

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005409.D
 Acq On : 15 Sep 2018 03:29
 Operator : SY/AP
 Sample : VW0916SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:18 PM

Quant Time: Sep 15 04:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	222365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	342012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	122629	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.89	113	98208	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.33	98	445032	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.63	95	164011	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49420	23.92	ug/l	94
3) Chloromethane	2.21	50	56043	21.35	ug/l	97
4) Vinyl Chloride	2.36	62	53341	21.69	ug/l	99
5) Bromomethane	2.77	94	37691	22.06	ug/l	97
6) Chloroethane	2.92	64	30845	21.17	ug/l	93
7) Trichlorofluoromethane	3.26	101	69649	21.38	ug/l	97
8) Diethyl Ether	3.69	74	22403	23.14	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40066	21.09	ug/l	100
10) Methyl Iodide	4.28	142	45951	21.53	ug/l	98
11) Tert butyl alcohol	5.20	59	21614	147.50	ug/l	95
12) 1,1-Dichloroethene	4.04	96	36957	21.48	ug/l	93
13) Acrolein	3.90	56	13977	138.88	ug/l	95
14) Allyl chloride	4.68	41	68721	21.47	ug/l	98
15) Acrylonitrile	5.38	53	50803	114.73	ug/l	100
16) Acetone	4.14	43	42280	117.85	ug/l	92
17) Carbon Disulfide	4.38	76	124886	20.61	ug/l	99
18) Methyl Acetate	4.68	43	24321	21.93	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	108203	23.16	ug/l	94
20) Methylene Chloride	4.92	84	57186	21.73	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	43900	21.37	ug/l	97
22) Diisopropyl ether	6.32	45	137098	21.79	ug/l	98
23) Vinyl Acetate	6.26	43	411539	114.77	ug/l	99
24) 1,1-Dichloroethane	6.23	63	81031	21.22	ug/l	98
25) 2-Butanone	7.18	43	64718	116.56	ug/l	98
26) 2,2-Dichloropropane	7.17	77	72013	21.02	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	47141	21.09	ug/l	98
28) Bromochloromethane	7.52	49	30794	20.73	ug/l	100
29) Tetrahydrofuran	7.54	42	40947	115.76	ug/l	100
30) Chloroform	7.68	83	84703	21.42	ug/l	99
31) Cyclohexane	7.96	56	79408	21.55	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	79808	21.70	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67613	20.89	ug/l	99
37) Ethyl Acetate	7.26	43	31741	24.11	ug/l	98
38) Carbon Tetrachloride	8.07	117	71853	21.30	ug/l	96

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 ALS Vial : 16 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77923	20.72	ug/l	99
40) Benzene	8.33	78	189988	20.26	ug/l	99
41) Methacrylonitrile	7.49	41	18491	23.28	ug/l	99
42) 1,2-Dichloroethane	8.41	62	61689	21.02	ug/l	98
43) Isopropyl Acetate	8.43	43	56601	22.03	ug/l	100
44) Trichloroethene	9.10	130	49538	20.53	ug/l	98
45) 1,2-Dichloropropane	9.38	63	46831	20.91	ug/l	98
46) Dibromomethane	9.46	93	22495	20.41	ug/l	94
47) Bromodichloromethane	9.65	83	63720	21.34	ug/l	98
48) Methyl methacrylate	9.44	41	27167	21.19	ug/l	96
49) 1,4-Dioxane	9.47	88	8316	452.77	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	144058	108.94	ug/l	100
52) Toluene	10.40	92	132600	20.88	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	62213	20.82	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	71663	21.18	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34333	20.96	ug/l	97
56) Ethyl methacrylate	10.65	69	43804	21.13	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59665	21.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	105654	112.68	ug/l	100
59) 2-Hexanone	10.98	43	97799	108.57	ug/l	100
60) Dibromochloromethane	11.13	129	40699	20.65	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31019	21.12	ug/l	98
64) Tetrachloroethene	10.87	164	51029	21.30	ug/l	97
65) Chlorobenzene	11.66	112	141922	20.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	45896	20.87	ug/l	100
67) Ethyl Benzene	11.74	91	253766	20.98	ug/l	99
68) m/p-Xylenes	11.85	106	195008	41.88	ug/l	99
69) o-Xylene	12.17	106	90322	20.83	ug/l	100
70) Styrene	12.19	104	151450	21.17	ug/l	99
71) Bromoform	12.35	173	24523	21.08	ug/l #	100
73) Isopropylbenzene	12.47	105	248797	21.06	ug/l	100
74) N-amyl acetate	12.28	43	53089	21.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37582	21.81	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28381m	20.50	ug/l	
77) Bromobenzene	12.76	156	58136	20.82	ug/l	99
78) n-propylbenzene	12.81	91	298532	20.94	ug/l	100
79) 2-Chlorotoluene	12.90	91	175691	20.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	218041	21.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11306	21.18	ug/l	96
82) 4-Chlorotoluene	12.99	91	186476	21.00	ug/l	99
83) tert-Butylbenzene	13.21	119	187366	21.89	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	221615	21.18	ug/l	100
85) sec-Butylbenzene	13.39	105	260219	21.04	ug/l	100
86) p-Isopropyltoluene	13.51	119	230254	20.82	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117905	20.82	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115007	20.62	ug/l	99
89) n-Butylbenzene	13.83	91	210268	20.41	ug/l	100
90) Hexachloroethane	14.10	117	38637	20.39	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103006	20.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7088	21.42	ug/l	96

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
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Quant Time: Sep 15 04:25:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	66287	20.07	ug/l	99
94) Hexachlorobutadiene	15.24	225	44400	20.59	ug/l	99
95) Naphthalene	15.38	128	115446	20.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	58029	20.13	ug/l	99

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

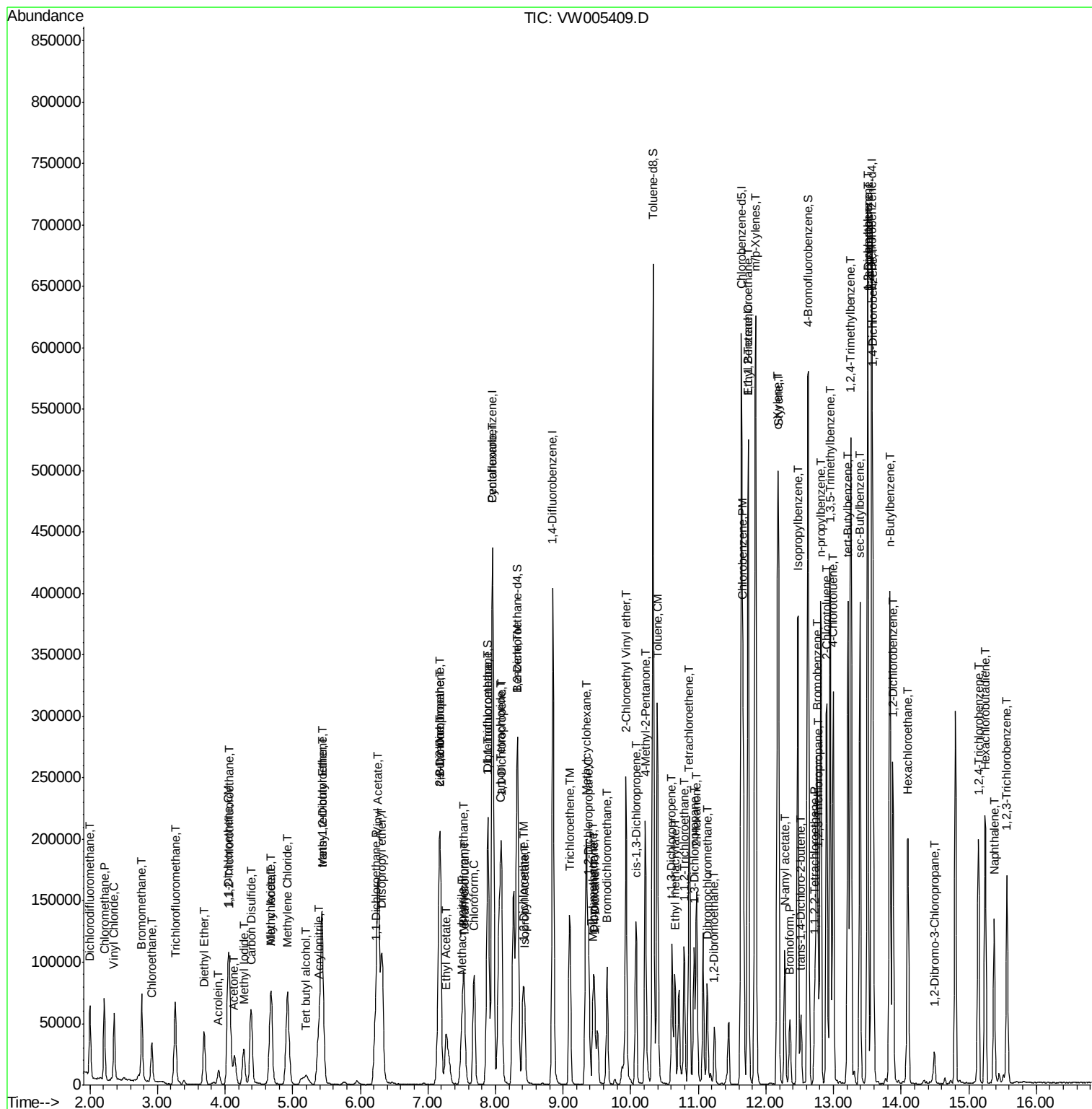
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005409.D
Acq On : 15 Sep 2018 03:29
Operator : SY/AP
Sample : VW0916SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

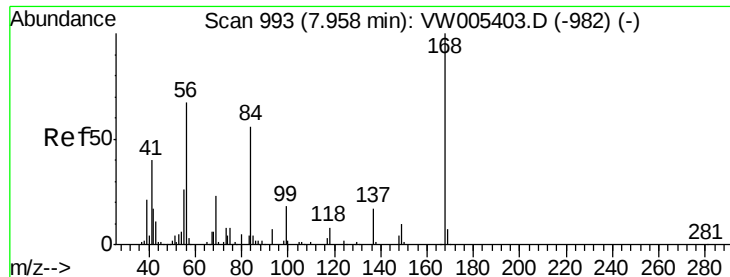
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

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#1

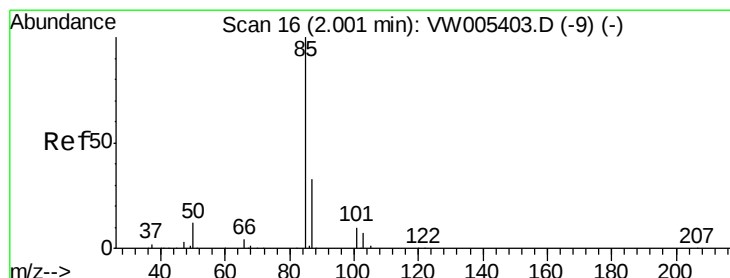
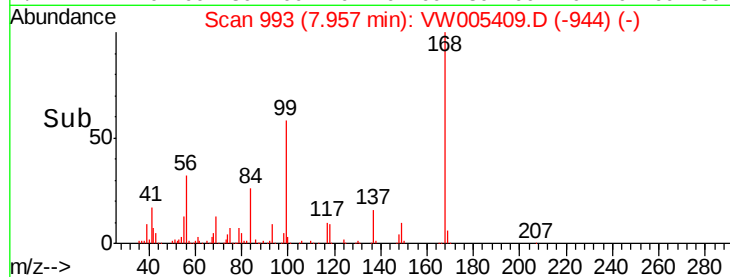
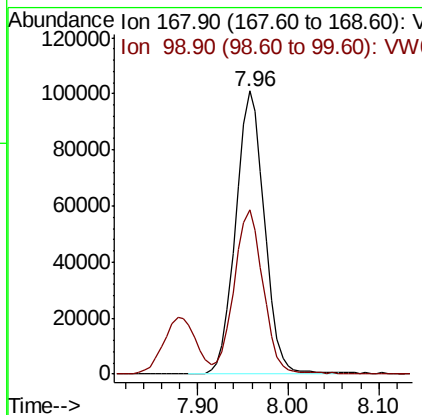
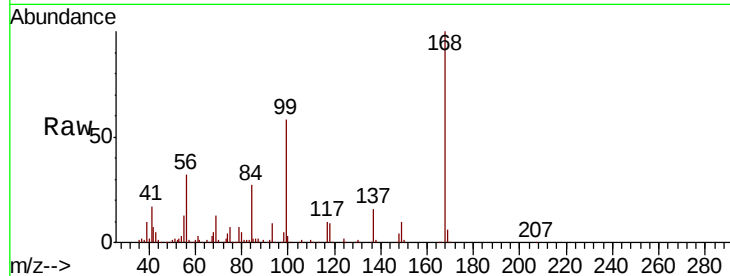
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.8	45.0	67.6

Manual Integrations
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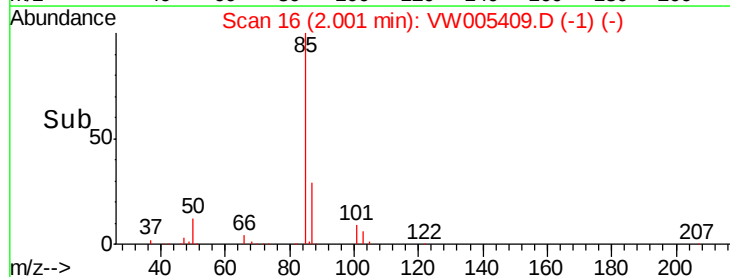
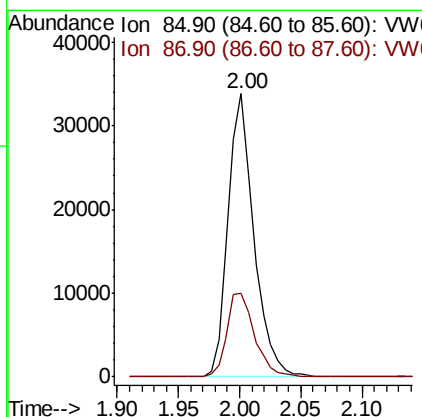
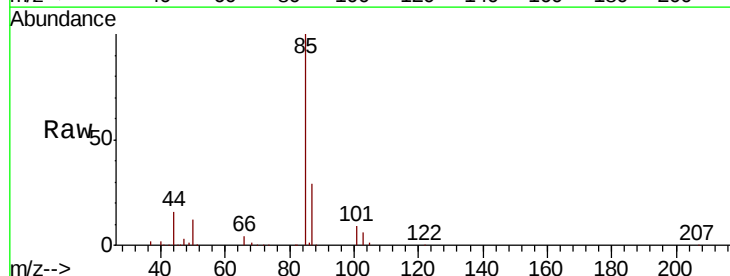
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 9/17/2018 2:24:18 PM

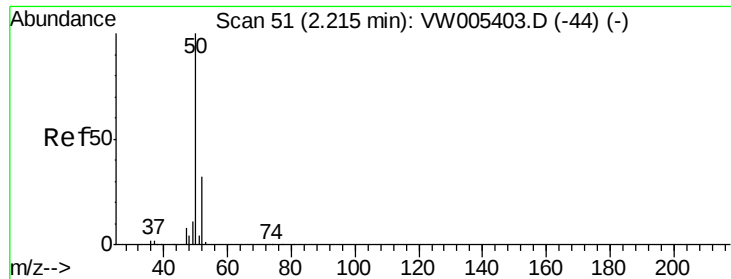


#2

Dichlorodifluoromethane
 Concen: 23.92 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.4	16.4	49.1





#3

Chloromethane

Concen: 21.35 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion: 50 Resp: 56043

Ion Ratio Lower Upper

50 100

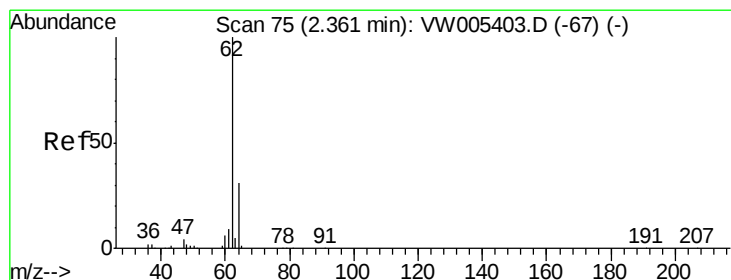
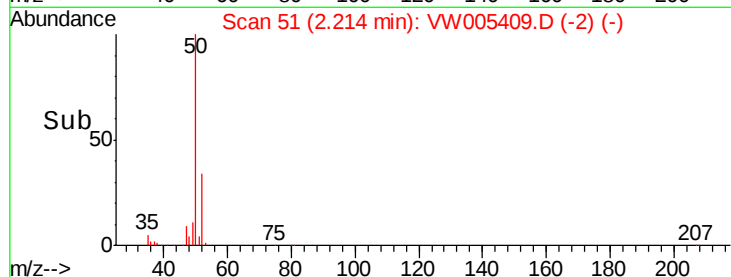
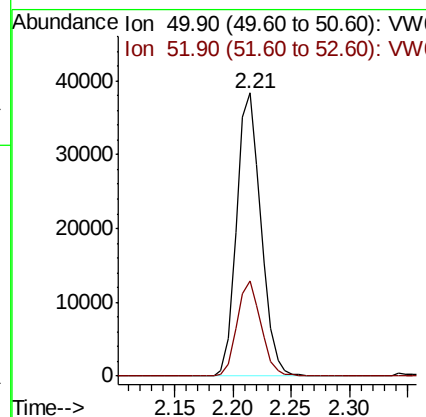
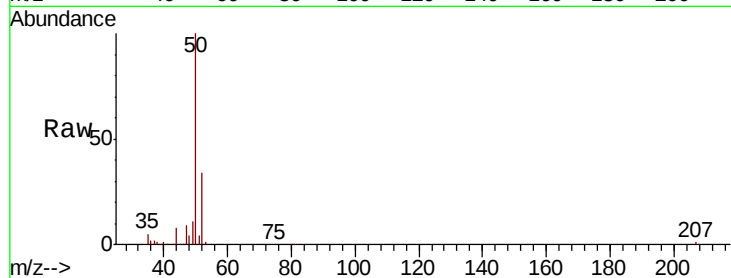
52 33.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.69 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005409.D

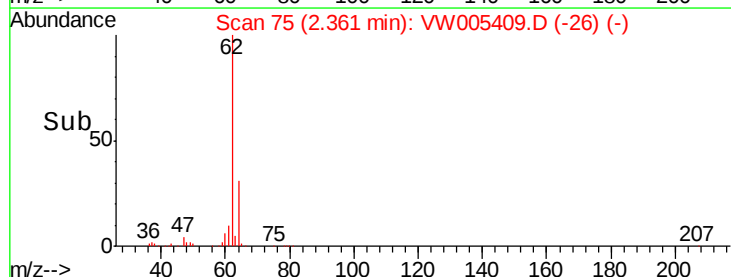
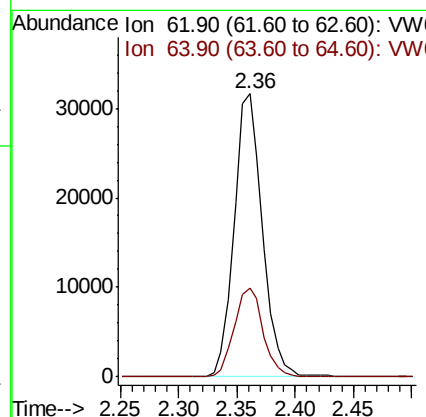
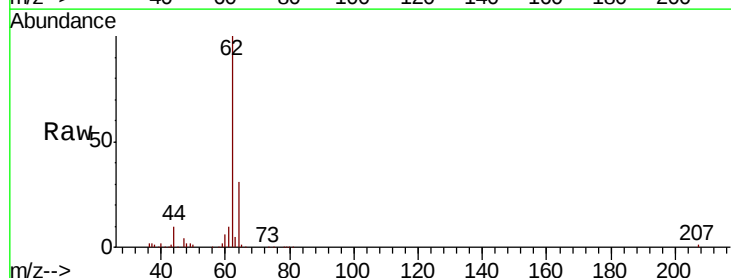
Acq: 15 Sep 2018 03:29

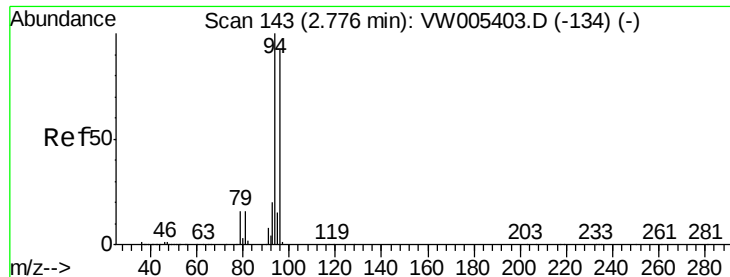
Tgt Ion: 62 Resp: 53341

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 22.06 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tot Ion: 94 Resp: 37691

Ion Ratio Lower Upper

94 100

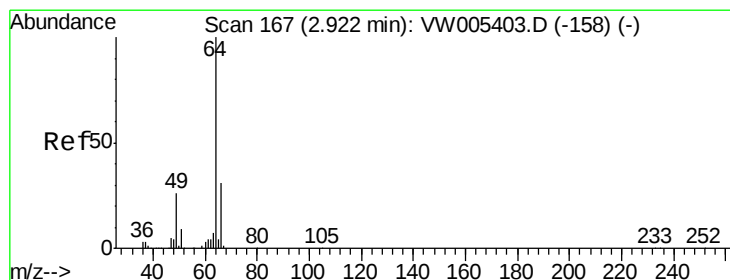
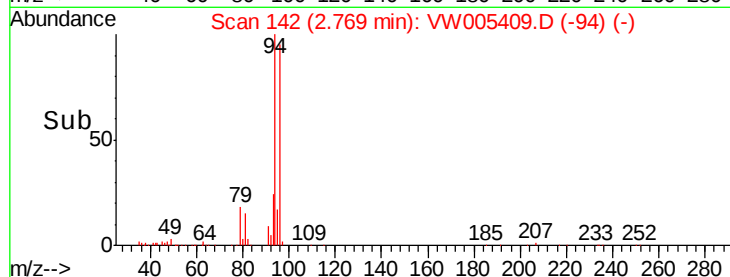
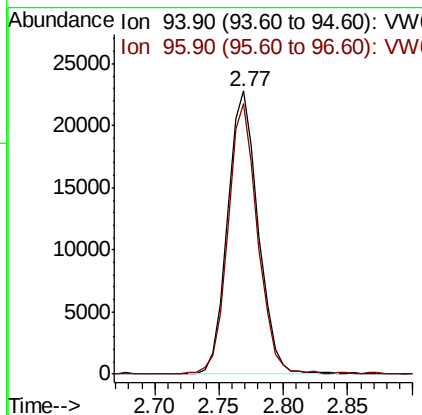
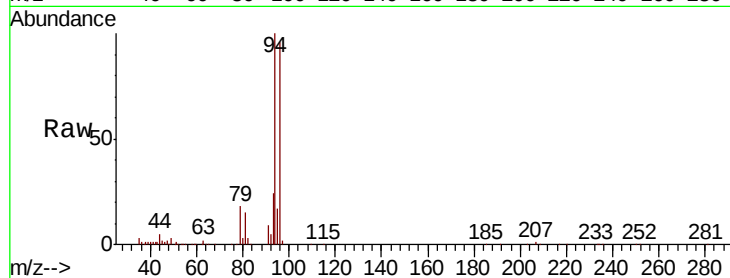
96 95.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.17 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005409.D

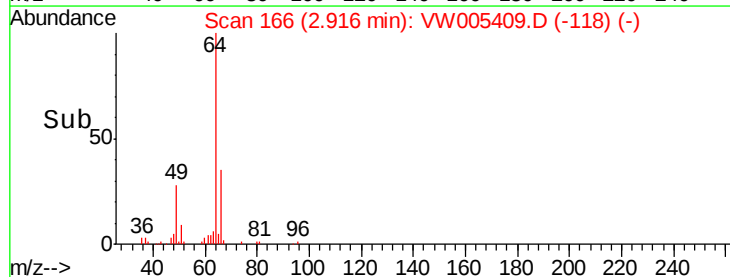
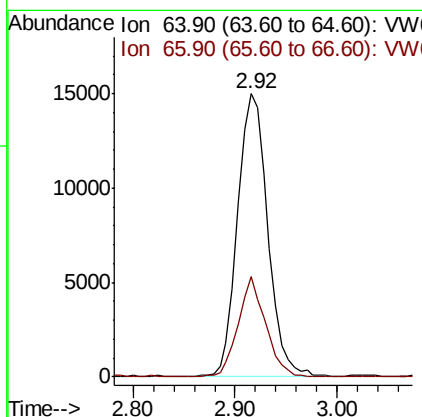
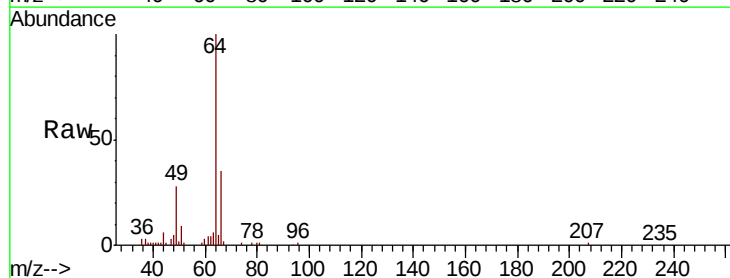
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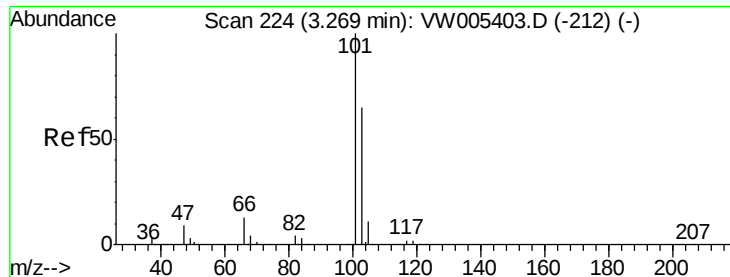
Tgt Ion: 64 Resp: 30845

Ion Ratio Lower Upper

64 100

66 35.4 25.2 37.8





#7

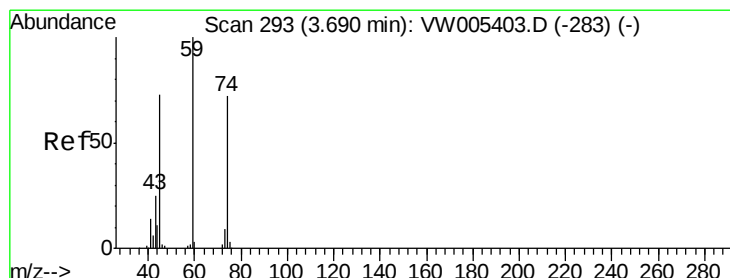
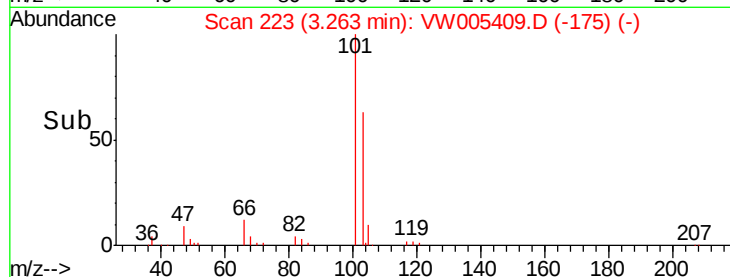
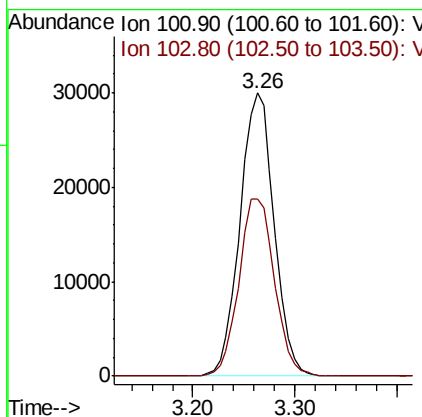
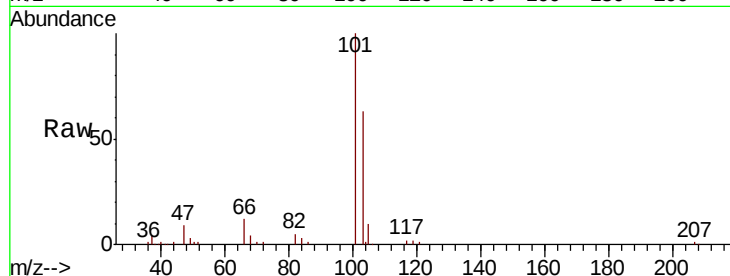
Trichlorofluoromethane
 Concen: 21.38 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.7	77.5

Manual Integrations
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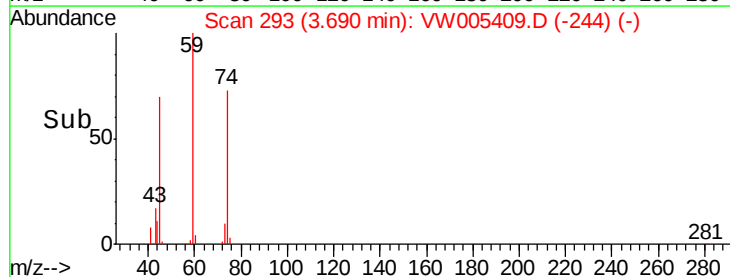
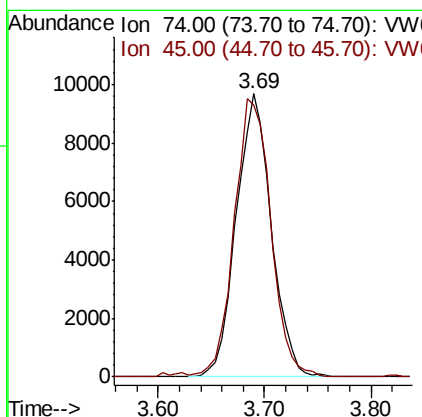
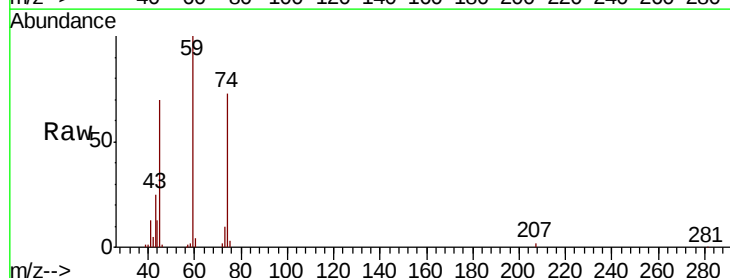
apatel
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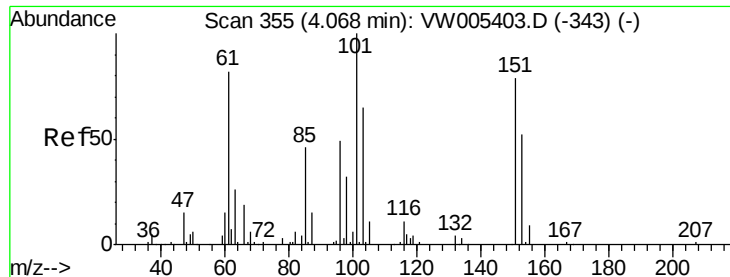


#8

Diethyl Ether
 Concen: 23.14 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.09 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

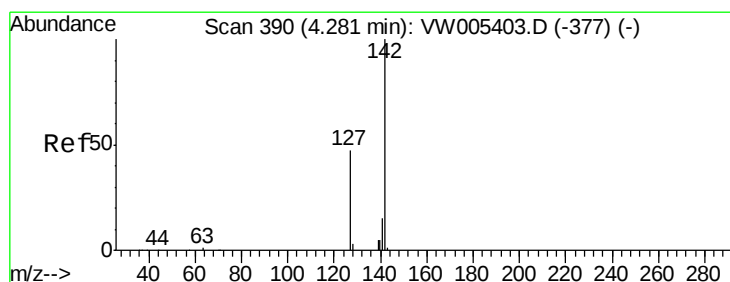
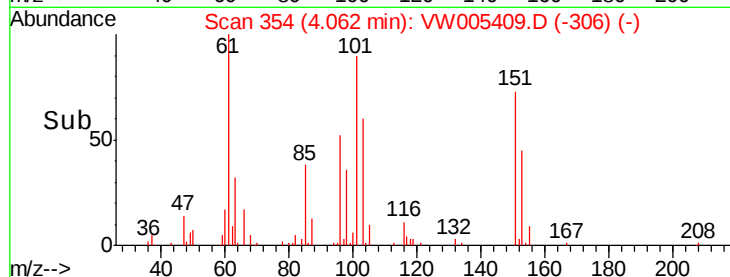
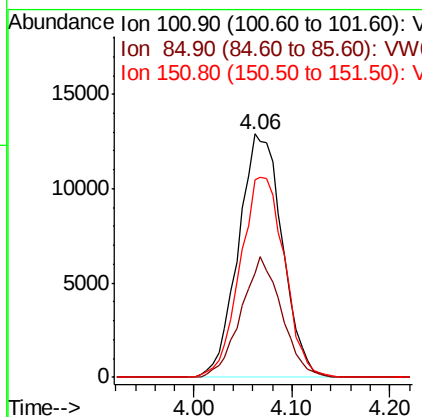
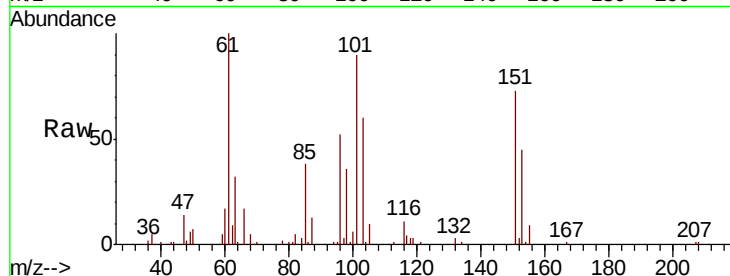
ClientSampleId :

VW0916SBS01

Tot Ion:	101	Resp:	40066
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	83.6	66.3	99.5

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#10

Methyl Iodide

Concen: 21.53 ug/l

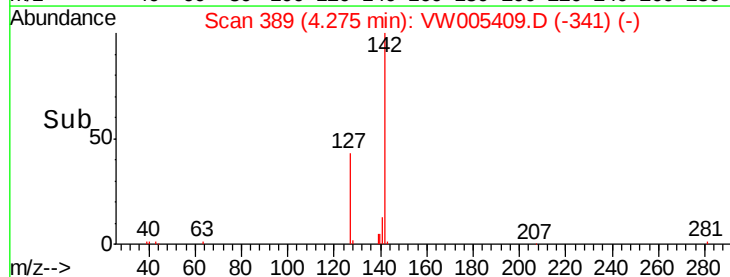
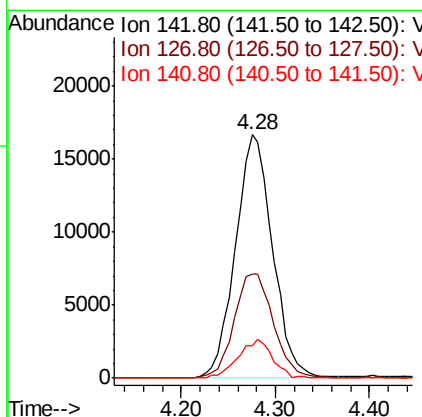
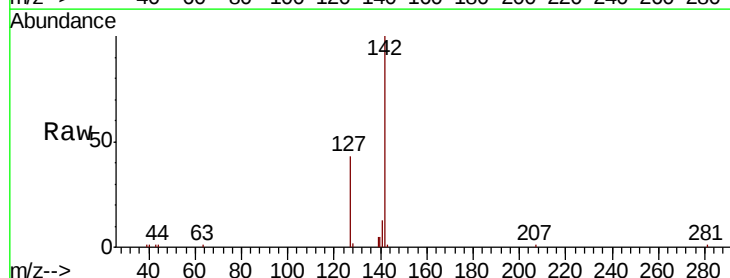
RT: 4.28 min Scan# 389

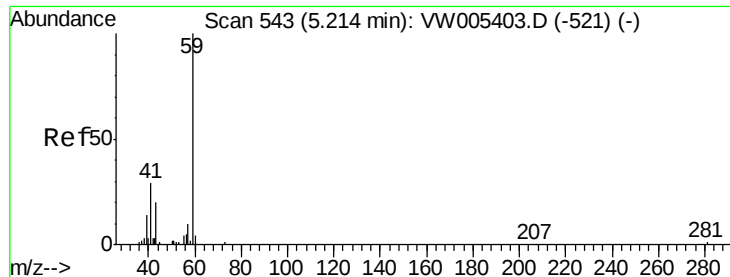
Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	142	Resp:	45951
Ion Ratio	Lower	Upper	
142	100		
127	45.3	37.5	56.3
141	14.6	12.4	18.6





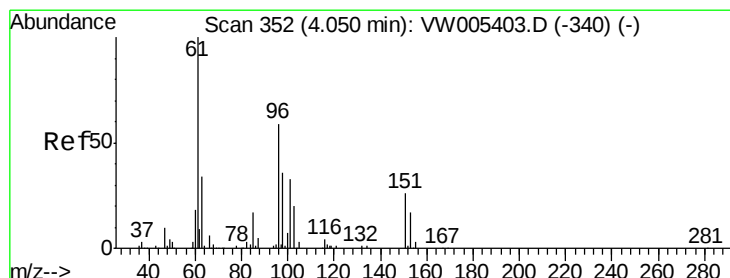
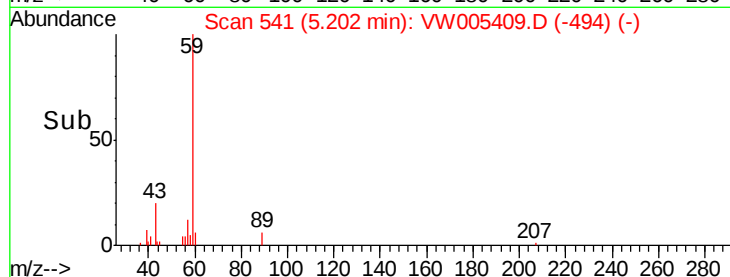
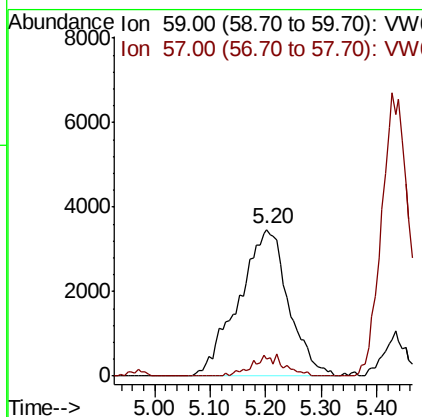
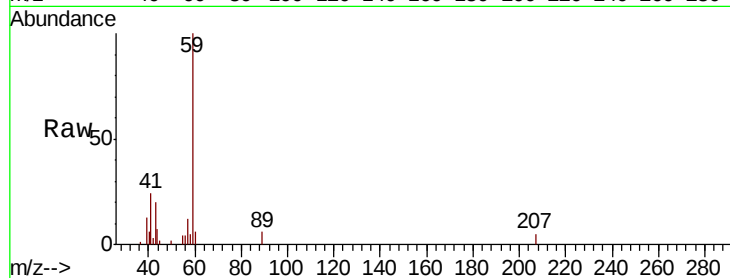
#11
Tert butyl alcohol
Concen: 147.50 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampled :
VW0916SBS01

Tot Ion: 59 Resp: 21614
Ion Ratio Lower Upper
59 100
57 9.1 8.6 13.0

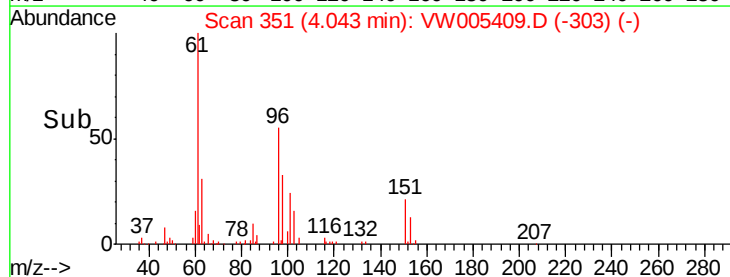
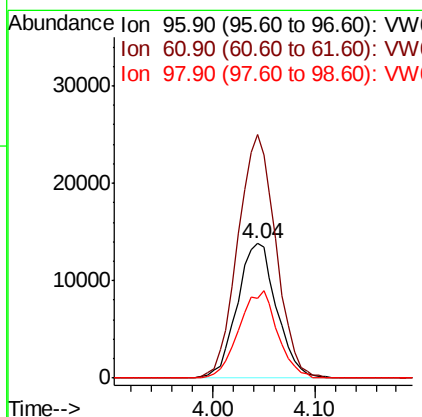
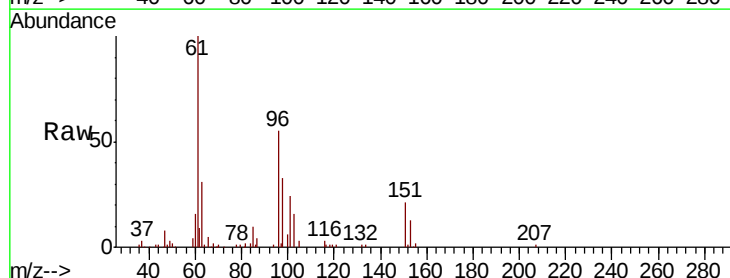
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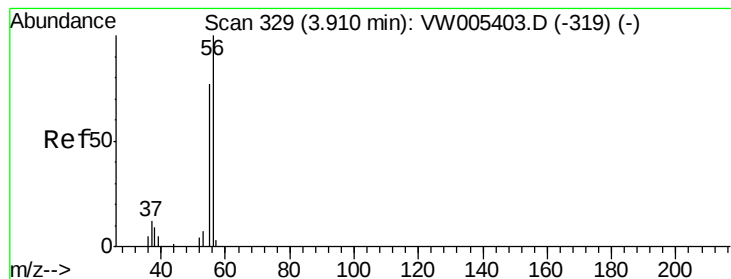
apatel
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#12
1,1-Dichloroethene
Concen: 21.48 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 96 Resp: 36957
Ion Ratio Lower Upper
96 100
61 180.9 135.7 203.5
98 59.3 48.6 73.0





#13

Acrolein

Concen: 138.88 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion: 56 Resp: 13977

Ion Ratio Lower Upper

56 100

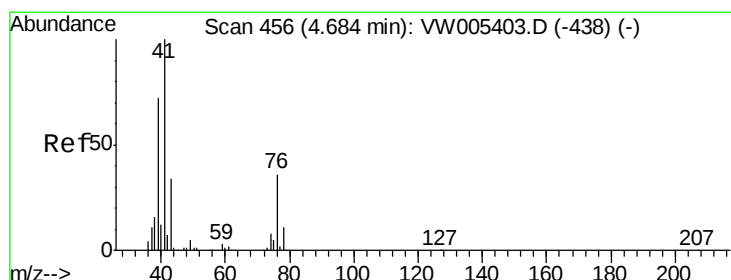
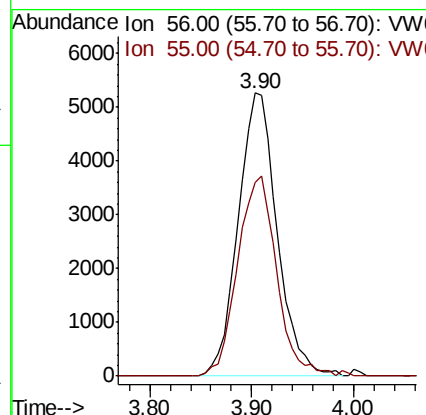
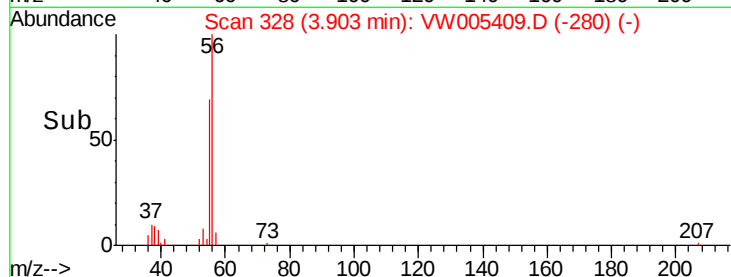
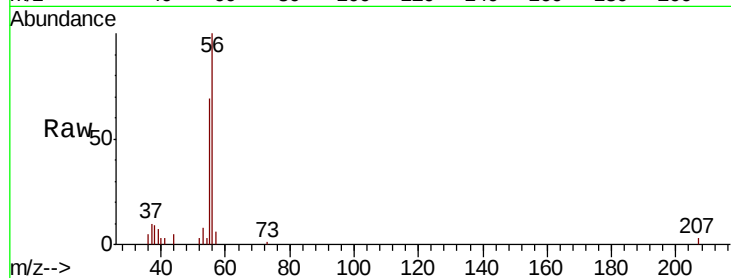
55 70.5 59.8 89.8

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#14

Allyl chloride

Concen: 21.47 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

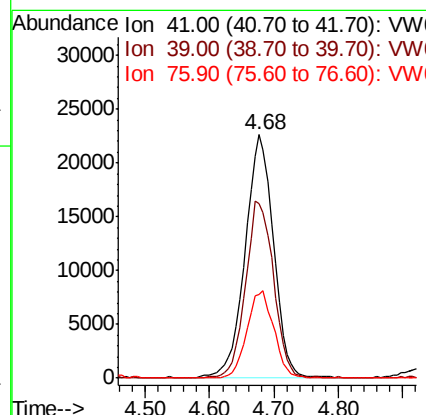
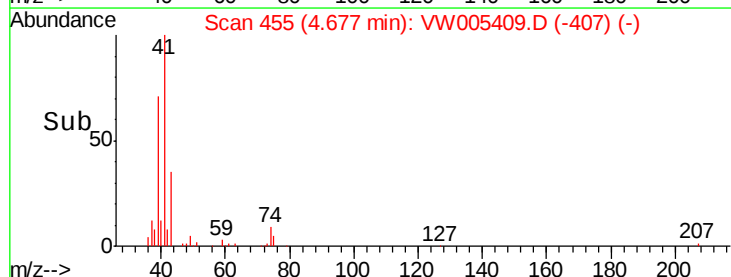
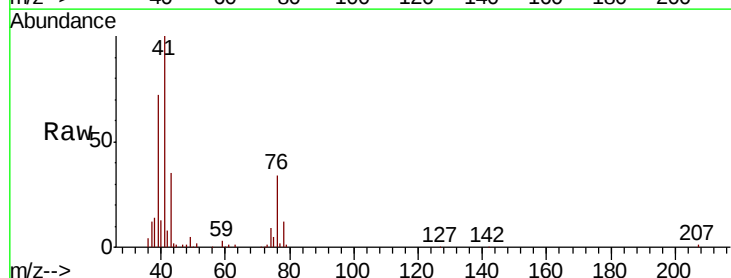
Tgt Ion: 41 Resp: 68721

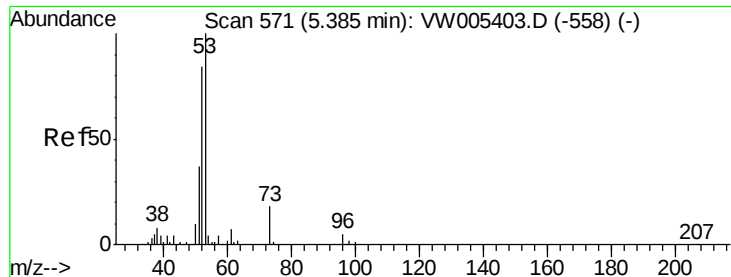
Ion Ratio Lower Upper

41 100

39 71.4 58.6 88.0

76 33.8 27.4 41.0





#15

Acrylonitrile

Concen: 114.73 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

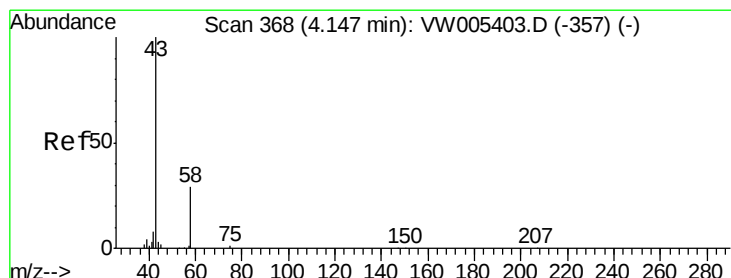
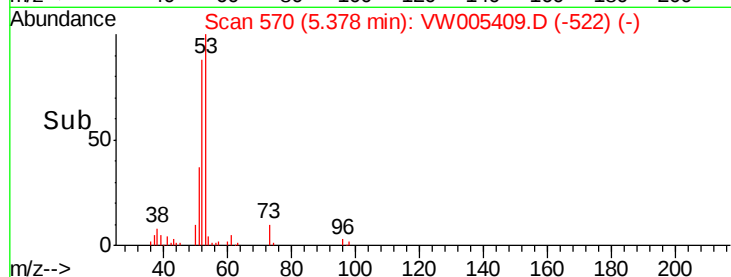
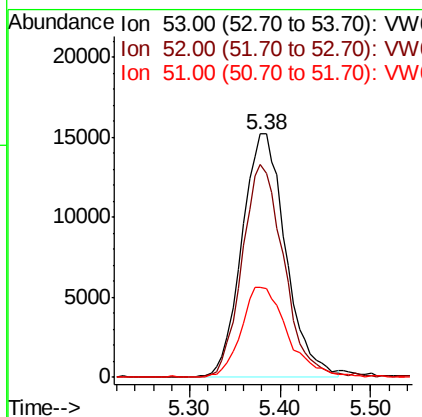
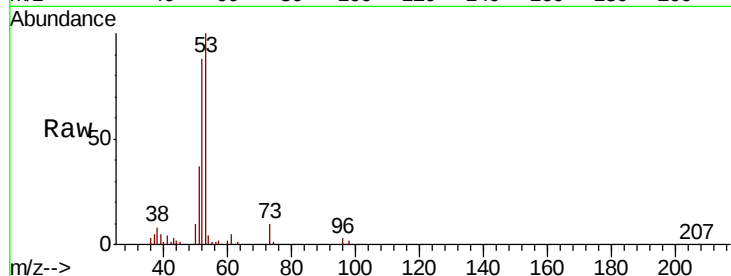
ClientSampleId :

VW0916SBS01

Tot Ion:	53	Resp:	50803
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	39.2	31.1	46.7

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#16

Acetone

Concen: 117.85 ug/l

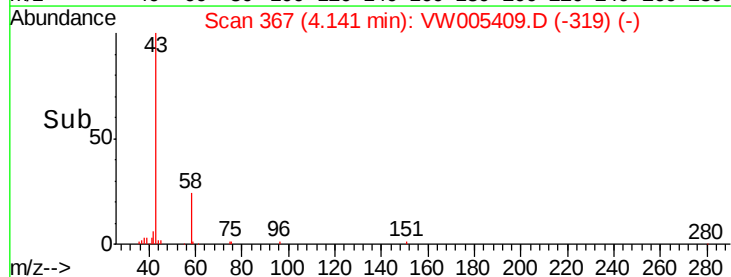
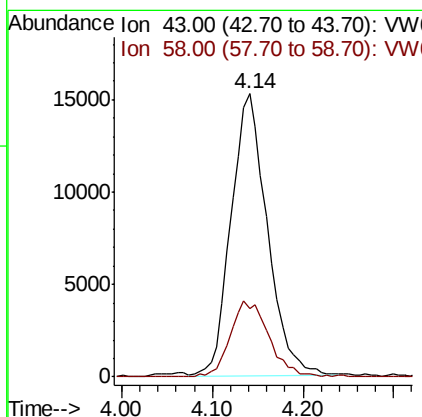
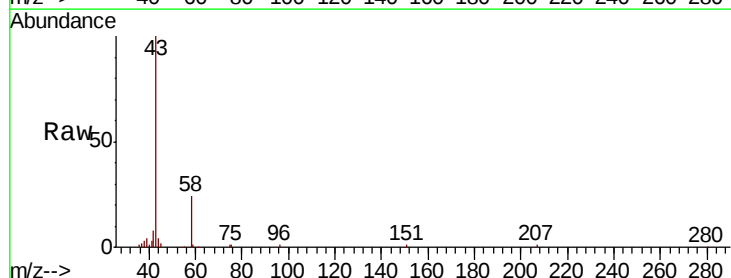
RT: 4.14 min Scan# 367

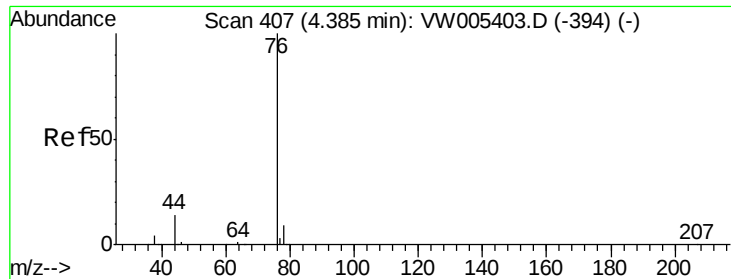
Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	43	Resp:	42280
Ion Ratio	Lower	Upper	
43	100		
58	24.3	22.8	34.2





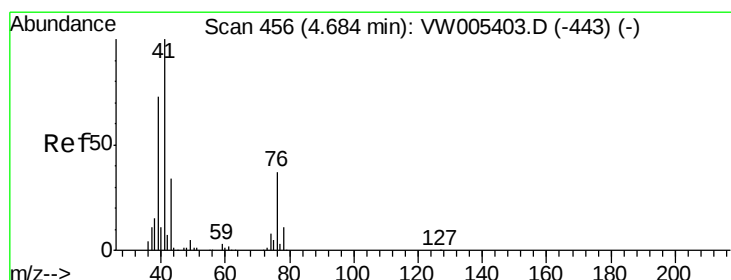
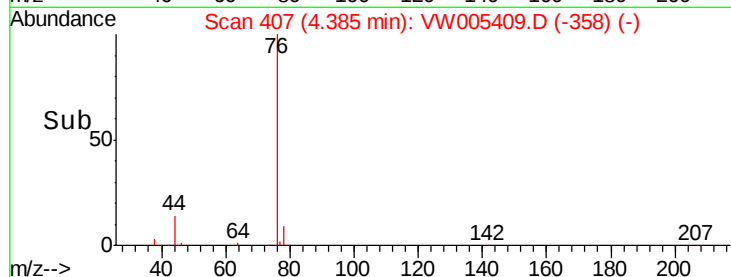
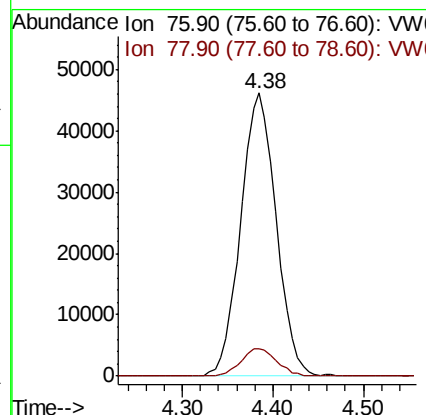
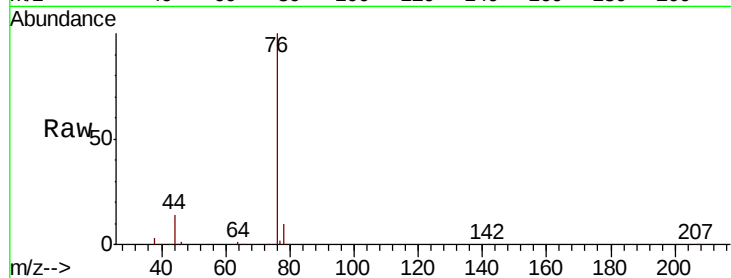
#17
Carbon Disulfide
Concen: 20.61 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0

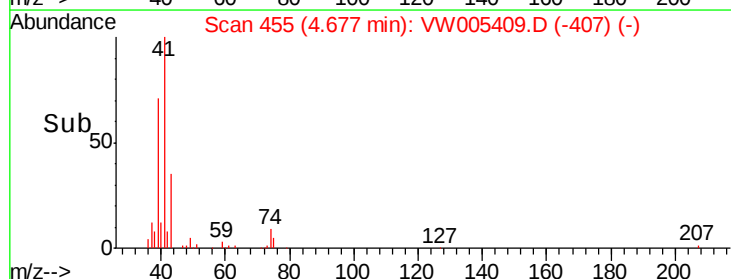
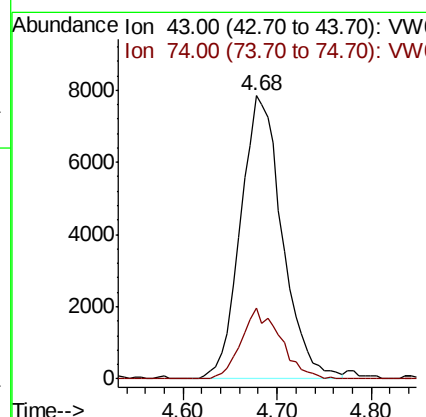
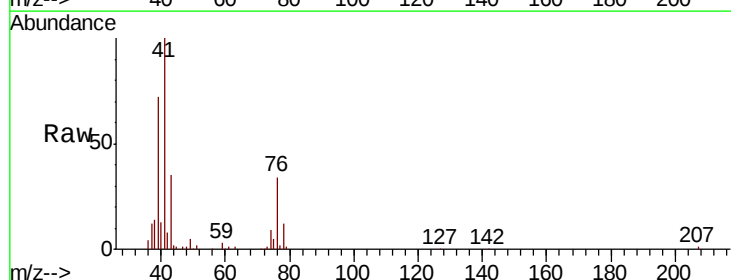
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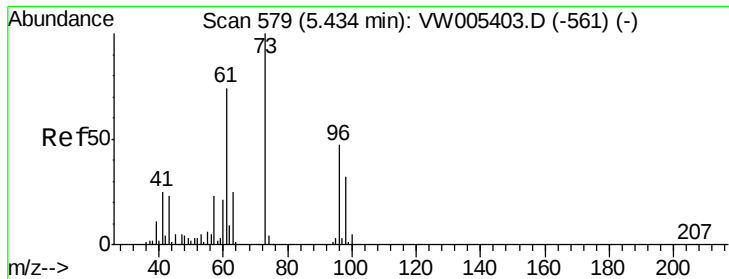
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#18
Methyl Acetate
Concen: 21.93 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.7	26.5





#19

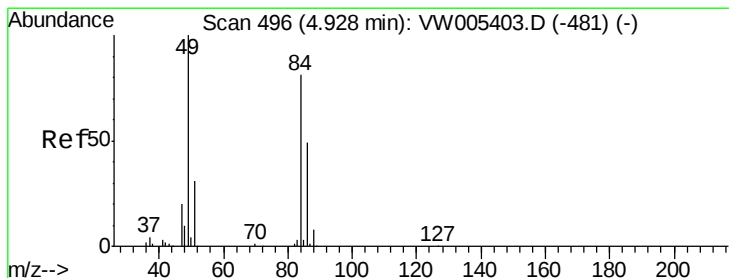
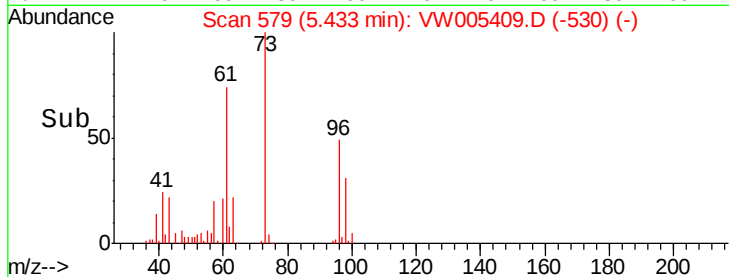
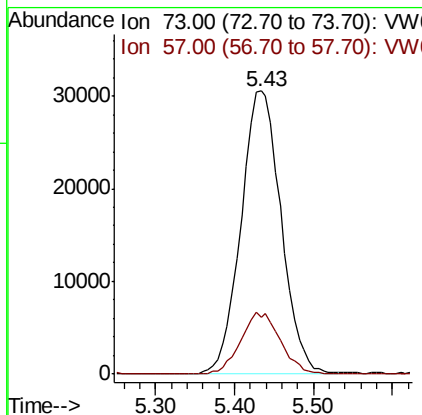
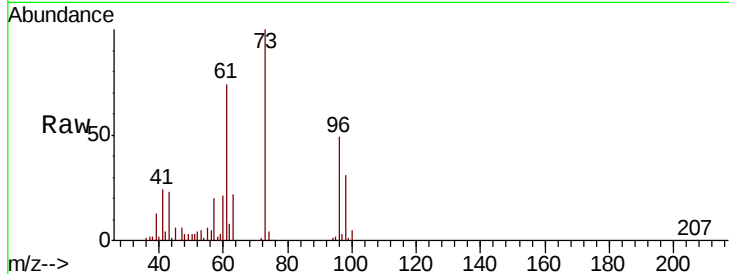
Methyl tert-butyl Ether
 Concen: 23.16 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	18.6	28.0

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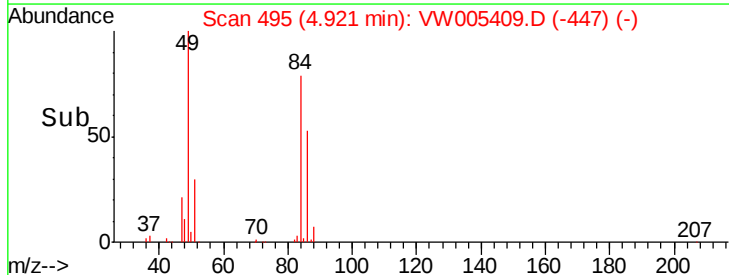
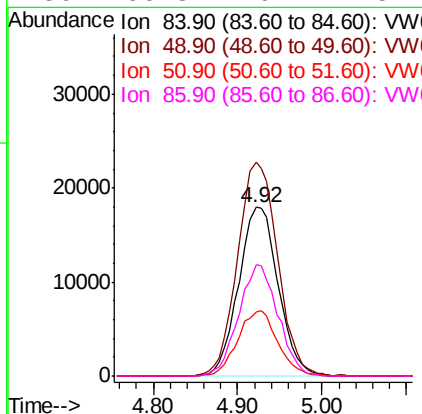
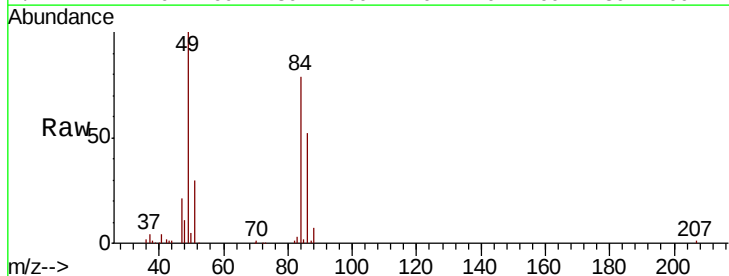
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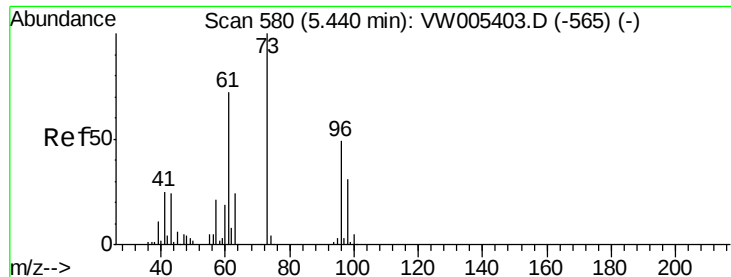


#20

Methylene Chloride
 Concen: 21.73 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	99.3	148.9
51	38.3	31.1	46.7
86	66.3	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 21.37 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

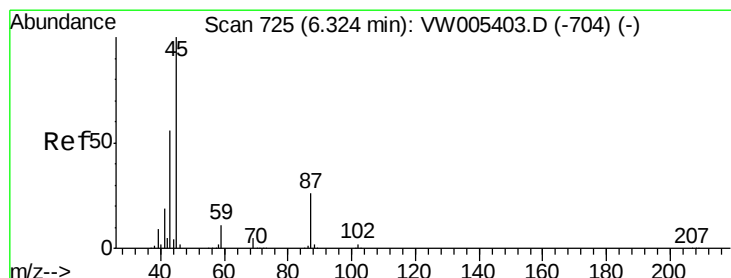
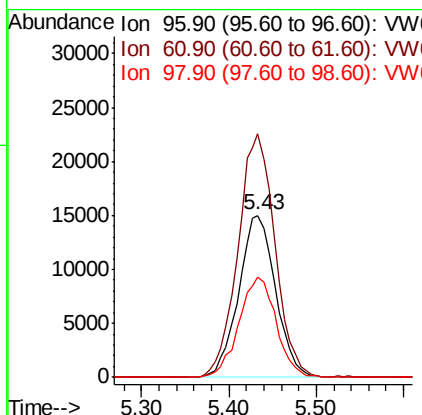
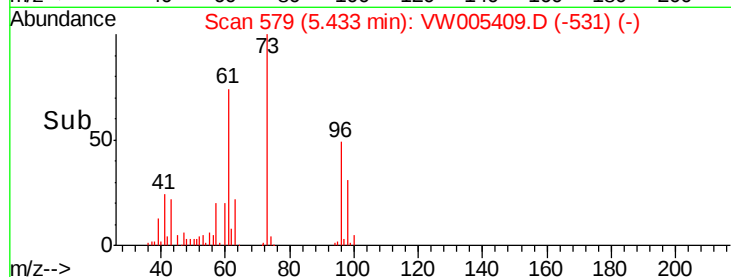
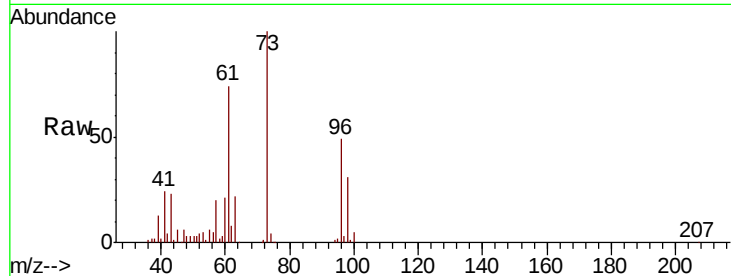
ClientSampleId :

VW0916SBS01

Tot Ion:	96	Resp:	43900
Ion	Ratio	Lower	Upper
96	100		
61	150.2	116.7	175.1
98	62.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.79 ug/l

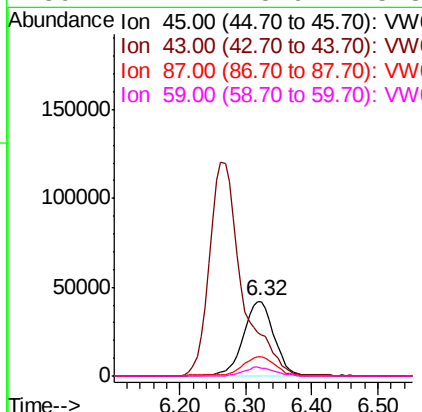
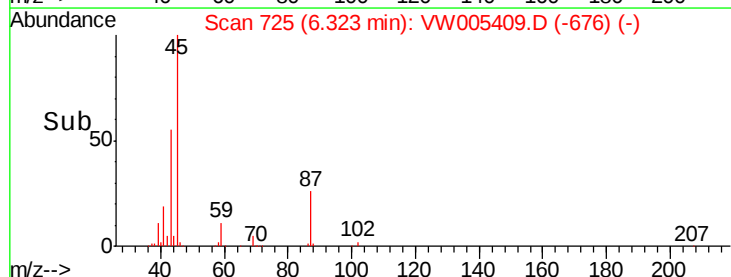
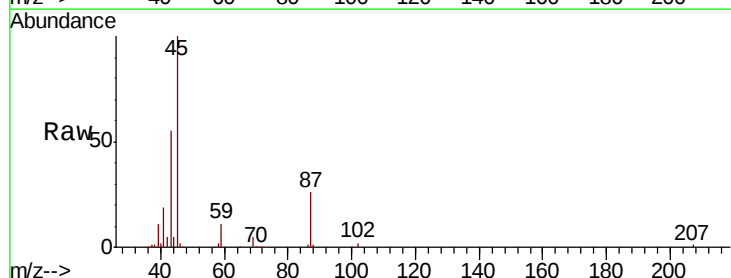
RT: 6.32 min Scan# 725

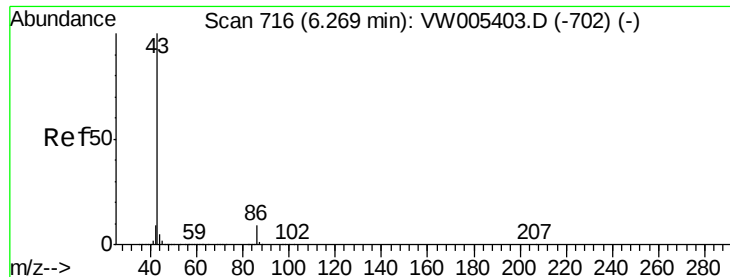
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	45	Resp:	137098
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.6	67.0
87	25.8	20.6	31.0
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 114.77 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tot Ion: 43 Resp: 411539

Ion Ratio Lower Upper

43 100

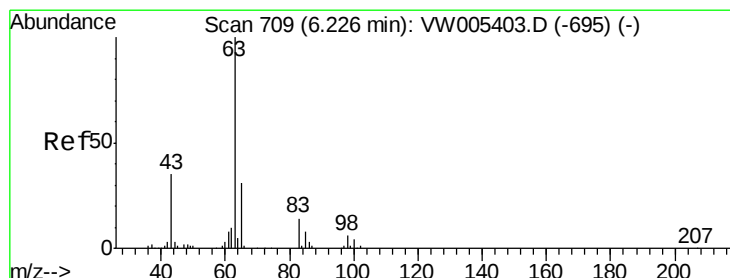
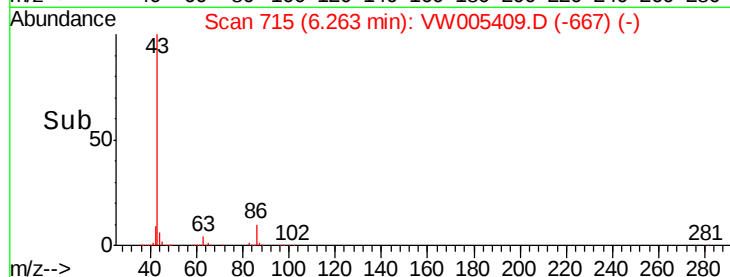
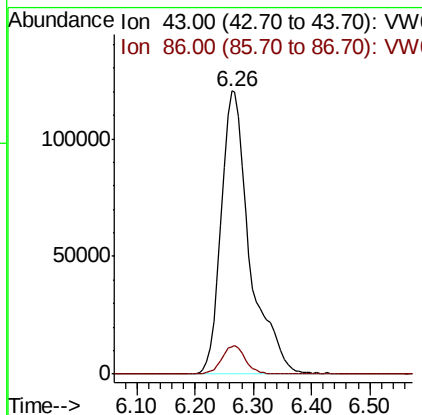
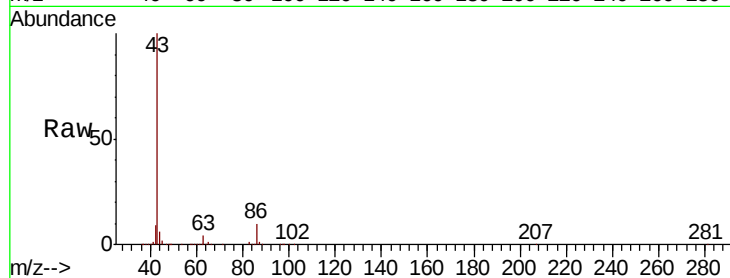
86 9.7 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 21.22 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

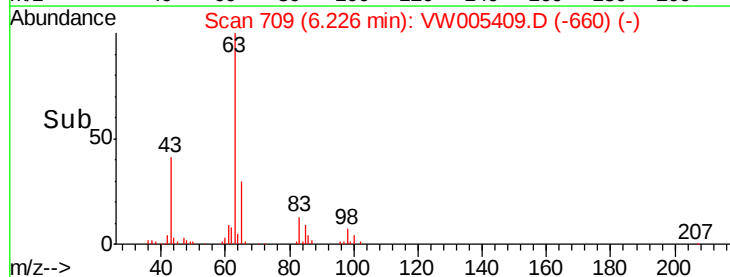
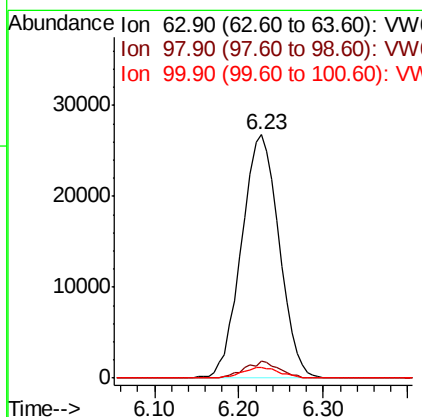
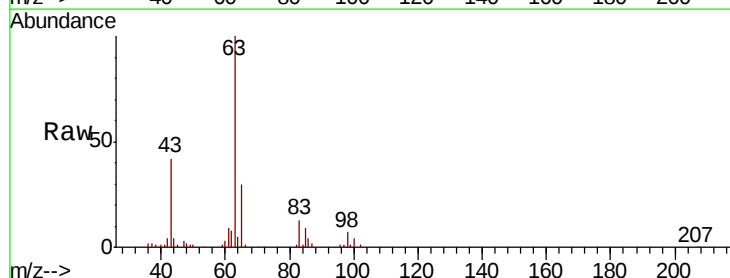
Tgt Ion: 63 Resp: 81031

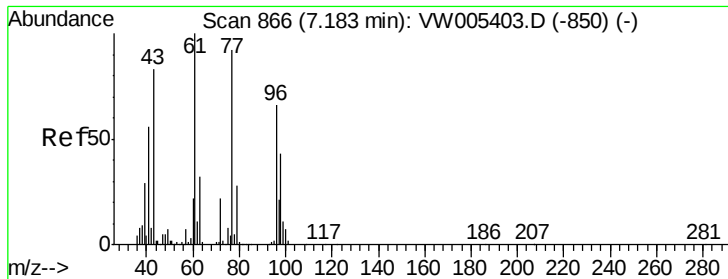
Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 116.56 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tot Ion: 43 Resp: 64718

Ion Ratio Lower Upper

43 100

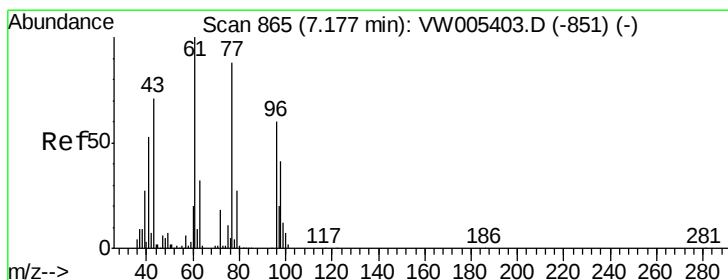
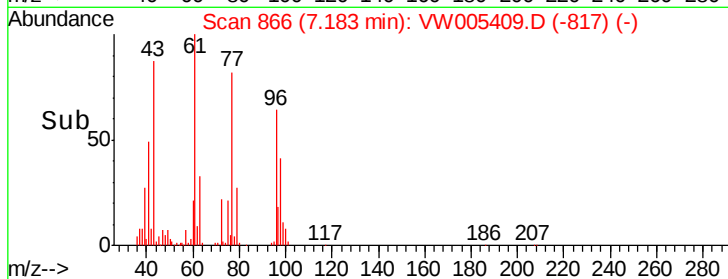
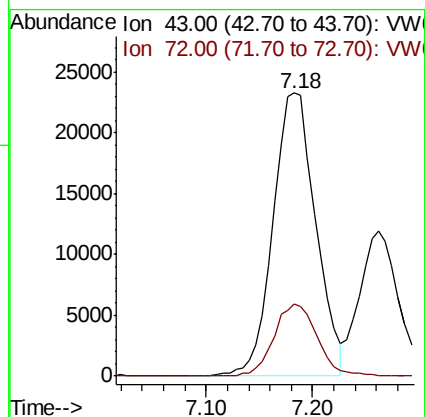
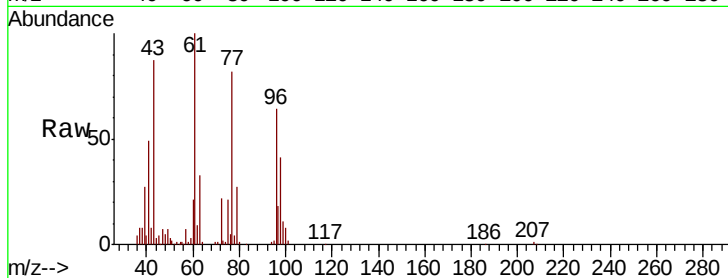
72 25.4 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 21.02 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005409.D

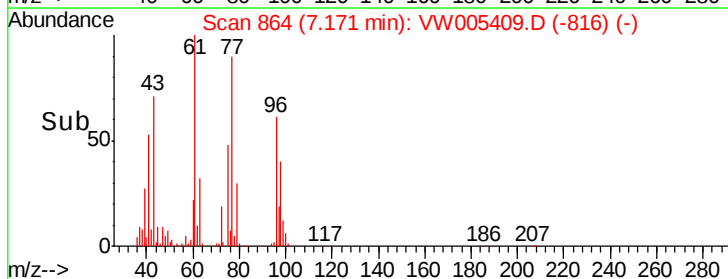
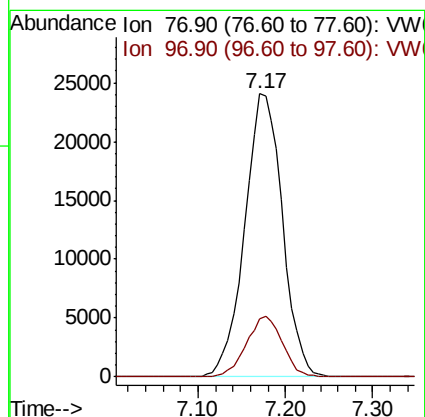
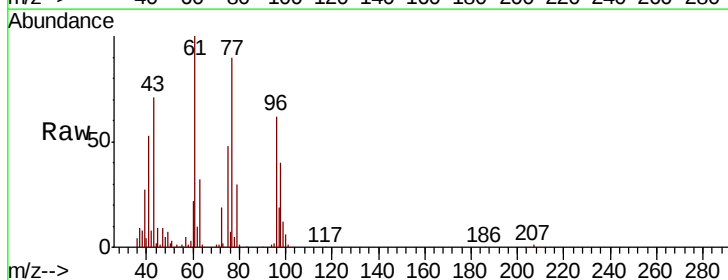
Acq: 15 Sep 2018 03:29

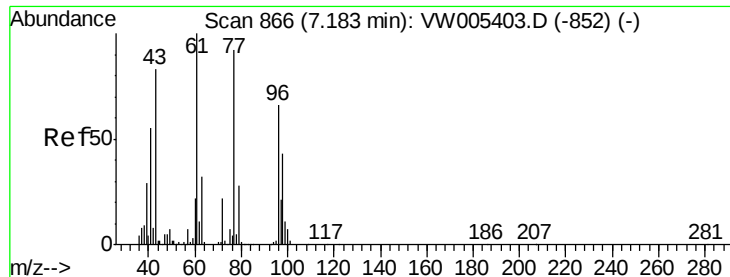
Tgt Ion: 77 Resp: 72013

Ion Ratio Lower Upper

77 100

97 20.5 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

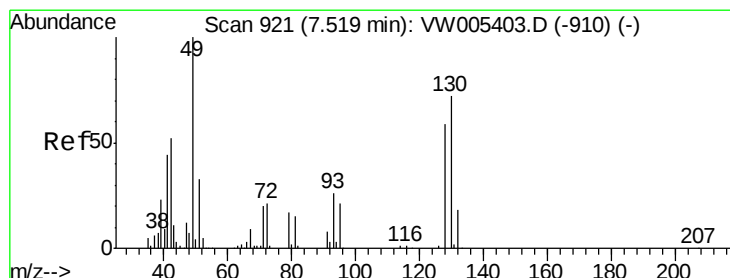
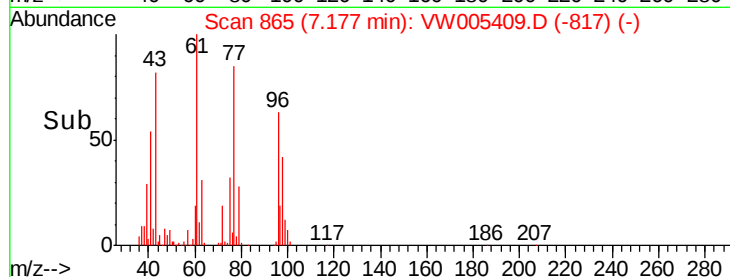
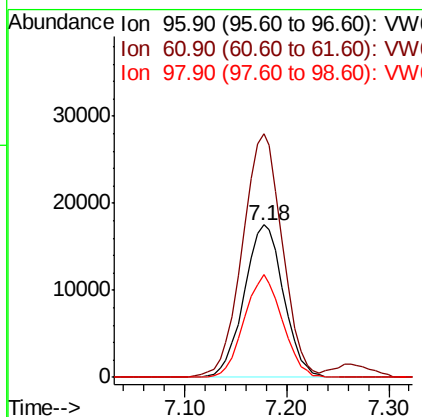
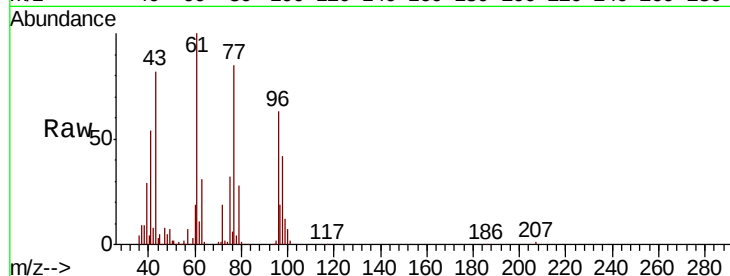
ClientSampled :

VW0916SBS01

Tot Ion:	96	Resp:	47141
Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	316.0
98	65.0	0.0	130.8

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#28

Bromochloromethane

Concen: 20.73 ug/l

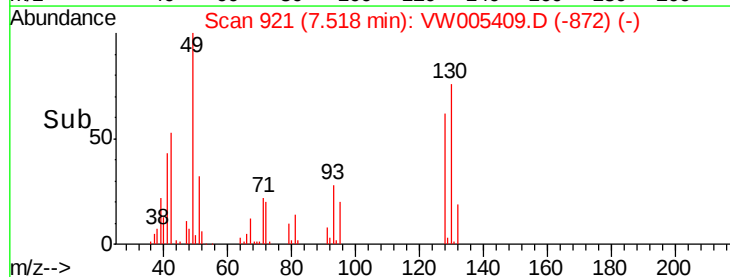
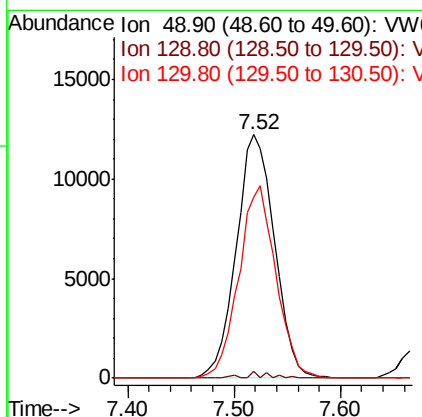
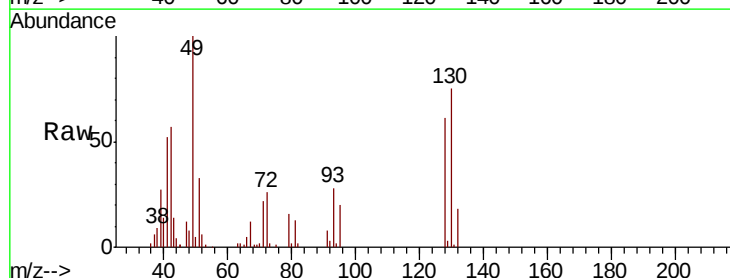
RT: 7.52 min Scan# 921

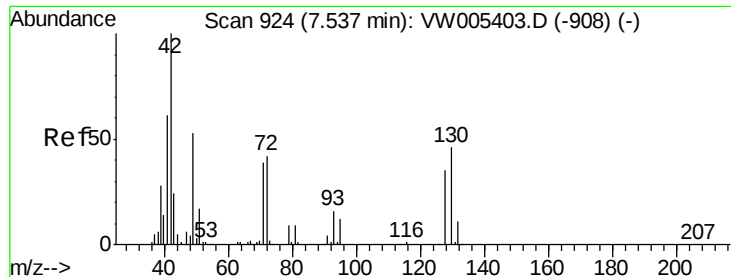
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	49	Resp:	30794
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.0
130	76.7	61.4	92.2





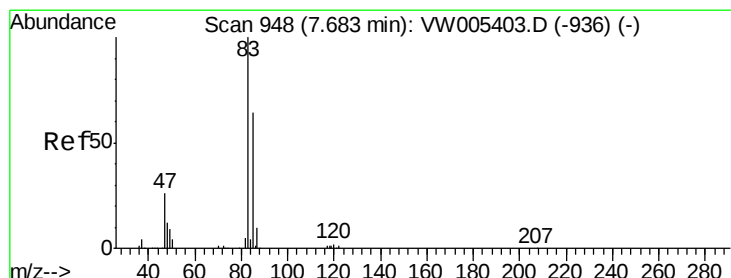
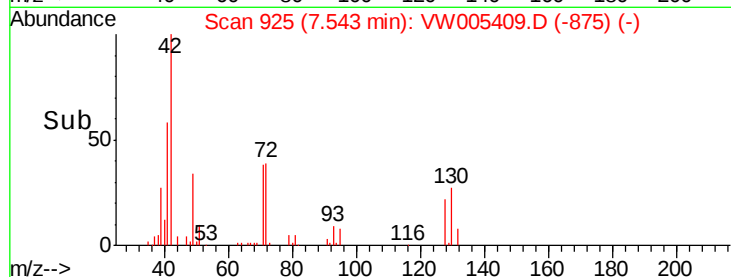
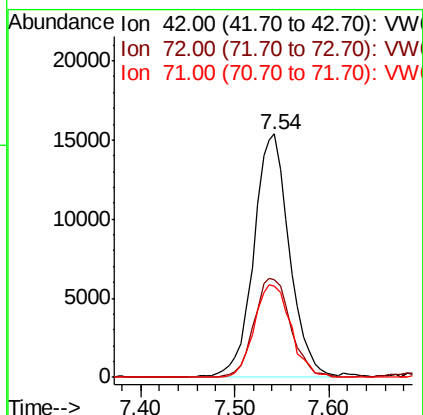
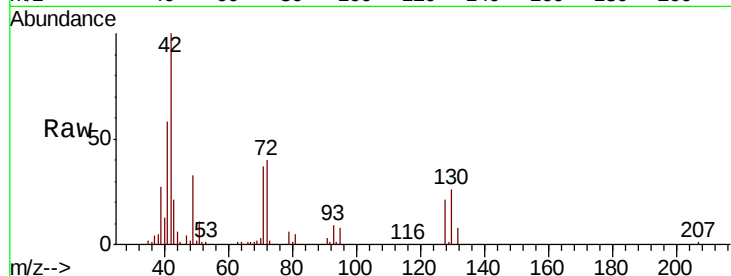
#29
Tetrahydrofuran
Concen: 115.76 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.2	49.8
71	38.8	31.0	46.6

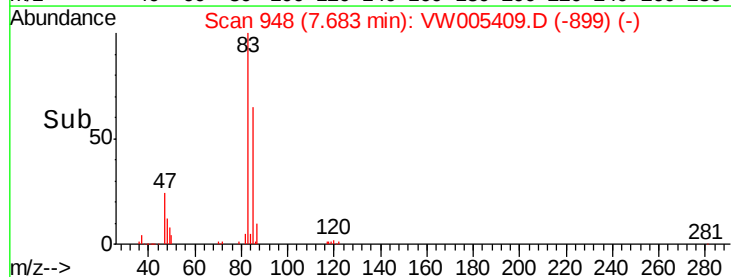
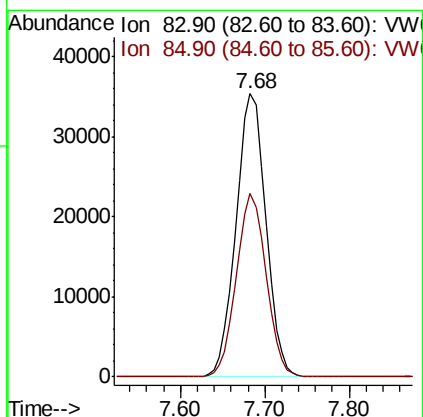
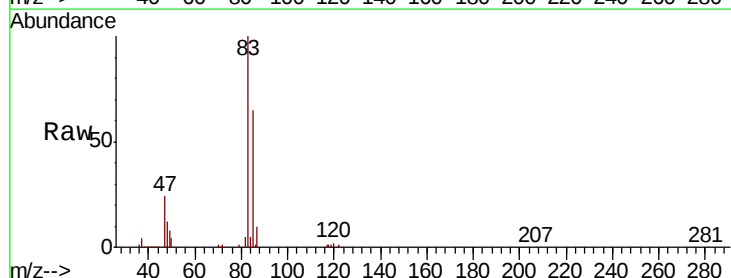
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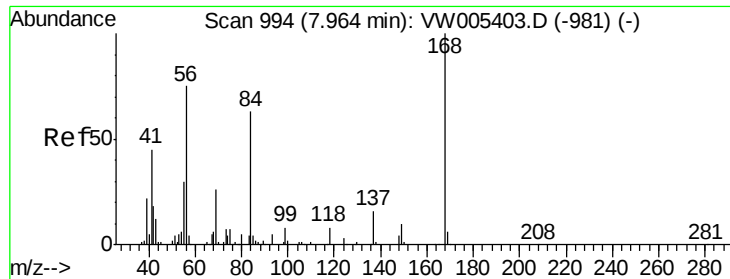
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#30
Chloroform
Concen: 21.42 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





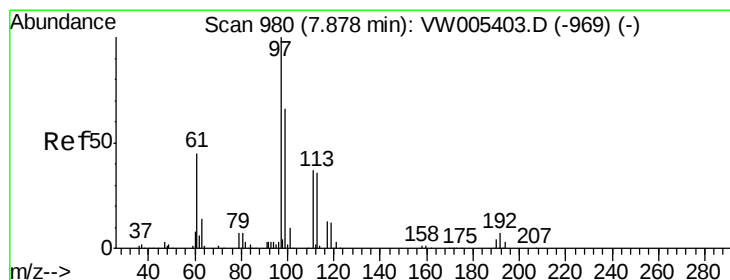
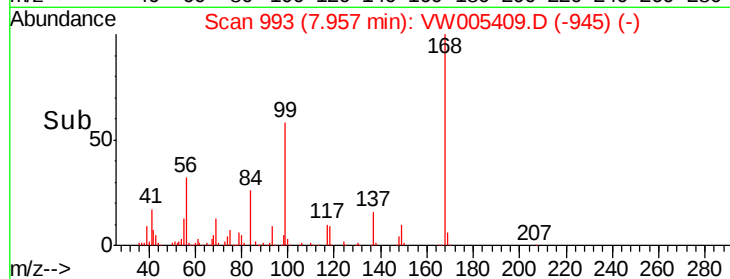
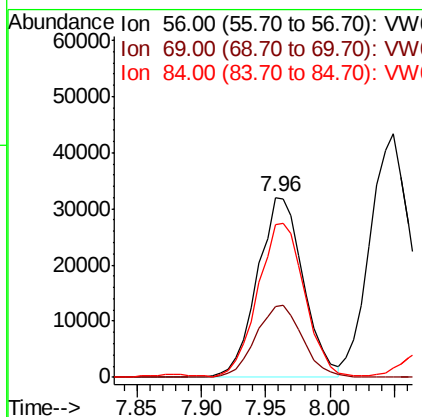
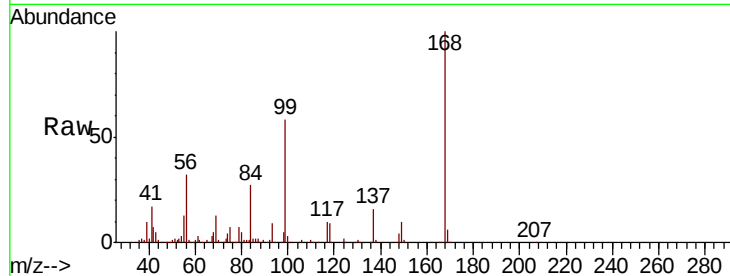
#31
Cyclohexane
Concen: 21.55 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampled :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.6	27.2	40.8
84	83.9	66.7	100.1

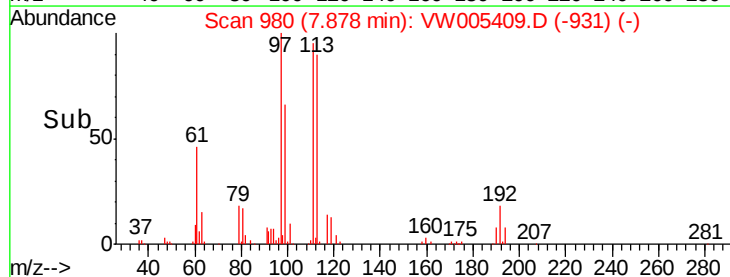
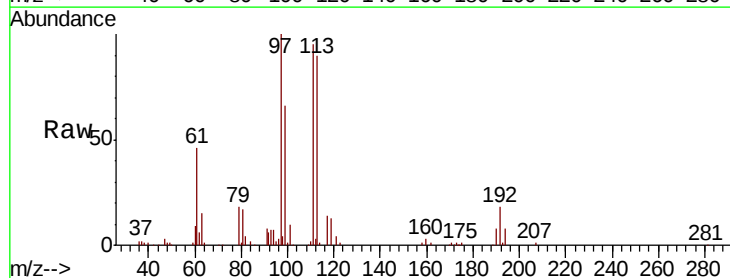
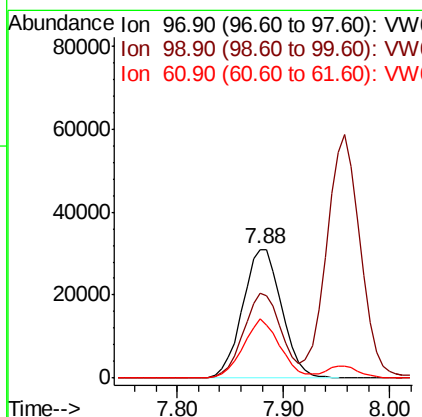
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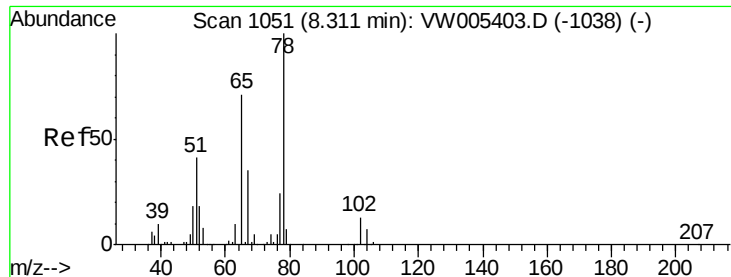
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#32
1,1,1-Trichloroethane
Concen: 21.70 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	43.4	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 53.13 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion: 65 Resp: 122629

Ion Ratio Lower Upper

65 100

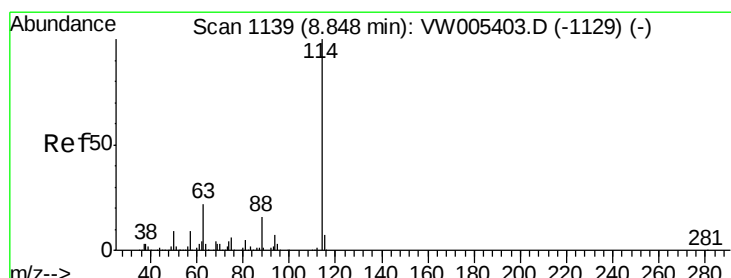
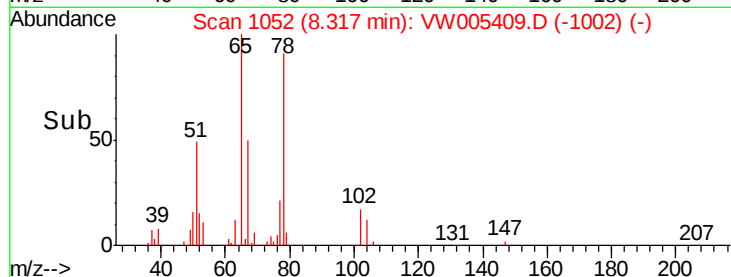
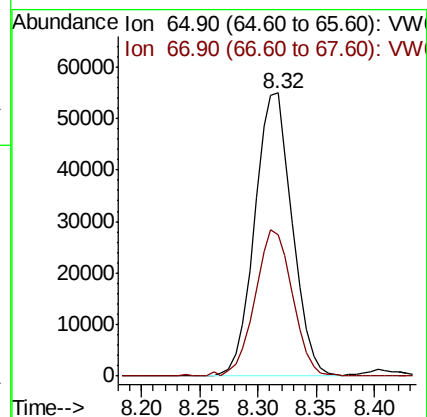
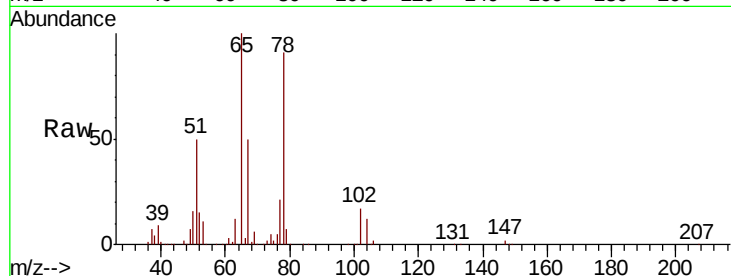
67 51.6 0.0 100.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

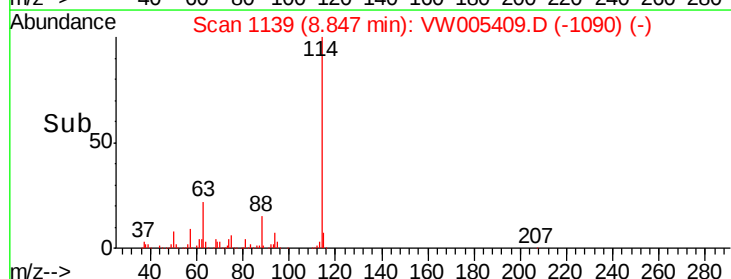
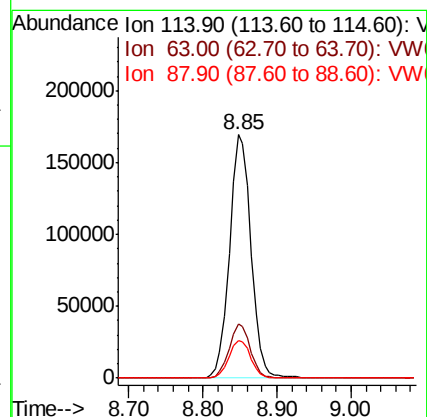
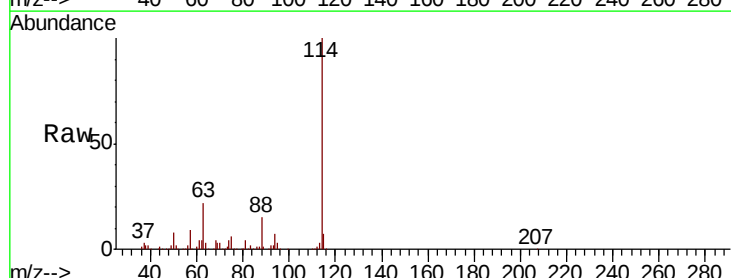
Tgt Ion: 114 Resp: 342012

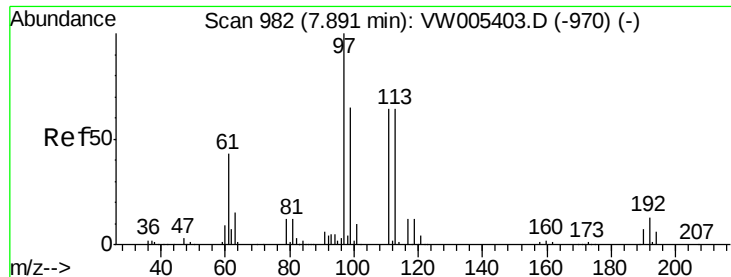
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 15.5 0.0 31.8





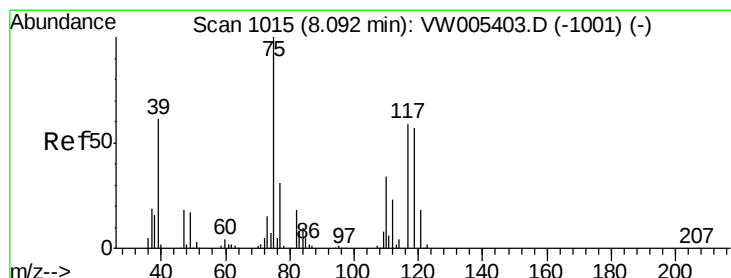
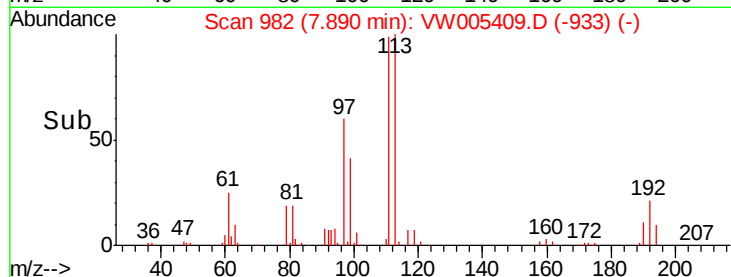
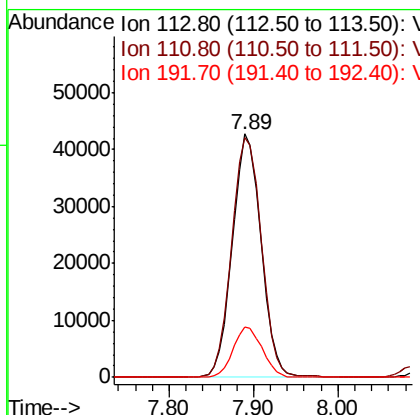
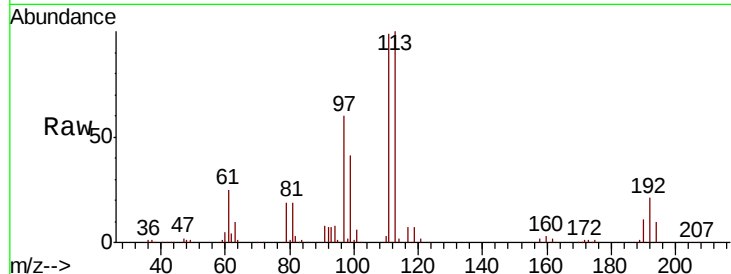
#35
 Dibromofluoromethane
 Concen: 51.21 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	21.0	16.5	24.7

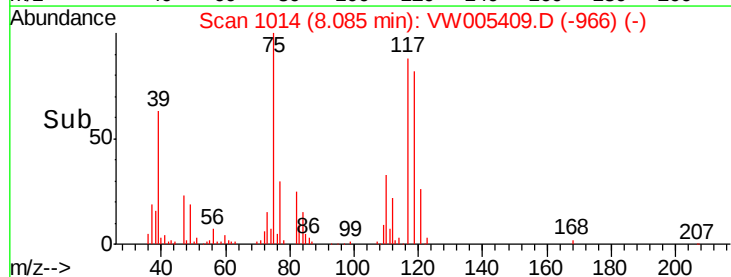
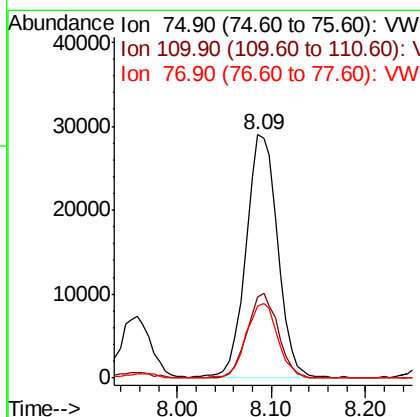
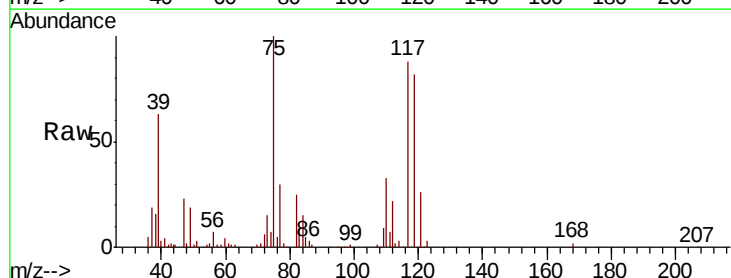
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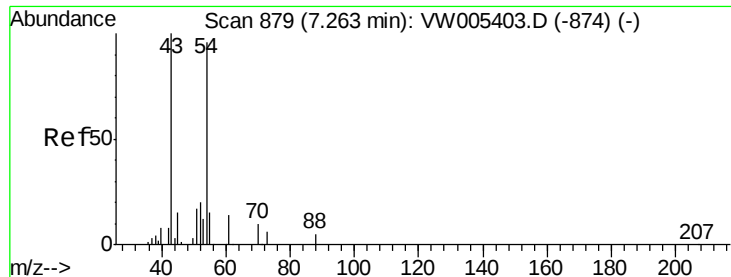
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#36
 1,1-Dichloropropene
 Concen: 20.89 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.8	50.4
77	31.0	24.2	36.4





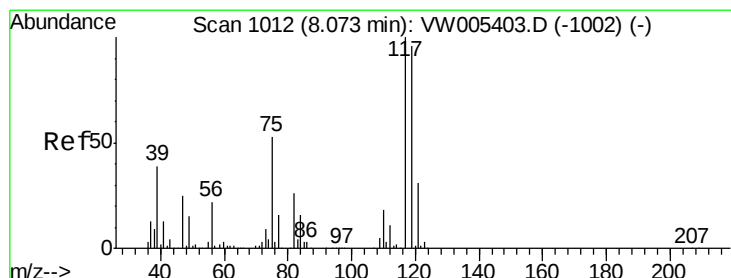
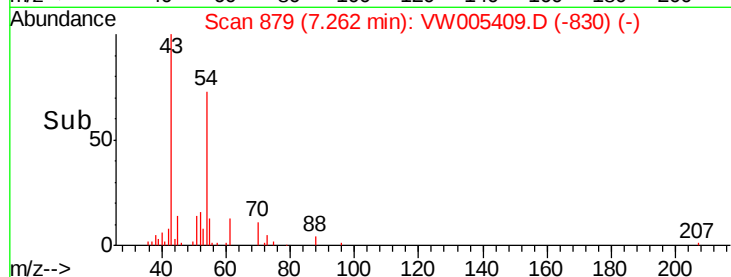
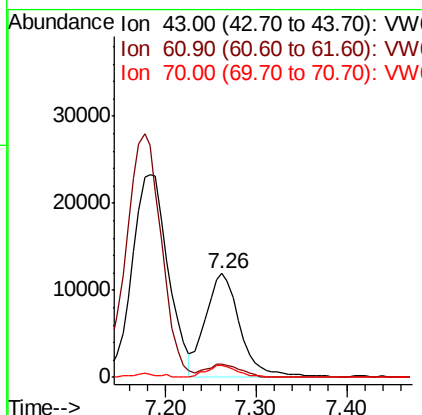
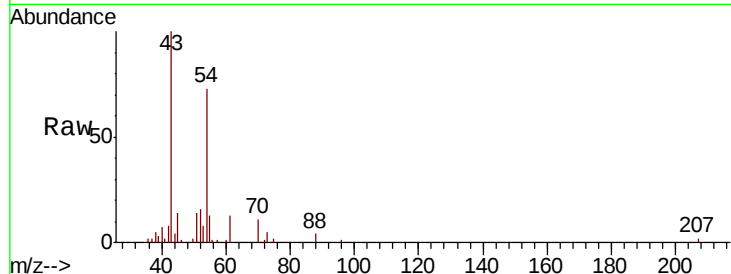
#37
Ethyl Acetate
Concen: 24.11 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampled :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	10.4	8.2	12.4

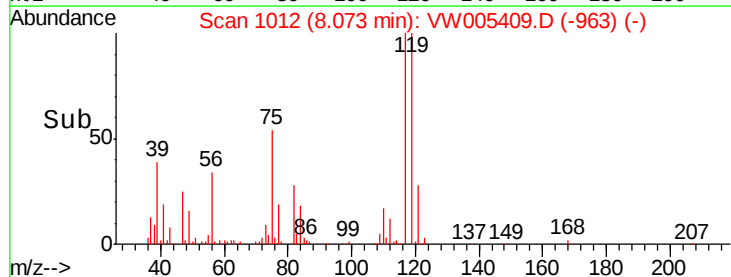
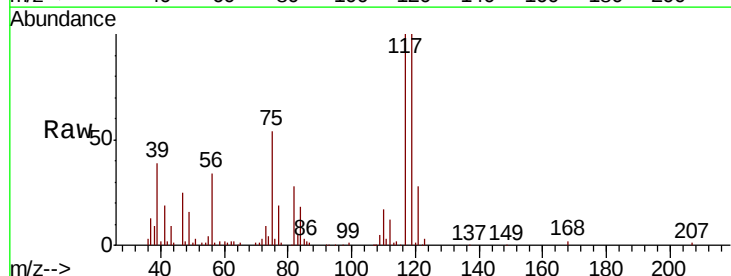
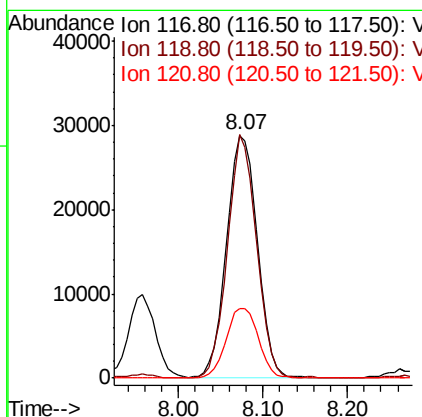
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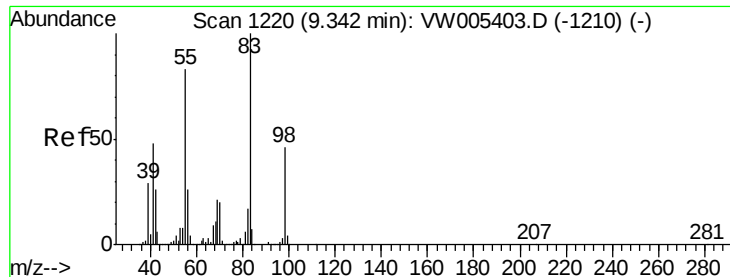
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#38
Carbon Tetrachloride
Concen: 21.30 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.8	115.2
121	28.5	24.7	37.1





#39

Methvlcvclohexane

Concen: 20.72 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

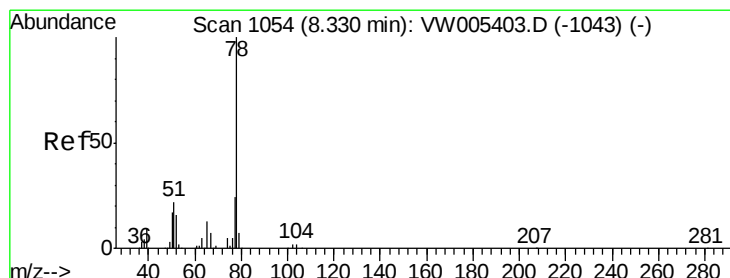
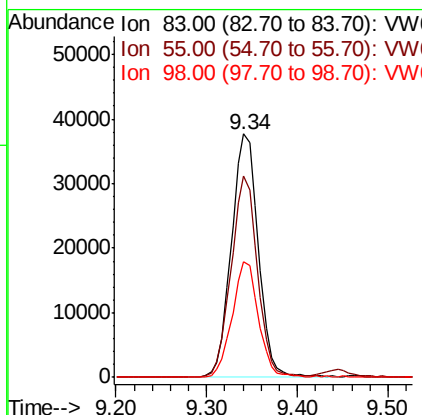
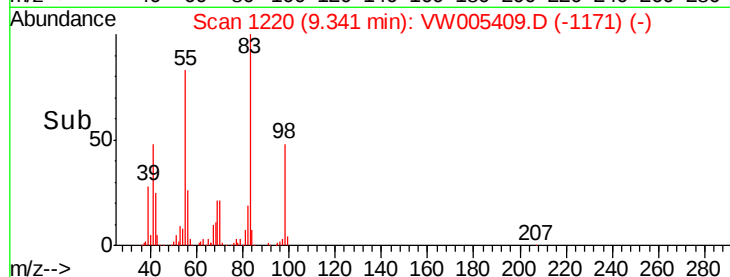
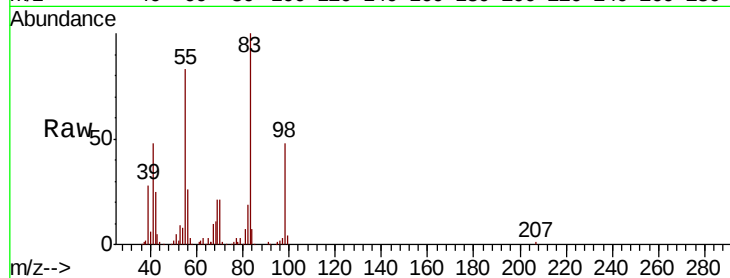
ClientSampleId :

VW0916SBS01

Tot Ion:	83	Resp:	77923
Ion	Ratio	Lower	Upper
83	100		
55	82.7	66.1	99.1
98	47.5	36.7	55.1

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#40

Benzene

Concen: 20.26 ug/l

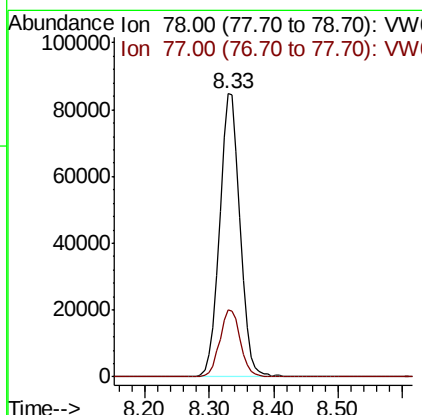
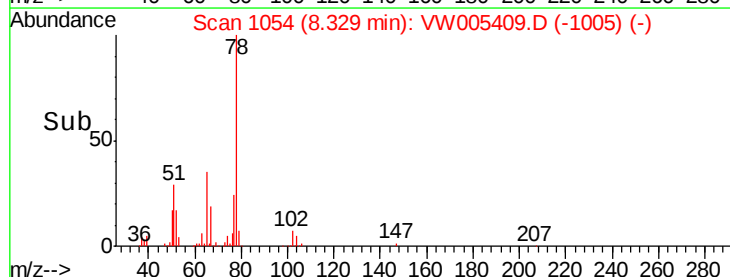
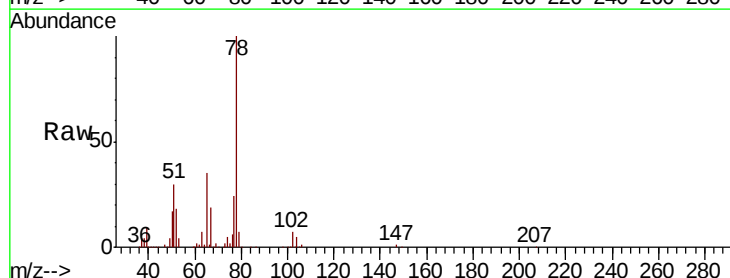
RT: 8.33 min Scan# 1054

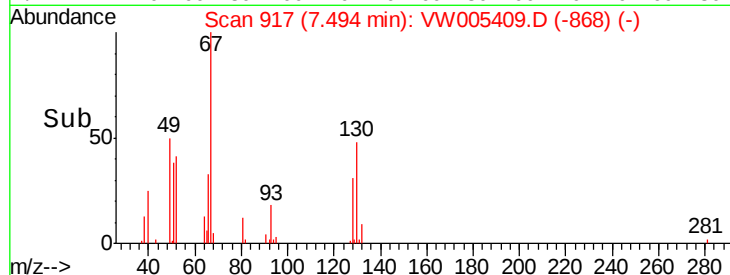
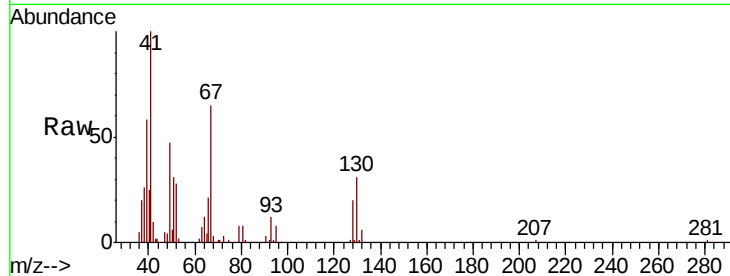
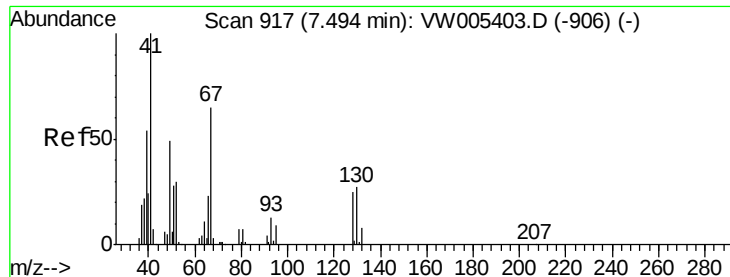
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	78	Resp:	189988
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





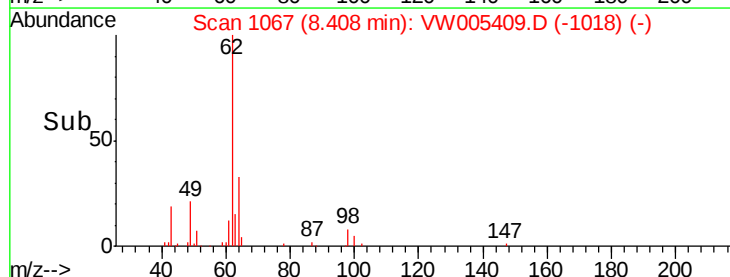
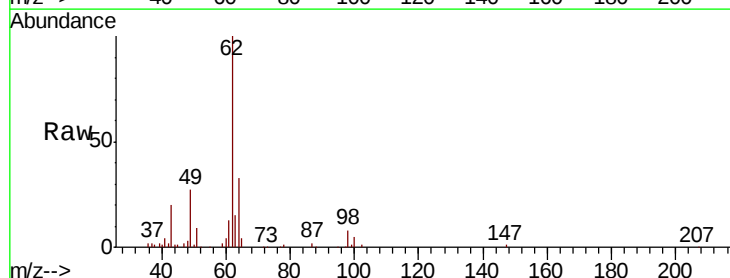
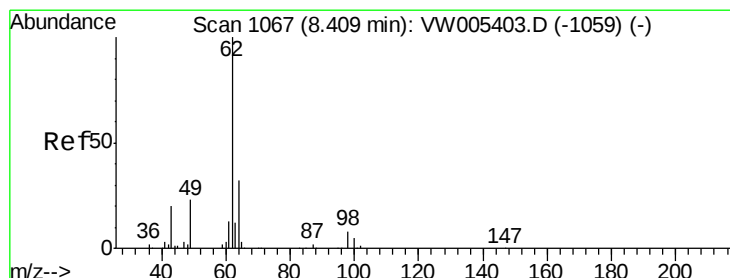
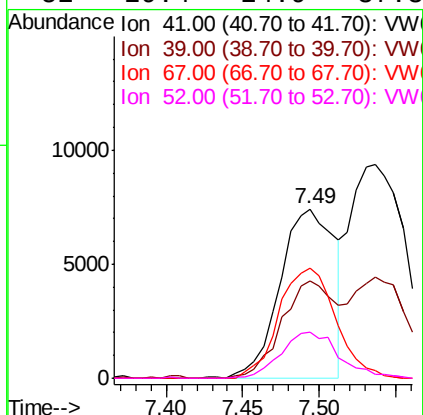
#41
Methacrylonitrile
Concen: 23.28 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.6	67.0
67	67.9	53.6	80.4
52	29.4	24.9	37.3

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

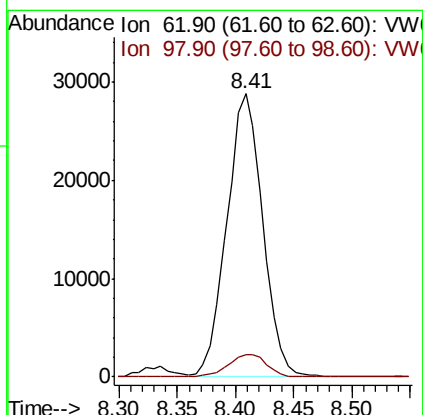
Manual Integrations
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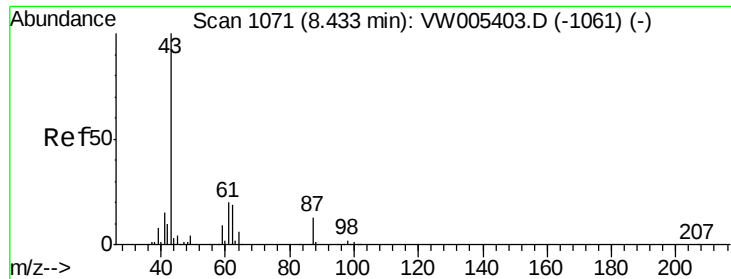
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#42
1,2-Dichloroethane
Concen: 21.02 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 22.03 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

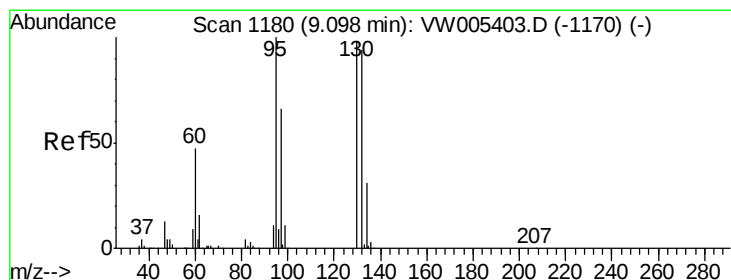
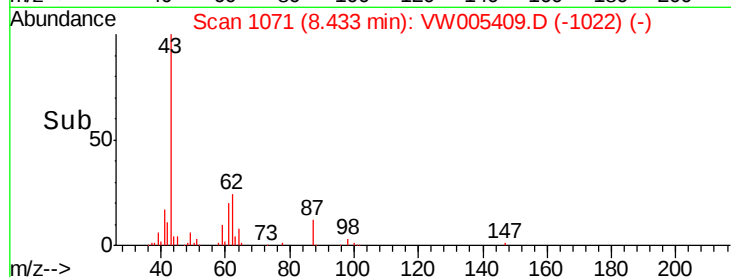
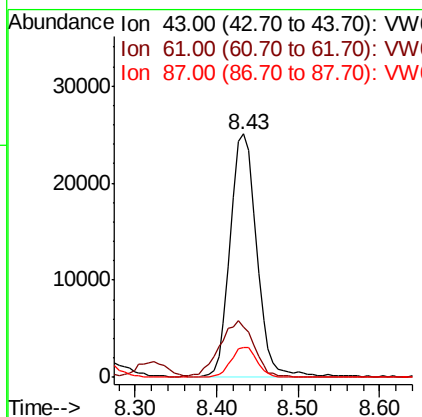
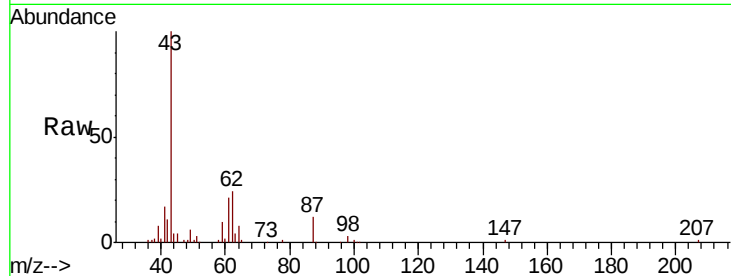
ClientSampleId :

VW0916SBS01

Tot Ion:	43	Resp:	56601
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.6
87	12.1	10.1	15.1

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#44

Trichloroethene

Concen: 20.53 ug/l

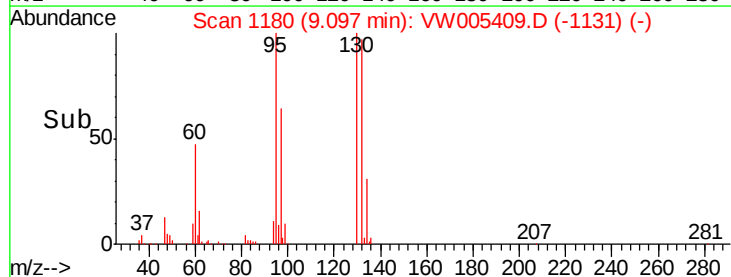
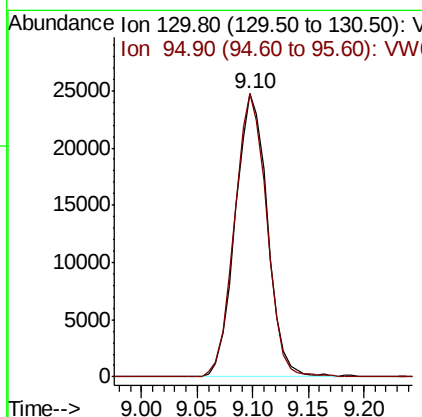
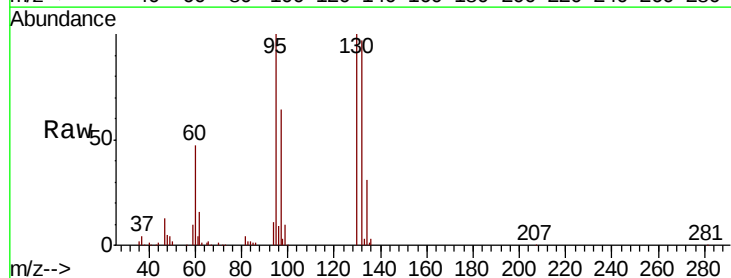
RT: 9.10 min Scan# 1180

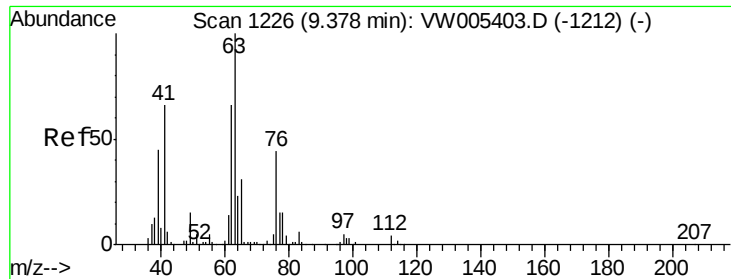
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	130	Resp:	49538
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	204.6





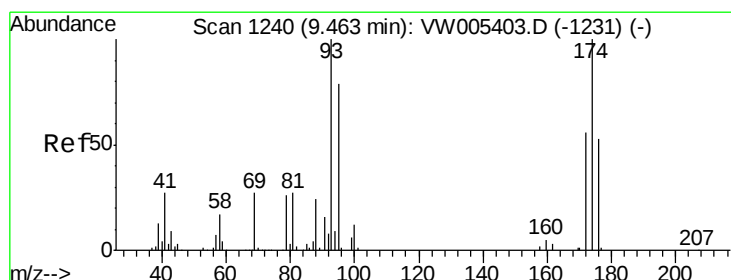
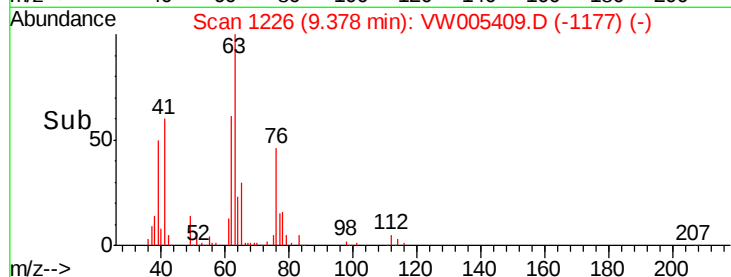
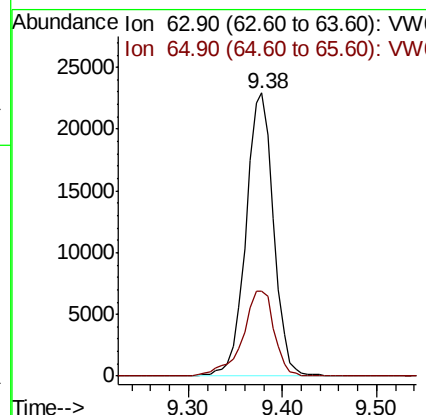
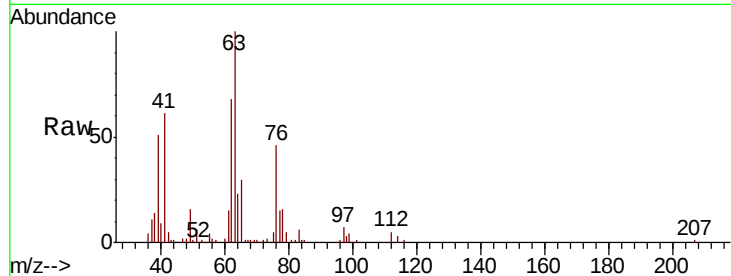
#45
 1,2-Dichloropropane
 Concen: 20.91 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampled :
 VW0916SBS01

Tot Ion: 63 Resp: 46831
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

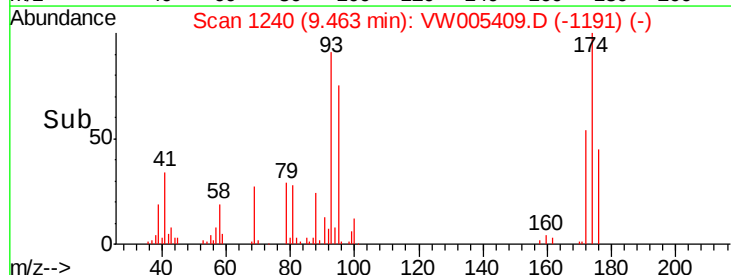
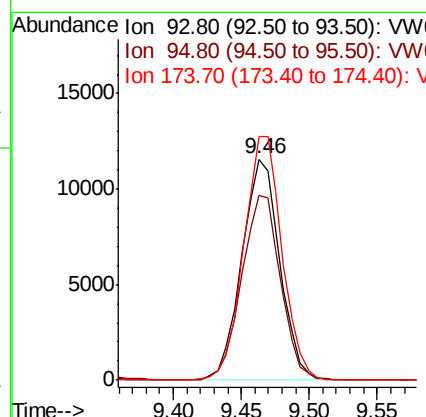
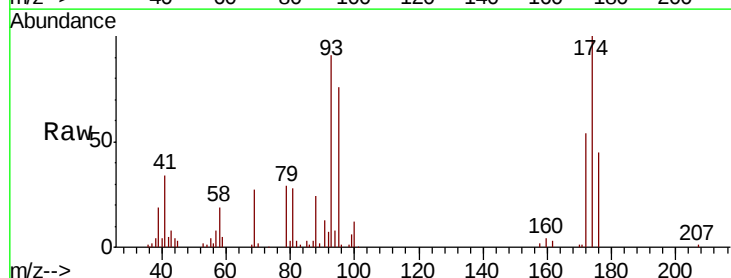
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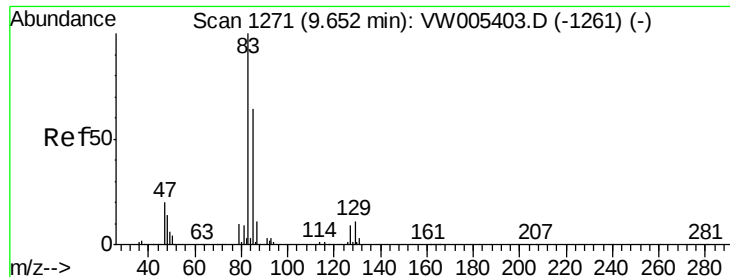
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#46
 Dibromomethane
 Concen: 20.41 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 93 Resp: 22495
 Ion Ratio Lower Upper
 93 100
 95 85.6 65.4 98.0
 174 111.3 83.4 125.2





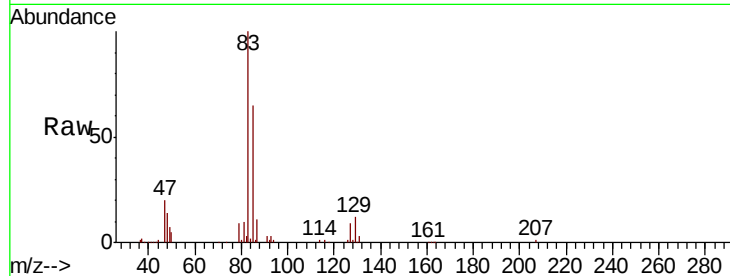
#47
Bromodichloromethane
Concen: 21.34 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

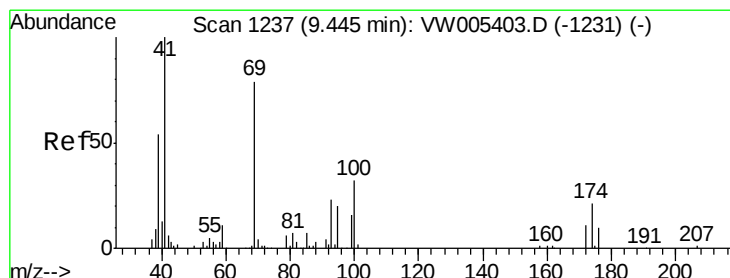
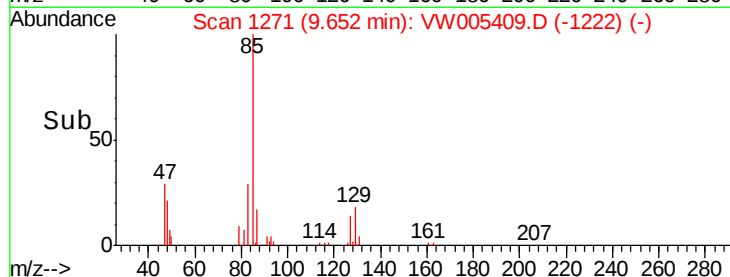
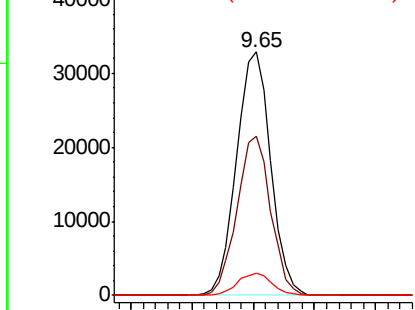
Tot Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3
127	9.4	7.0	10.4

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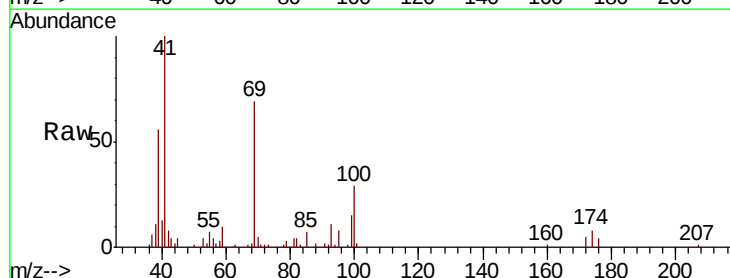


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

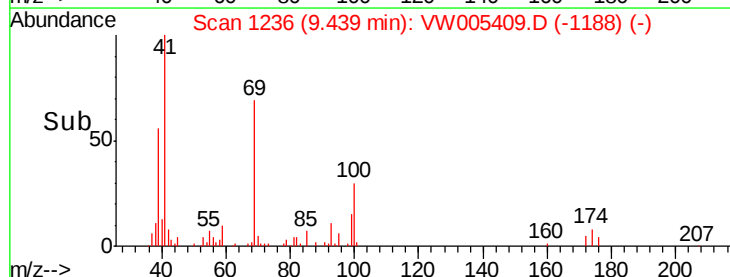
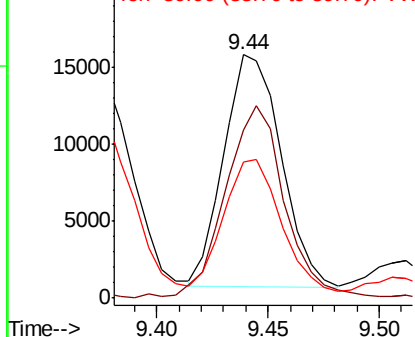


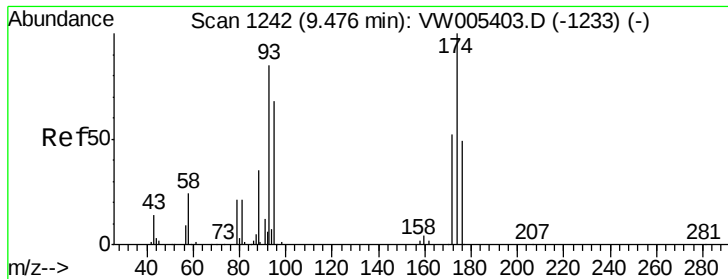
#48
Methyl methacrylate
Concen: 21.19 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.3	67.5	101.3
39	61.7	45.5	68.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





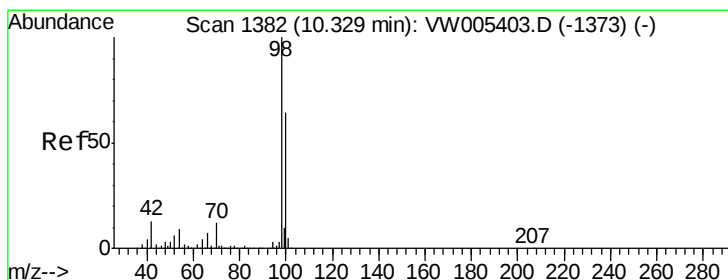
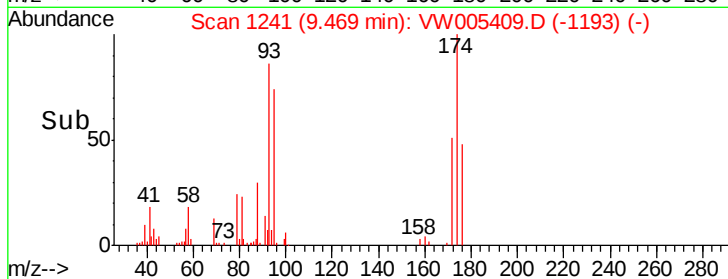
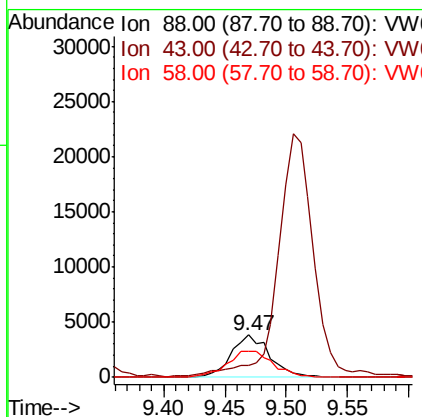
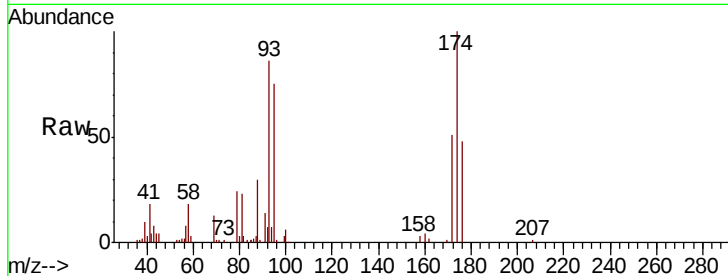
#49
1,4-Dioxane
Concen: 452.77 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	88	Resp	8316
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.1	62.4	93.6

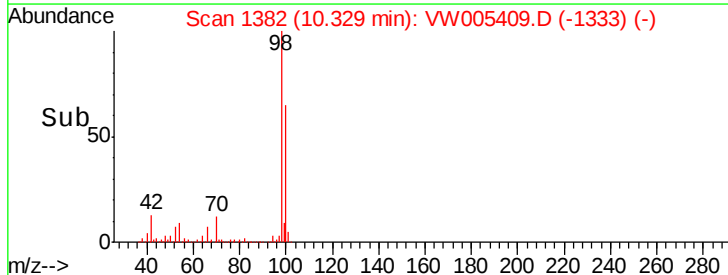
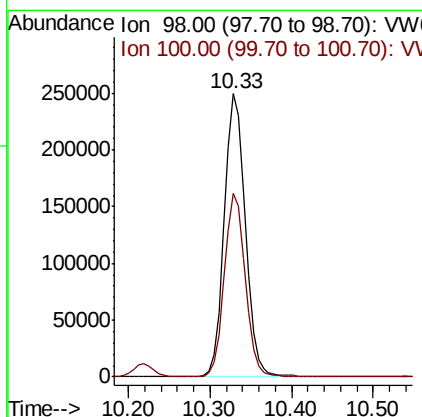
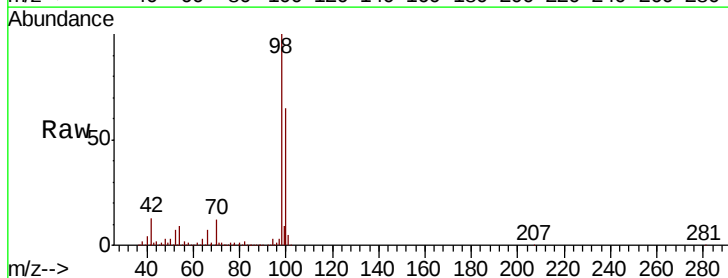
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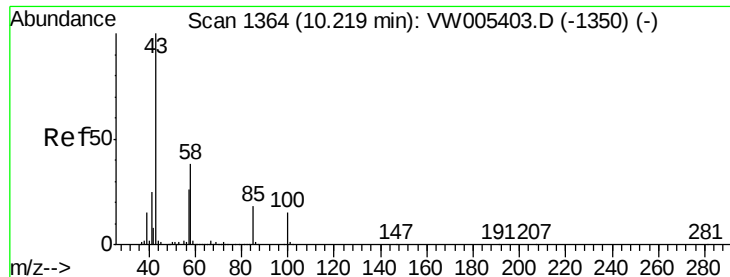
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#50
Toluene-d8
Concen: 50.68 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	98	Resp	445032
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 108.94 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tot Ion: 43 Resp: 144058

Ion Ratio Lower Upper

43 100

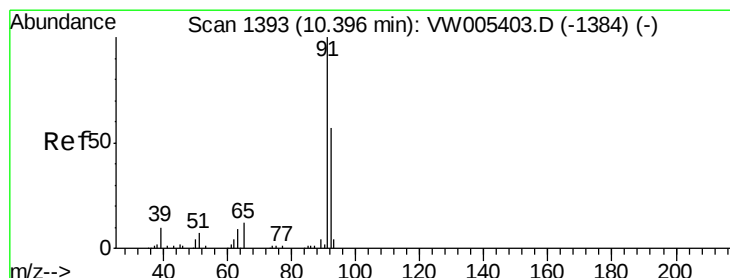
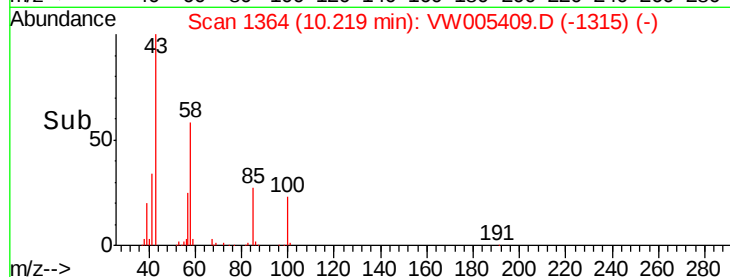
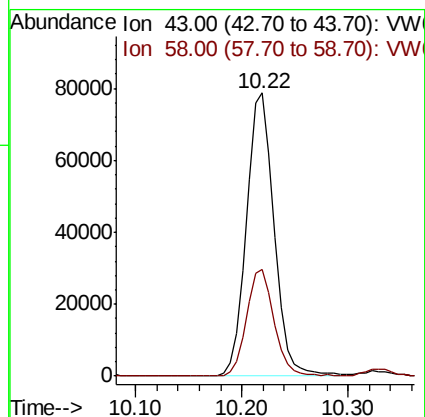
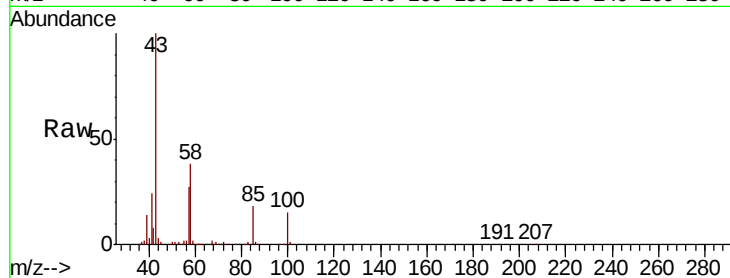
58 37.6 29.9 44.9

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#52

Toluene

Concen: 20.88 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005409.D

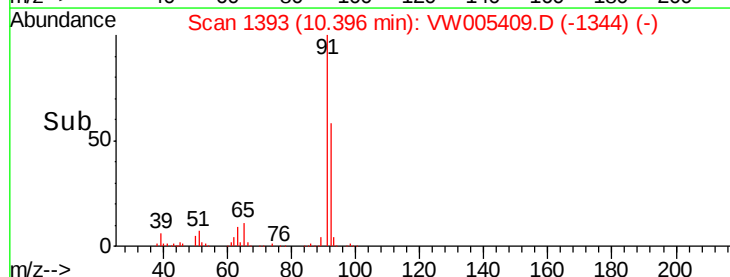
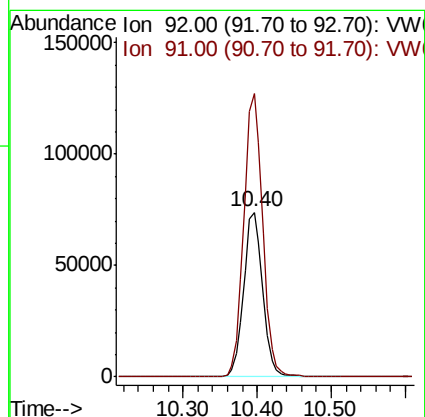
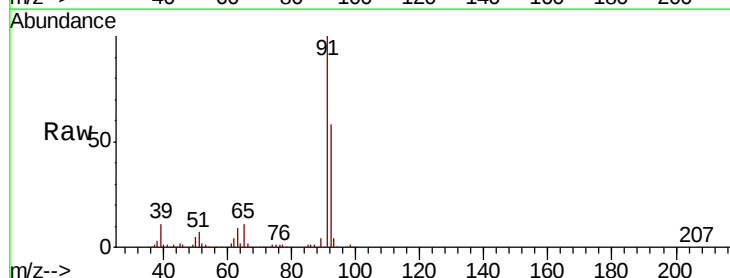
Acq: 15 Sep 2018 03:29

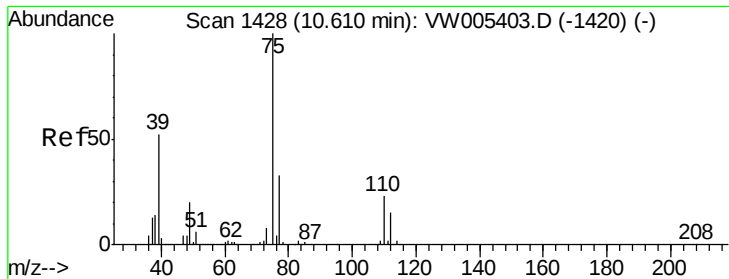
Tgt Ion: 92 Resp: 132600

Ion Ratio Lower Upper

92 100

91 171.3 139.1 208.7





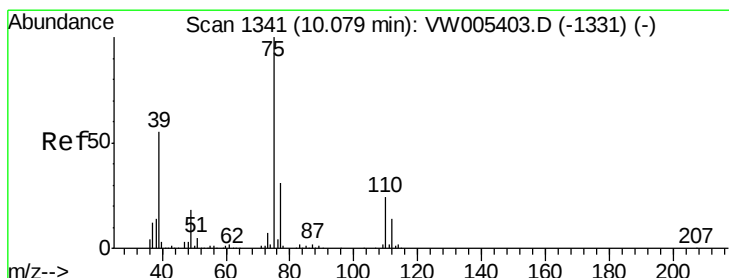
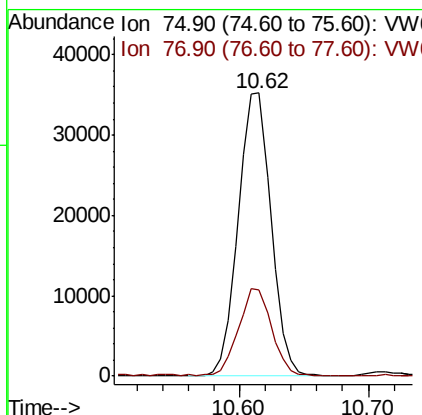
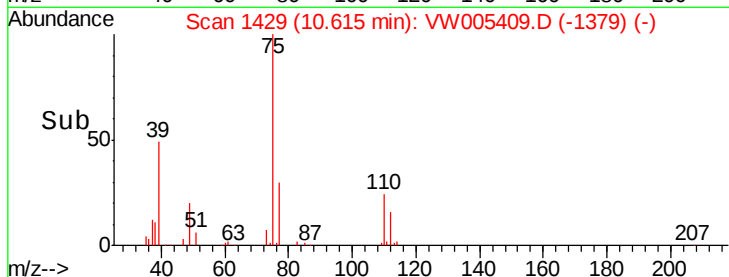
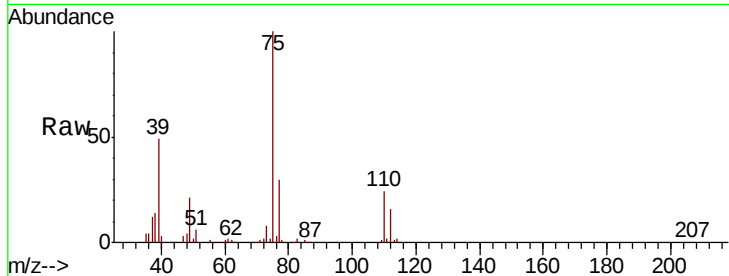
#53
t-1,3-Dichloropropene
Concen: 20.82 ug/l
RT: 10.62 min Scan# 1429
Delta R.T. 0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion: 75 Resp: 62213
Ion Ratio Lower Upper
75 100
77 30.2 26.5 39.7

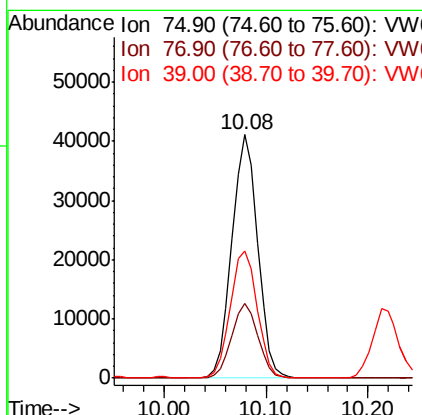
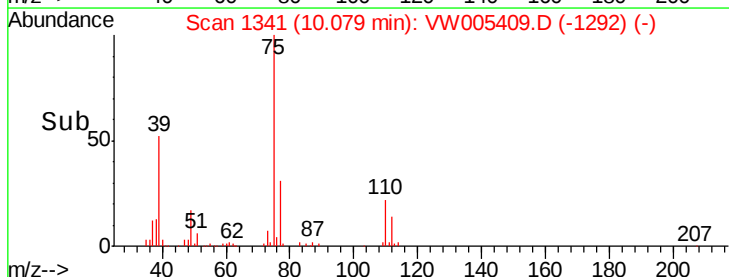
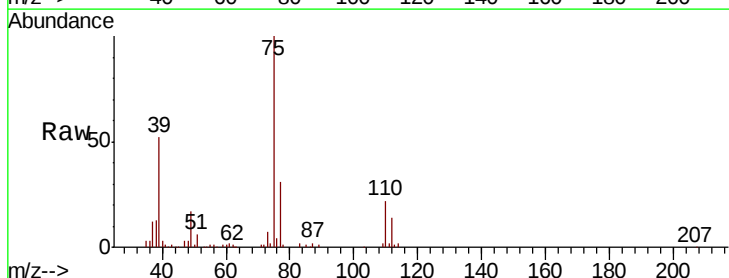
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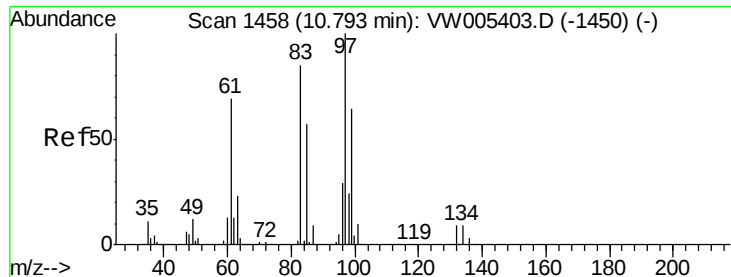
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#54
cis-1,3-Dichloropropene
Concen: 21.18 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 75 Resp: 71663
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 52.1 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 20.96 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

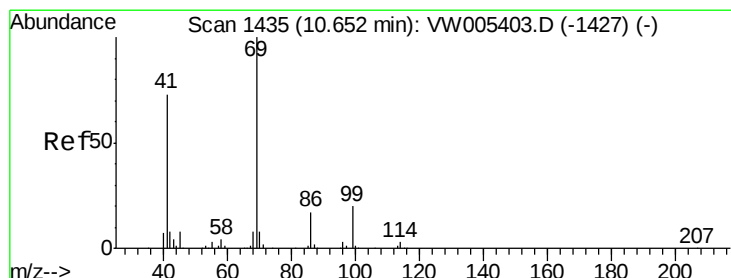
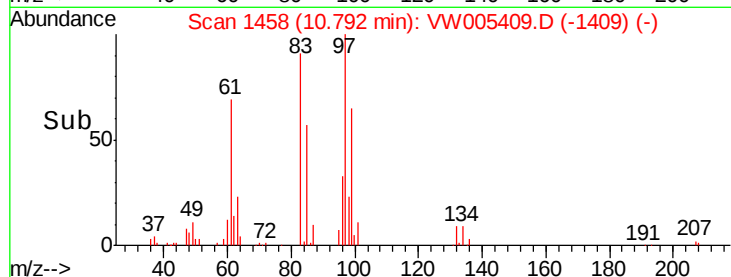
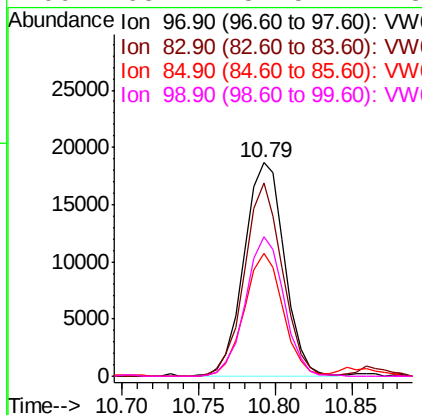
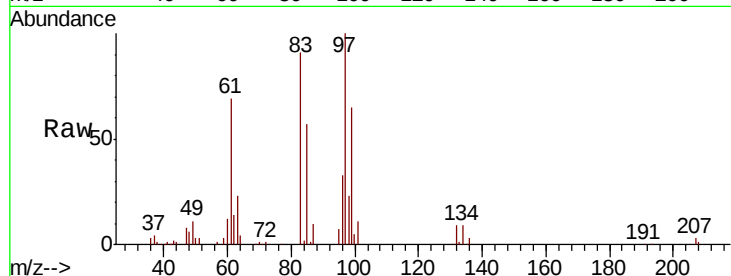
ClientSampleId :

VW0916SBS01

Tot Ion:	97	Resp:	34333
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.8	101.8
85	57.4	45.4	68.0
99	65.4	51.5	77.3

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#56

Ethyl methacrylate

Concen: 21.13 ug/l

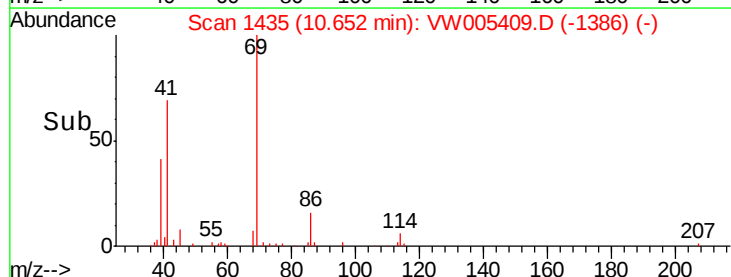
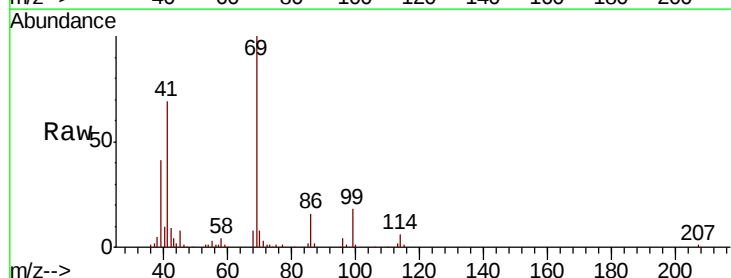
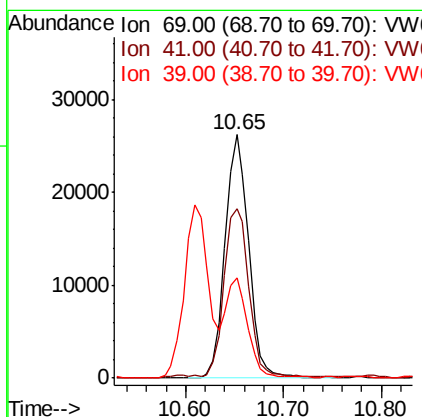
RT: 10.65 min Scan# 1435

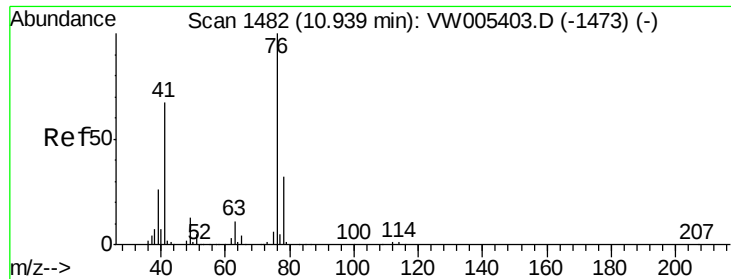
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	69	Resp:	43804
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	37.9	30.2	45.4





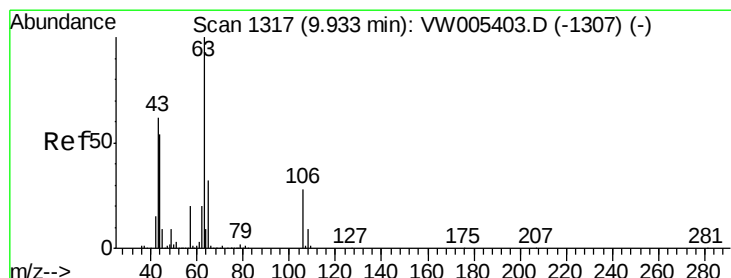
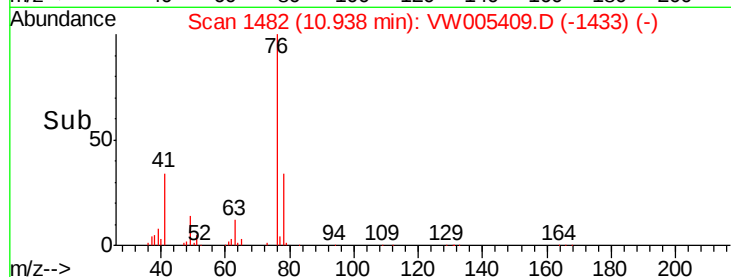
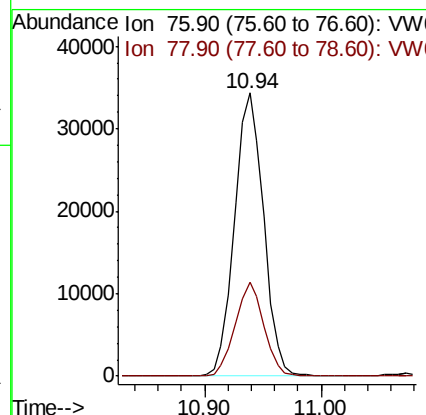
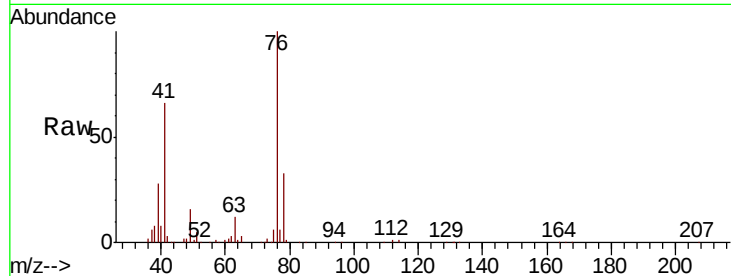
#57
 1,3-Dichloropropane
 Concen: 21.10 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion: 76 Resp: 59665
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4

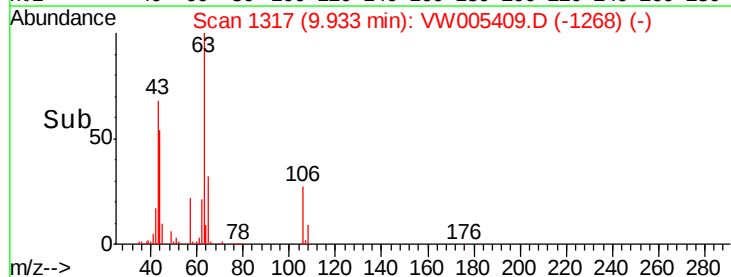
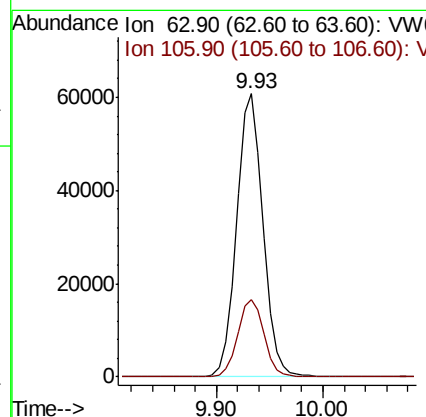
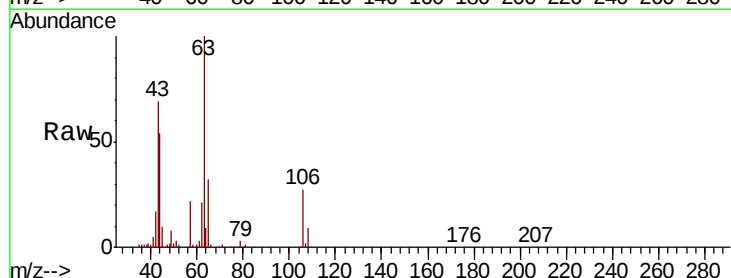
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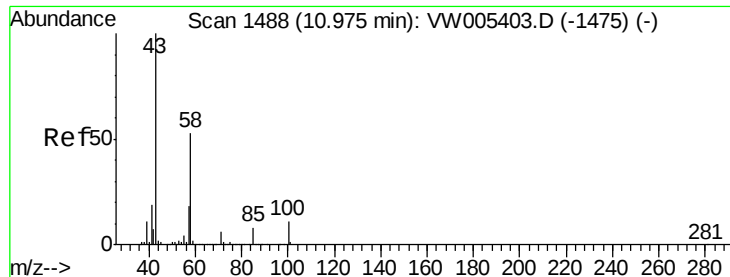
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.68 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion: 63 Resp: 105654
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.0 33.0





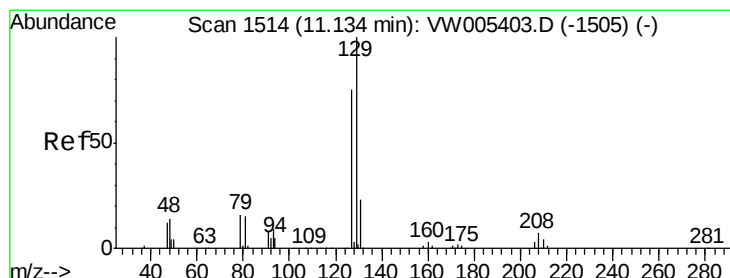
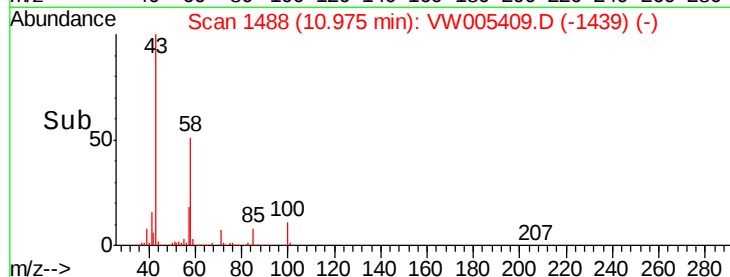
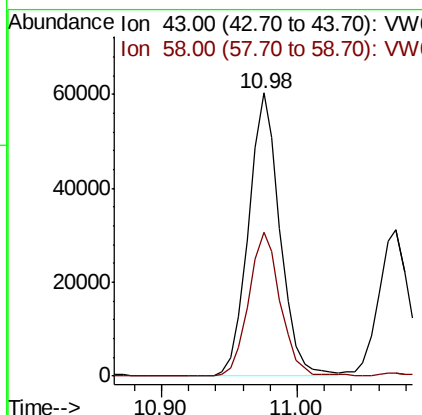
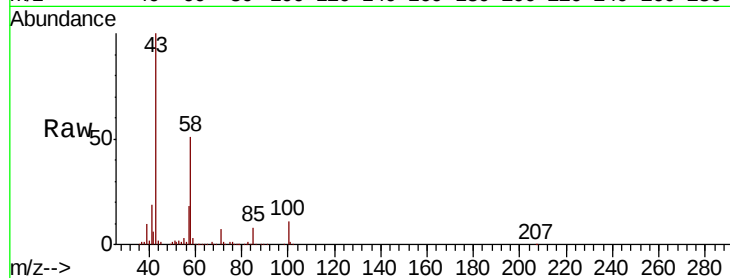
#59
2-Hexanone
Concen: 108.57 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion: 43 Resp: 97799
Ion Ratio Lower Upper
43 100
58 51.2 25.5 76.5

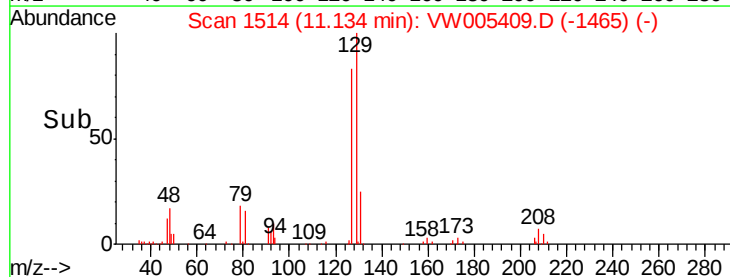
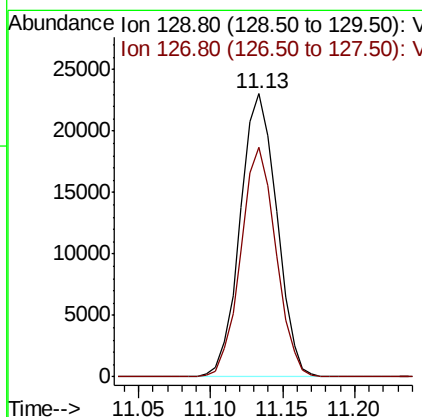
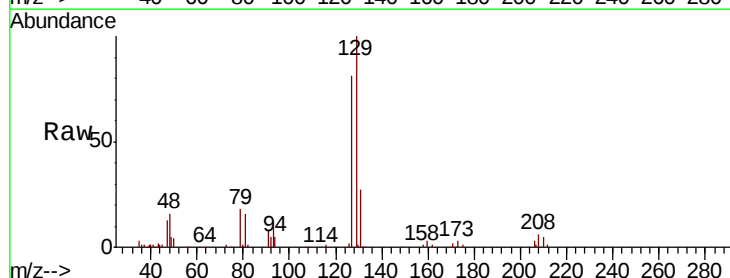
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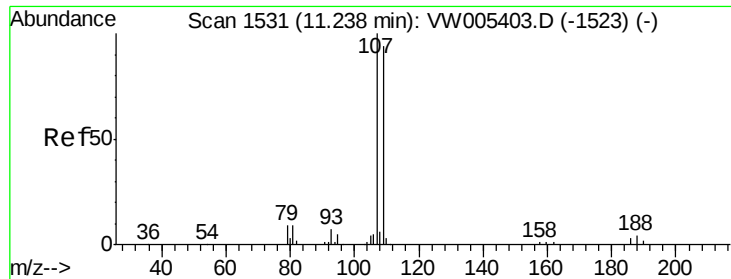
apatel
9/17/2018 2:24:18 PM



#60
Dibromochloromethane
Concen: 20.65 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 129 Resp: 40699
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.12 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion: 107 Resp: 31019

Ion Ratio Lower Upper

107 100

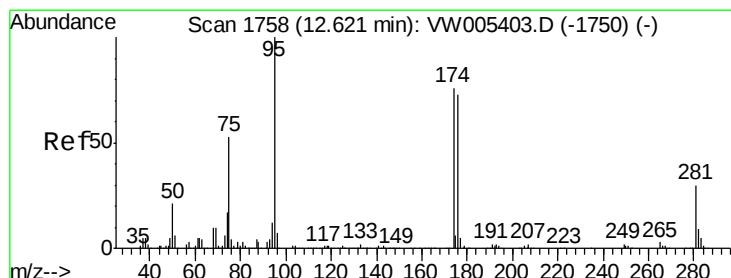
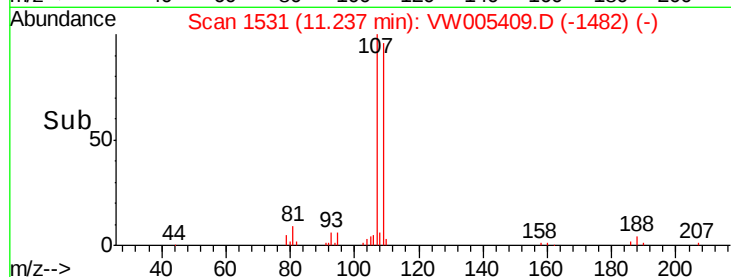
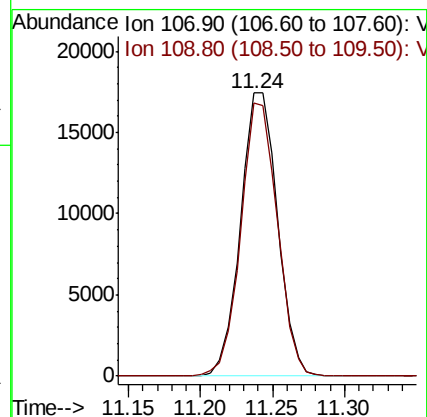
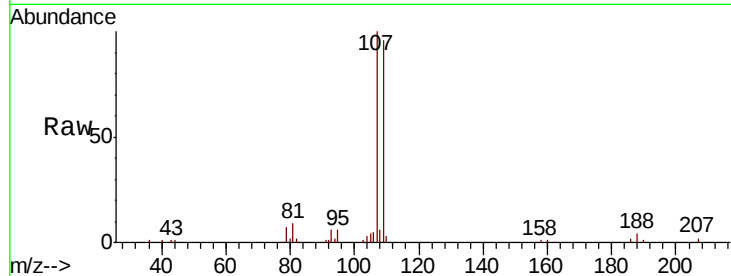
109 95.4 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.94 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

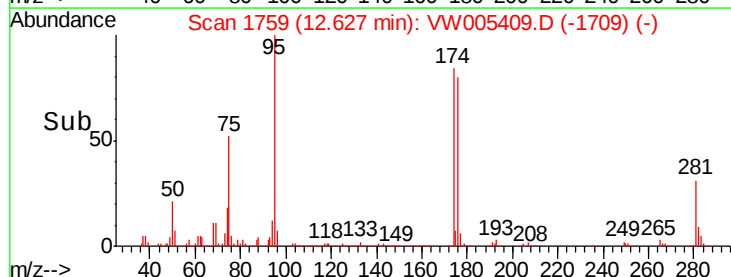
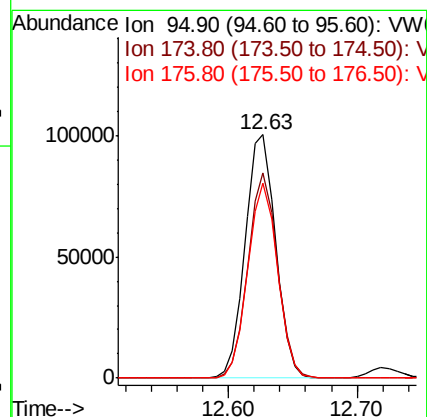
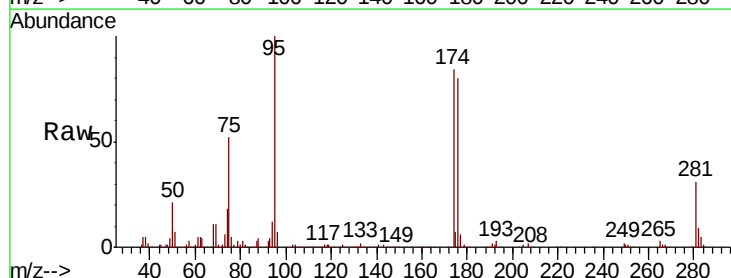
Tgt Ion: 95 Resp: 164011

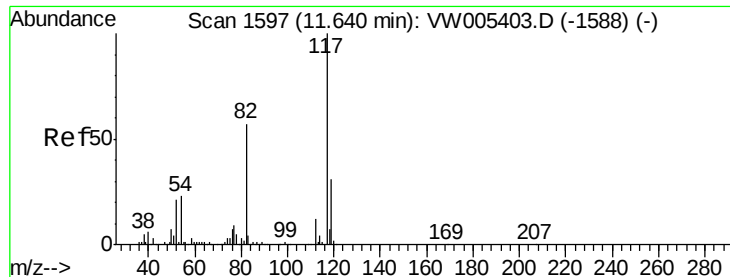
Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.2

176 78.1 0.0 156.6





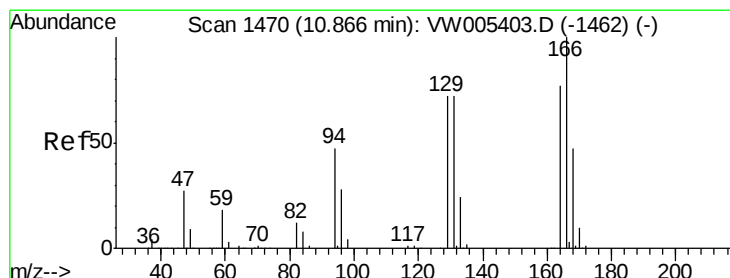
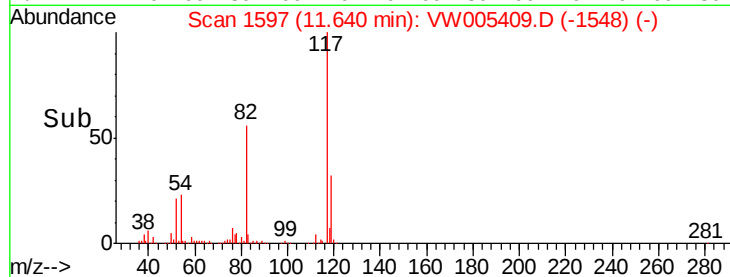
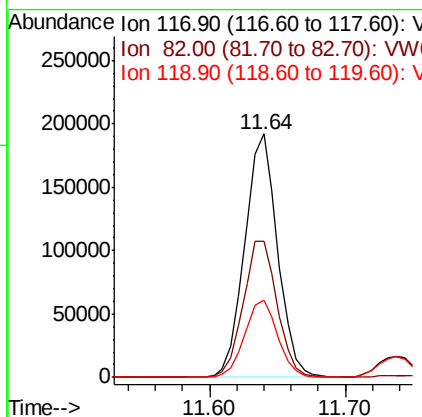
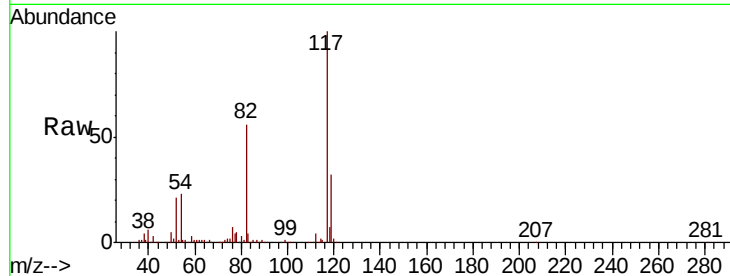
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	31.7	24.8	37.2

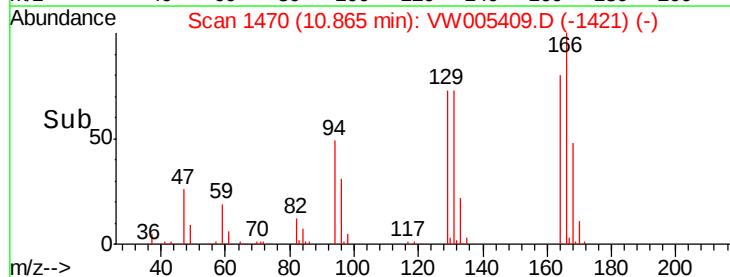
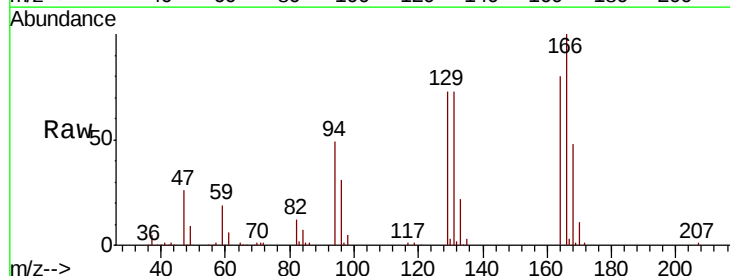
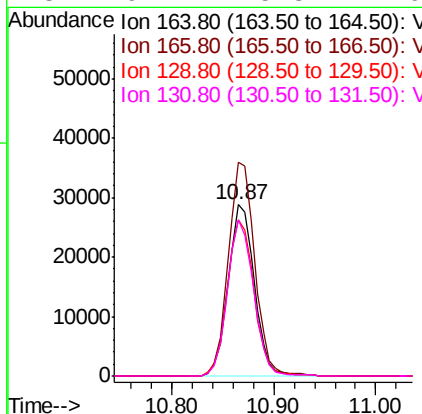
Manual Integrations
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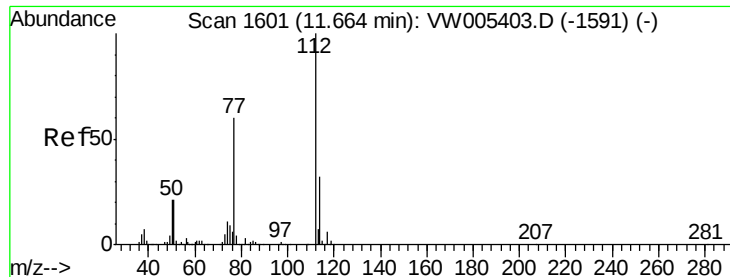
apatel
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#64
Tetrachloroethene
Concen: 21.30 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	104.0	156.0
129	91.5	74.9	112.3
131	91.4	75.3	112.9





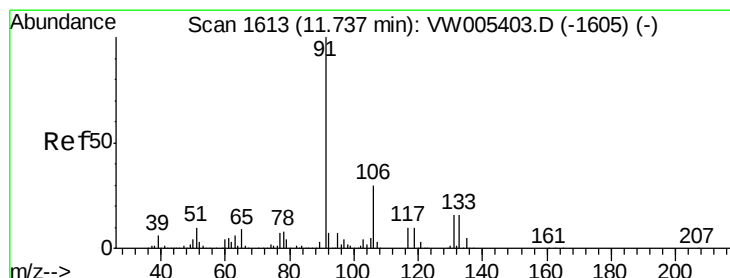
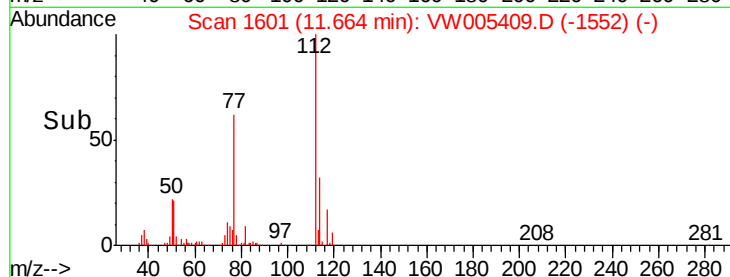
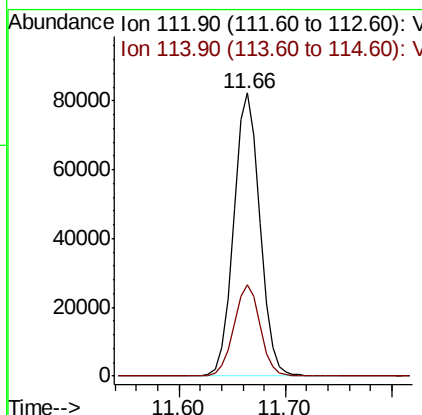
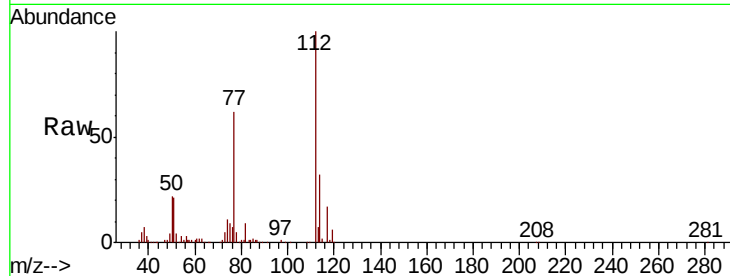
#65
Chlorobenzene
Concen: 20.63 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

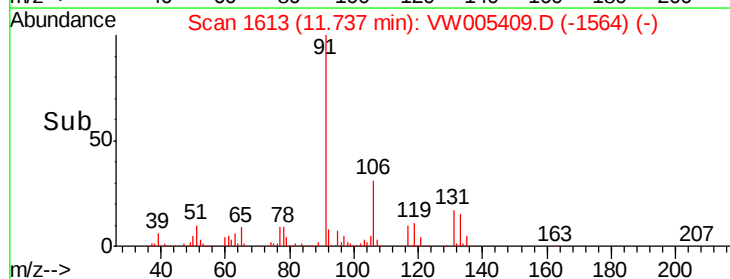
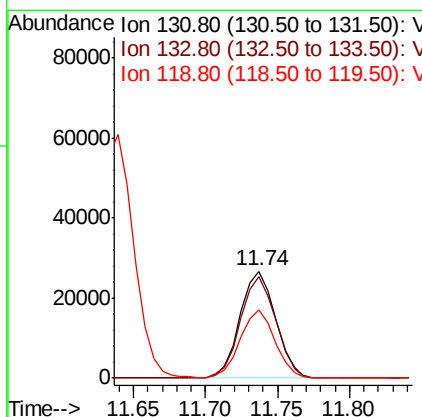
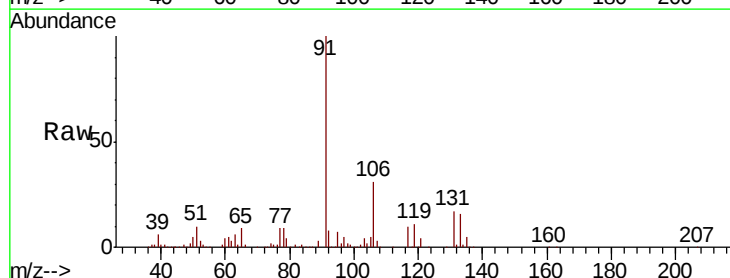
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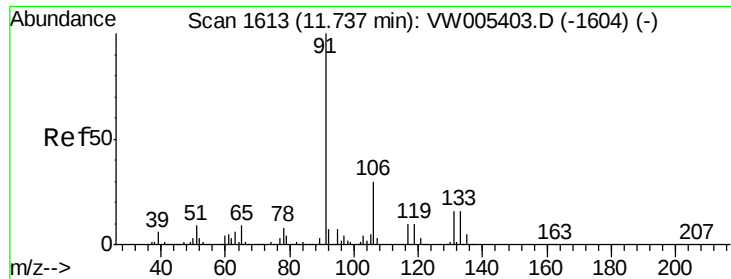
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.87 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.9
119	62.3	31.1	93.5





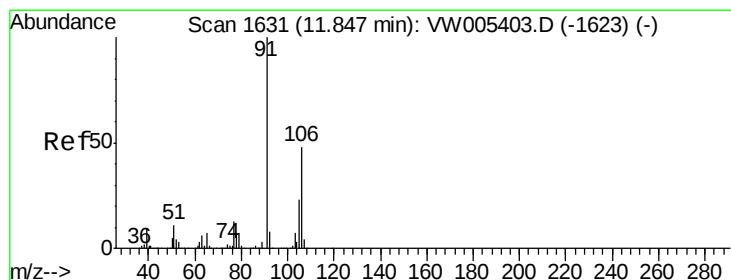
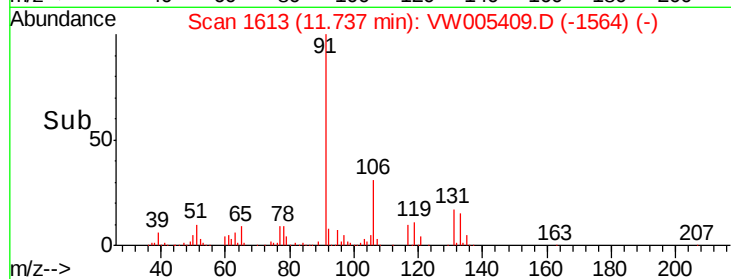
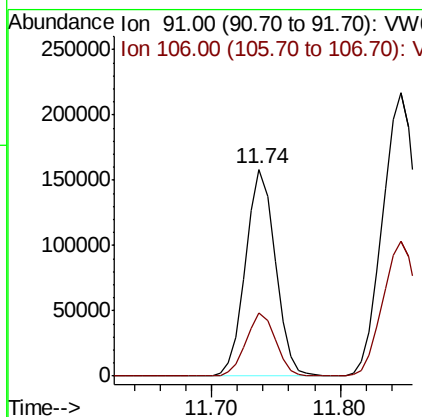
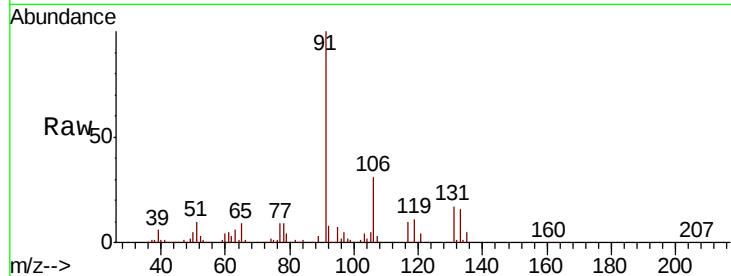
#67
Ethyl Benzene
Concen: 20.98 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion: 91 Resp: 253766
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

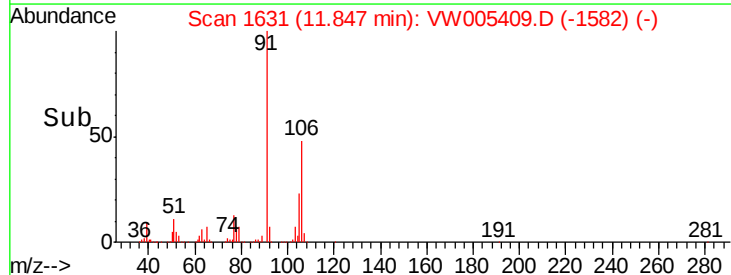
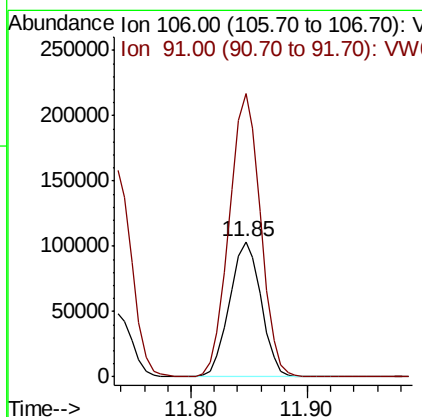
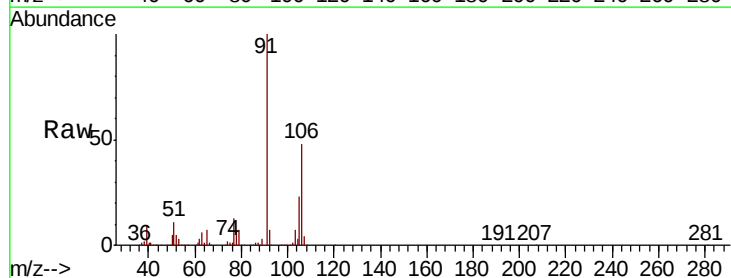
Manual Integrations
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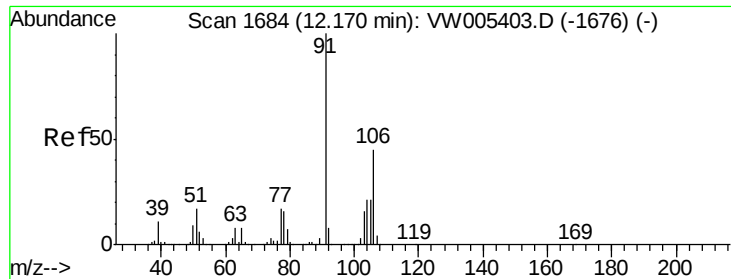
apatel
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#68
m/p-Xylenes
Concen: 41.88 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion: 106 Resp: 195008
Ion Ratio Lower Upper
106 100
91 208.4 167.9 251.9





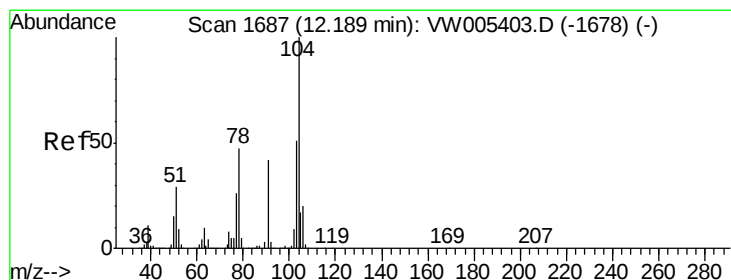
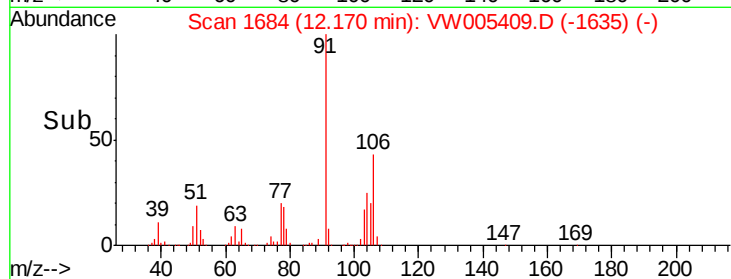
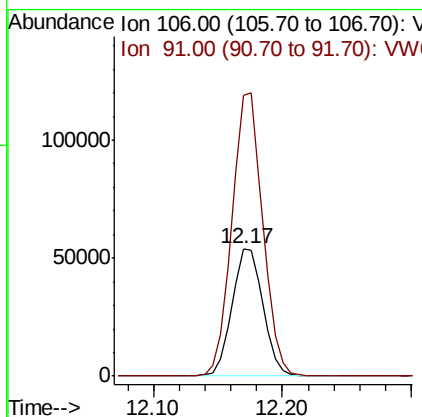
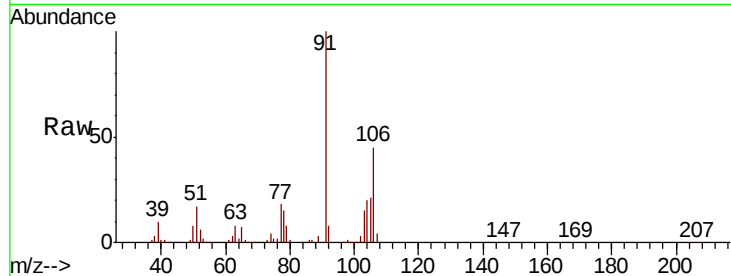
#69
o-Xylene
Concen: 20.83 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
Client Sampled :
VW0916SBS01

Tot Ion:106 Resp: 90322
Ion Ratio Lower Upper
106 100
91 221.2 110.6 331.6

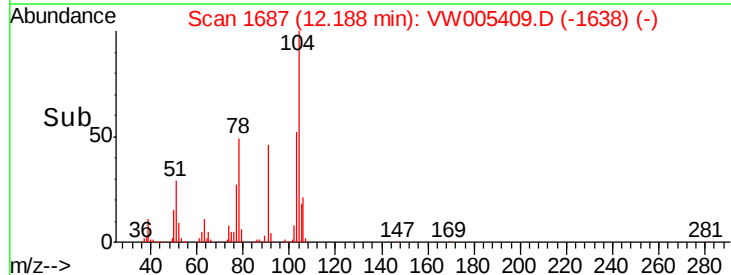
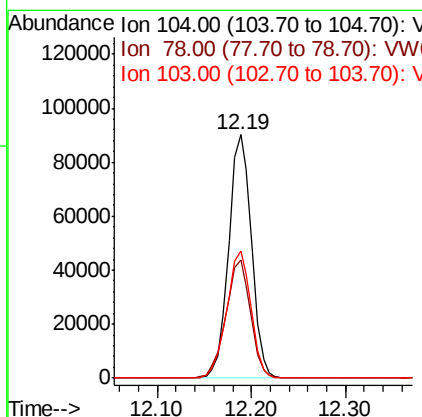
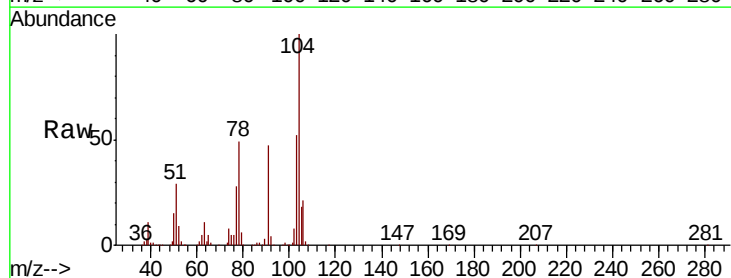
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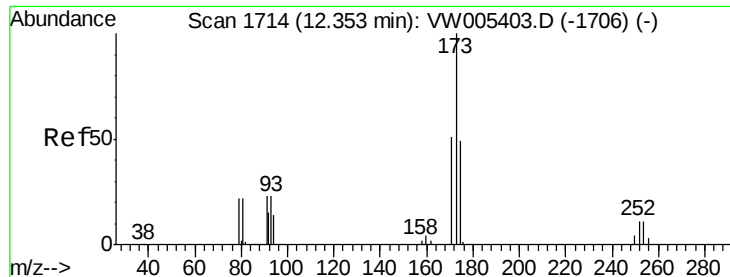
apatel
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#70
Styrene
Concen: 21.17 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion:104 Resp: 151450
Ion Ratio Lower Upper
104 100
78 52.6 42.4 63.6
103 55.6 44.8 67.2





#71

Bromoform

Concen: 21.08 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

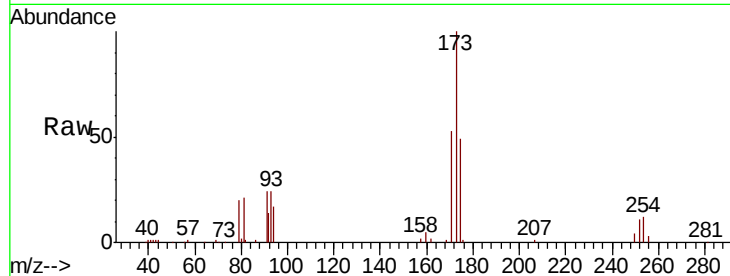
ClientSampleId :

VW0916SBS01

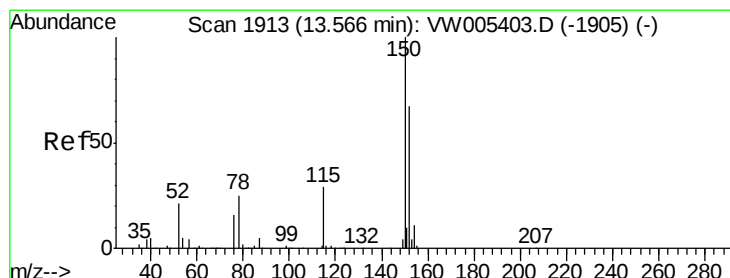
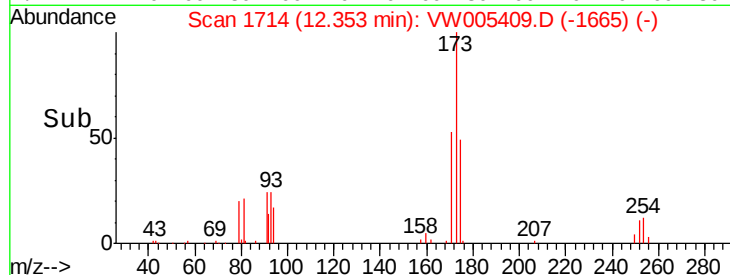
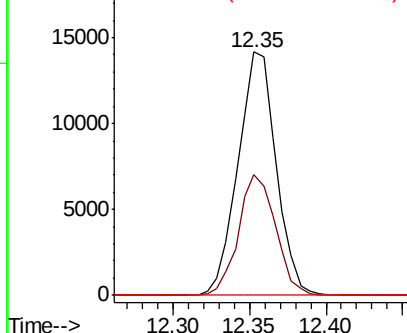
Tot Ion:	173	Resp:	24523
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations
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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: 50.00 ug/l

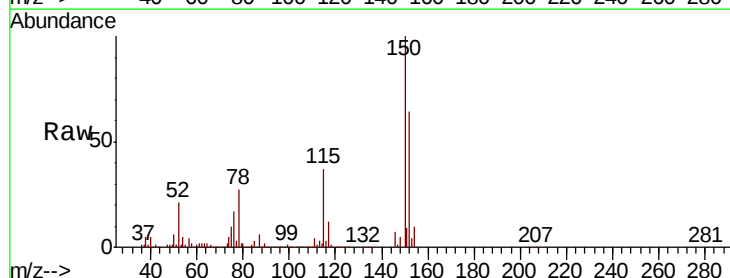
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

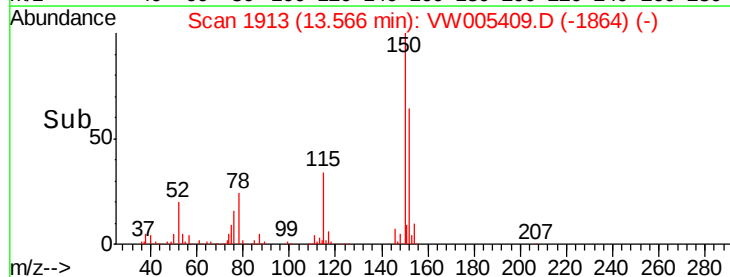
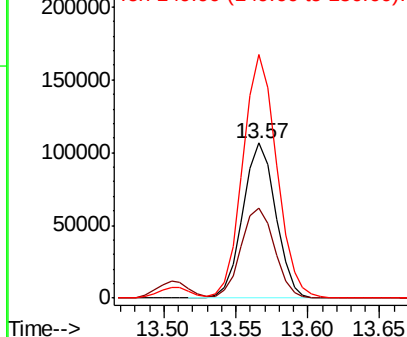
Lab File: VW005409.D

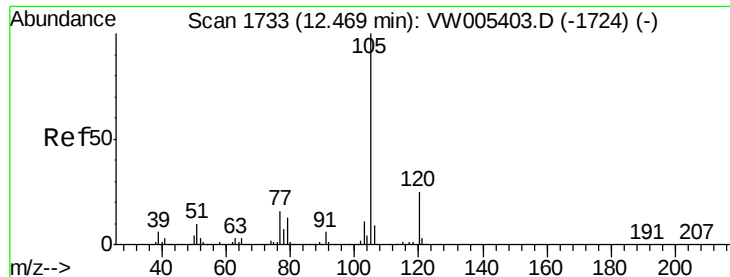
Acq: 15 Sep 2018 03:29

Tgt Ion:	152	Resp:	168356
Ion Ratio	Lower	Upper	
152	100		
115	59.5	29.5	88.5
150	161.9	0.0	345.6



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: 21.06 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion:105 Resp: 248797

Ion Ratio Lower Upper

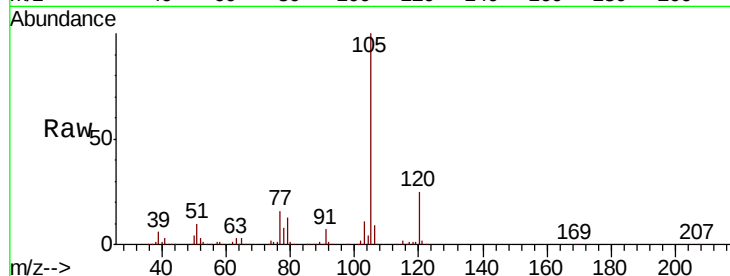
105 100

120 25.7 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

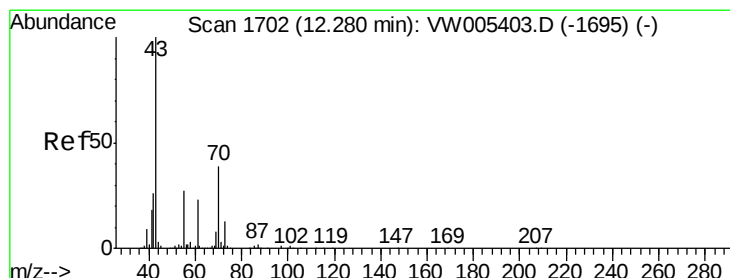
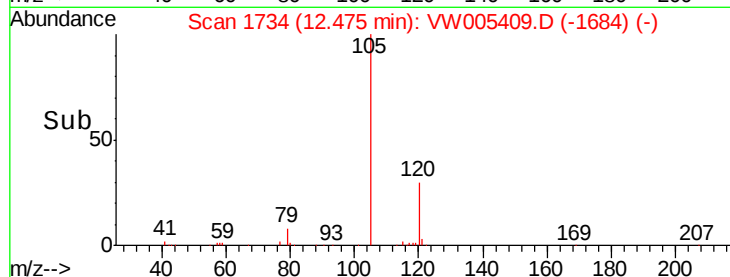
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.33 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion: 43 Resp: 53089

Ion Ratio Lower Upper

43 100

70 38.9 31.9 47.9

55 26.7 21.4 32.0

61 22.9 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

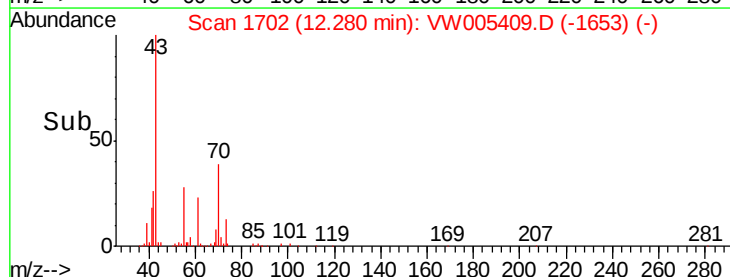
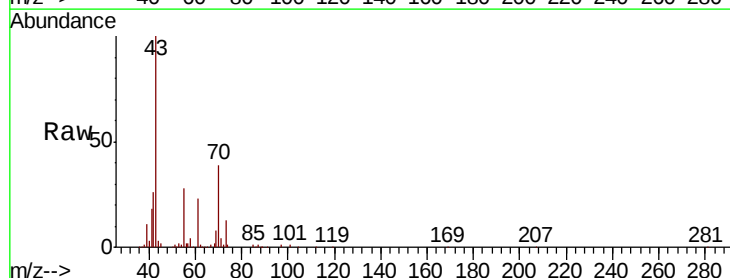
30000

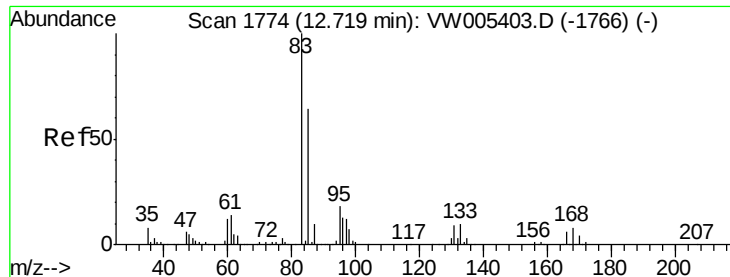
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.81 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion: 83 Resp: 37582

Ion Ratio Lower Upper

83 100

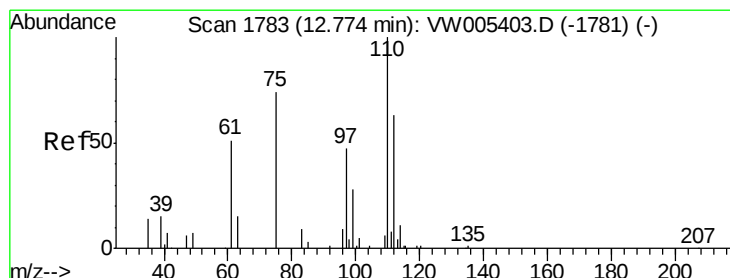
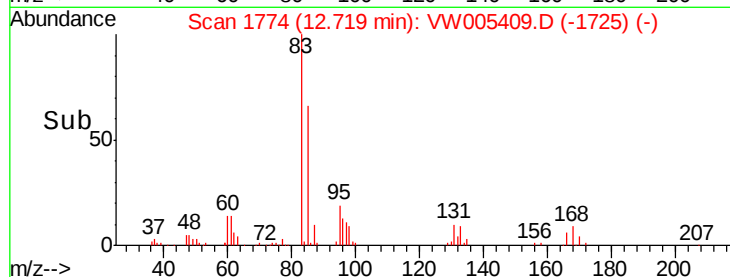
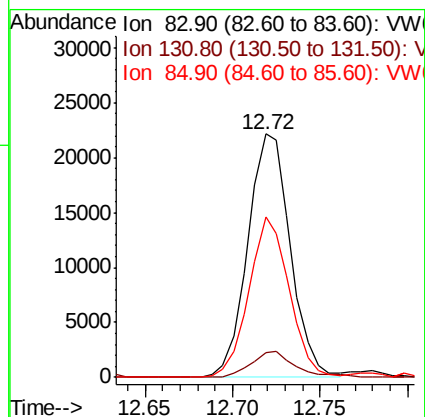
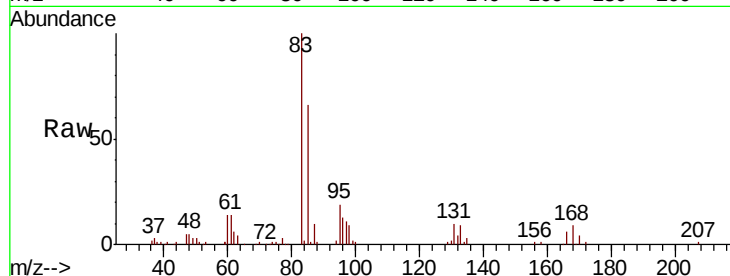
131 11.1 5.7 17.1

85 62.5 31.6 95.0

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#76

1,2,3-Trichloropropane

Concen: 20.50 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005409.D

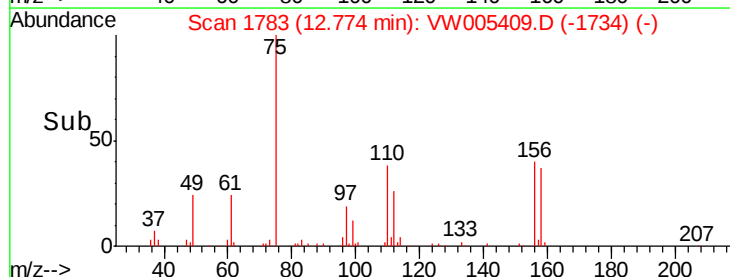
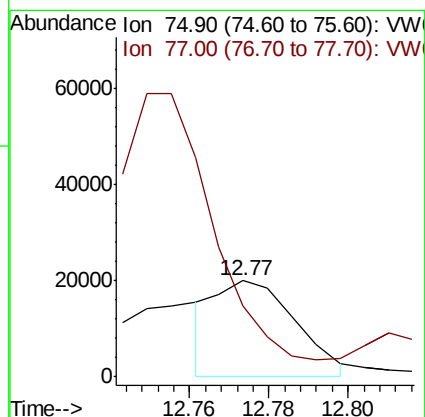
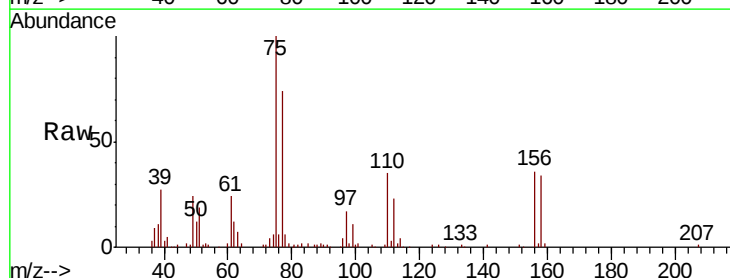
Acq: 15 Sep 2018 03:29

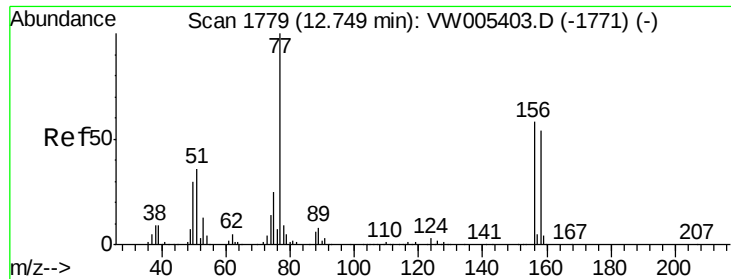
Tgt Ion: 75 Resp: 28381

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.82 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

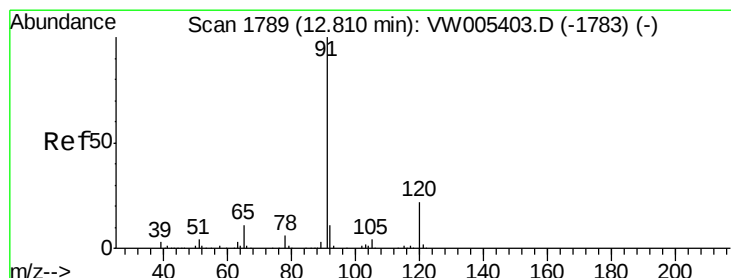
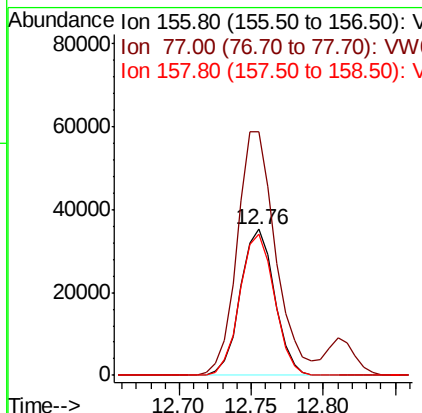
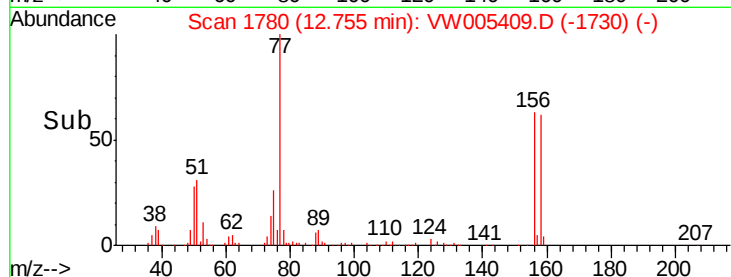
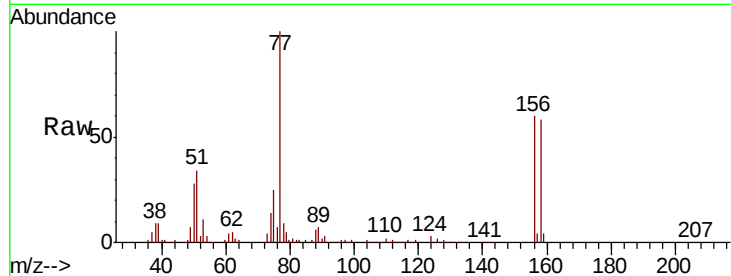
ClientSampleId :

VW0916SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.1	92.8	278.3
158	97.6	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.94 ug/l

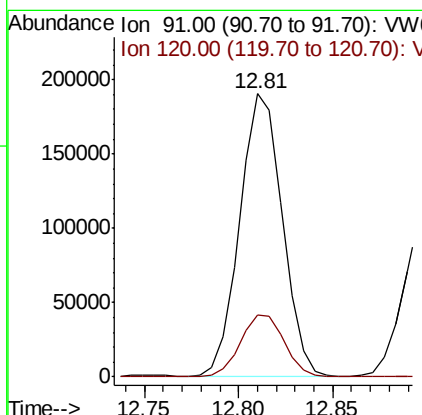
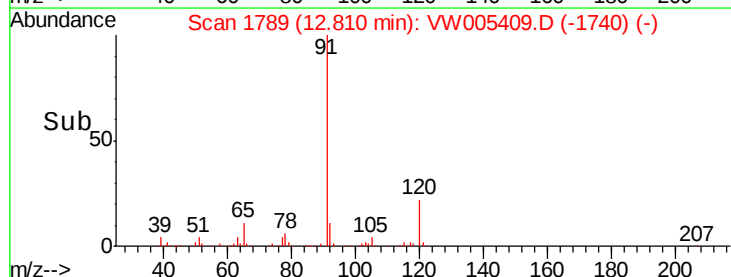
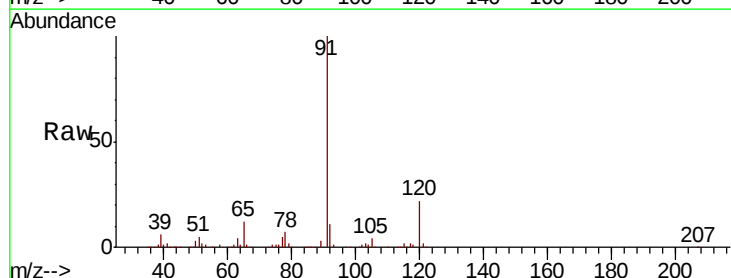
RT: 12.81 min Scan# 1789

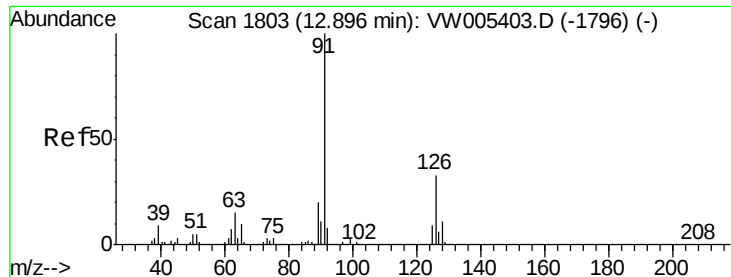
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 20.89 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampled :

VW0916SBS01

Tot Ion: 91 Resp: 175691

Ion Ratio Lower Upper

91 100

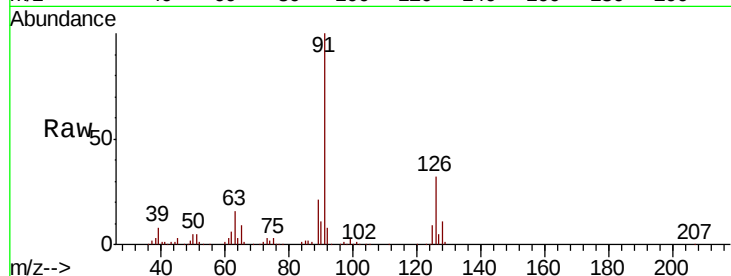
126 32.6 16.4 49.1

Manual Integrations

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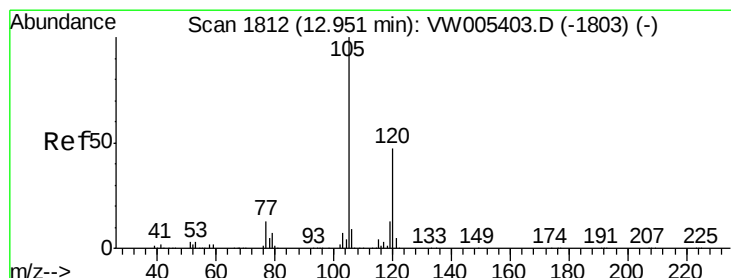
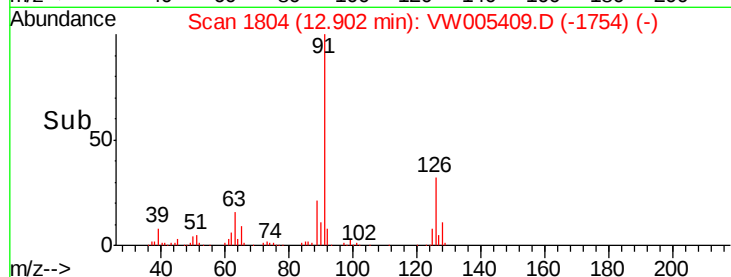
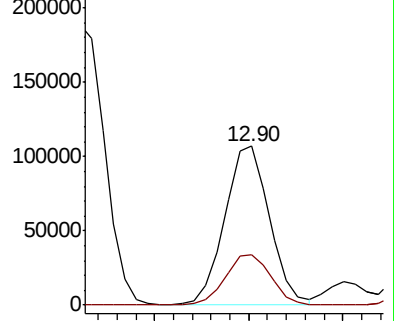
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.16 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005409.D

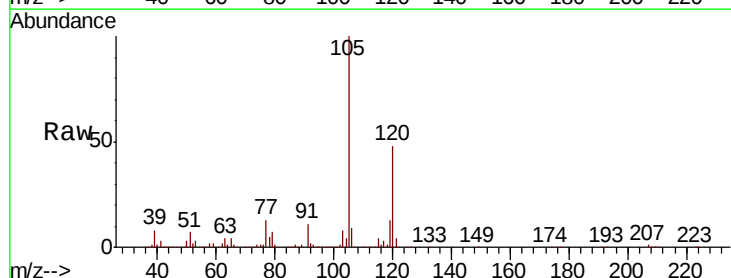
Acq: 15 Sep 2018 03:29

Tgt Ion:105 Resp: 218041

Ion Ratio Lower Upper

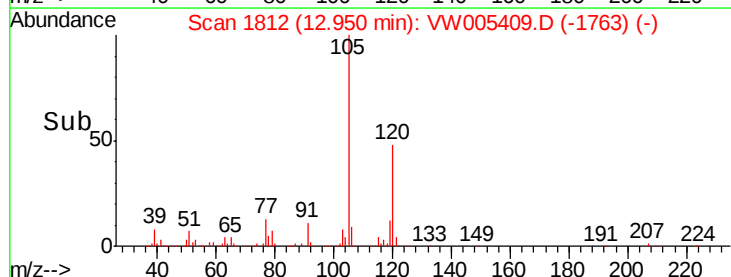
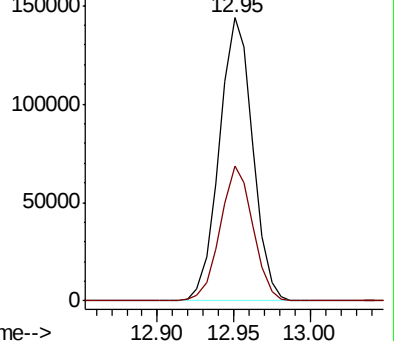
105 100

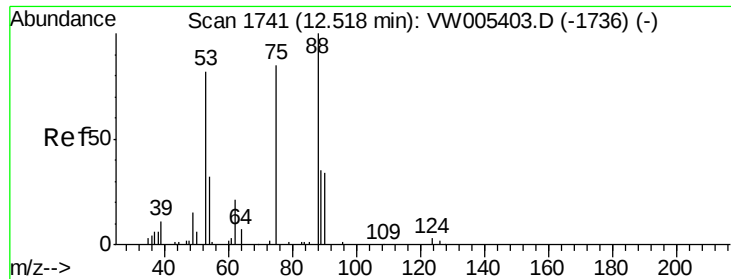
120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.18 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

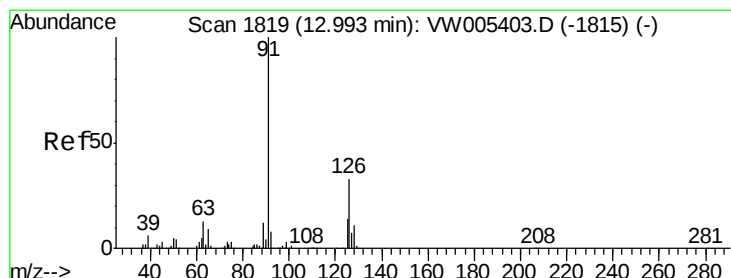
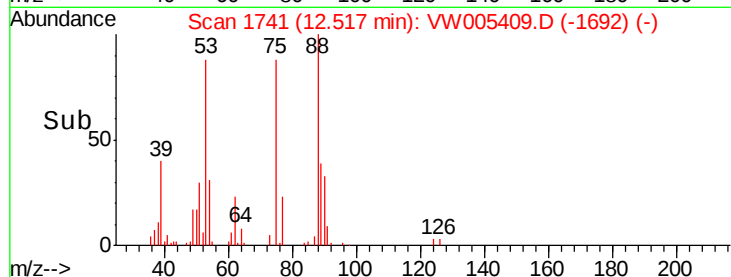
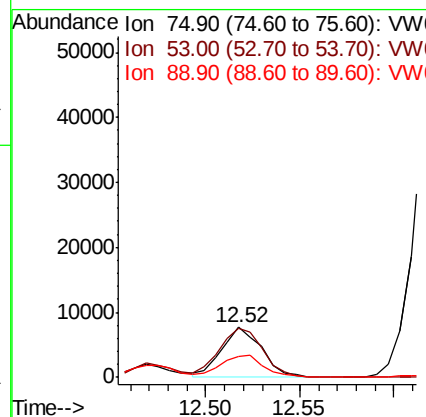
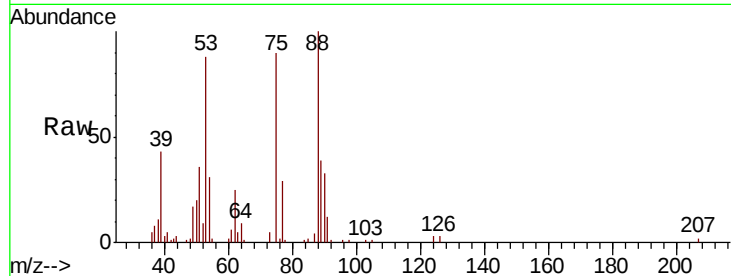
ClientSampleId :

VW0916SBS01

Tot Ion:	75	Resp:	11306
Ion Ratio	Lower	Upper	
75	100		
53	107.8	83.2	124.8
89	48.0	36.6	54.8

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#82

4-Chlorotoluene

Concen: 21.00 ug/l

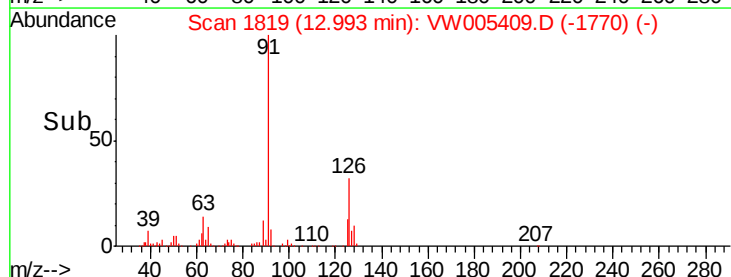
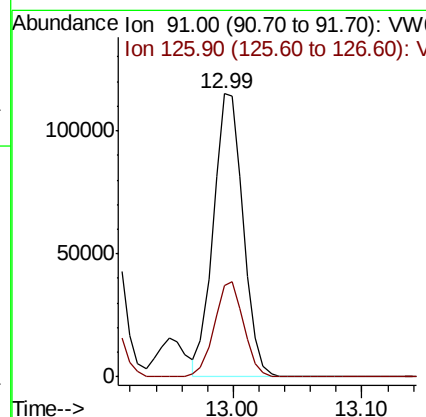
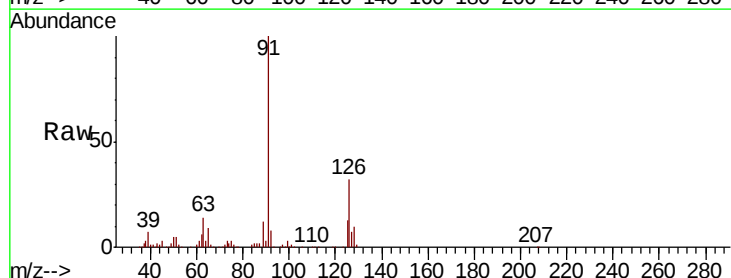
RT: 12.99 min Scan# 1819

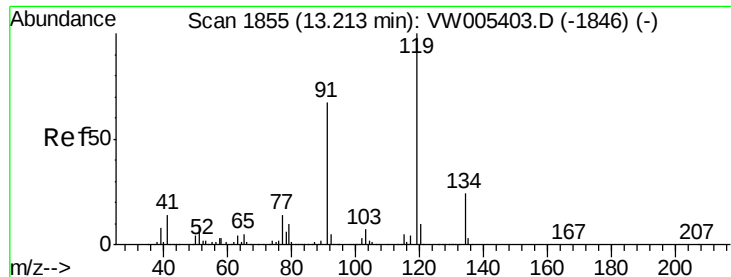
Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	91	Resp:	186476
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.4	49.1





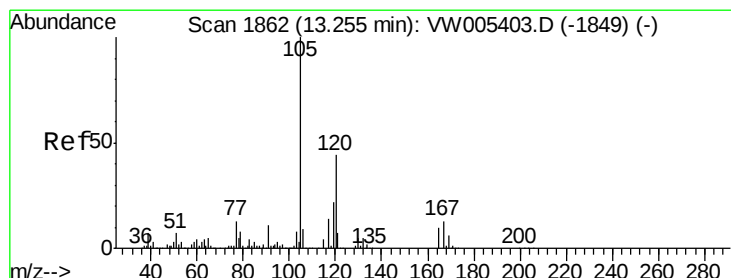
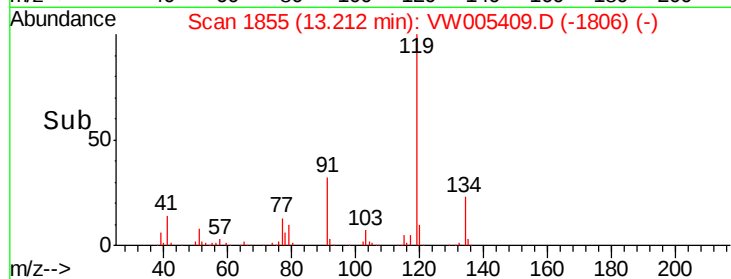
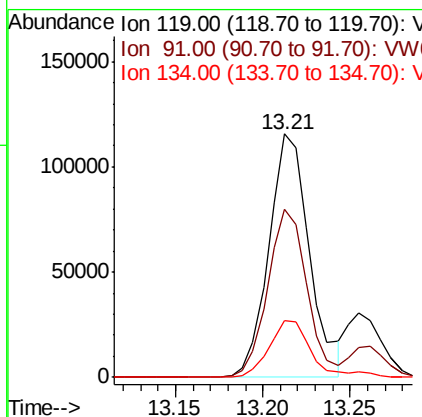
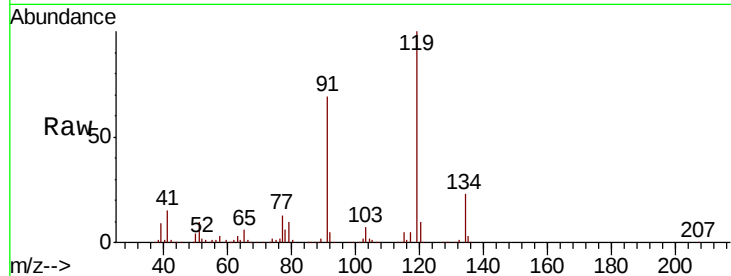
#83
tert-Butylbenzene
Concen: 21.89 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187366		
91	66.7		34.4	103.2
134	24.5		12.7	38.0

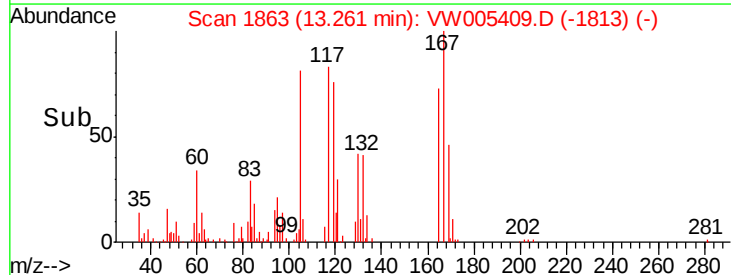
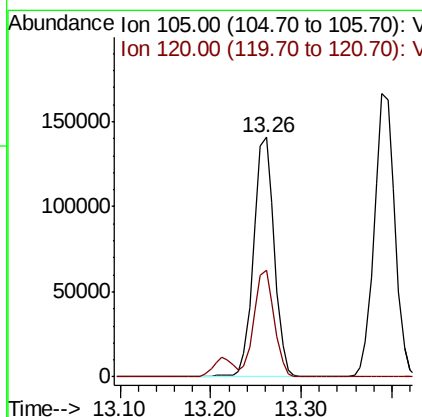
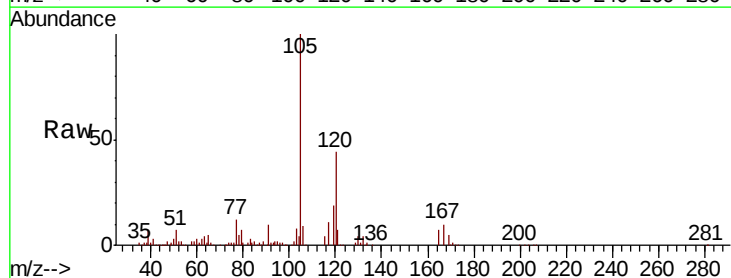
Manual Integrations
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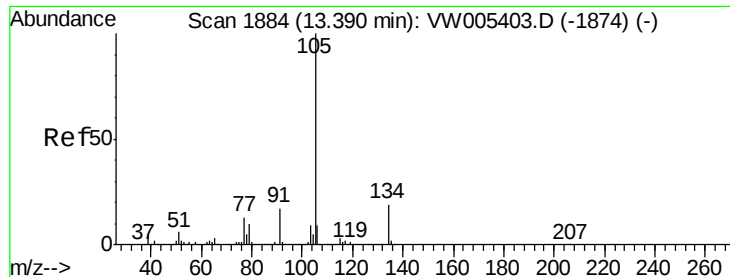
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#84
1,2,4-Trimethylbenzene
Concen: 21.18 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005409.D
Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221615		
120	43.5		21.8	65.3





#85

sec-Butylbenzene

Concen: 21.04 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS01

Tot Ion:105 Resp: 260219

Ion Ratio Lower Upper

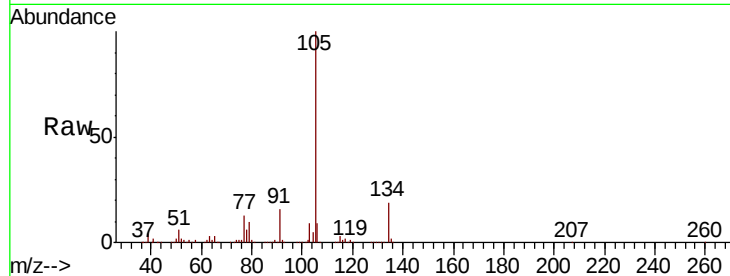
105 100

134 19.7 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

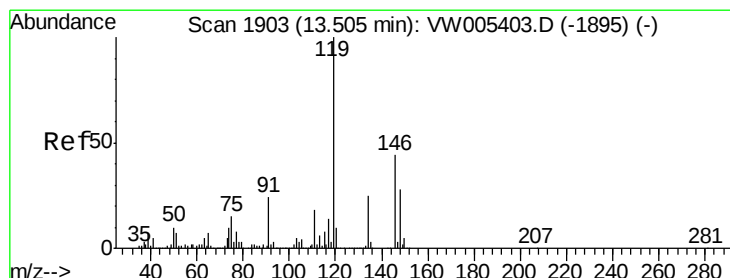
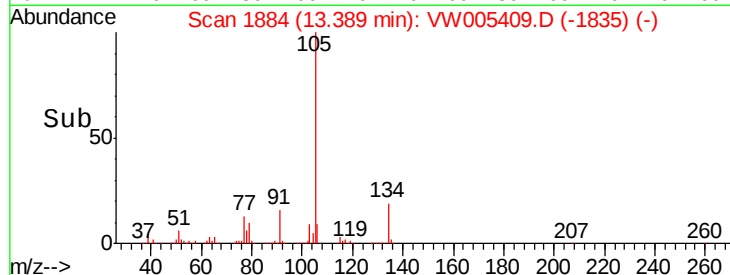
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 20.82 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

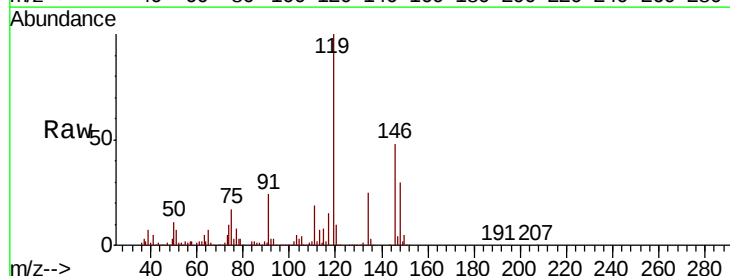
Tgt Ion:119 Resp: 230254

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

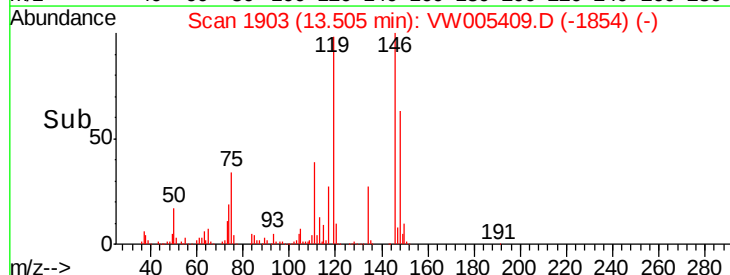
150000

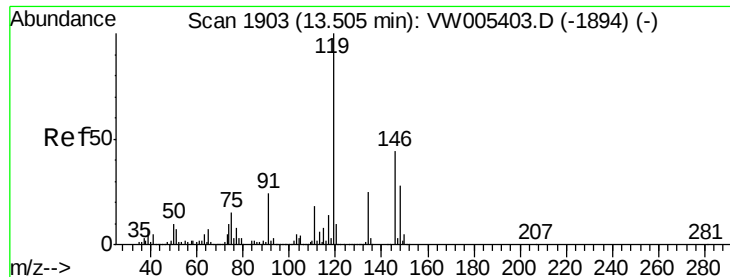
100000

50000

0

Time--> 13.45 13.55





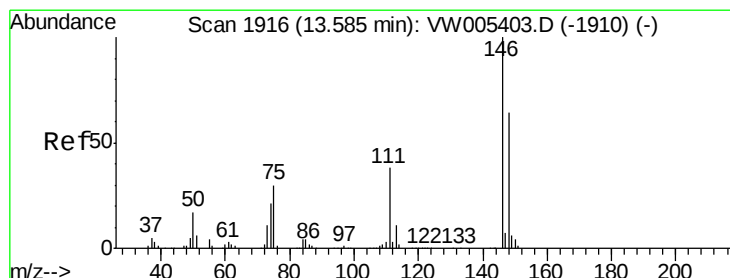
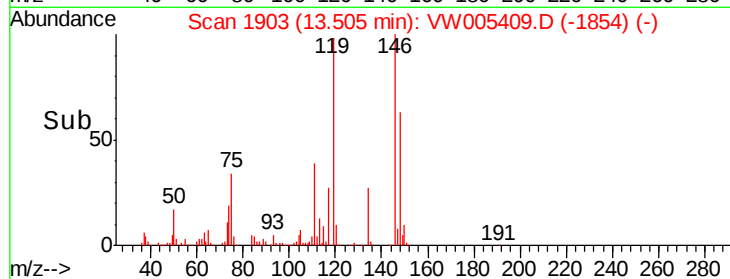
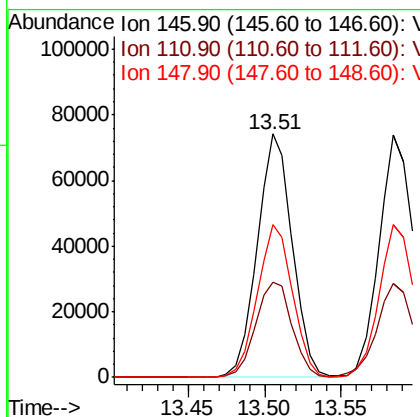
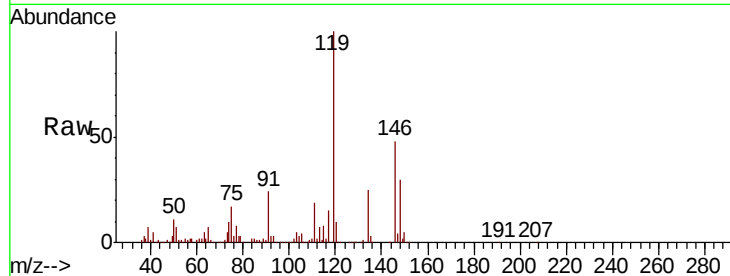
#87
 1,3-Dichlorobenzene
 Concen: 20.82 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0916SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117905		
111	40.6	20.4	61.2	
148	63.0	32.0	96.0	

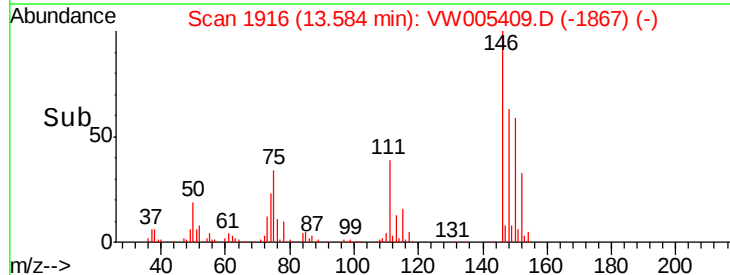
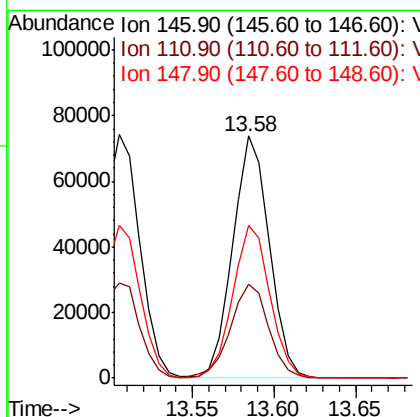
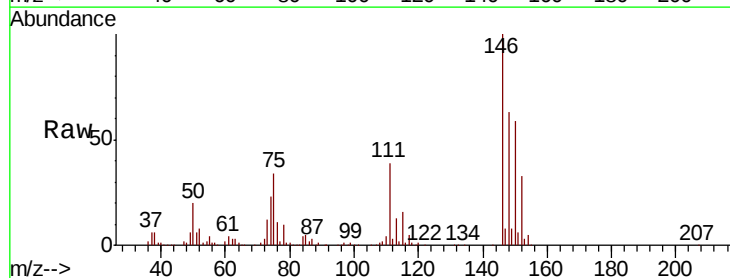
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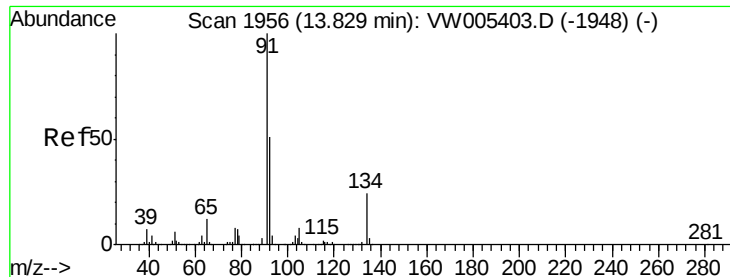
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.62 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115007		
111	40.5	19.6	58.8	
148	64.1	31.8	95.4	





#89

n-Butylbenzene

Concen: 20.41 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

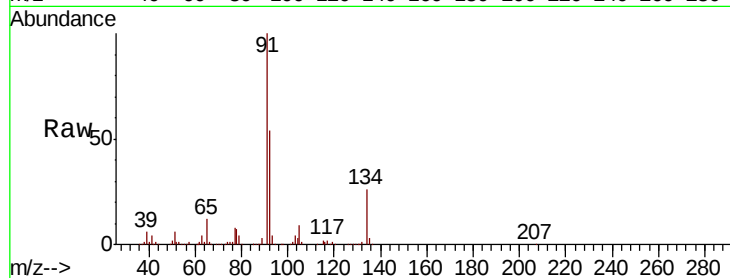
ClientSampleId :

VW0916SBS01

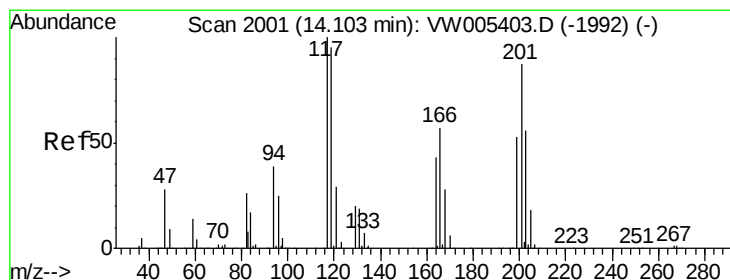
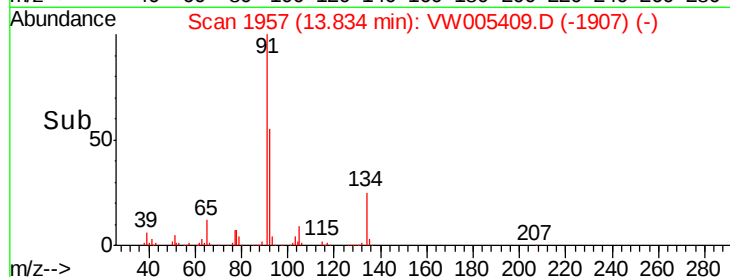
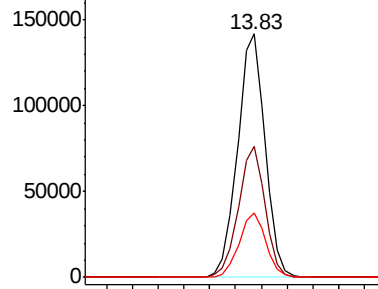
Tot Ion:	91	Resp:	210268
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.2	78.6
134	25.9	12.7	38.1

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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.39 ug/l

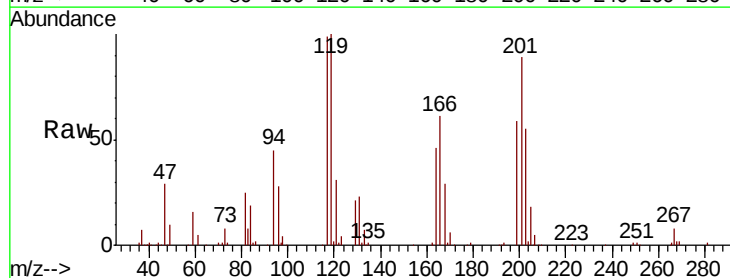
RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

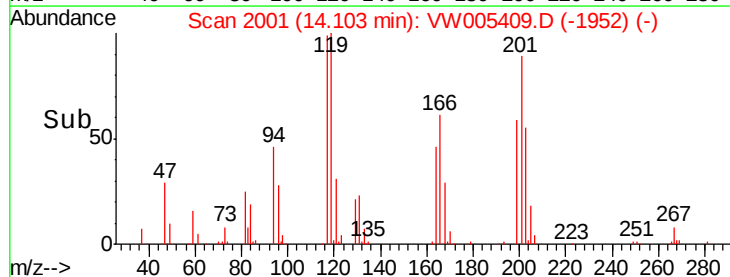
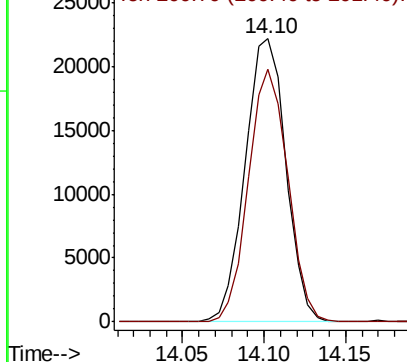
Lab File: VW005409.D

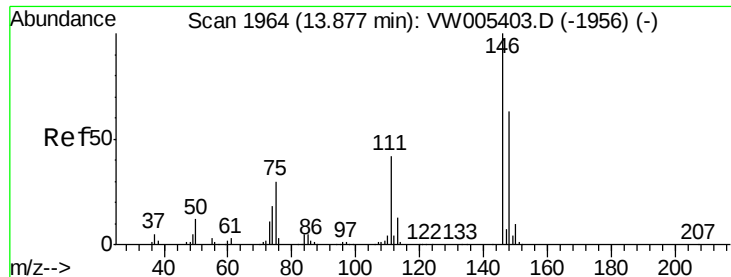
Acq: 15 Sep 2018 03:29

Tgt Ion:	117	Resp:	38637
Ion Ratio	Lower	Upper	
117	100		
201	86.2	42.5	127.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





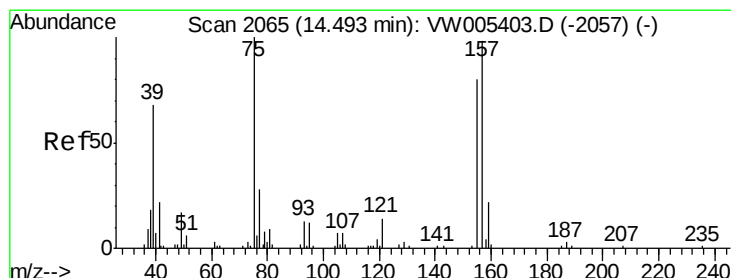
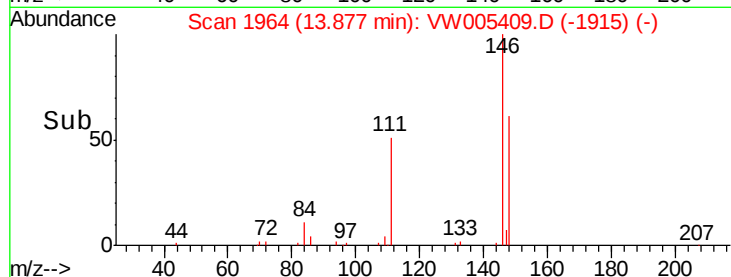
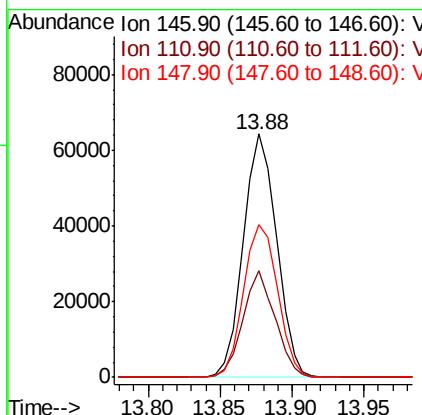
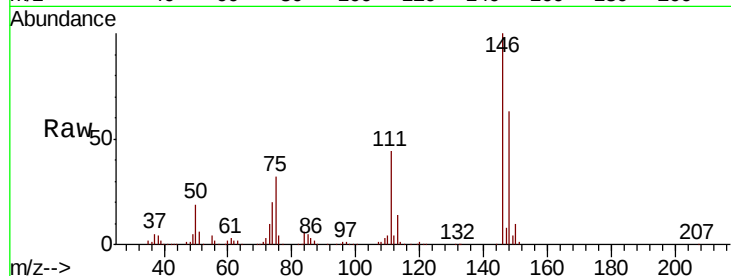
#91
 1,2-Dichlorobenzene
 Concen: 20.81 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	64.1	31.9	95.9

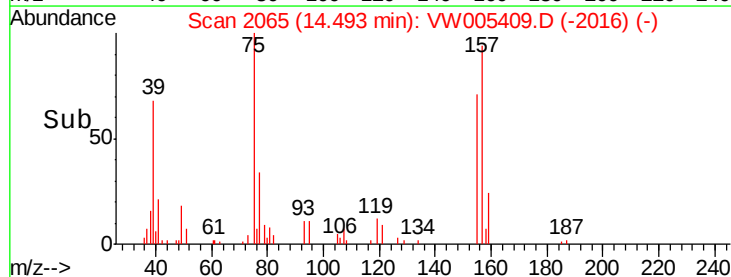
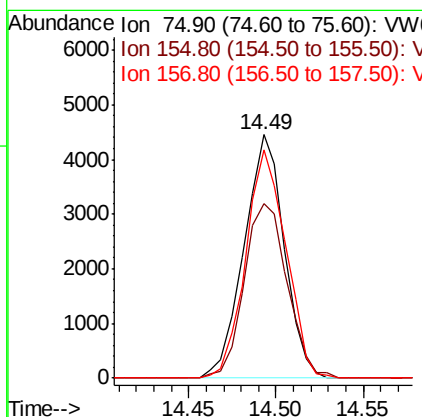
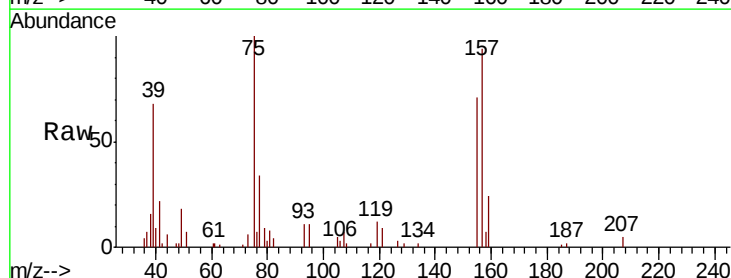
Manual Integrations
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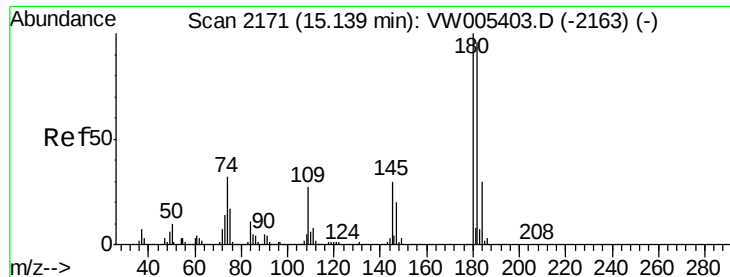
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.42 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.0	117.0
157	94.0	49.9	149.6





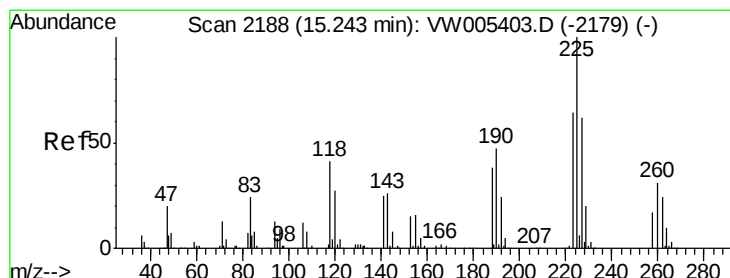
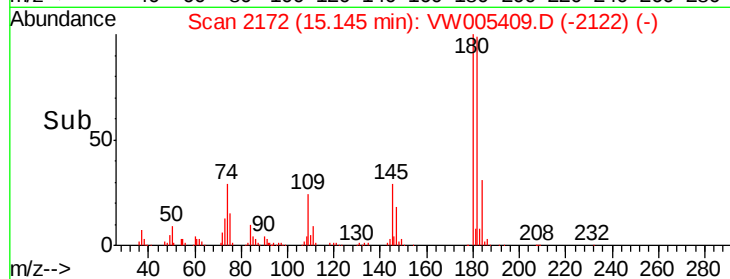
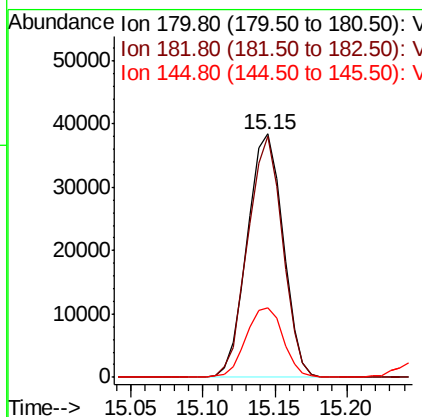
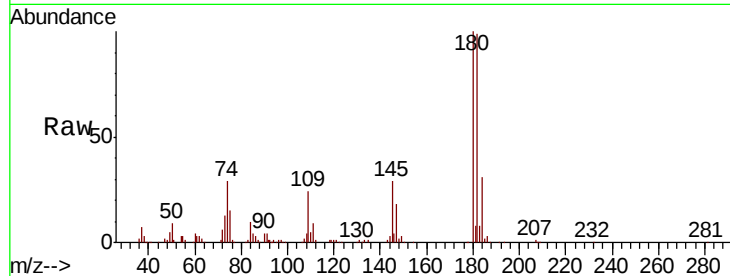
#93
 1,2,4-Trichlorobenzene
 Concen: 20.07 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	29.6	14.8	44.3

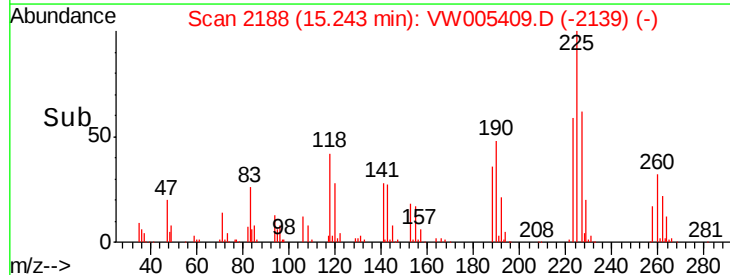
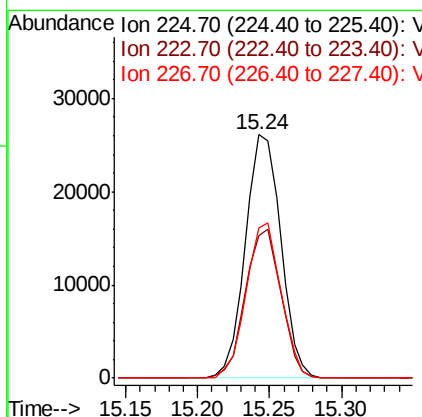
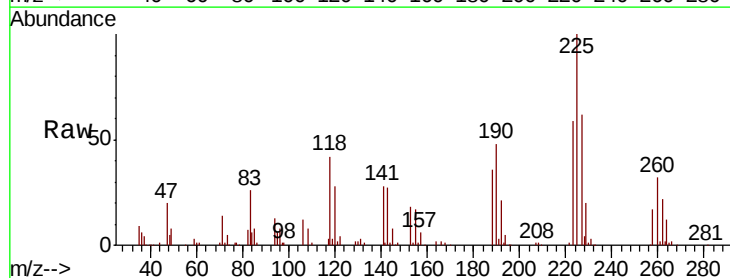
Manual Integrations
 APPROVED

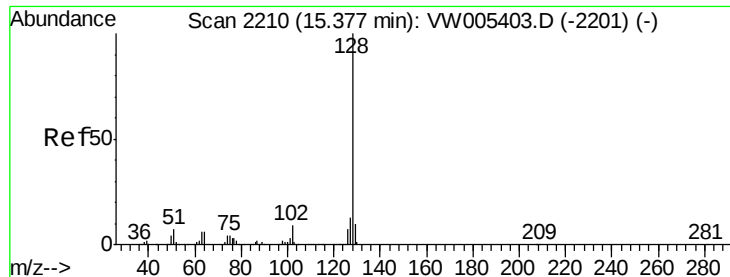
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#94
 Hexachlorobutadiene
 Concen: 20.59 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005409.D
 Acq: 15 Sep 2018 03:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.2	93.6
227	62.8	31.6	95.0





#95

Naphthalene

Concen: 20.98 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Instrument :

MSVOA_W

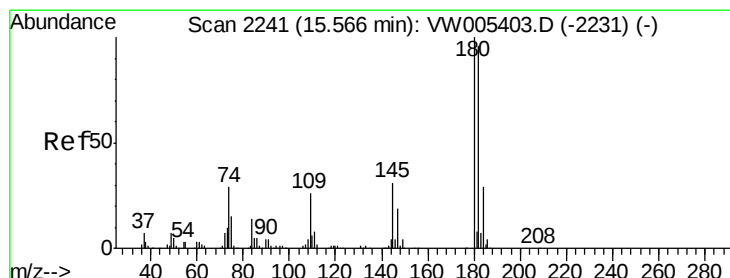
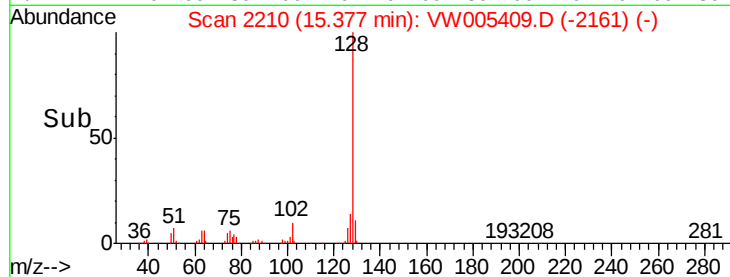
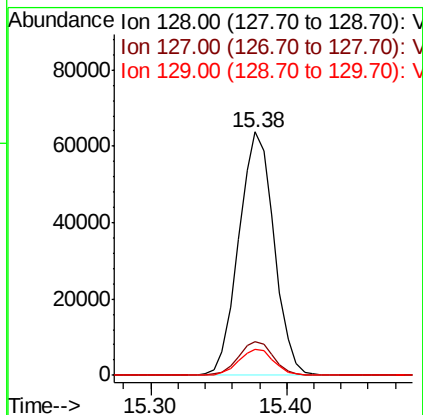
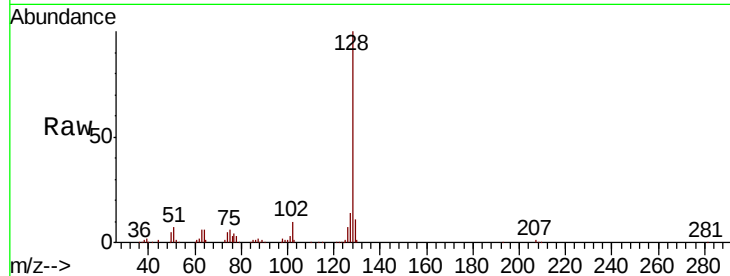
ClientSampleId :

VW0916SBS01

Tot Ion:	128	Resp:	115446
Ion Ratio	Lower	Upper	
128	100		
127	13.8	11.0	16.4
129	10.6	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.13 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005409.D

Acq: 15 Sep 2018 03:29

Tgt Ion:	180	Resp:	58029
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.1	144.4
145	33.3	15.9	47.7

