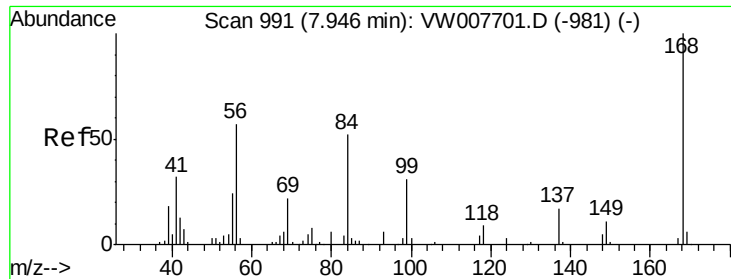
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81579	71.471	ug/l	99
94) Hexachlorobutadiene	15.24	225	43108	70.669	ug/l	99
95) Naphthalene	15.37	128	155392	73.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69976	71.619	ug/l	100

(#) = 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. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 74267

Ion Ratio Lower Upper

168 100

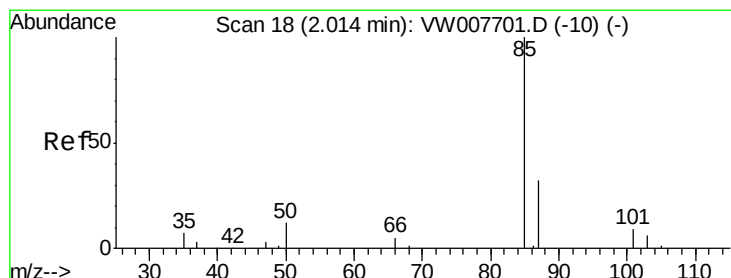
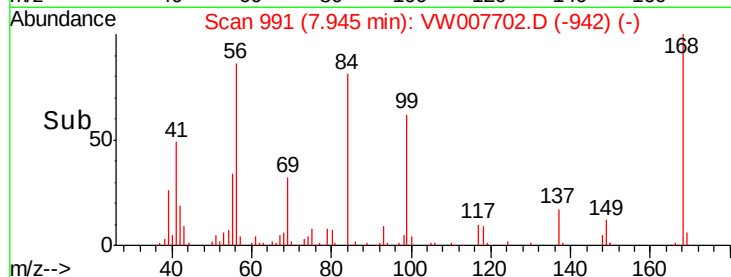
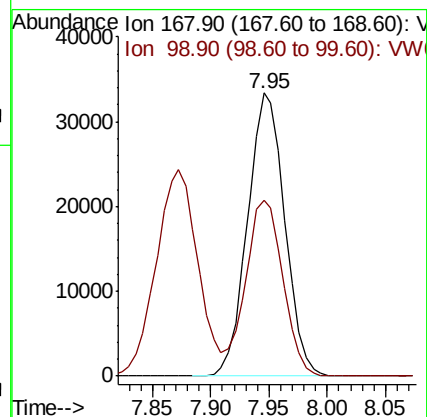
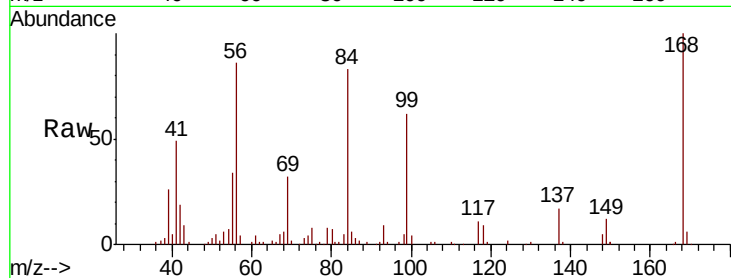
99 61.9 54.0 81.0

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#2

Dichlorodifluoromethane

Concen: 65.777 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007702.D

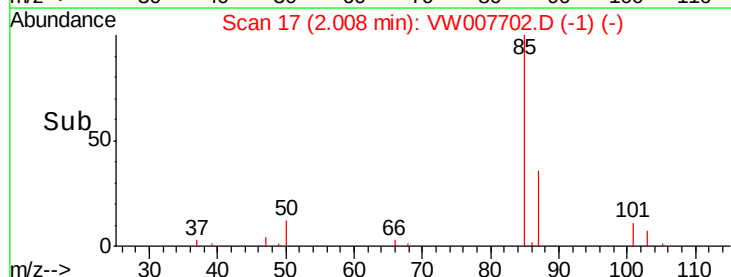
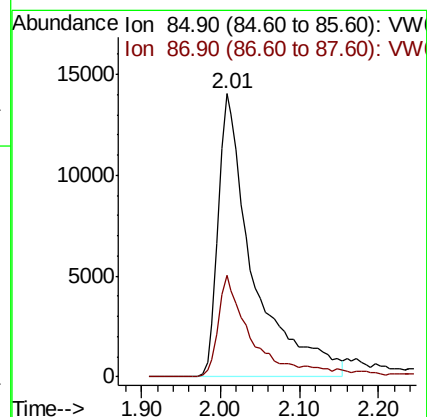
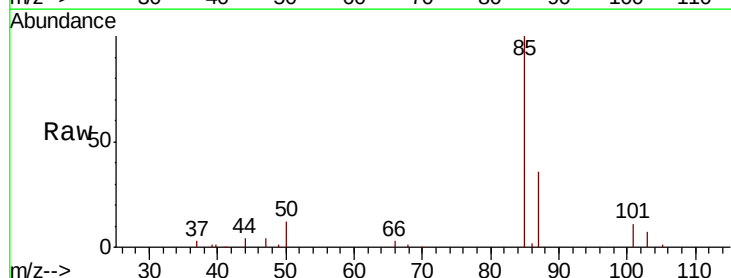
Acq: 19 Dec 2018 15:19

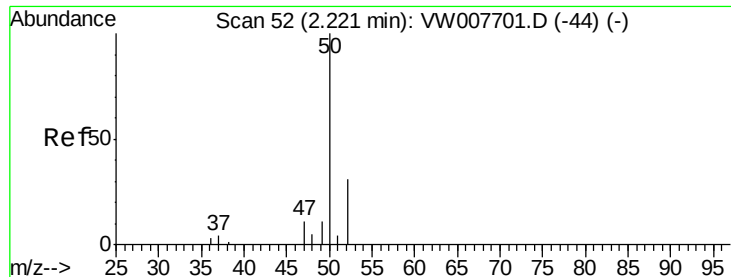
Tgt Ion: 85 Resp: 43428

Ion Ratio Lower Upper

85 100

87 35.8 16.3 48.8





#3

Chloromethane

Concen: 70.639 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 28638

Ion Ratio Lower Upper

50 100

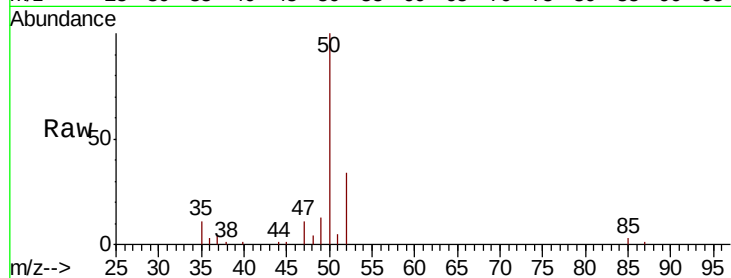
52 34.1 25.1 37.7

Manual Integrations

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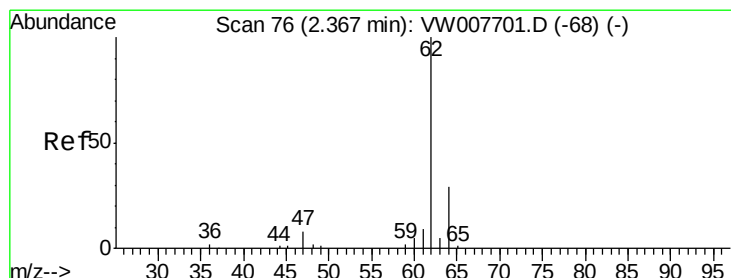
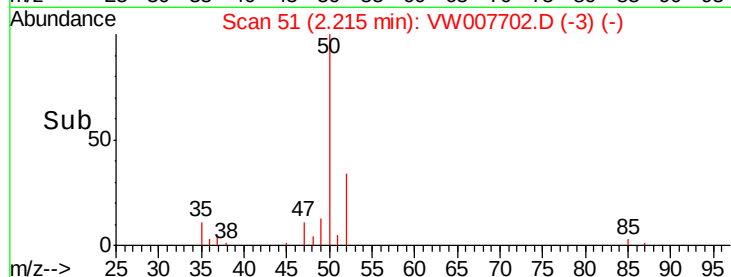
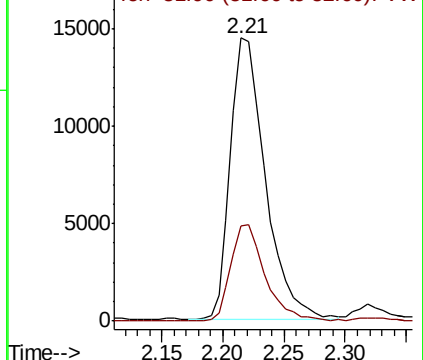
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 68.784 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007702.D

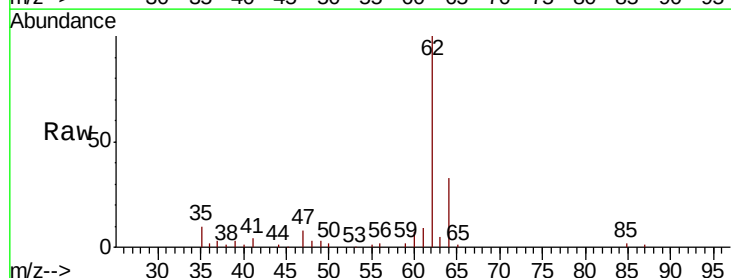
Acq: 19 Dec 2018 15:19

Tgt Ion: 62 Resp: 35498

Ion Ratio Lower Upper

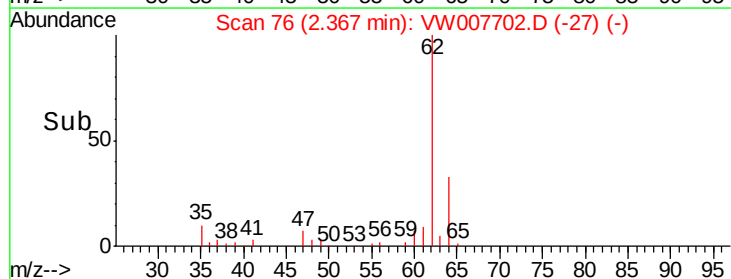
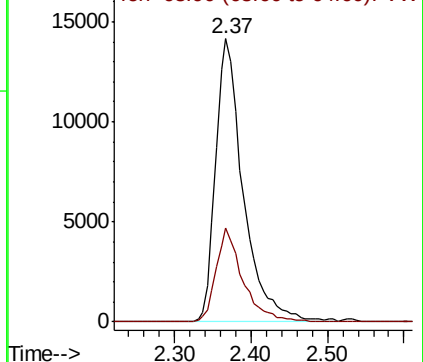
62 100

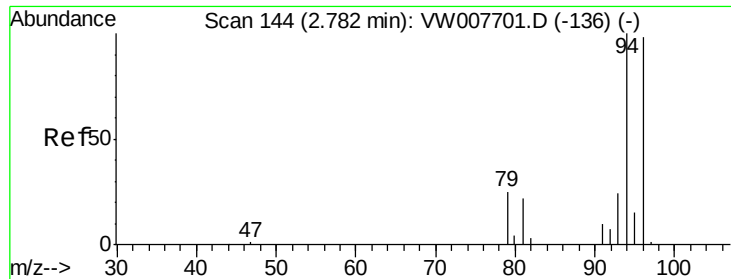
64 33.1 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





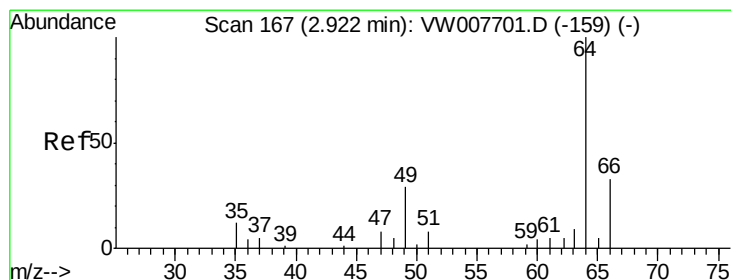
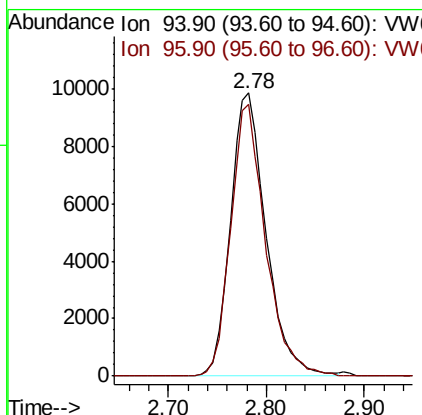
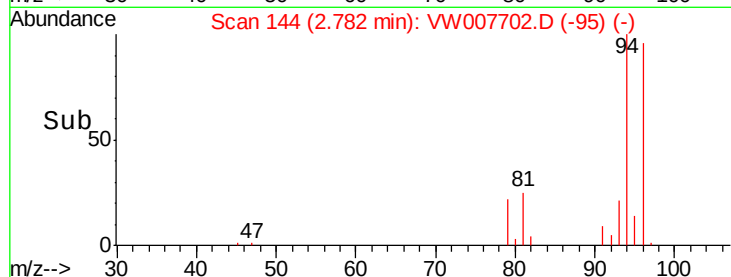
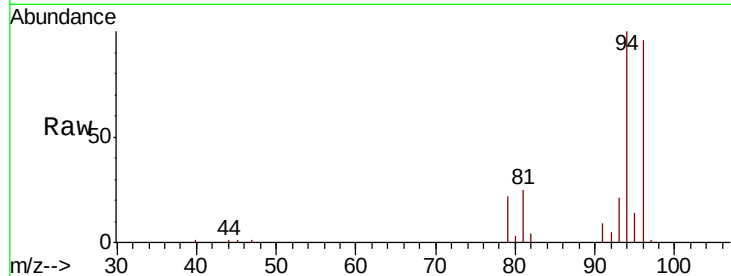
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Bromomethane
Concen: 69.194 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 94 Resp: 24872
Ion Ratio Lower Upper
94 100
96 96.2 78.2 117.2

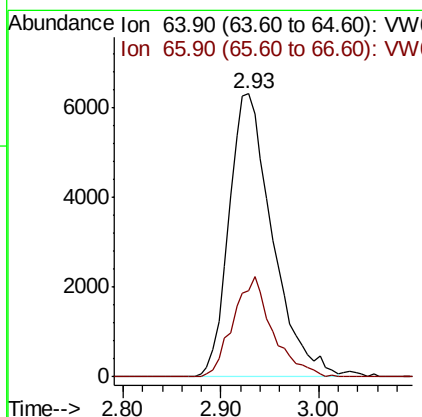
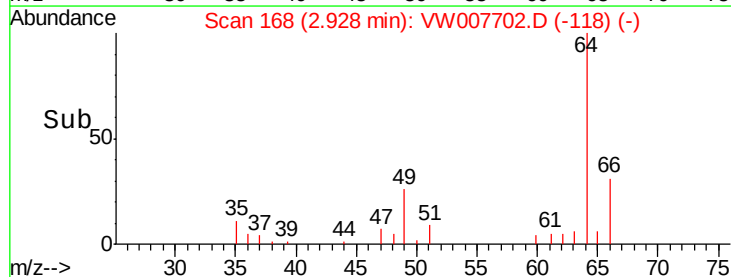
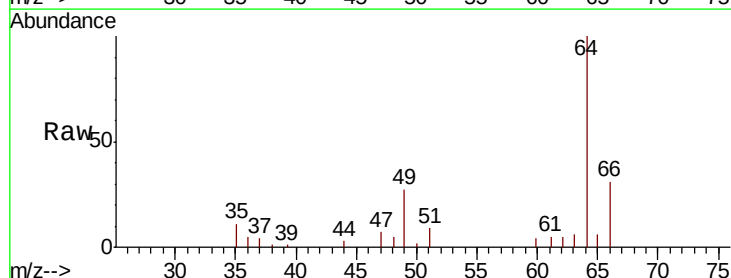
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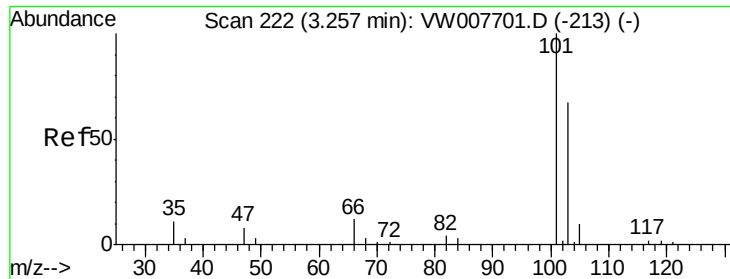
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#6
Chloroethane
Concen: 70.290 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion: 64 Resp: 19407
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7

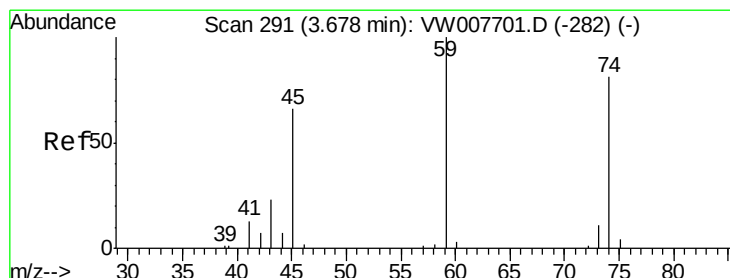
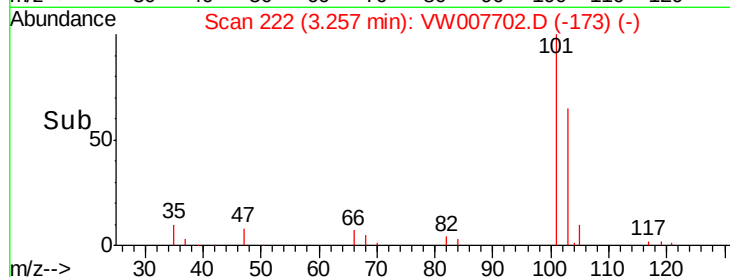
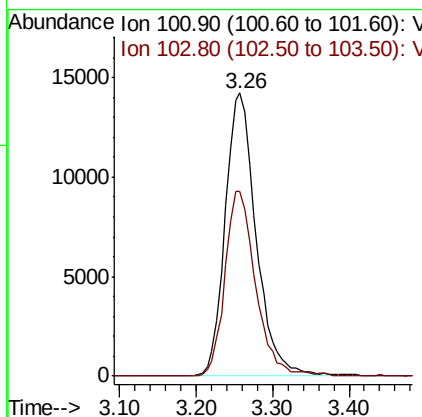
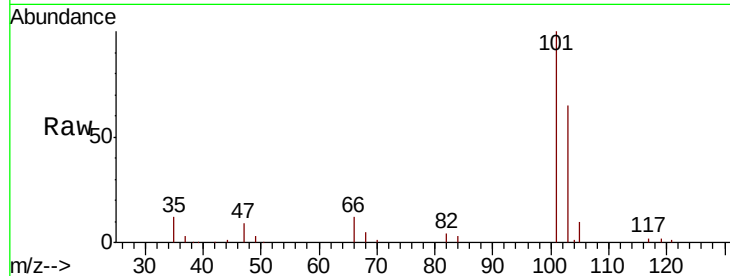
Trichlorofluoromethane
 Concen: 74.117 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
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 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.4	80.2

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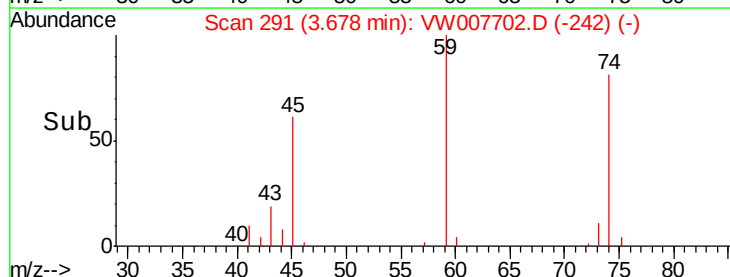
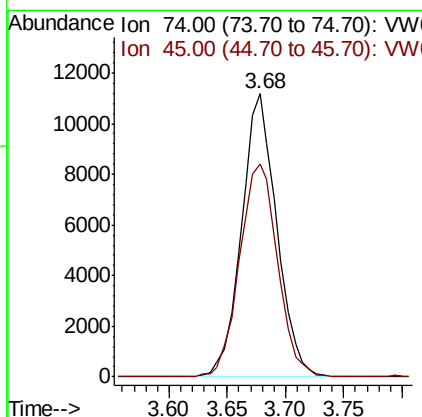
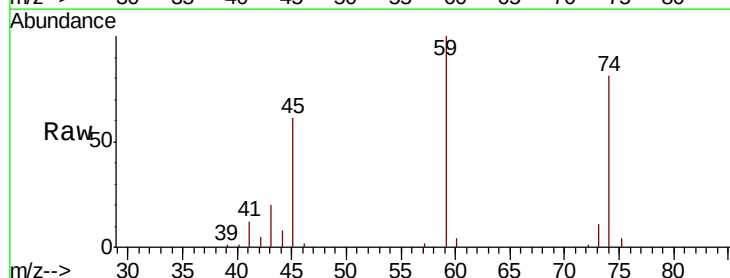
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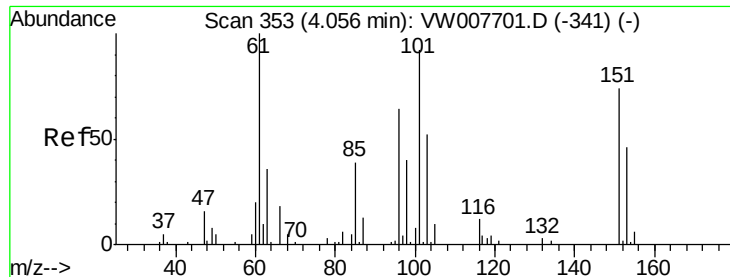


#8

Diethyl Ether
 Concen: 71.263 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.2	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.535 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

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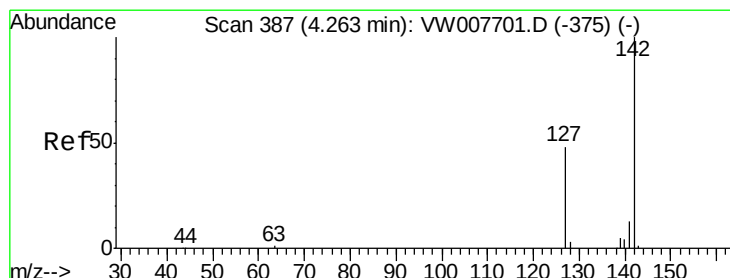
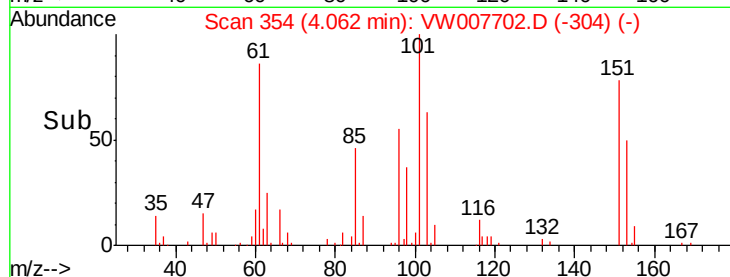
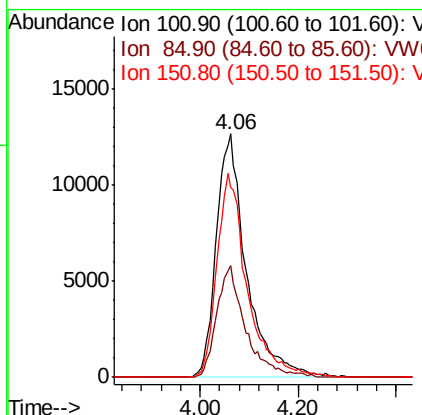
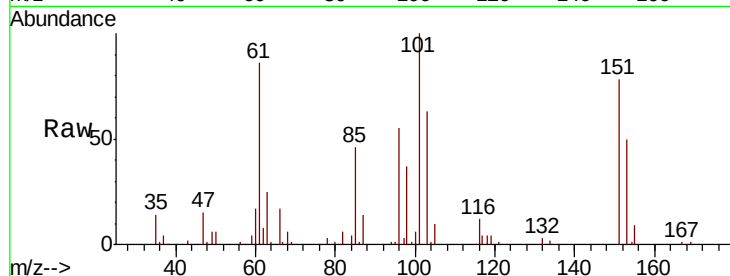
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	54326
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.3	51.5
151	83.5	64.6	96.8

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#10

Methyl Iodide

Concen: 69.511 ug/l

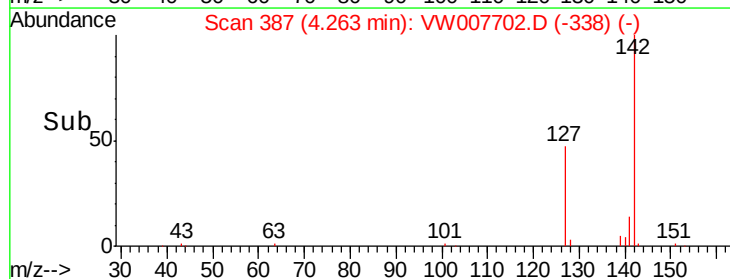
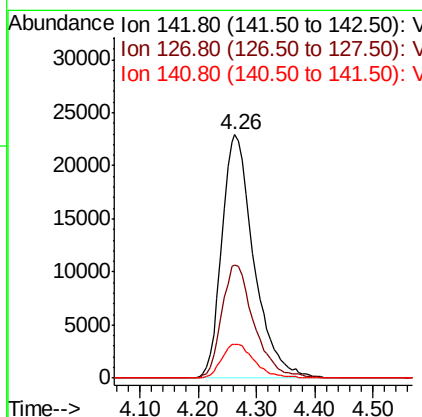
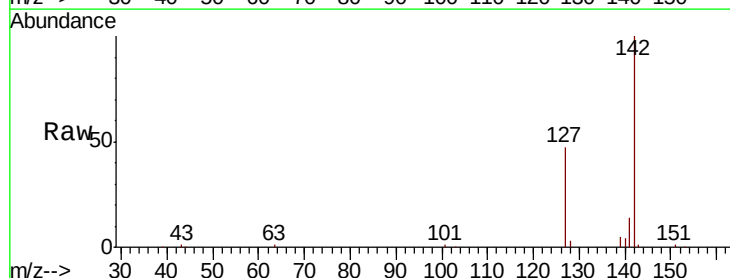
RT: 4.26 min Scan# 387

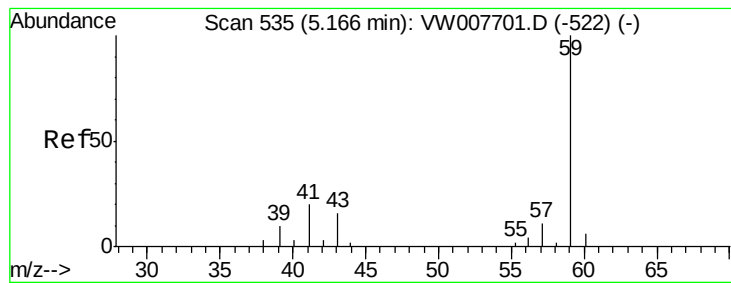
Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	142	Resp:	87472
Ion Ratio	Lower	Upper	
142	100		
127	47.0	37.7	56.5
141	14.4	11.5	17.3





#11

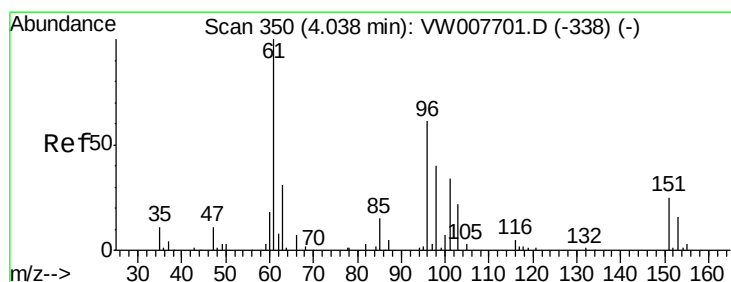
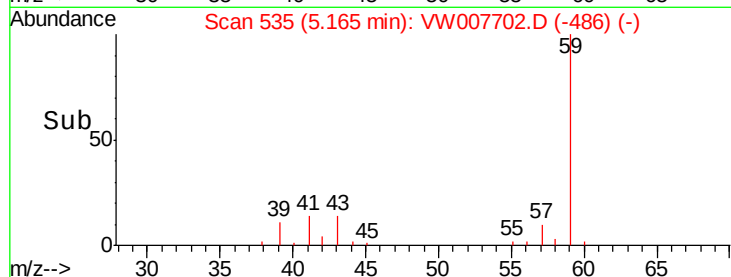
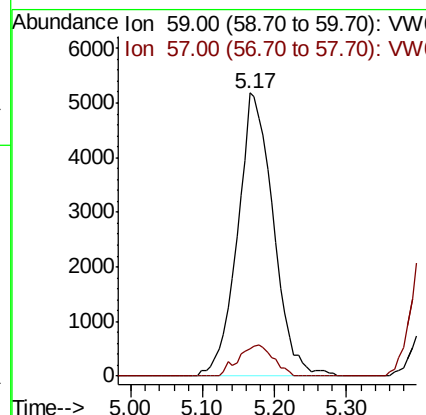
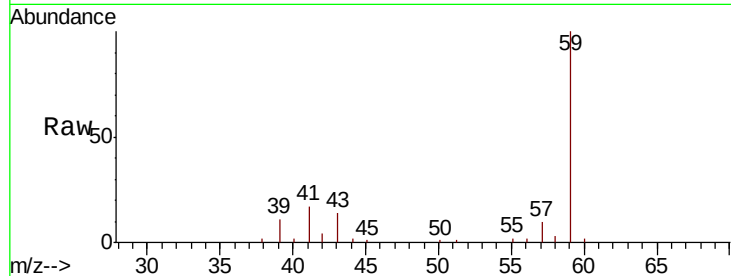
Tert butyl alcohol
 Concen: 325.019 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8

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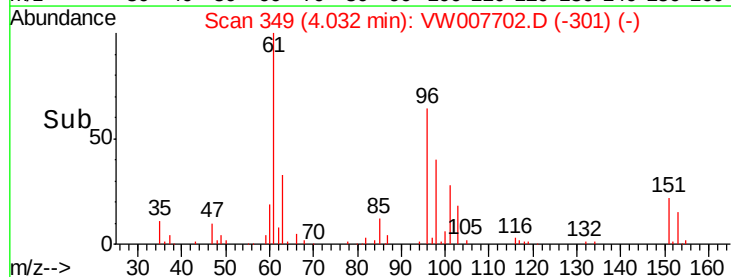
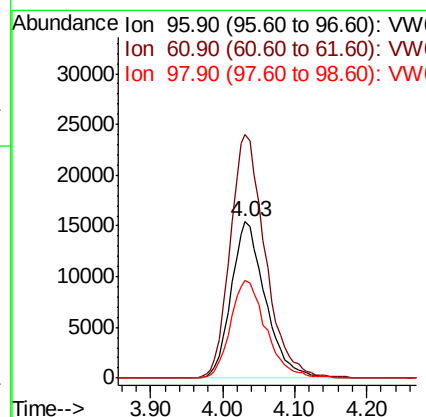
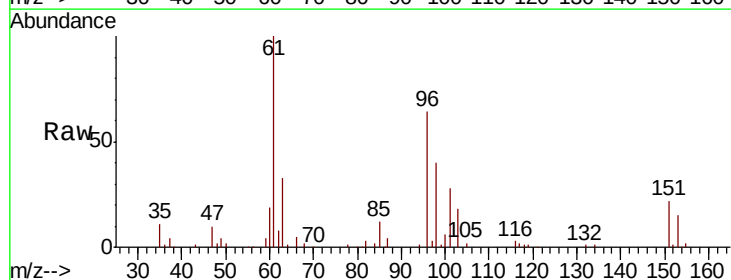
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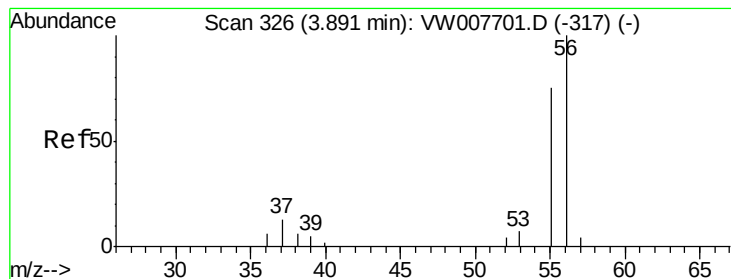


#12

1,1-Dichloroethene
 Concen: 69.441 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	130.6	195.8
98	62.4	52.3	78.5





#13

Acrolein

Concen: 317.896 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 13957

Ion Ratio Lower Upper

56 100

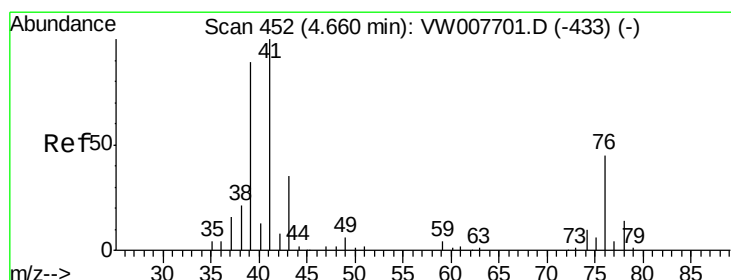
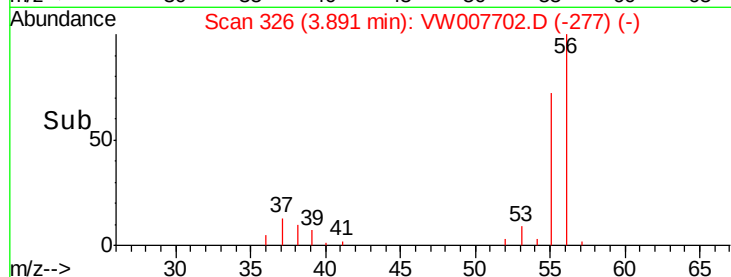
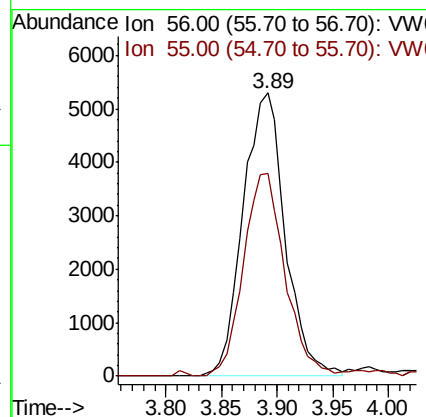
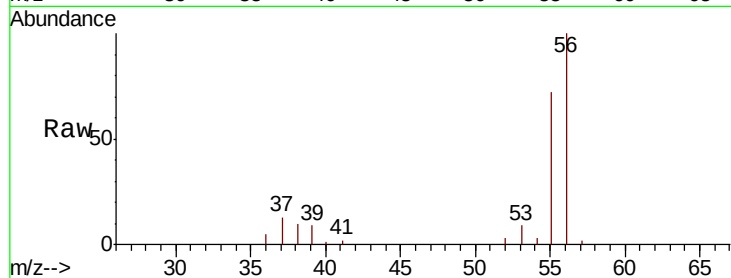
55 70.5 57.7 86.5

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#14

Allyl chloride

Concen: 70.147 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

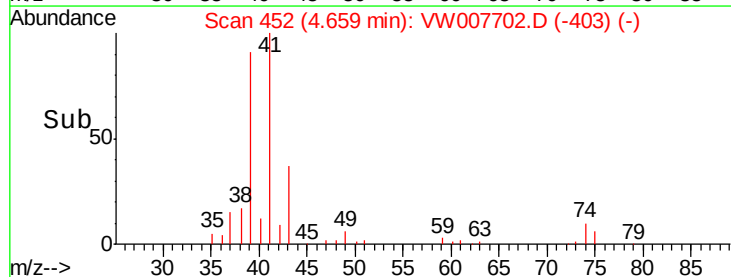
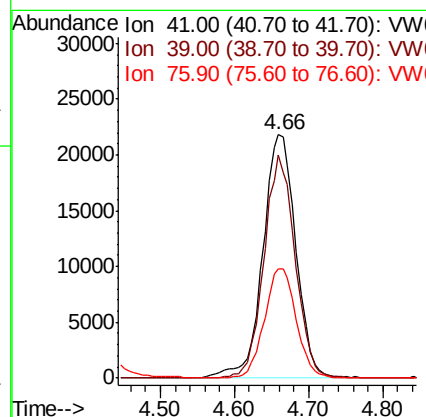
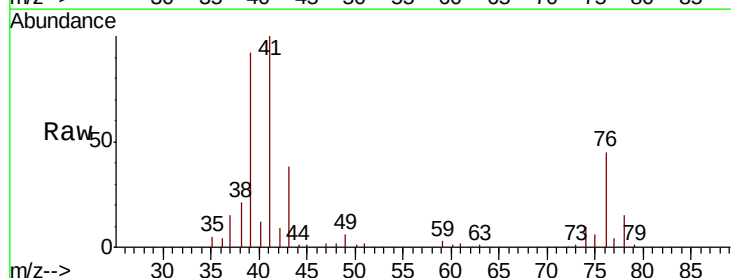
Tgt Ion: 41 Resp: 67403

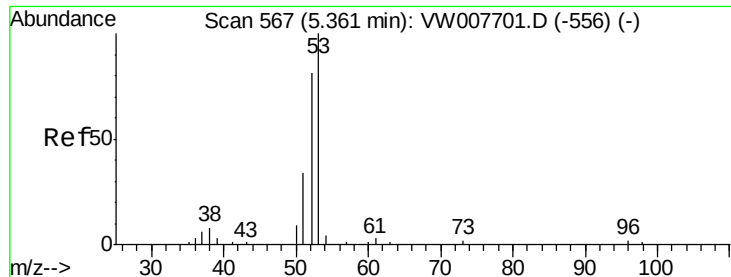
Ion Ratio Lower Upper

41 100

39 86.6 69.5 104.3

76 43.3 34.8 52.2





#15

Acrylonitrile

Concen: 354.166 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

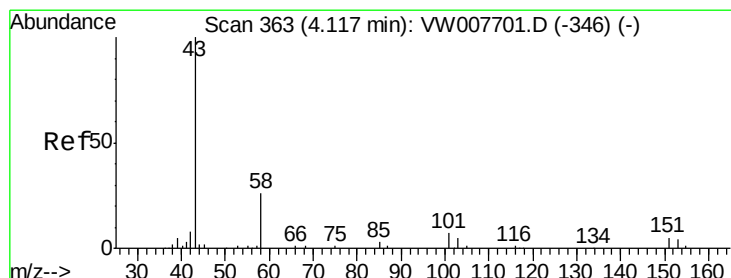
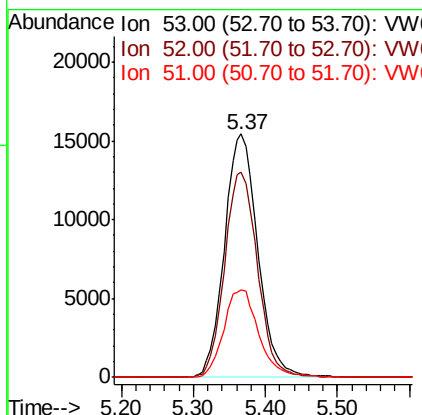
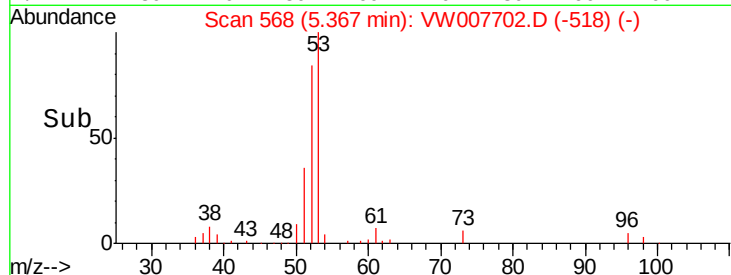
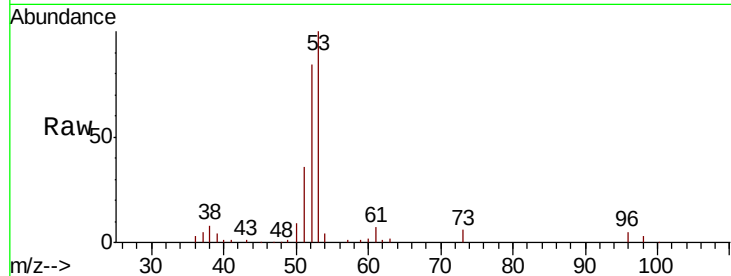
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	49718
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.0	100.4
51	37.7	30.2	45.2

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#16

Acetone

Concen: 339.607 ug/l

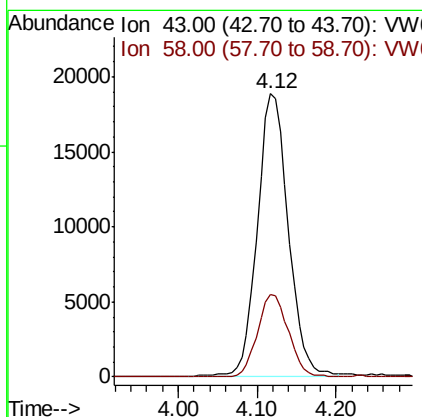
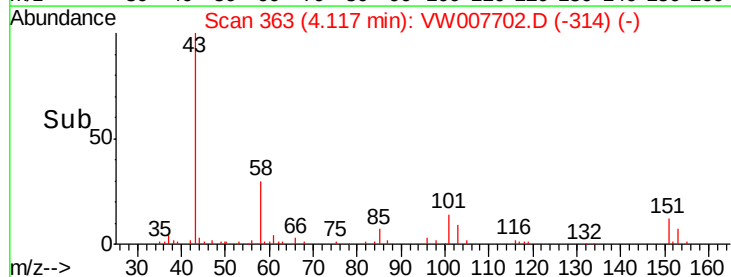
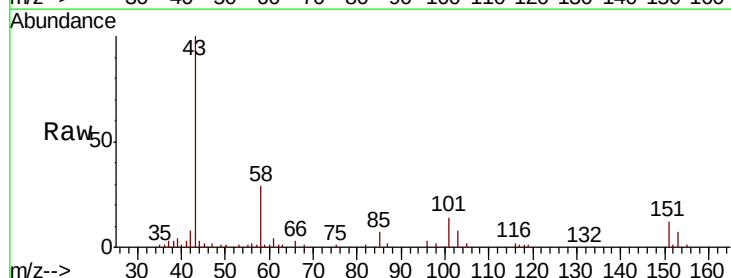
RT: 4.12 min Scan# 363

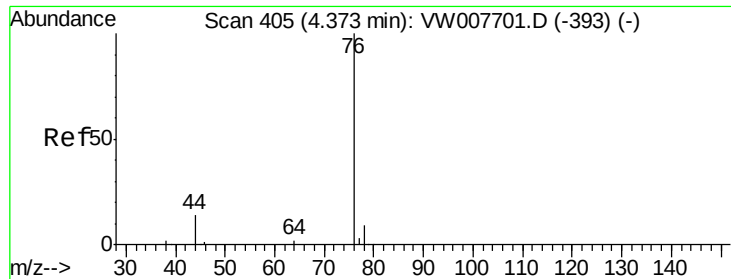
Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	43	Resp:	51766
Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.2	31.8





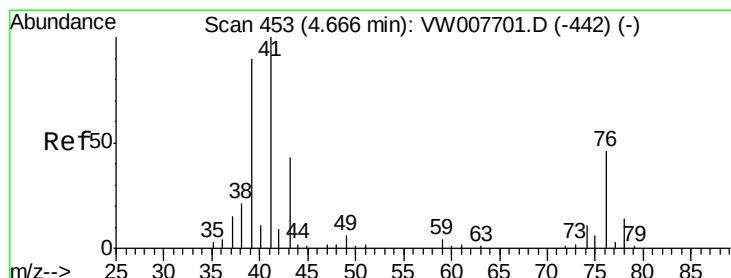
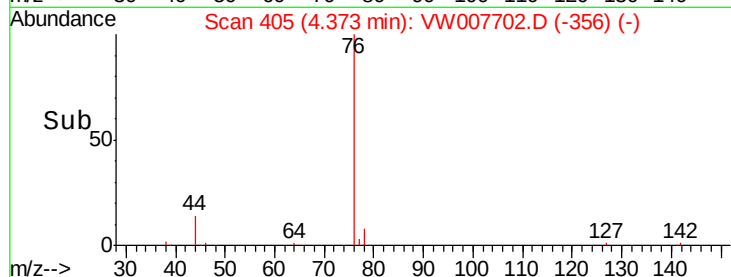
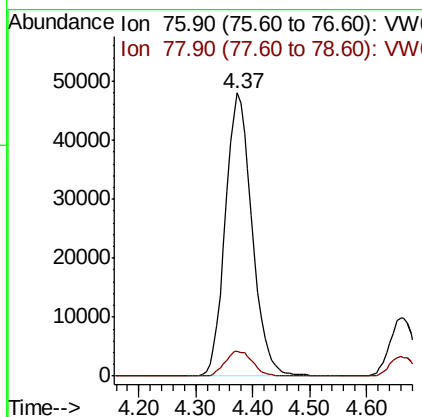
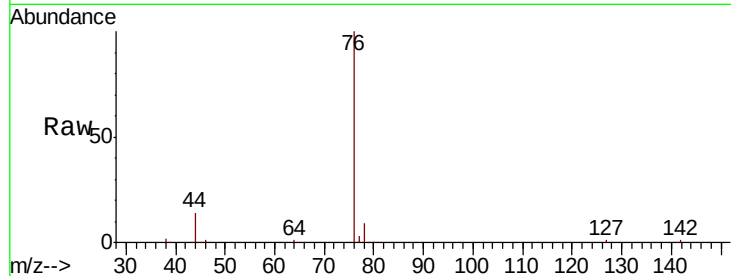
#17
Carbon Disulfide
Concen: 69.182 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

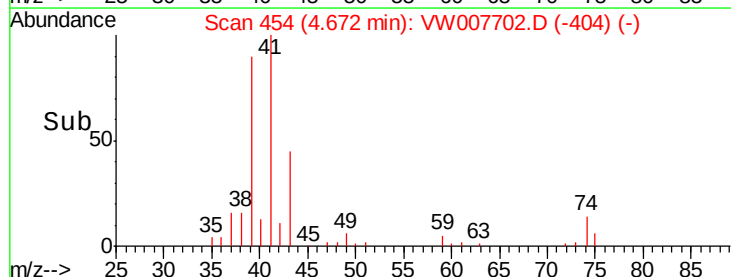
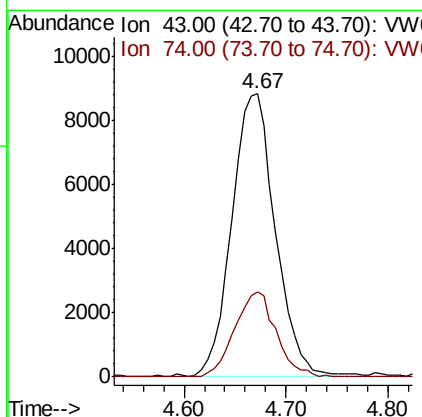
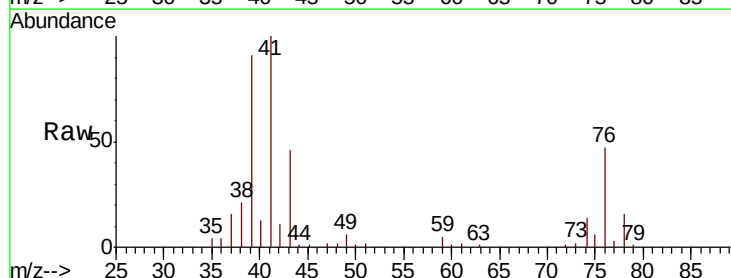
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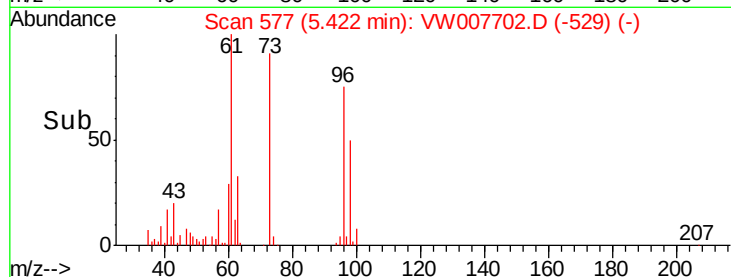
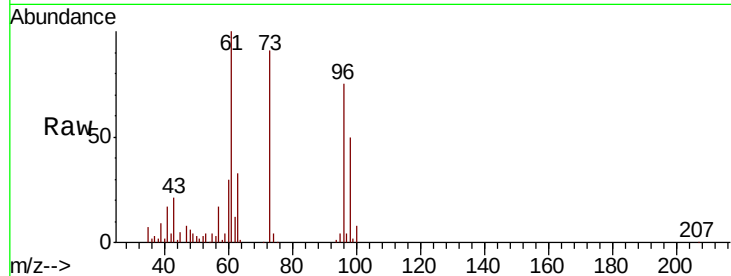
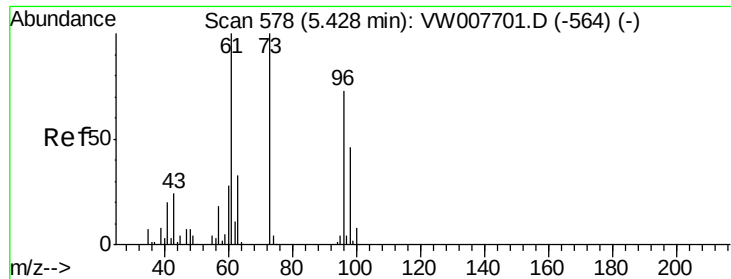
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#18
Methyl Acetate
Concen: 72.180 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.6	22.7	34.1





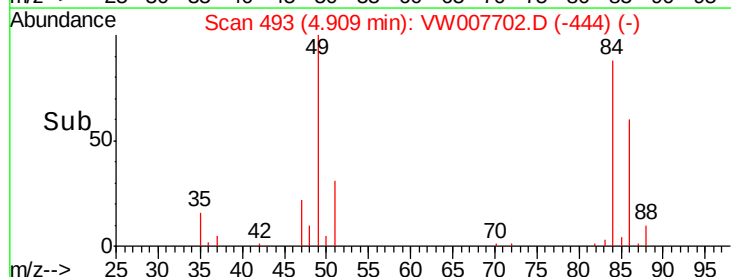
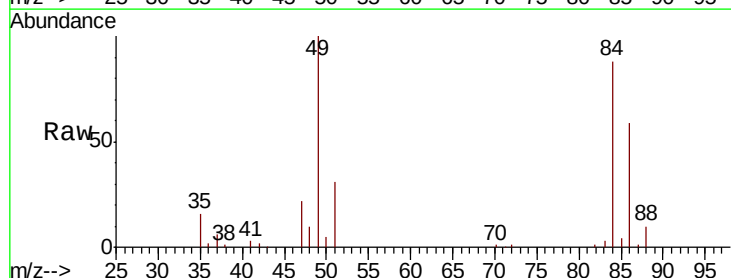
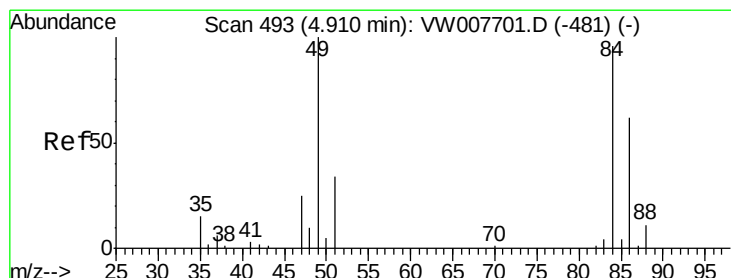
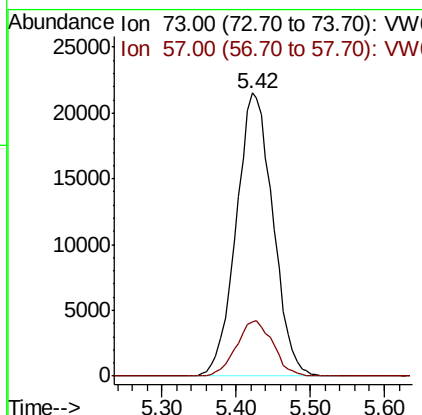
#19
Methyl tert-butyl Ether
Concen: 70.570 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tot Ion: 73 Resp: 74235
Ion Ratio Lower Upper
73 100
57 19.1 14.7 22.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

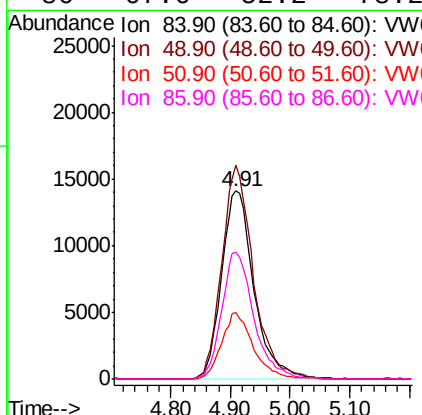
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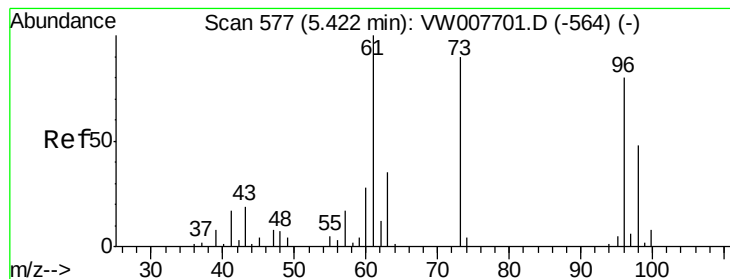
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#20
Methylene Chloride
Concen: 57.831 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion: 84 Resp: 53130
Ion Ratio Lower Upper
84 100
49 113.8 83.7 125.5
51 35.4 28.2 42.2
86 67.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 70.138 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

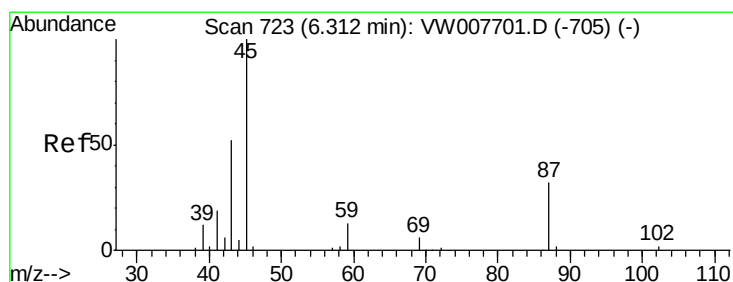
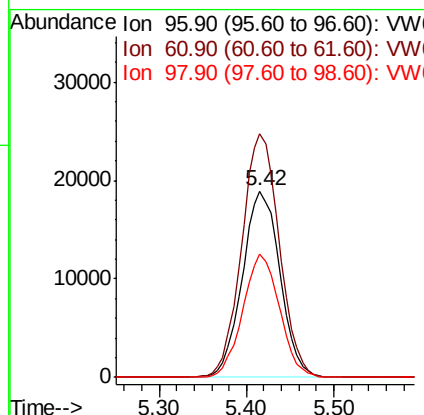
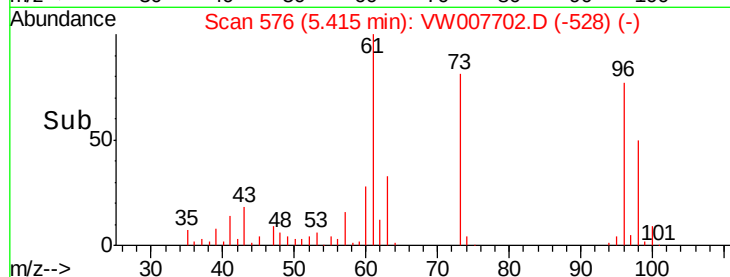
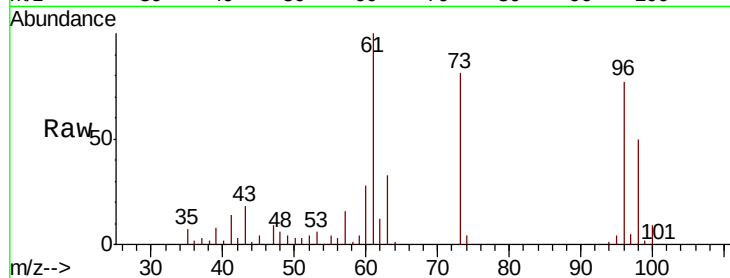
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	56522
Ion	Ratio	Lower	Upper
96	100		
61	130.6	100.1	150.1
98	65.8	48.5	72.7

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#22

Diisopropyl ether

Concen: 71.066 ug/l

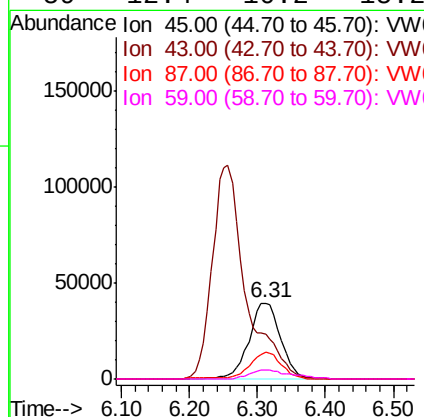
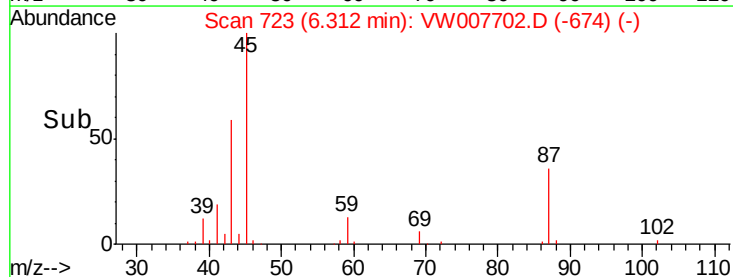
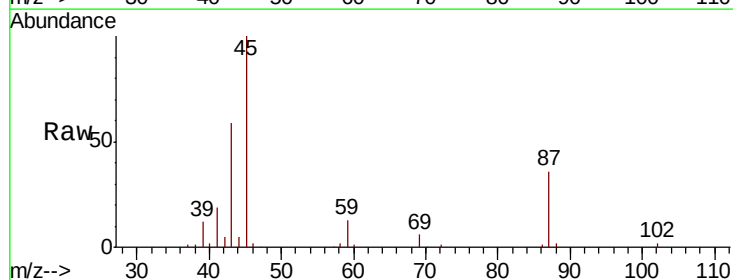
RT: 6.31 min Scan# 723

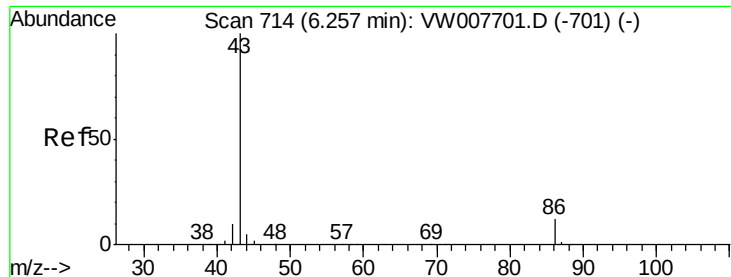
Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	45	Resp:	127863
Ion	Ratio	Lower	Upper
45	100		
43	58.3	43.7	65.5
87	36.1	26.6	40.0
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 356.305 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 380878

Ion Ratio Lower Upper

43 100

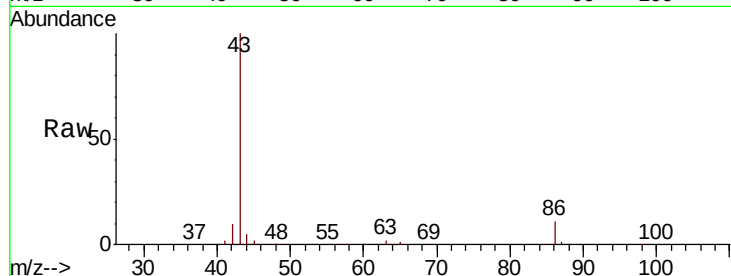
86 11.4 9.6 14.4

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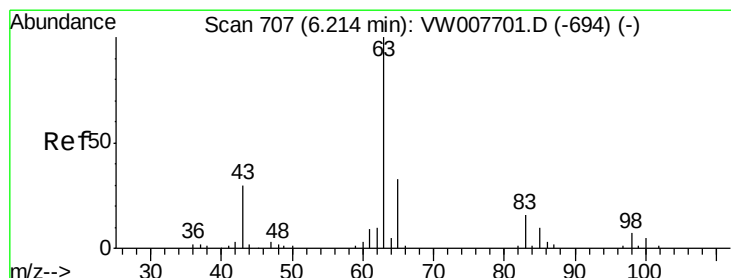
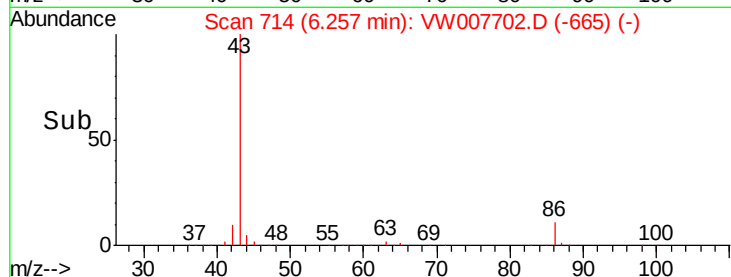
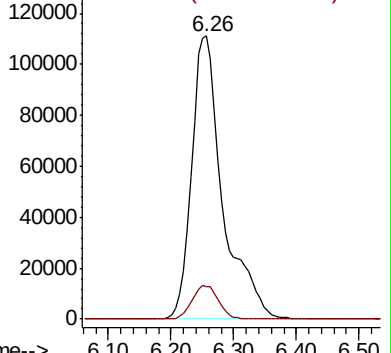
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 68.855 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

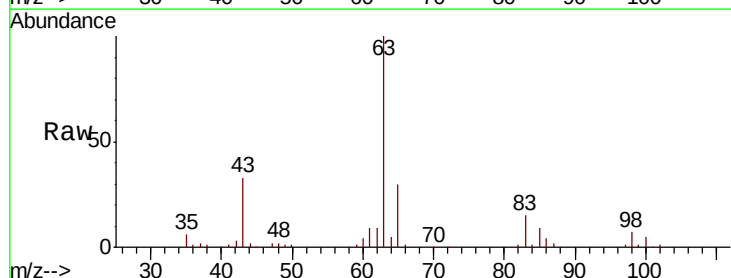
Tgt Ion: 63 Resp: 91137

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

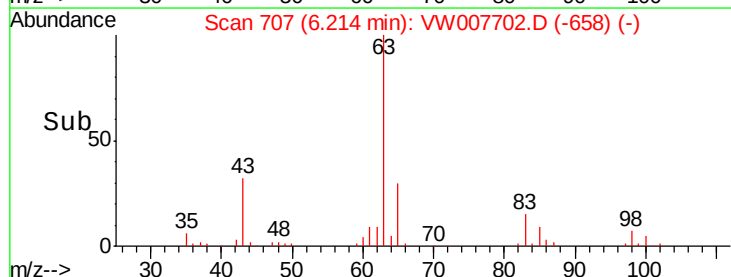
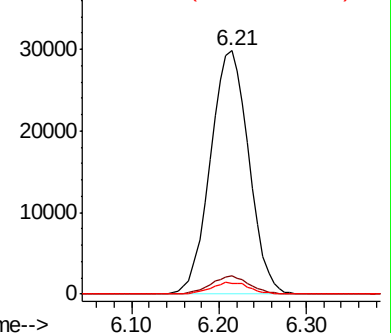
100 4.6 2.5 7.5

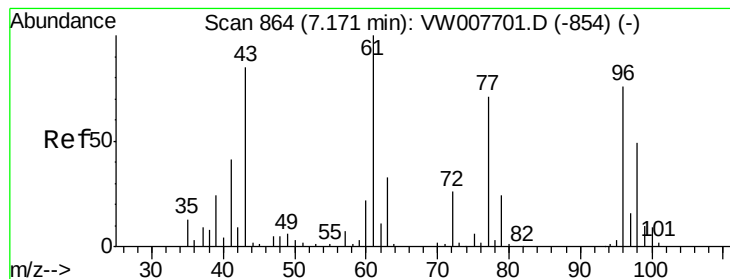


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 345.056 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 61606

Ion Ratio Lower Upper

43 100

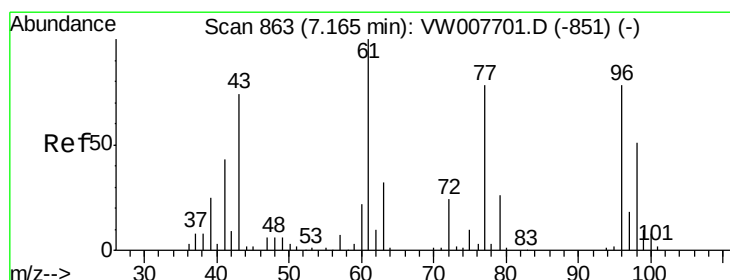
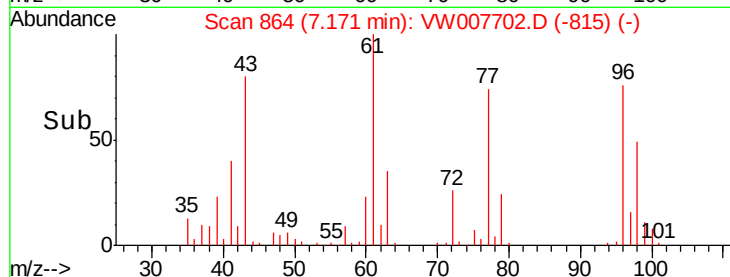
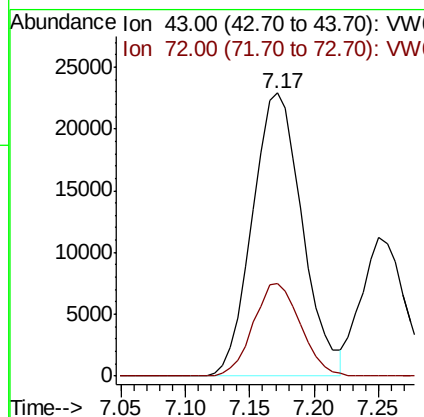
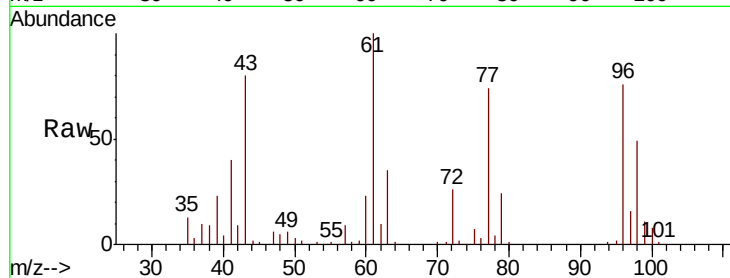
72 32.9 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 68.436 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007702.D

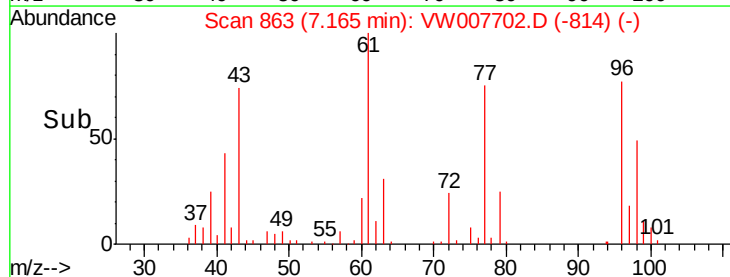
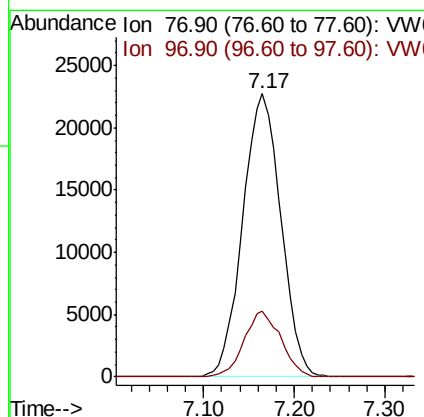
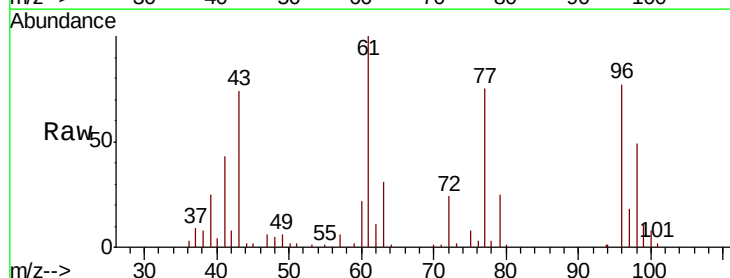
Acq: 19 Dec 2018 15:19

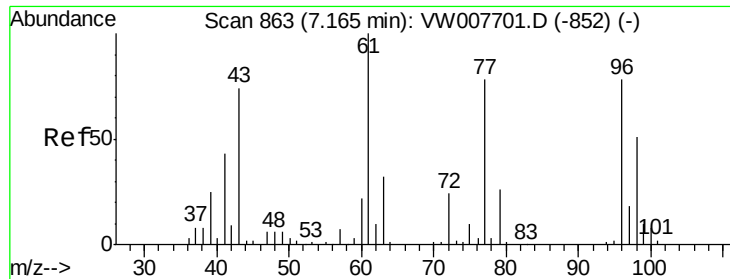
Tgt Ion: 77 Resp: 66285

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

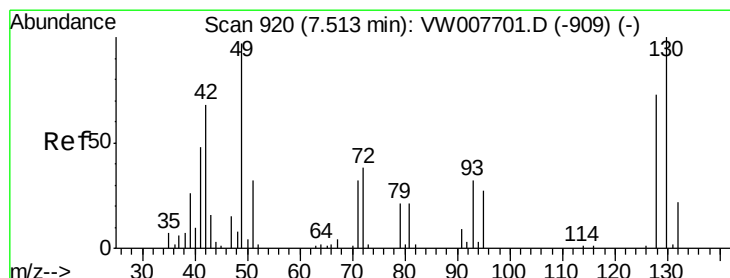
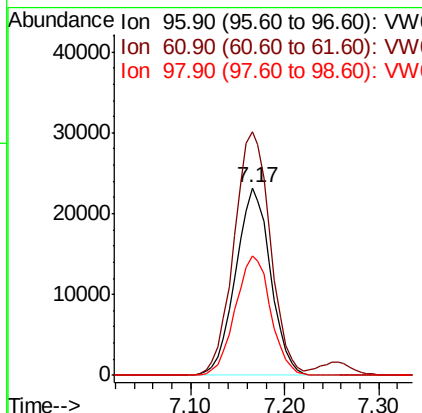
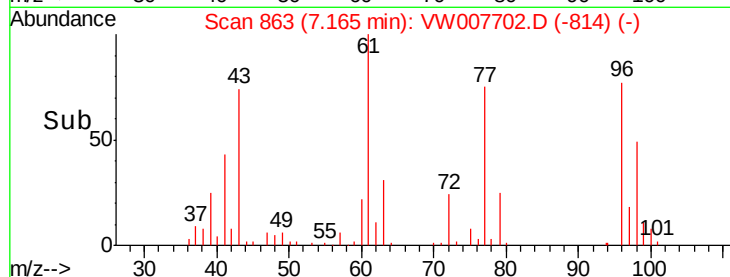
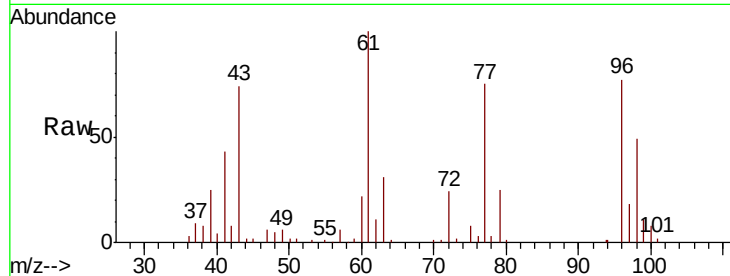
cis-1,2-Dichloroethene
Concen: 69.840 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	271.6
98	64.5	0.0	131.2

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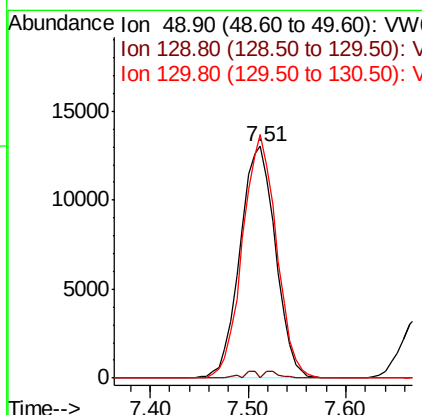
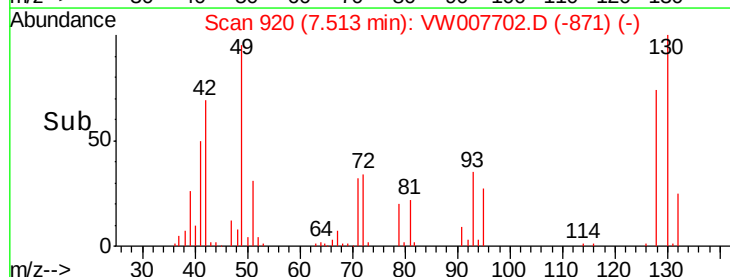
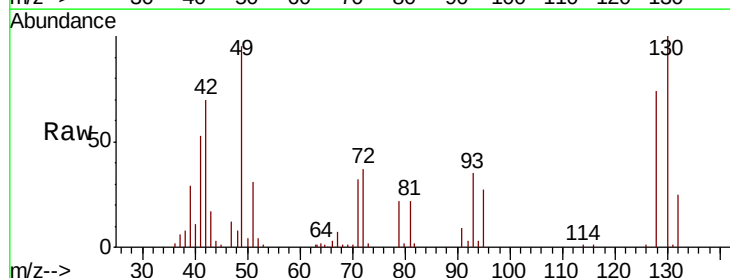
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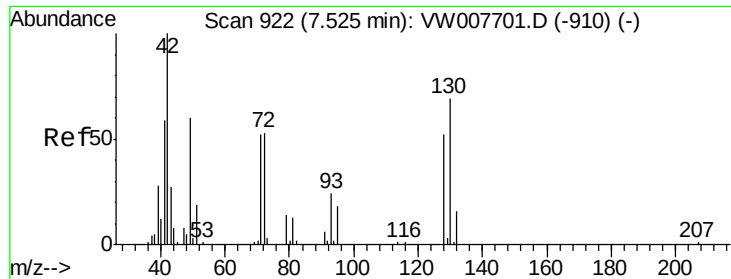


#28

Bromochloromethane
Concen: 72.991 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	99.9	81.5	122.3





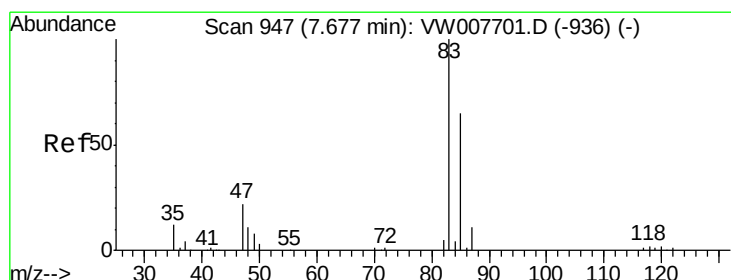
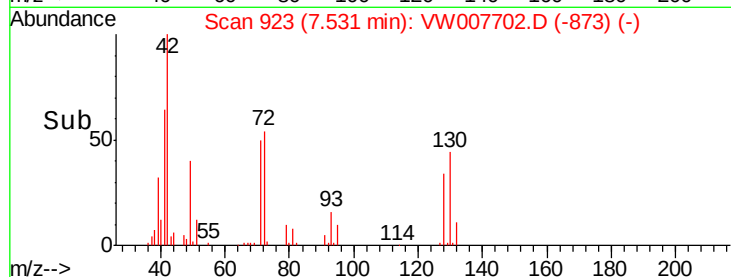
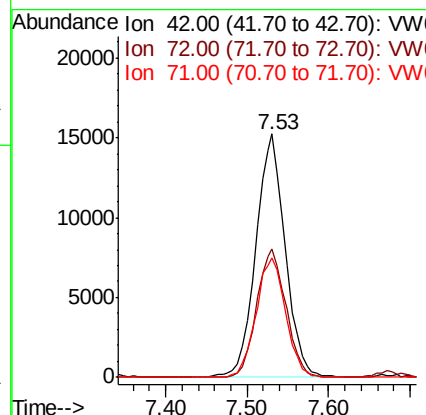
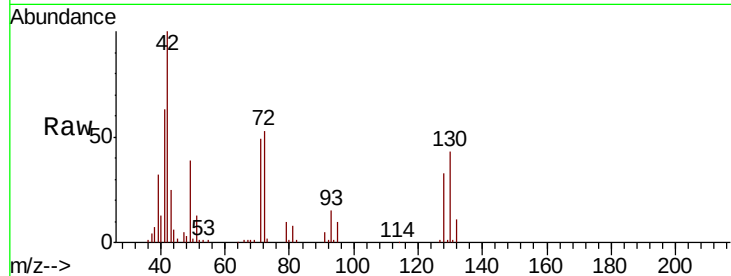
#29
Tetrahydrofuran
Concen: 359.460 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	41.7	62.5
71	49.1	39.0	58.6

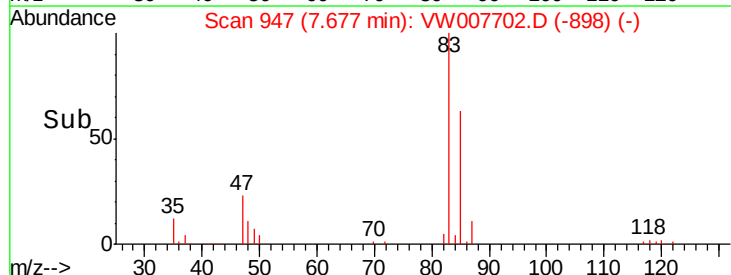
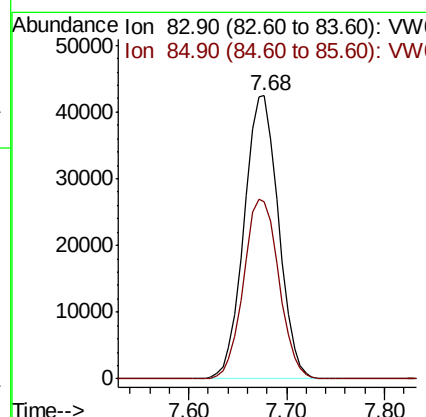
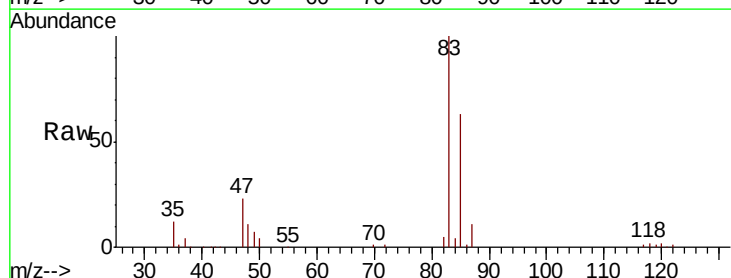
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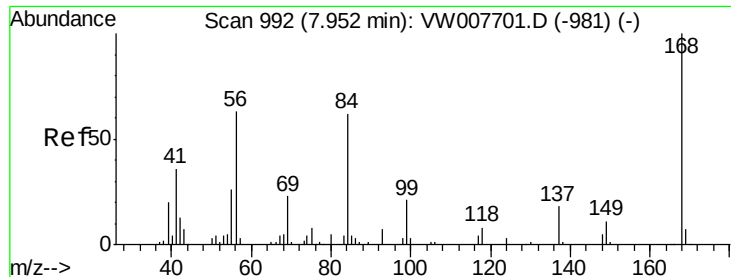
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#30
Chloroform
Concen: 69.121 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.2	78.2





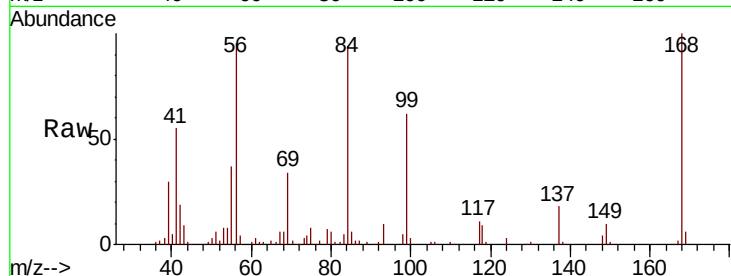
#31
Cyclohexane
Concen: 68.069 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	29.7	44.5
84	97.0	78.9	118.3

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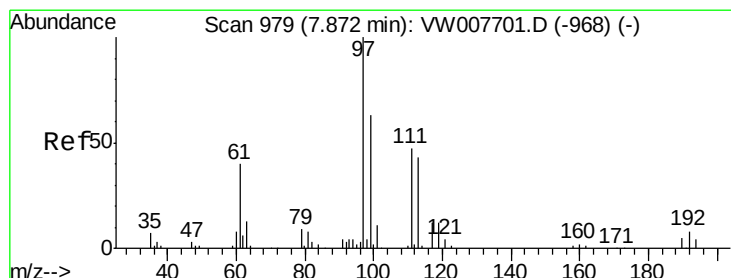
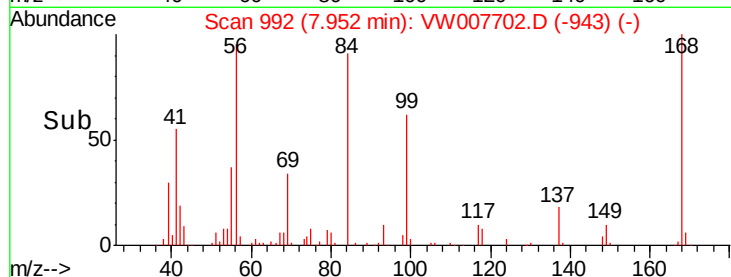
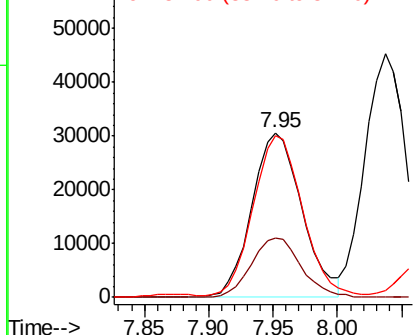


Abundance

Ion 56.00 (55.70 to 56.70): VW

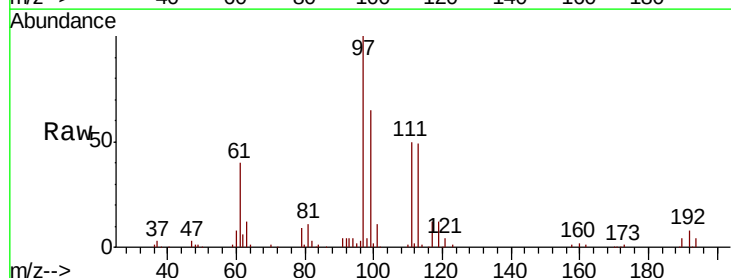
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 70.219 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	40.1	32.3	48.5

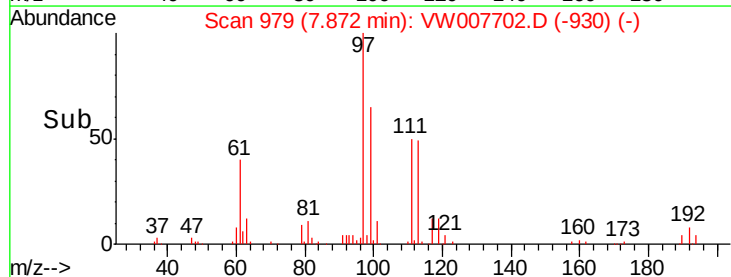
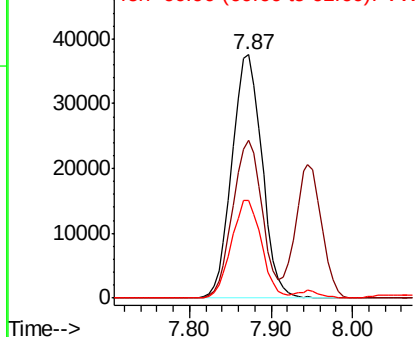


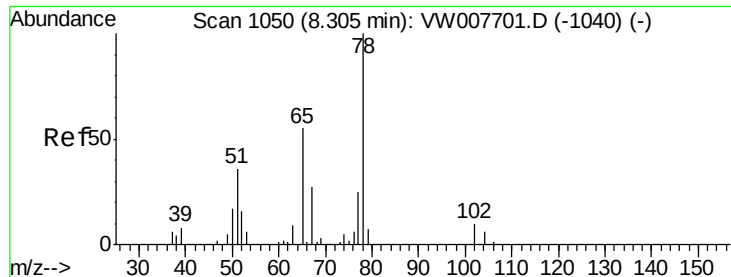
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





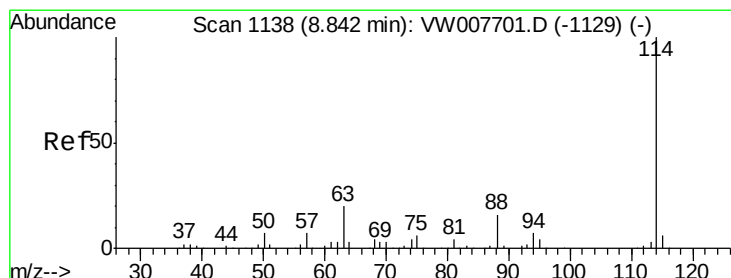
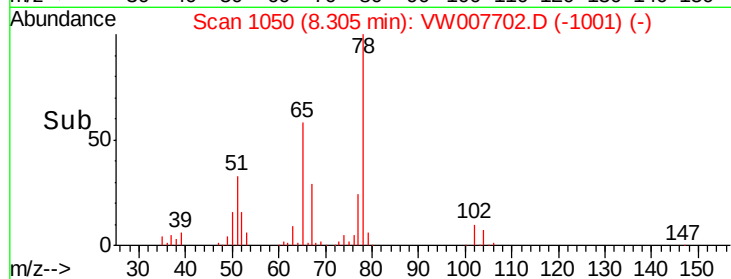
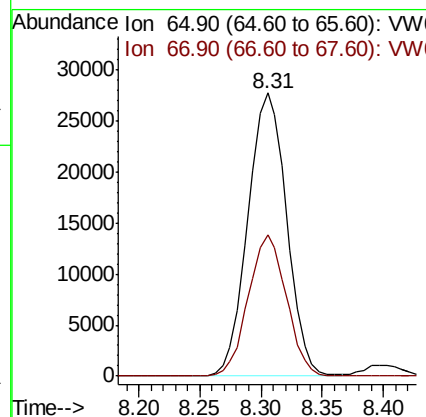
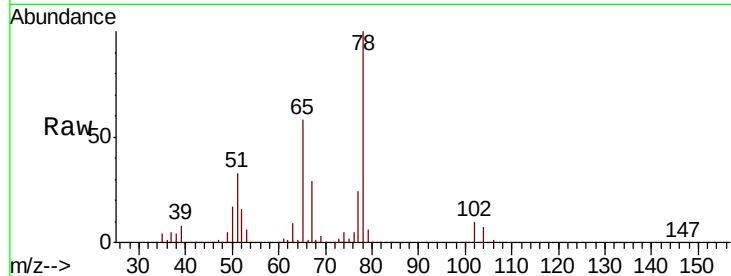
#33
 1,2-Dichloroethane-d4
 Concen: 75.247 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	100.6

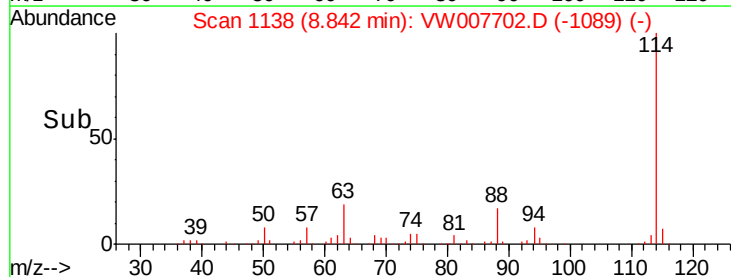
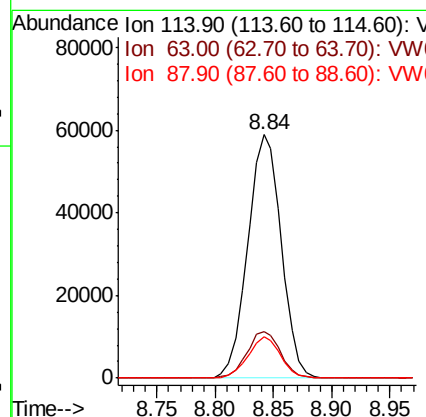
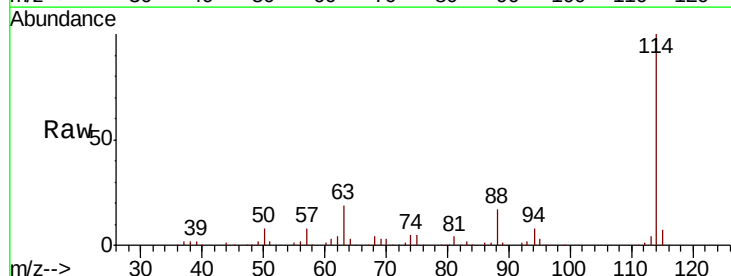
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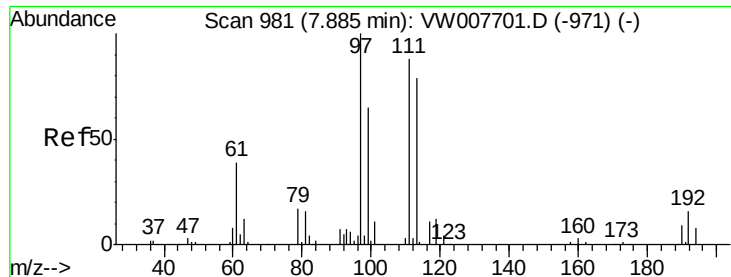
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	16.8	0.0	32.6





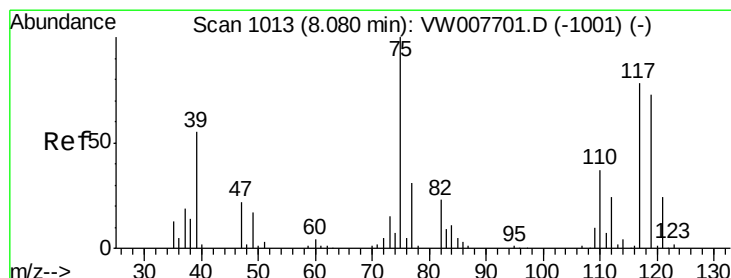
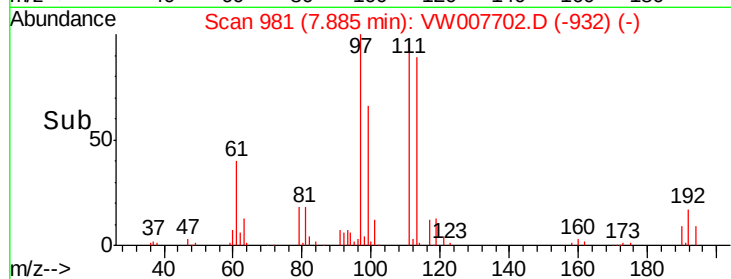
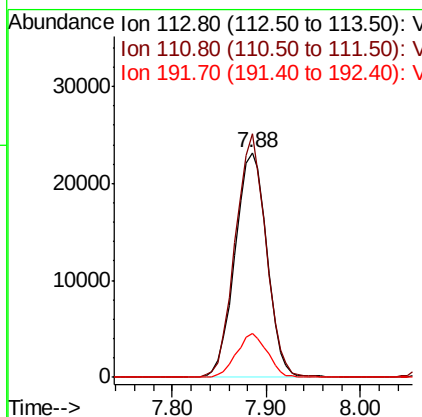
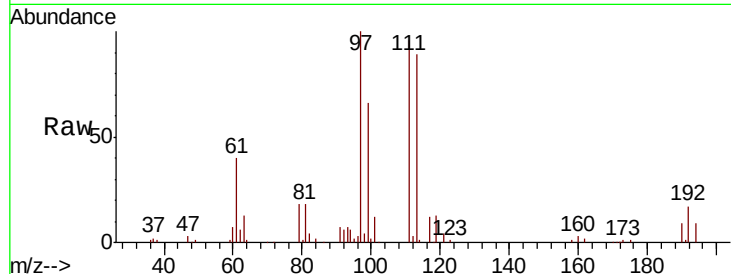
#35
 Dibromofluoromethane
 Concen: 75.790 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	54559		
111	103.8	82.6	124.0	
192	18.8	15.5	23.3	

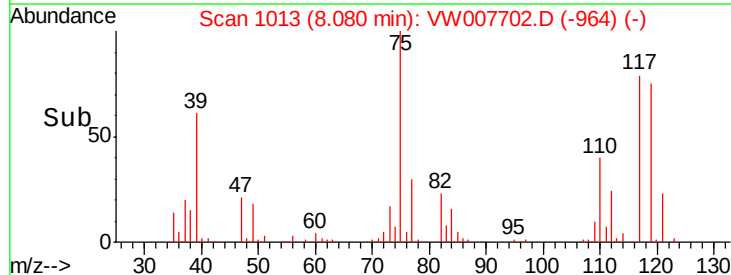
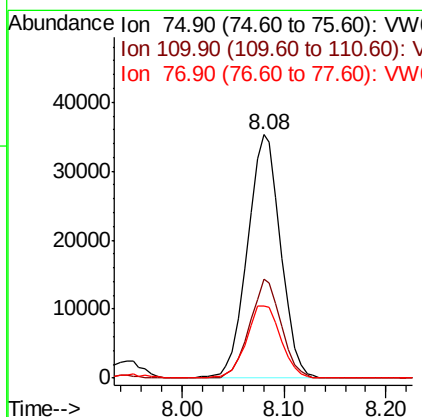
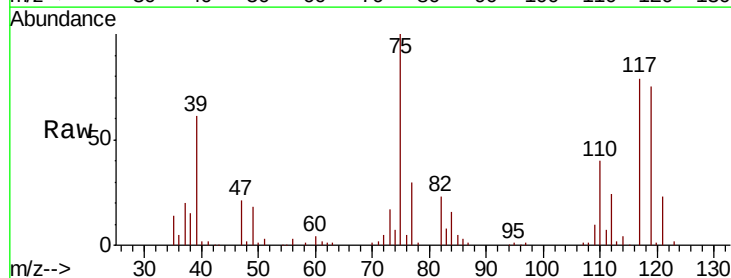
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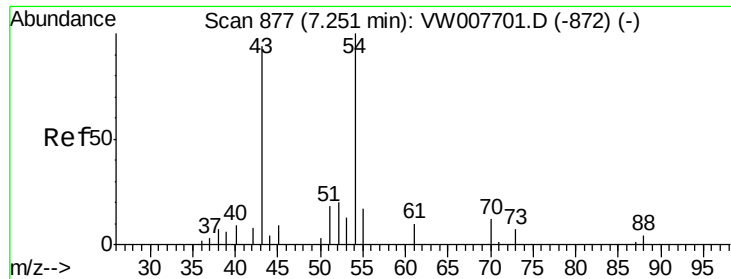
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#36
 1,1-Dichloropropene
 Concen: 70.152 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79898		
110	38.5	18.6	55.8	
77	31.1	25.0	37.4	





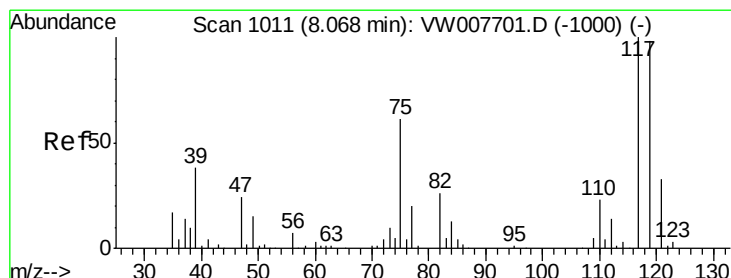
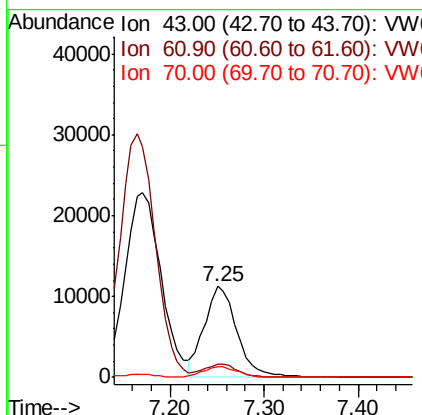
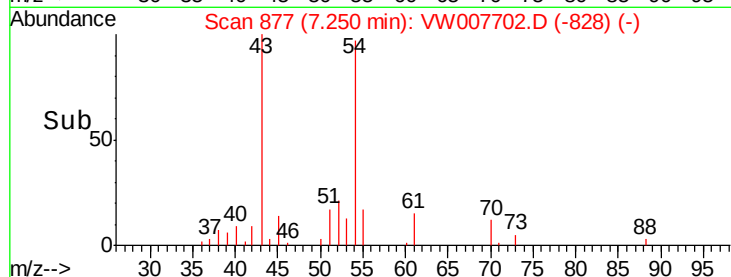
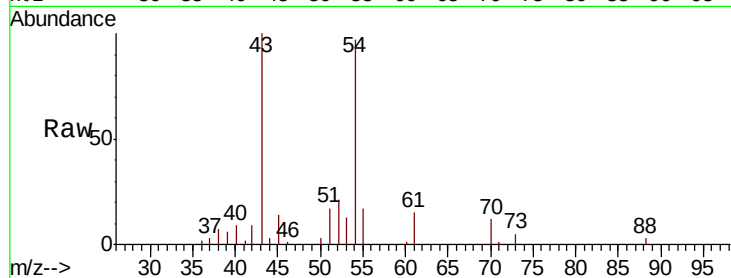
#37
Ethyl Acetate
Concen: 68.957 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.2	16.8
70	12.8	9.3	13.9

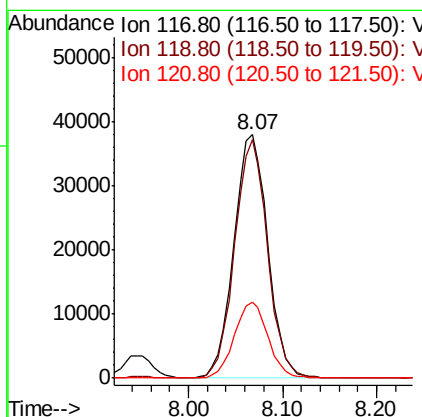
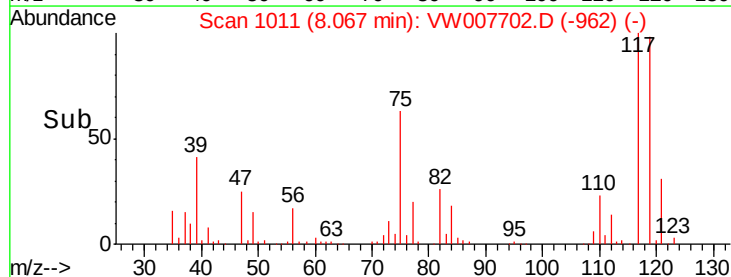
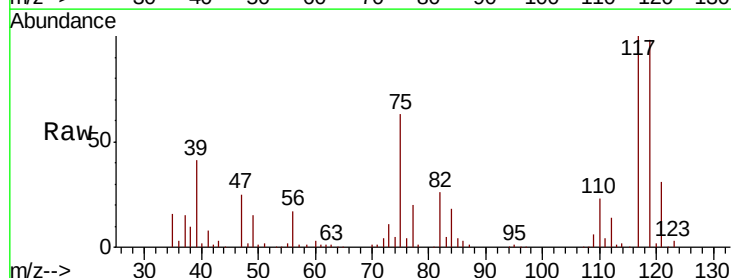
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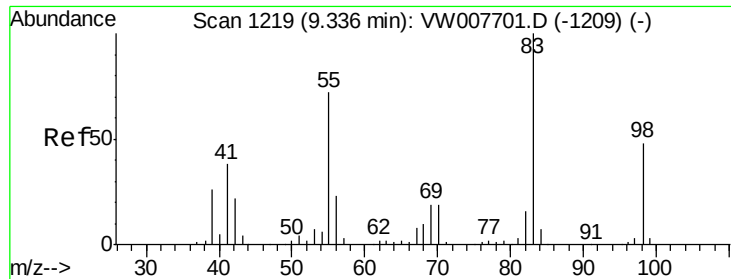
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#38
Carbon Tetrachloride
Concen: 71.126 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.2	117.2
121	31.4	26.1	39.1





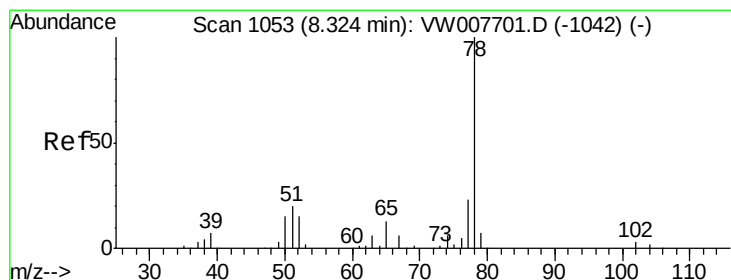
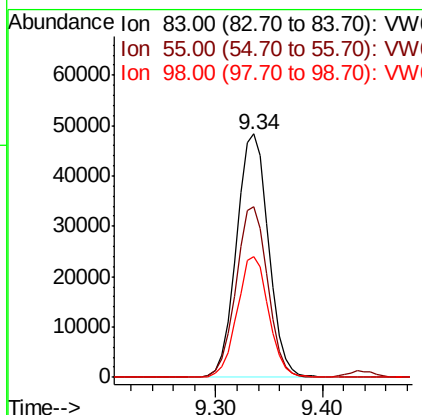
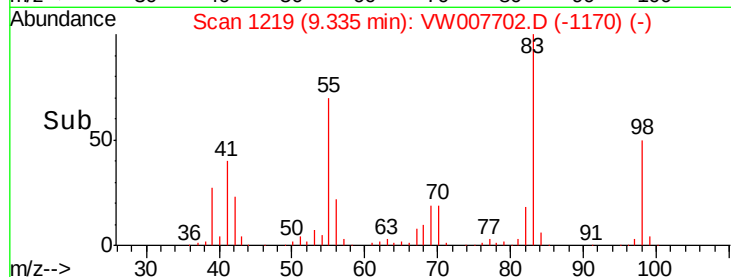
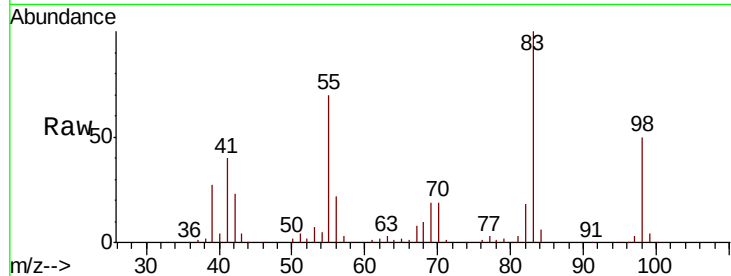
#39
Methylvlcyclohexane
Concen: 72.130 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	57.2	85.8
98	49.6	38.6	58.0

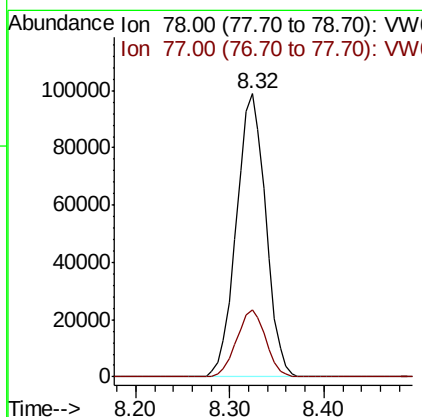
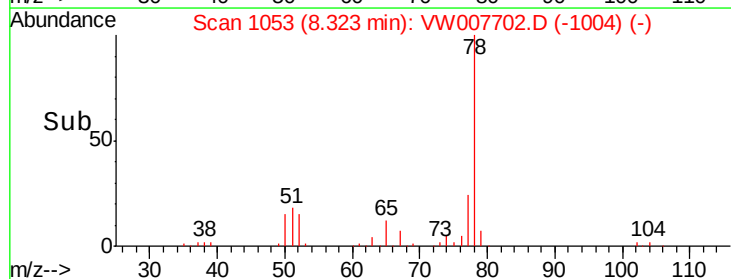
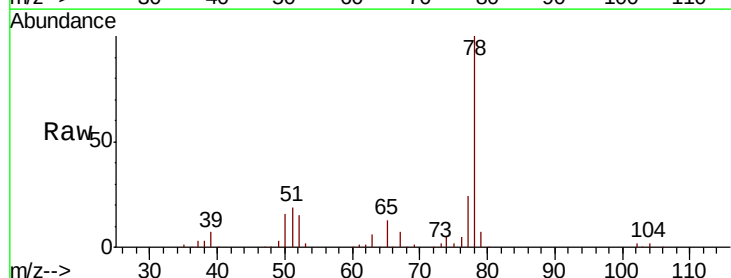
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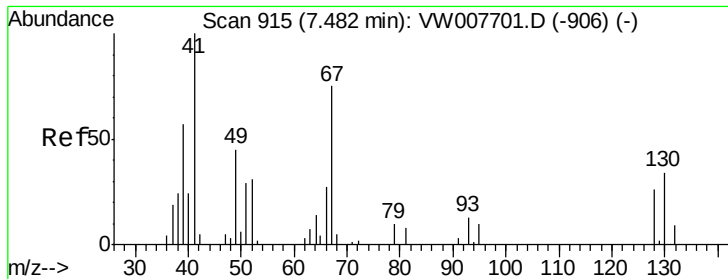
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#40
Benzene
Concen: 70.754 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





#41

Methacrylonitrile

Concen: 73.952 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 41 Resp: 16503

Ion Ratio Lower Upper

41 100

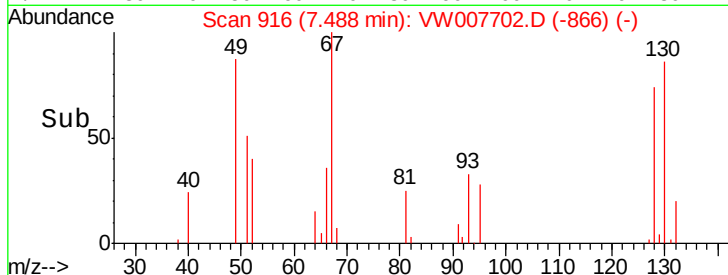
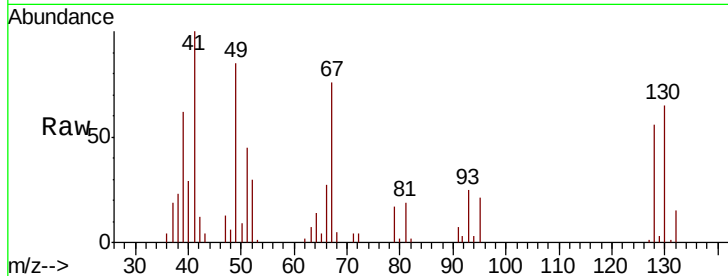
39 67.4 54.2 81.4

67 79.8 65.7 98.5

52 33.8 26.2 39.4

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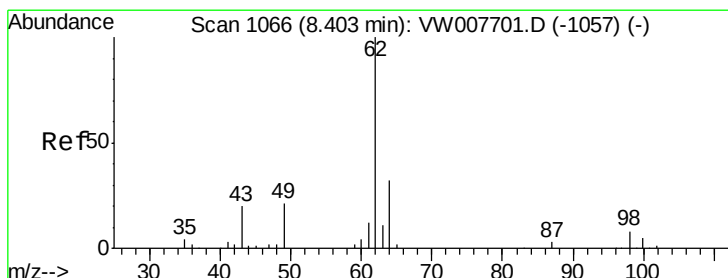
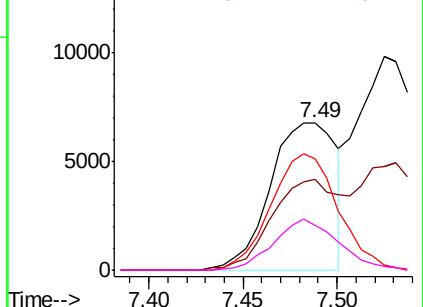


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 70.020 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007702.D

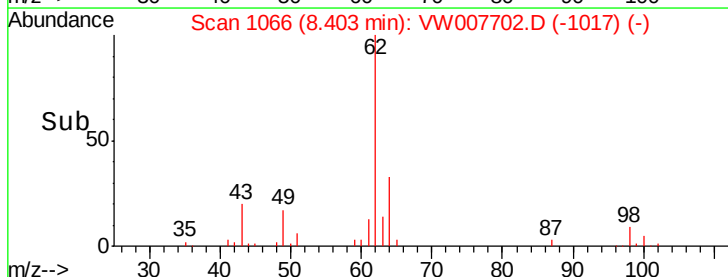
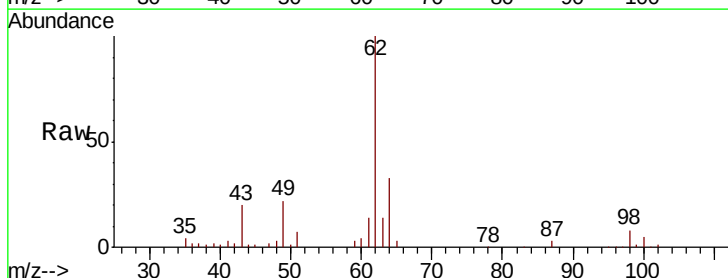
Acq: 19 Dec 2018 15:19

Tgt Ion: 62 Resp: 71315

Ion Ratio Lower Upper

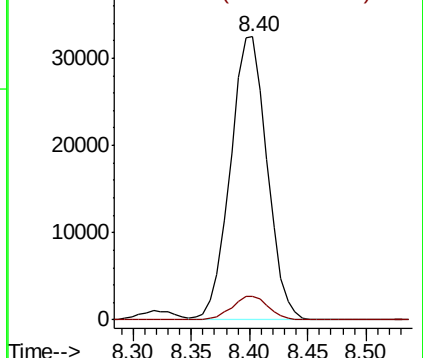
62 100

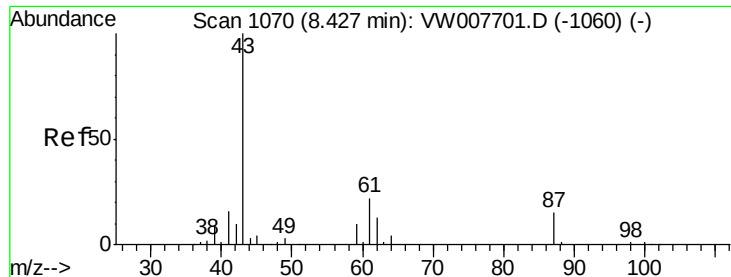
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 71.482 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

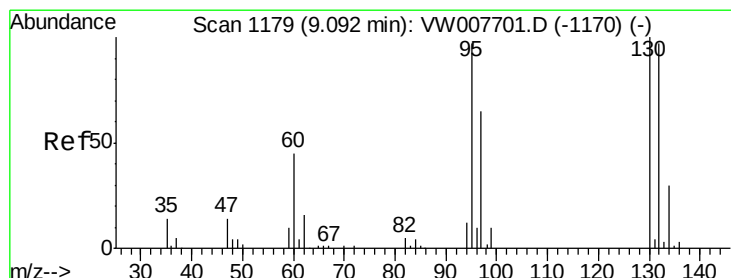
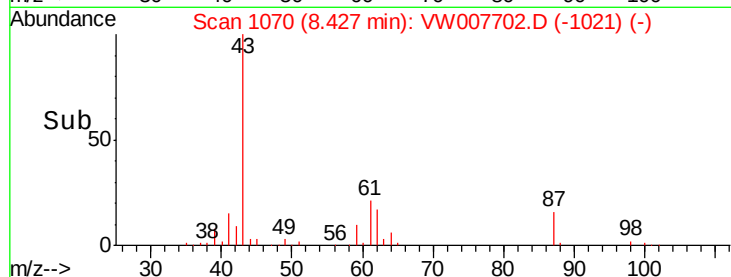
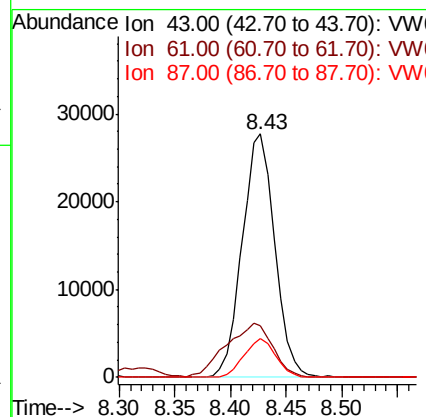
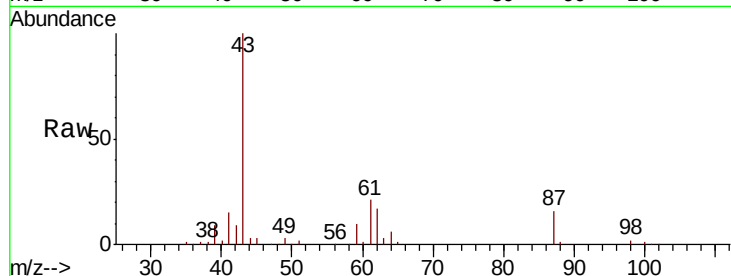
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	56290
Ion	Ratio	Lower	Upper
43	100		
61	31.6	26.3	39.5
87	15.6	12.0	18.0

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#44

Trichloroethene

Concen: 69.450 ug/l

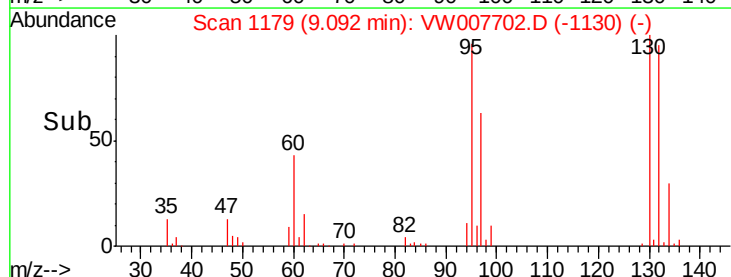
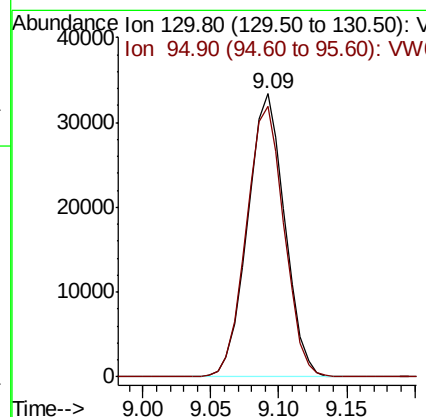
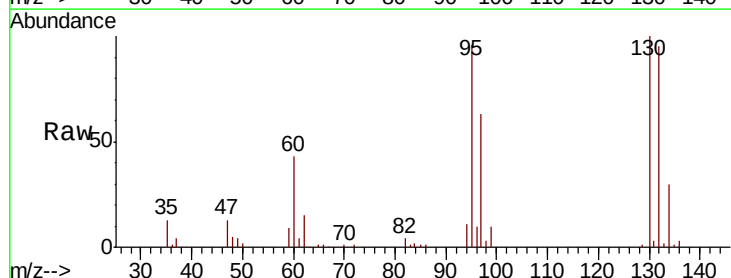
RT: 9.09 min Scan# 1179

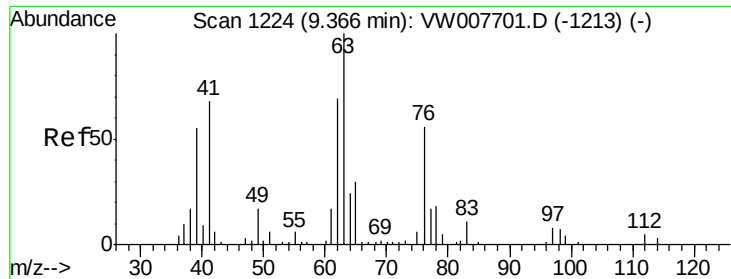
Delta R.T. -0.00 min

Lab File: VW007702.D

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Tgt Ion:	130	Resp:	63831
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	194.8





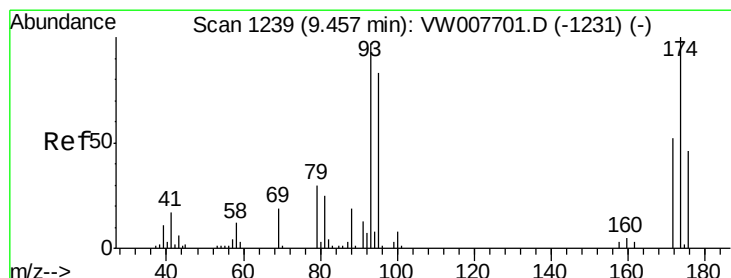
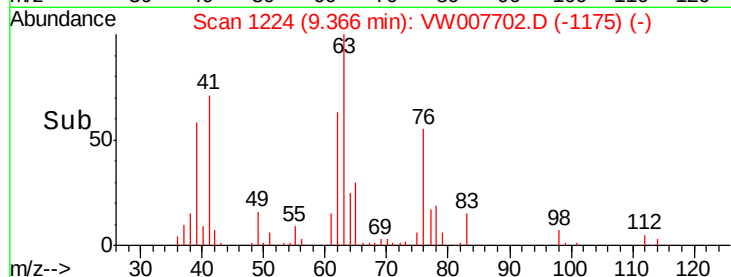
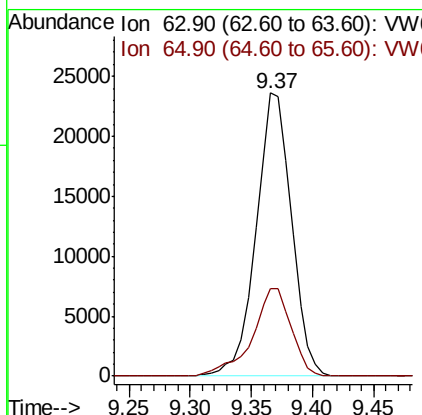
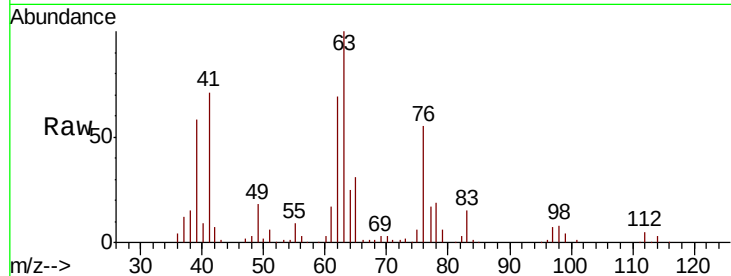
#45
 1,2-Dichloropropane
 Concen: 70.622 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 63 Resp: 47625
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.8

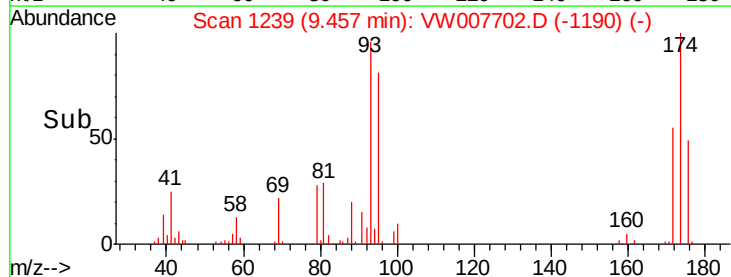
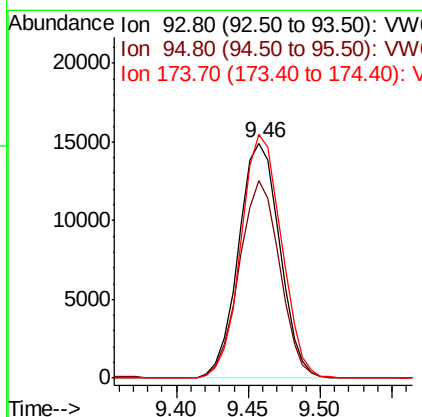
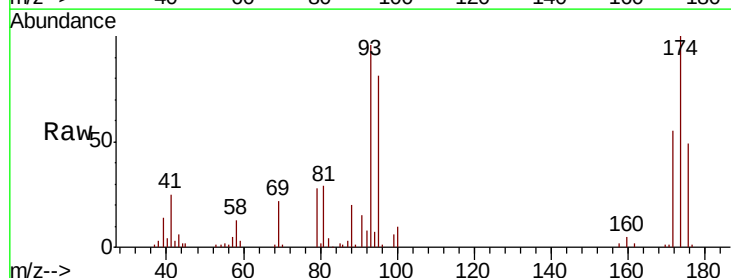
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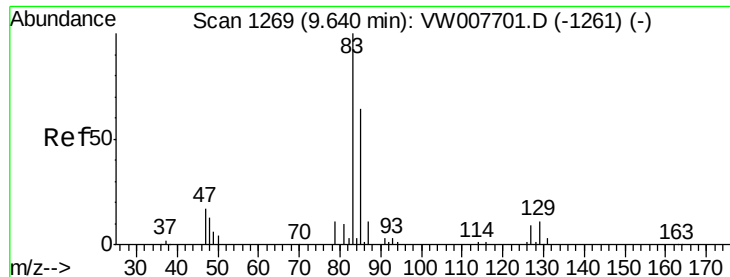
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#46
 Dibromomethane
 Concen: 71.574 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion: 93 Resp: 29712
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.5 101.3
 174 101.7 83.9 125.9





#47

Bromodichloromethane

Concen: 70.675 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

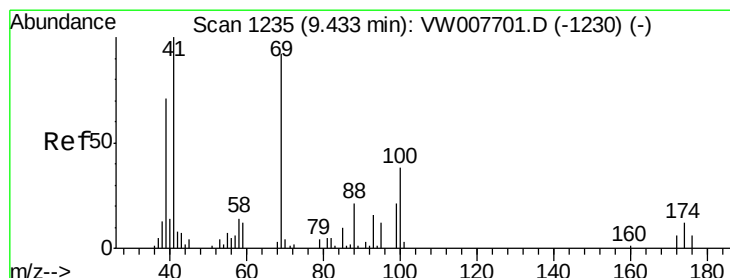
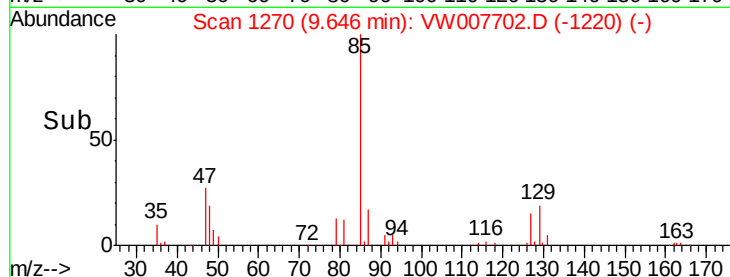
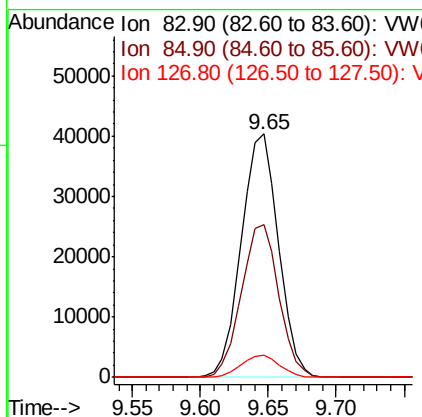
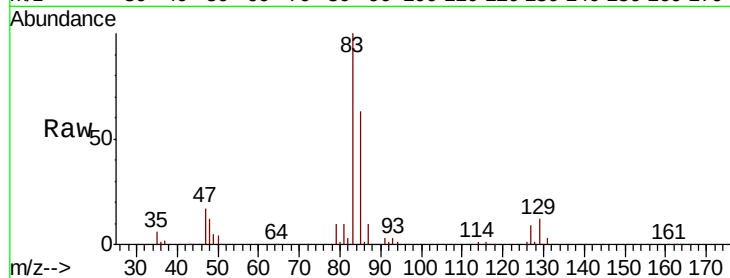
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	77129
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	9.1	7.5	11.3

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#48

Methyl methacrylate

Concen: 72.392 ug/l

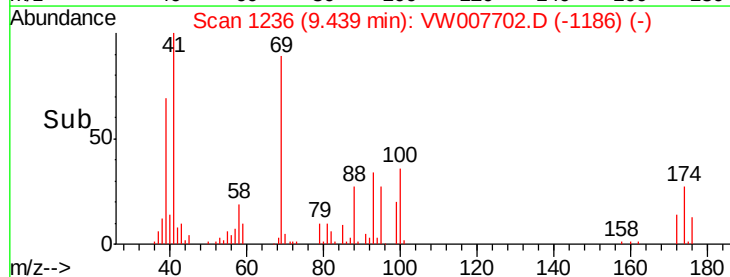
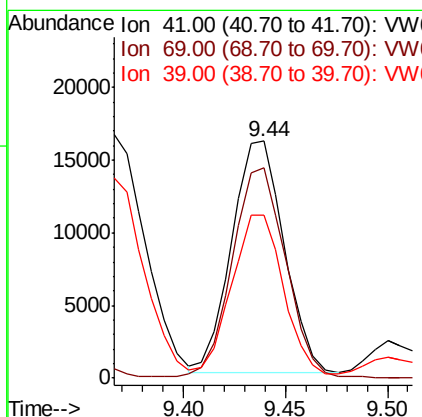
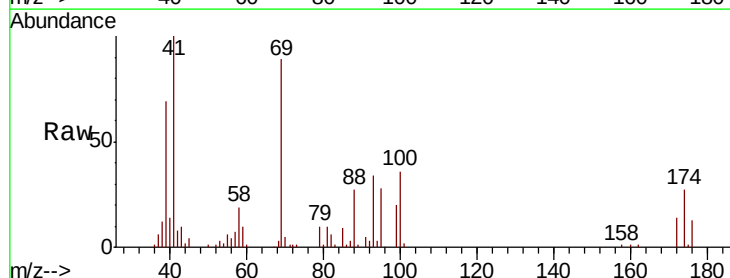
RT: 9.44 min Scan# 1236

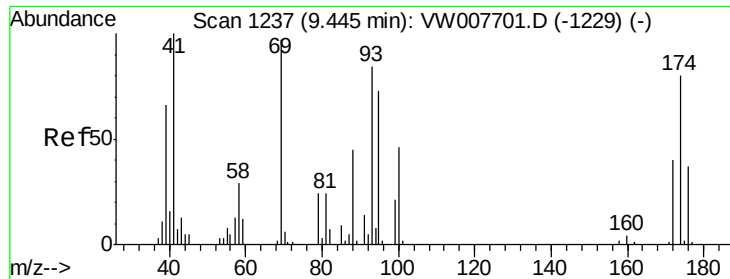
Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	41	Resp:	28455
Ion	Ratio	Lower	Upper
41	100		
69	93.0	74.2	111.2
39	67.1	53.9	80.9





#49

1,4-Dioxane

Concen: 1518.178 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

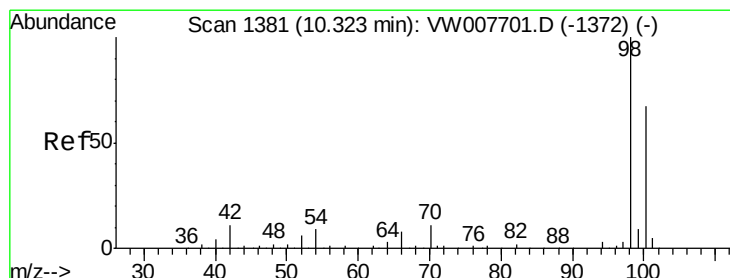
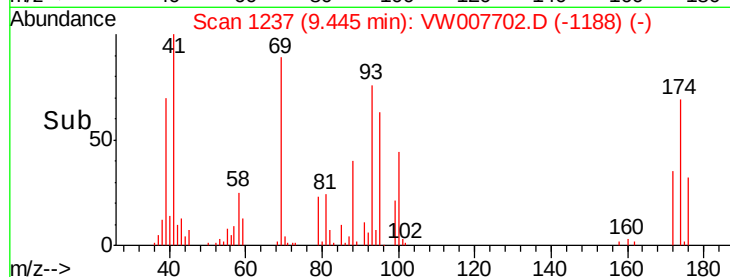
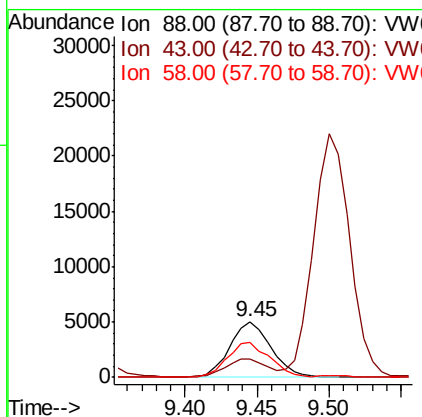
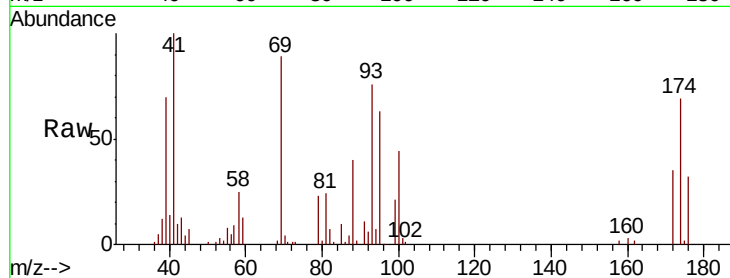
ClientSampleId :

VSTDIC075

Tot Ion:	88	Resp:	9992
Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.6	38.4
58	64.8	52.3	78.5

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#50

Toluene-d8

Concen: 77.347 ug/l

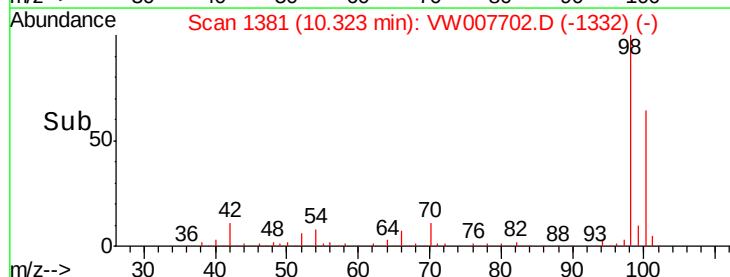
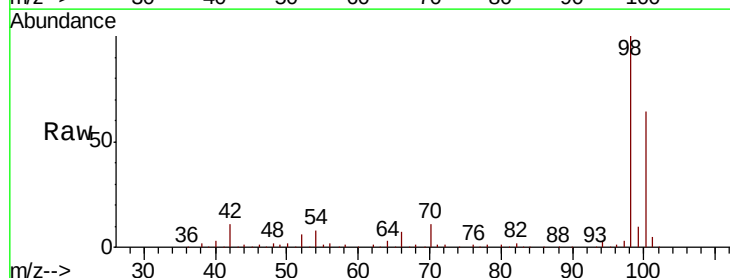
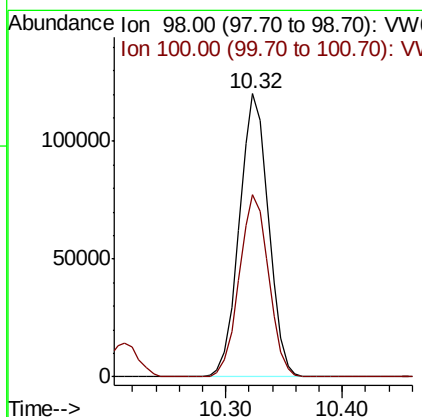
RT: 10.32 min Scan# 1381

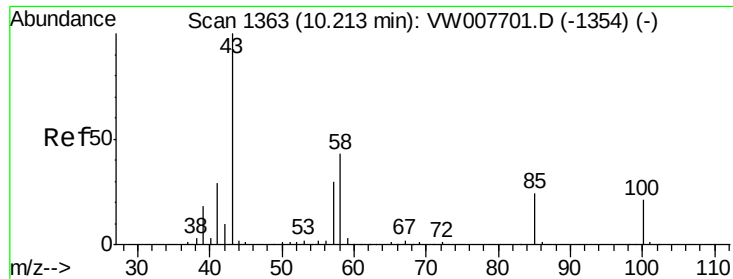
Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	98	Resp:	209905
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 354.817 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 132048

Ion Ratio Lower Upper

43 100

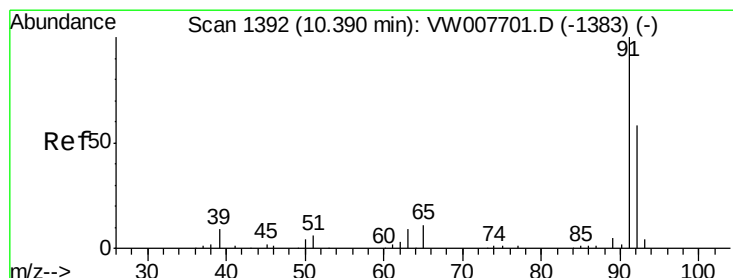
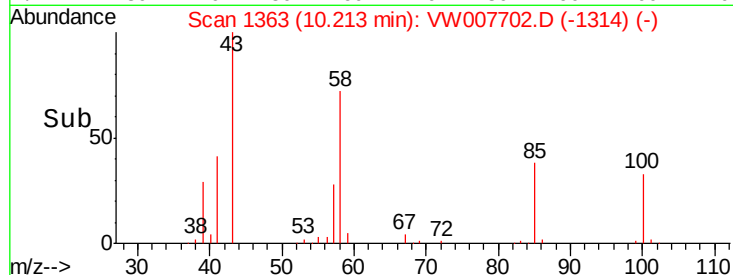
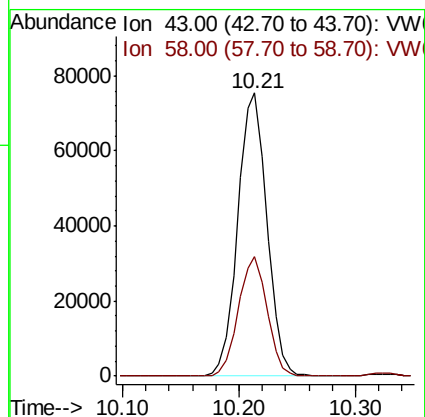
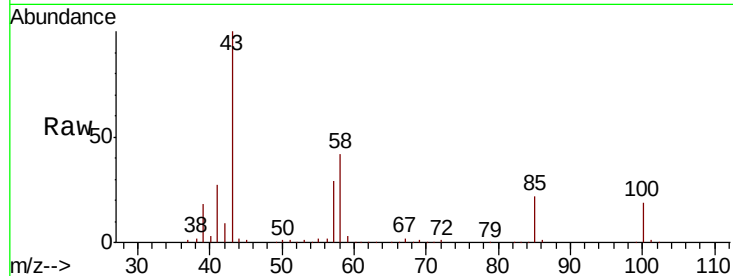
58 41.6 33.2 49.8

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#52

Toluene

Concen: 69.481 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007702.D

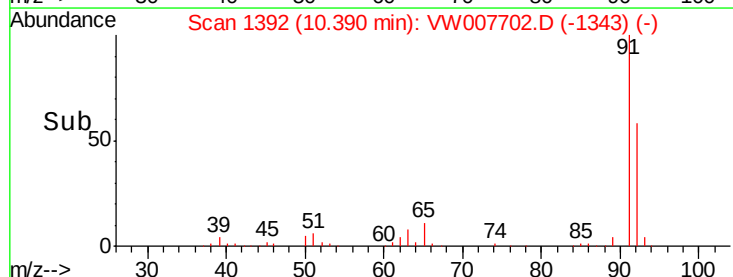
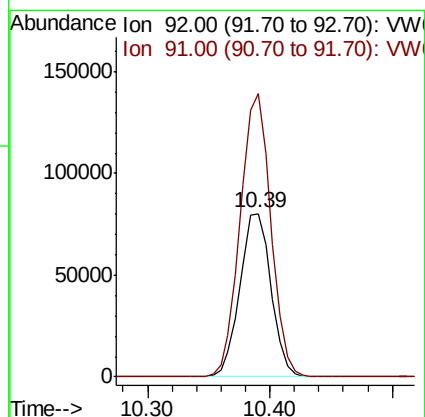
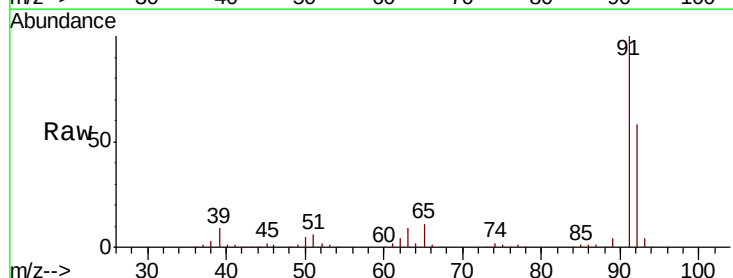
Acq: 19 Dec 2018 15:19

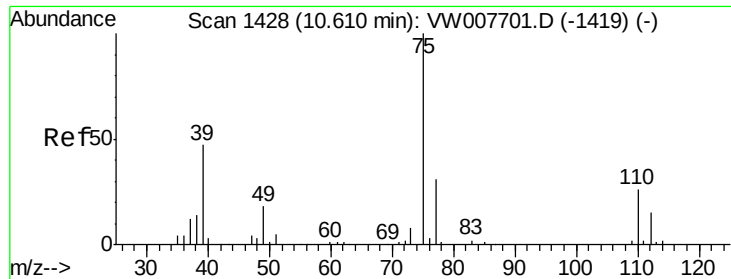
Tgt Ion: 92 Resp: 141679

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.4





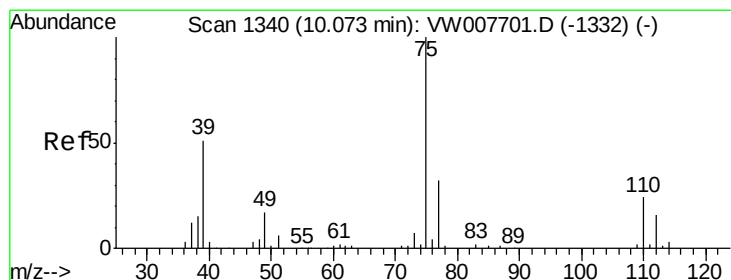
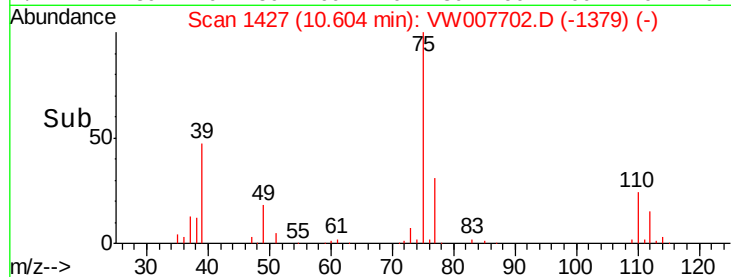
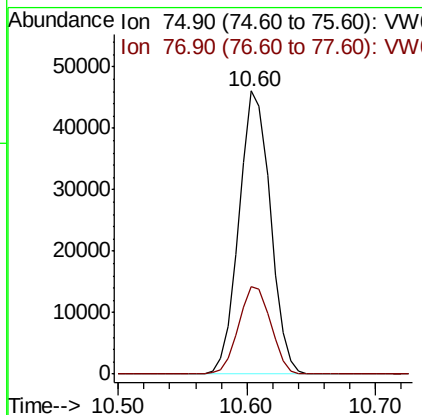
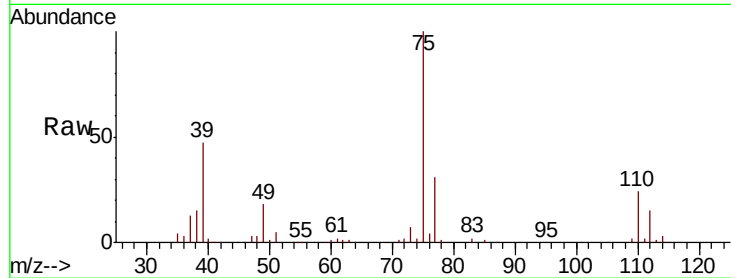
#53
t-1,3-Dichloropropene
Concen: 71.668 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 75 Resp: 77796
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8

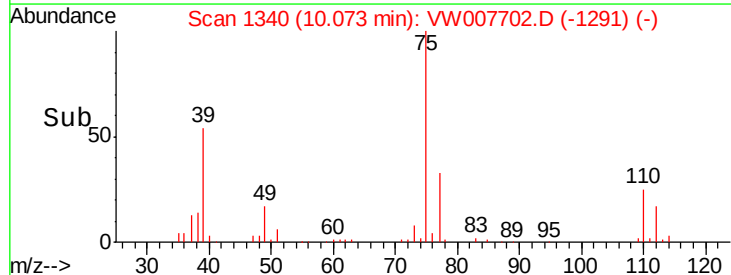
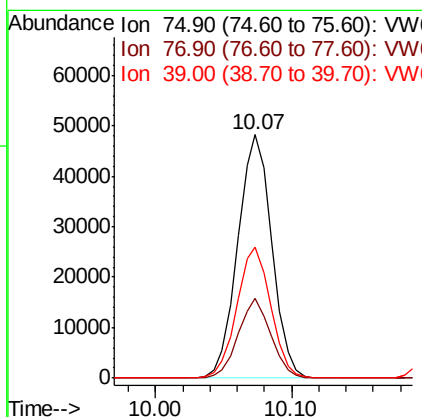
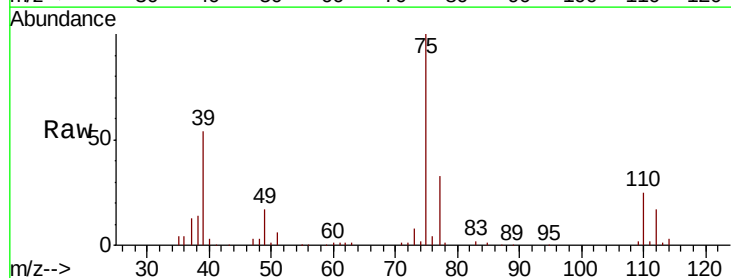
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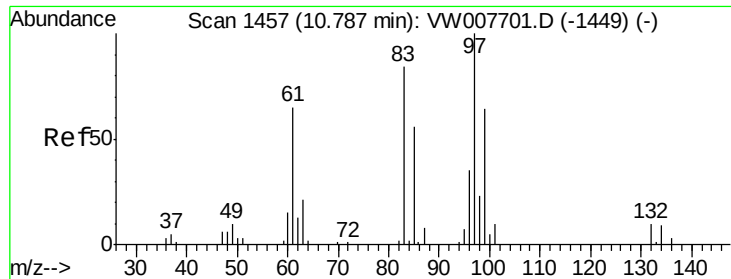
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#54
cis-1,3-Dichloropropene
Concen: 70.241 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion: 75 Resp: 84220
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 53.6 41.2 61.8





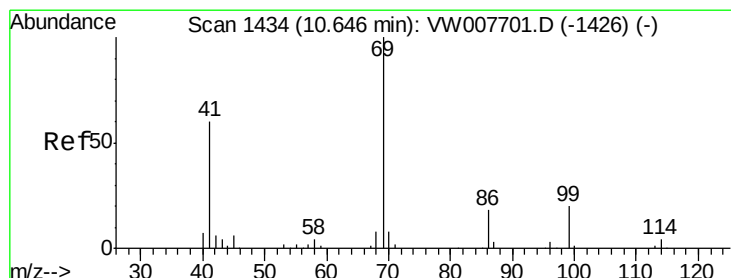
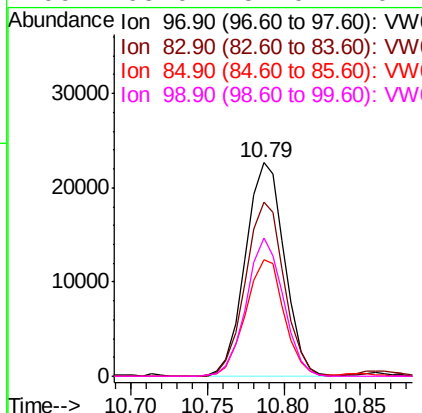
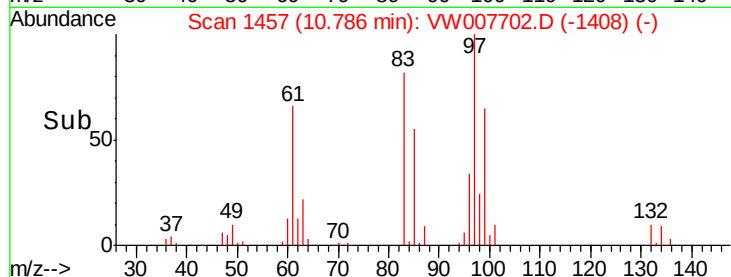
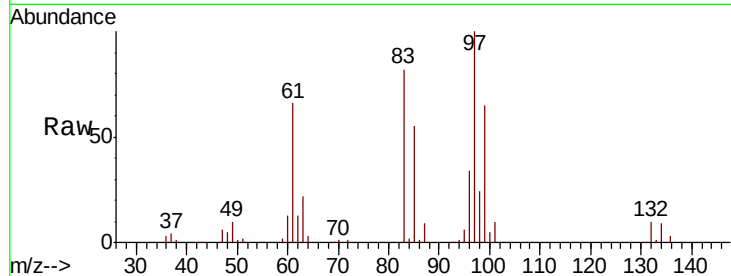
#55
 1,1,2-Trichloroethane
 Concen: 70.324 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	40245
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.5	101.3
85	54.8	44.8	67.2
99	65.0	51.0	76.4

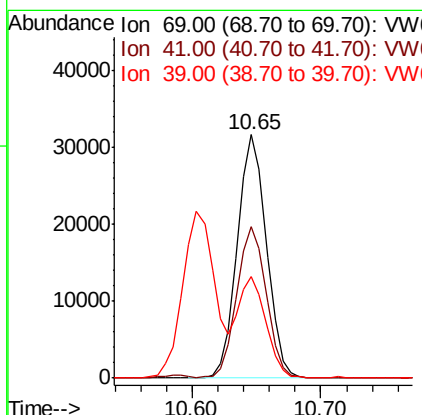
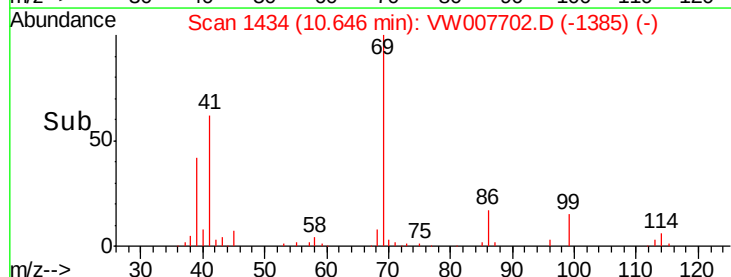
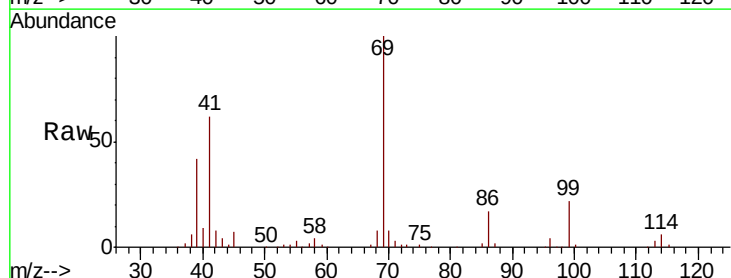
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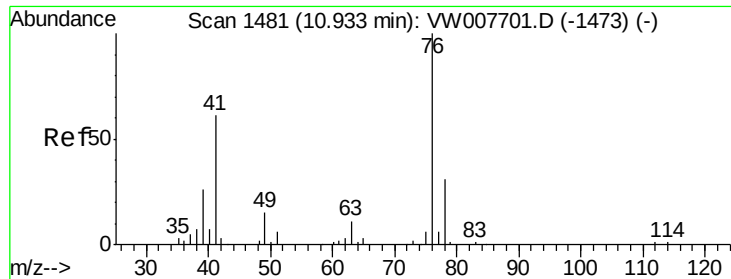
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#56
 Ethyl methacrylate
 Concen: 73.317 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion:	69	Resp:	49574
Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.9	73.3
39	39.9	31.3	46.9





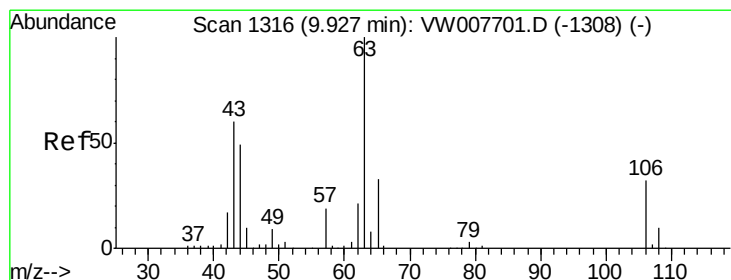
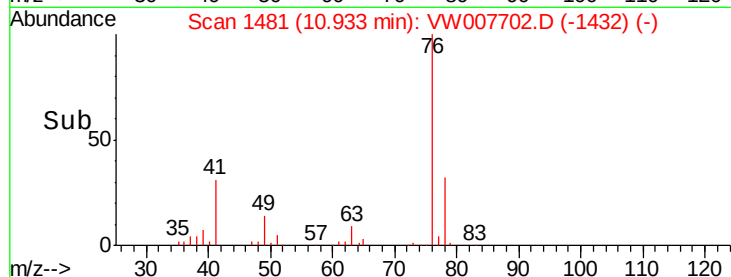
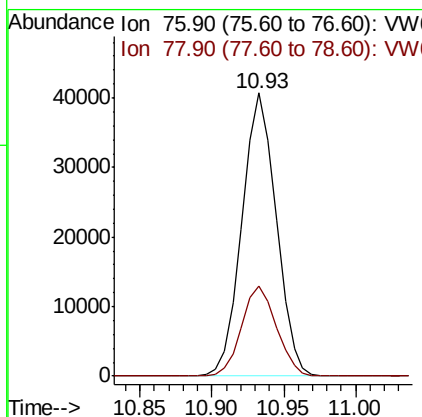
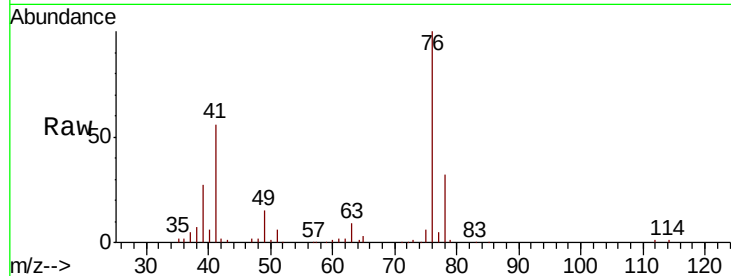
#57
 1,3-Dichloropropane
 Concen: 70.577 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 76 Resp: 67069
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

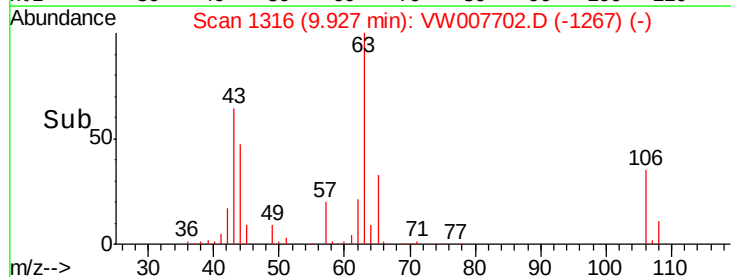
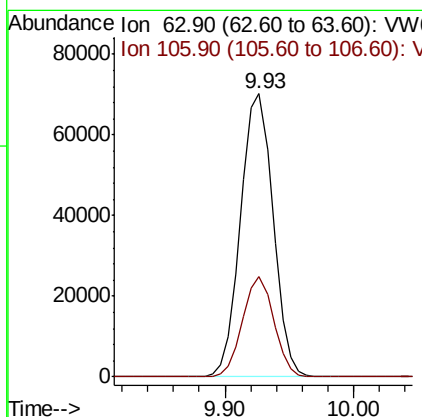
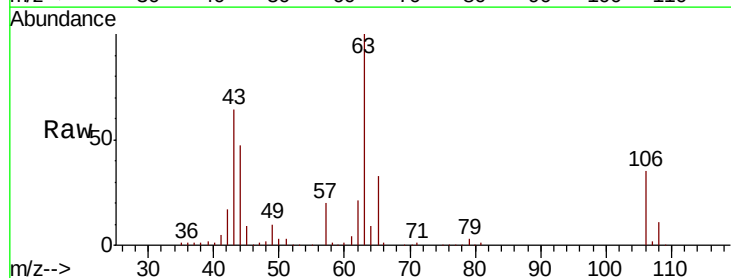
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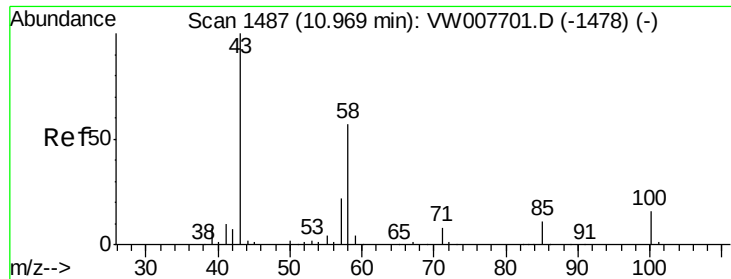
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#58
 2-Chloroethyl Vinyl ether
 Concen: 397.964 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion: 63 Resp: 122857
 Ion Ratio Lower Upper
 63 100
 106 34.0 25.9 38.9





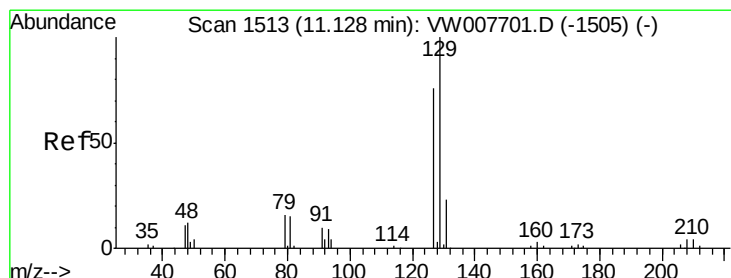
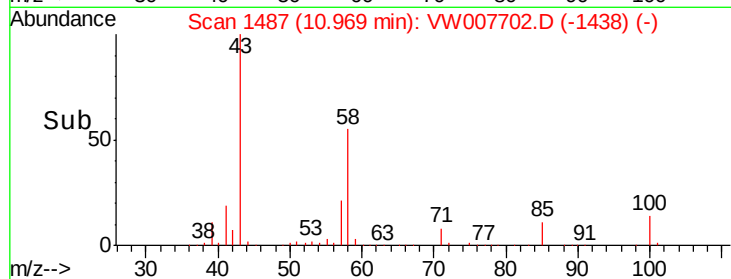
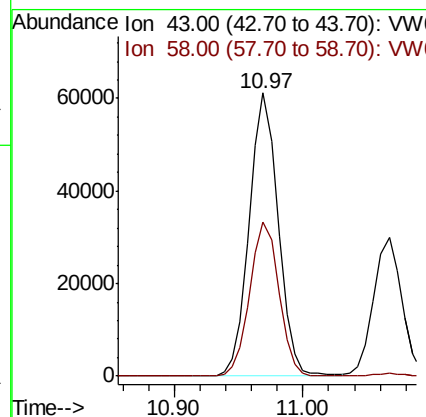
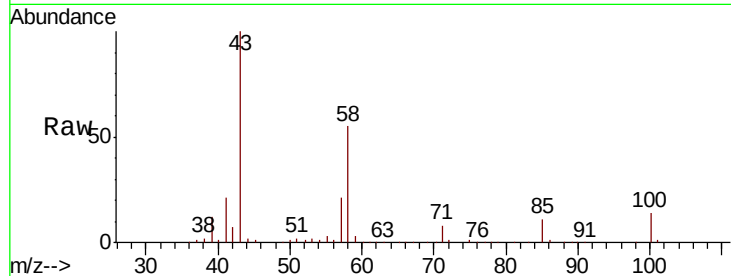
#59
2-Hexanone
Concen: 363.279 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 95080
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1

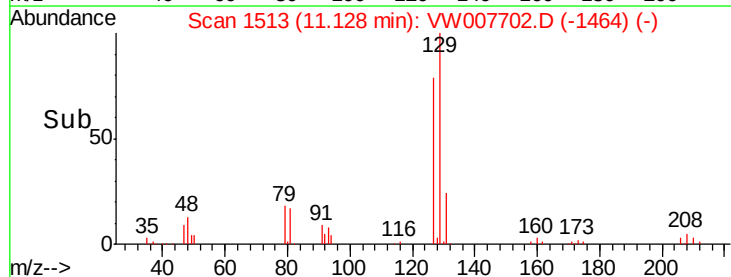
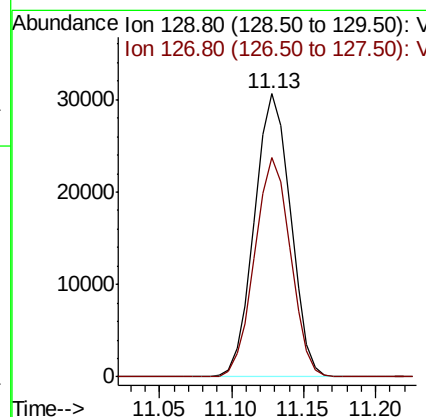
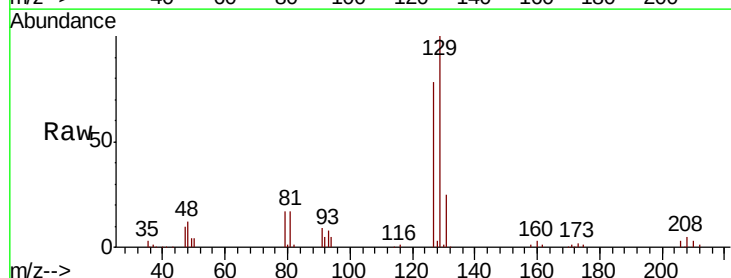
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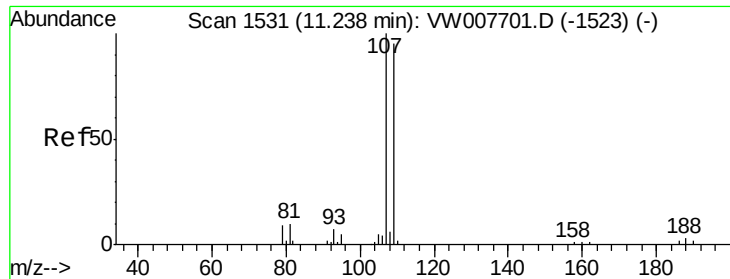
apatel
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#60
Dibromochloromethane
Concen: 70.291 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion: 129 Resp: 53262
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





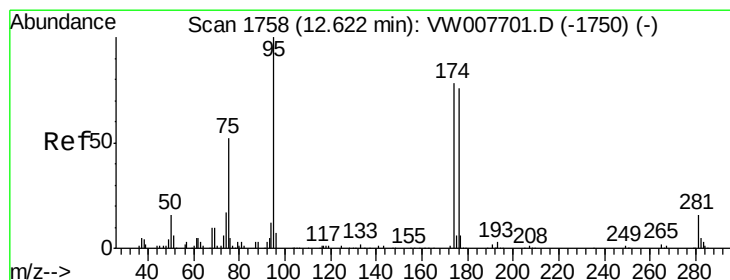
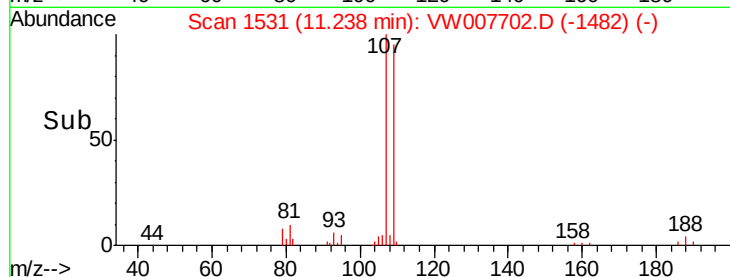
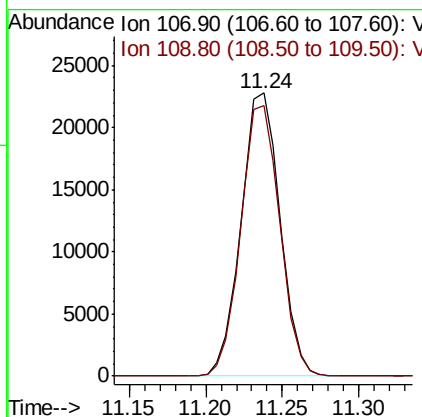
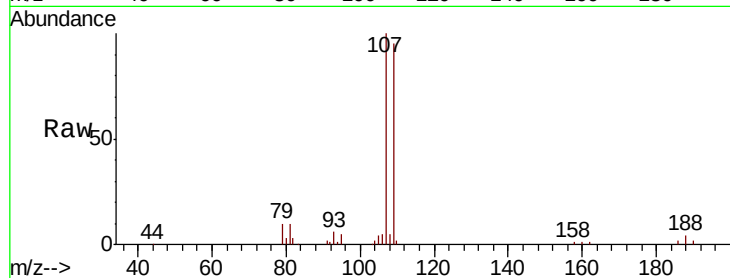
#61
 1,2-Dibromoethane
 Concen: 69.780 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 107 Resp: 40440
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.4 113.0

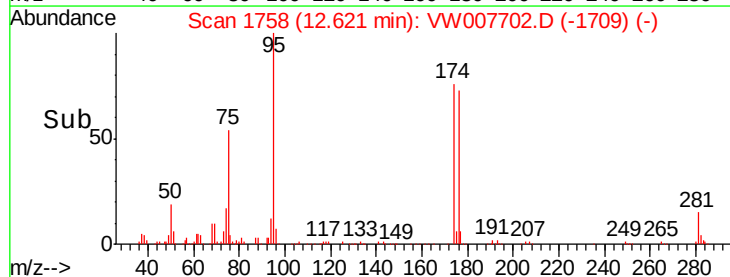
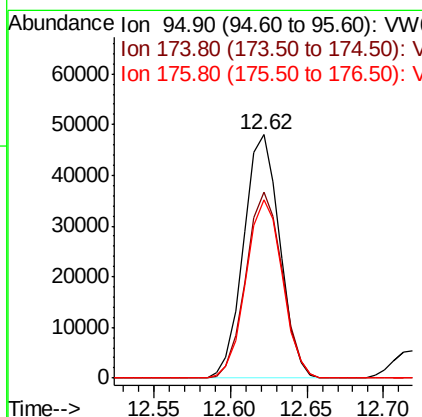
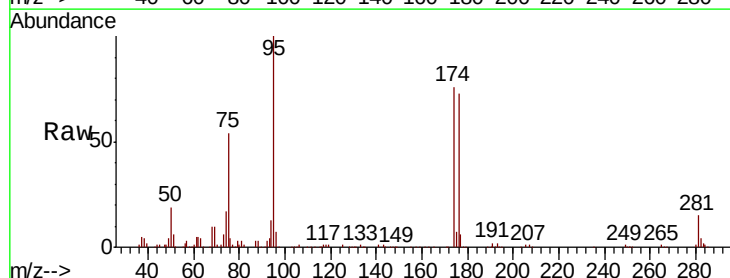
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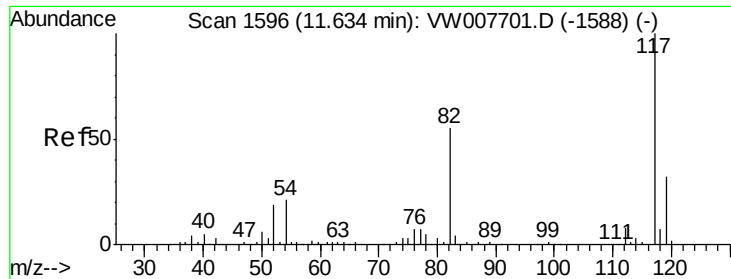
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#62
 4-Bromofluorobenzene
 Concen: 75.269 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion: 95 Resp: 78912
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 152.2
 176 74.0 0.0 146.8





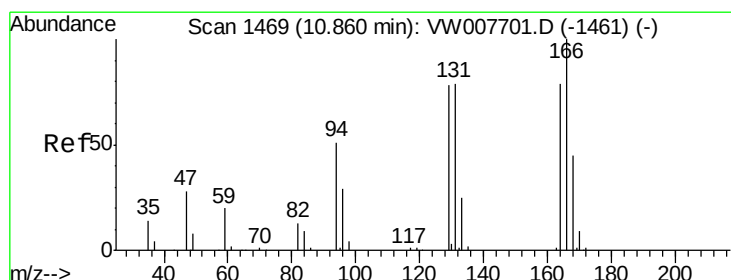
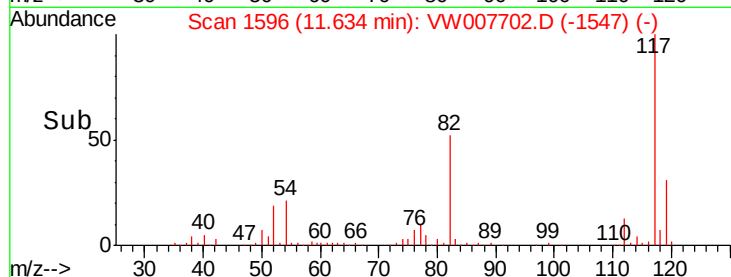
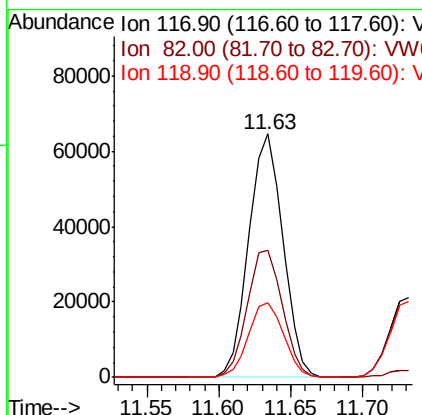
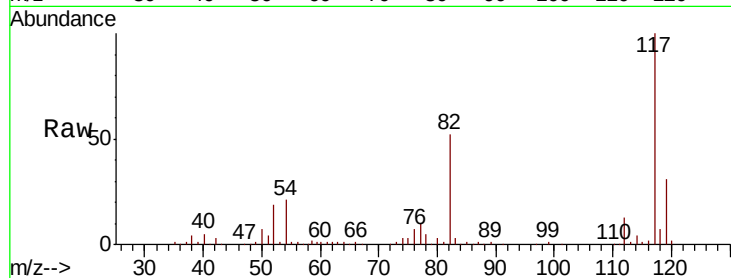
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	44.3	66.5
119	30.7	25.7	38.5

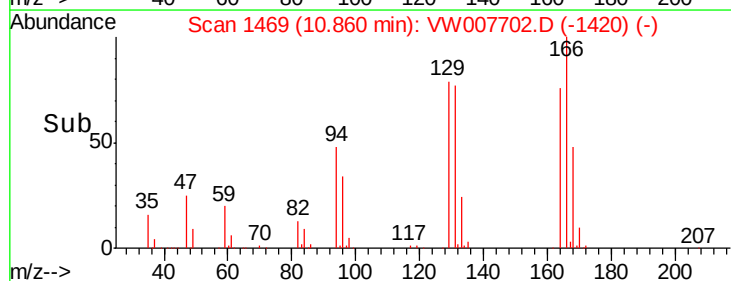
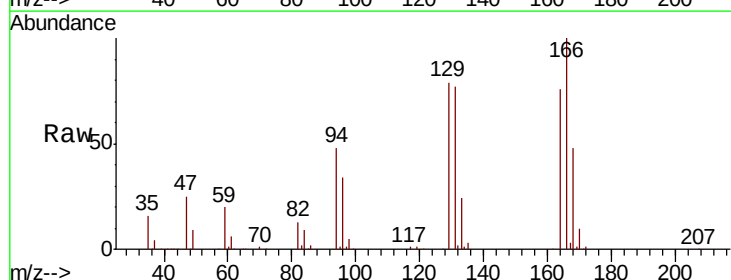
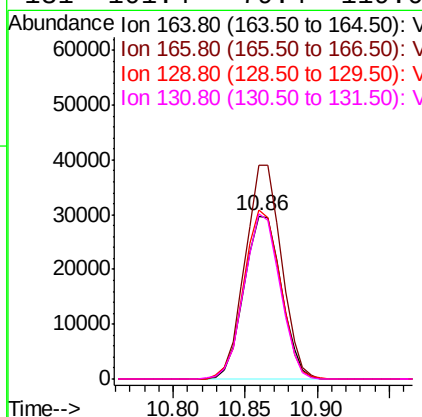
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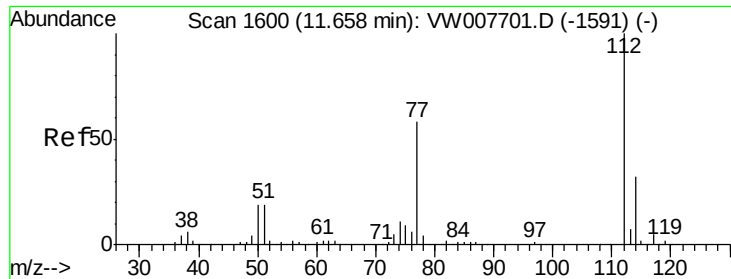
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#64
Tetrachloroethene
Concen: 70.551 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.0	151.6
129	103.9	78.7	118.1
131	101.4	79.4	119.0





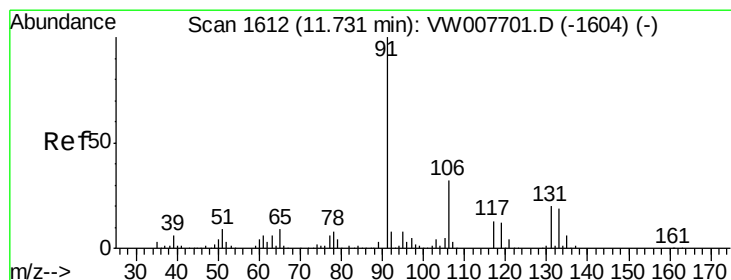
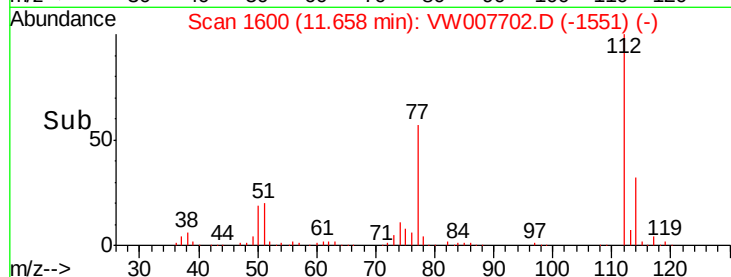
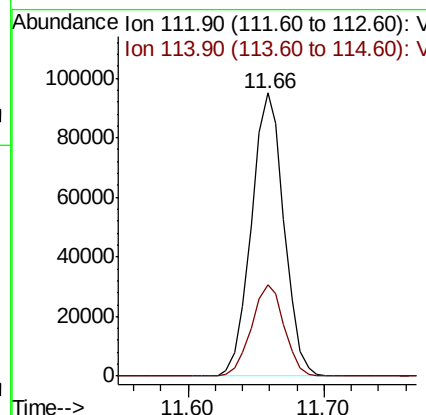
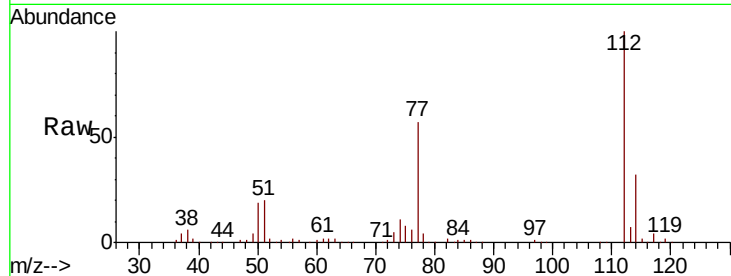
#65
Chlorobenzene
Concen: 69.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 159287
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

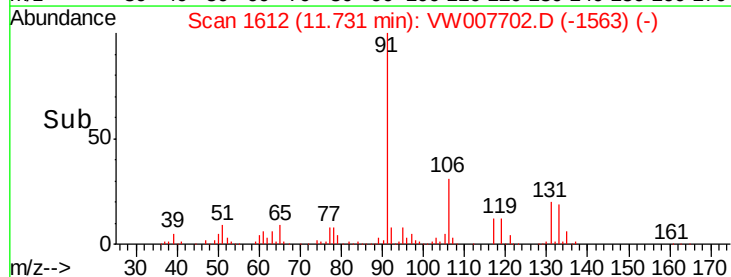
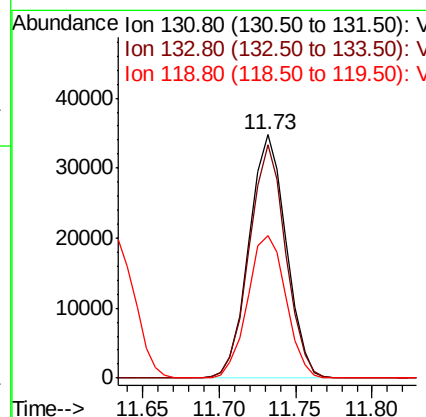
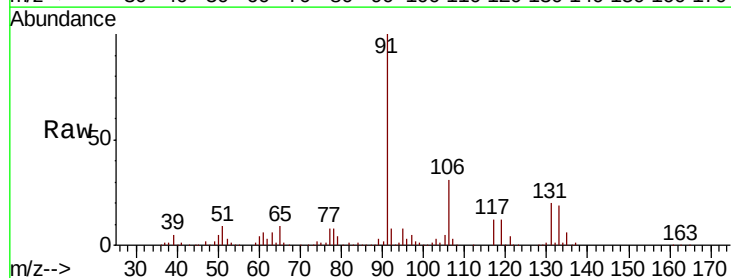
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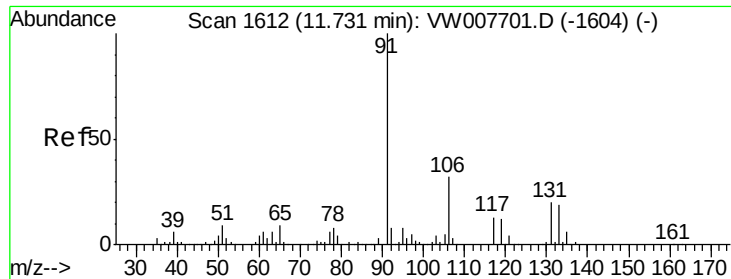
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#66
1,1,1,2-Tetrachloroethane
Concen: 71.590 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion:131 Resp: 58776
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 60.5 30.2 90.6





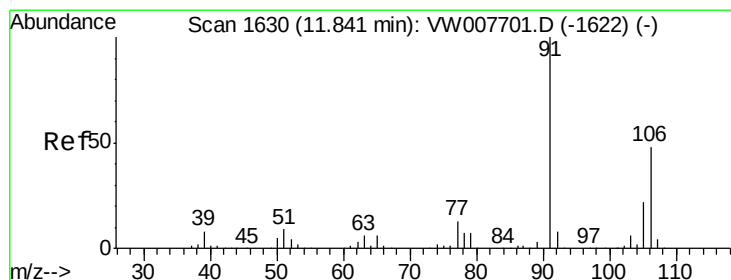
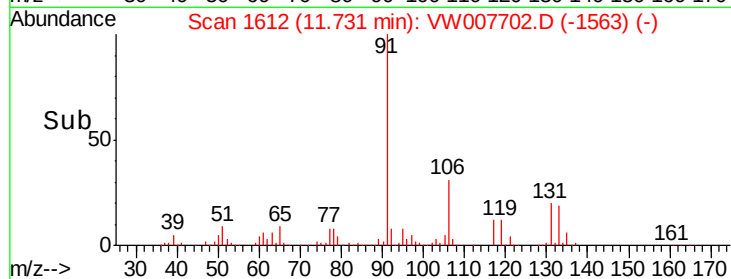
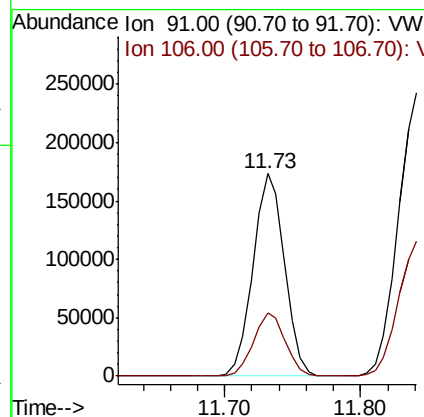
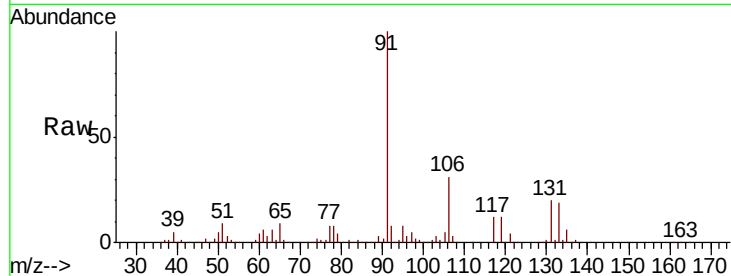
#67
Ethyl Benzene
Concen: 71.278 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 281035
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8

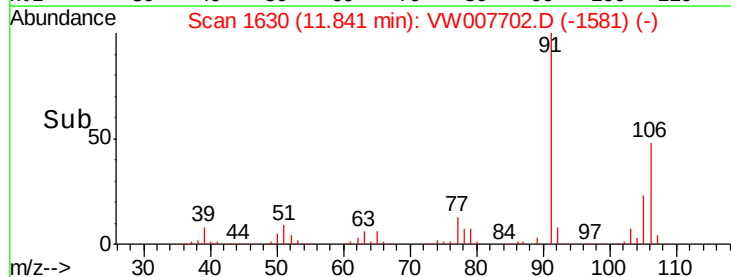
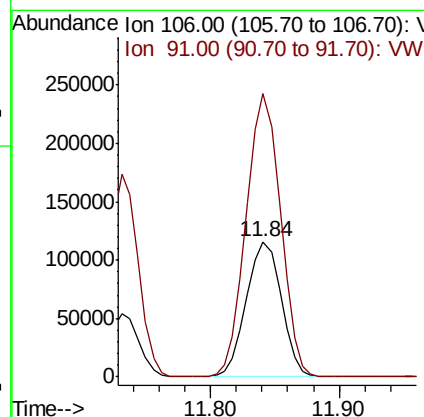
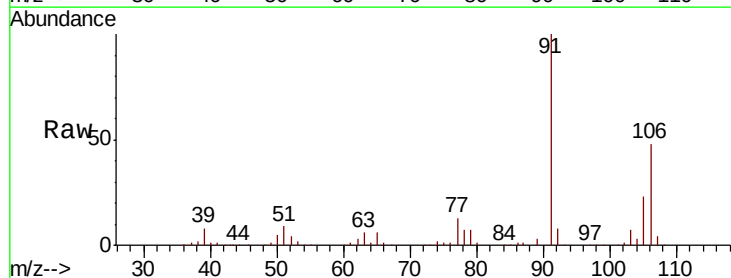
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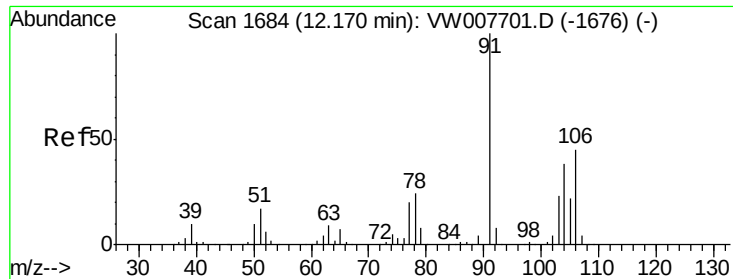
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#68
m/p-Xylenes
Concen: 142.285 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion: 106 Resp: 217622
Ion Ratio Lower Upper
106 100
91 206.6 165.2 247.8





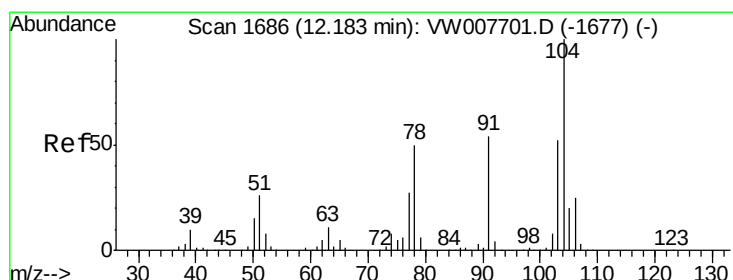
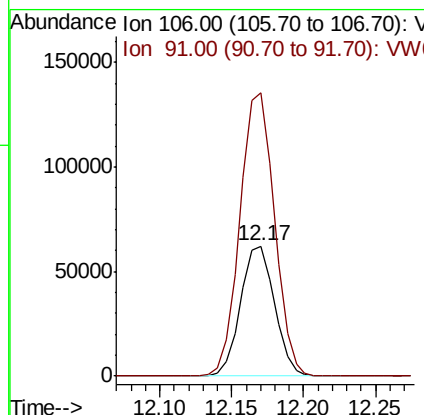
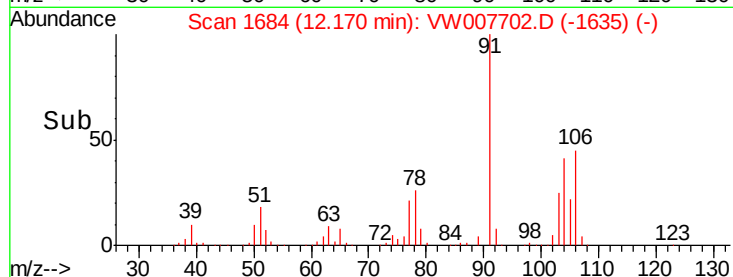
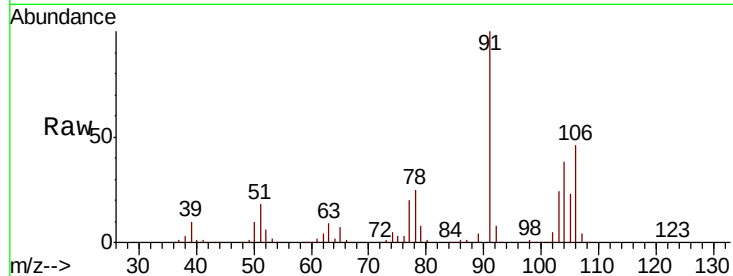
#69
o-Xylene
Concen: 71.130 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.9	110.5	331.4

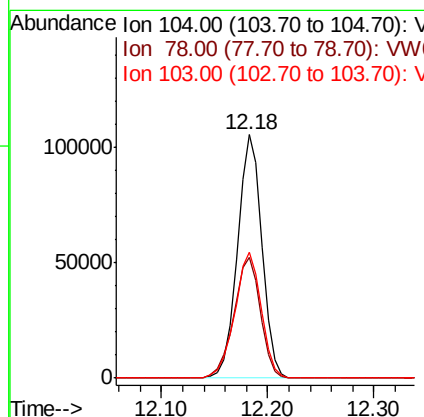
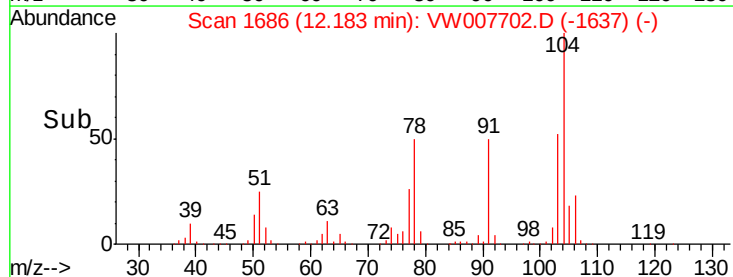
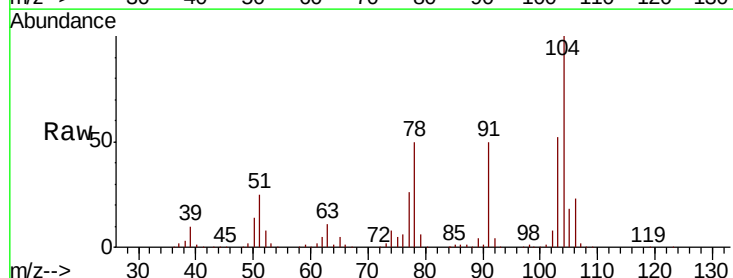
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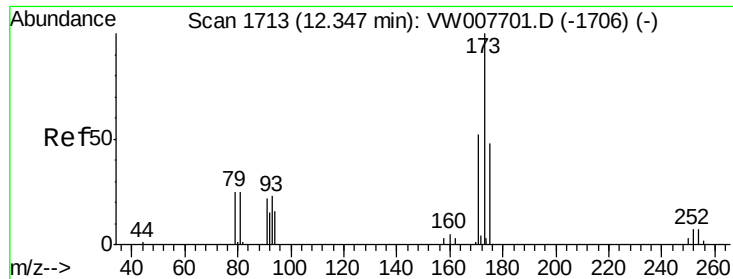
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#70
Styrene
Concen: 71.926 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.4	65.0
103	56.0	44.5	66.7





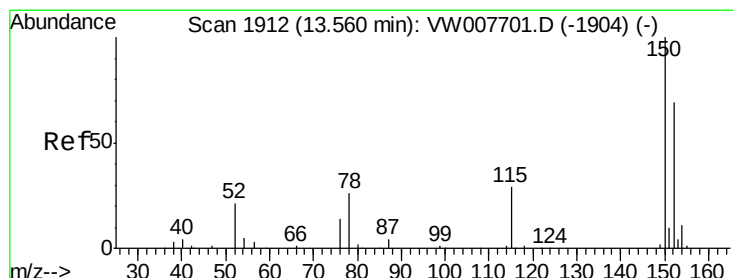
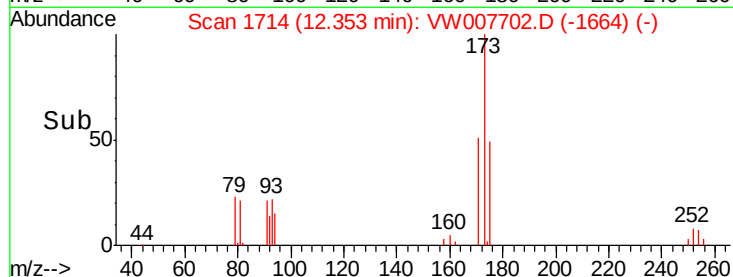
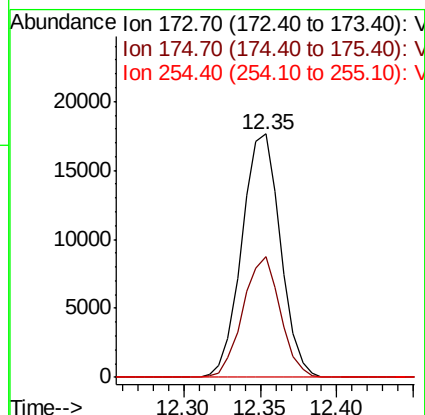
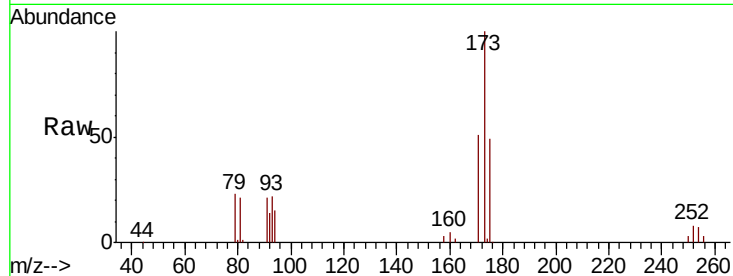
#71
Bromoform
Concen: 72.609 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.7
254	0.0	0.0	0.0

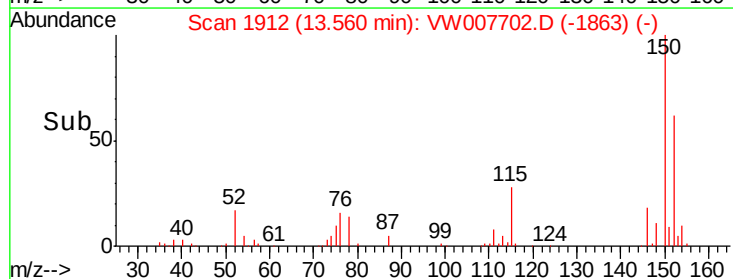
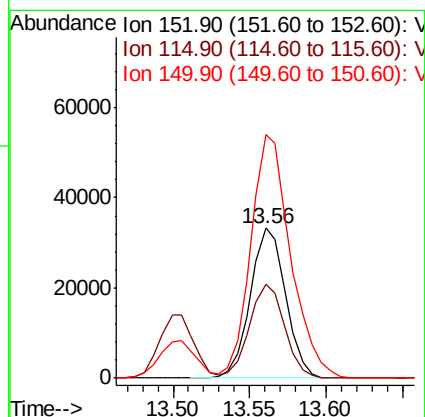
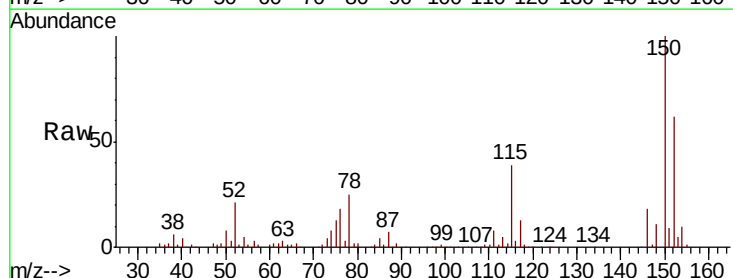
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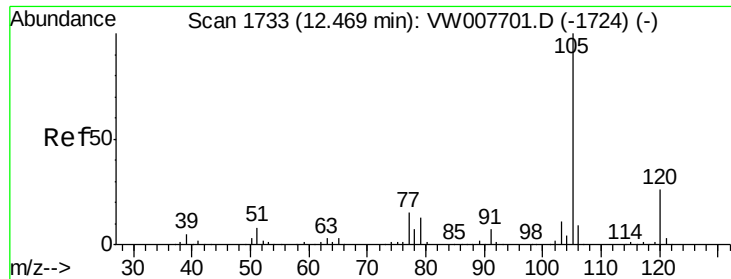
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.8	95.4
150	182.1	0.0	350.8





#73

Isopropylbenzene

Concen: 72.749 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 105 Resp: 293629

Ion Ratio Lower Upper

105 100

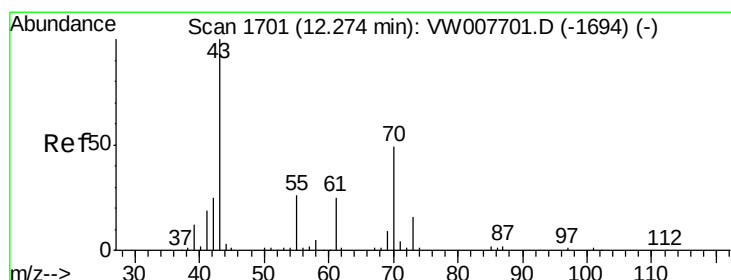
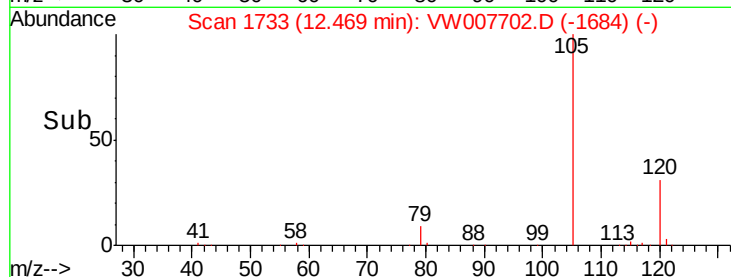
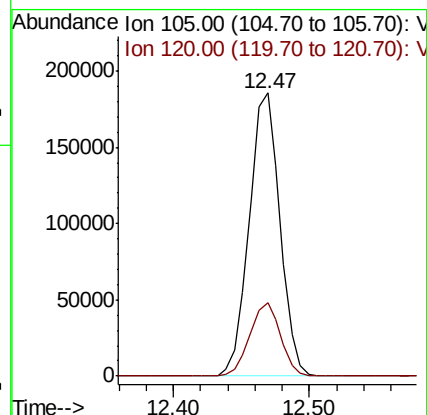
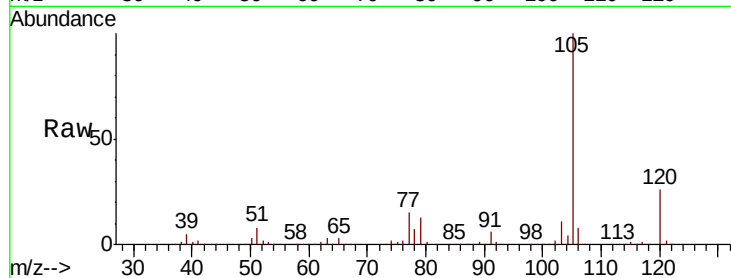
120 26.0 13.1 39.3

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#74

N-ethyl acetate

Concen: 73.786 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion: 43 Resp: 51586

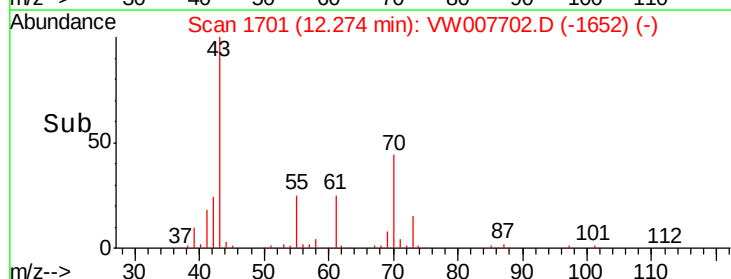
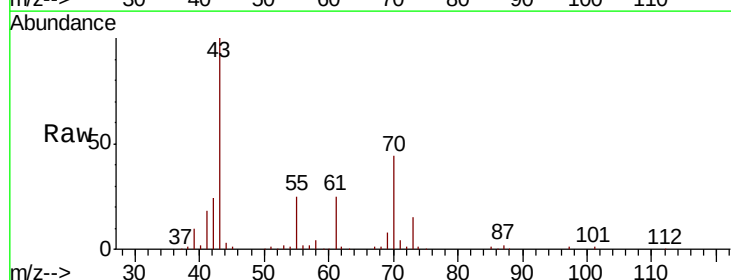
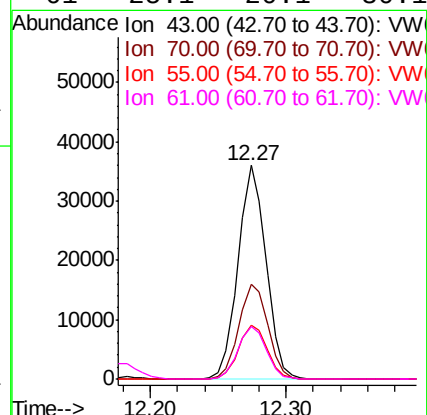
Ion Ratio Lower Upper

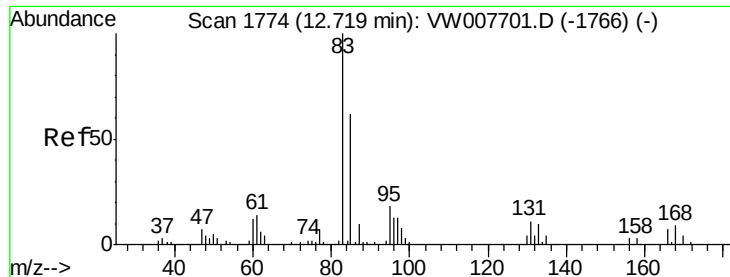
43 100

70 46.0 37.6 56.4

55 25.8 21.7 32.5

61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 71.873 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

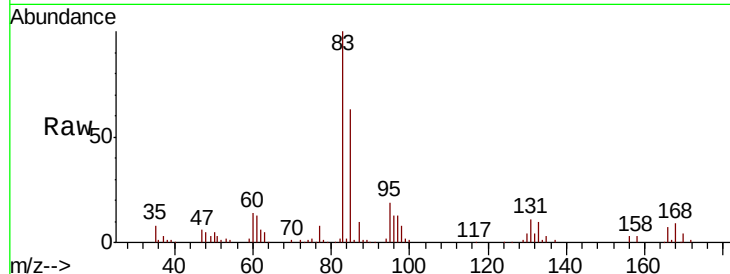
ClientSampleId :

VSTDIC075

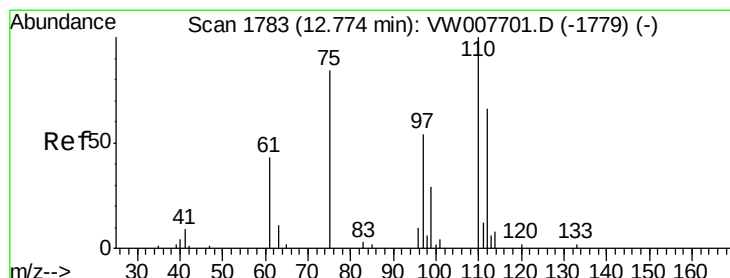
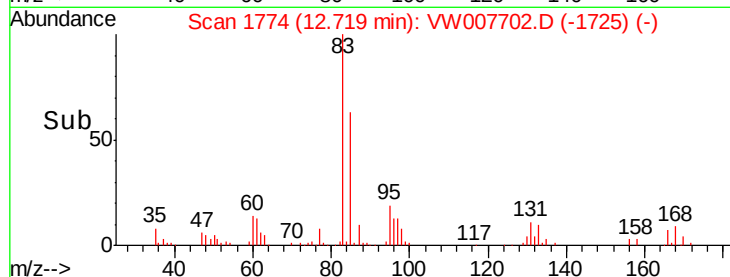
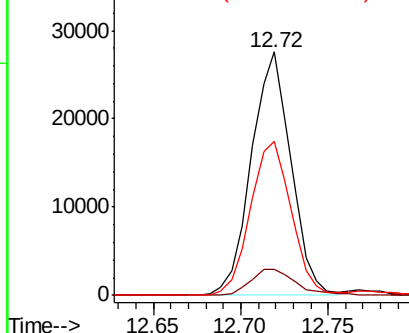
Tot Ion:	83	Resp:	43495
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.3	18.8
85	65.0	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 41.146 ug/l m

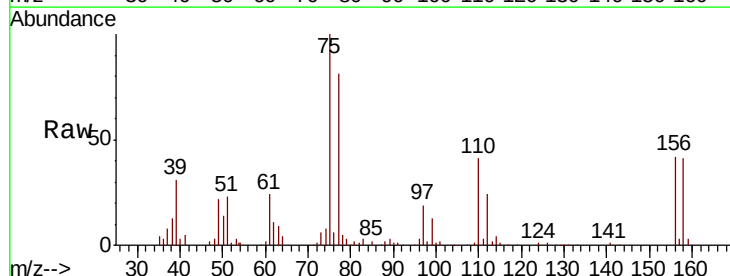
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

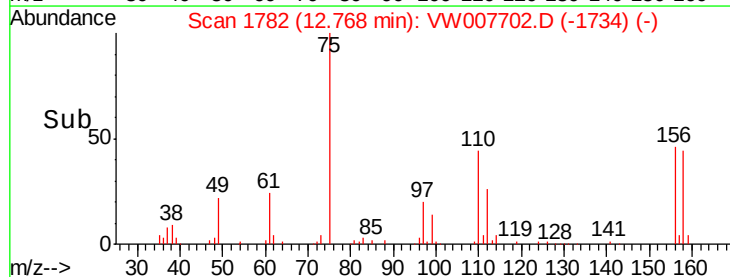
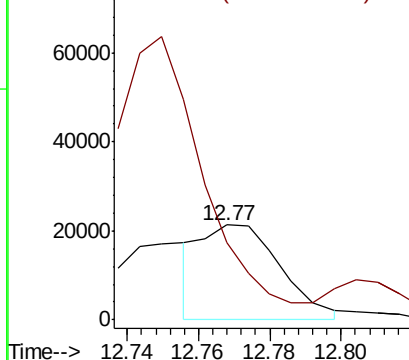
Lab File: VW007702.D

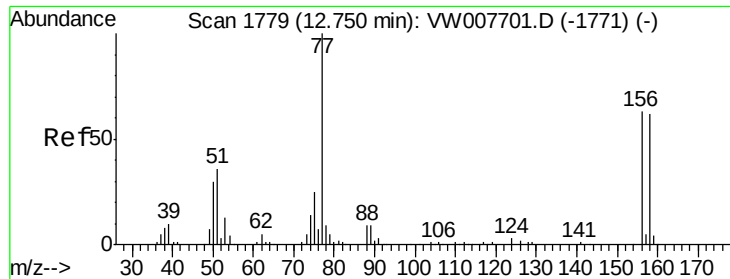
Acq: 19 Dec 2018 15:19

Tgt Ion:	75	Resp:	33260
Ion Ratio	Lower	Upper	
75	100		
77	346.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 70.271 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

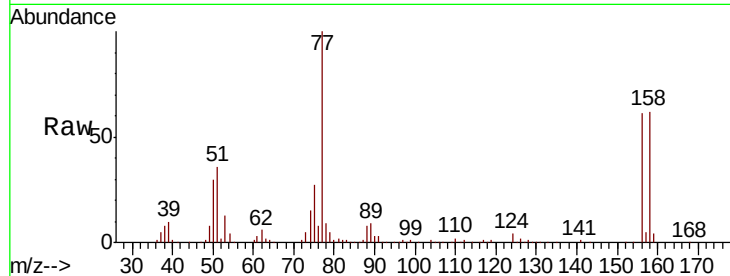
ClientSampleId :

VSTDIC075

Tot Ion	156	Resp	65001
Ion	Ratio	Lower	Upper
156	100		
77	177.2	87.4	262.1
158	99.7	48.4	145.0

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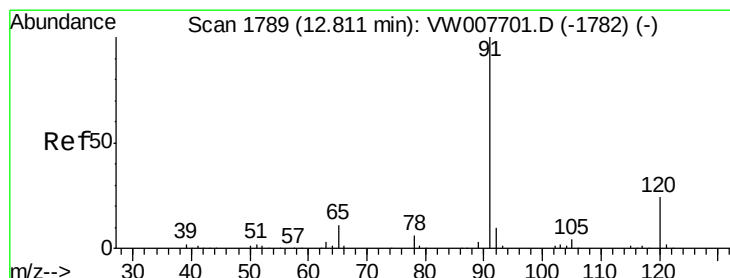
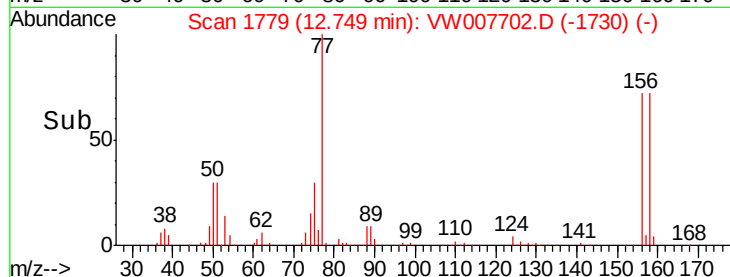
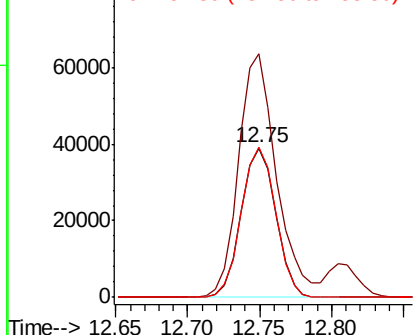


Abundance

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: 72.158 ug/l

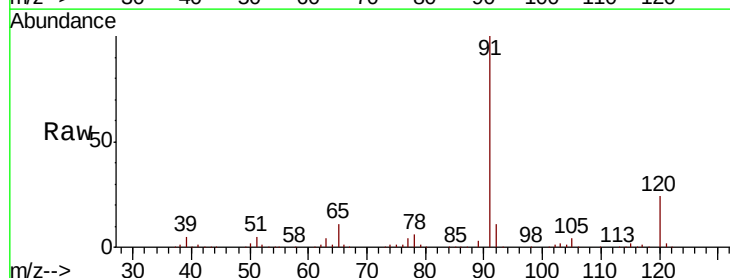
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

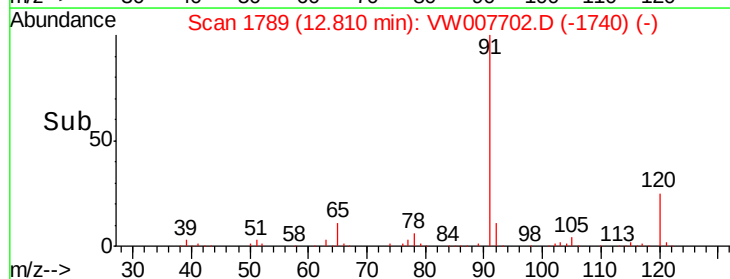
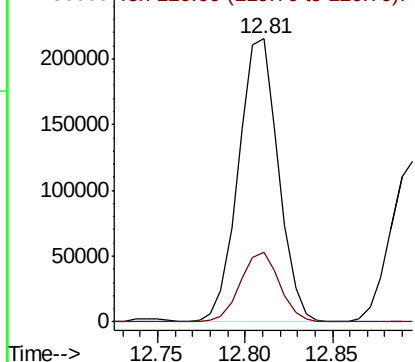
Tgt Ion	91	Resp	339030
Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.7

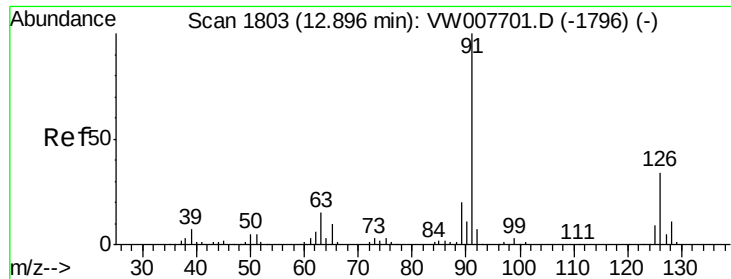


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





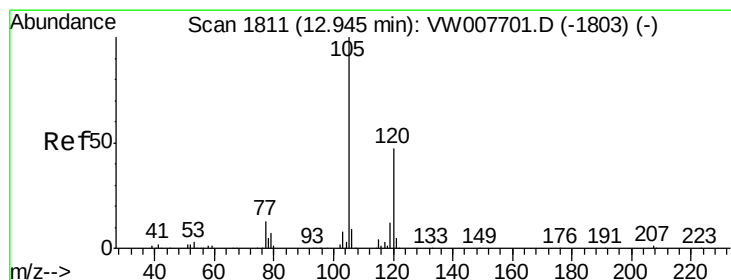
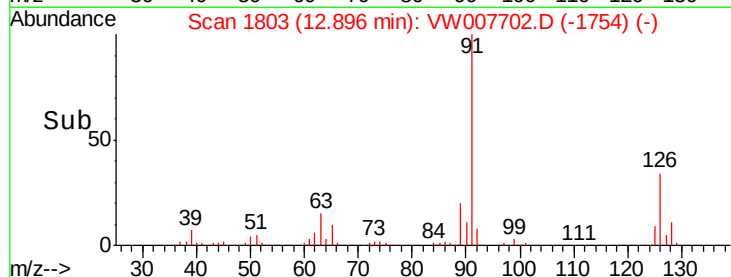
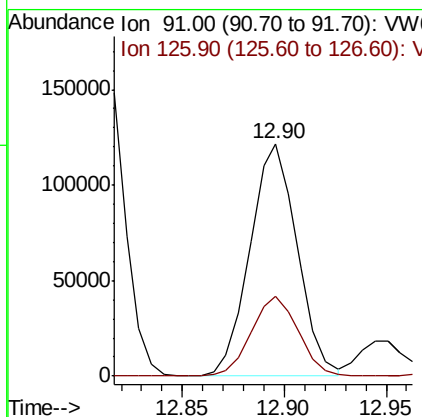
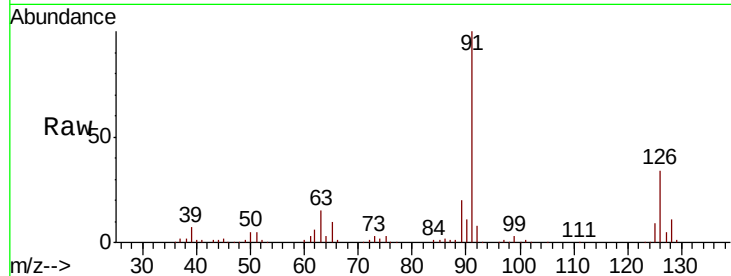
#79
 2-Chlorotoluene
 Concen: 71.528 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 91 Resp: 195776
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0

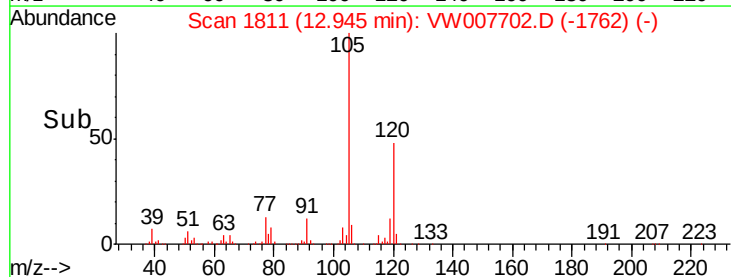
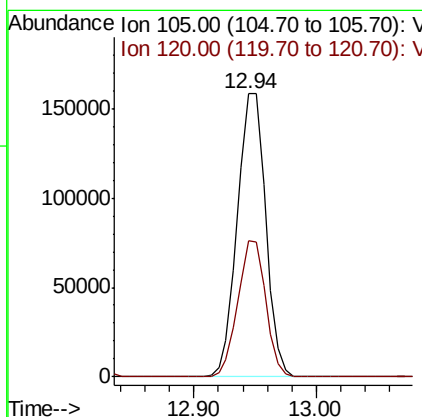
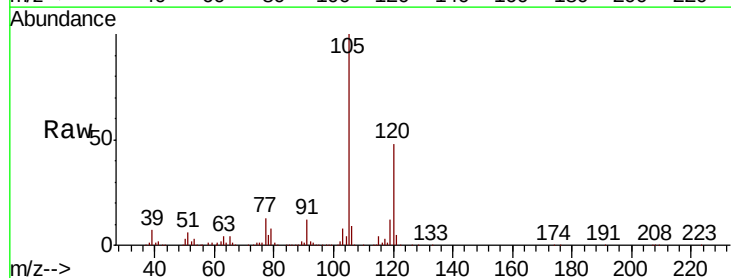
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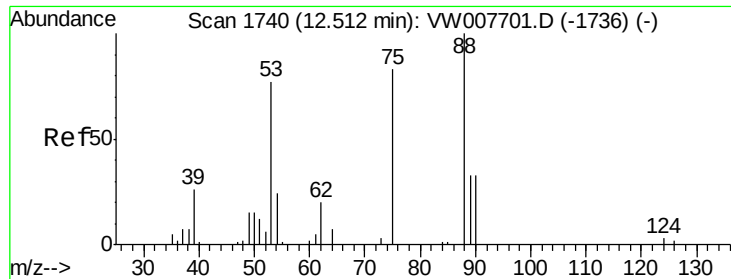
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#80
 1,3,5-Trimethylbenzene
 Concen: 73.195 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion: 105 Resp: 254830
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8





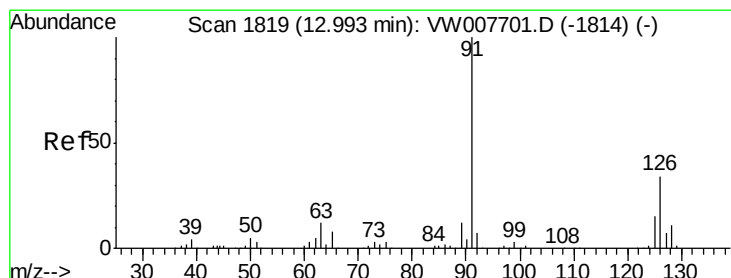
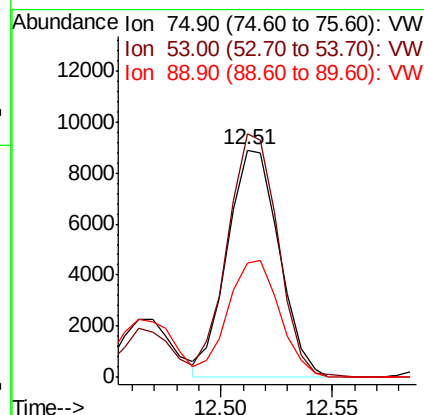
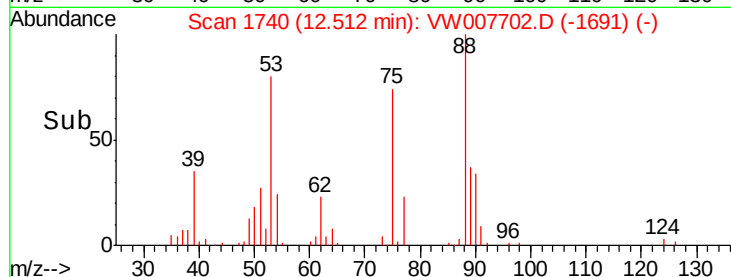
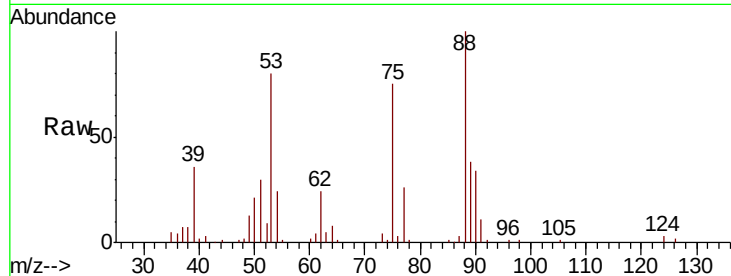
#81
trans-1,4-Dichloro-2-butene
Concen: 73.046 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	80.2	120.2
89	51.9	39.2	58.8

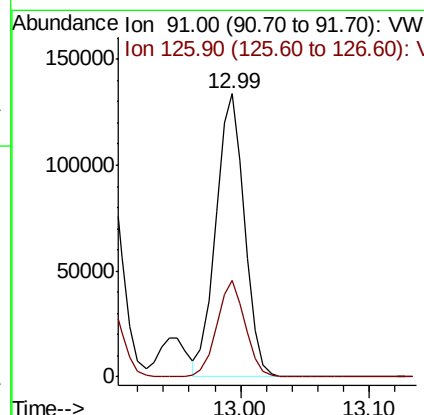
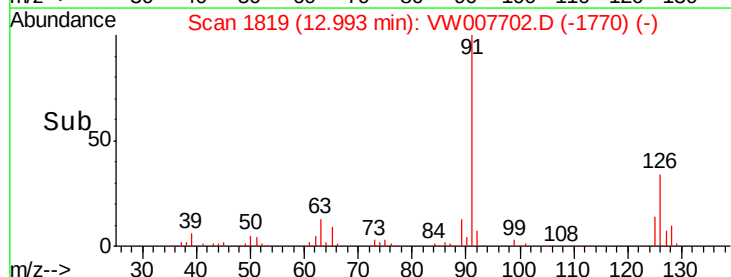
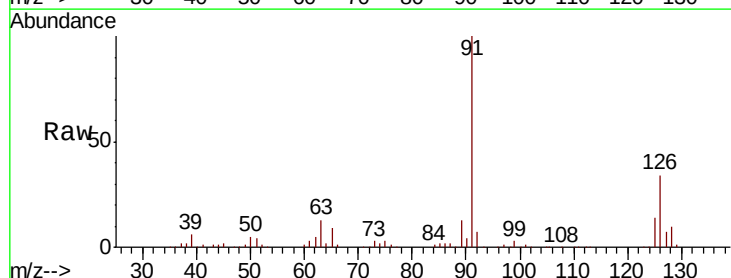
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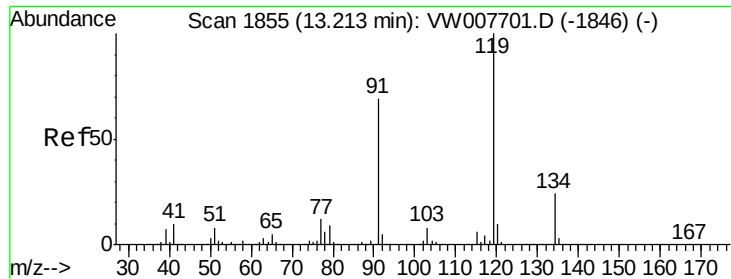
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#82
4-Chlorotoluene
Concen: 71.502 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.5	49.5





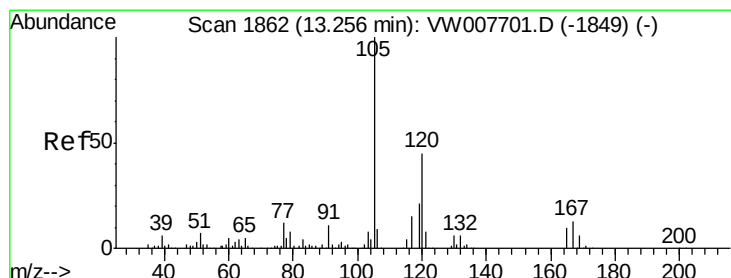
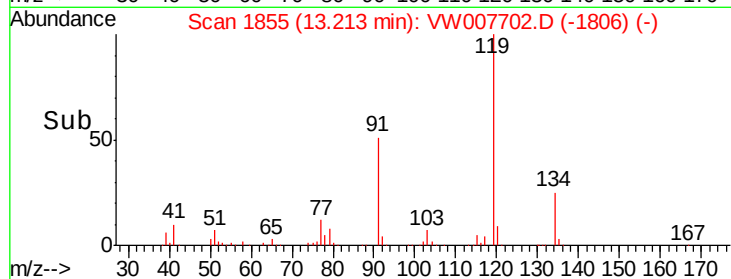
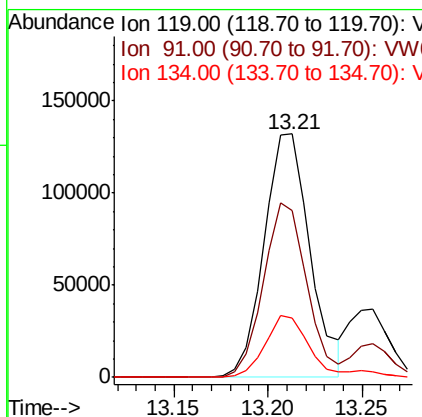
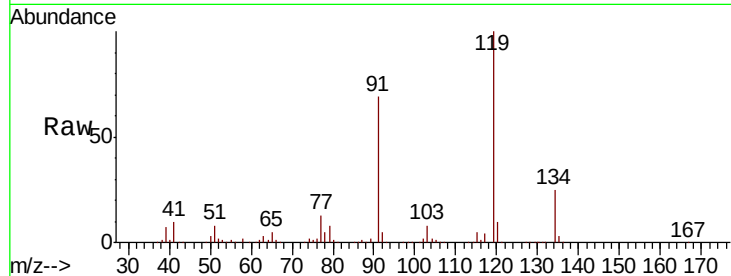
#83
tert-Butylbenzene
Concen: 73.248 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223755		
91	67.6	34.2	102.5	
134	25.7	12.8	38.4	

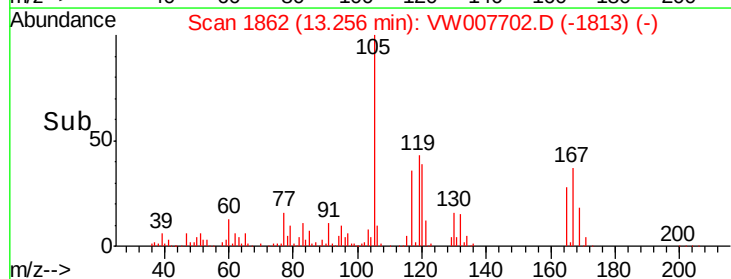
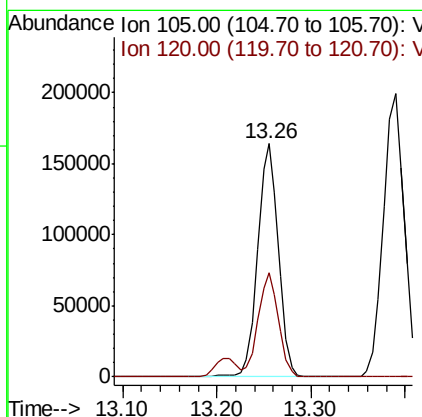
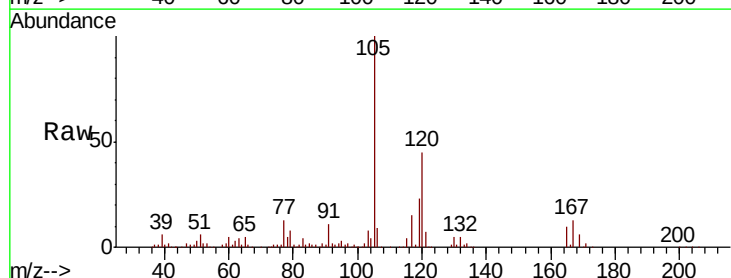
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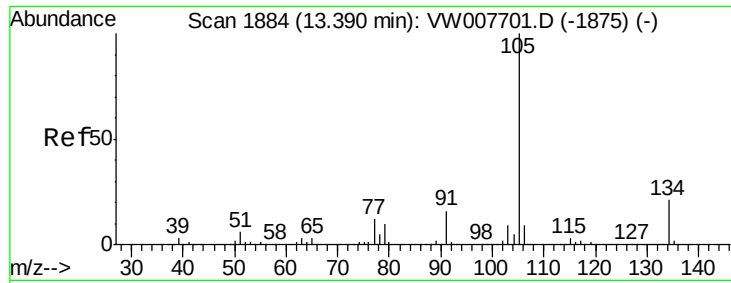
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#84
1,2,4-Trimethylbenzene
Concen: 72.241 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253788		
120	44.0	22.0	66.0	





#85

sec-Butylbenzene

Concen: 72.992 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 307298

Ion Ratio Lower Upper

105 100

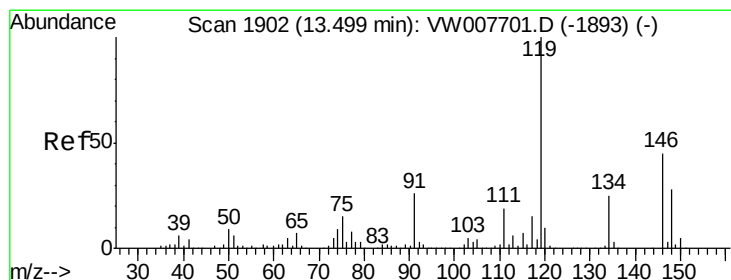
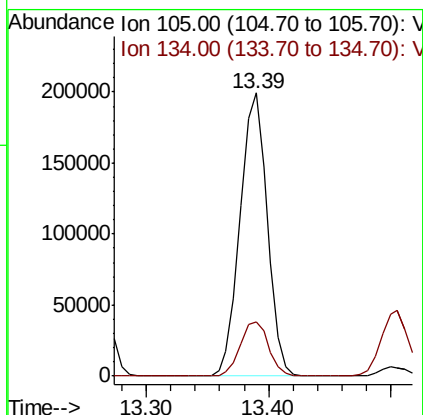
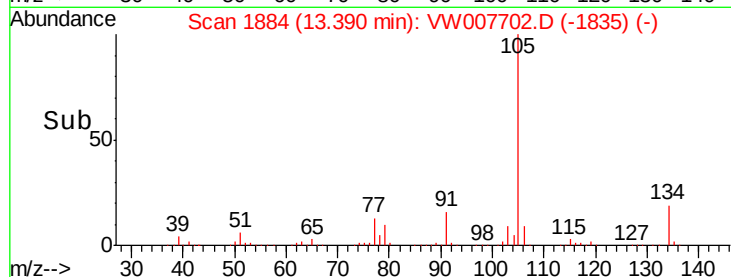
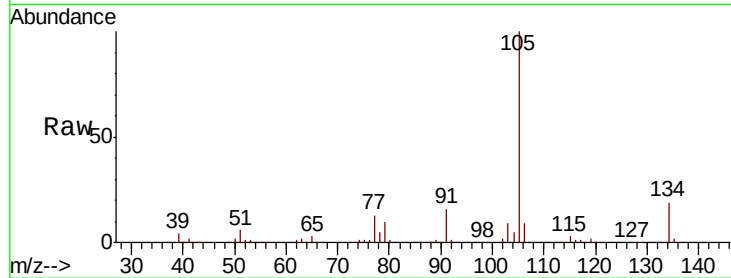
134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 71.928 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

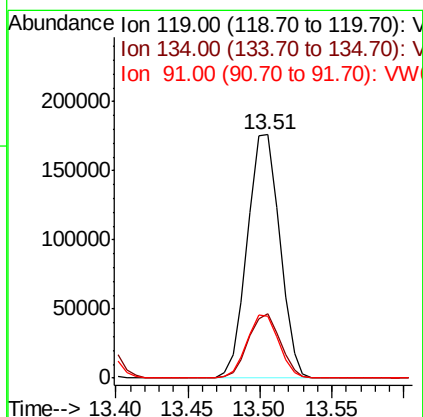
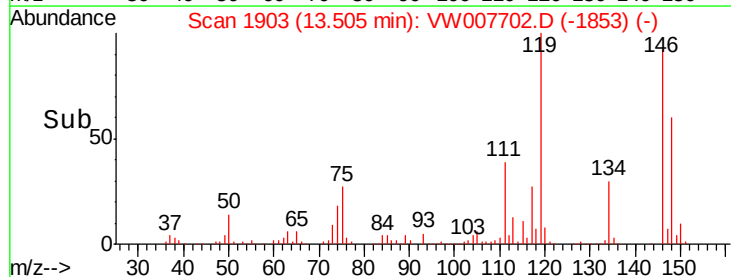
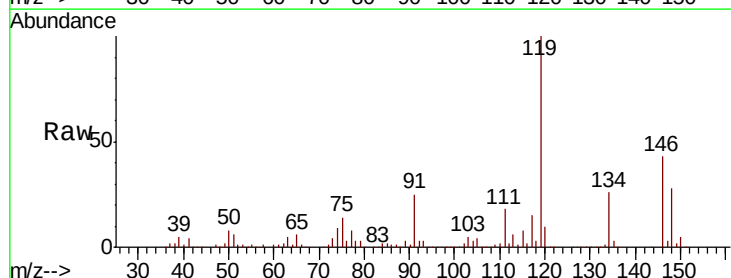
Tgt Ion:119 Resp: 275359

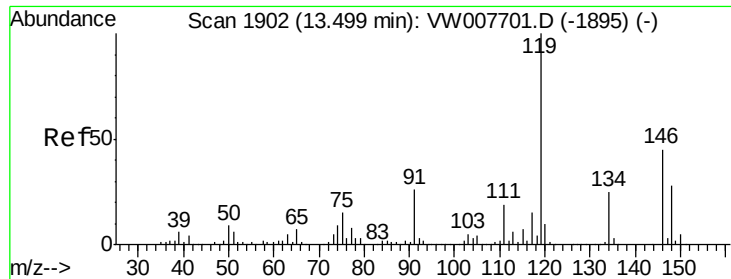
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 25.4 12.8 38.4





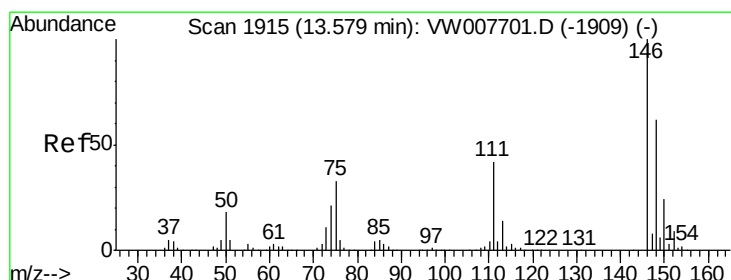
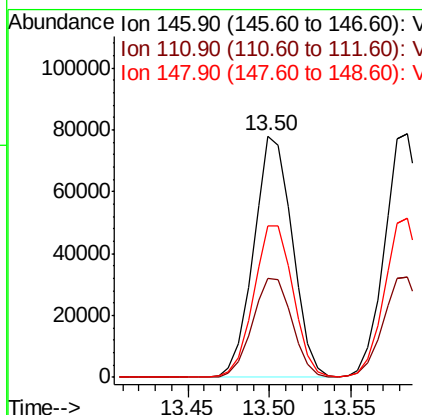
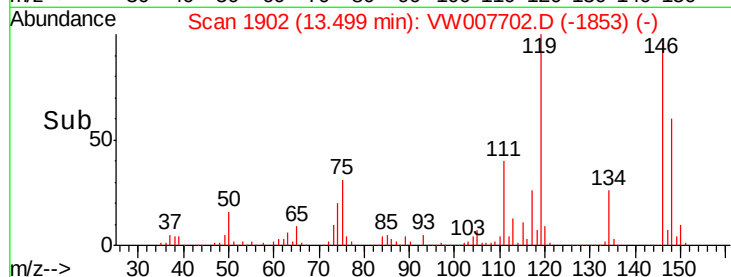
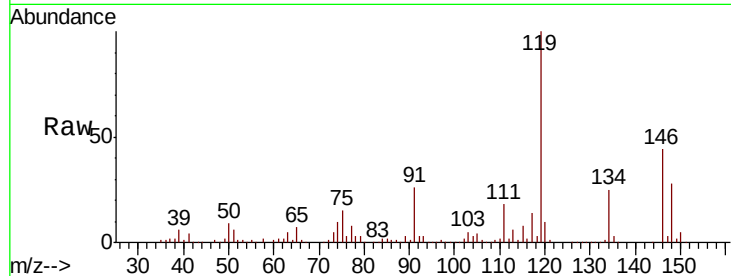
#87
 1,3-Dichlorobenzene
 Concen: 69.998 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128557		
111	41.9	21.1	63.4	
148	64.2	32.1	96.5	

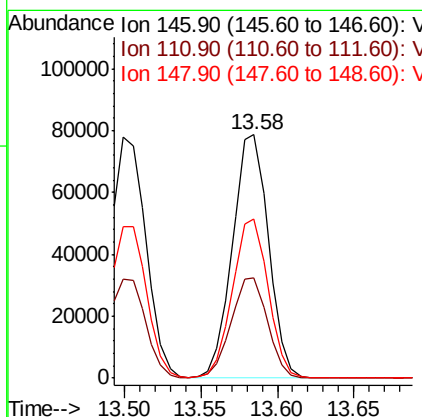
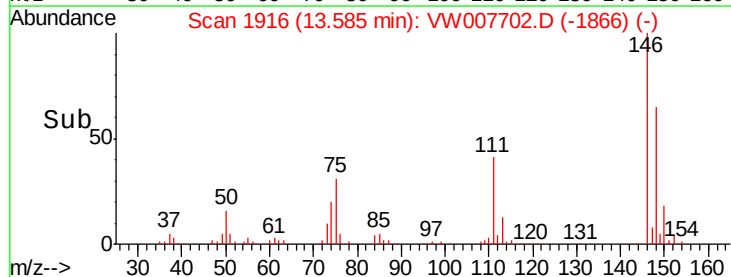
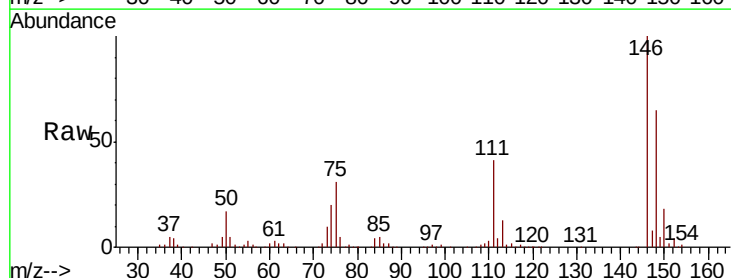
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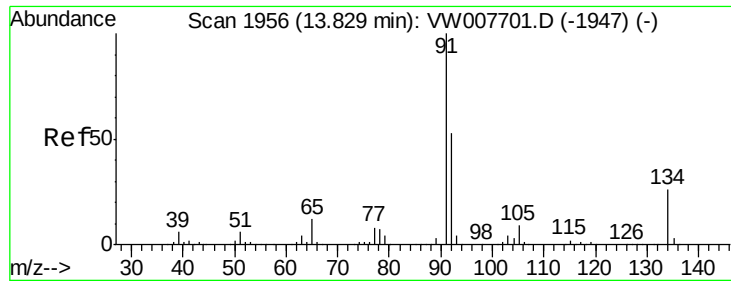
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#88
 1,4-Dichlorobenzene
 Concen: 70.045 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128680		
111	41.7	21.0	63.0	
148	64.7	31.8	95.4	





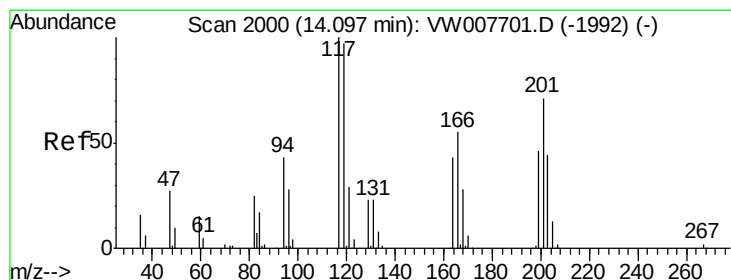
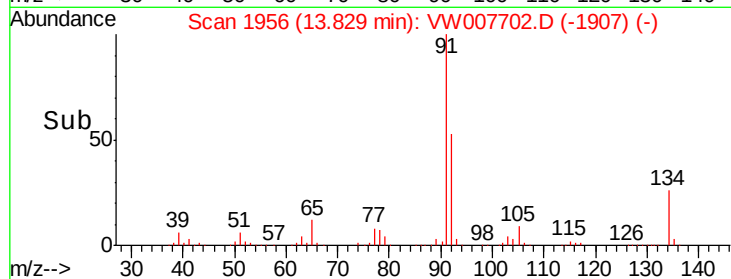
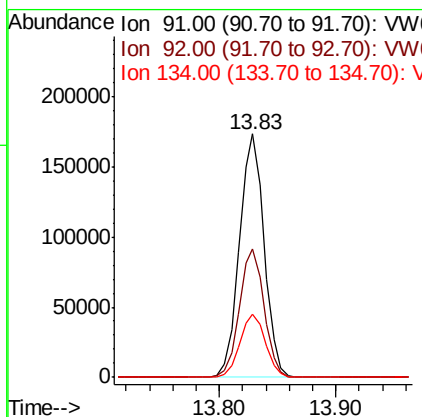
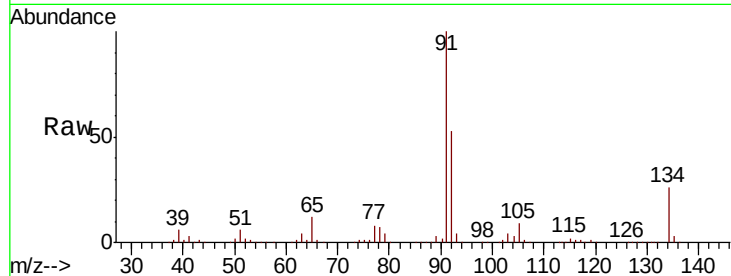
#89
n-Butylbenzene
Concen: 72.777 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	27.0	13.7	41.0

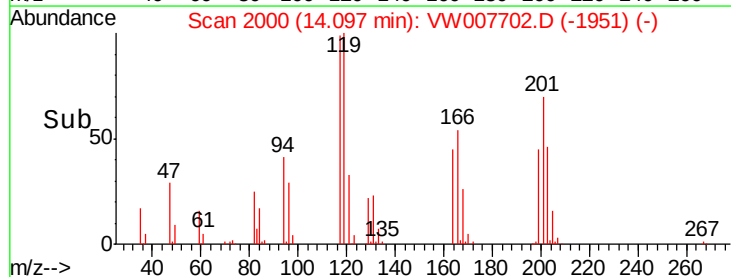
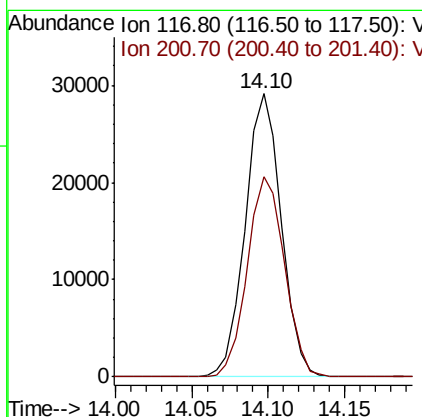
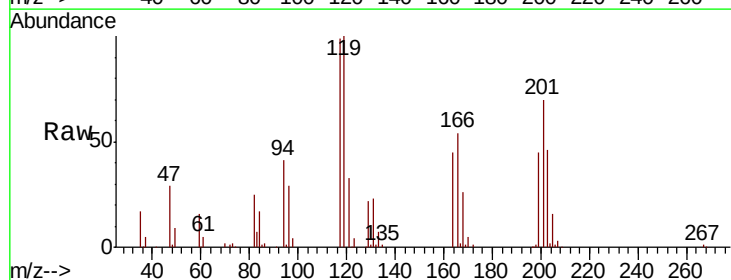
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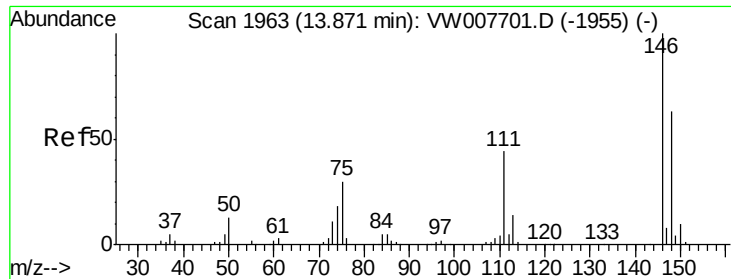
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#90
Hexachloroethane
Concen: 70.986 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007702.D
Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	36.2	108.6





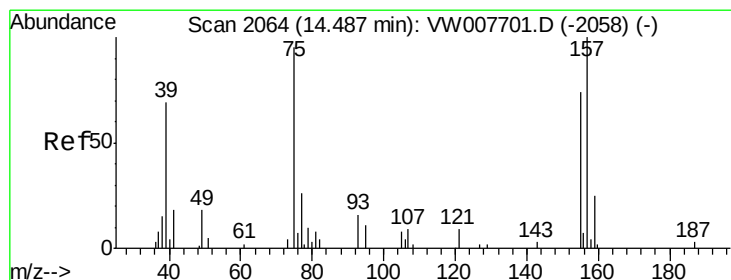
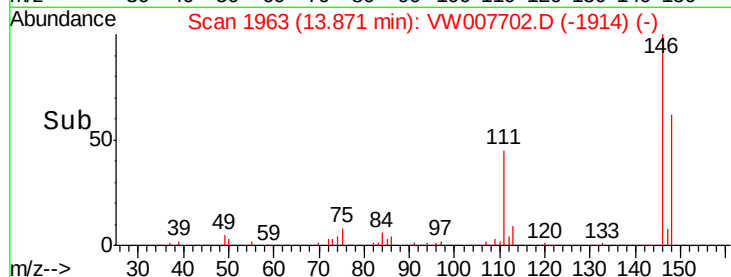
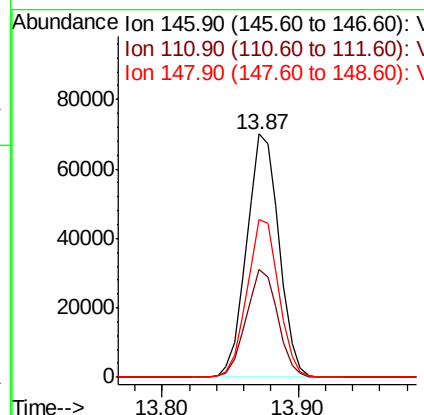
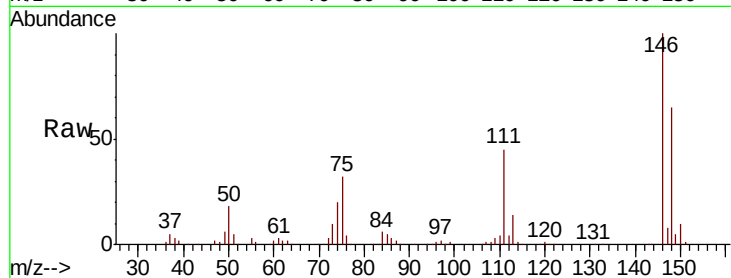
#91
 1,2-Dichlorobenzene
 Concen: 70.911 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.6	32.1	96.5

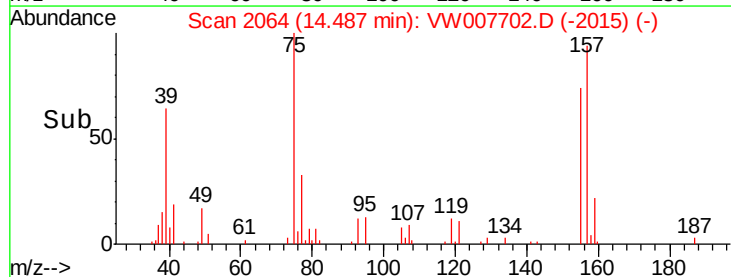
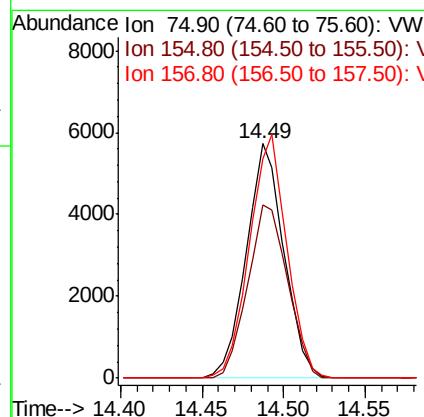
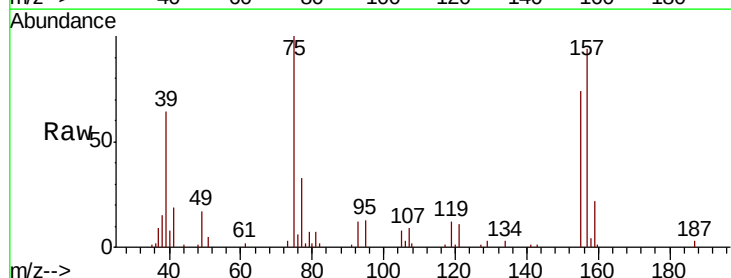
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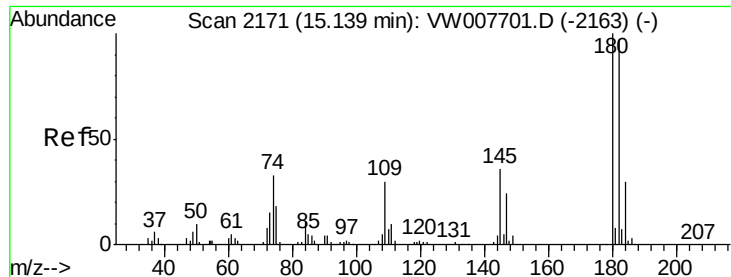
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.011 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	39.4	118.1
157	102.6	52.0	156.0





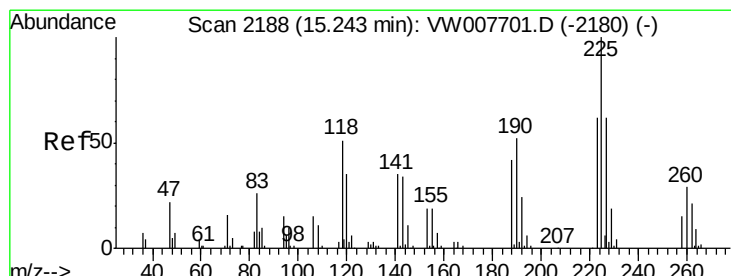
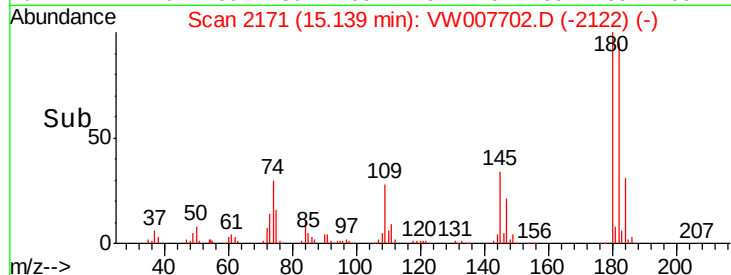
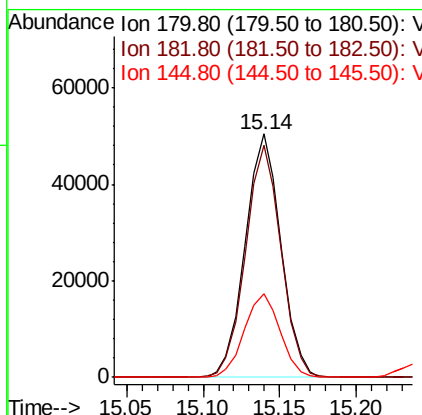
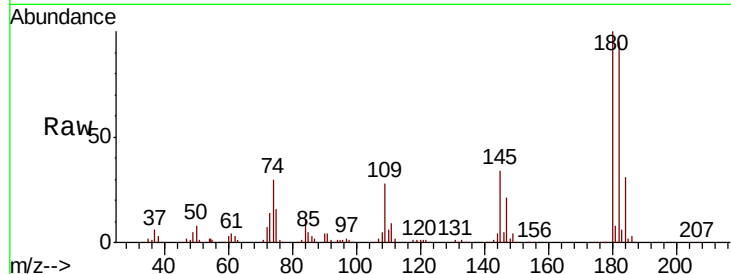
#93
 1,2,4-Trichlorobenzene
 Concen: 71.471 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81579		
182	94.6		47.5	142.6
145	34.5		17.5	52.5

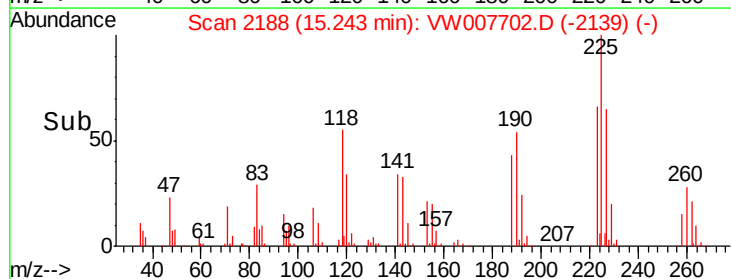
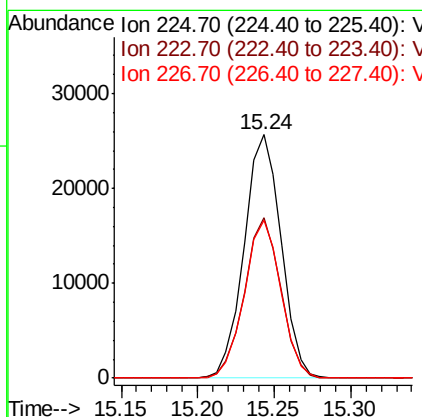
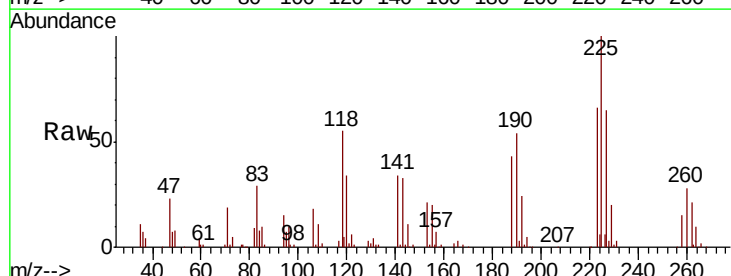
Manual Integrations
 APPROVED

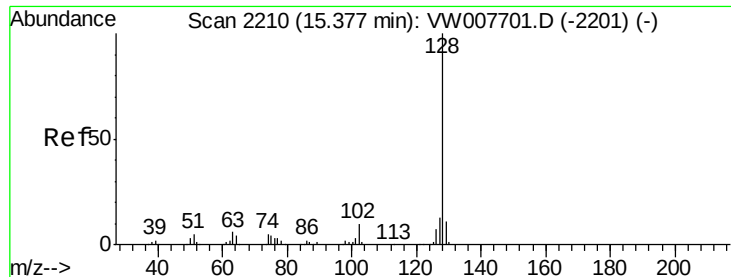
apatel
 12/20/2018 11:19:42 AM



#94
 Hexachlorobutadiene
 Concen: 70.669 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007702.D
 Acq: 19 Dec 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43108		
223	64.7		31.6	94.8
227	64.1		32.1	96.3





#95

Naphthalene

Concen: 73.635 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Instrument :

MSVOA_W

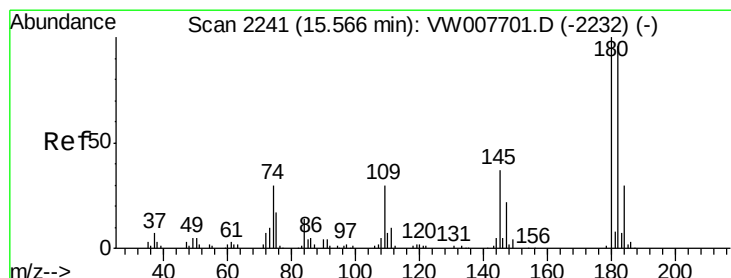
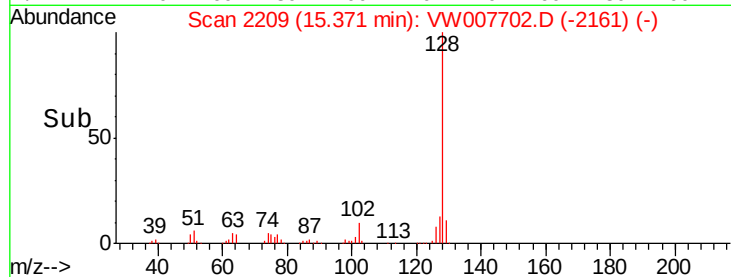
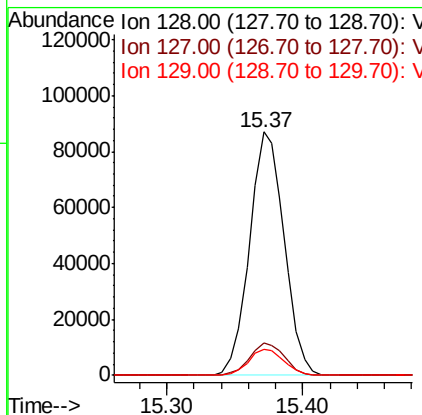
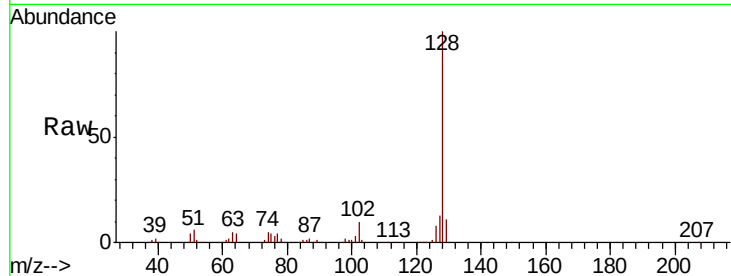
ClientSampleId :

VSTDIC075

Tot Ion:	128	Resp:	155392
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 71.619 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007702.D

Acq: 19 Dec 2018 15:19

Tgt Ion:	180	Resp:	69976
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.4	142.2
145	36.1	18.4	55.0

