

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006803.D
 Acq On : 12 Nov 2018 12:25
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 11/13/2018 11:53:30 AM

Quant Time: Nov 12 14:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	318088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13281	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	
35) Dibromofluoromethane	7.88	113	13831	5.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.78%	
50) Toluene-d8	10.33	98	56069	5.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.36%	
62) 4-Bromofluorobenzene	12.62	95	20386	5.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	11828	4.573	ug/l	98
3) Chloromethane	2.21	50	14219	4.580	ug/l	99
4) Vinyl Chloride	2.36	62	15762	4.829	ug/l	94
5) Bromomethane	2.78	94	12247	5.566	ug/l	97
6) Chloroethane	2.92	64	11210	5.248	ug/l	92
7) Trichlorofluoromethane	3.26	101	21091	5.143	ug/l	94
8) Diethyl Ether	3.69	74	6286	5.269	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	15827	5.808	ug/l	98
10) Methyl Iodide	4.28	142	19111	5.048	ug/l	98
11) Tert butyl alcohol	5.22	59	3731m	24.316	ug/l	
12) 1,1-Dichloroethene	4.04	96	11905	5.239	ug/l	90
13) Acrolein	3.92	56	4317	27.015	ug/l	98
14) Allyl chloride	4.68	41	15602	5.093	ug/l	96
15) Acrylonitrile	5.38	53	11044	23.126	ug/l	99
16) Acetone	4.16	43	8970	26.582	ug/l	95
17) Carbon Disulfide	4.38	76	35825	4.779	ug/l	100
18) Methyl Acetate	4.68	43	6453	5.449	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	26449	4.752	ug/l	99
20) Methylene Chloride	4.93	84	28961	8.877	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	14627	5.382	ug/l	98
22) Diisopropyl ether	6.32	45	30010	4.649	ug/l	98
23) Vinyl Acetate	6.27	43	80010	21.732	ug/l	98
24) 1,1-Dichloroethane	6.21	63	21847	5.173	ug/l	97
25) 2-Butanone	7.19	43	14225	25.531	ug/l	98
26) 2,2-Dichloropropane	7.17	77	25385	6.309	ug/l	94
27) cis-1,2-Dichloroethene	7.18	96	14931	5.127	ug/l	94
28) Bromochloromethane	7.52	49	8175	5.168	ug/l	98
29) Tetrahydrofuran	7.54	42	8674	23.752	ug/l	97
30) Chloroform	7.68	83	24446	5.224	ug/l	99
31) Cyclohexane	7.96	56	25625	5.892	ug/l #	77
32) 1,1,1-Trichloroethane	7.88	97	23859	5.373	ug/l	98
36) 1,1-Dichloropropene	8.09	75	19905	5.320	ug/l	99
37) Ethyl Acetate	7.26	43	6164	4.639	ug/l #	94
38) Carbon Tetrachloride	8.07	117	22628	5.661	ug/l	96

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Manual Integrations
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Quant Time: Nov 12 14:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24909	5.229	ug/l	96
40) Benzene	8.33	78	54201	5.131	ug/l	98
41) Methacrylonitrile	7.49	41	3758	4.875	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14960	5.202	ug/l	99
43) Isopropyl Acetate	8.43	43	10986	4.411	ug/l	94
44) Trichloroethene	9.10	130	17948	5.526	ug/l	98
45) 1,2-Dichloropropane	9.37	63	12746	5.137	ug/l	96
46) Dibromomethane	9.46	93	7157	5.138	ug/l	99
47) Bromodichloromethane	9.65	83	17619	5.212	ug/l	98
48) Methyl methacrylate	9.44	41	5815	4.957	ug/l	95
49) 1,4-Dioxane	9.48	88	2123	101.799	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	28047	21.918	ug/l	100
52) Toluene	10.39	92	37478	5.046	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15554	4.745	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	19046	4.901	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	10154	4.948	ug/l	96
56) Ethyl methacrylate	10.65	69	9372	4.136	ug/l	90
57) 1,3-Dichloropropane	10.93	76	15874	4.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	26181	23.199	ug/l	97
59) 2-Hexanone	10.98	43	17952	20.700	ug/l	96
60) Dibromochloromethane	11.13	129	11575	4.692	ug/l	100
61) 1,2-Dibromoethane	11.24	107	9392	4.757	ug/l	99
64) Tetrachloroethene	10.87	164	16619	5.497	ug/l	96
65) Chlorobenzene	11.66	112	44872	5.324	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	13841	5.127	ug/l	98
67) Ethyl Benzene	11.74	91	74528	5.257	ug/l	98
68) m/p-Xylenes	11.85	106	61131	10.571	ug/l	100
69) o-Xylene	12.17	106	28037	5.266	ug/l	99
70) Styrene	12.19	104	42722	4.937	ug/l	99
71) Bromoform	12.35	173	6992	4.675	ug/l #	98
73) Isopropylbenzene	12.47	105	76076	5.264	ug/l	99
74) N-amyl acetate	12.27	43	10253	4.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10360	4.812	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	7811m	4.769	ug/l	
77) Bromobenzene	12.75	156	19970	5.344	ug/l	95
78) n-propylbenzene	12.81	91	92314	5.376	ug/l	99
79) 2-Chlorotoluene	12.90	91	51581	5.332	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	66013	5.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	2851	4.628	ug/l	94
82) 4-Chlorotoluene	12.99	91	56768	5.491	ug/l	99
83) tert-Butylbenzene	13.21	119	58769	5.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	67337	5.249	ug/l	99
85) sec-Butylbenzene	13.39	105	84510	5.458	ug/l	99
86) p-Isopropyltoluene	13.51	119	75492	5.345	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	42047	5.539	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	41797	5.528	ug/l	95
89) n-Butylbenzene	13.83	91	70083	5.376	ug/l	99
90) Hexachloroethane	14.10	117	11928	5.383	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	36464	5.491	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1775	5.106	ug/l	89

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MSVOA_W
ClientSampleId :
VSTDICC005

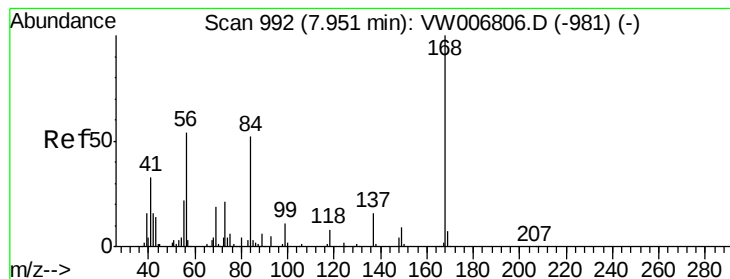
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27226	5.538	ug/l	98
94) Hexachlorobutadiene	15.24	225	17716	5.726	ug/l	99
95) Naphthalene	15.38	128	36298	4.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23945	5.631	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 168 Resp: 318088

Ion Ratio Lower Upper

168 100

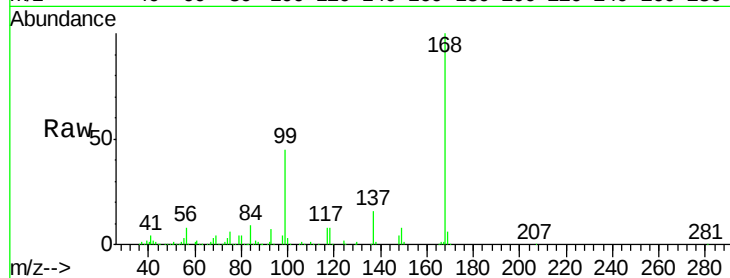
99 44.9 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

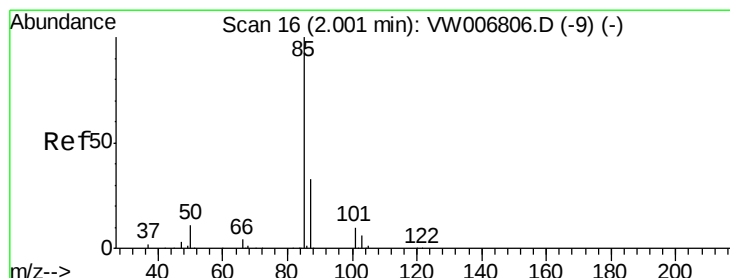
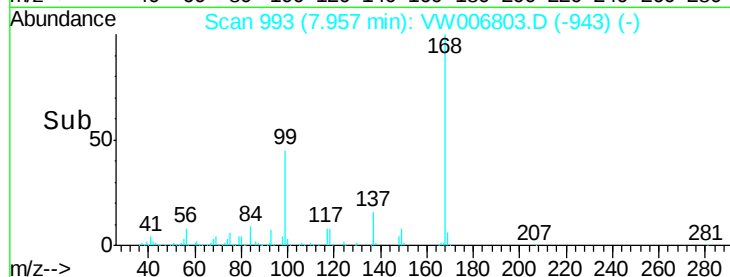
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.573 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006803.D

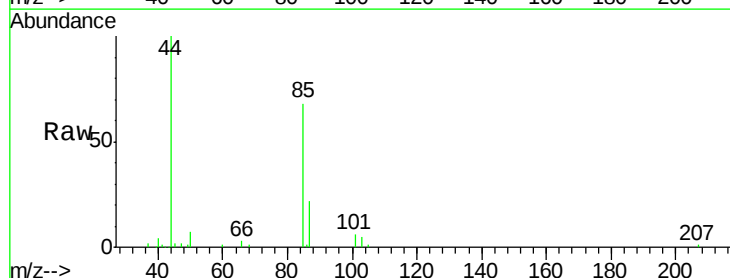
Acq: 12 Nov 2018 12:25

Tgt Ion: 85 Resp: 11828

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

6000

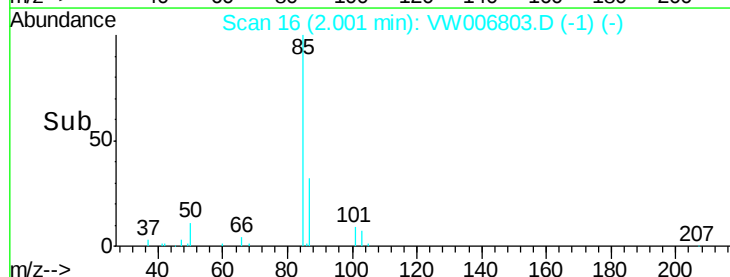
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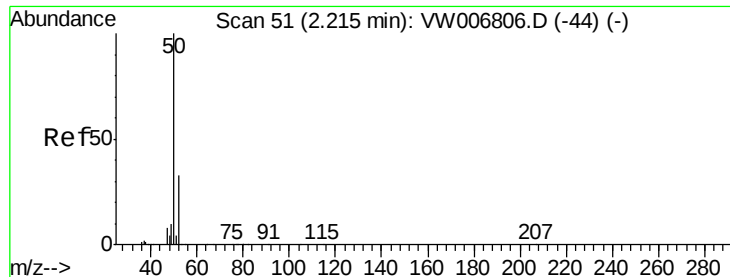
2000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 4.580 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 14219

Ion Ratio Lower Upper

50 100

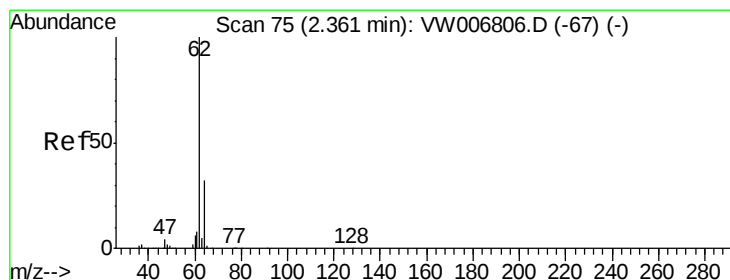
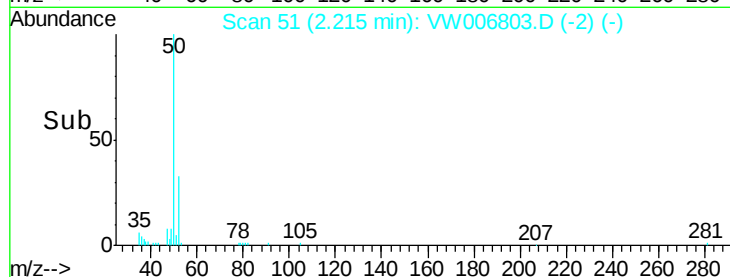
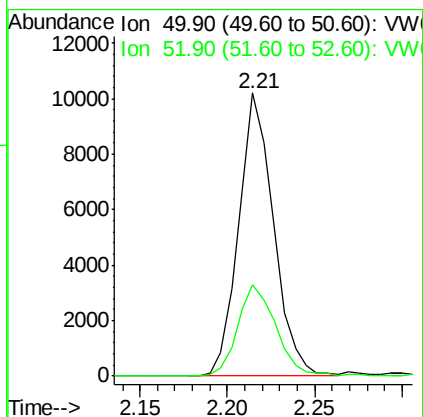
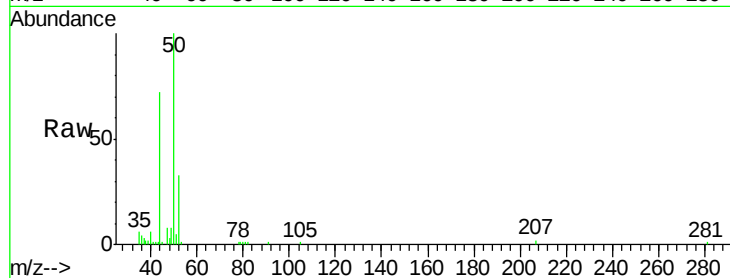
52 32.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 4.829 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006803.D

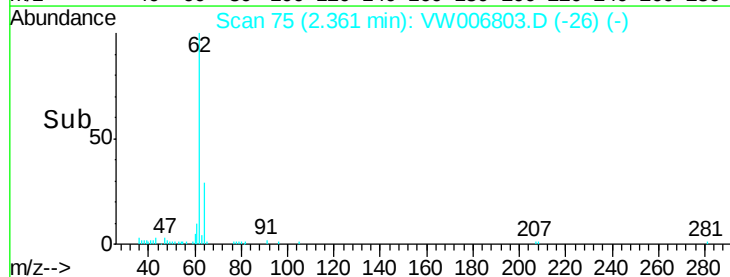
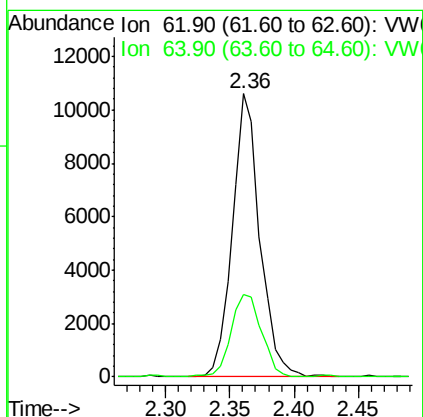
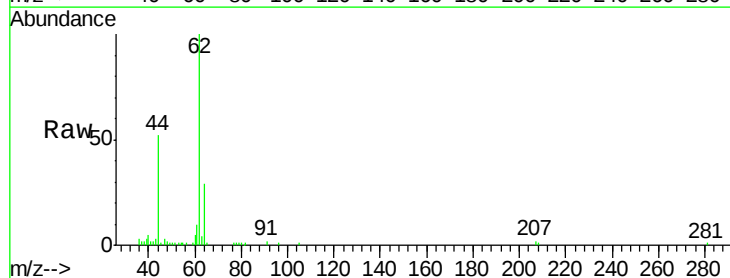
Acq: 12 Nov 2018 12:25

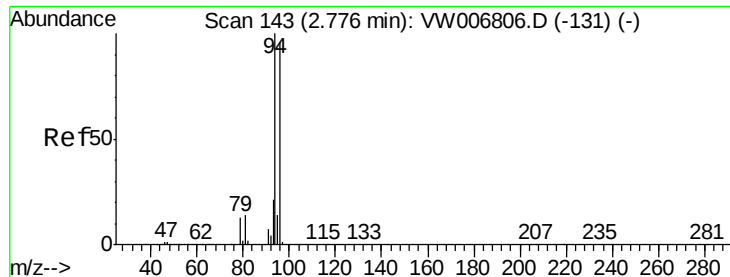
Tgt Ion: 62 Resp: 15762

Ion Ratio Lower Upper

62 100

64 28.9 25.6 38.4





#5

Bromomethane

Concen: 5.566 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 12247

Ion Ratio Lower Upper

94 100

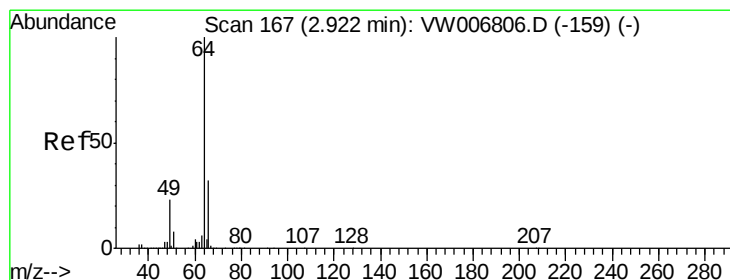
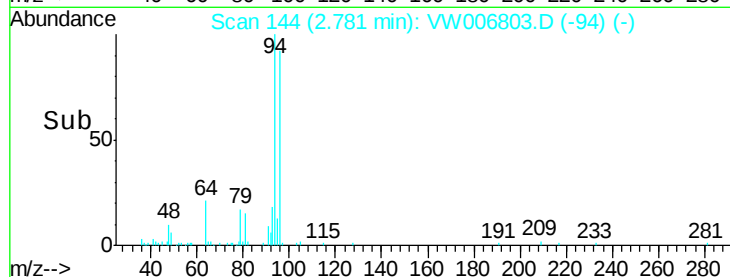
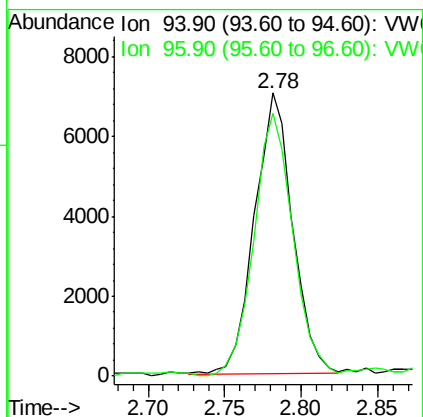
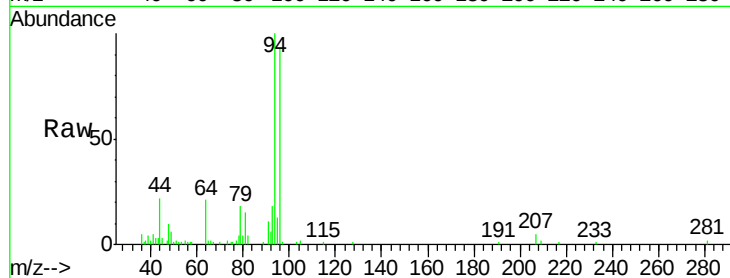
96 92.8 76.8 115.2

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#6

Chloroethane

Concen: 5.248 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006803.D

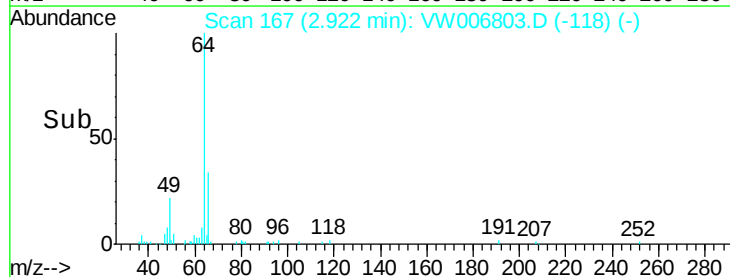
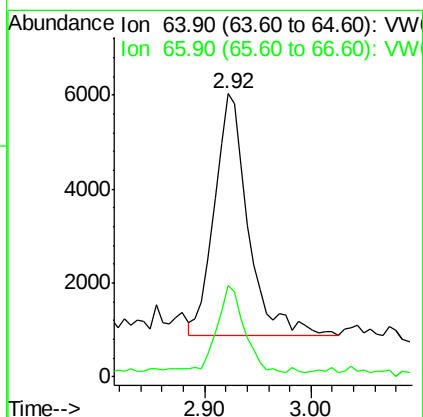
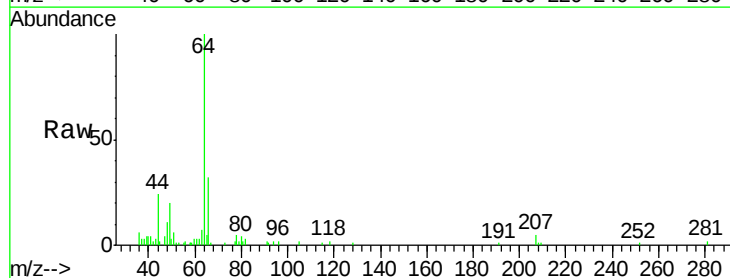
Acq: 12 Nov 2018 12:25

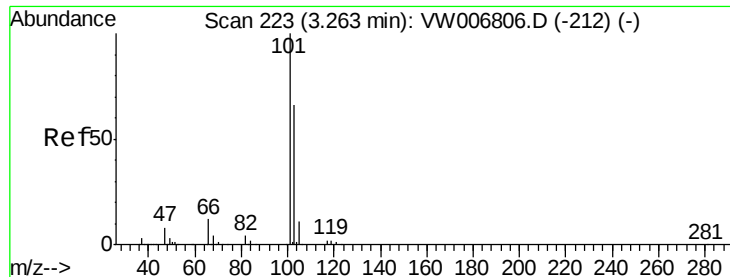
Tgt Ion: 64 Resp: 11210

Ion Ratio Lower Upper

64 100

66 36.3 25.5 38.3





#7

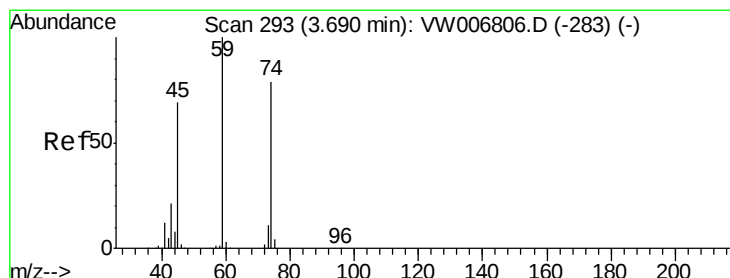
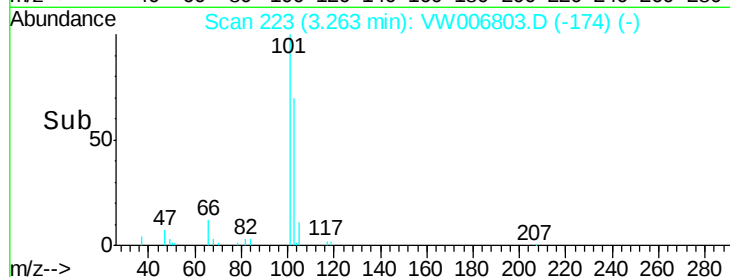
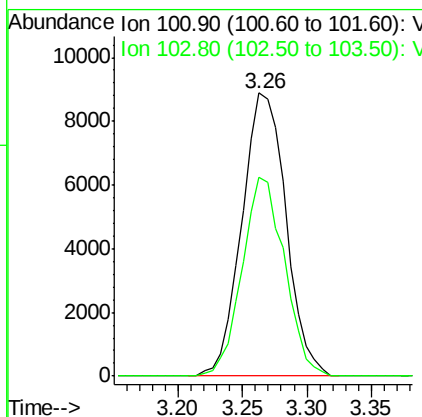
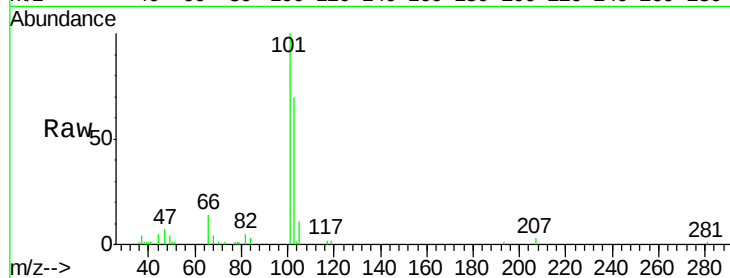
Trichlorofluoromethane
Concen: 5.143 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
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ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	70.2	52.6	79.0

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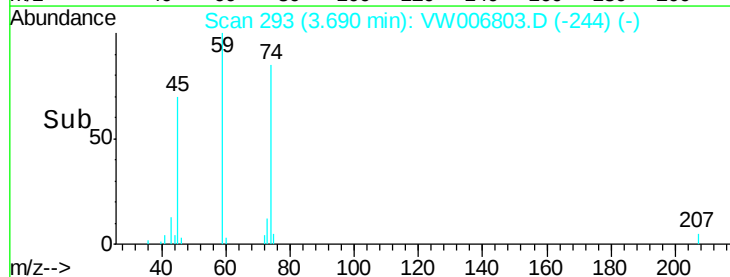
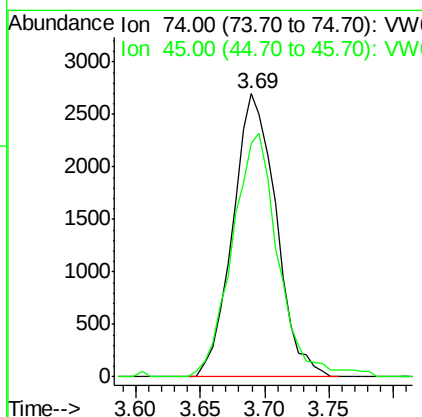
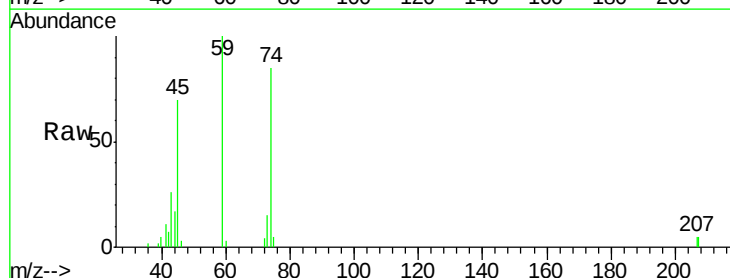
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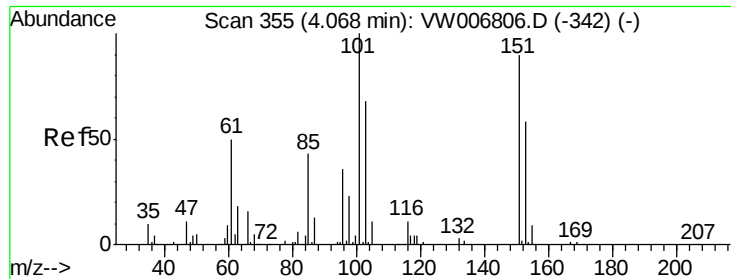


#8

Diethyl Ether
Concen: 5.269 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.808 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

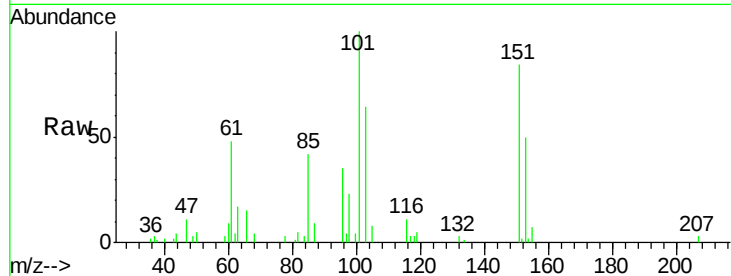
ClientSampleId :

VSTDIC005

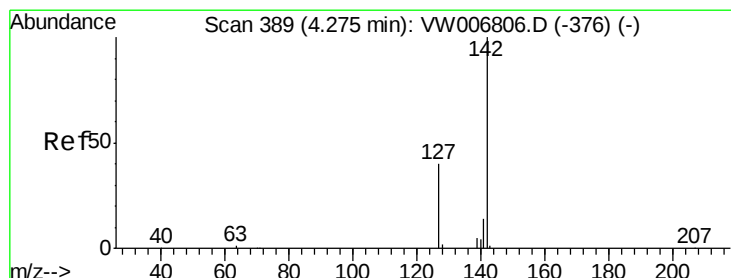
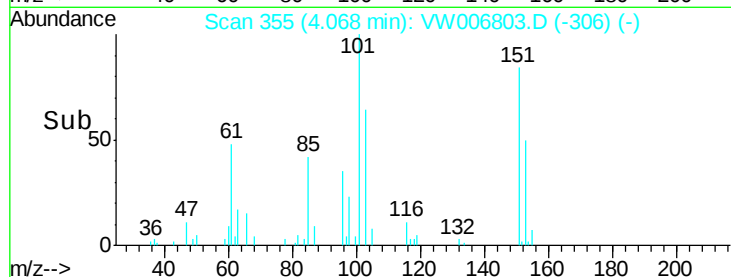
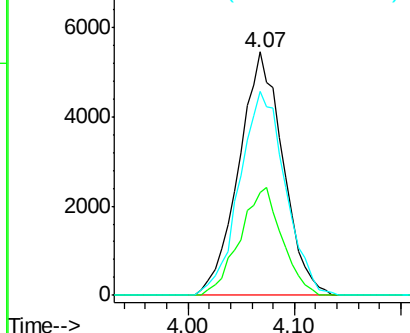
Tgt Ion:	101	Resp:	15827
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.8	50.8
151	87.0	71.4	107.0

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



#10

Methyl Iodide

Concen: 5.048 ug/l

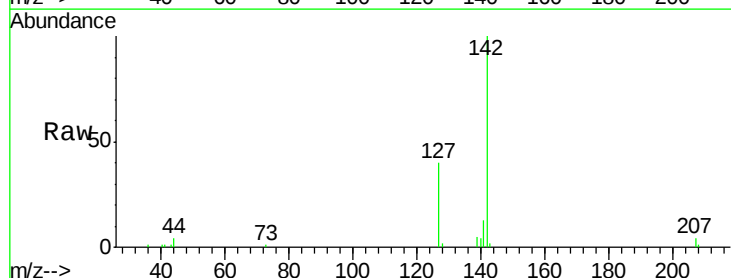
RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

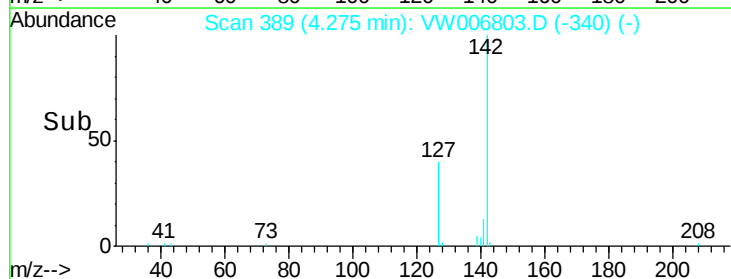
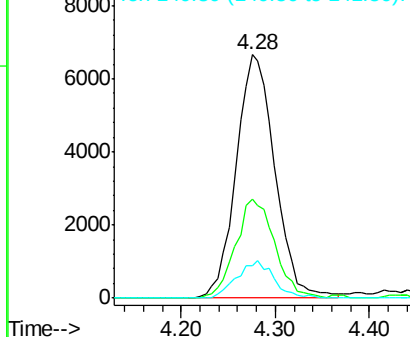
Lab File: VW006803.D

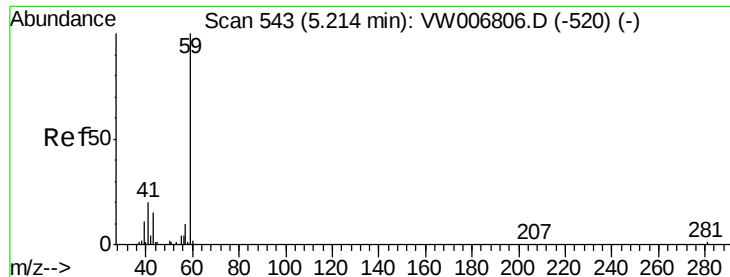
Acq: 12 Nov 2018 12:25

Tgt Ion:	142	Resp:	19111
Ion Ratio	Lower	Upper	
142	100		
127	41.0	31.8	47.8
141	14.8	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

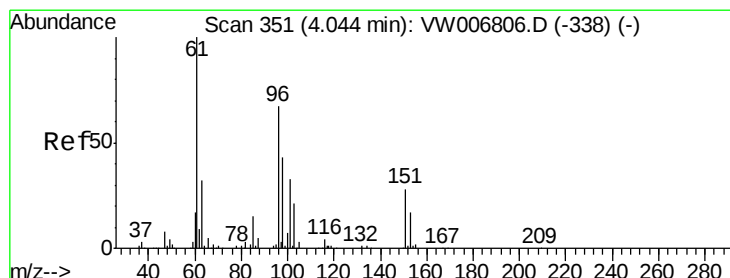
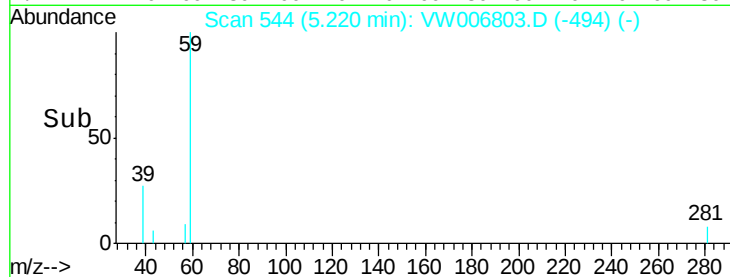
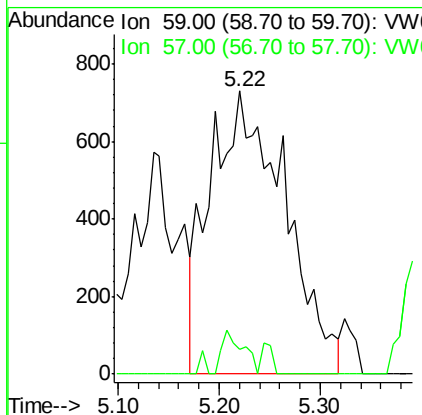
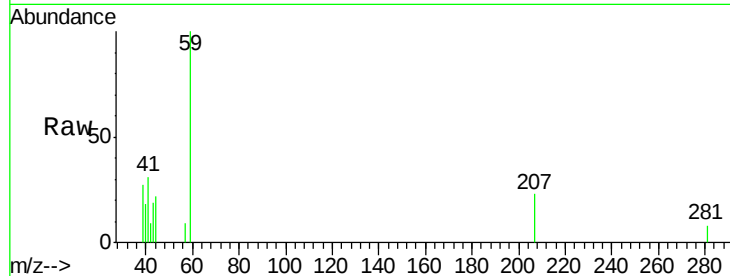
Tert butyl alcohol
Concen: 24.316 ug/l m
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3731
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

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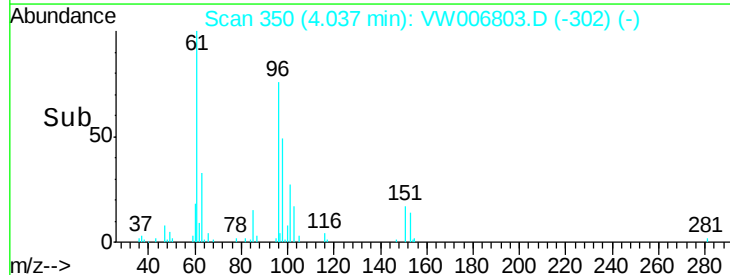
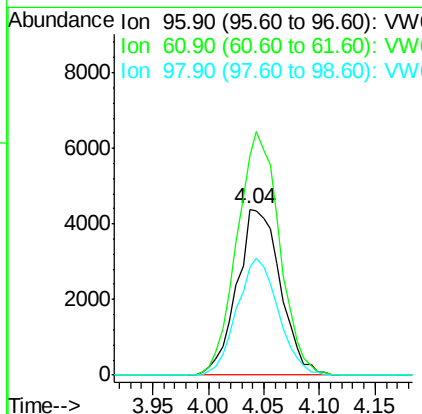
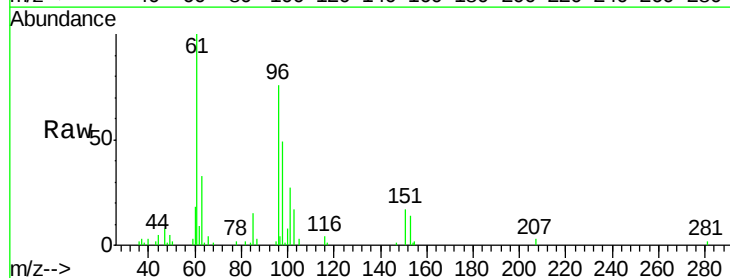
apatel
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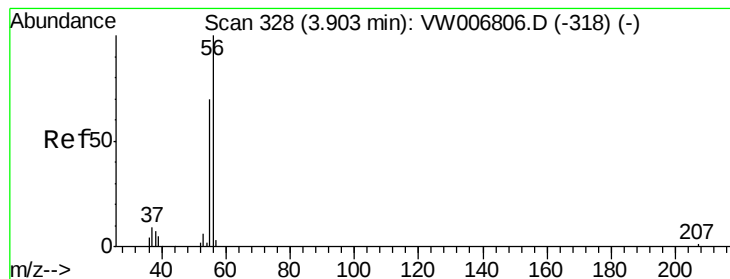


#12

1,1-Dichloroethene
Concen: 5.239 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 96 Resp: 11905
Ion Ratio Lower Upper
96 100
61 132.0 119.8 179.6
98 64.8 51.5 77.3





#13

Acrolein

Concen: 27.015 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 4317

Ion Ratio Lower Upper

56 100

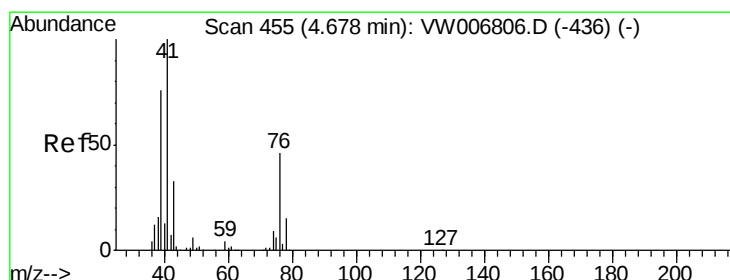
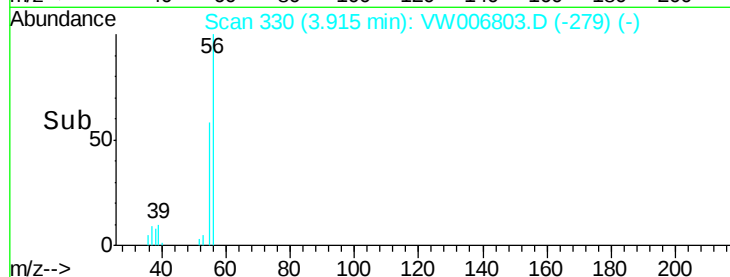
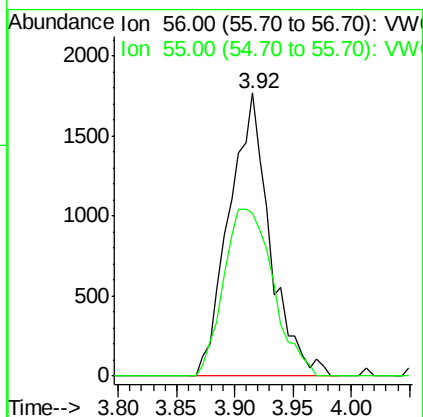
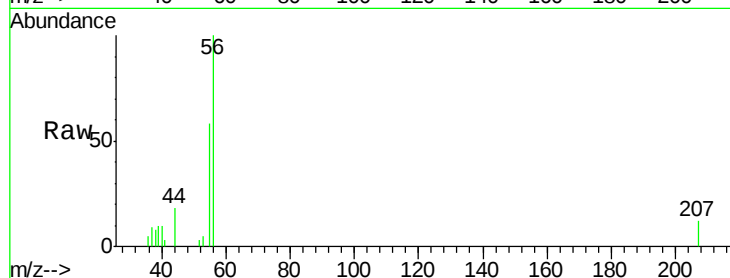
55 71.5 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 5.093 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

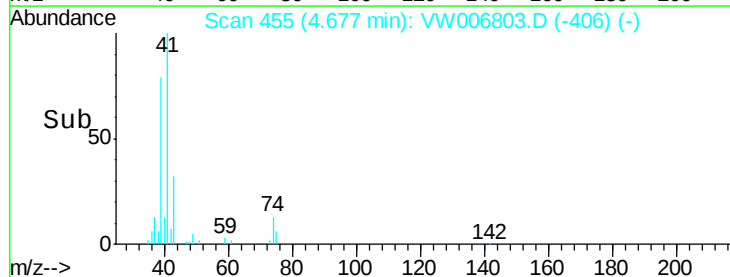
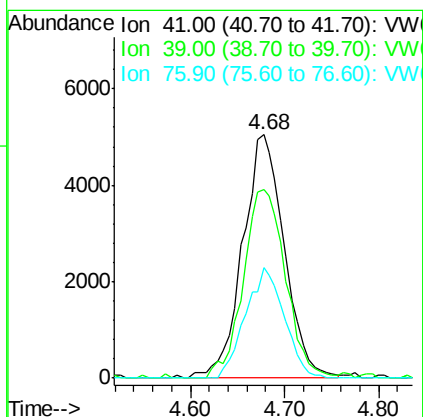
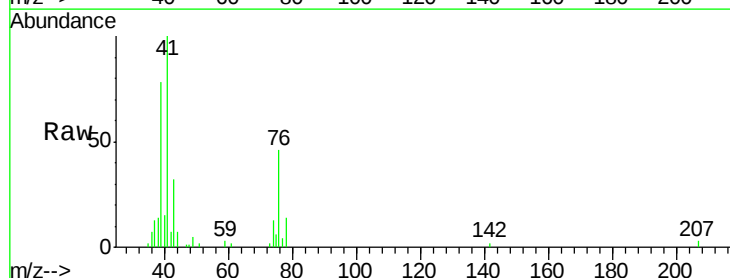
Tgt Ion: 41 Resp: 15602

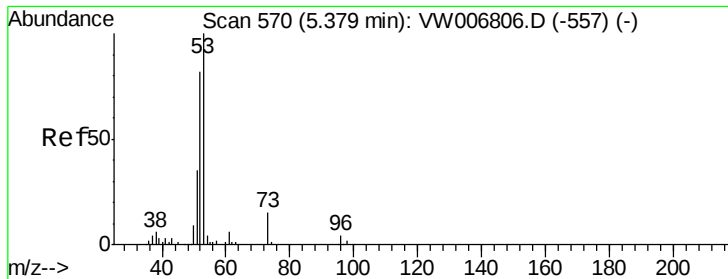
Ion Ratio Lower Upper

41 100

39 78.5 58.9 88.3

76 42.3 34.4 51.6





#15

Acrylonitrile

Concen: 23.126 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

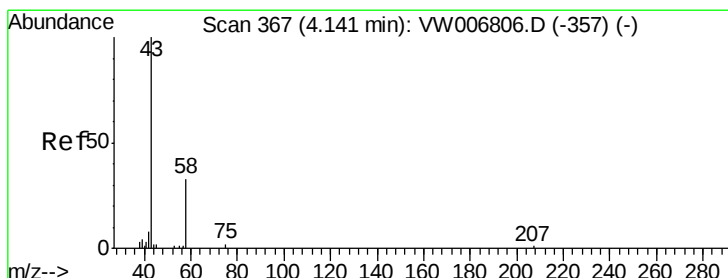
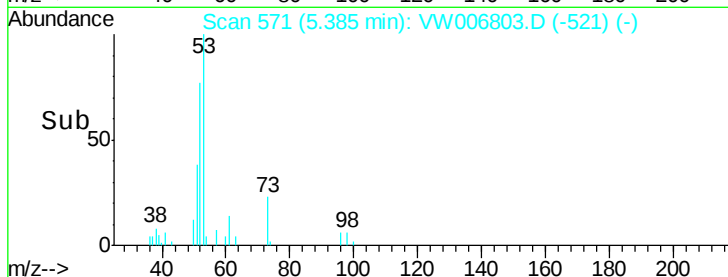
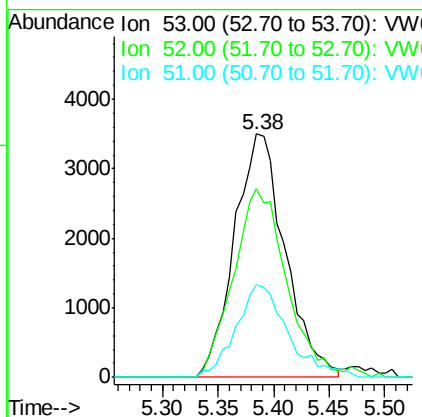
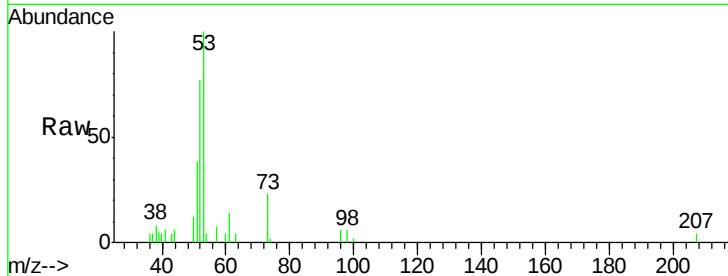
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	11044
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.2	97.8
51	39.3	30.0	45.0

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#16

Acetone

Concen: 26.582 ug/l

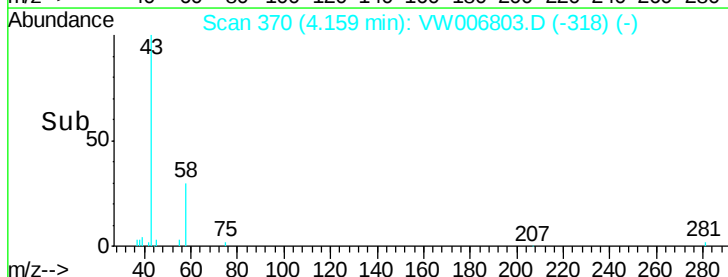
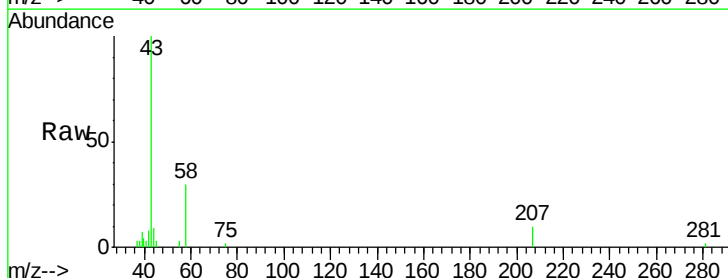
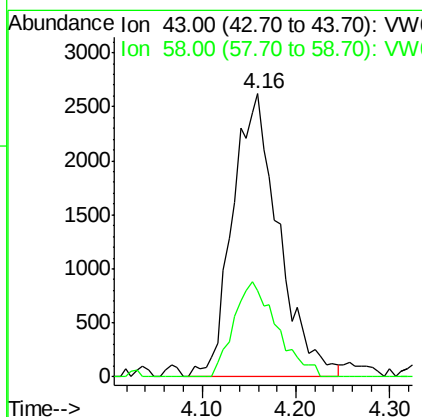
RT: 4.16 min Scan# 370

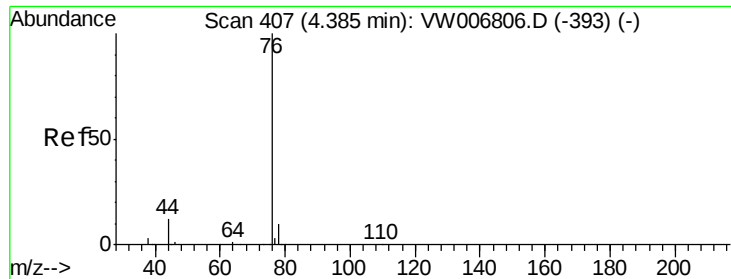
Delta R.T. 0.02 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	43	Resp:	8970
Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.5	39.7





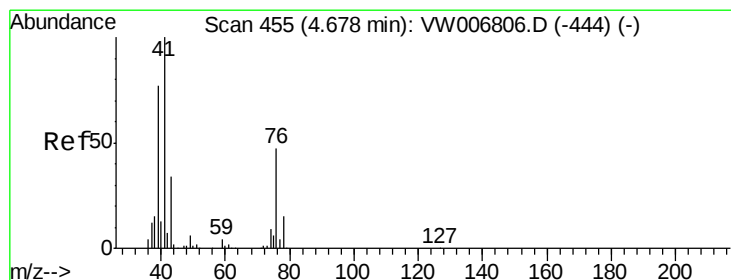
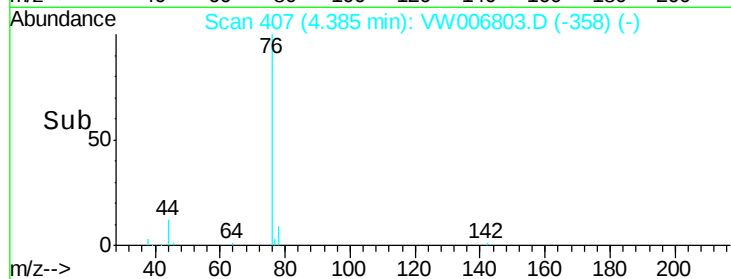
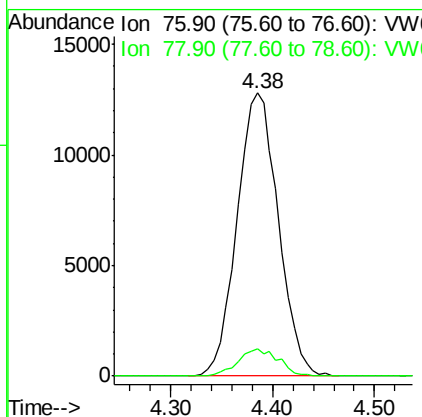
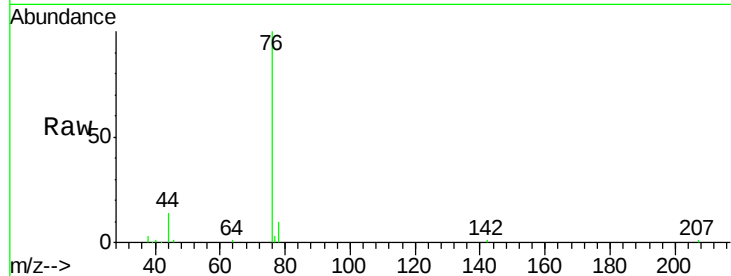
#17
Carbon Disulfide
Concen: 4.779 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.6	11.4

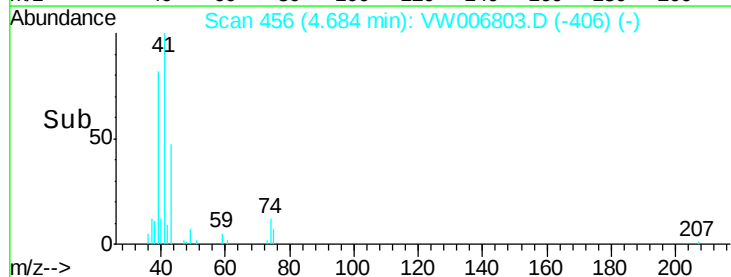
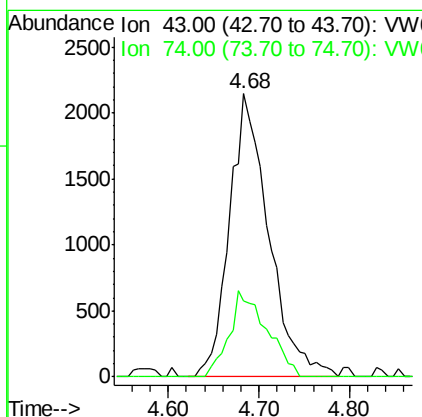
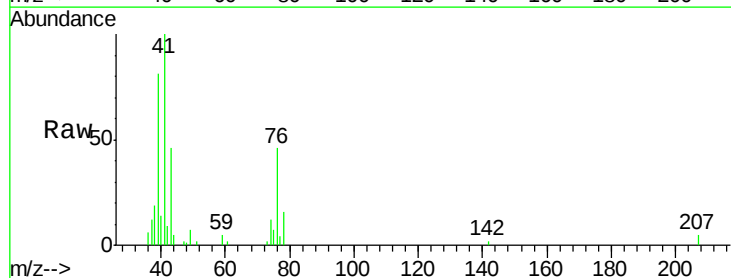
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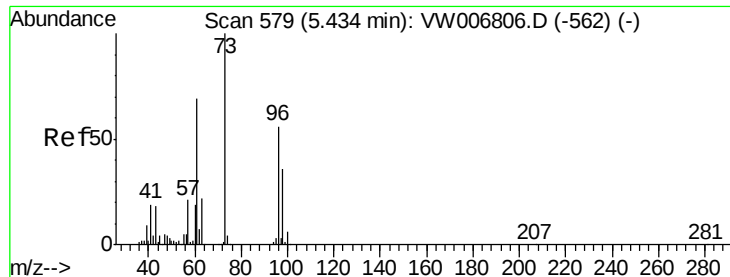
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#18
Methyl Acetate
Concen: 5.449 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.9	21.9	32.9





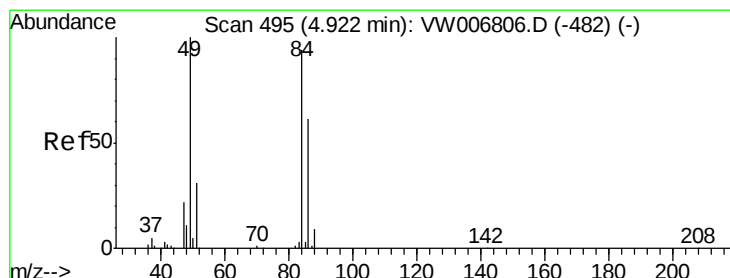
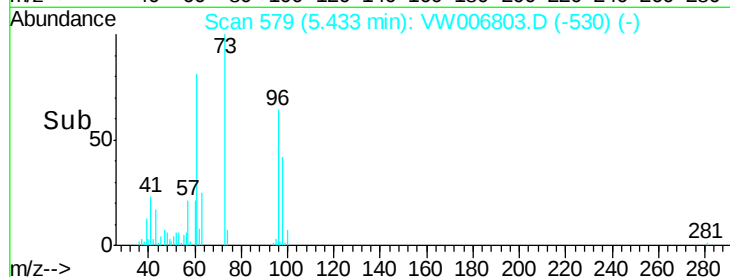
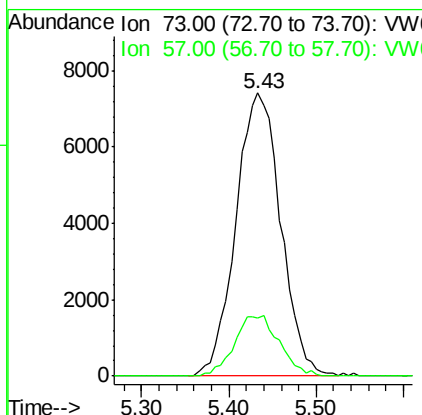
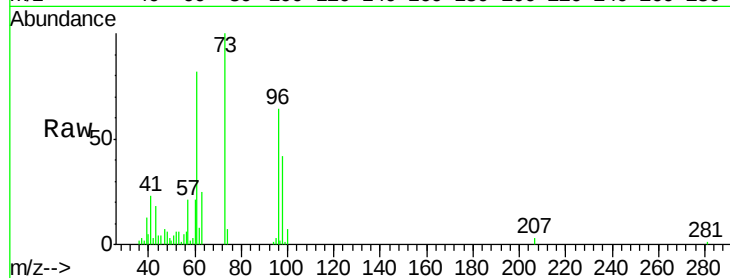
#19
Methyl tert-butyl Ether
Concen: 4.752 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 26449
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2

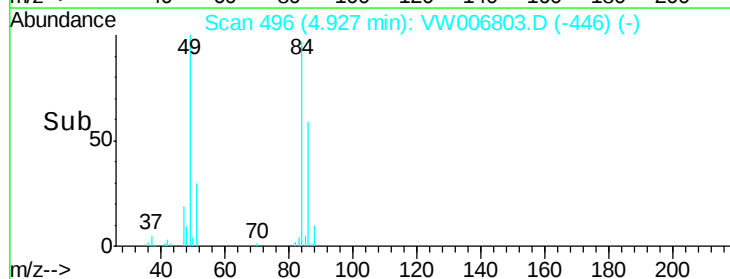
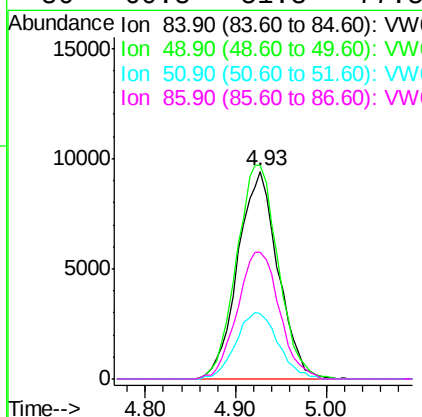
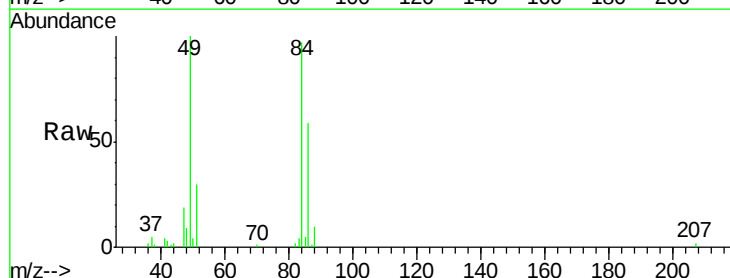
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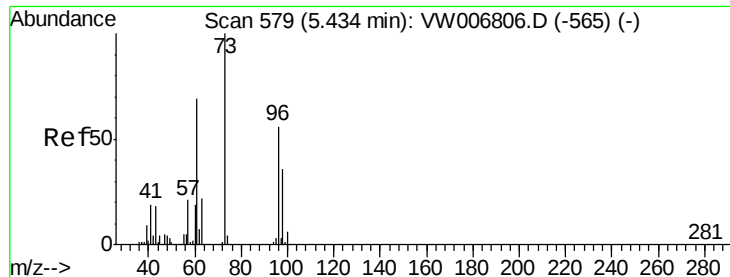
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#20
Methylene Chloride
Concen: 8.877 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 84 Resp: 28961
Ion Ratio Lower Upper
84 100
49 102.8 84.8 127.2
51 31.3 26.2 39.4
86 60.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 5.382 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

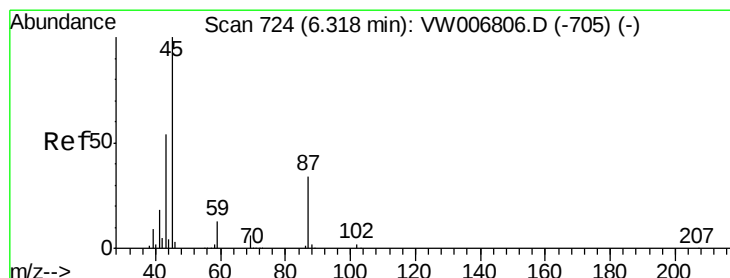
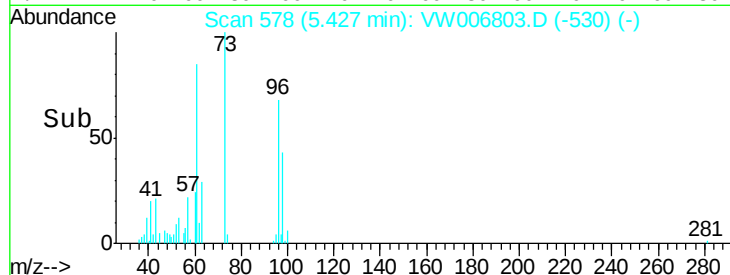
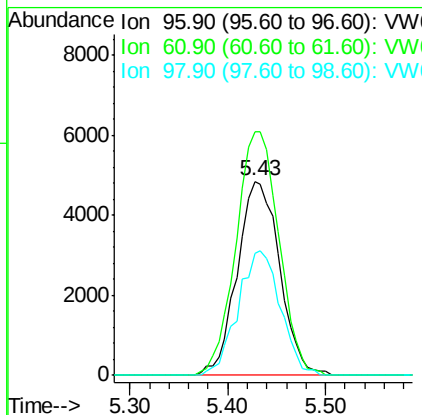
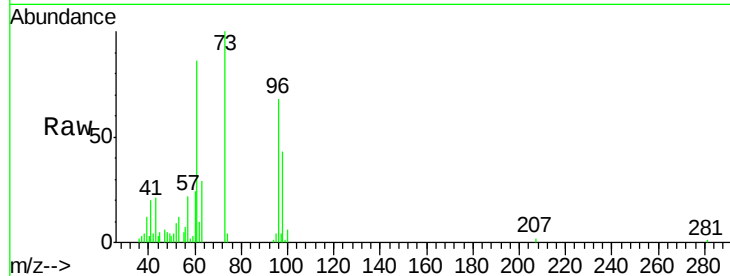
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	14627
Ion	Ratio	Lower	Upper
96	100		
61	125.6	98.7	148.1
98	62.7	51.2	76.8

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#22

Diisopropyl ether

Concen: 4.649 ug/l

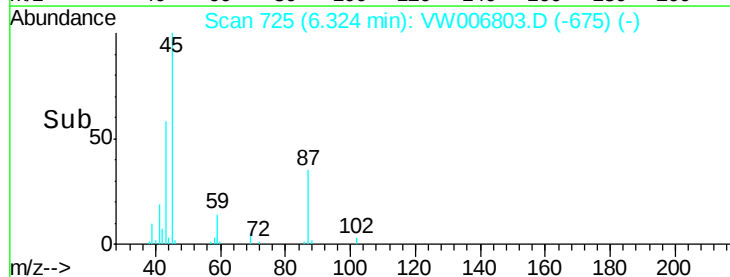
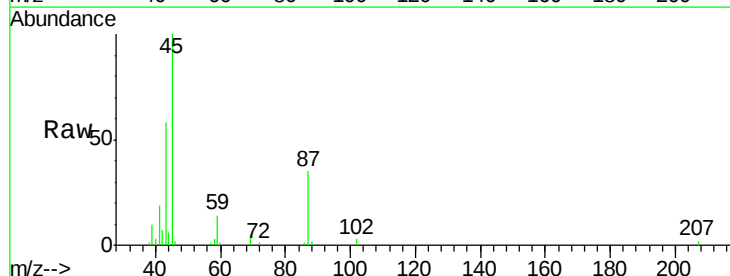
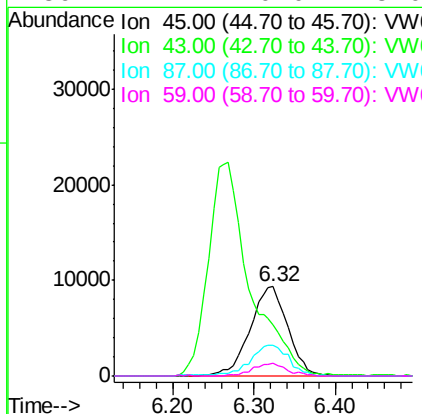
RT: 6.32 min Scan# 725

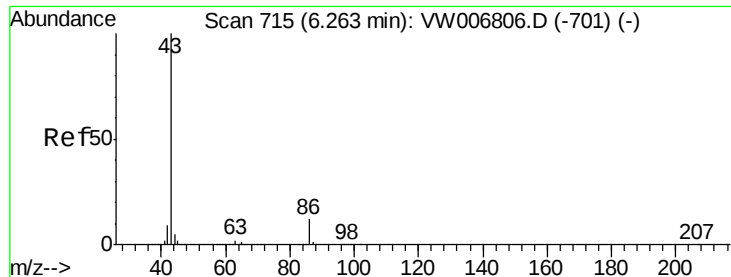
Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	45	Resp:	30010
Ion	Ratio	Lower	Upper
45	100		
43	55.9	43.7	65.5
87	35.0	27.2	40.8
59	14.4	10.0	15.0





#23

Vinyl Acetate

Concen: 21.732 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 80010

Ion Ratio Lower Upper

43 100

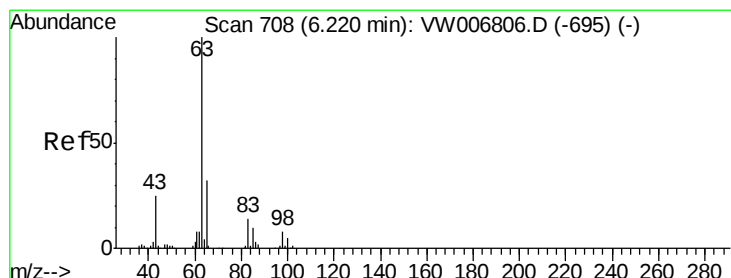
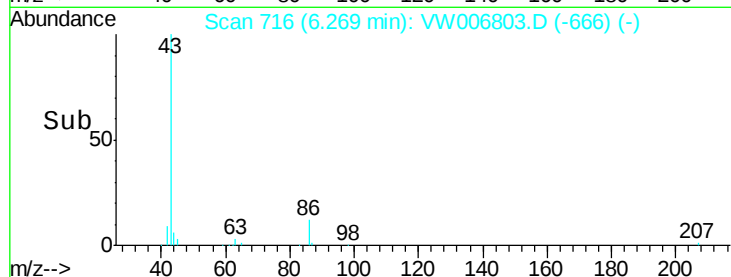
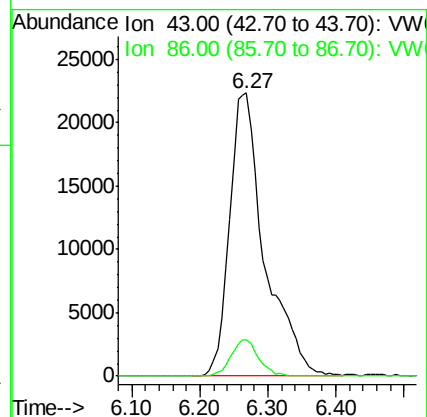
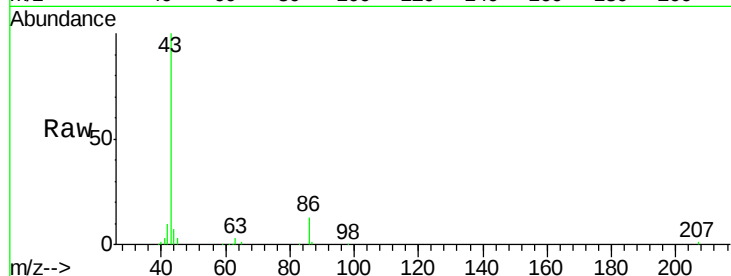
86 12.8 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 5.173 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

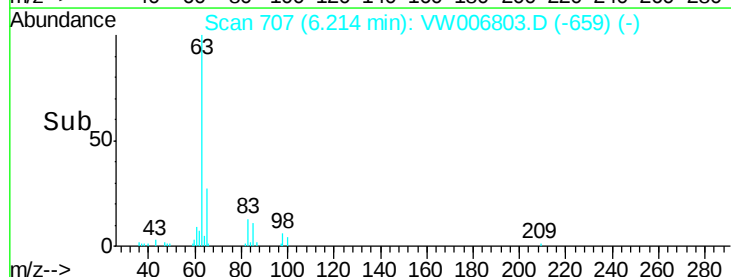
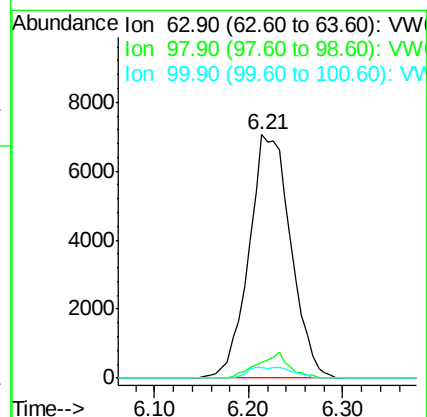
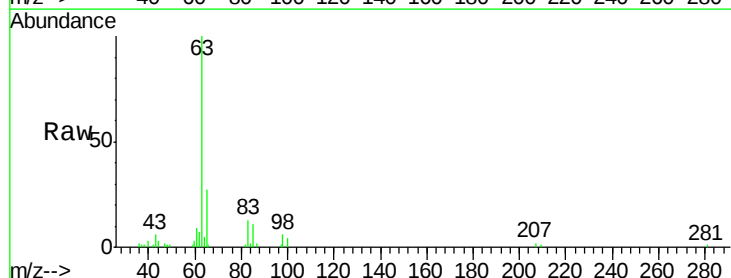
Tgt Ion: 63 Resp: 21847

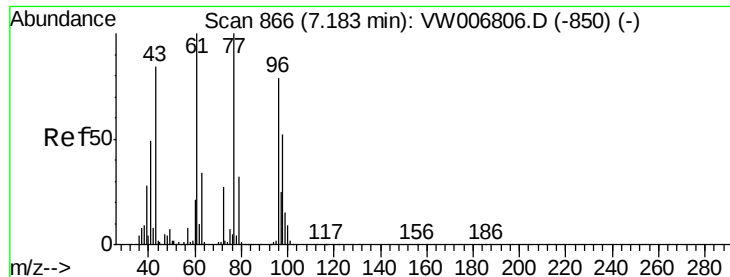
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 25.531 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC005

Tgt Ion: 43 Resp: 14225

Ion Ratio Lower Upper

43 100

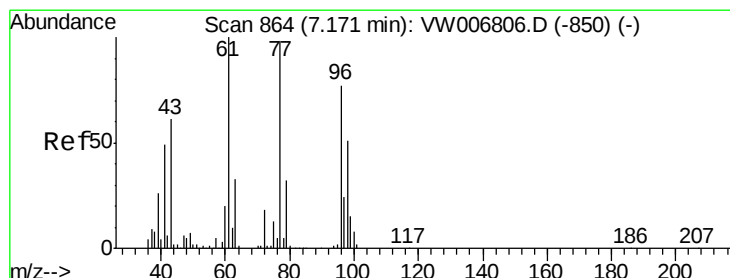
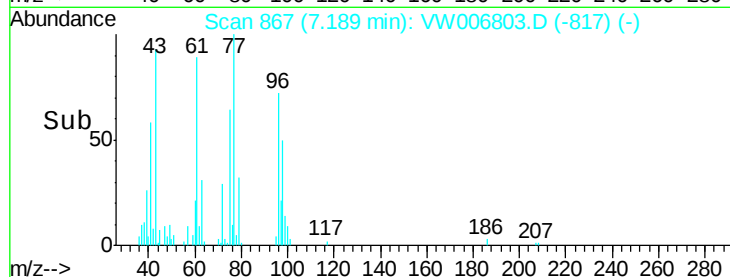
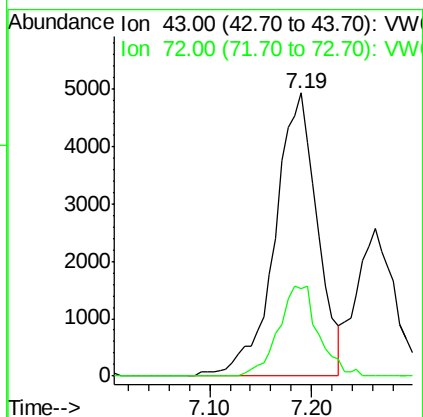
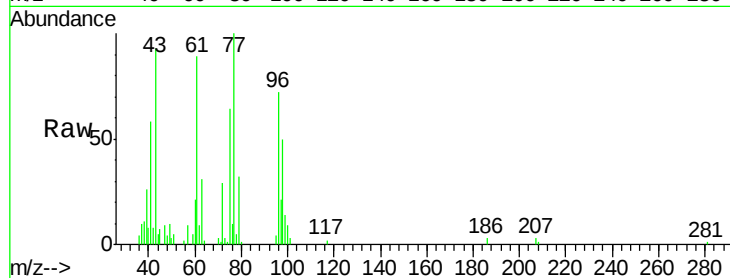
72 30.7 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 6.309 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006803.D

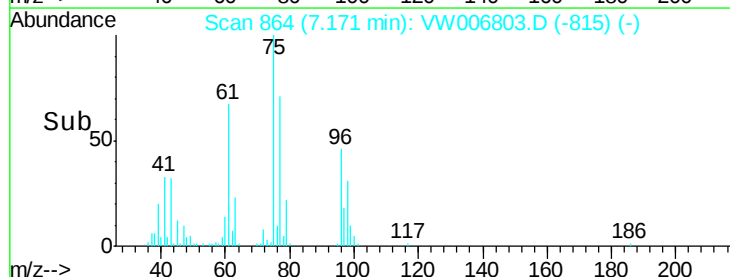
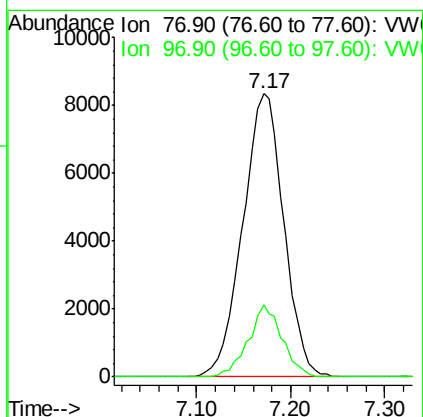
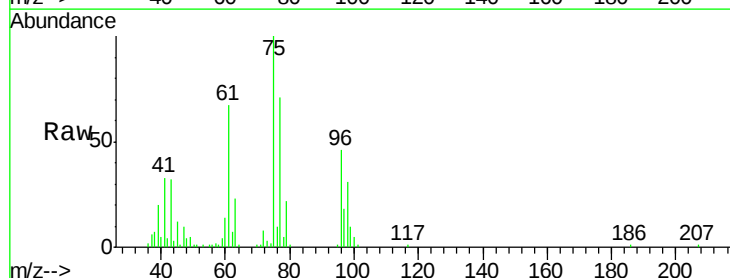
Acq: 12 Nov 2018 12:25

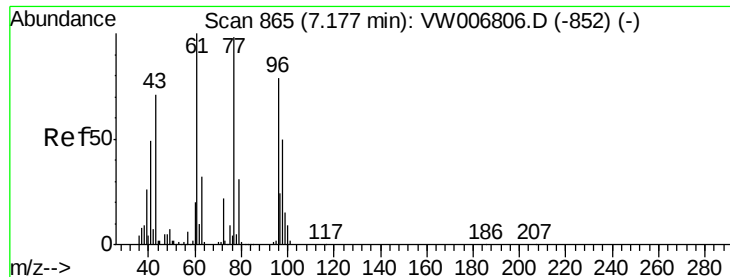
Tgt Ion: 77 Resp: 25385

Ion Ratio Lower Upper

77 100

97 21.1 12.0 36.1





#27

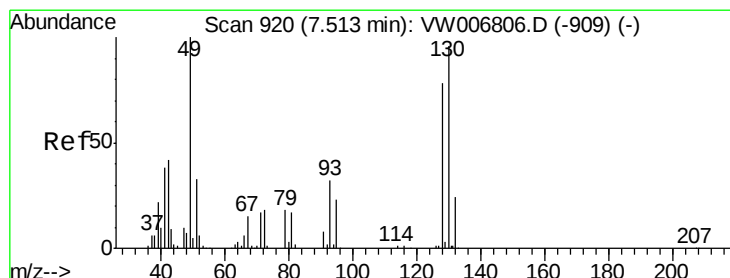
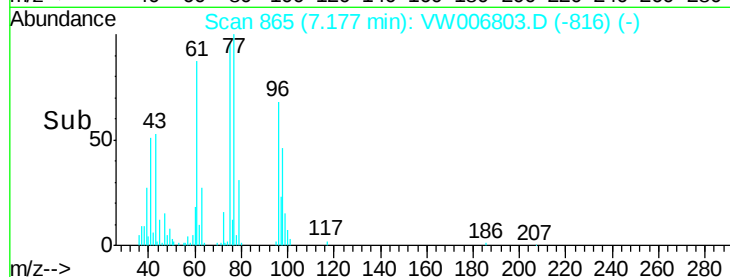
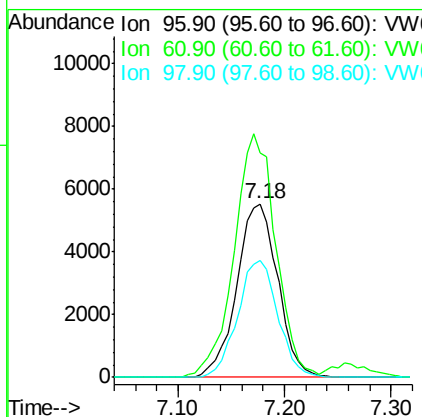
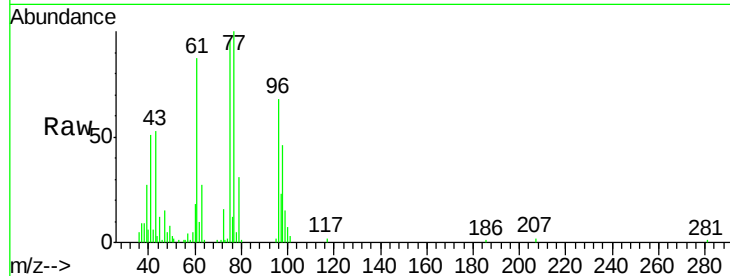
cis-1,2-Dichloroethene
Concen: 5.127 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	264.0
98	66.1	0.0	131.0

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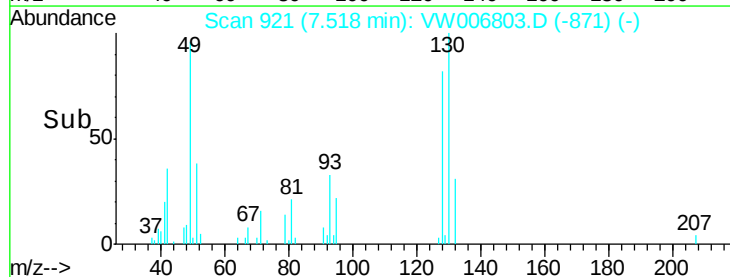
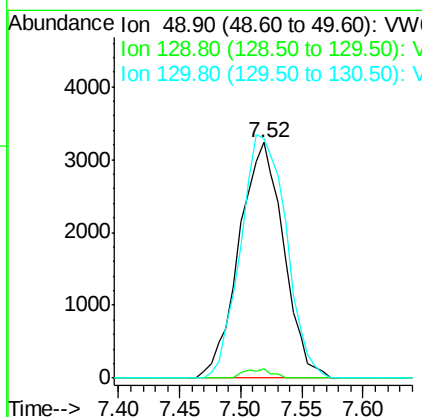
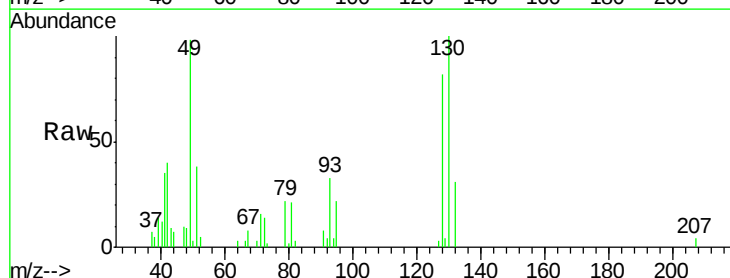
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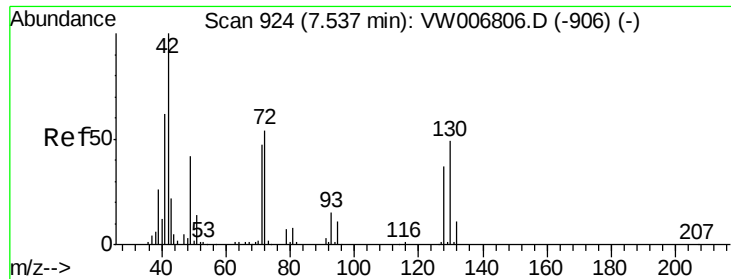


#28

Bromochloromethane
Concen: 5.168 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	105.9	83.3	124.9





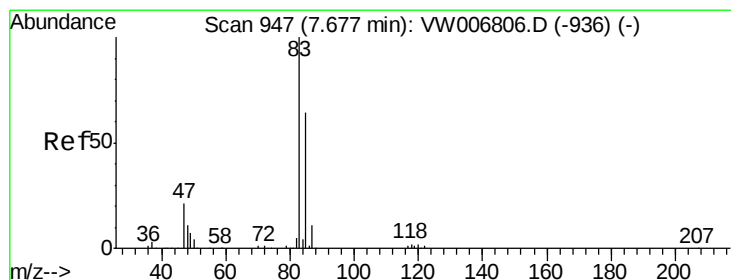
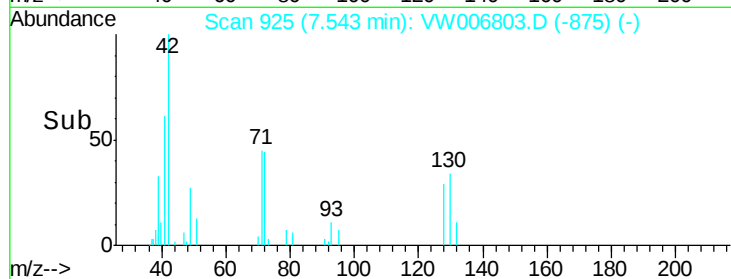
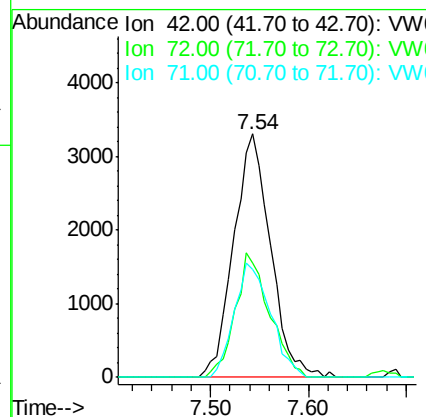
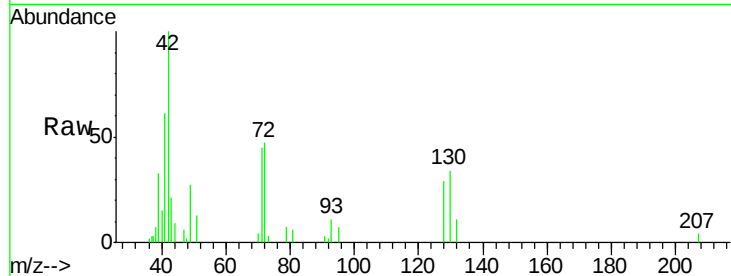
#29
Tetrahydrofuran
Concen: 23.752 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.1	40.9	61.3
71	45.9	36.9	55.3

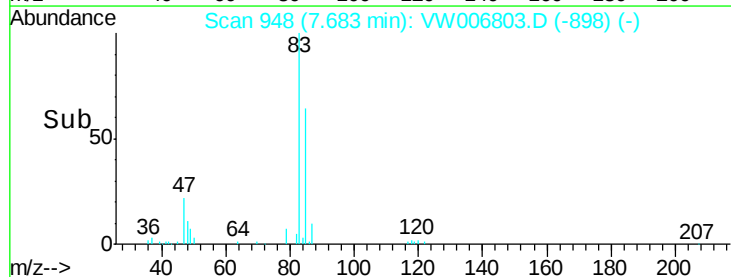
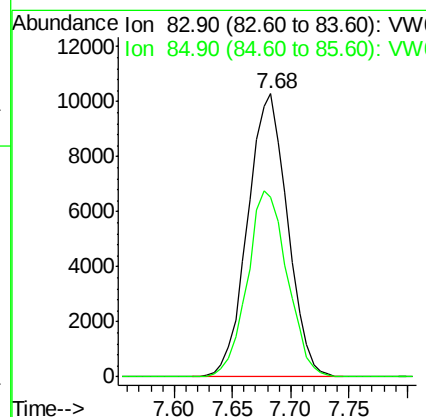
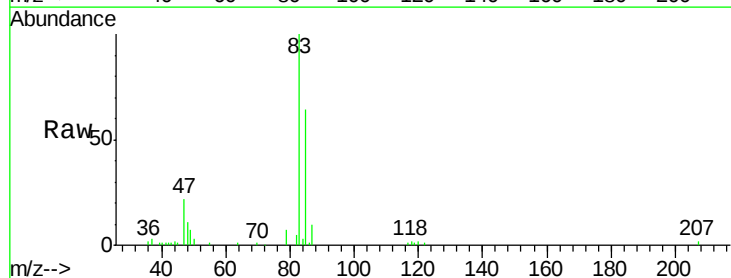
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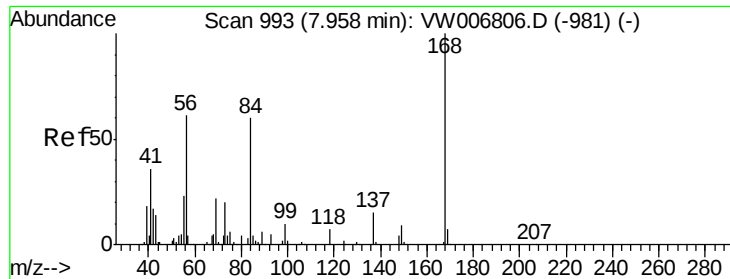
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#30
Chloroform
Concen: 5.224 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





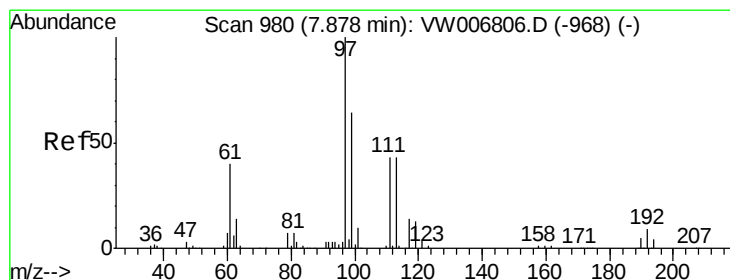
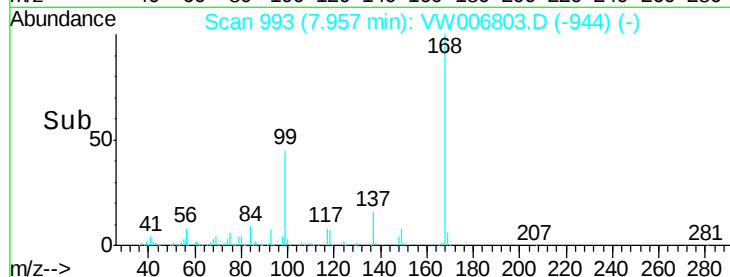
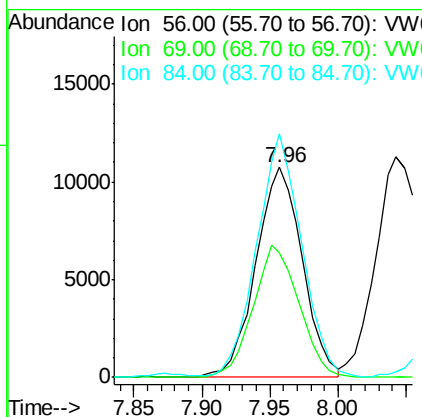
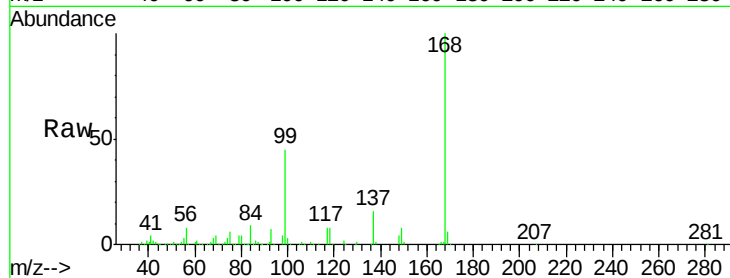
#31
Cyclohexane
Concen: 5.892 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	59.4	28.9	43.3#
84	115.1	79.0	118.4

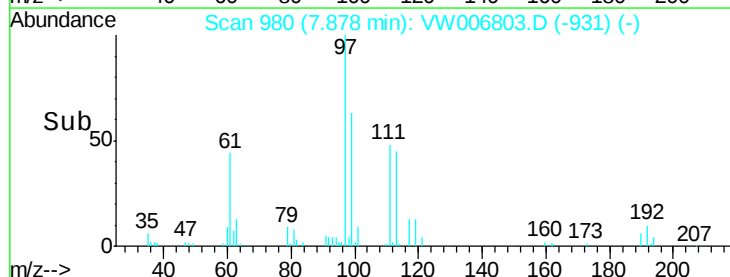
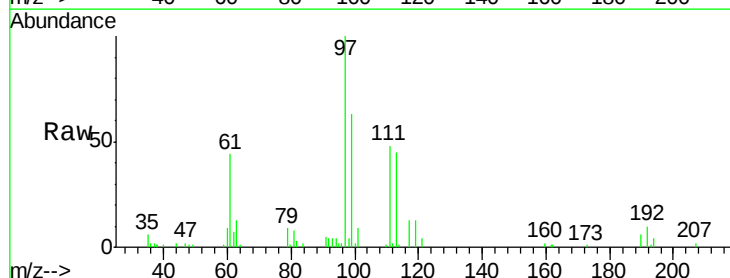
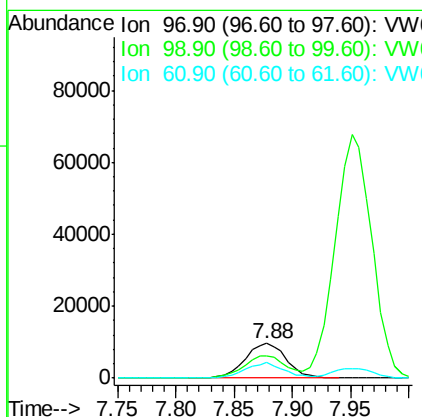
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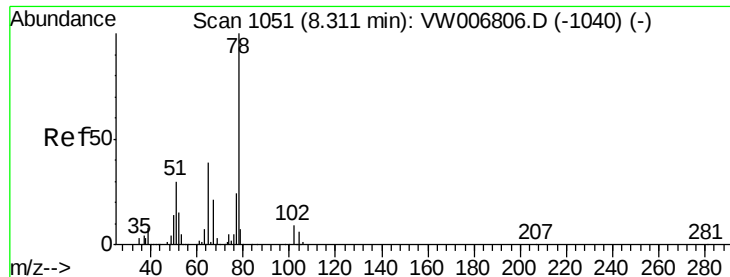
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#32
1,1,1-Trichloroethane
Concen: 5.373 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.6	77.4
61	41.4	32.2	48.4





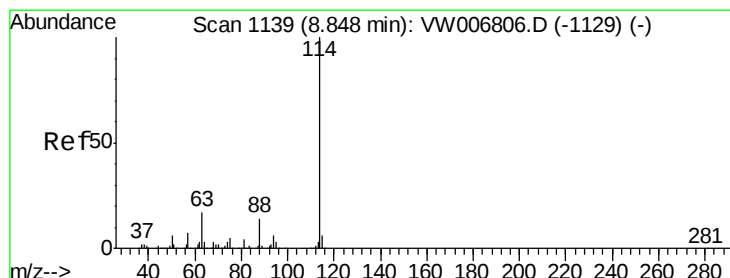
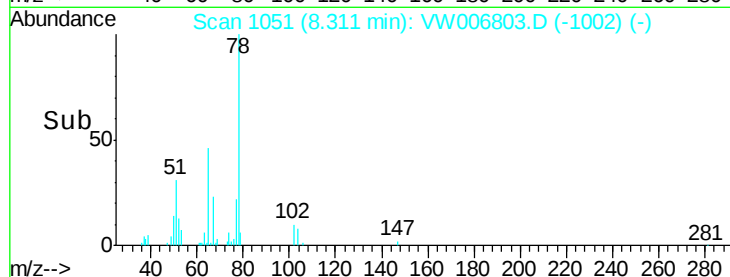
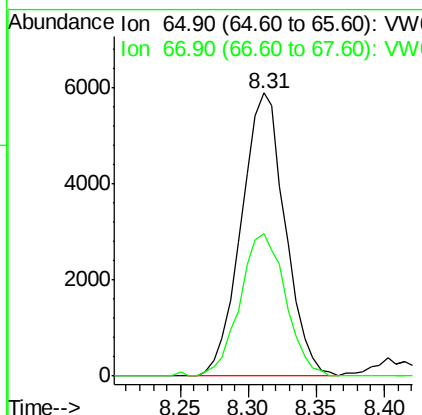
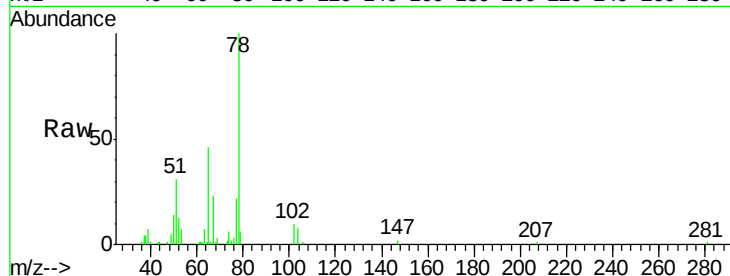
#33
 1,2-Dichloroethane-d4
 Concen: 5.697 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	13281		
67	52.1	0.0	104.4	

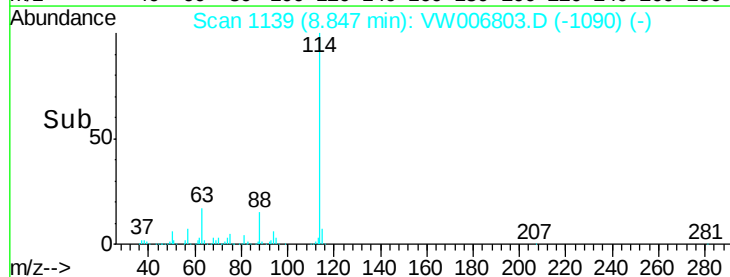
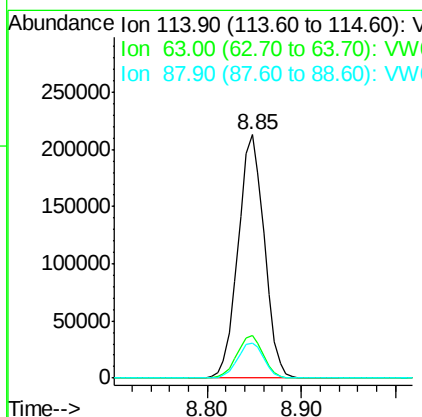
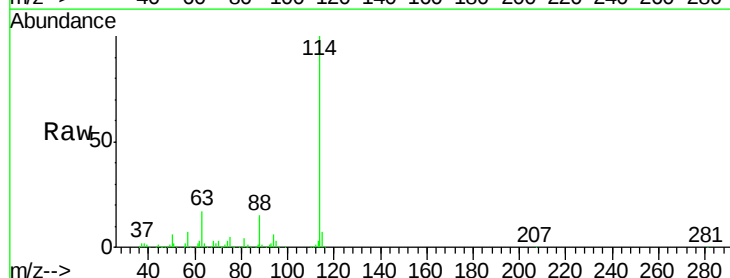
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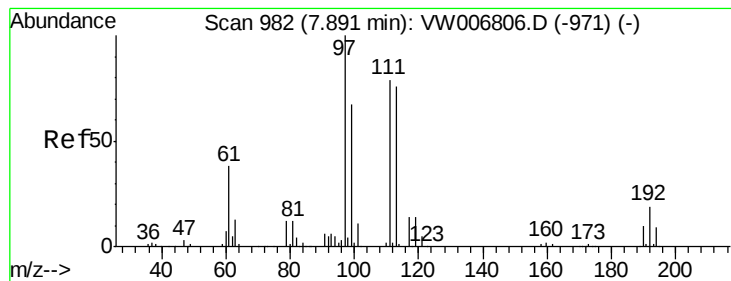
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	412294		
63	17.4	0.0	33.6	
88	14.5	0.0	28.4	





#35

Dibromofluoromethane

Concen: 5.894 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

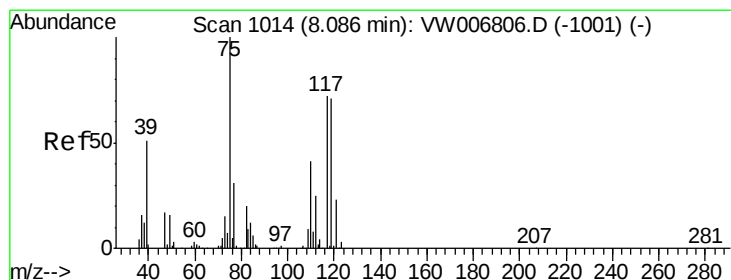
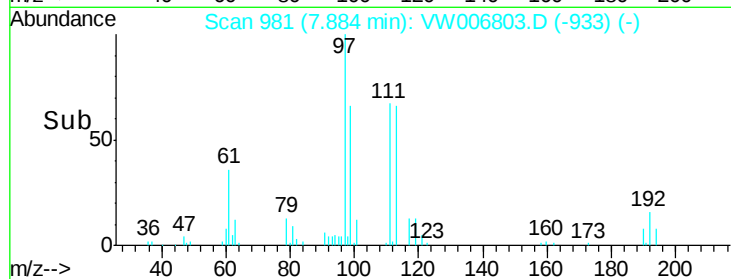
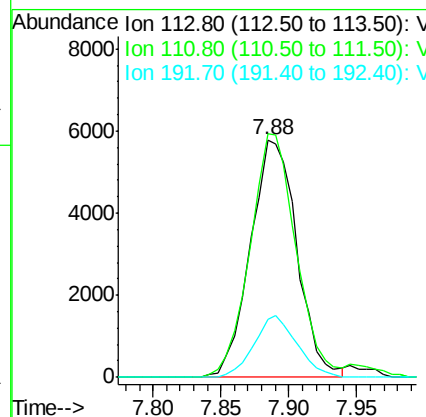
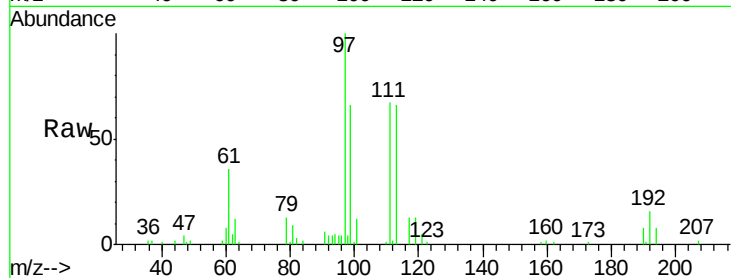
ClientSampleId :

VSTDIC005

Tgt Ion:	113	Resp:	13831
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.0	121.6
192	24.2	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 5.320 ug/l

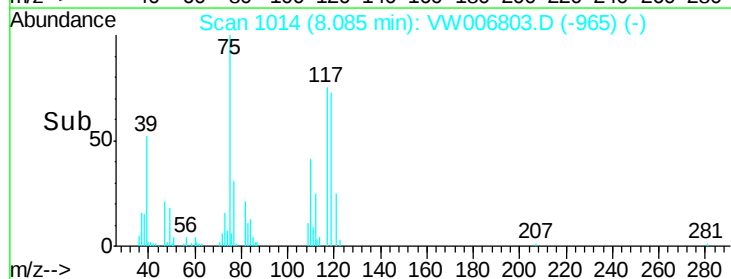
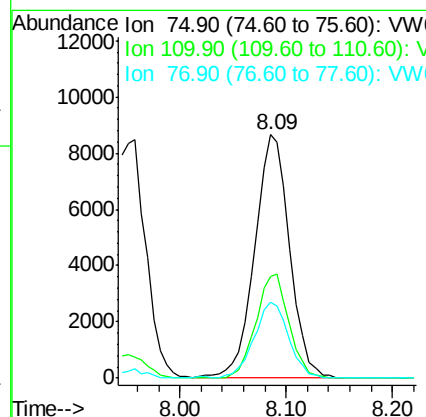
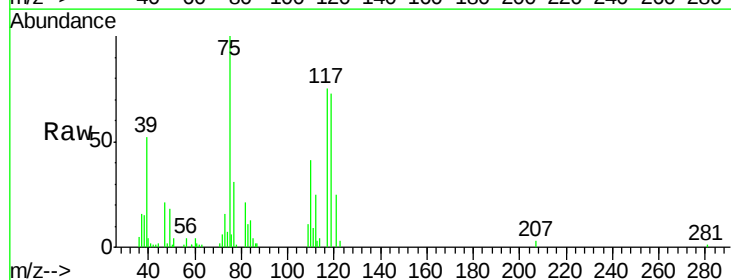
RT: 8.09 min Scan# 1014

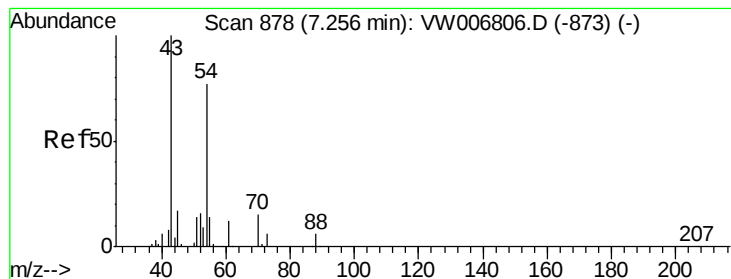
Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	75	Resp:	19905
Ion Ratio	Lower	Upper	
75	100		
110	40.4	19.9	59.6
77	30.8	25.4	38.2





#37

Ethyl Acetate

Concen: 4.639 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

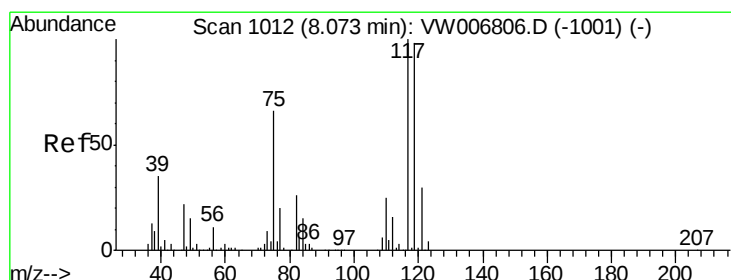
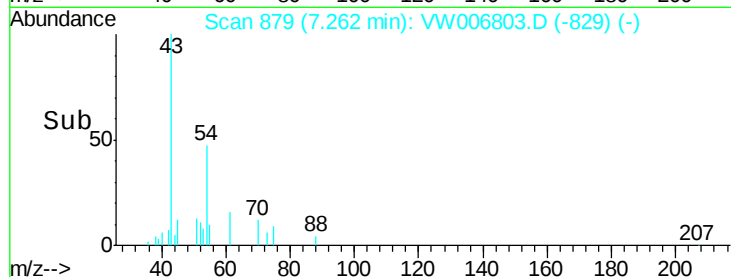
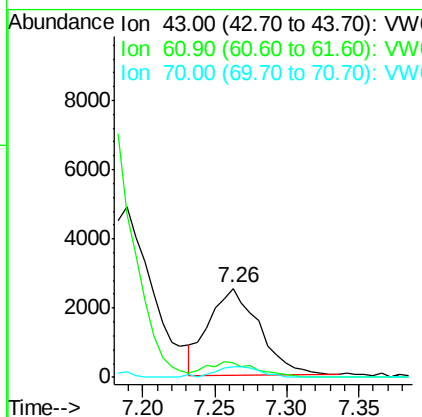
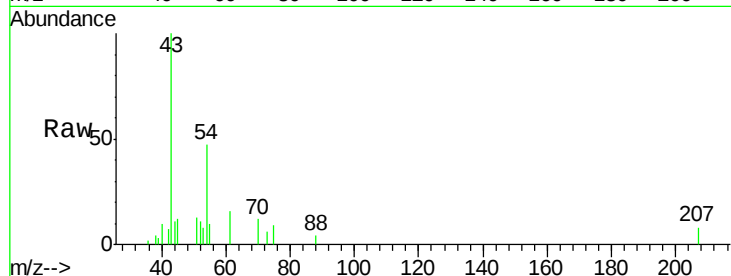
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	6164
Ion	Ratio	Lower	Upper
43	100		
61	17.9	11.7	17.5#
70	11.0	10.0	15.0

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#38

Carbon Tetrachloride

Concen: 5.661 ug/l

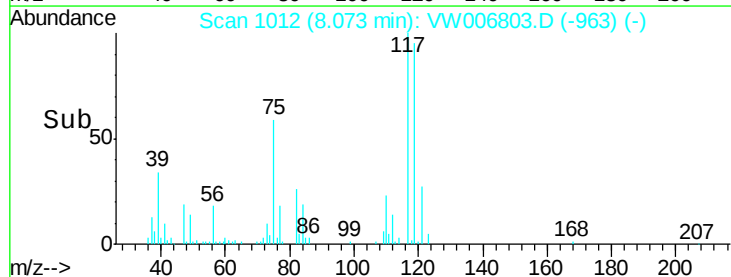
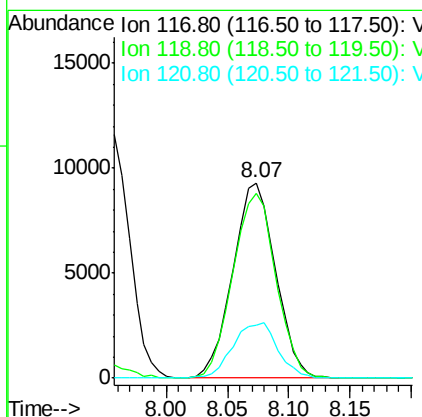
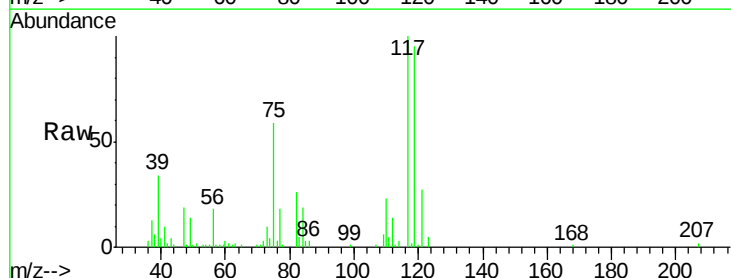
RT: 8.07 min Scan# 1012

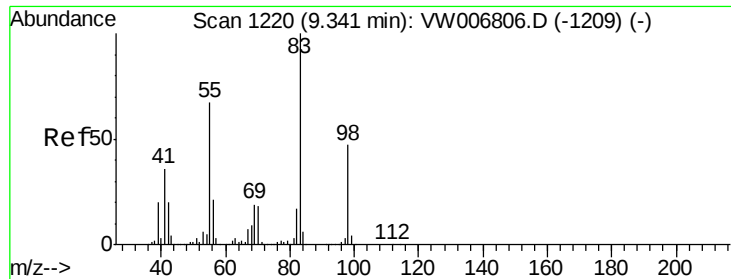
Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	117	Resp:	22628
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.5	117.7
121	26.8	24.2	36.2





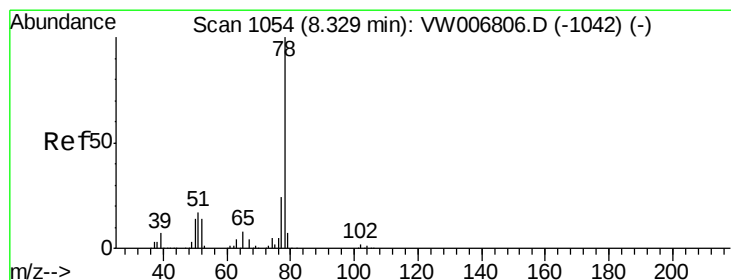
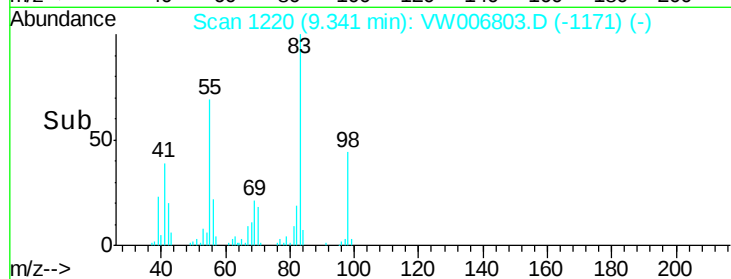
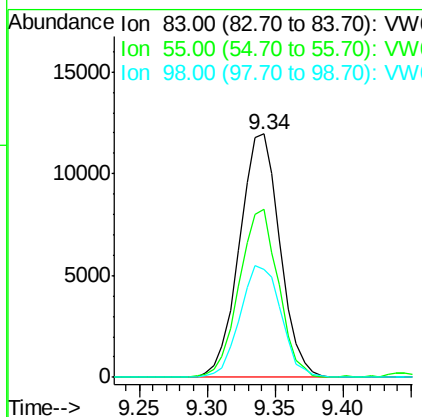
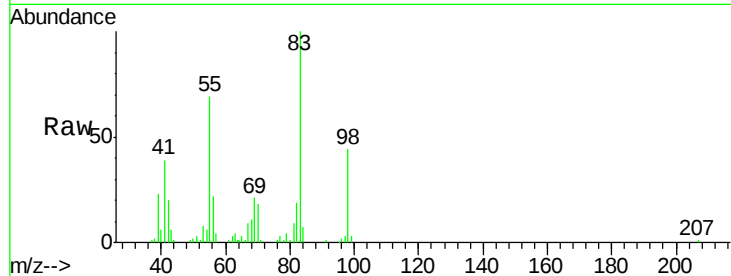
#39
Methylcyclohexane
Concen: 5.229 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.3	79.9
98	44.2	37.9	56.9

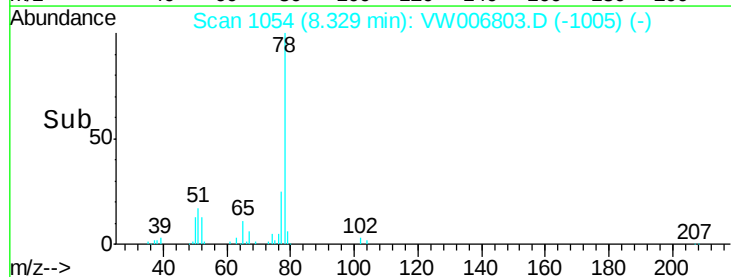
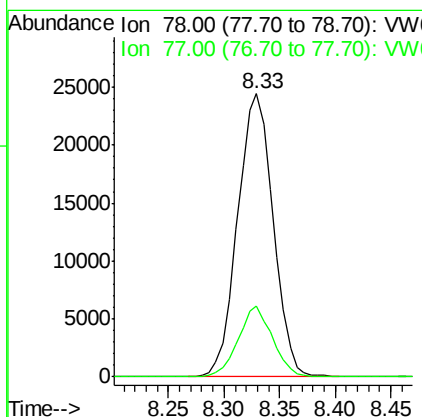
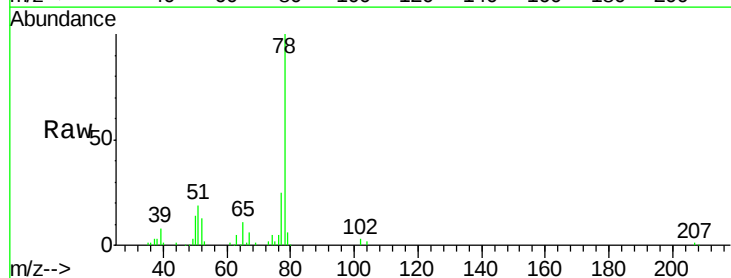
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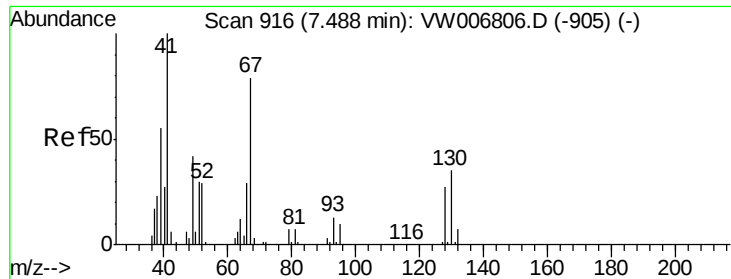
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#40
Benzene
Concen: 5.131 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6





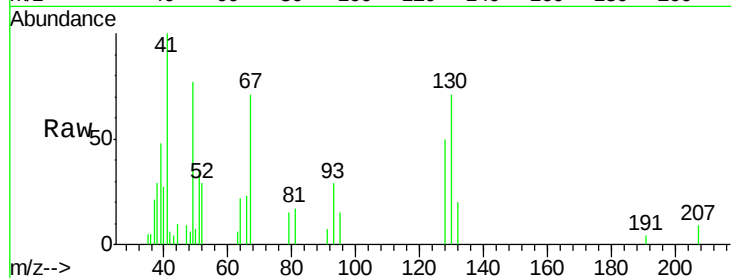
#41
Methacrylonitrile
Concen: 4.875 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

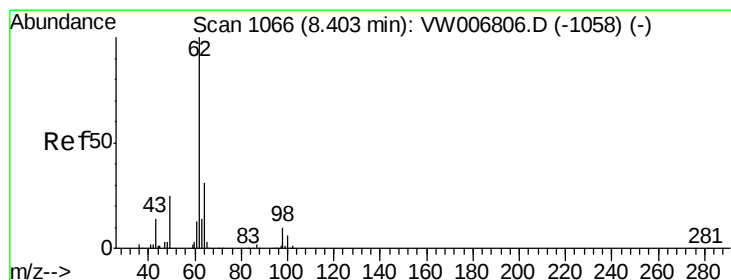
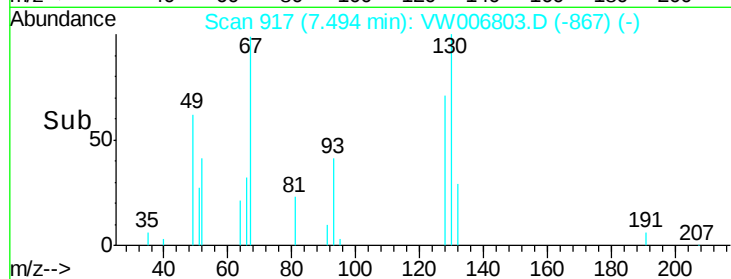
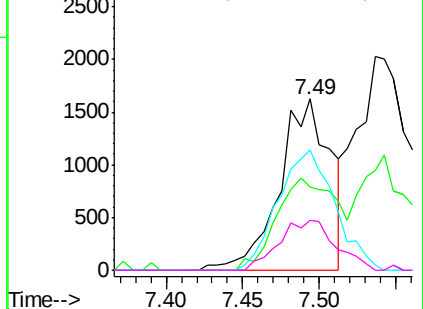
Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.7	48.1	72.1
67	78.1	61.4	92.2
52	32.2	23.2	34.8

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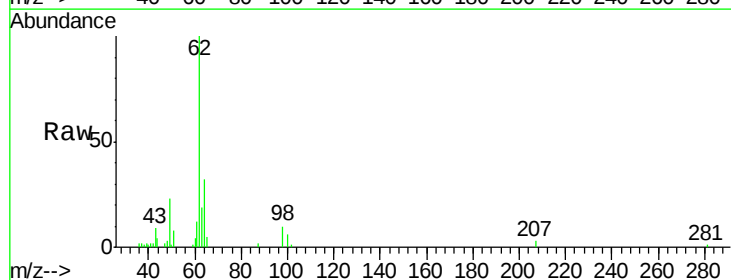


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

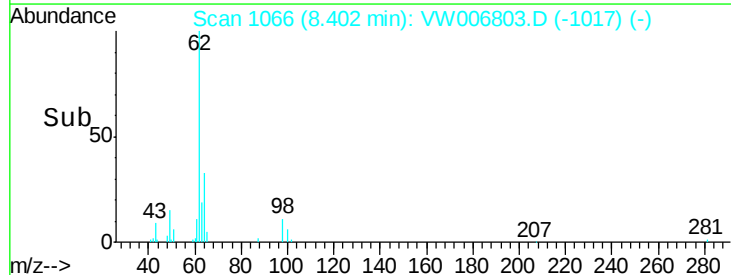
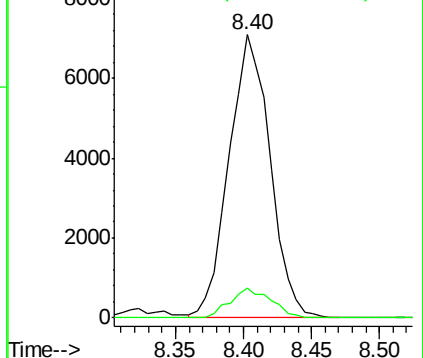


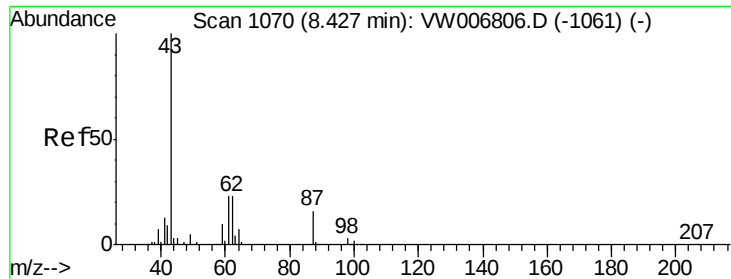
#42
1,2-Dichloroethane
Concen: 5.202 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





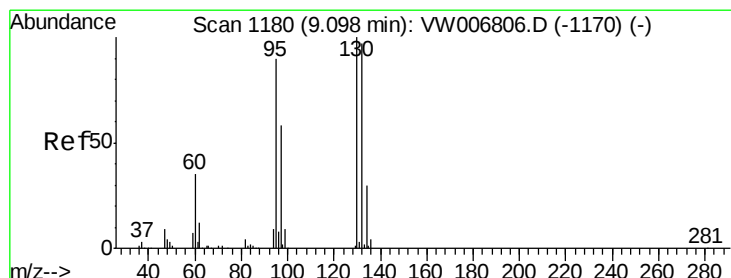
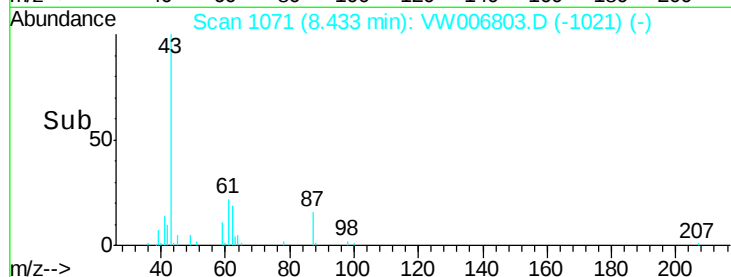
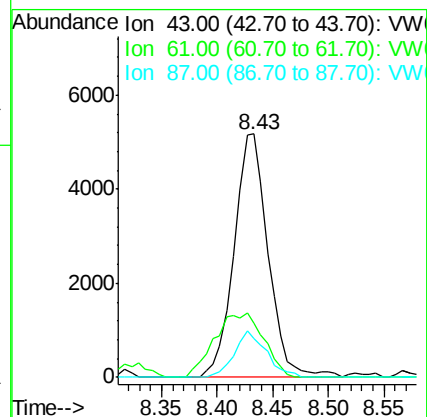
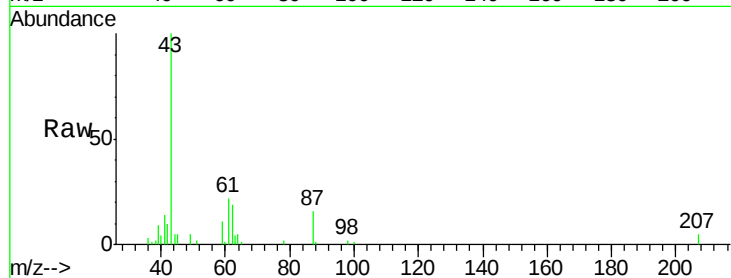
#43
Isopropyl Acetate
Concen: 4.411 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	37.9	27.0	40.4
87	17.8	13.0	19.4

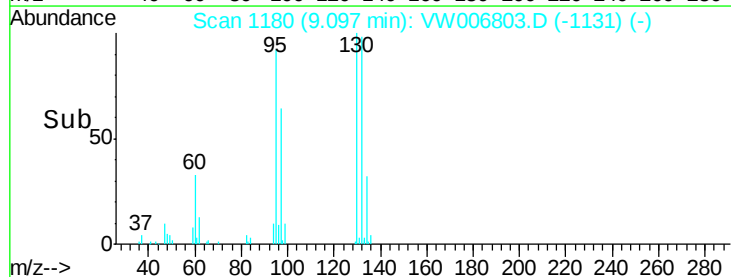
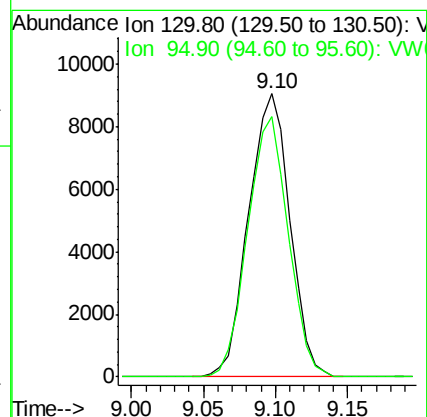
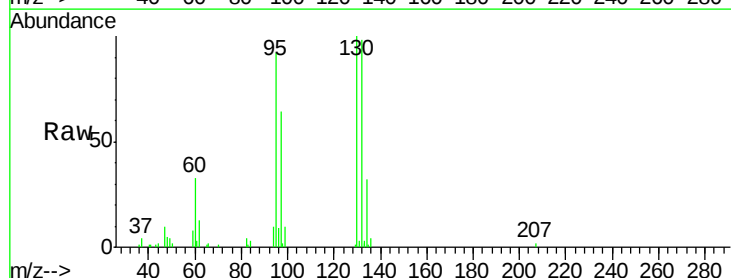
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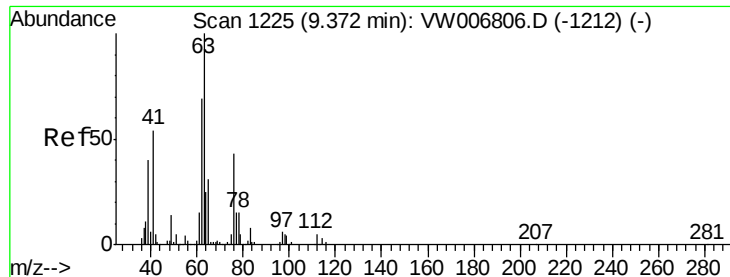
apatel
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#44
Trichloroethene
Concen: 5.526 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	180.2





#45

1,2-Dichloropropane

Concen: 5.137 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 12746

Ion Ratio Lower Upper

63 100

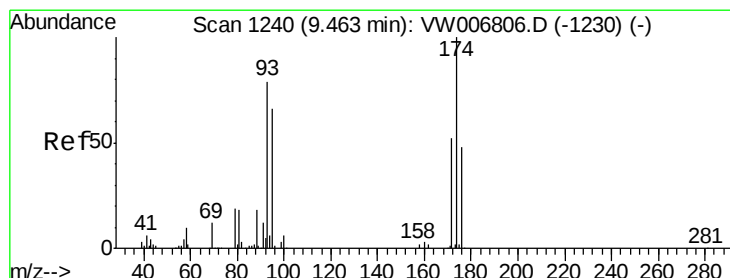
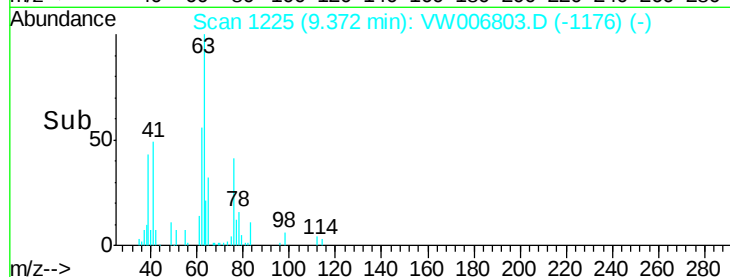
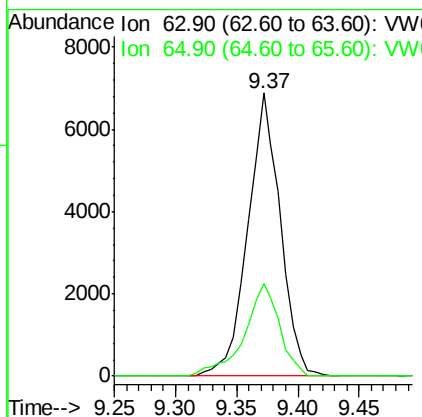
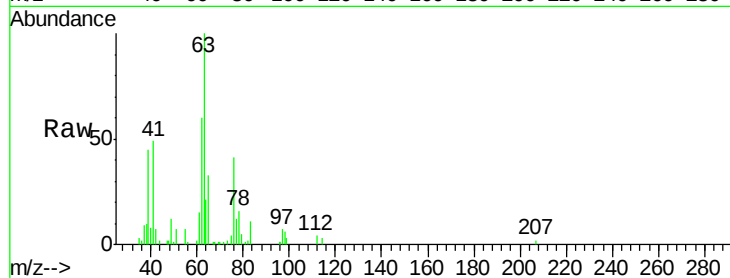
65 32.9 24.4 36.6

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#46

Dibromomethane

Concen: 5.138 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

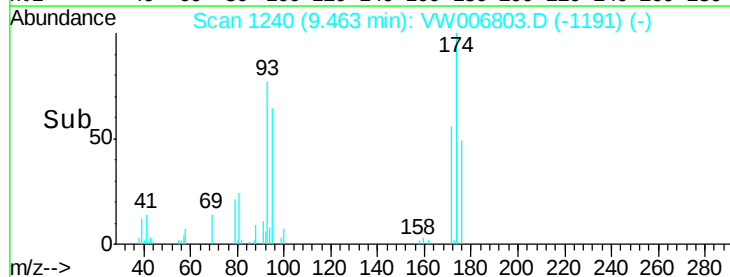
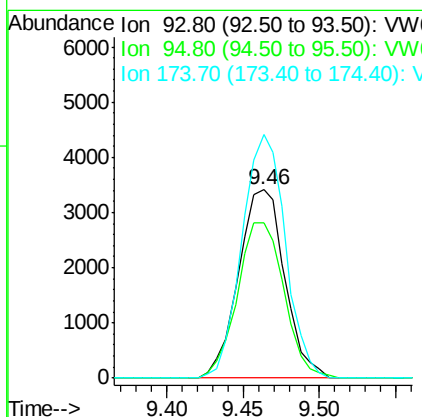
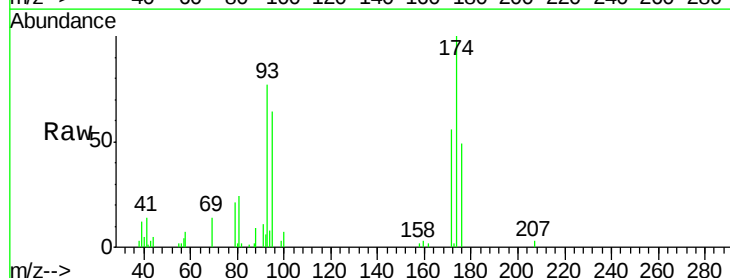
Tgt Ion: 93 Resp: 7157

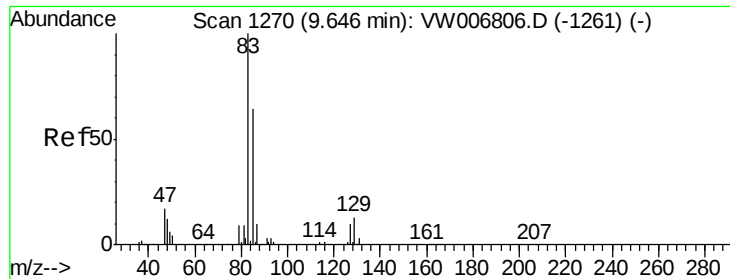
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.6

174 121.2 98.6 147.8





#47

Bromodichloromethane

Concen: 5.212 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

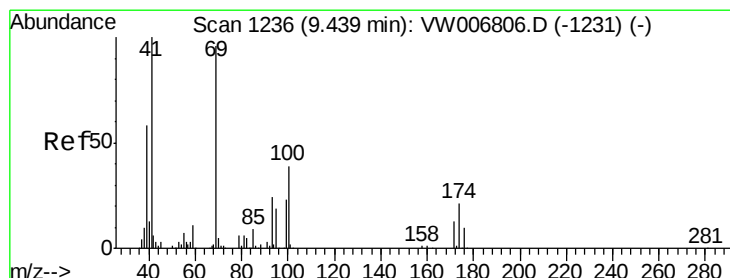
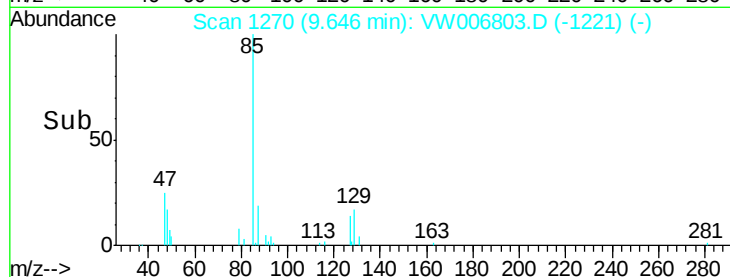
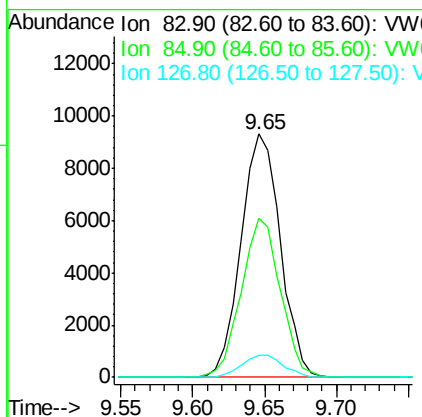
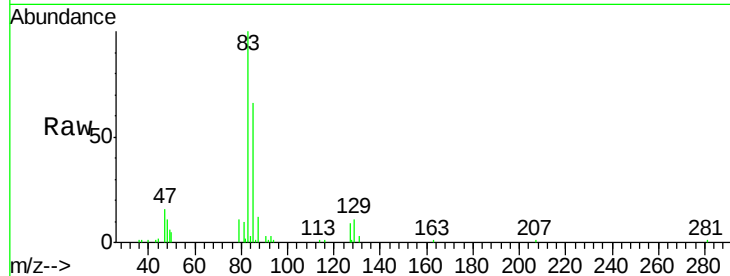
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	17619
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.0
127	9.2	7.6	11.4

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#48

Methyl methacrylate

Concen: 4.957 ug/l

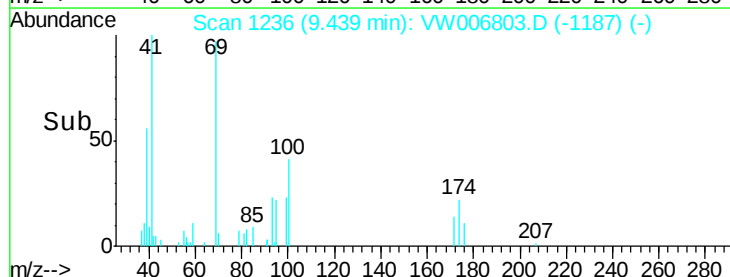
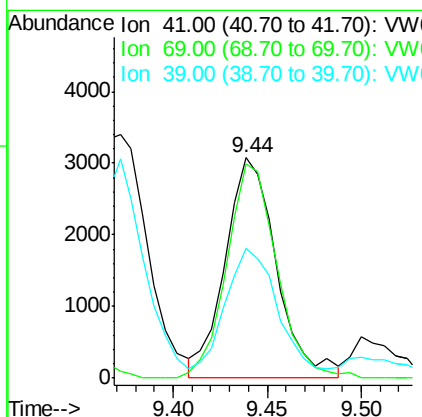
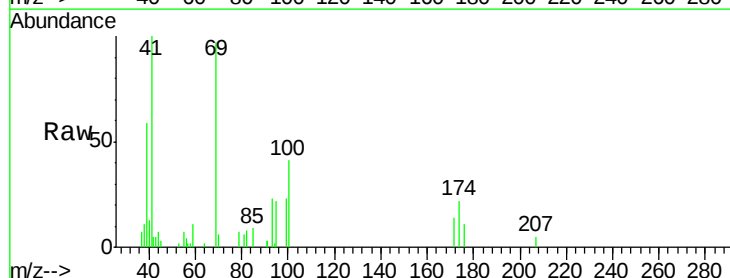
RT: 9.44 min Scan# 1236

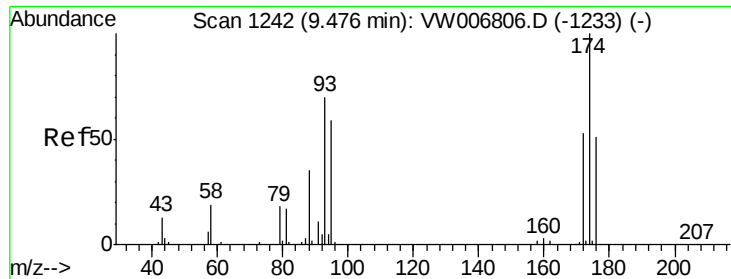
Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	41	Resp:	5815
Ion	Ratio	Lower	Upper
41	100		
69	95.0	79.8	119.6
39	54.2	45.9	68.9





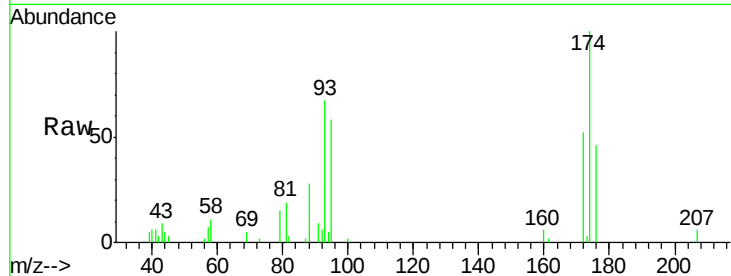
#49
1,4-Dioxane
Concen: 101.799 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

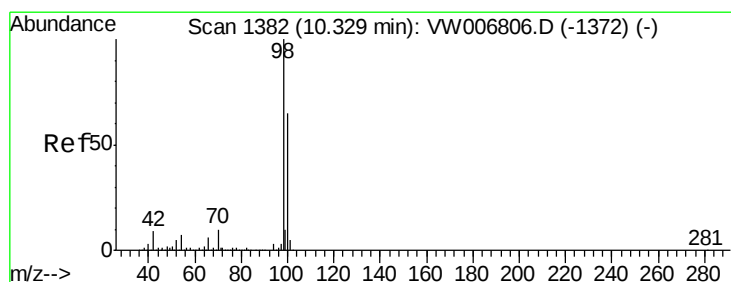
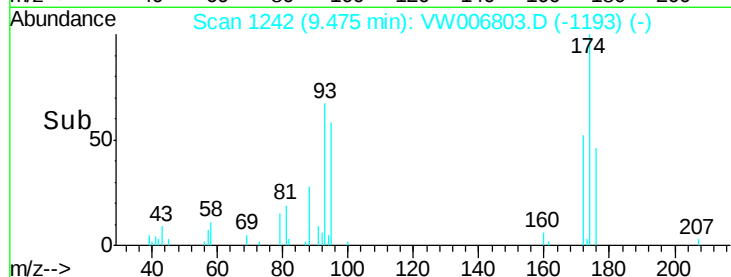
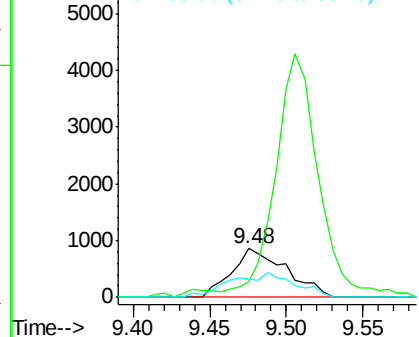
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	60.6	50.6	75.8

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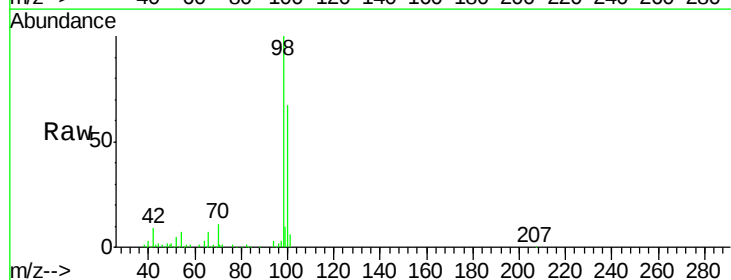


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

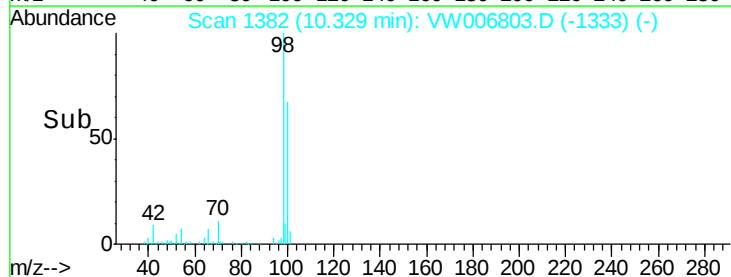
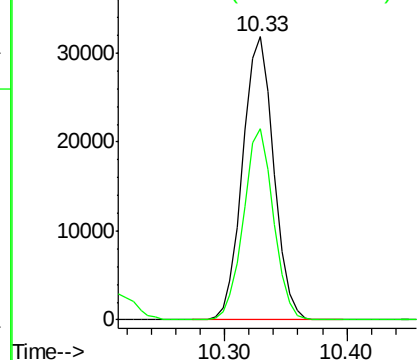


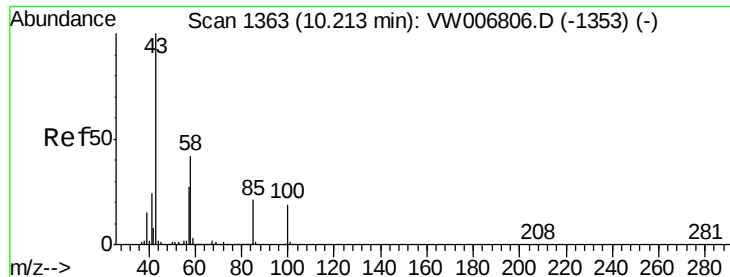
#50
Toluene-d8
Concen: 5.677 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





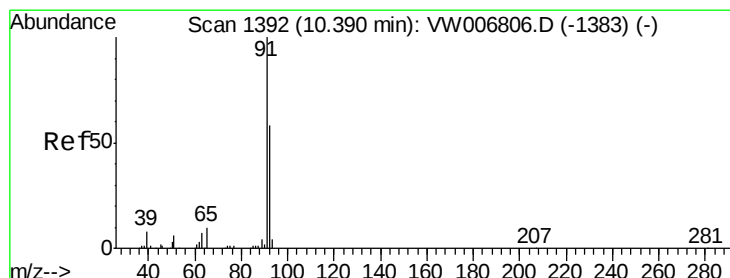
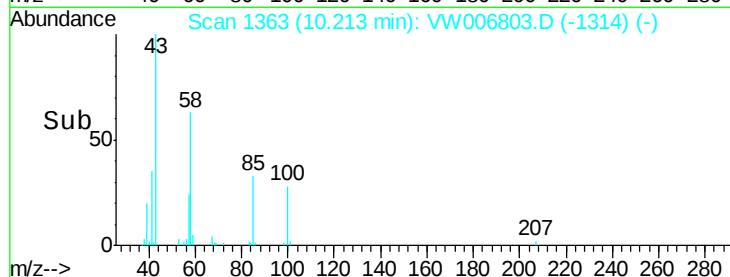
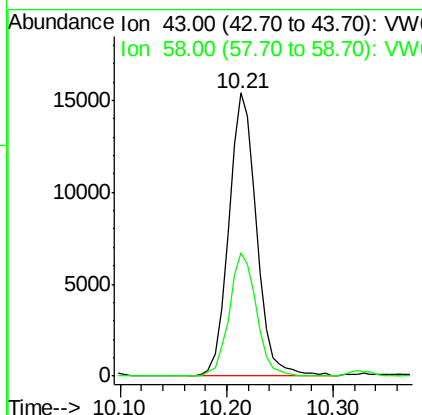
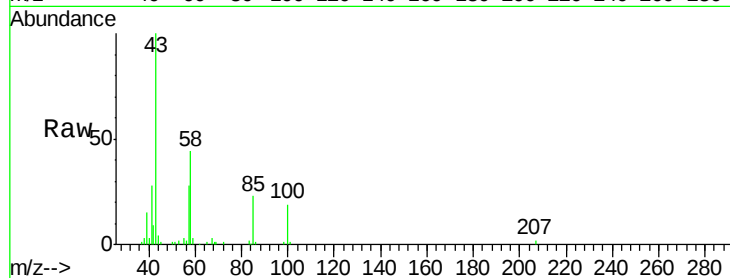
#51
4-Methyl-2-Pentanone
Concen: 21.918 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 28047
Ion Ratio Lower Upper
43 100
58 42.6 34.0 51.0

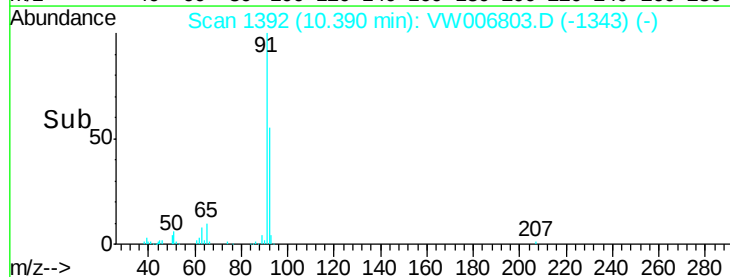
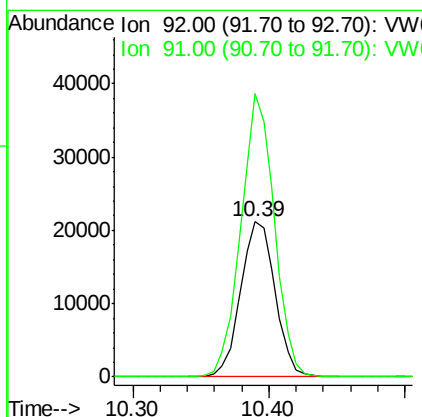
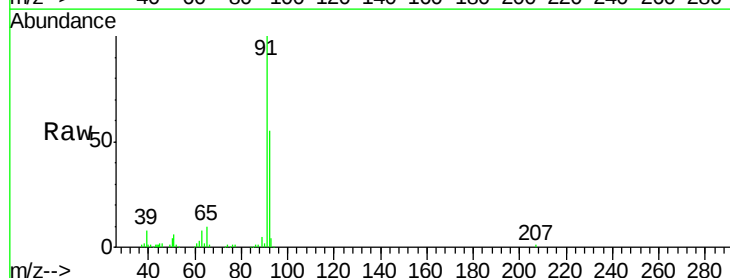
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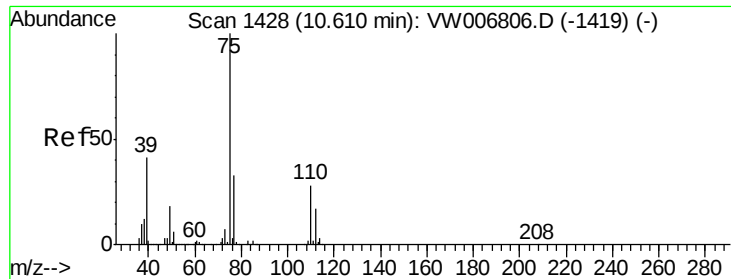
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#52
Toluene
Concen: 5.046 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 92 Resp: 37478
Ion Ratio Lower Upper
92 100
91 176.5 139.4 209.2





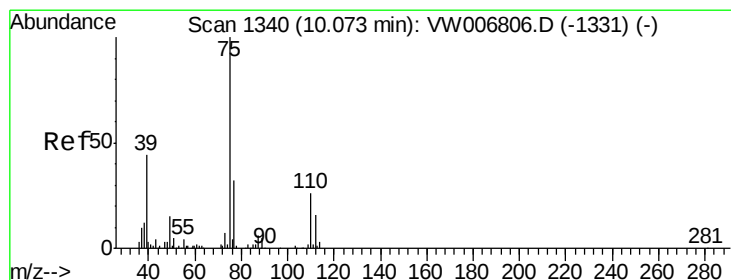
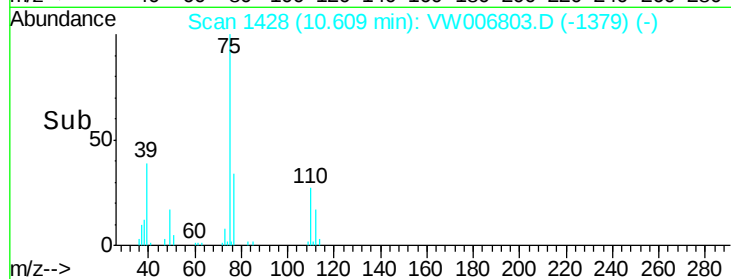
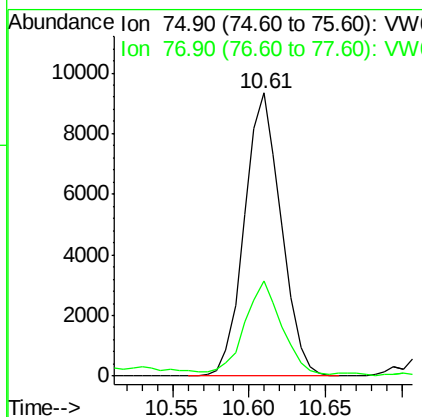
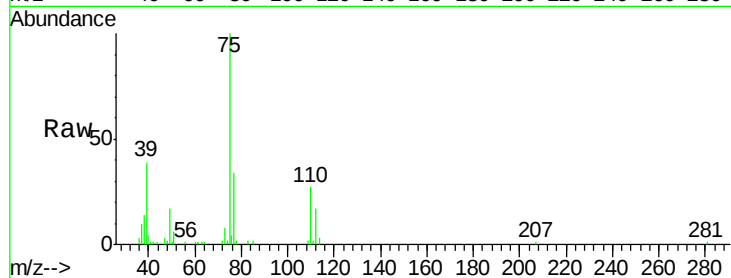
#53
t-1,3-Dichloropropene
Concen: 4.745 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 15554
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5

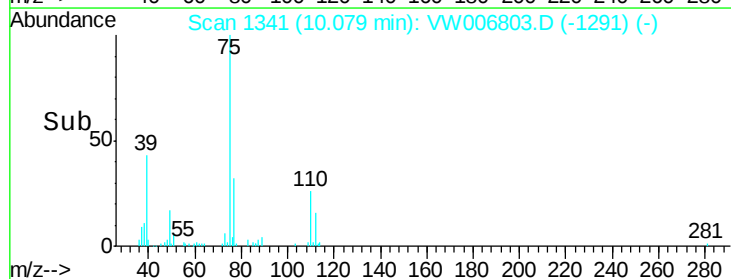
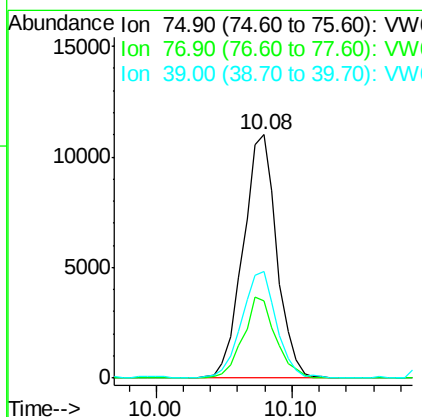
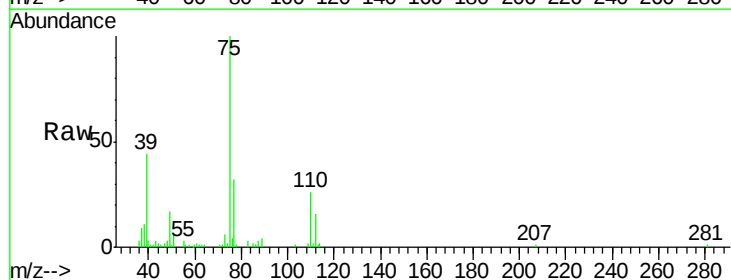
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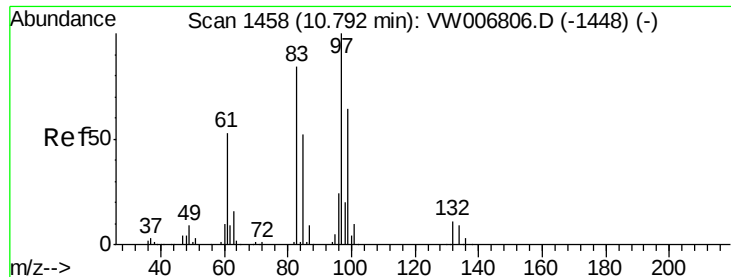
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#54
cis-1,3-Dichloropropene
Concen: 4.901 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 75 Resp: 19046
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 43.9 35.3 52.9





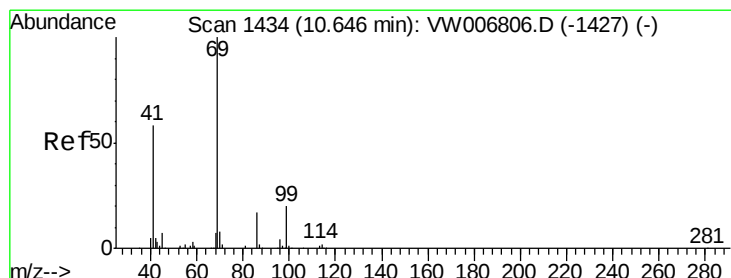
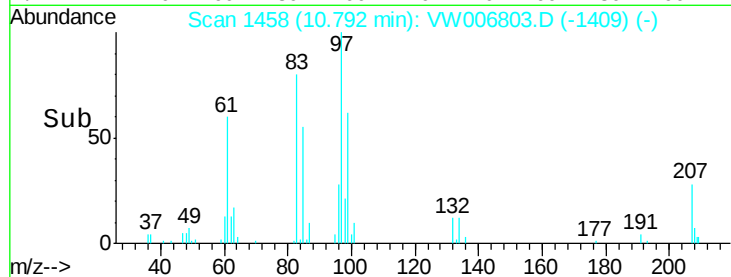
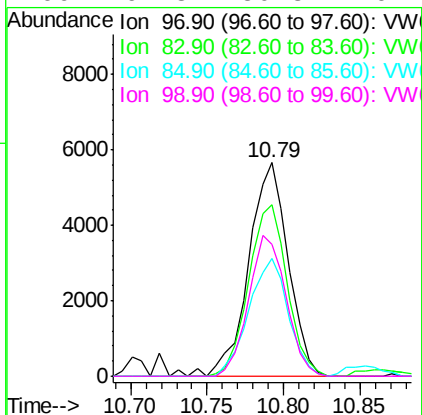
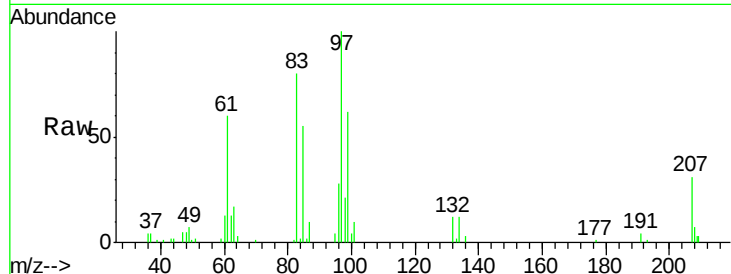
#55
 1,1,2-Trichloroethane
 Concen: 4.948 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	10154
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.0	100.4
85	55.2	41.7	62.5
99	61.8	50.8	76.2

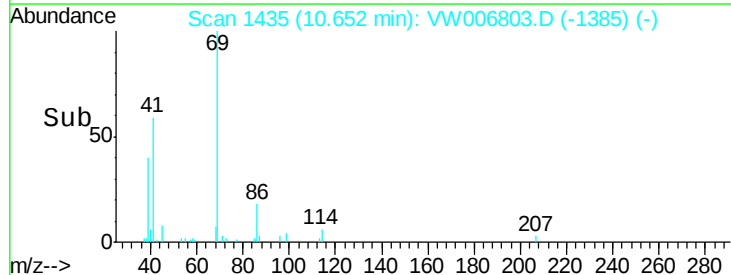
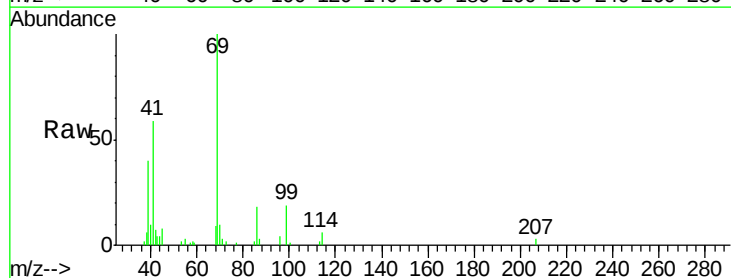
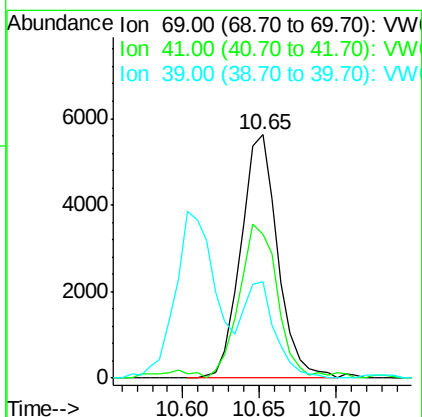
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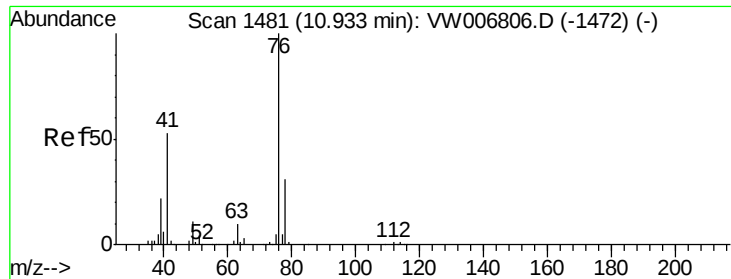
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#56
 Ethyl methacrylate
 Concen: 4.136 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion:	69	Resp:	9372
Ion	Ratio	Lower	Upper
69	100		
41	66.5	47.0	70.4
39	33.9	23.1	34.7





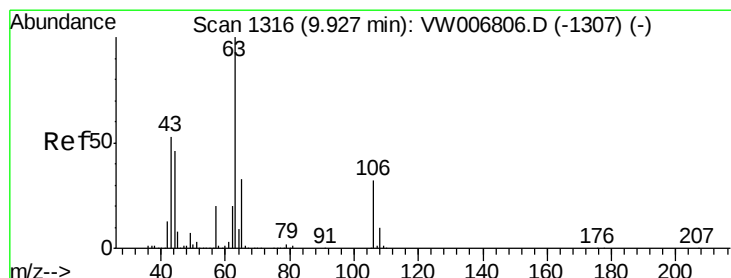
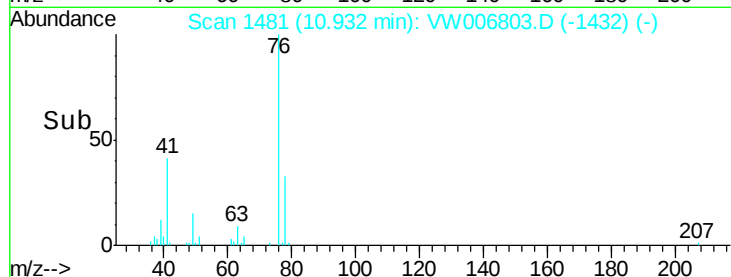
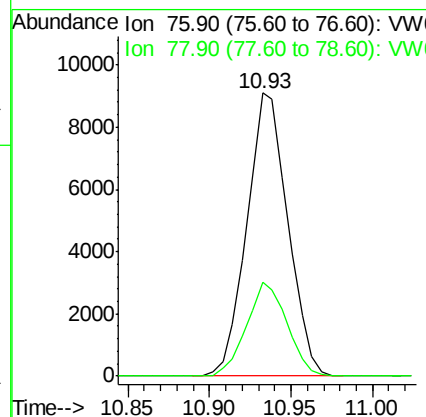
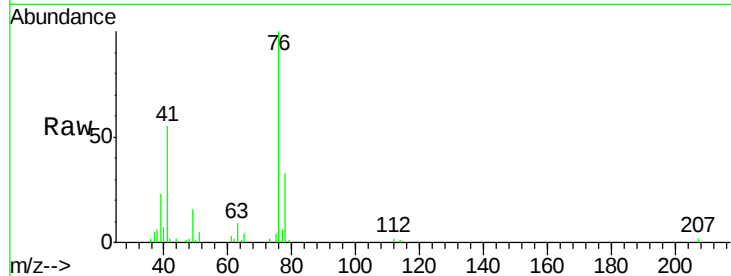
#57
 1,3-Dichloropropane
 Concen: 4.839 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 76 Resp: 15874
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

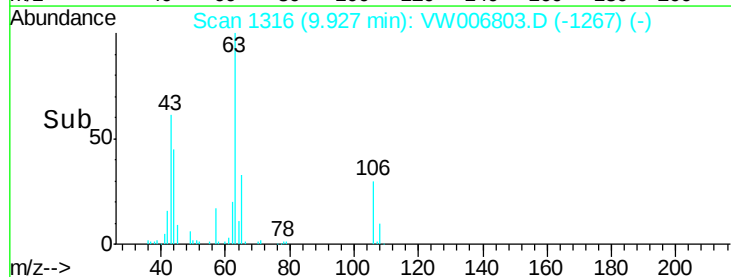
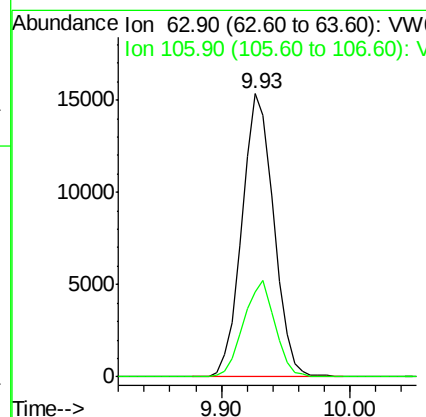
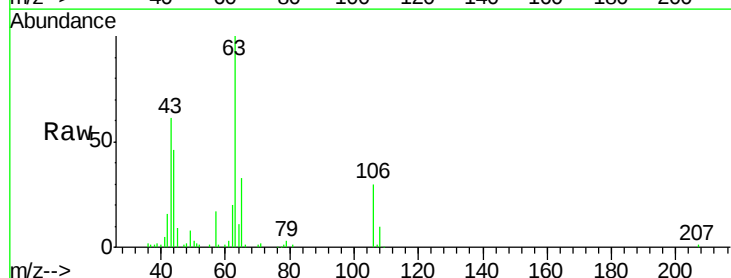
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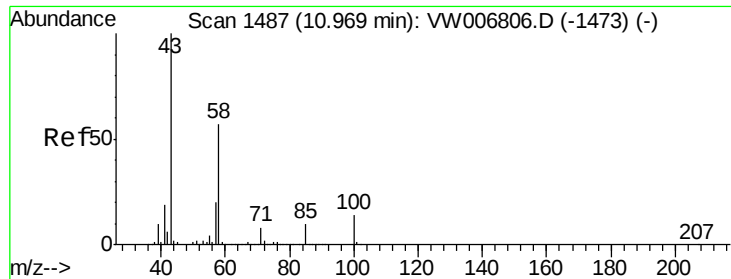
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#58
 2-Chloroethyl Vinyl ether
 Concen: 23.199 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 63 Resp: 26181
 Ion Ratio Lower Upper
 63 100
 106 33.5 25.4 38.0





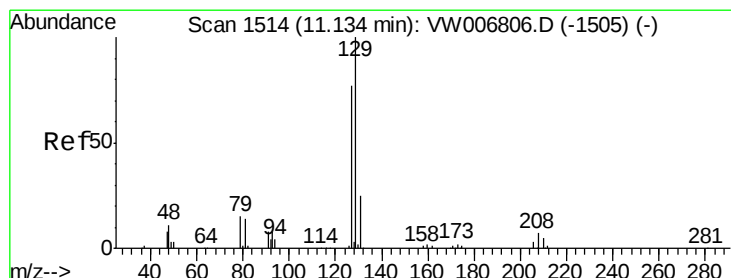
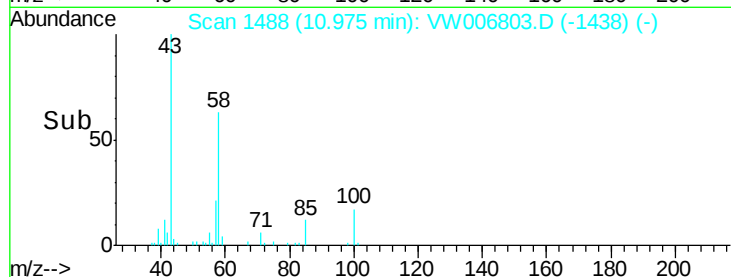
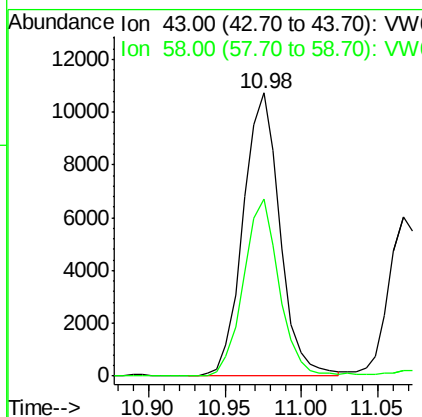
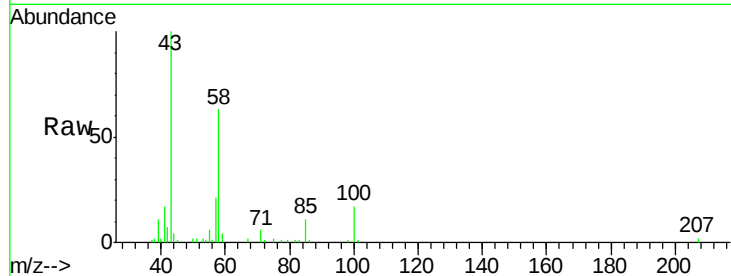
#59
2-Hexanone
Concen: 20.700 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 17952
Ion Ratio Lower Upper
43 100
58 60.7 28.7 86.1

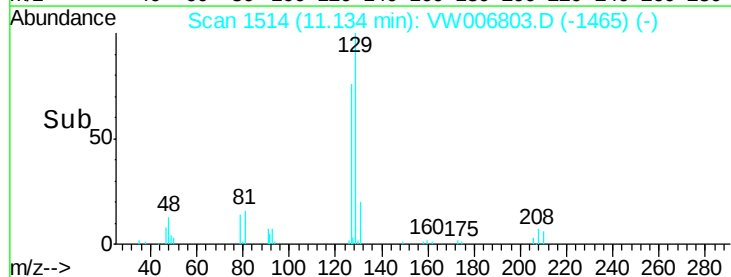
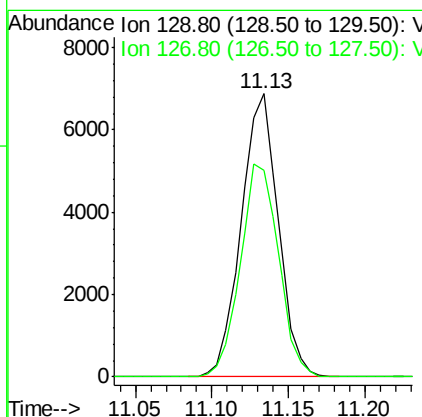
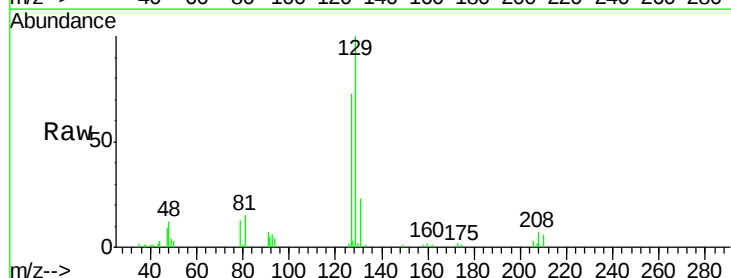
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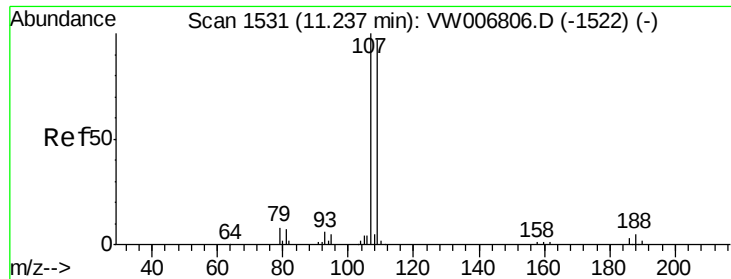
apatel
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#60
Dibromochloromethane
Concen: 4.692 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 129 Resp: 11575
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





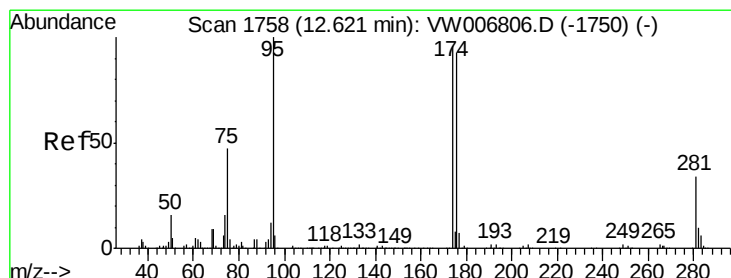
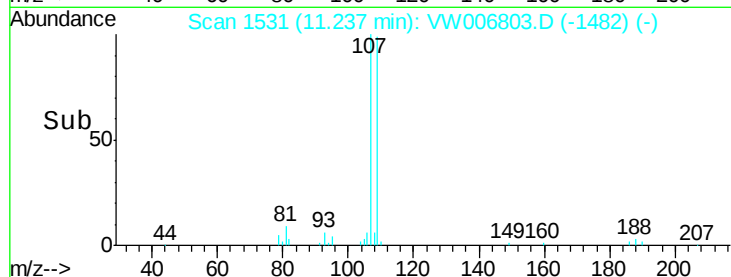
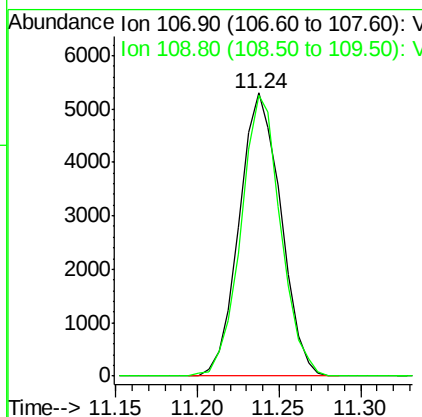
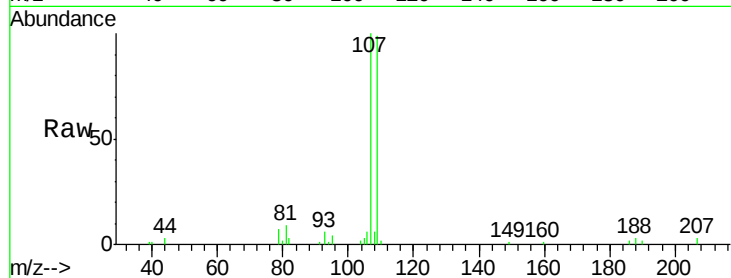
#61
 1,2-Dibromoethane
 Concen: 4.757 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 9392
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.7 115.1

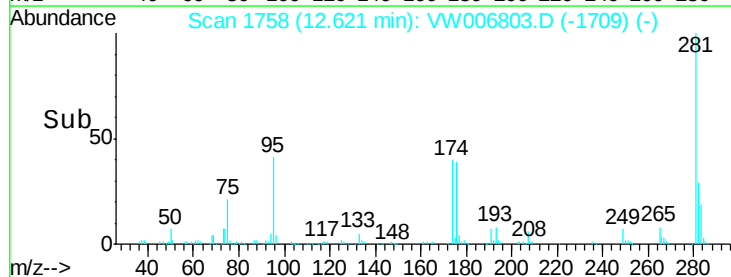
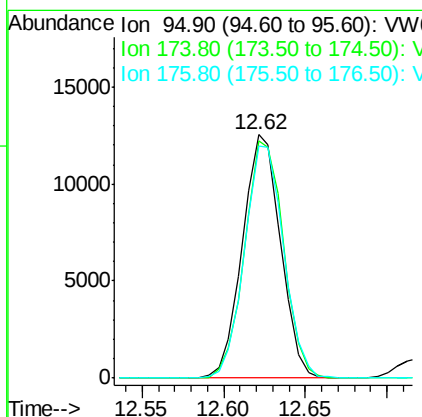
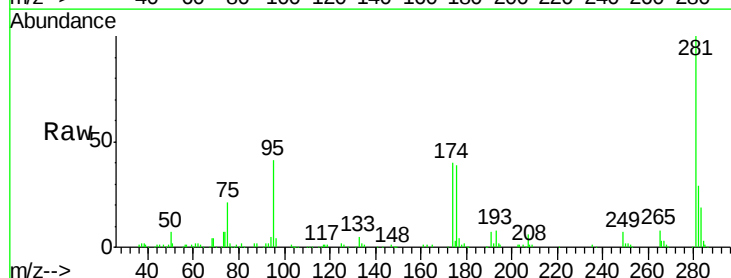
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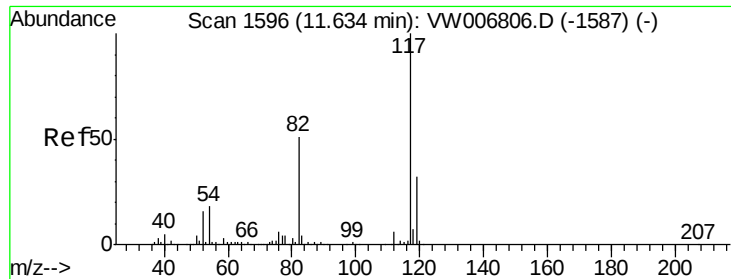
apatel
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#62
 4-Bromofluorobenzene
 Concen: 5.668 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 95 Resp: 20386
 Ion Ratio Lower Upper
 95 100
 174 99.2 0.0 196.6
 176 97.9 0.0 191.6





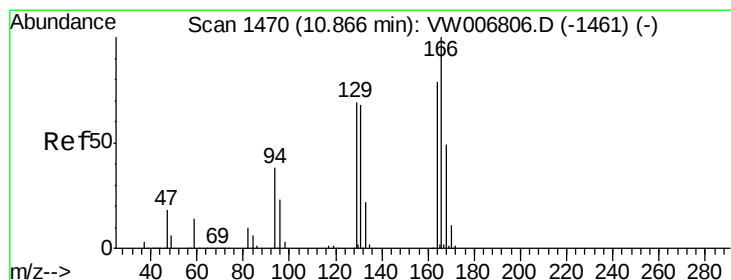
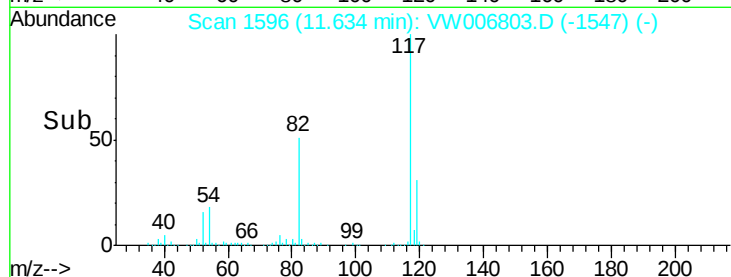
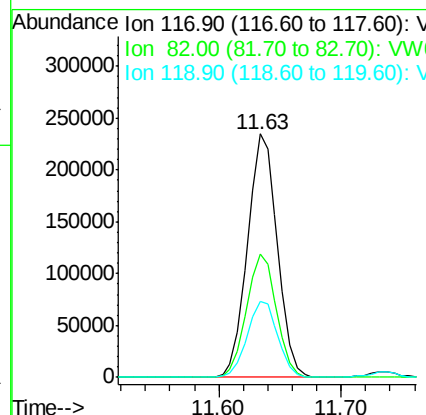
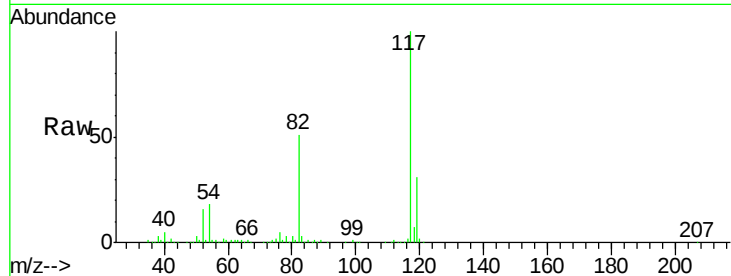
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	395936		
82	50.9		40.6	61.0
119	31.4		25.5	38.3

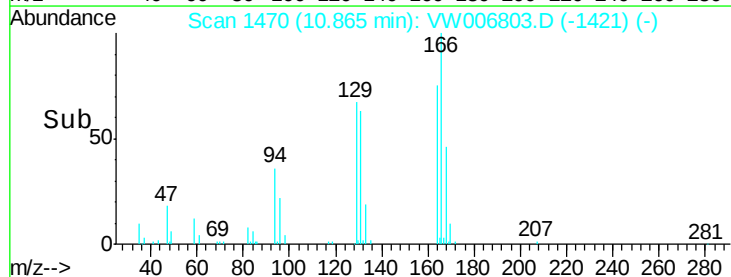
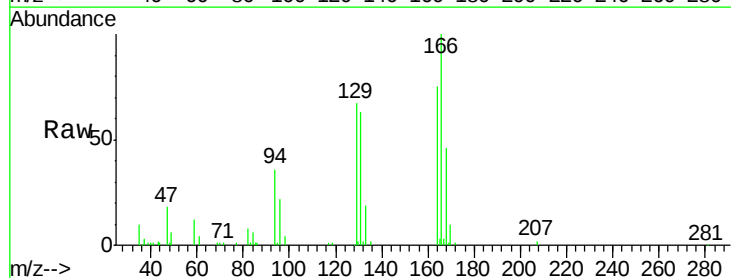
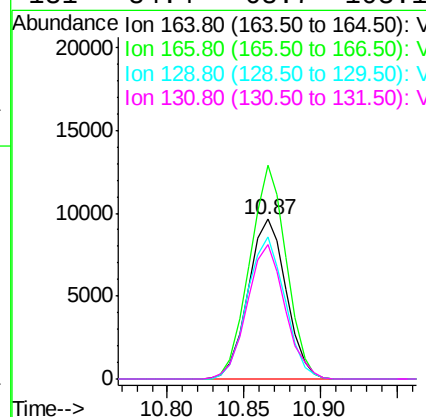
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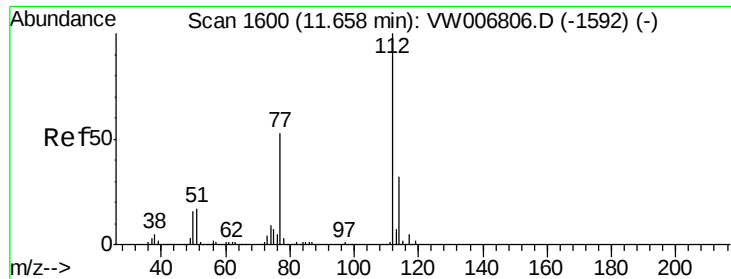
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#64
Tetrachloroethene
Concen: 5.497 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	16619		
166	133.8		101.3	151.9
129	89.4		69.6	104.4
131	84.4		68.7	103.1





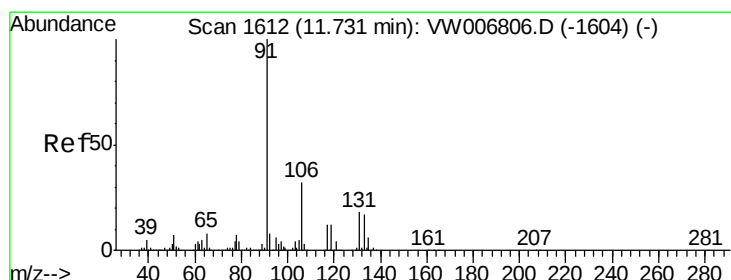
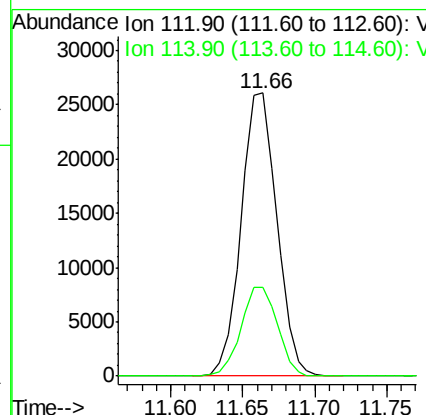
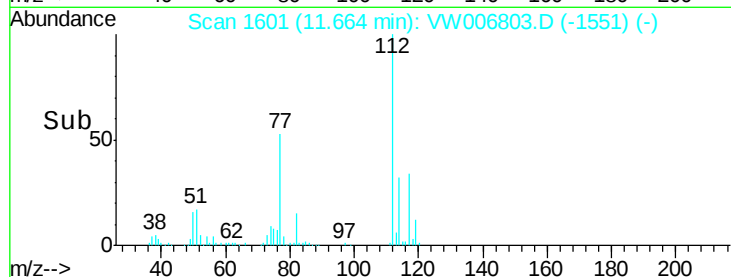
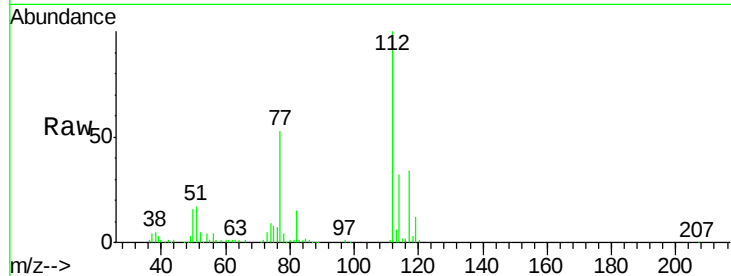
#65
Chlorobenzene
Concen: 5.324 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 44872
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

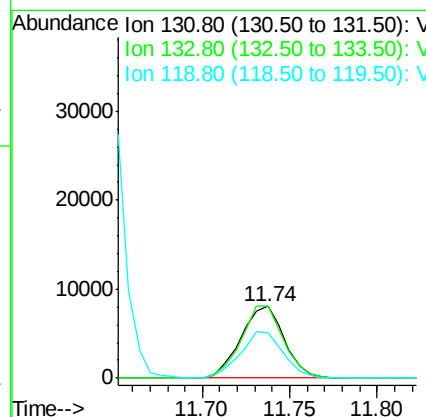
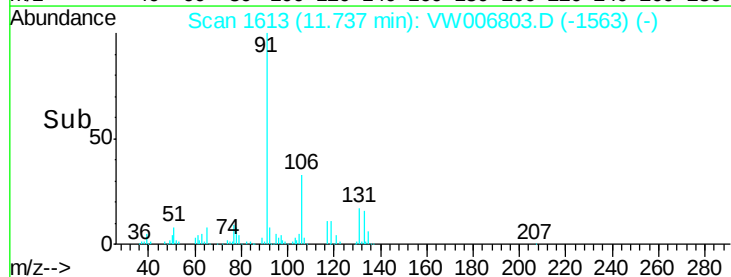
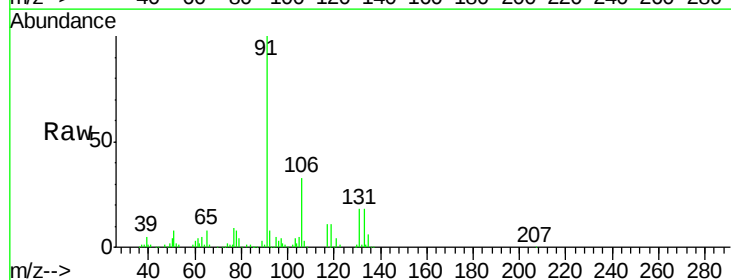
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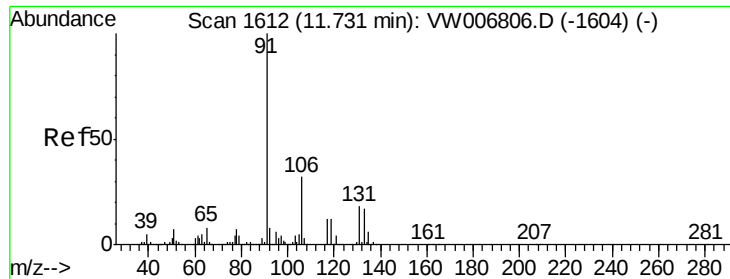
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.127 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion:131 Resp: 13841
Ion Ratio Lower Upper
131 100
133 98.8 47.9 143.8
119 64.4 32.4 97.2





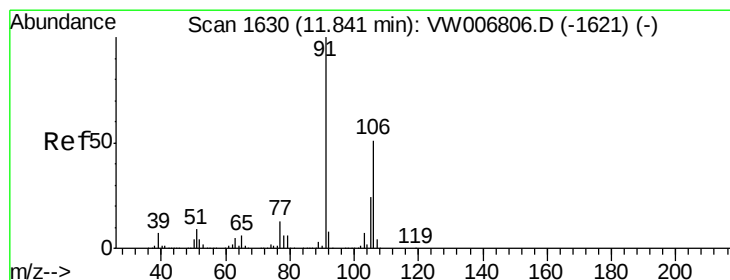
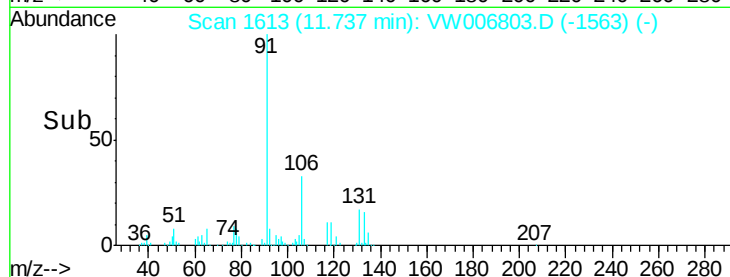
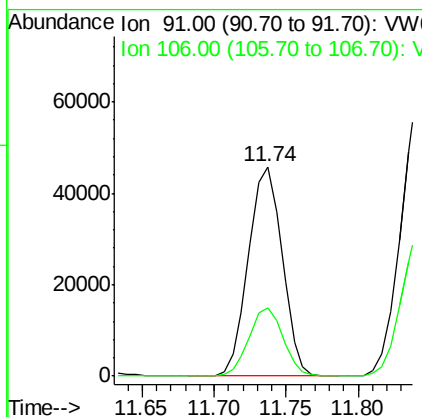
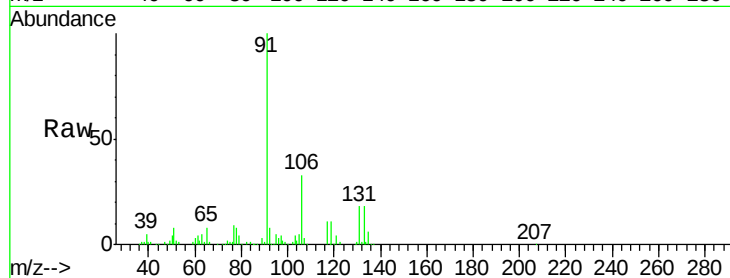
#67
Ethyl Benzene
Concen: 5.257 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 74528
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0

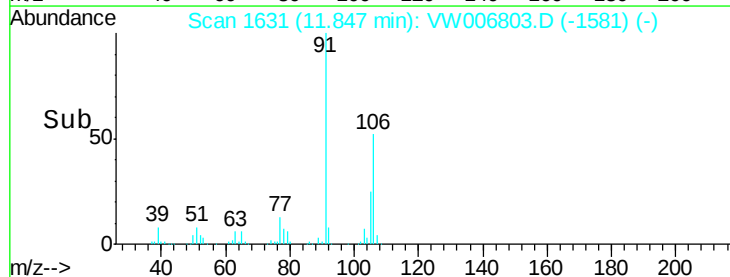
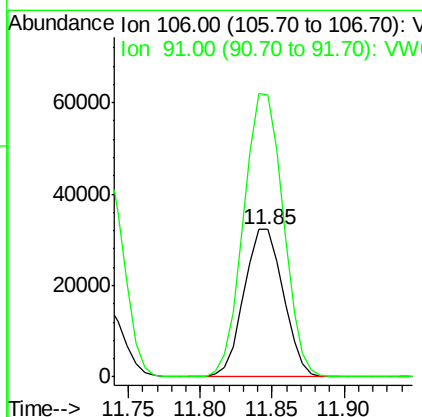
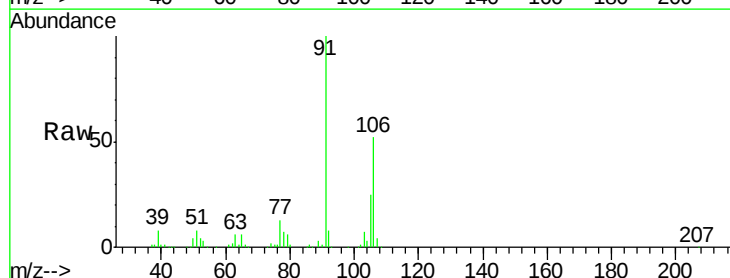
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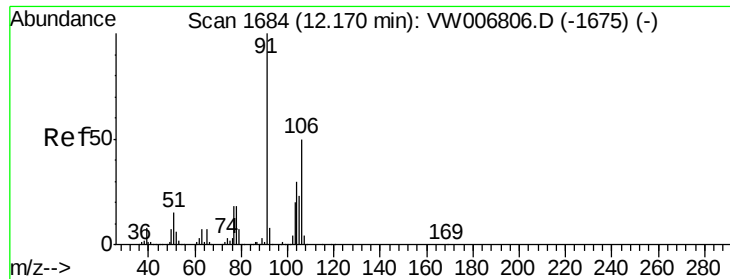
apatel
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#68
m/p-Xylenes
Concen: 10.571 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 106 Resp: 61131
Ion Ratio Lower Upper
106 100
91 194.5 155.7 233.5





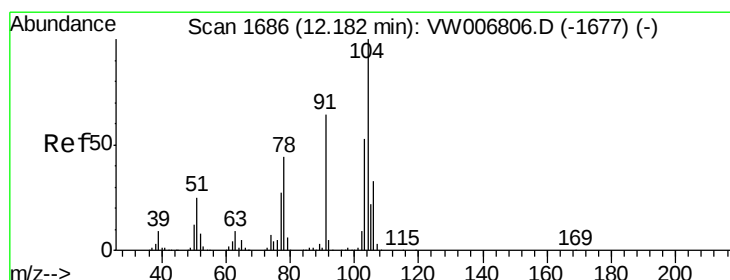
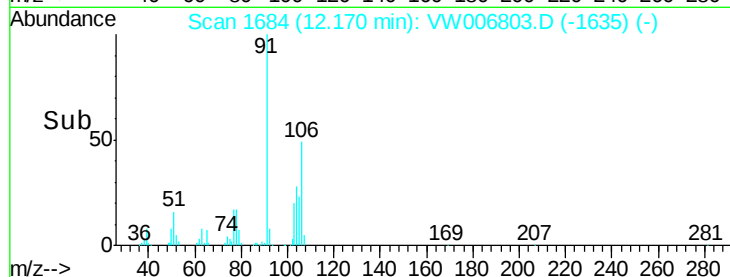
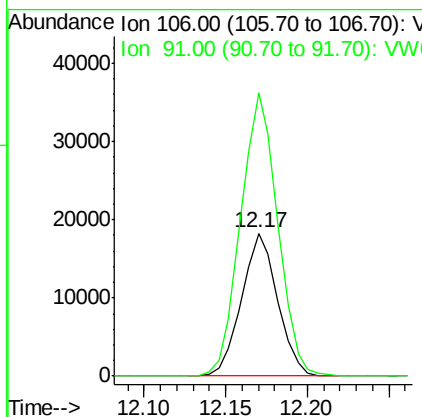
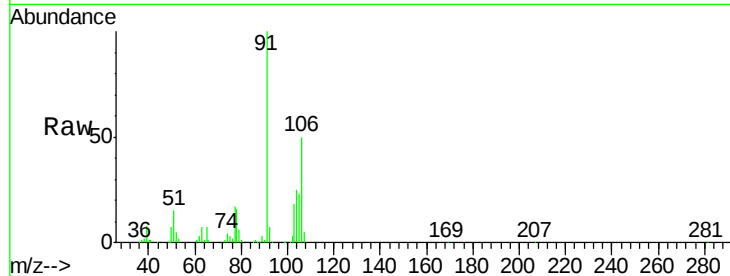
#69
o-Xylene
Concen: 5.266 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 28037
Ion Ratio Lower Upper
106 100
91 204.6 101.9 305.7

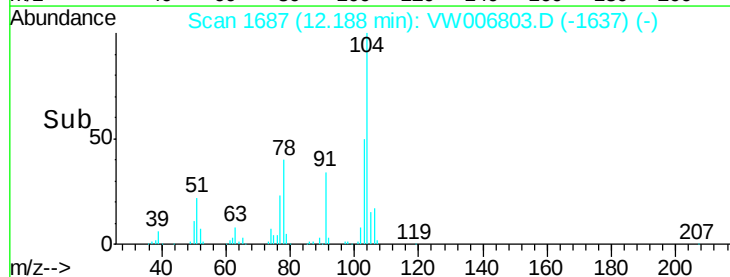
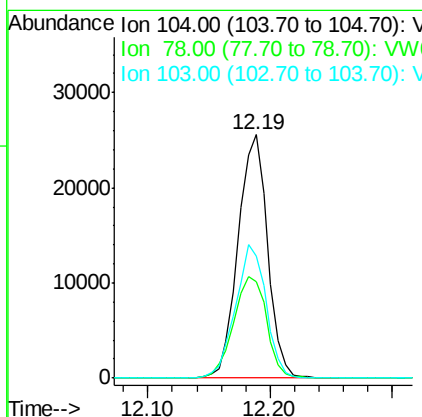
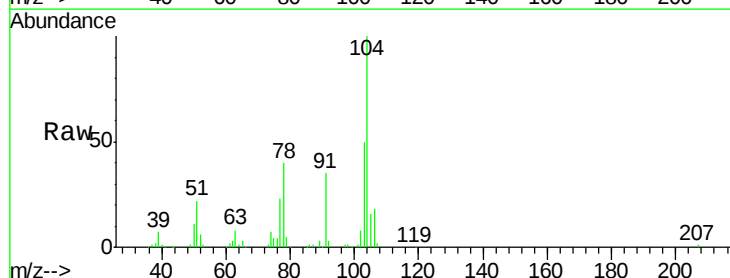
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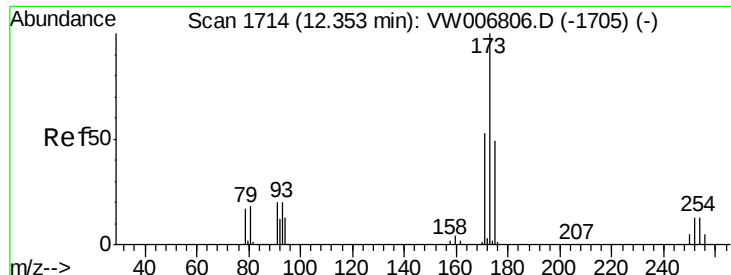
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#70
Styrene
Concen: 4.937 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion:104 Resp: 42722
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 57.0 44.6 66.8





#71

Bromoform

Concen: 4.675 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 6992

Ion Ratio Lower Upper

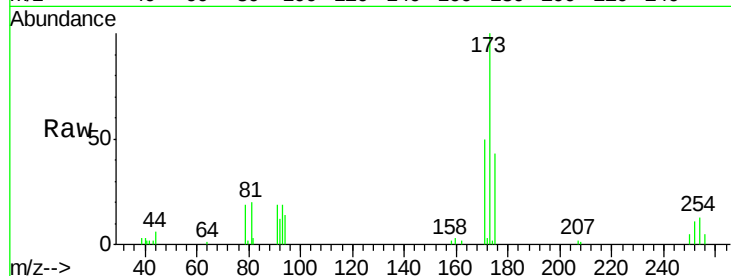
173 100

175 47.2 24.4 73.4

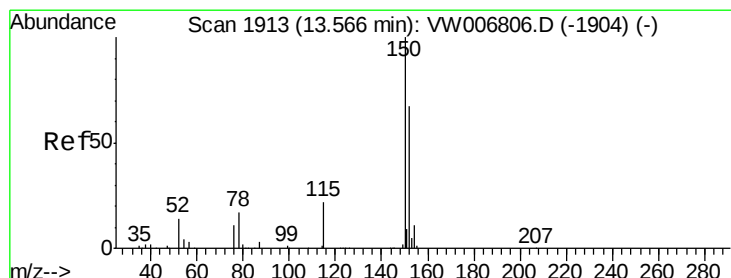
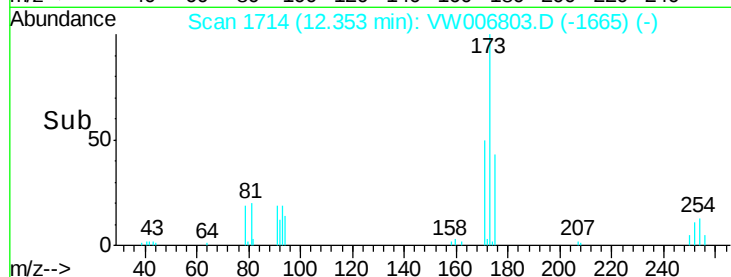
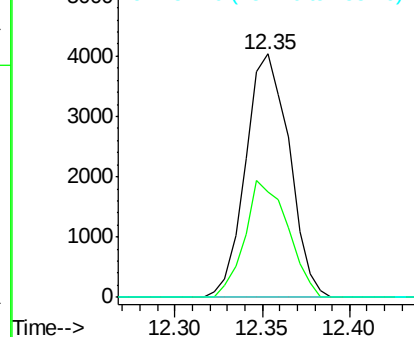
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

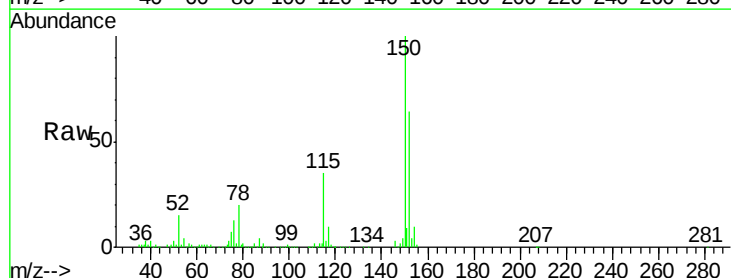
Tgt Ion:152 Resp: 224605

Ion Ratio Lower Upper

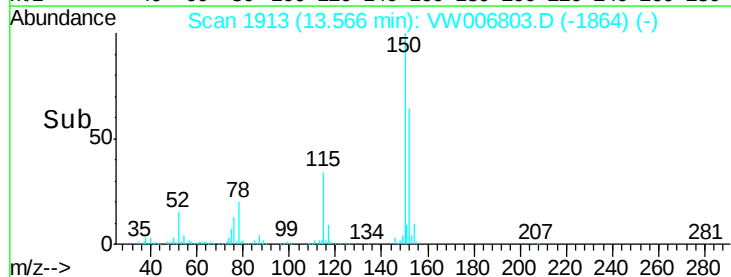
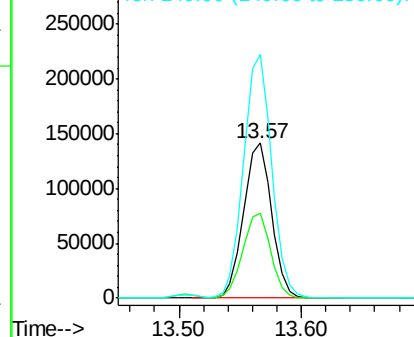
152 100

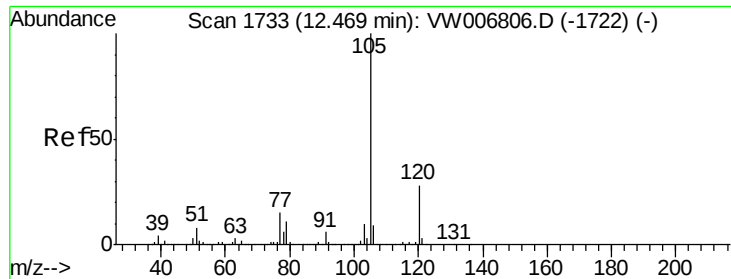
115 54.2 27.3 81.8

150 158.0 0.0 353.0



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





#73

Isopropylbenzene

Concen: 5.264 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 76076

Ion Ratio Lower Upper

105 100

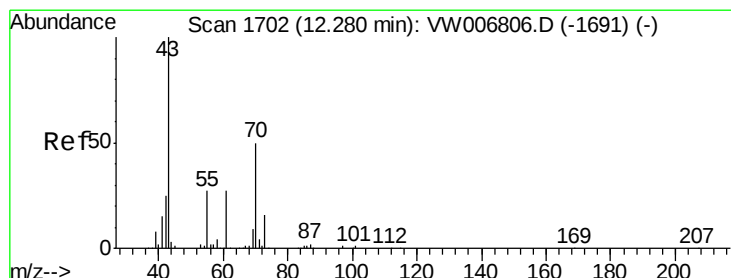
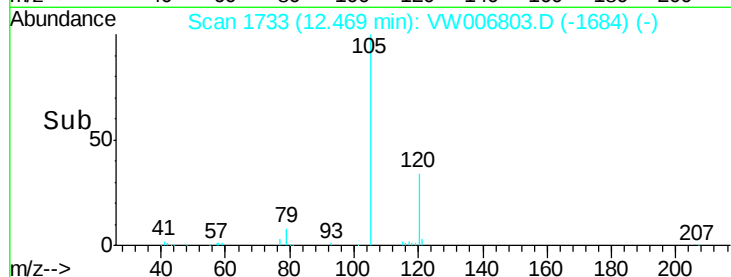
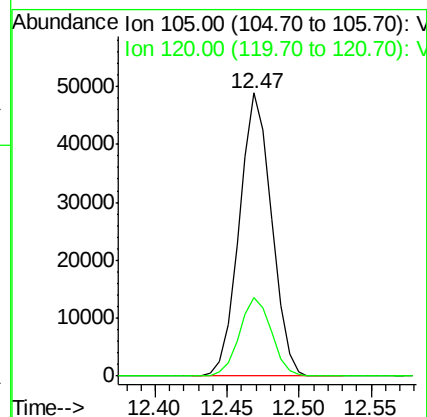
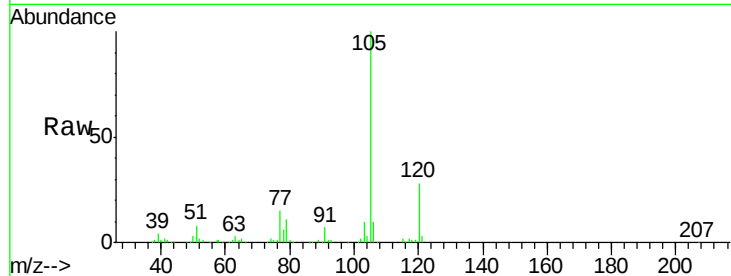
120 27.6 14.0 42.0

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#74

N-ethyl acetate

Concen: 4.353 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion: 43 Resp: 10253

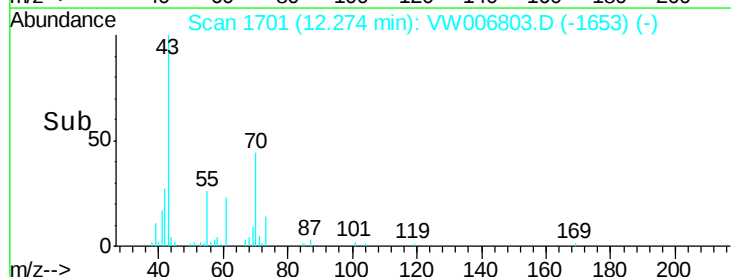
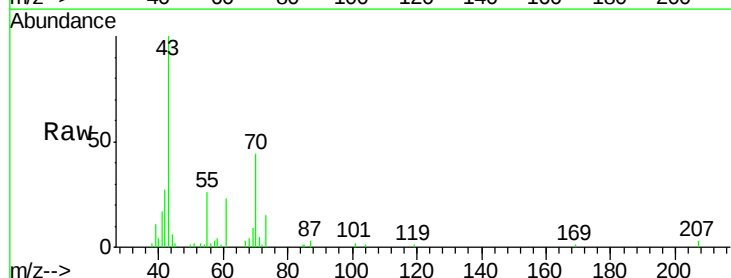
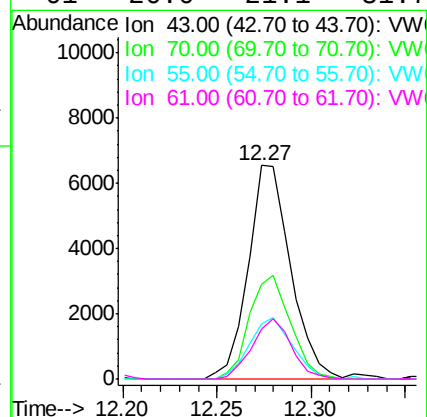
Ion Ratio Lower Upper

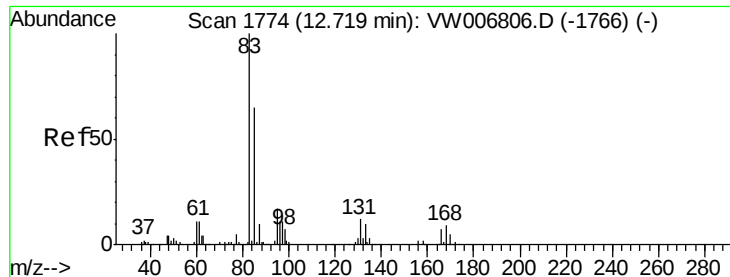
43 100

70 46.7 39.0 58.4

55 28.9 22.1 33.1

61 26.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 4.812 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

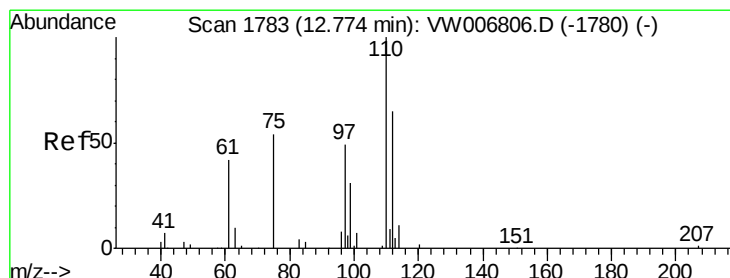
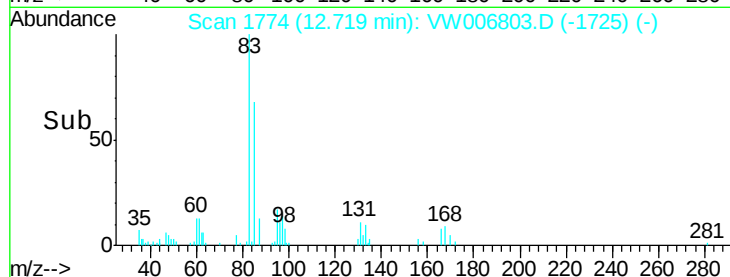
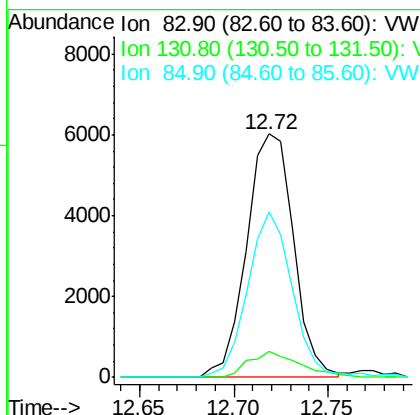
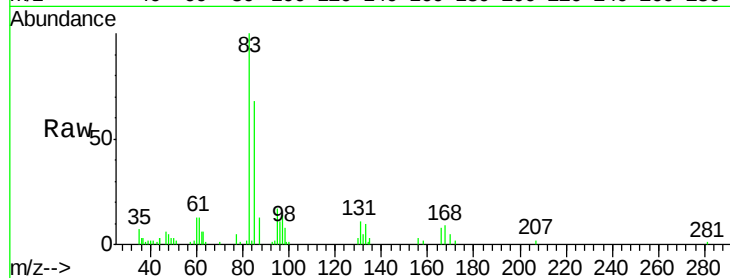
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	10360
Ion Ratio	Lower	Upper	
83	100		
131	11.8	6.1	18.3
85	65.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 4.769 ug/l m

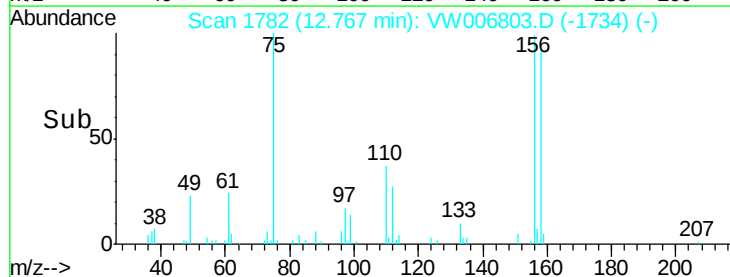
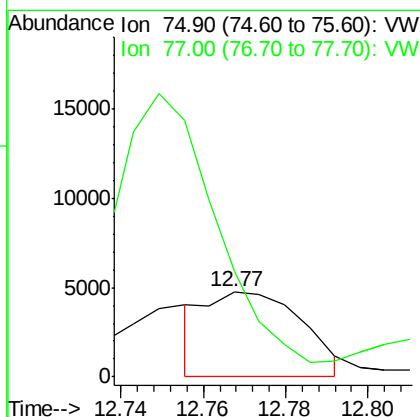
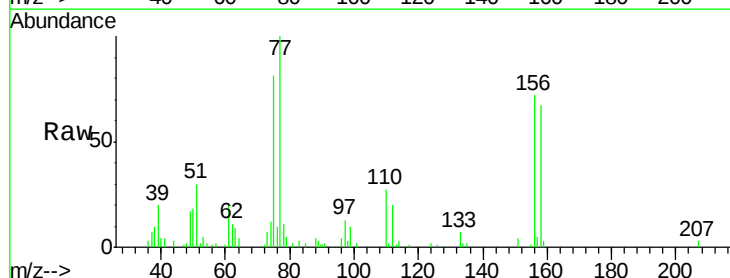
RT: 12.77 min Scan# 1782

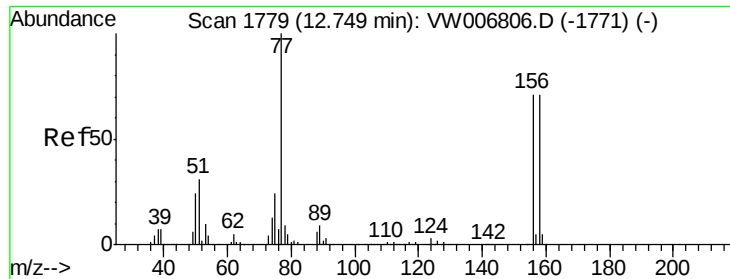
Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion:	75	Resp:	7811
Ion Ratio	Lower	Upper	
75	100		
77	365.1	0.0	0.0#





#77

Bromobenzene

Concen: 5.344 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:156 Resp: 19970

Ion Ratio Lower Upper

156 100

77 142.8 75.3 225.7

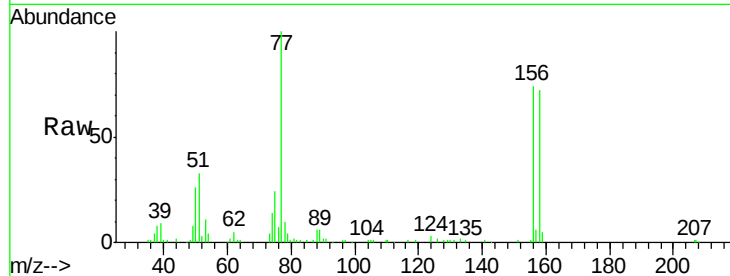
158 95.8 49.2 147.6

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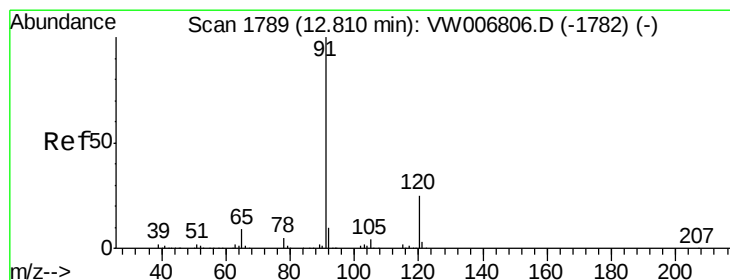
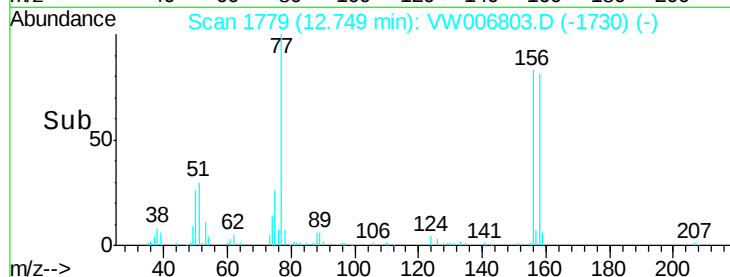
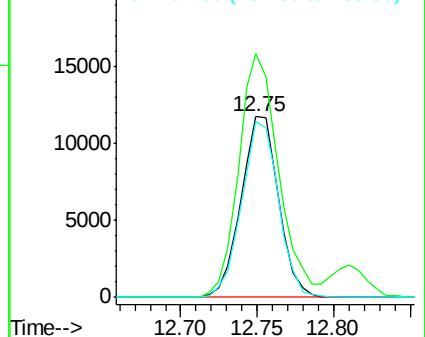
11/13/2018 11:53:30 AM



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: 5.376 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006803.D

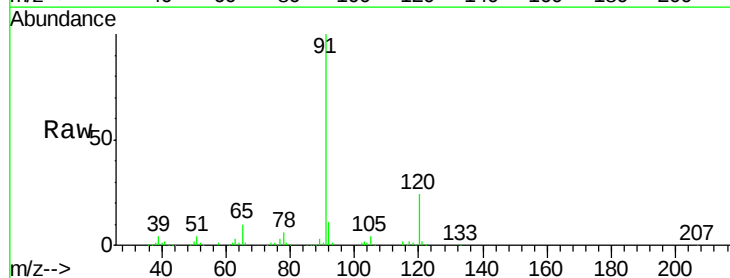
Acq: 12 Nov 2018 12:25

Tgt Ion: 91 Resp: 92314

Ion Ratio Lower Upper

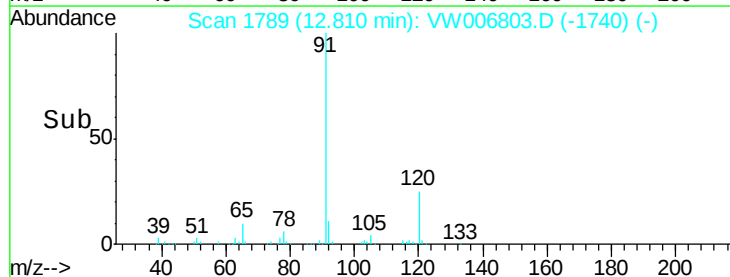
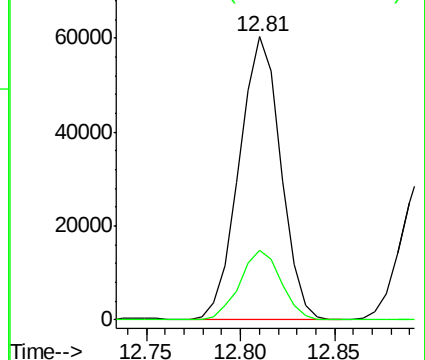
91 100

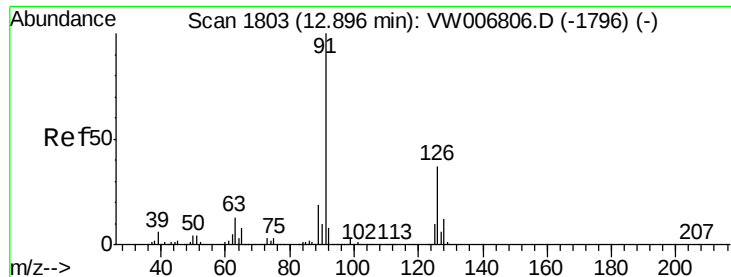
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





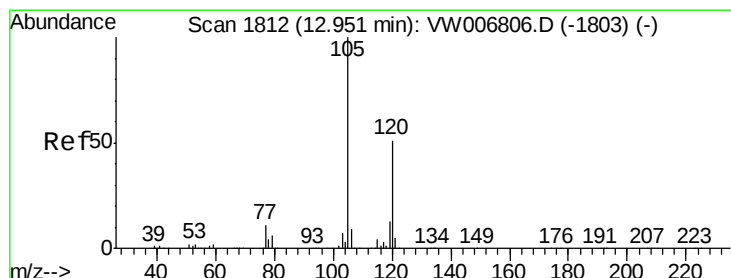
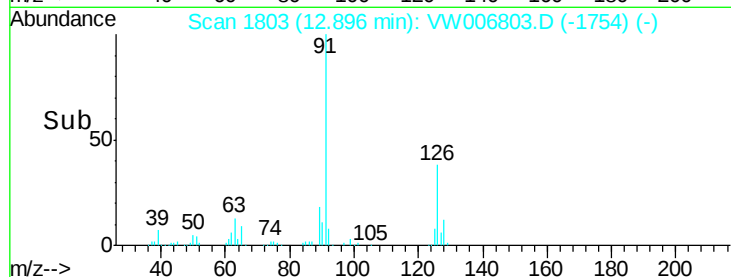
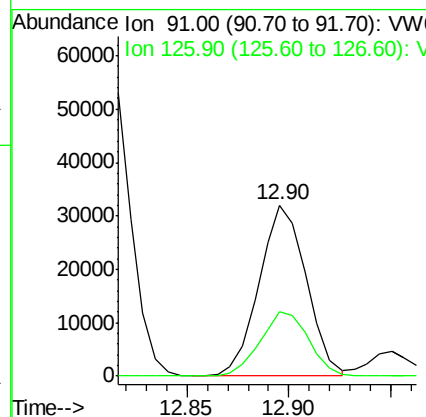
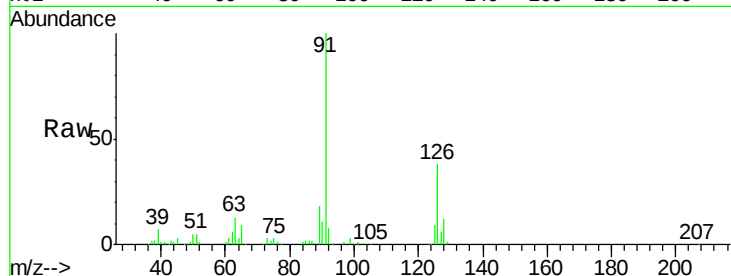
#79
 2-Chlorotoluene
 Concen: 5.332 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 51581
 Ion Ratio Lower Upper
 91 100
 126 38.9 18.5 55.5

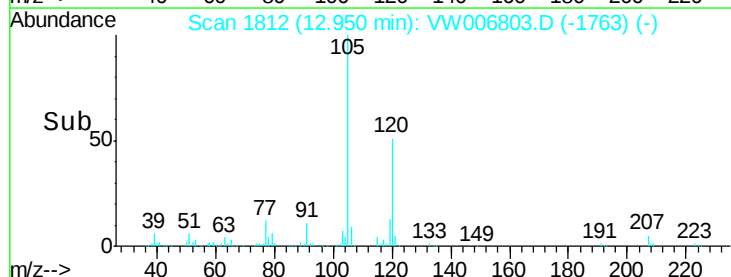
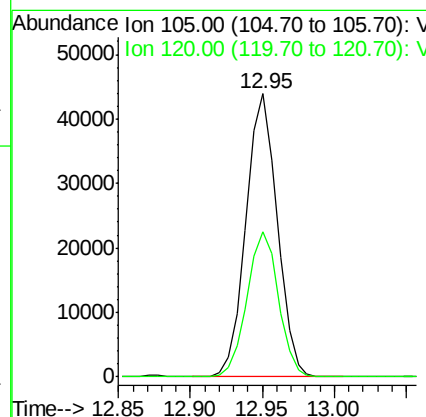
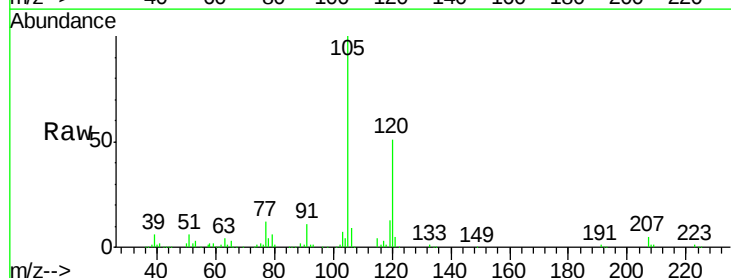
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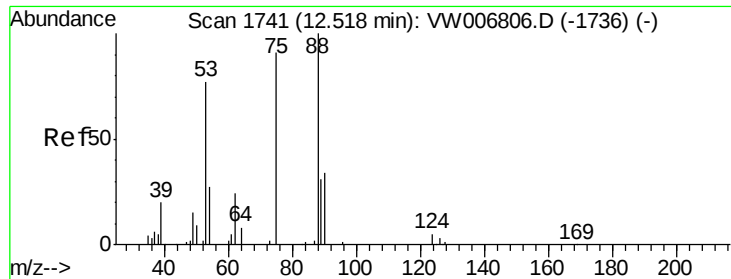
apatel
 11/13/2018 11:53:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 5.272 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 105 Resp: 66013
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.3 75.9





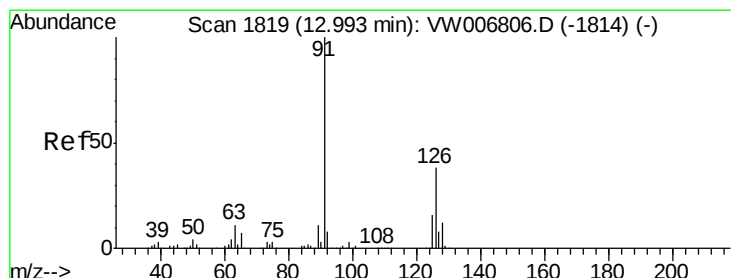
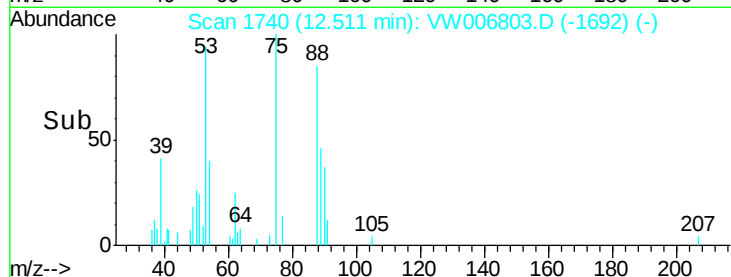
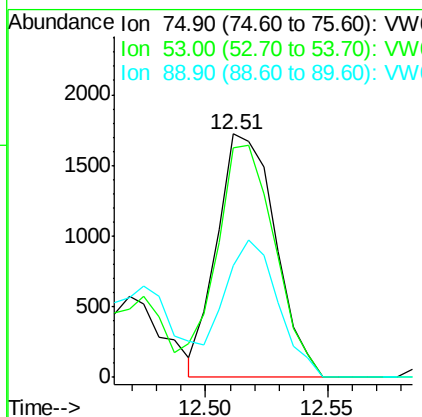
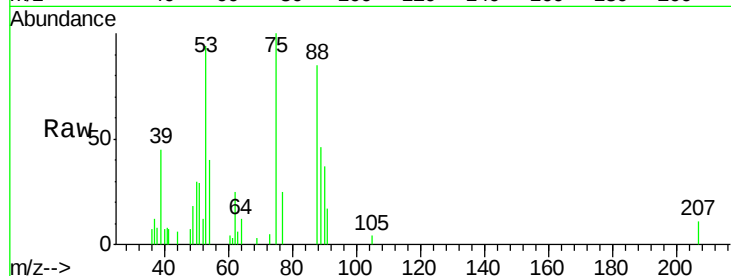
#81
trans-1,4-Dichloro-2-butene
Concen: 4.628 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.1	72.9	109.3
89	51.2	38.7	58.1

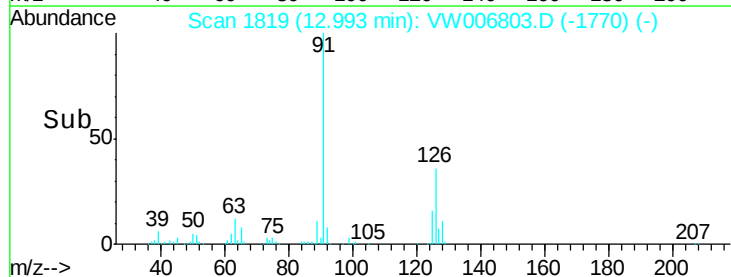
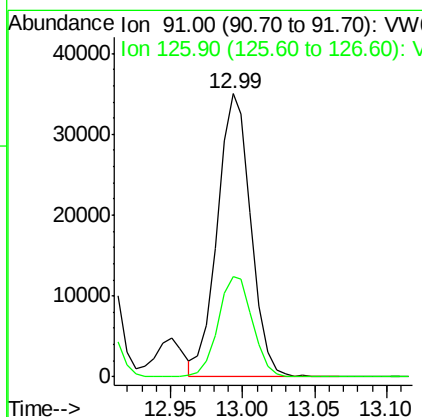
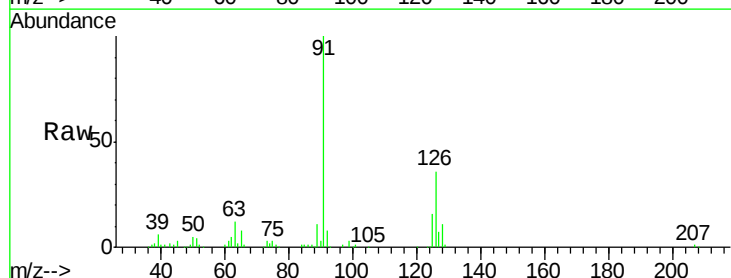
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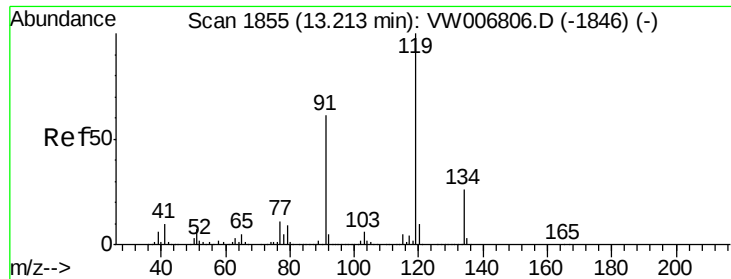
apatel
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#82
4-Chlorotoluene
Concen: 5.491 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.4	55.2





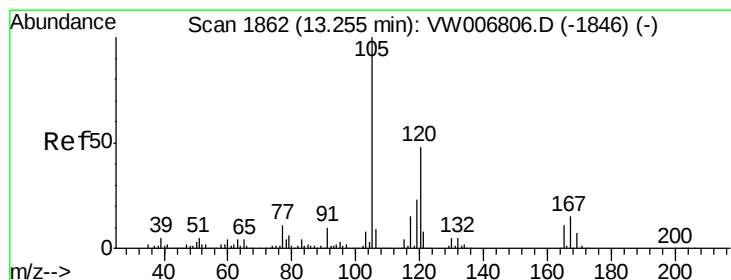
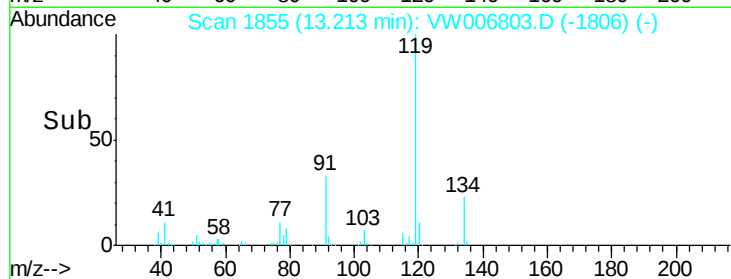
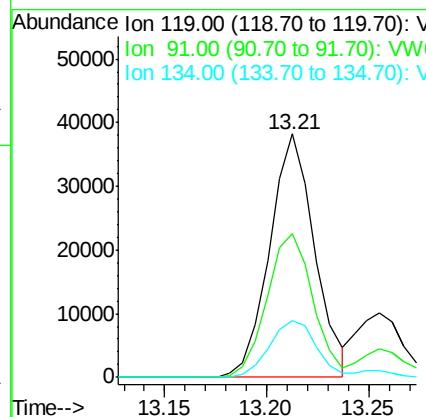
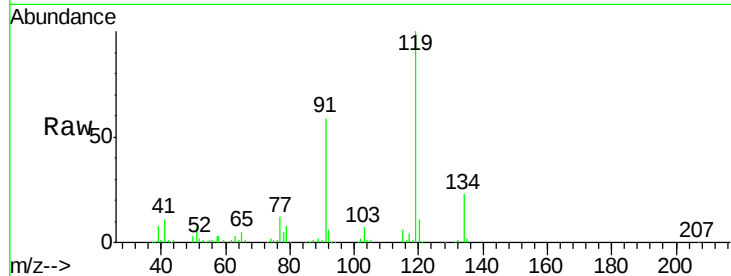
#83
 tert-Butylbenzene
 Concen: 5.432 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.0	90.1
134	24.7	13.4	40.2

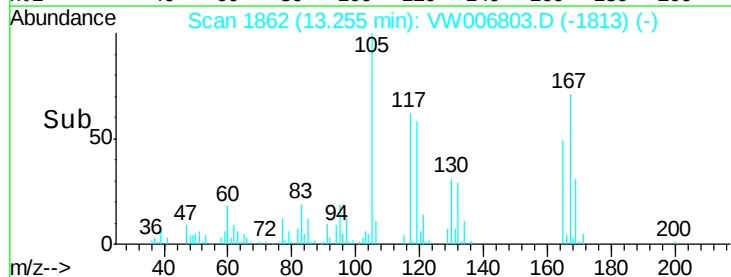
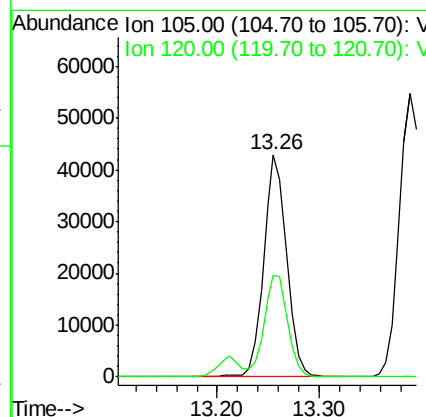
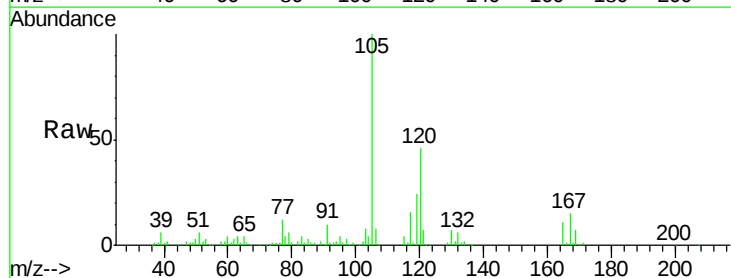
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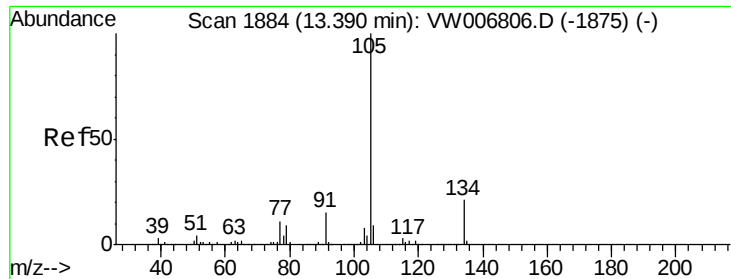
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.249 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 5.458 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 84510

Ion Ratio Lower Upper

105 100

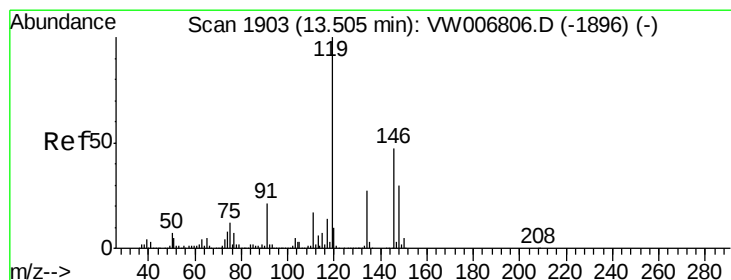
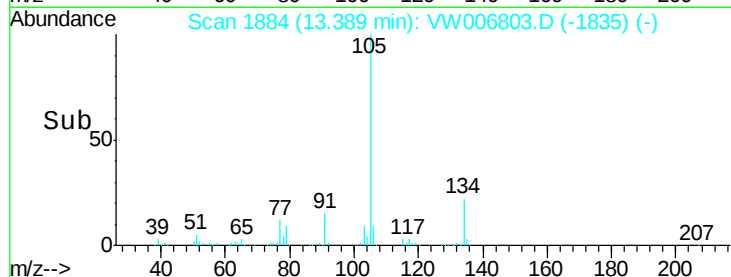
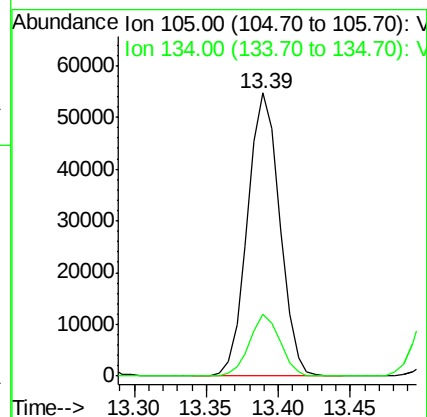
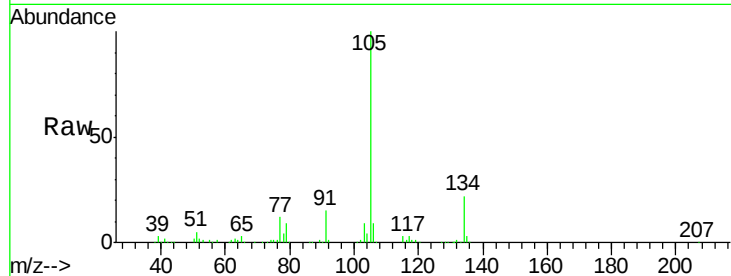
134 20.6 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 5.345 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

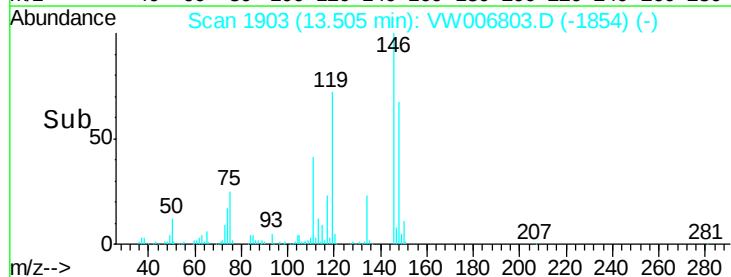
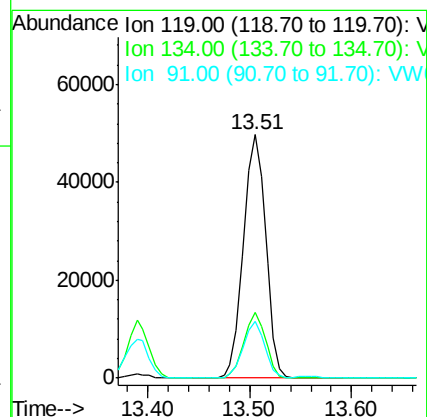
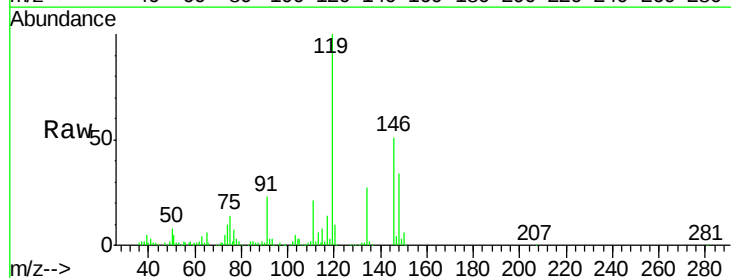
Tgt Ion:119 Resp: 75492

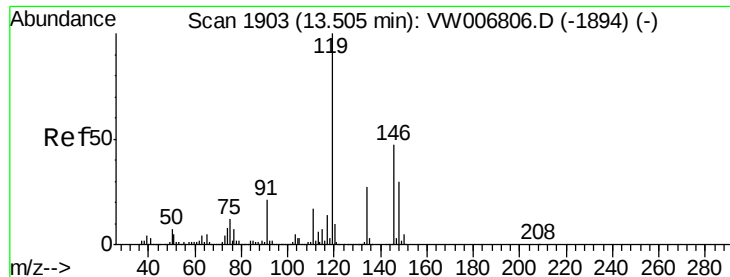
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

91 22.6 10.8 32.4





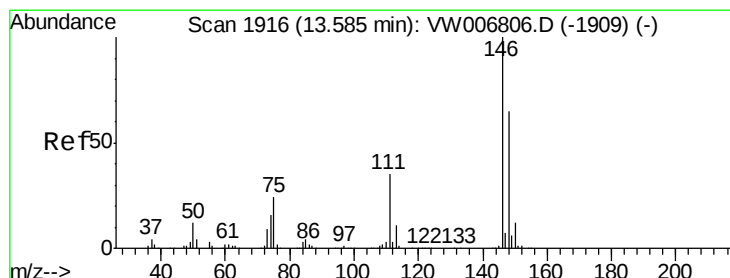
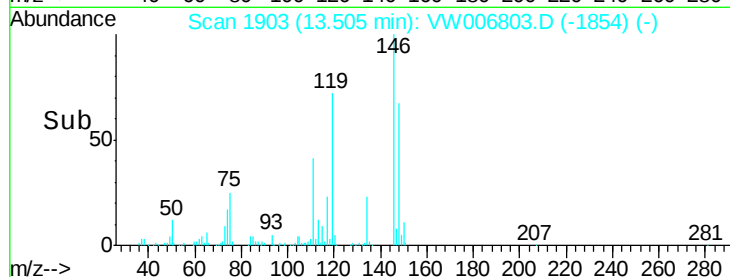
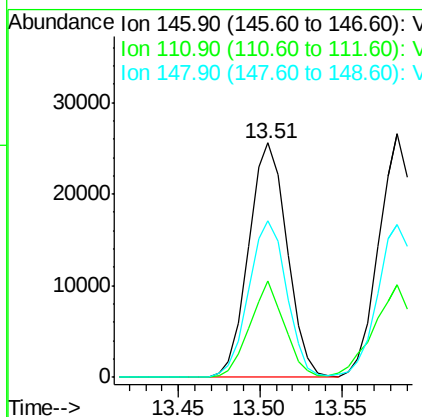
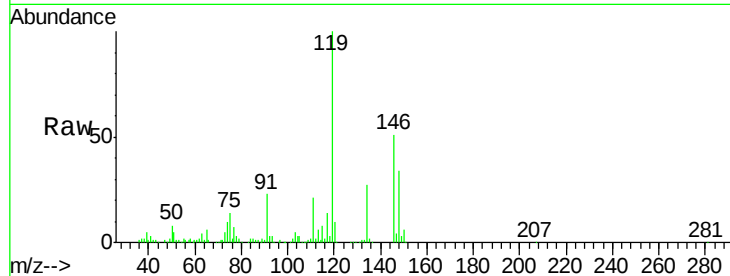
#87
 1,3-Dichlorobenzene
 Concen: 5.539 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.9
148	65.9	31.9	95.9

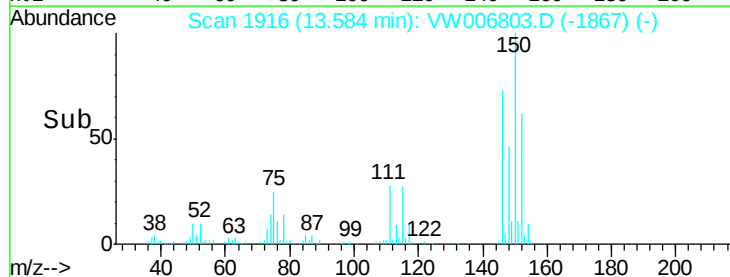
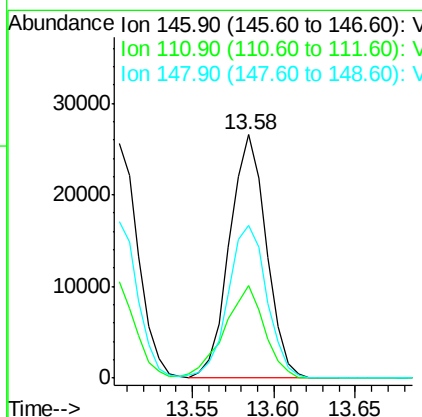
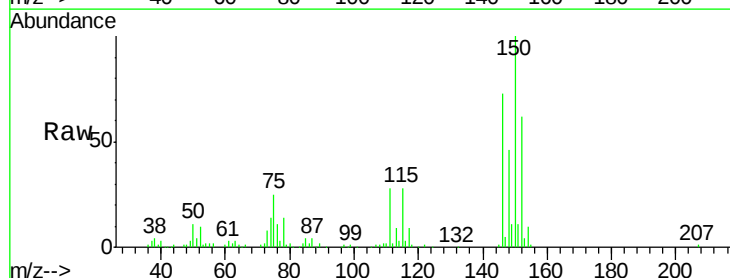
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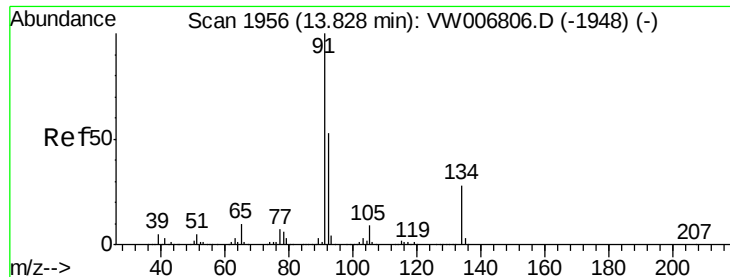
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#88
 1,4-Dichlorobenzene
 Concen: 5.528 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	17.8	53.3
148	66.1	32.0	96.0





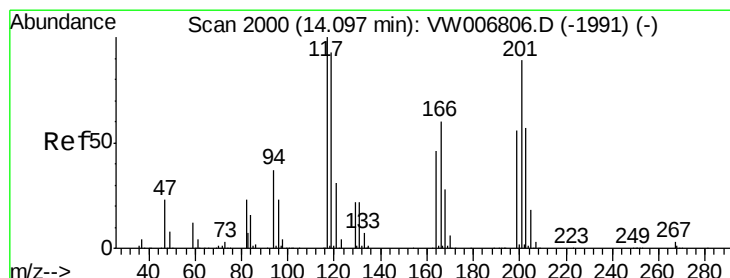
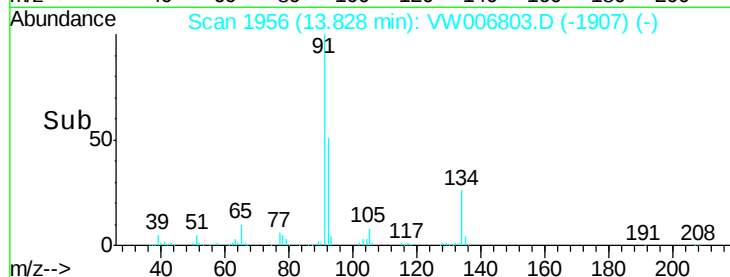
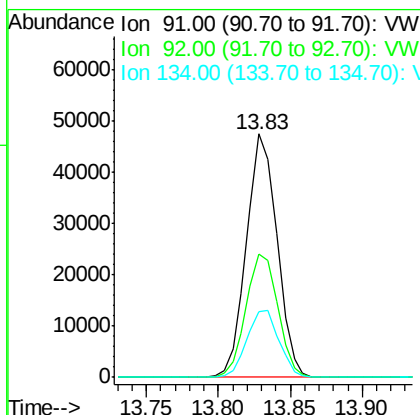
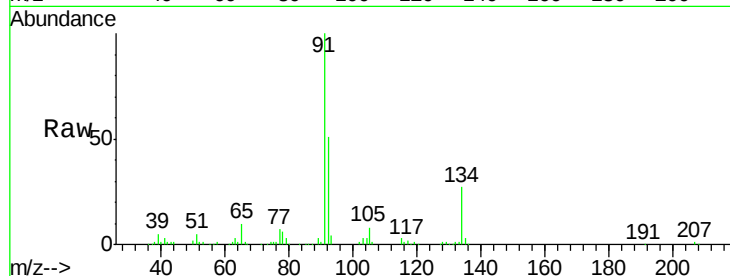
#89
n-Butylbenzene
Concen: 5.376 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.4
134	28.4	14.4	43.2

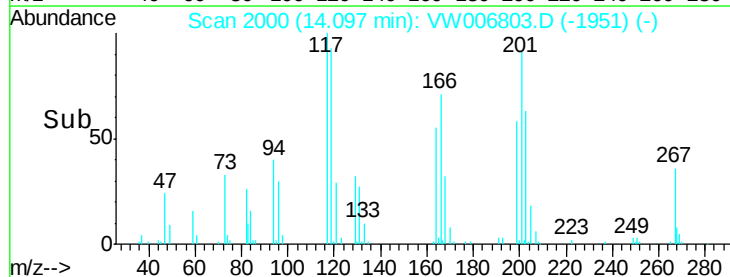
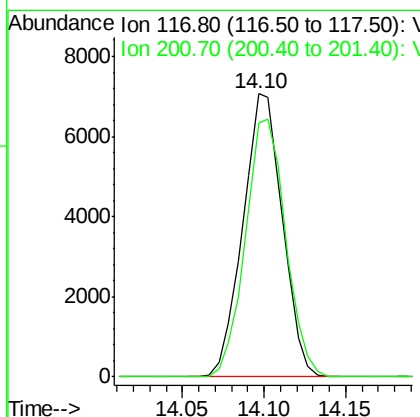
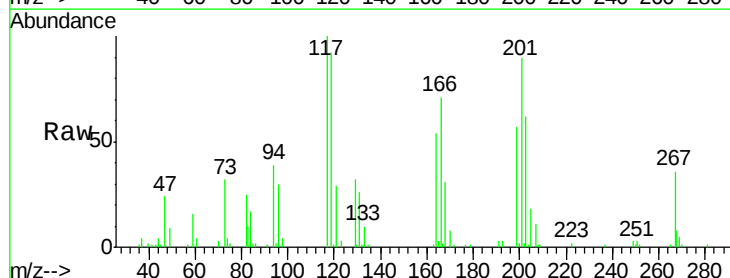
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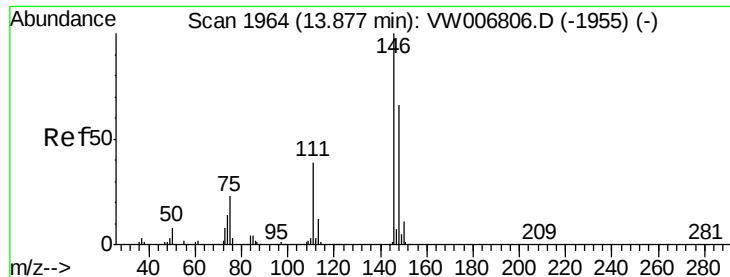
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#90
Hexachloroethane
Concen: 5.383 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	46.9	140.6





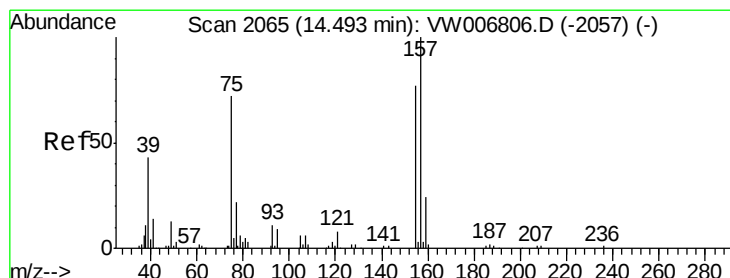
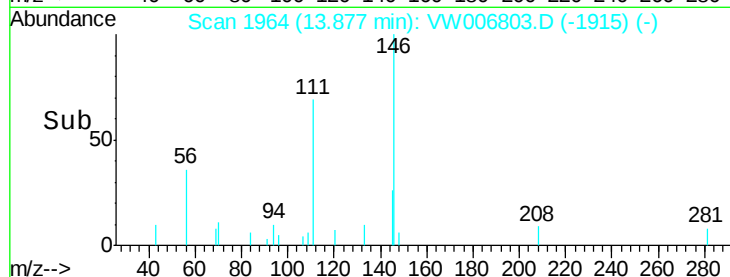
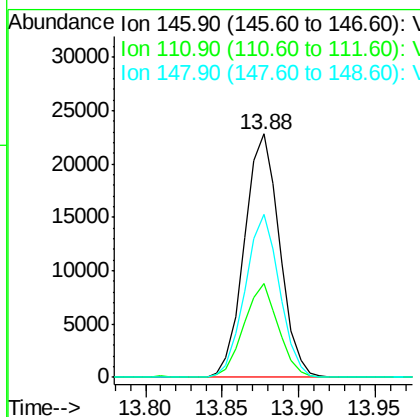
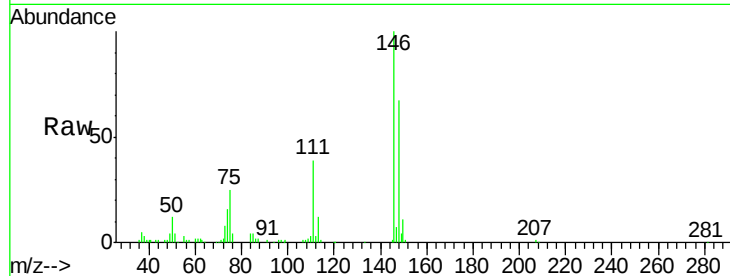
#91
 1,2-Dichlorobenzene
 Concen: 5.491 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	65.6	32.4	97.2

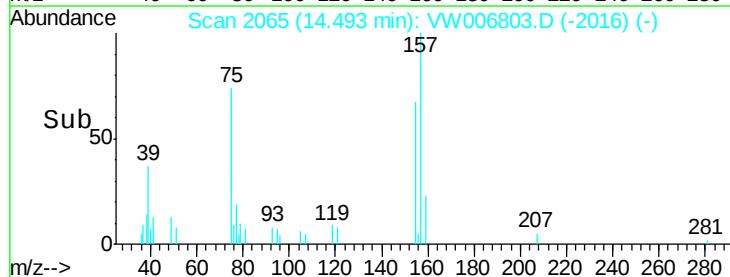
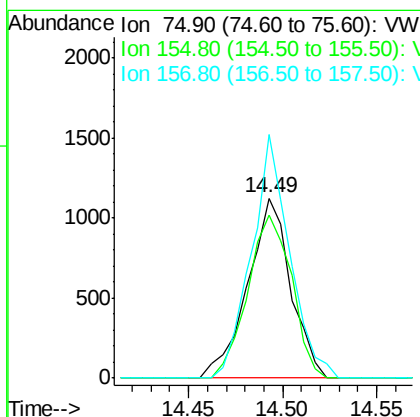
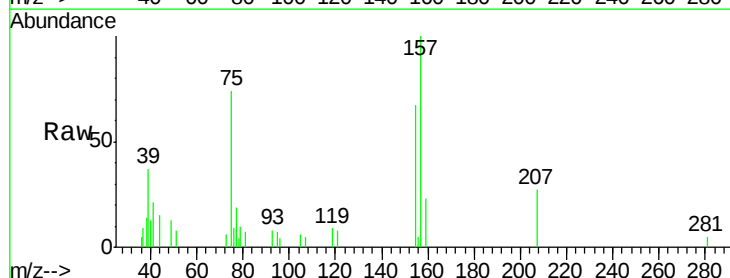
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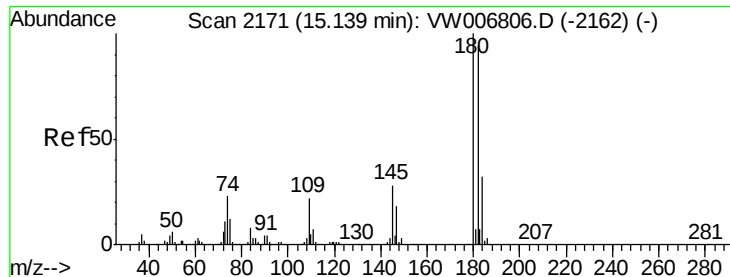
apatel
 11/13/2018 11:53:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.106 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	51.0	153.1
157	120.3	67.4	202.2





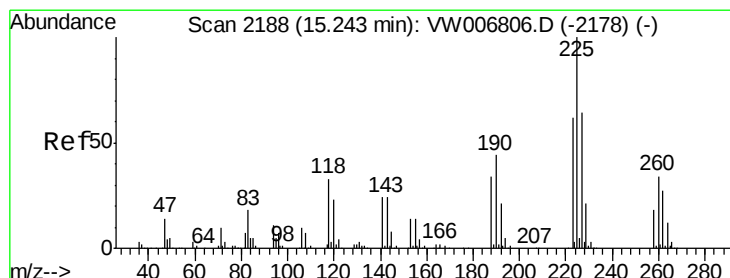
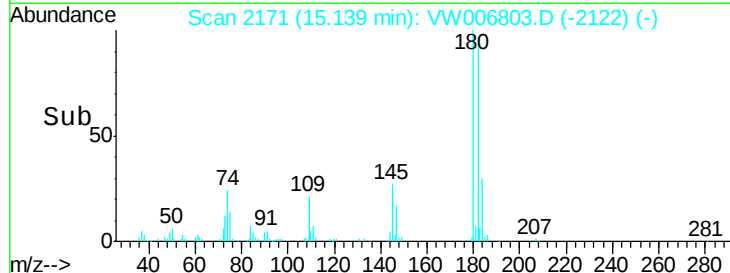
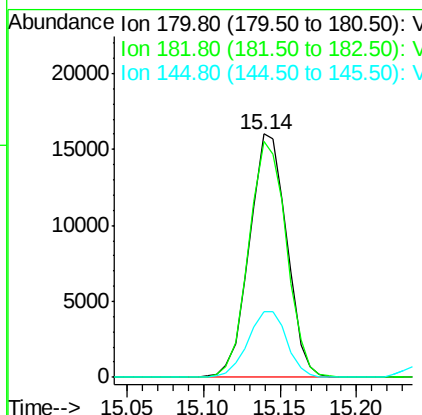
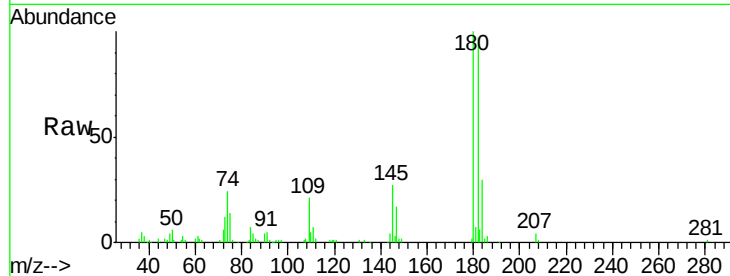
#93
 1,2,4-Trichlorobenzene
 Concen: 5.538 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27226		
182	97.9	47.5	142.5	
145	28.0	14.0	41.9	

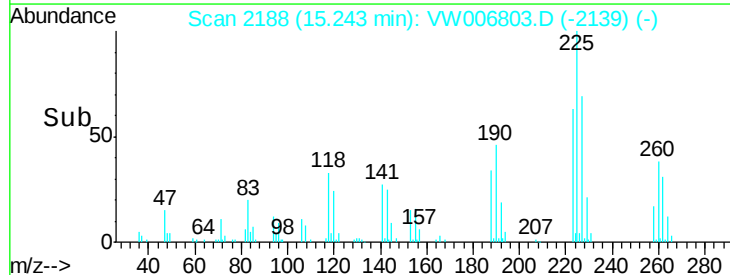
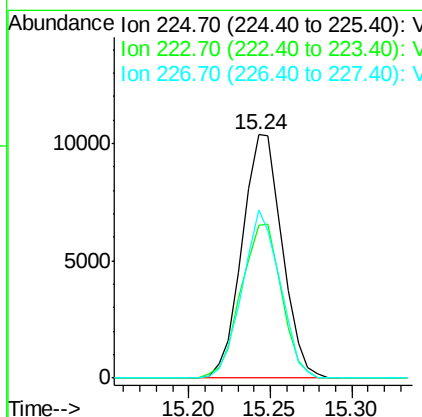
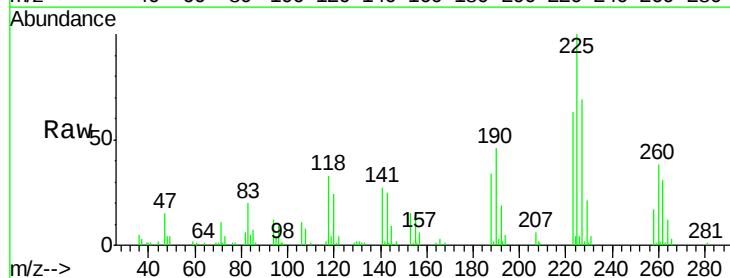
Manual Integrations
 APPROVED

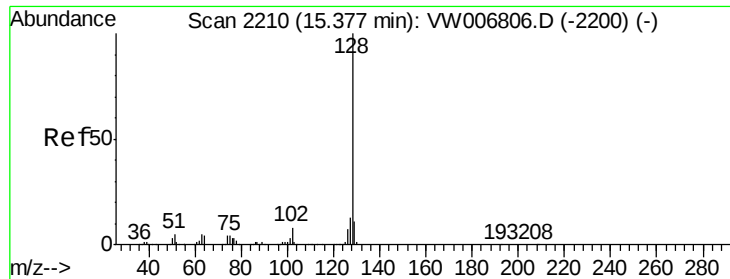
apatel
 11/13/2018 11:53:30 AM



#94
 Hexachlorobutadiene
 Concen: 5.726 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	17716		
223	63.9	31.2	93.6	
227	65.0	32.3	96.9	





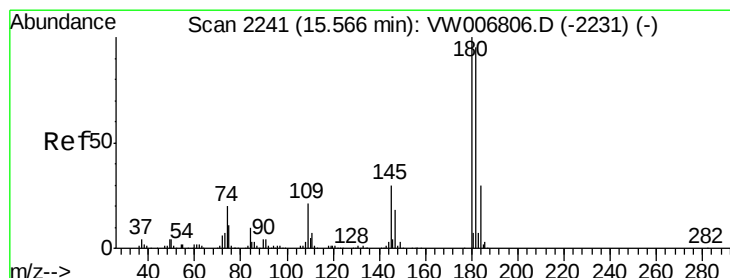
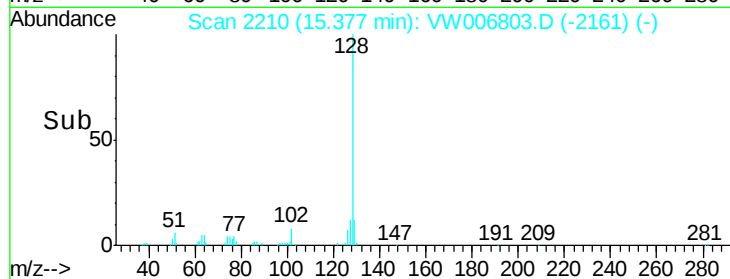
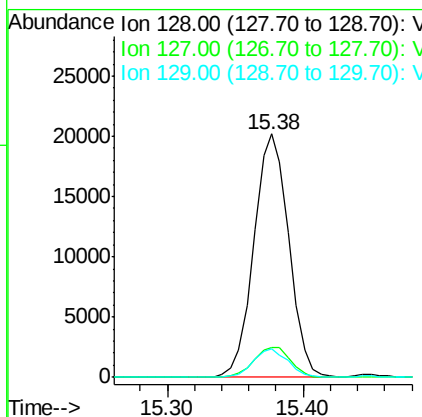
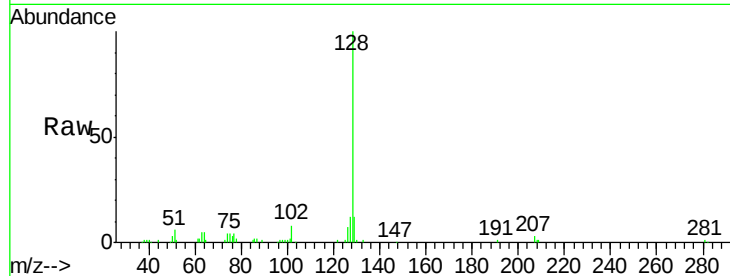
#95
Naphthalene
Concen: 4.825 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.5	8.6	13.0

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.631 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.9	143.6
145	28.5	15.2	45.5

