

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005006.D
 Acq On : 29 Aug 2018 16:28
 Operator : SY/AP
 Sample : VW0829SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Manual Integrations
 APPROVED

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 8/30/2018 12:43:57 PM

Quant Time: Aug 30 01:57:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	537956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	723514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	751887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	420674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173956	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	7.89	113	180618	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.33	98	1035928	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	376615	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105146	22.625	ug/l	97
3) Chloromethane	2.22	50	141269	21.403	ug/l	97
4) Vinyl Chloride	2.36	62	138106	20.962	ug/l	100
5) Bromomethane	2.76	94	93764	21.772	ug/l	92
6) Chloroethane	2.92	64	80461	20.653	ug/l	95
7) Trichlorofluoromethane	3.26	101	134537	19.750	ug/l	98
8) Diethyl Ether	3.69	74	38360	19.804	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	85735	20.391	ug/l	97
10) Methyl Iodide	4.28	142	97216	16.895	ug/l	99
11) Tert butyl alcohol	5.20	59	25969	97.396	ug/l	98
12) 1,1-Dichloroethene	4.04	96	76706	19.527	ug/l	98
13) Acrolein	3.90	56	28091	89.524	ug/l	98
14) Allyl chloride	4.67	41	119216	19.709	ug/l	99
15) Acrylonitrile	5.38	53	93806	94.968	ug/l	99
16) Acetone	4.14	43	75842	91.393	ug/l	96
17) Carbon Disulfide	4.38	76	326991	19.804	ug/l	99
18) Methyl Acetate	4.68	43	37469	18.641	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166207	19.689	ug/l	97
20) Methylene Chloride	4.92	84	148062	22.689	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	83882	19.666	ug/l	94
22) Diisopropyl ether	6.32	45	243574	19.726	ug/l	98
23) Vinyl Acetate	6.26	43	621644	98.468	ug/l	99
24) 1,1-Dichloroethane	6.23	63	147744	19.775	ug/l	98
25) 2-Butanone	7.18	43	126779	97.969	ug/l	97
26) 2,2-Dichloropropane	7.17	77	133099	20.297	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	91515	19.723	ug/l	98
28) Bromochloromethane	7.52	49	63586	19.355	ug/l	98
29) Tetrahydrofuran	7.54	42	62080	94.964	ug/l	98
30) Chloroform	7.68	83	143579	19.538	ug/l	98
31) Cyclohexane	7.96	56	160445	20.263	ug/l	# 96
32) 1,1,1-Trichloroethane	7.88	97	135852	20.092	ug/l	97
36) 1,1-Dichloropropene	8.09	75	126982	20.713	ug/l	100
37) Ethyl Acetate	7.26	43	46684	21.127	ug/l	98
38) Carbon Tetrachloride	8.07	117	123933	20.889	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	166897	19.749	ug/l	98
40) Benzene	8.33	78	397627	20.263	ug/l	98
41) Methacrylonitrile	7.49	41	27293	21.195	ug/l	97
42) 1,2-Dichloroethane	8.41	62	86692	19.854	ug/l	100
43) Isopropyl Acetate	8.43	43	85005	19.333	ug/l	99
44) Trichloroethene	9.10	130	100996	20.150	ug/l	97
45) 1,2-Dichloropropane	9.37	63	91698	20.424	ug/l	99
46) Dibromomethane	9.46	93	42744	20.115	ug/l	98
47) Bromodichloromethane	9.65	83	106851	20.350	ug/l	97
48) Methyl methacrylate	9.44	41	42664	18.245	ug/l	89
49) 1,4-Dioxane	9.46	88	17399	394.565	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	320212	97.239	ug/l	100
52) Toluene	10.39	92	305879	21.010	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	111778	19.934	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	131646	20.133	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	67308	19.352	ug/l	98
56) Ethyl methacrylate	10.65	69	89841	19.693	ug/l	99
57) 1,3-Dichloropropane	10.94	76	112304	19.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	186886	95.085	ug/l	100
59) 2-Hexanone	10.98	43	239871	100.605	ug/l	98
60) Dibromochloromethane	11.13	129	74745	19.581	ug/l	100
61) 1,2-Dibromoethane	11.24	107	62923	19.297	ug/l	98
64) Tetrachloroethene	10.87	164	109548	19.983	ug/l	96
65) Chlorobenzene	11.66	112	336644	20.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	88535	19.513	ug/l	100
67) Ethyl Benzene	11.74	91	578681	20.458	ug/l	100
68) m/p-Xylenes	11.85	106	482949	41.861	ug/l	100
69) o-Xylene	12.17	106	218672	20.743	ug/l	100
70) Styrene	12.19	104	361721	20.685	ug/l	100
71) Bromoform	12.35	173	47823	18.956	ug/l #	98
73) Isopropylbenzene	12.47	105	587678	20.956	ug/l	100
74) N-amyl acetate	12.28	43	106455	20.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	83432	19.650	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57284m	19.226	ug/l	
77) Bromobenzene	12.76	156	141236	20.527	ug/l	99
78) n-propylbenzene	12.81	91	731845	21.157	ug/l	100
79) 2-Chlorotoluene	12.90	91	416104	20.828	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	521645	21.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	24742	18.768	ug/l	95
82) 4-Chlorotoluene	12.99	91	440986	20.717	ug/l	99
83) tert-Butylbenzene	13.21	119	431847	20.752	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	520535	20.706	ug/l	99
85) sec-Butylbenzene	13.39	105	640276	20.960	ug/l	100
86) p-Isopropyltoluene	13.51	119	577055	21.085	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	297315	20.383	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	291707	20.190	ug/l	98
89) n-Butylbenzene	13.83	91	532644	20.733	ug/l	99
90) Hexachloroethane	14.10	117	85329	19.835	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	260540	20.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14234	19.410	ug/l	97

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ClientSampleId :
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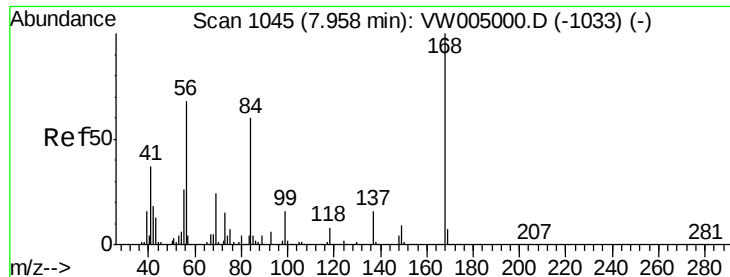
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	179425	19.946	ug/l	99
94) Hexachlorobutadiene	15.25	225	114904	20.407	ug/l	99
95) Naphthalene	15.38	128	282664	19.648	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	155785	19.604	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampled :

VW0829SBS01

Tot Ion:168 Resp: 537956

Ion Ratio Lower Upper

168 100

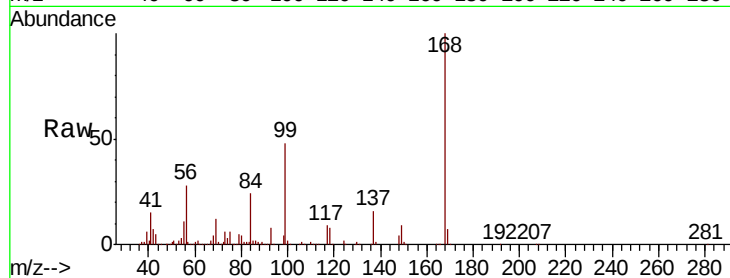
99 48.0 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

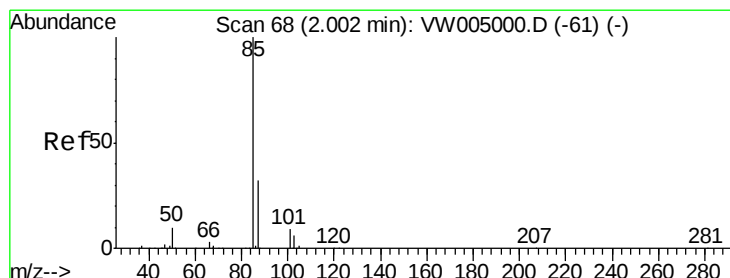
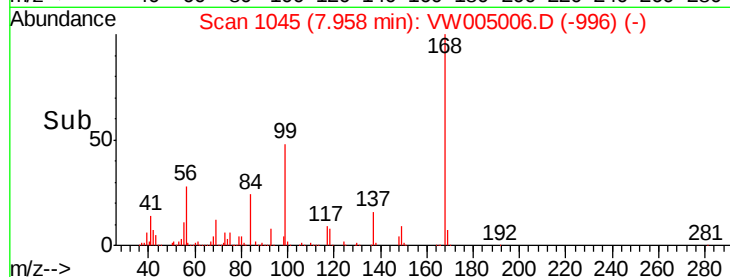
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 22.625 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005006.D

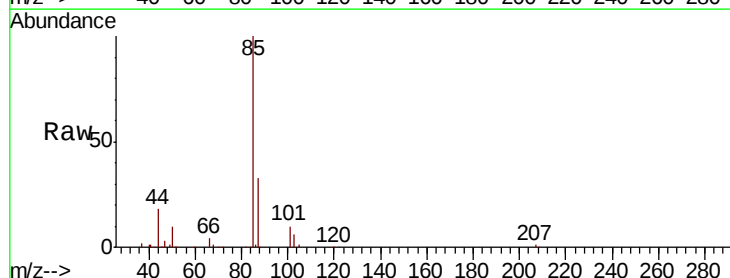
Acq: 29 Aug 2018 16:28

Tgt Ion: 85 Resp: 105146

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

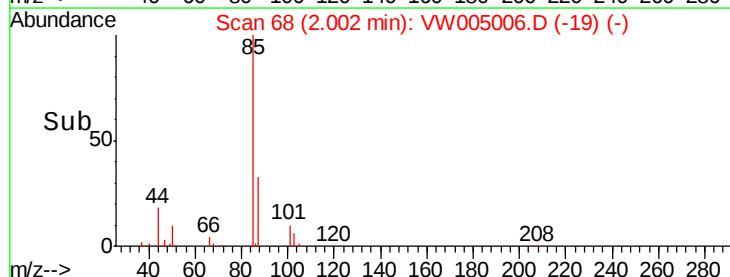
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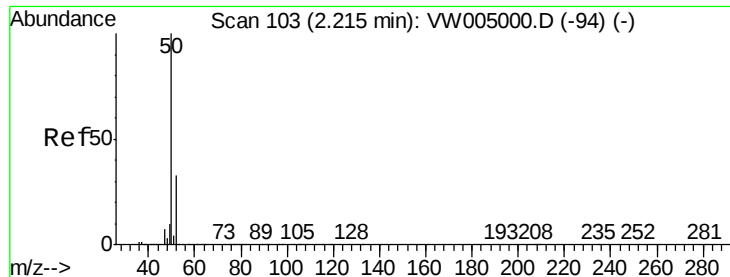
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.403 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 50 Resp: 141269

Ion Ratio Lower Upper

50 100

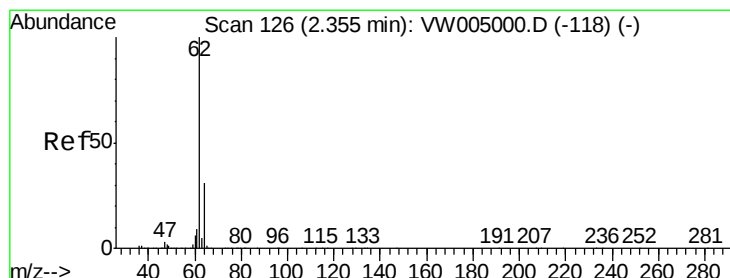
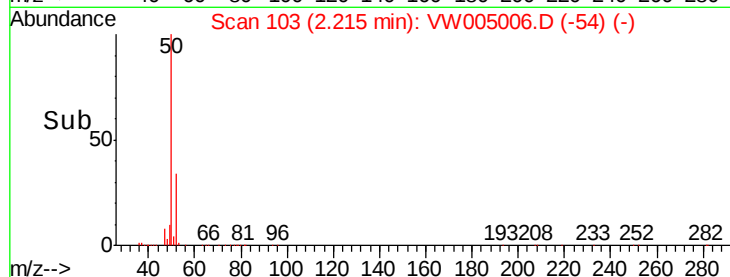
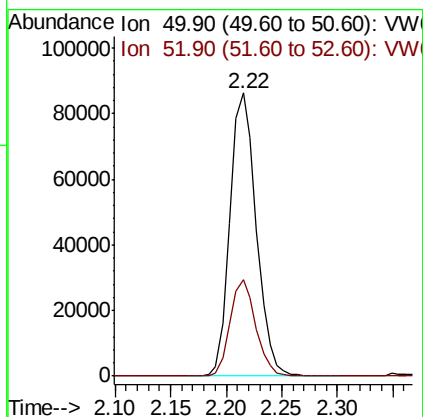
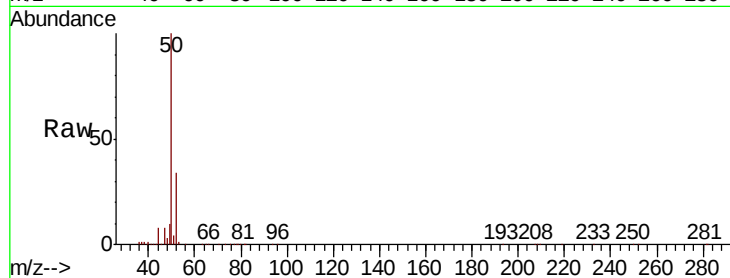
52 34.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.962 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW005006.D

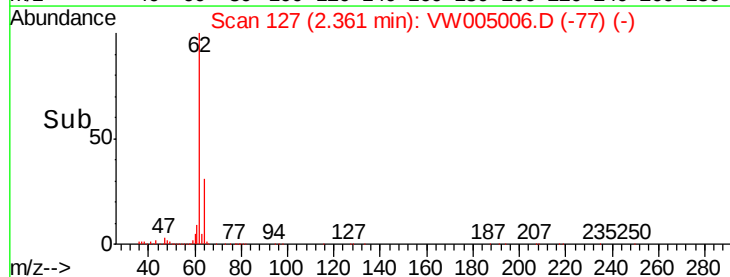
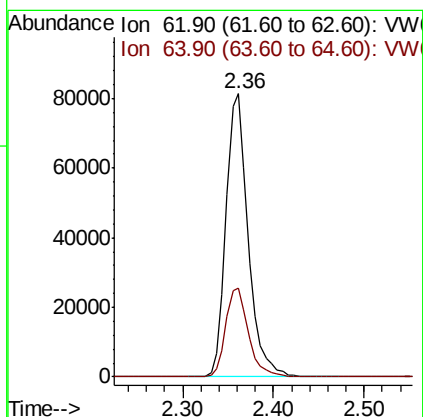
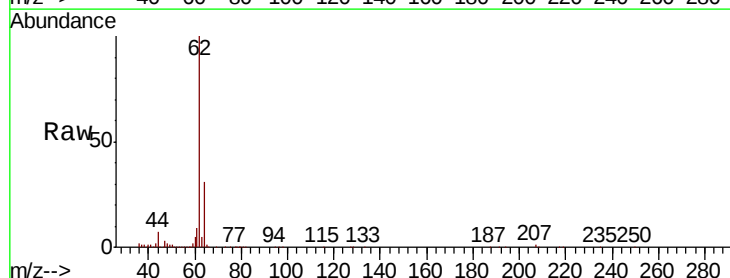
Acq: 29 Aug 2018 16:28

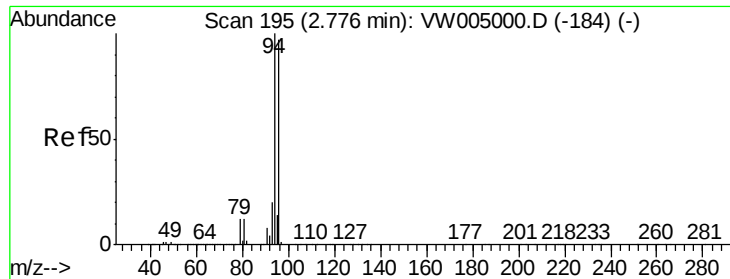
Tgt Ion: 62 Resp: 138106

Ion Ratio Lower Upper

62 100

64 31.2 24.8 37.2





#5

Bromomethane

Concen: 21.772 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 94 Resp: 93764

Ion Ratio Lower Upper

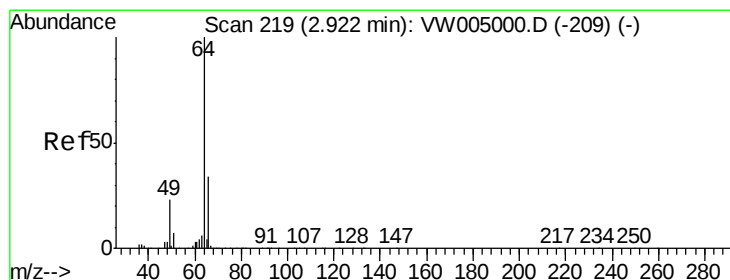
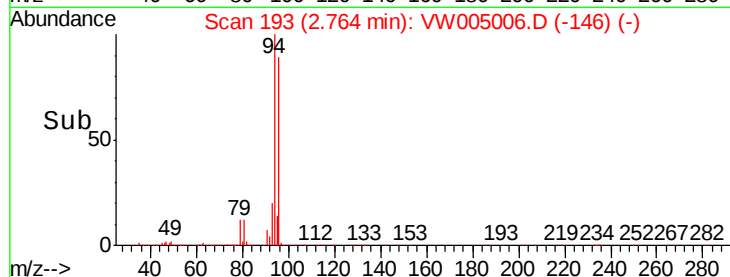
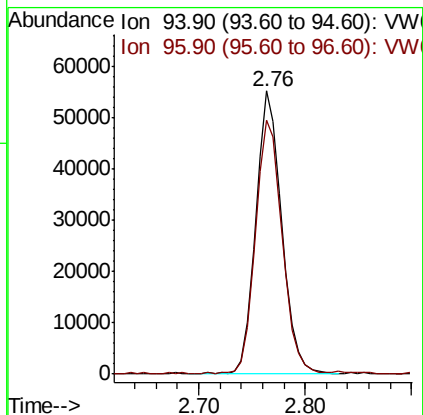
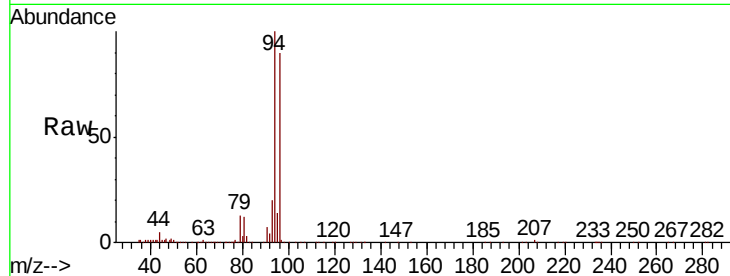
94 100

96 89.5 77.5 116.3

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#6

Chloroethane

Concen: 20.653 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005006.D

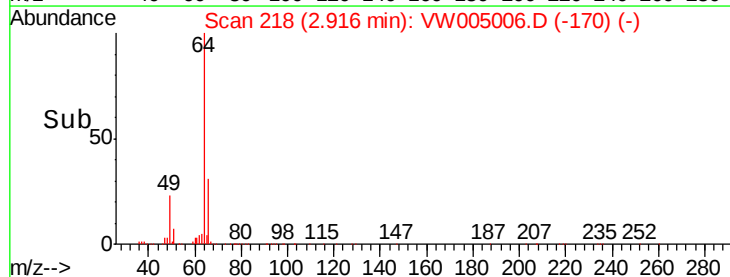
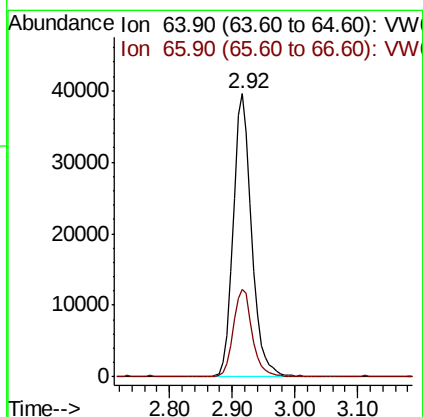
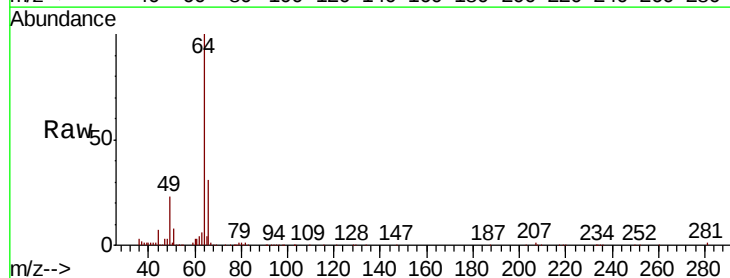
Acq: 29 Aug 2018 16:28

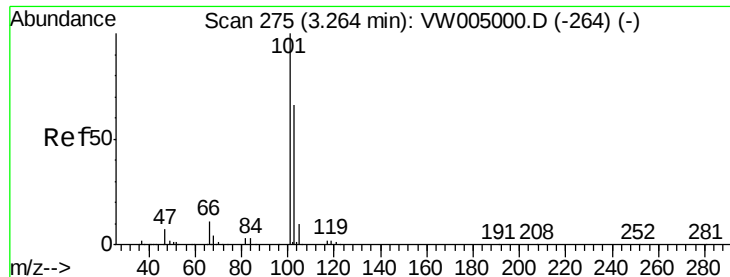
Tgt Ion: 64 Resp: 80461

Ion Ratio Lower Upper

64 100

66 30.9 26.8 40.2





#7

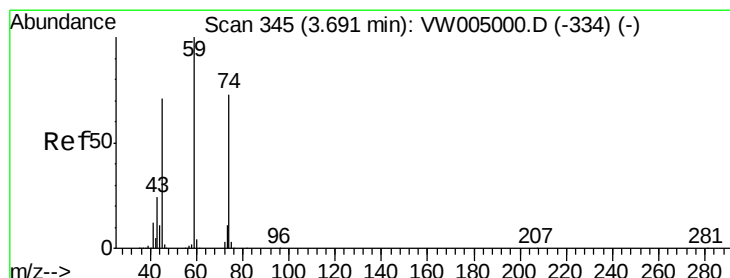
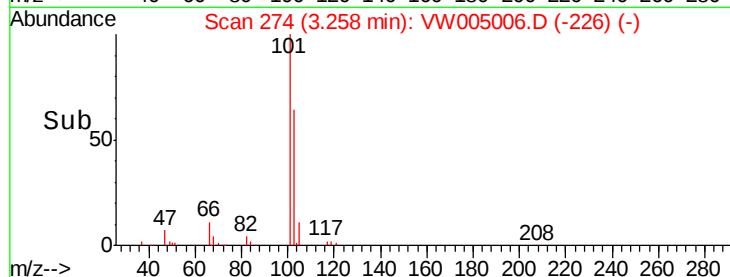
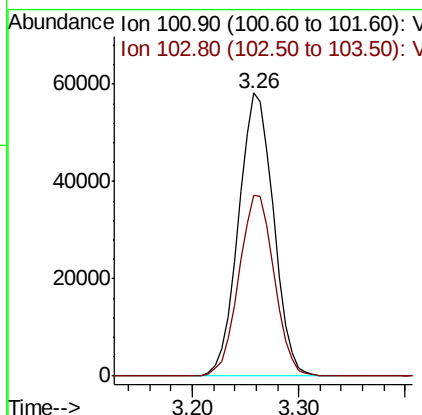
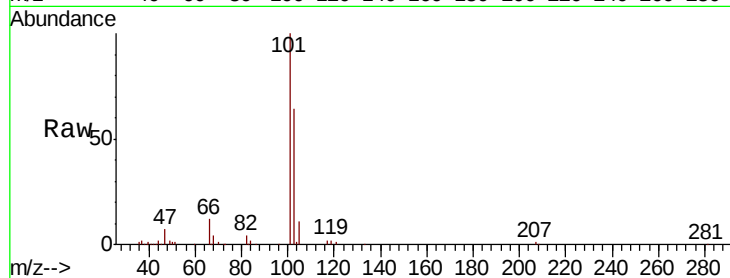
Trichlorofluoromethane
 Concen: 19.750 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

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 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	78.8

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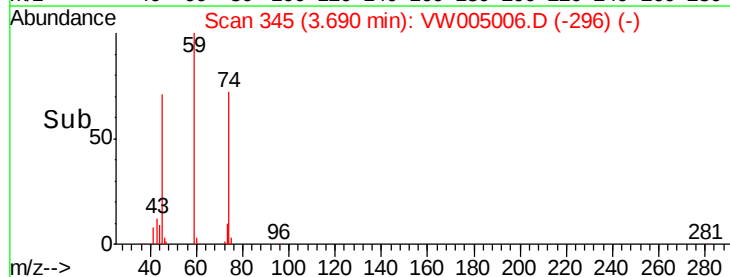
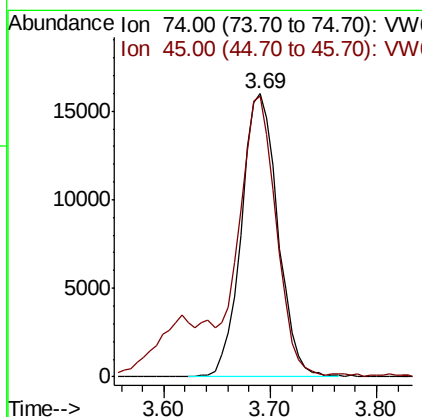
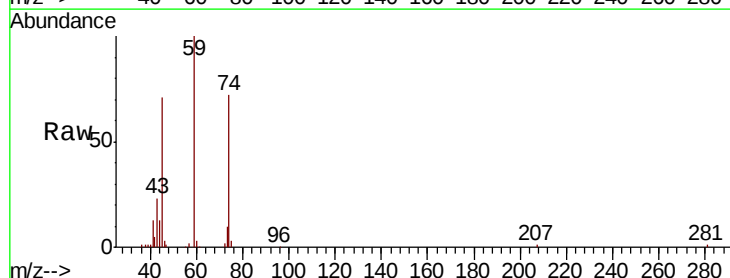
apatel
 8/30/2018 12:43:57 PM

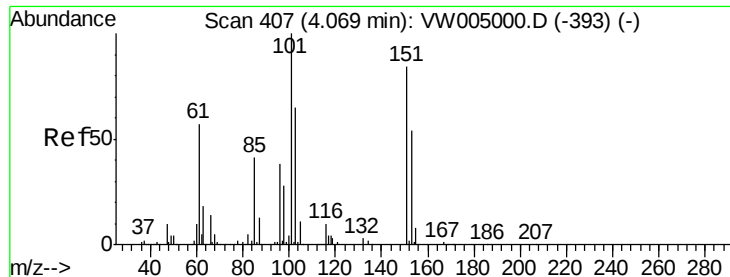


#8

Diethyl Ether
 Concen: 19.804 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	47.8	143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.391 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

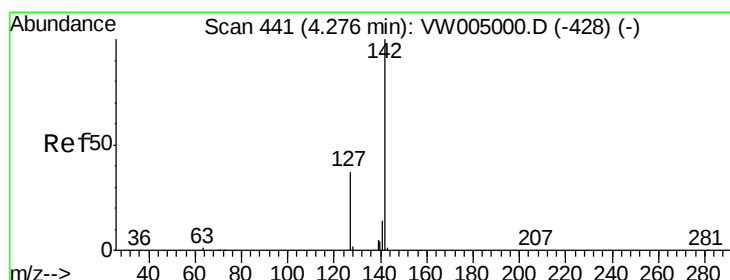
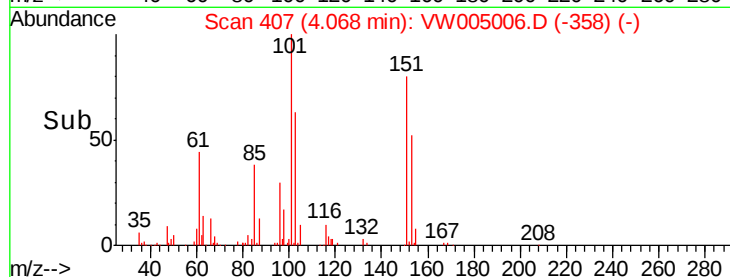
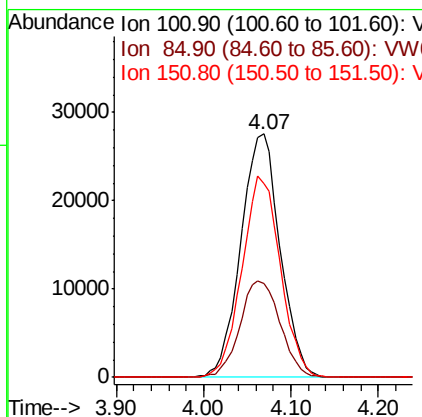
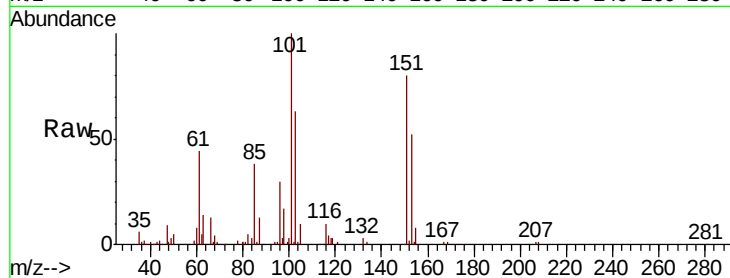
ClientSampleId :

VW0829SBS01

Tot Ion:	101	Resp:	85735
Ion Ratio	Lower	Upper	
101	100		
85	40.7	33.4	50.0
151	80.9	67.0	100.4

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#10

Methyl Iodide

Concen: 16.895 ug/l

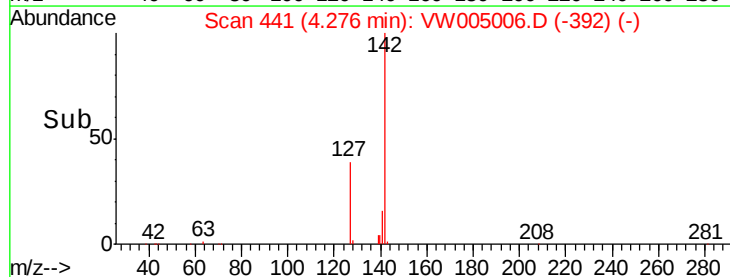
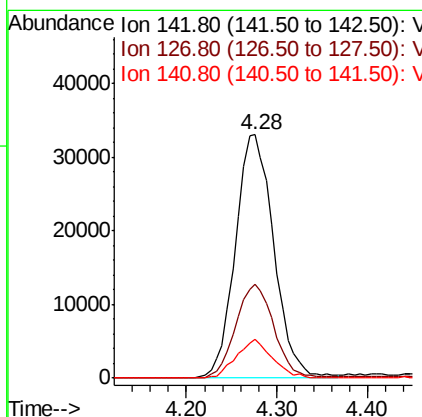
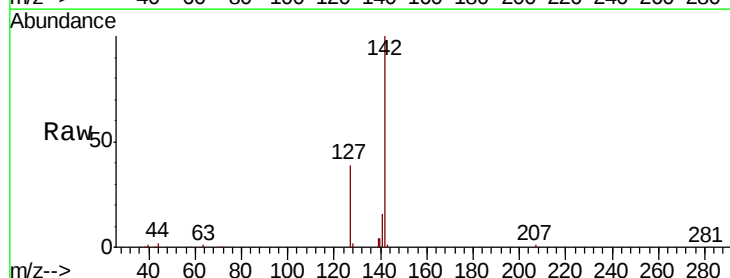
RT: 4.28 min Scan# 441

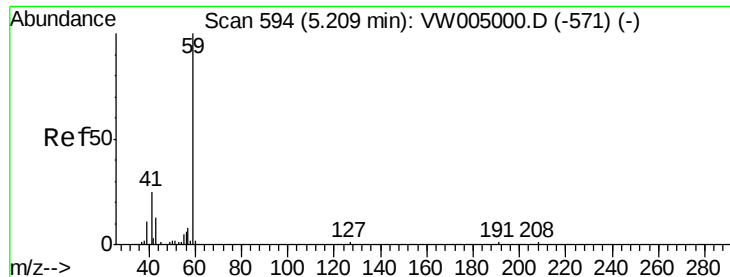
Delta R.T. 0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	142	Resp:	97216
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.1	46.7
141	15.1	11.4	17.2





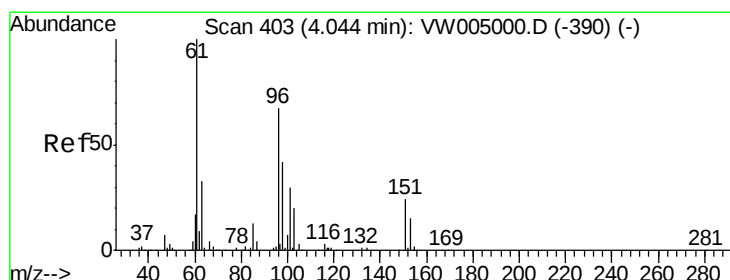
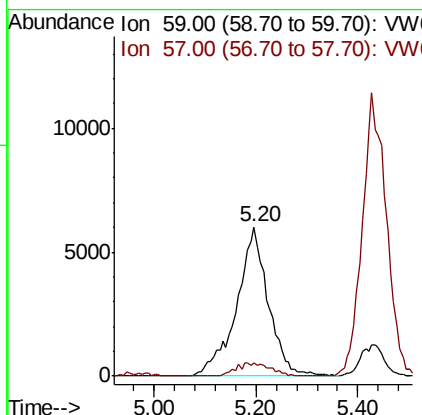
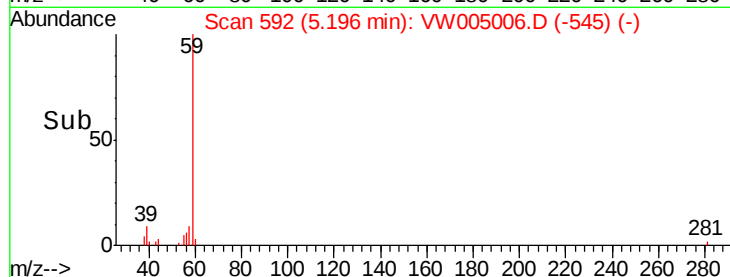
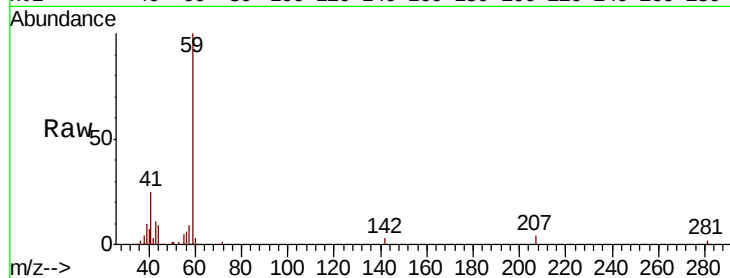
#11
Tert butyl alcohol
Concen: 97.396 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampled :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.1	12.1

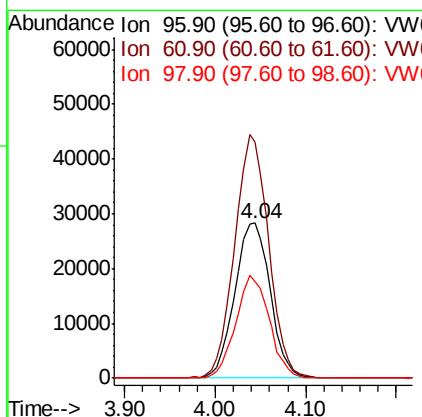
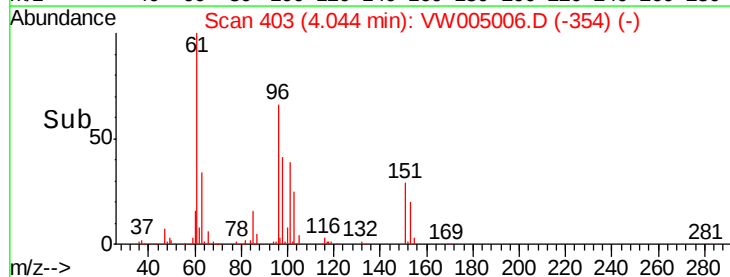
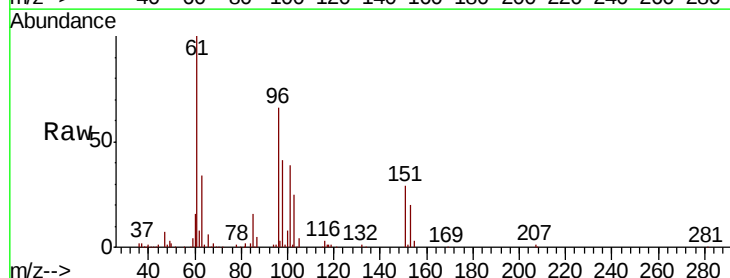
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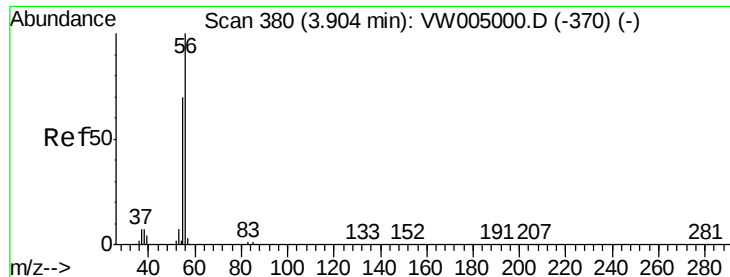
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#12
1,1-Dichloroethene
Concen: 19.527 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	119.5	179.3
98	62.4	50.4	75.6





#13

Acrolein

Concen: 89.524 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 56 Resp: 28091

Ion Ratio Lower Upper

56 100

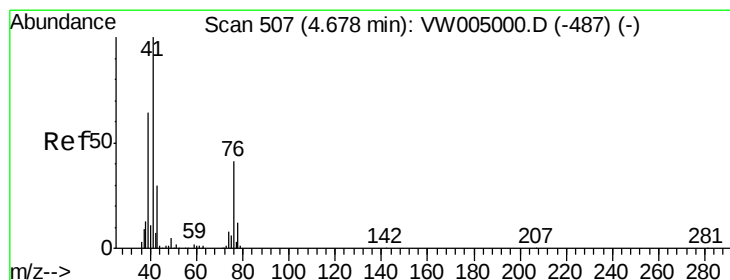
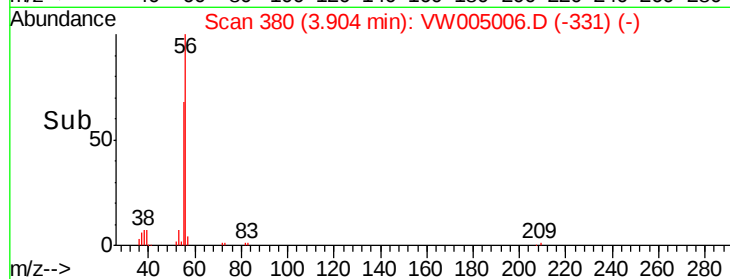
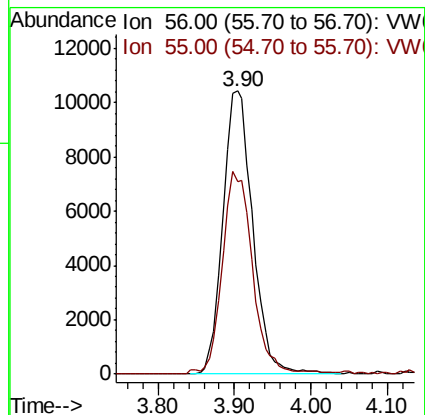
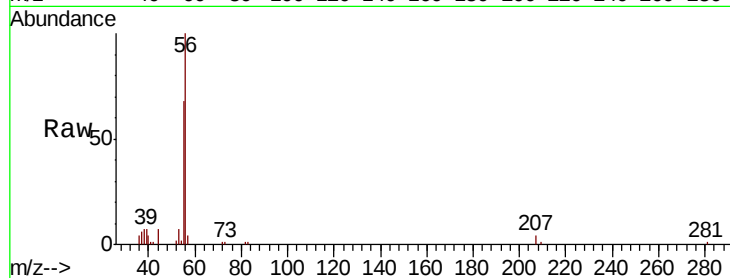
55 71.9 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.709 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

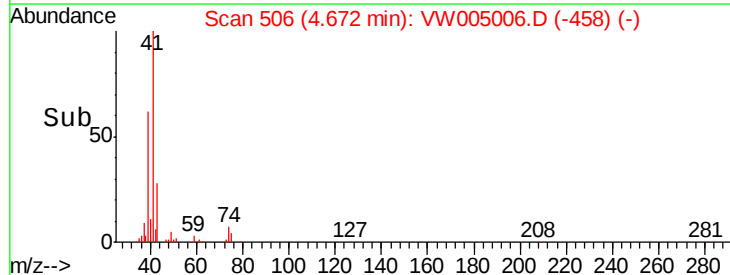
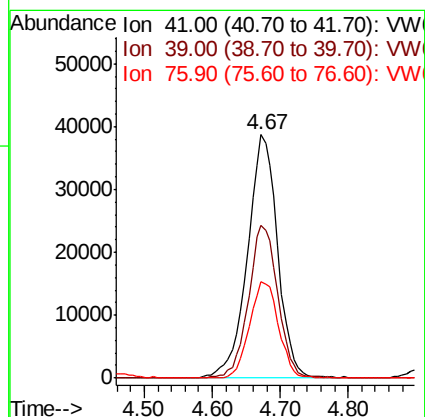
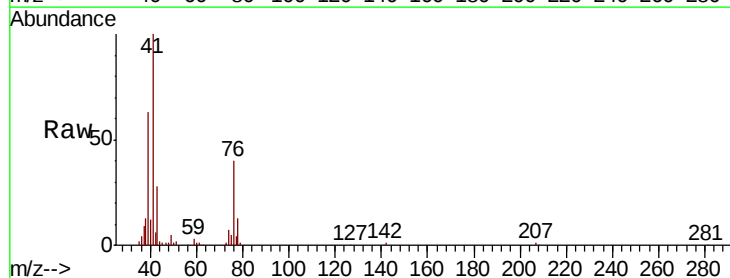
Tgt Ion: 41 Resp: 119216

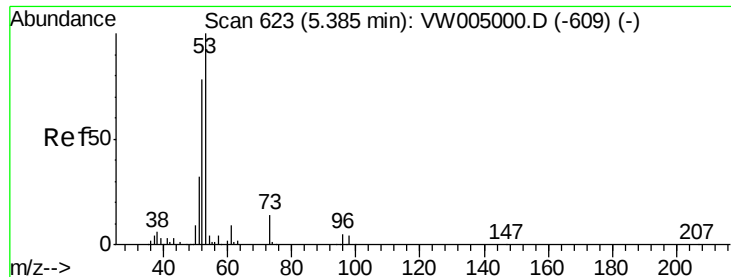
Ion Ratio Lower Upper

41 100

39 61.1 49.4 74.2

76 38.2 31.4 47.2





#15

Acrylonitrile

Concen: 94.968 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.01 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

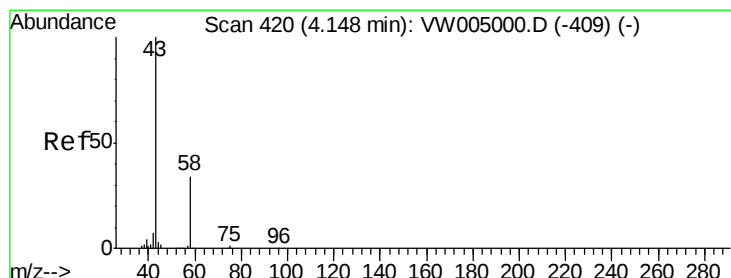
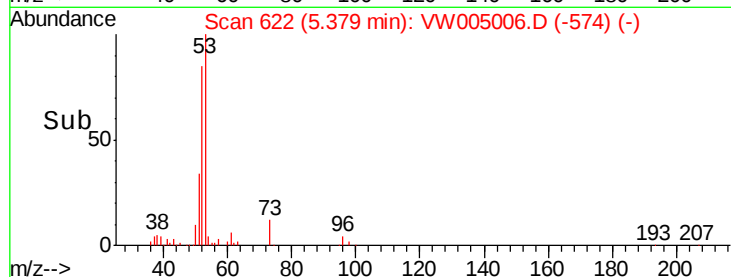
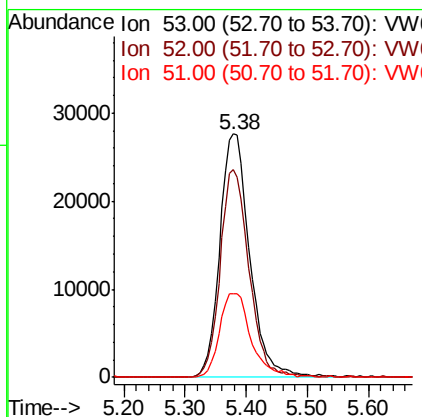
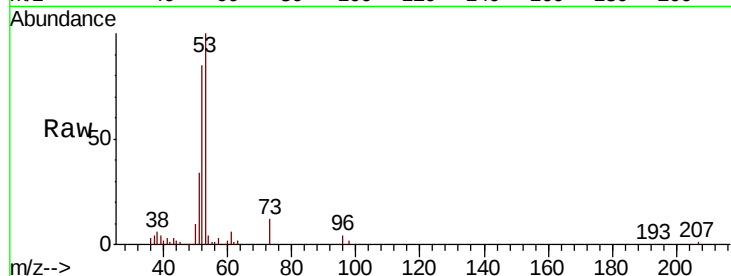
ClientSampleId :

VW0829SBS01

Tot Ion:	53	Resp:	93806
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.0	97.6
51	36.2	28.6	43.0

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#16

Acetone

Concen: 91.393 ug/l

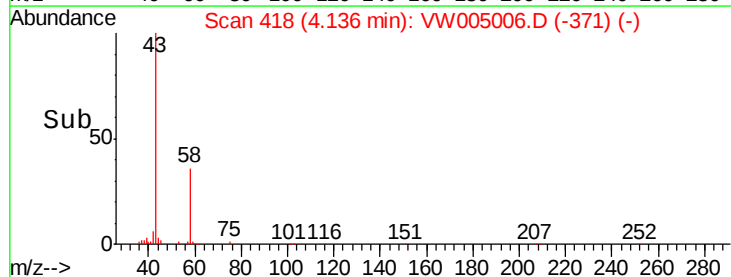
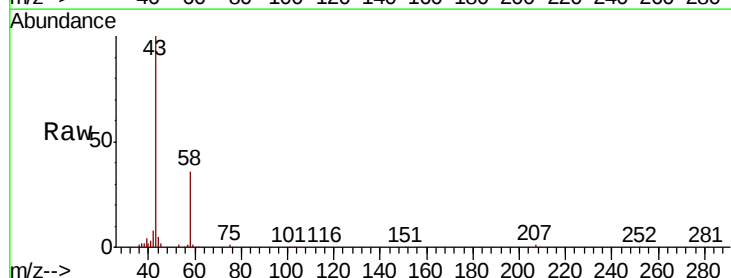
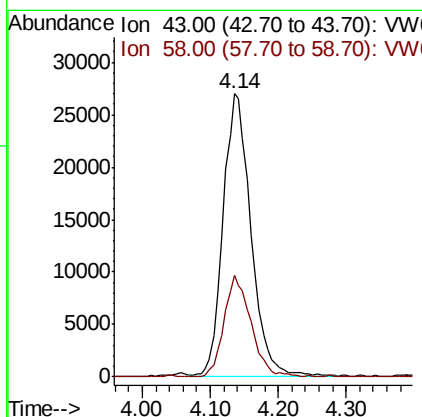
RT: 4.14 min Scan# 418

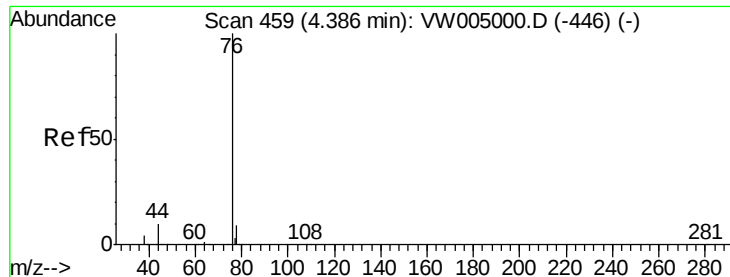
Delta R.T. -0.01 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	43	Resp:	75842
Ion Ratio	Lower	Upper	
43	100		
58	36.2	27.2	40.8





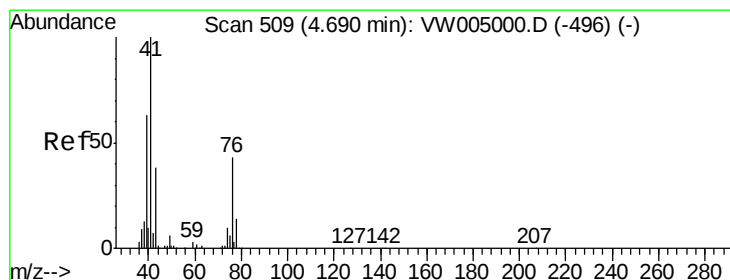
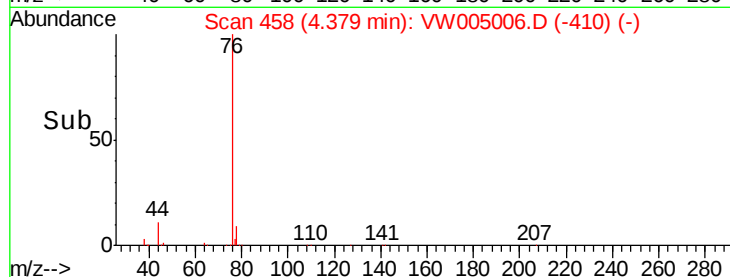
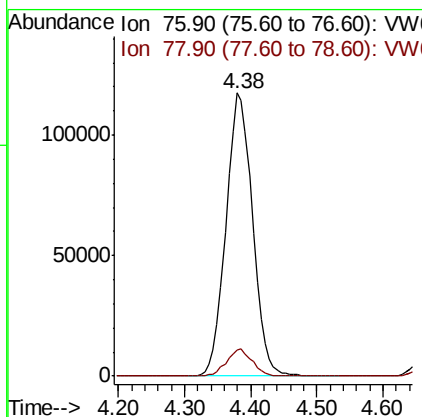
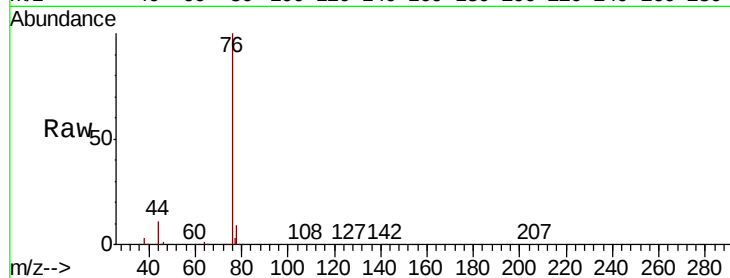
#17
Carbon Disulfide
Concen: 19.804 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

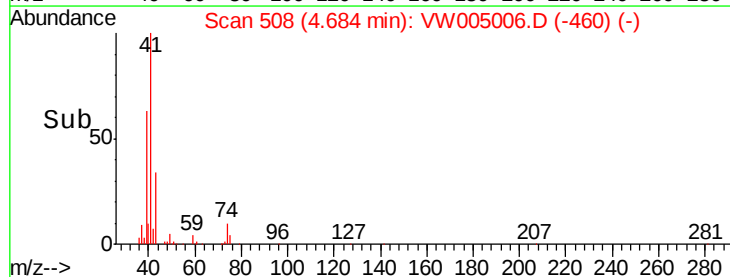
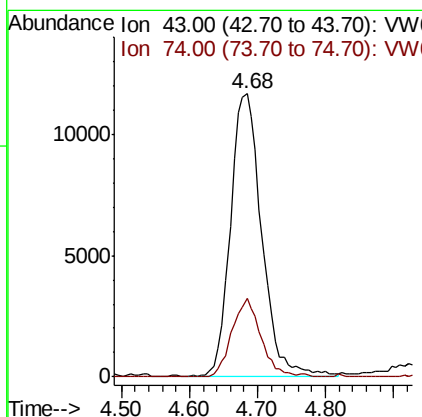
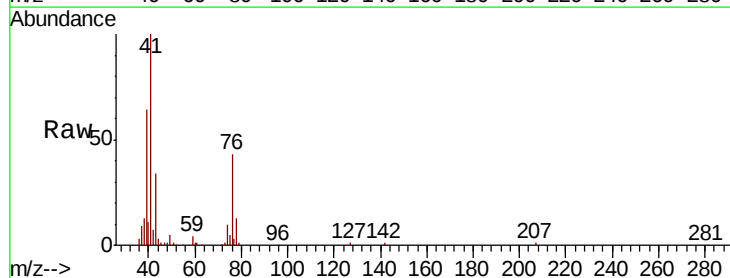
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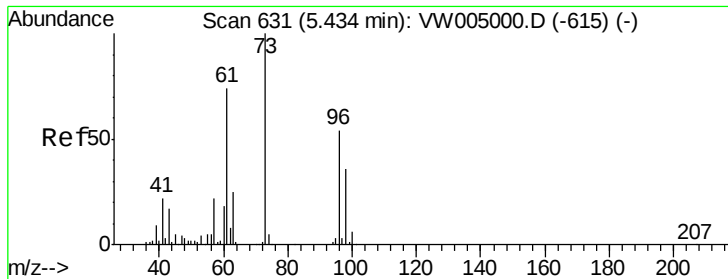
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#18
Methyl Acetate
Concen: 18.641 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.3	30.5





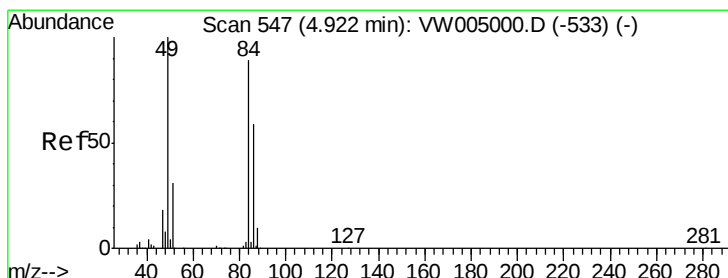
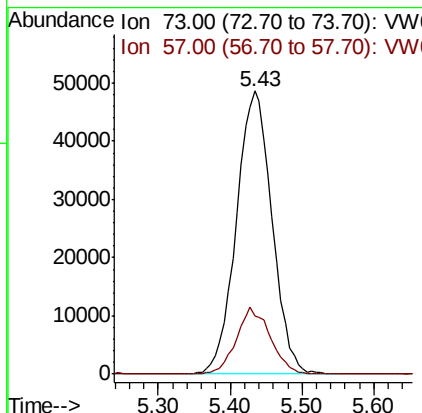
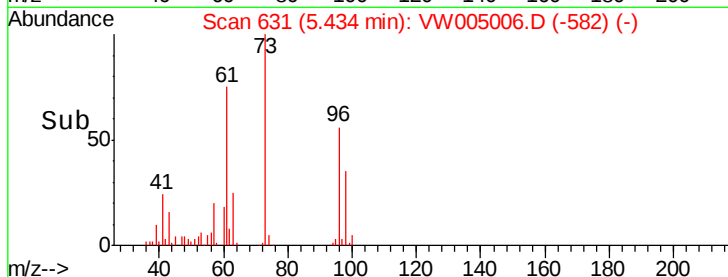
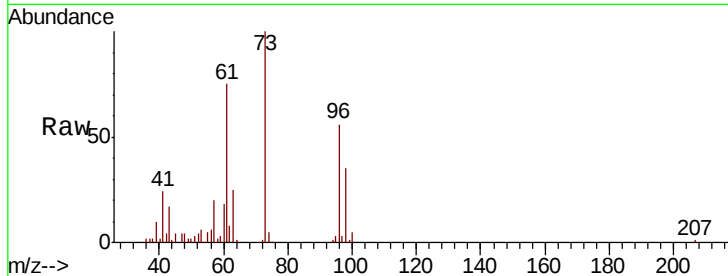
#19
Methvl tert-butvl Ether
Concen: 19.689 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion: 73 Resp: 166207
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4

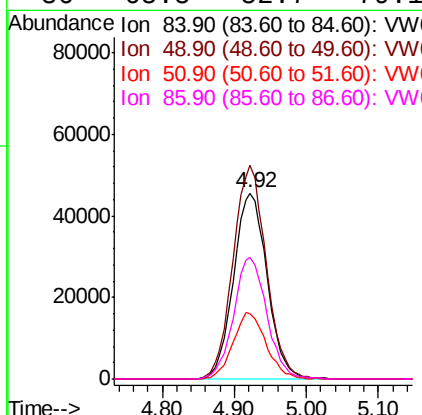
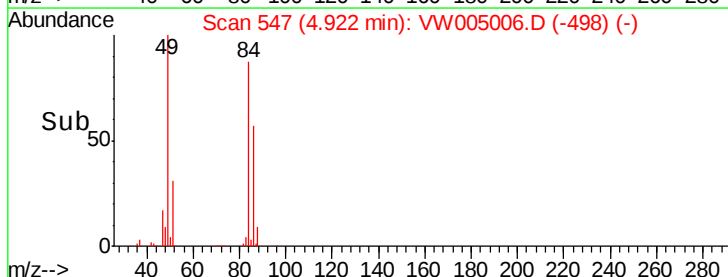
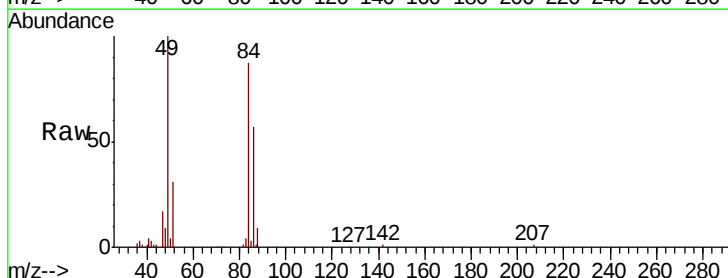
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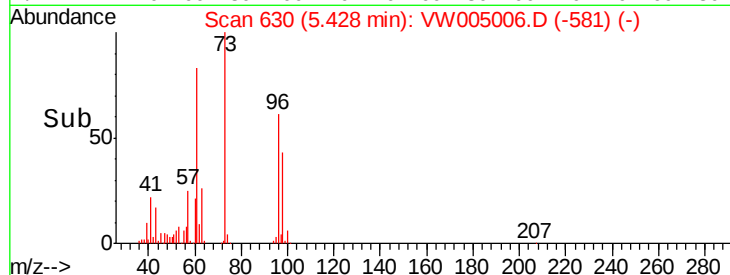
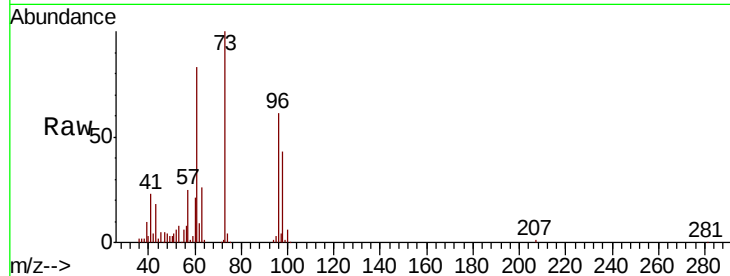
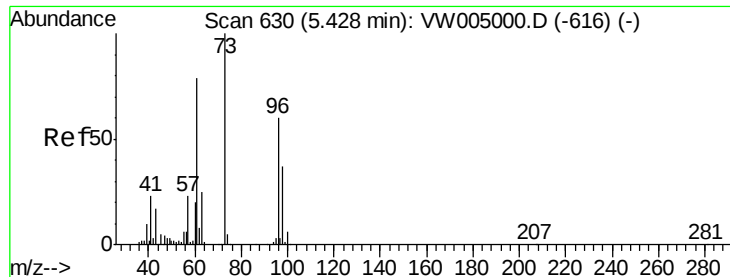
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#20
Methylene Chloride
Concen: 22.689 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion: 84 Resp: 148062
Ion Ratio Lower Upper
84 100
49 115.0 89.7 134.5
51 35.5 27.5 41.3
86 65.5 52.7 79.1





#21

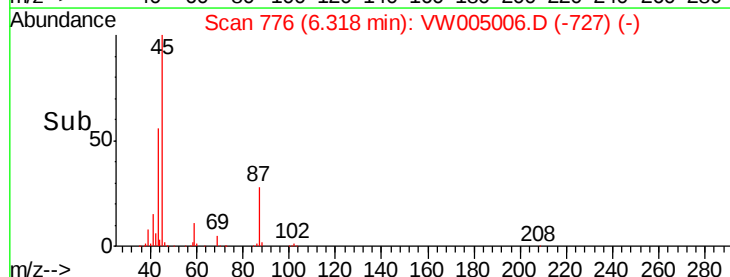
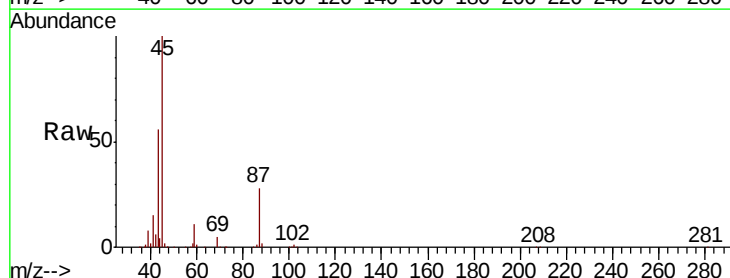
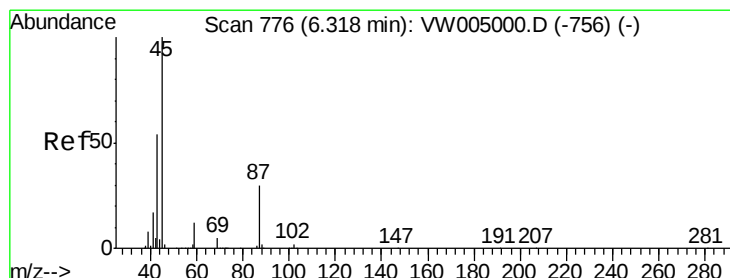
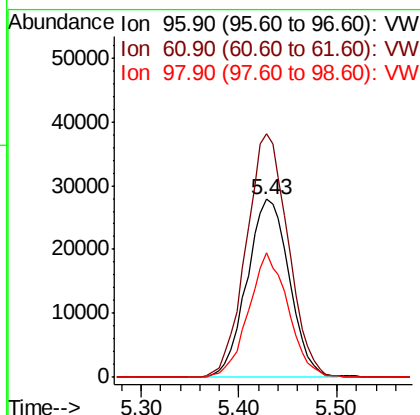
trans-1,2-Dichloroethene
Concen: 19.666 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampled :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	106.2	159.2
98	70.3	49.5	74.3

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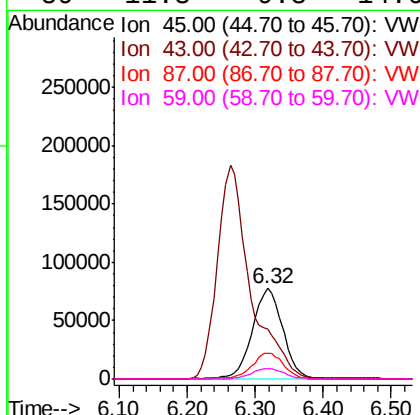
apatel
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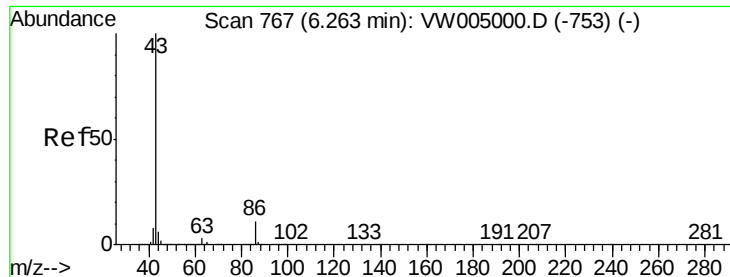


#22

Diisopropyl ether
Concen: 19.726 ug/l
RT: 6.32 min Scan# 776
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.0	43.5	65.3
87	27.7	23.8	35.8
59	11.3	9.8	14.6





#23

Vinyl Acetate

Concen: 98.468 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 43 Resp: 621644

Ion Ratio Lower Upper

43 100

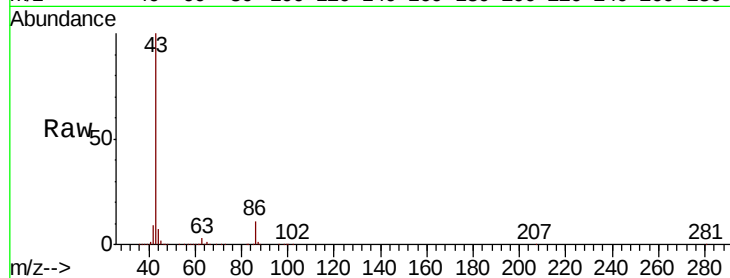
86 11.0 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

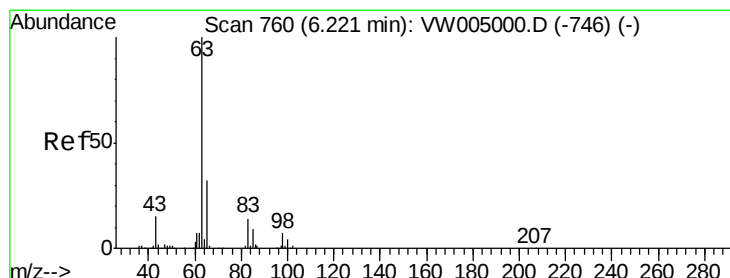
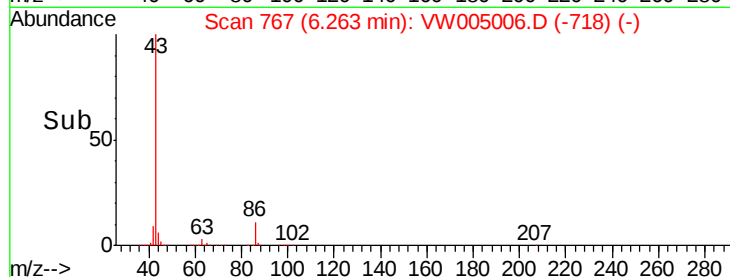
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.775 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

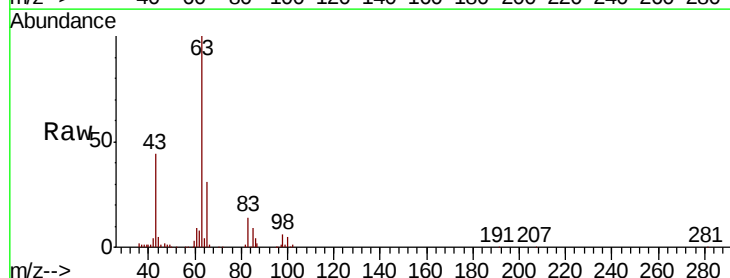
Tgt Ion: 63 Resp: 147744

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

60000

50000

40000

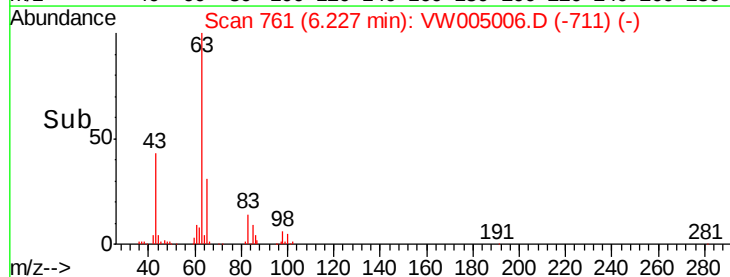
30000

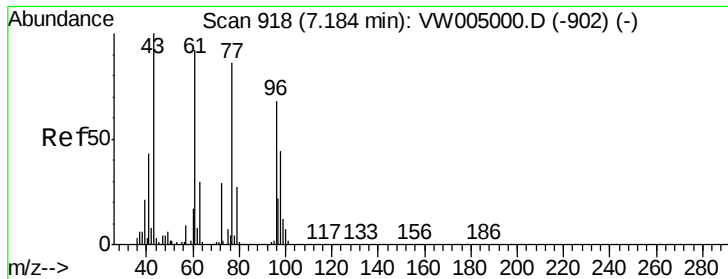
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.969 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampled :

VW0829SBS01

Tot Ion: 43 Resp: 126779

Ion Ratio Lower Upper

43 100

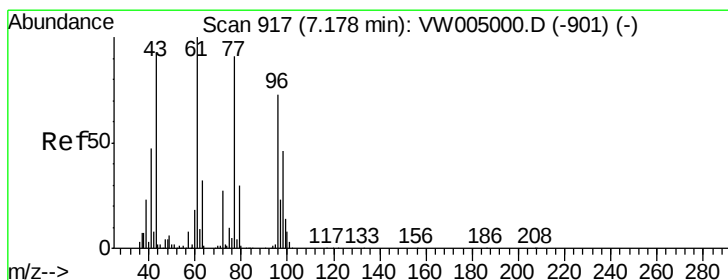
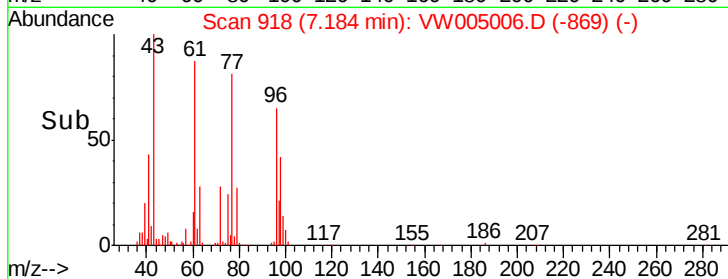
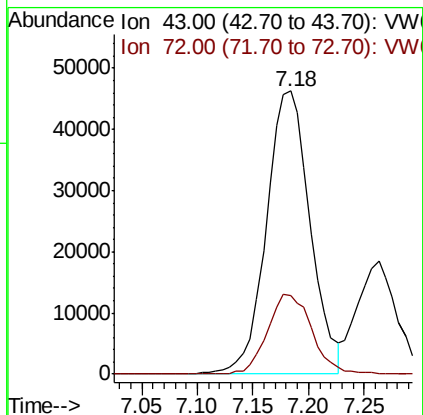
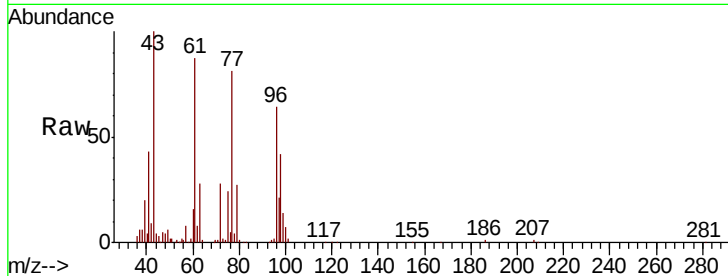
72 27.7 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.297 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005006.D

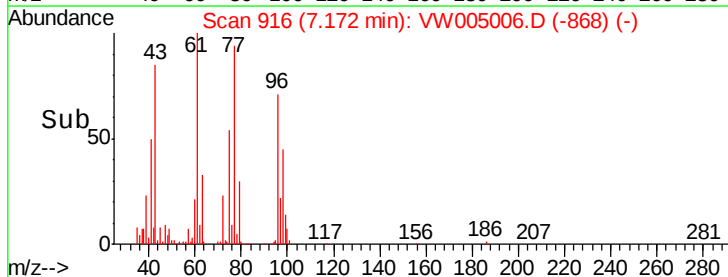
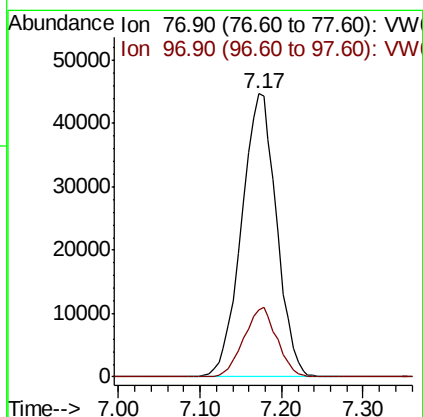
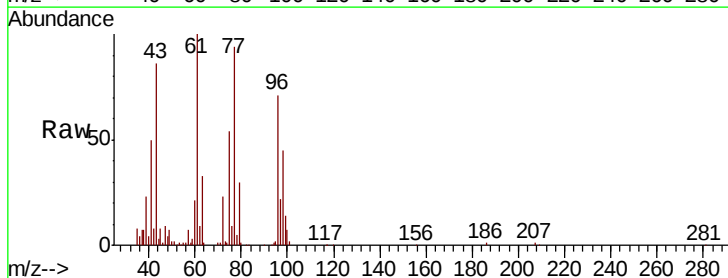
Acq: 29 Aug 2018 16:28

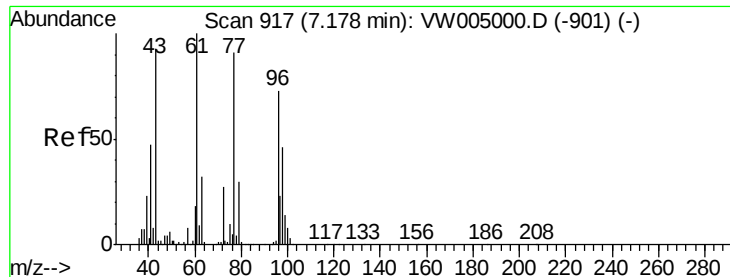
Tgt Ion: 77 Resp: 133099

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.4





#27

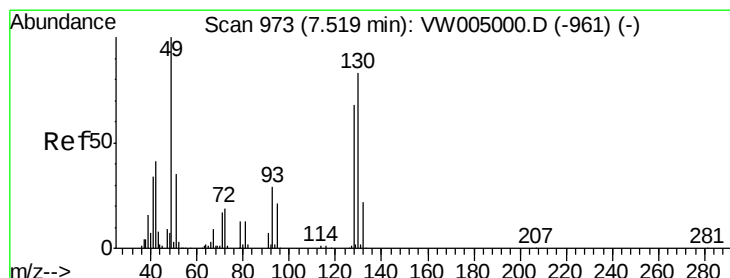
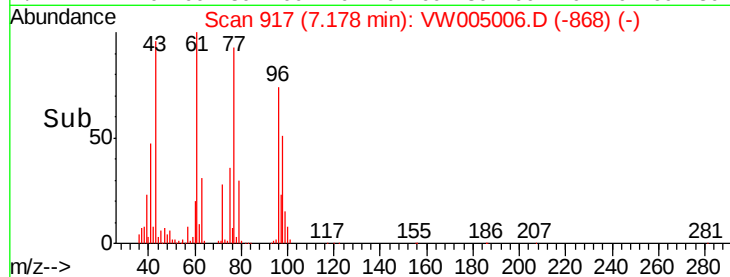
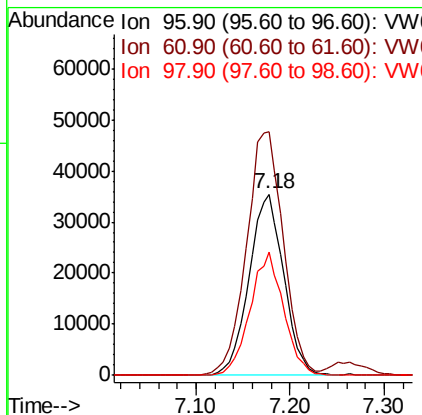
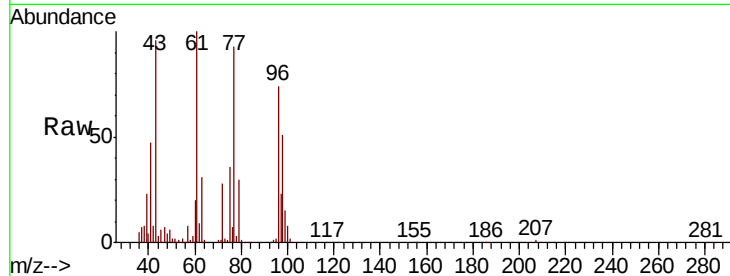
cis-1,2-Dichloroethene
 Concen: 19.723 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.4	0.0	281.6	
98	65.6	0.0	129.0	

Manual Integrations
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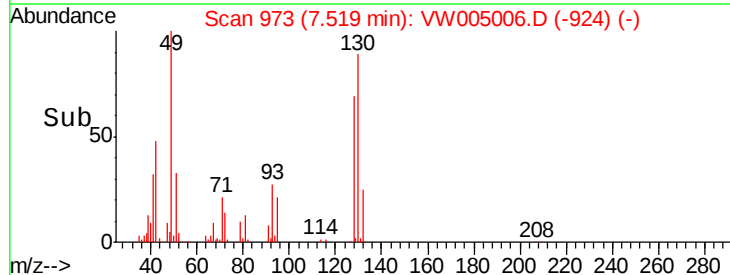
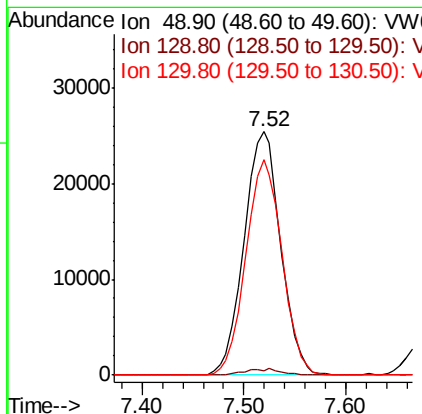
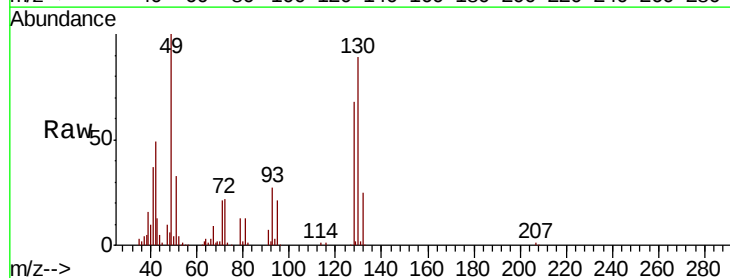
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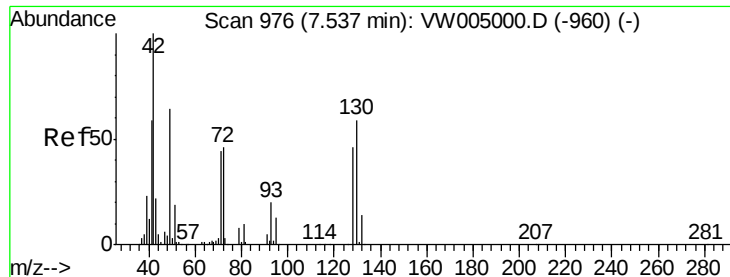


#28

Bromochloromethane
 Concen: 19.355 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.2	
130	87.1	68.2	102.2	





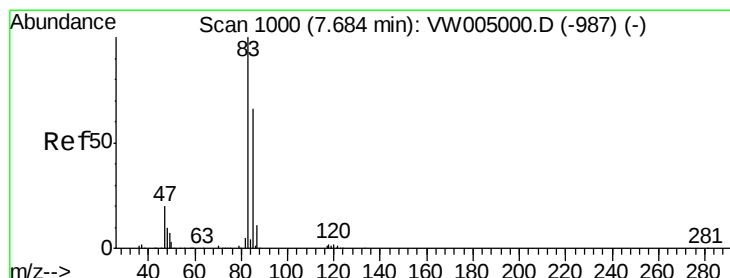
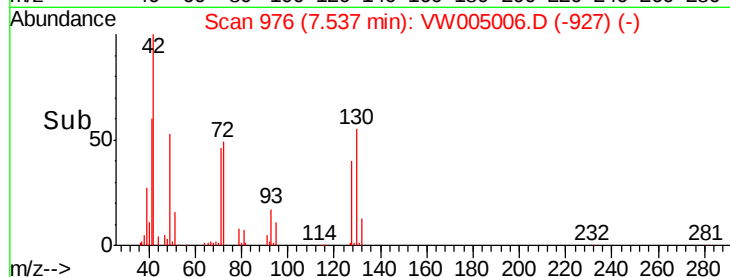
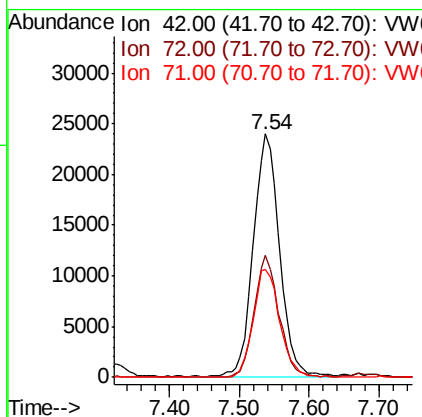
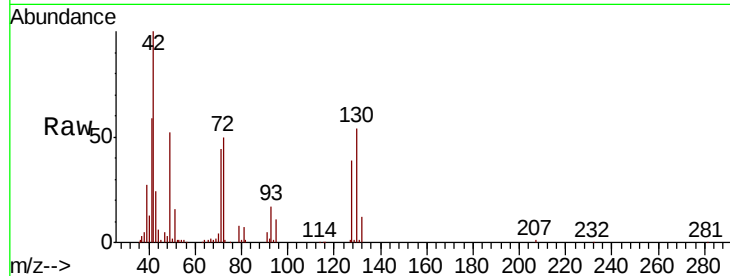
#29
Tetrahydrofuran
Concen: 94.964 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	36.6	55.0
71	45.5	35.4	53.2

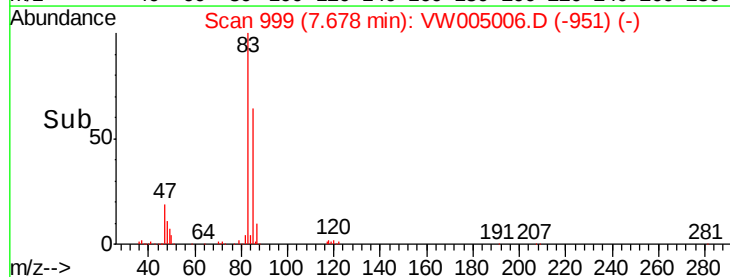
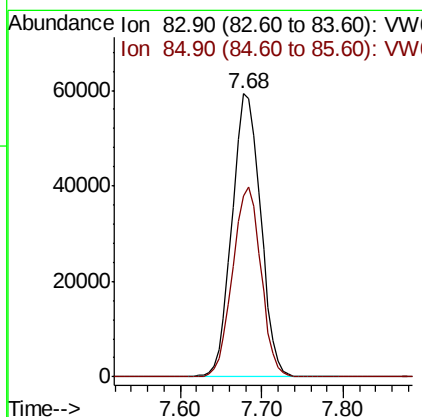
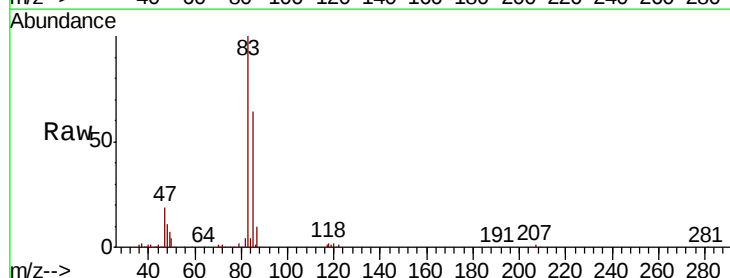
Manual Integrations
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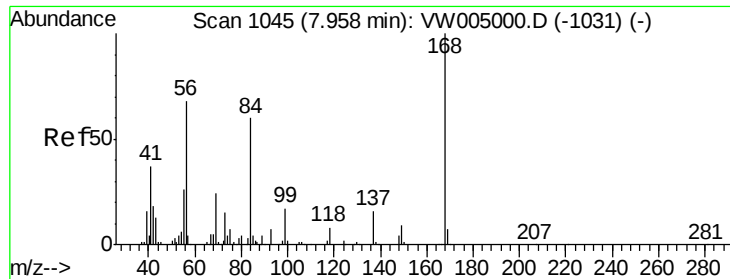
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#30
Chloroform
Concen: 19.538 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	78.8





#31

Cyclohexane

Concen: 20.263 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

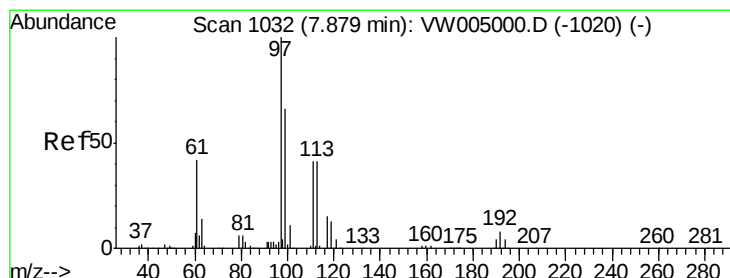
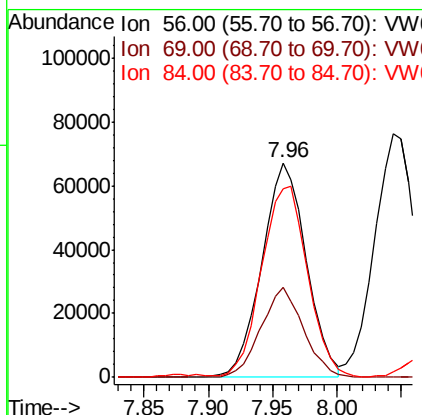
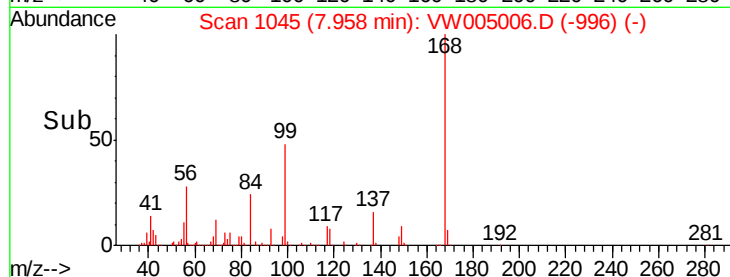
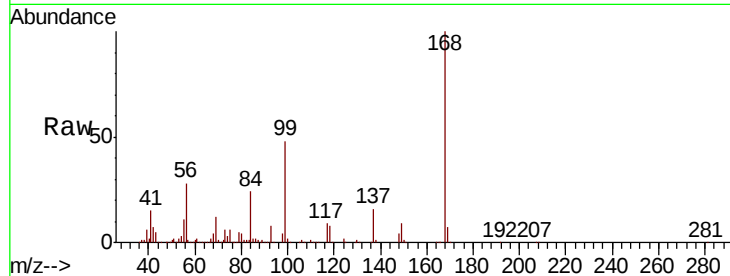
ClientSampleId :

VW0829SBS01

Tot Ion:	56	Resp:	160445
Ion Ratio	Lower	Upper	
56	100		
69	42.0	27.9	41.9#
84	86.9	70.5	105.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.092 ug/l

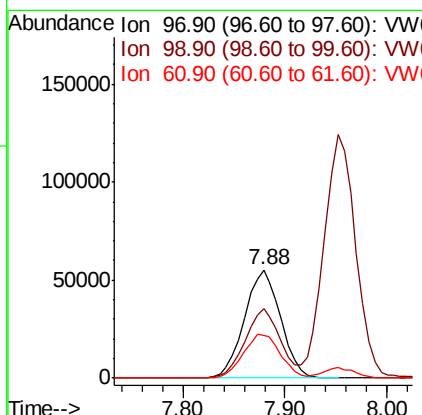
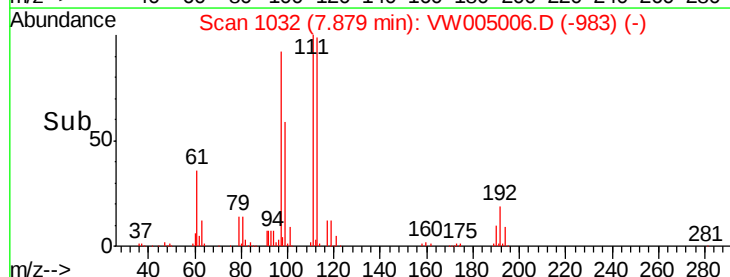
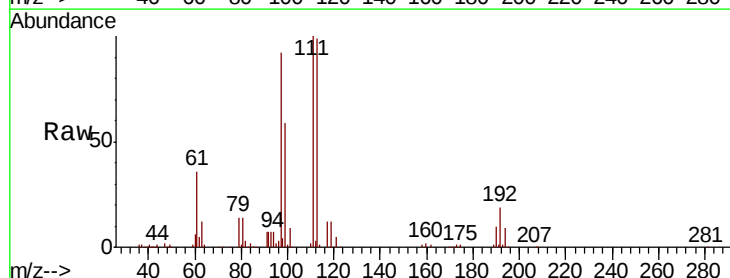
RT: 7.88 min Scan# 1032

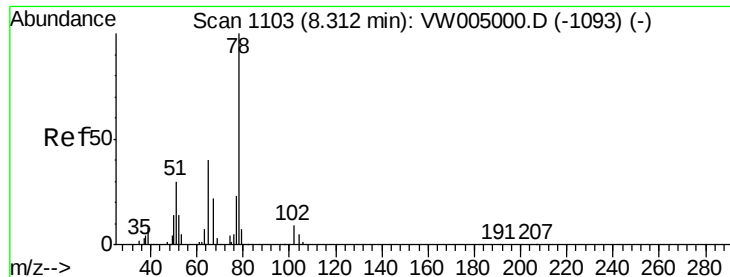
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	97	Resp:	135852
Ion Ratio	Lower	Upper	
97	100		
99	61.8	52.3	78.5
61	41.8	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 47.273 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 65 Resp: 173956

Ion Ratio Lower Upper

65 100

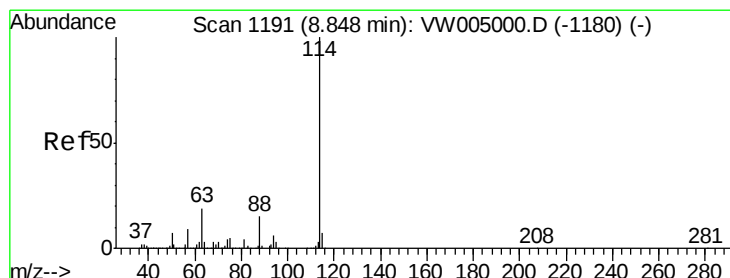
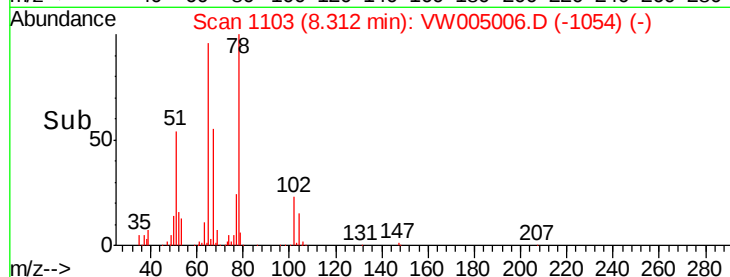
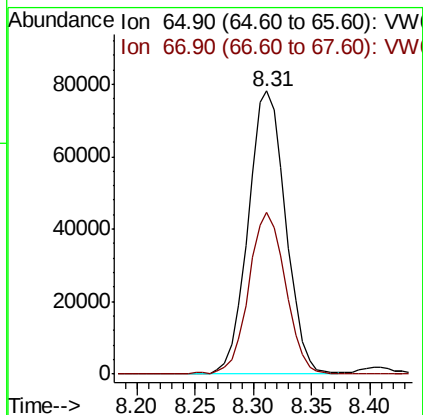
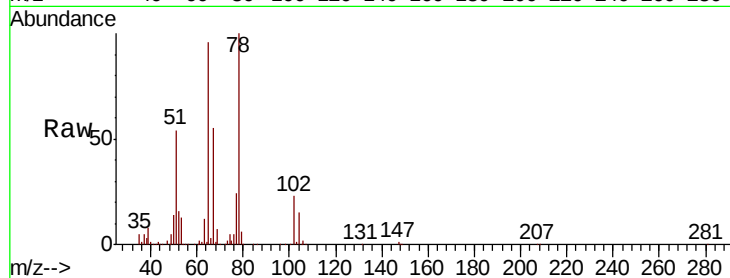
67 56.4 0.0 112.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

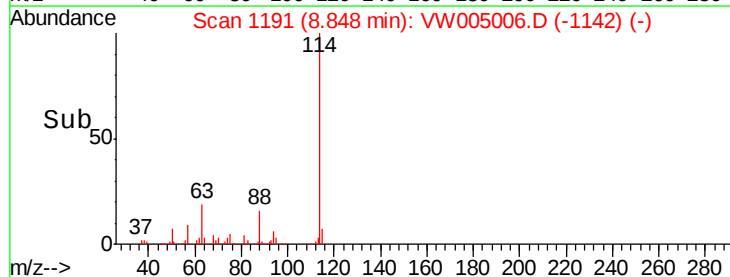
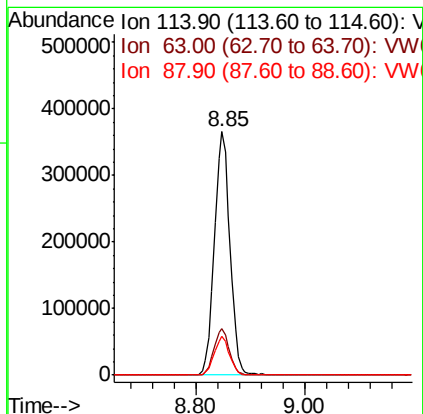
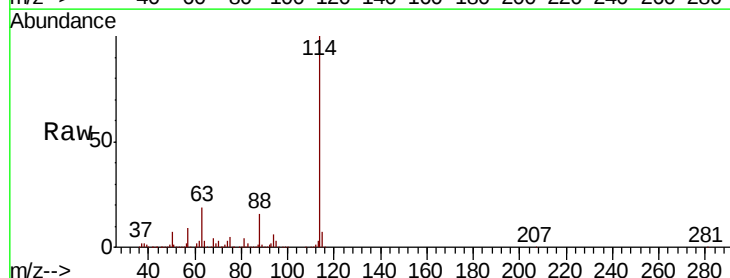
Tgt Ion: 114 Resp: 723514

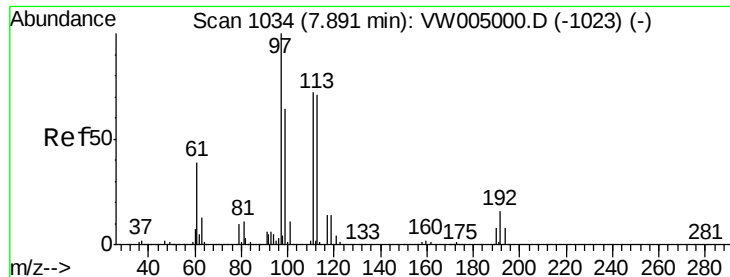
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.7 0.0 30.6





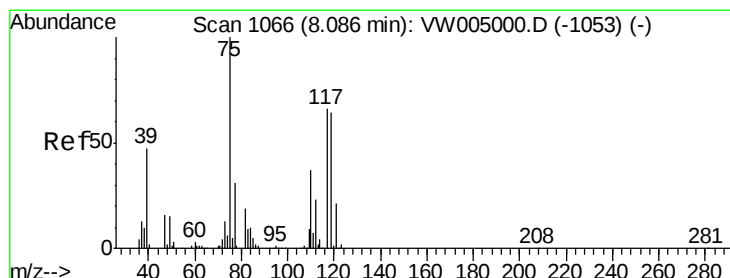
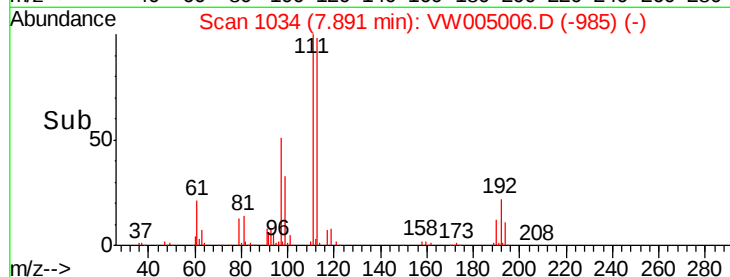
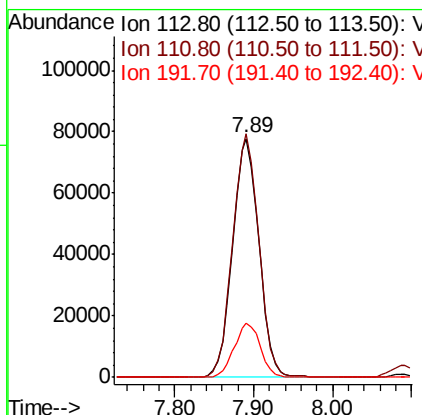
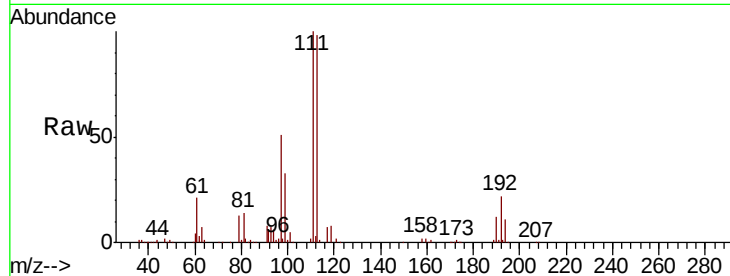
#35
 Dibromofluoromethane
 Concen: 50.377 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180618		
111	101.8	81.3	121.9	
192	22.5	17.8	26.8	

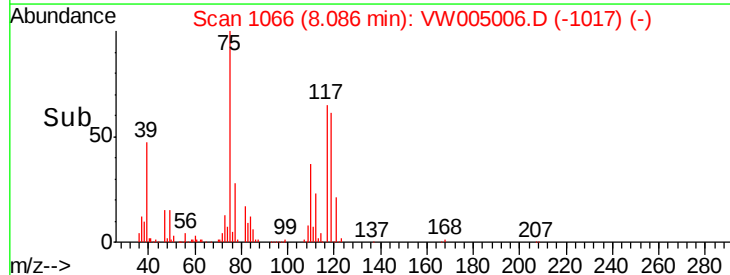
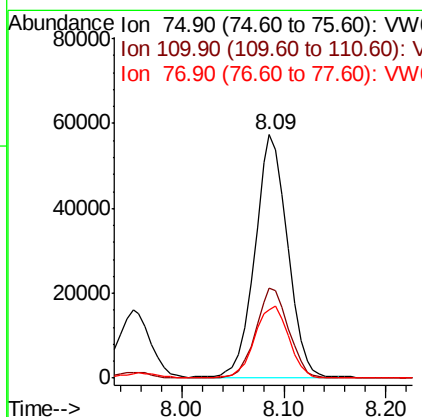
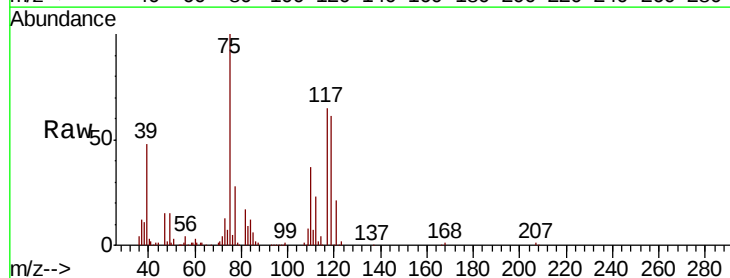
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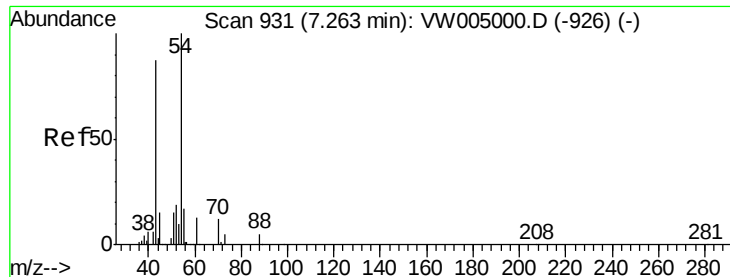
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#36
 1,1-Dichloropropene
 Concen: 20.713 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126982		
110	37.4	18.7	56.1	
77	31.4	24.9	37.3	





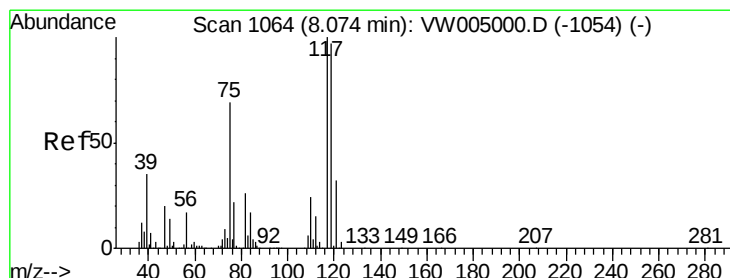
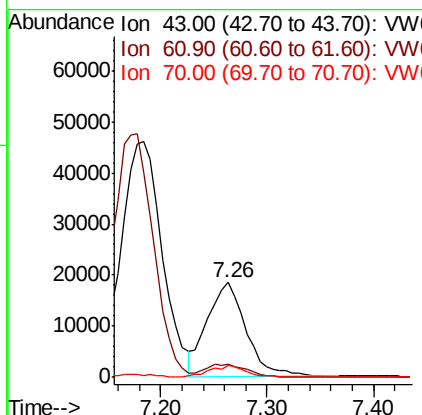
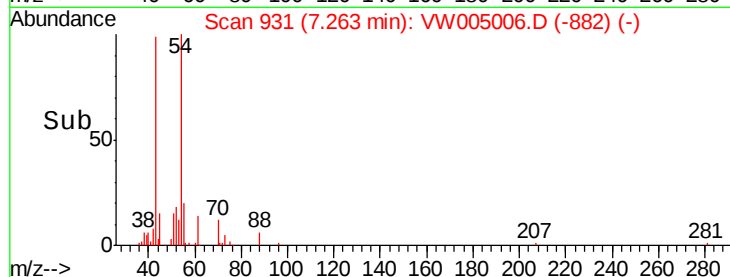
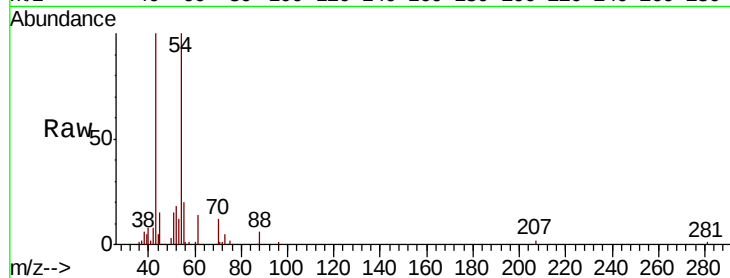
#37
Ethyl Acetate
Concen: 21.127 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.3	18.5
70	11.8	9.7	14.5

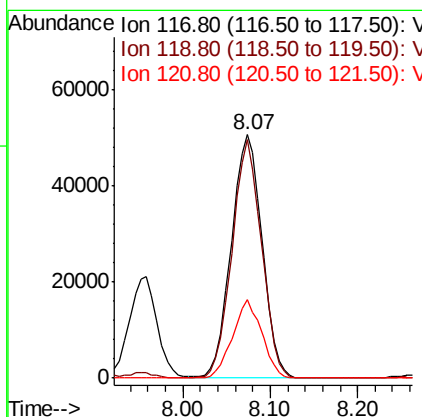
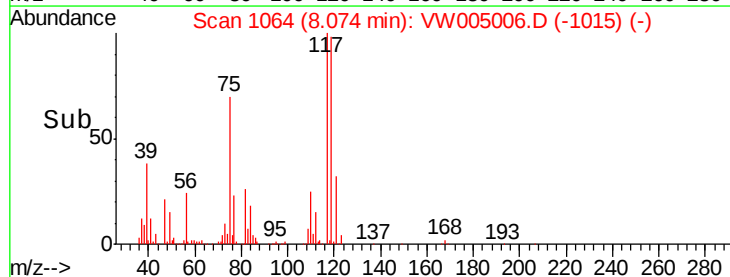
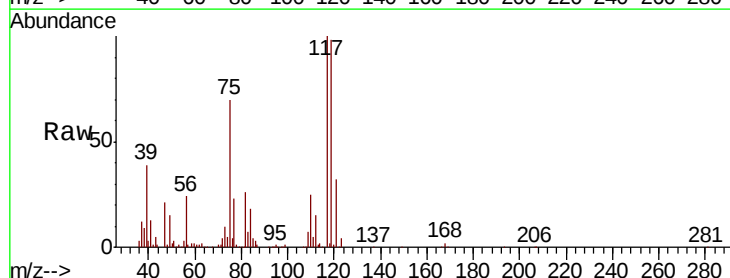
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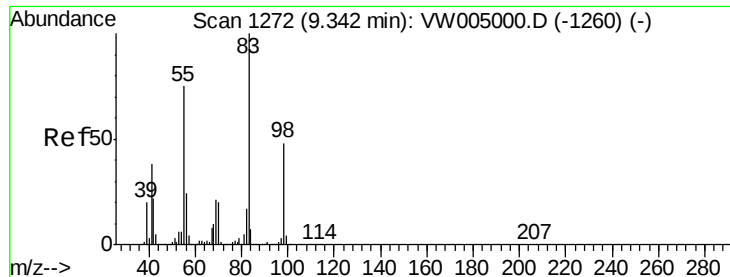
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#38
Carbon Tetrachloride
Concen: 20.889 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.8	116.8
121	32.2	25.2	37.8





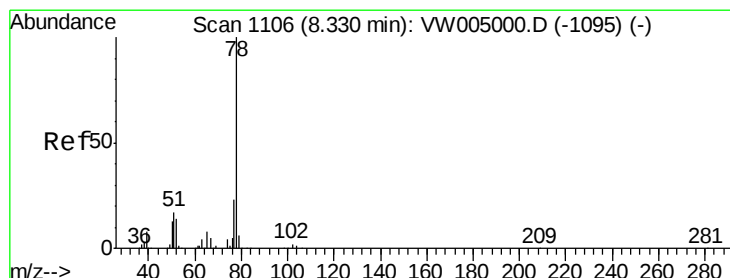
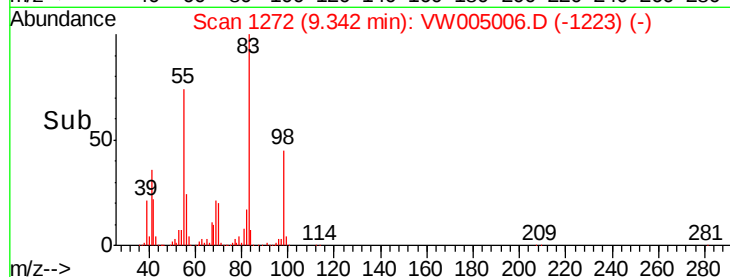
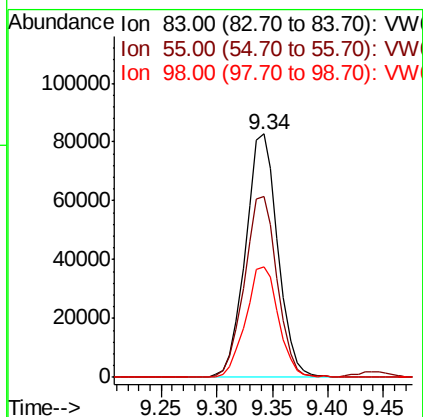
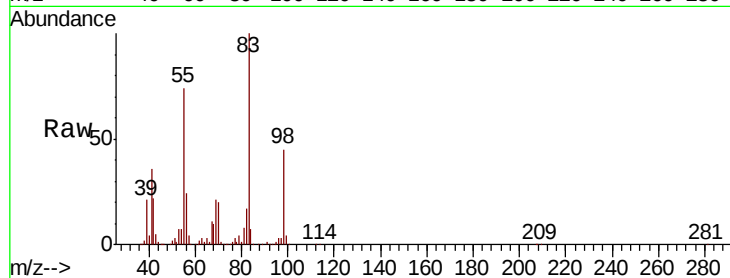
#39
Methvlcvclohexane
Concen: 19.749 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.2	90.2
98	45.2	38.6	57.8

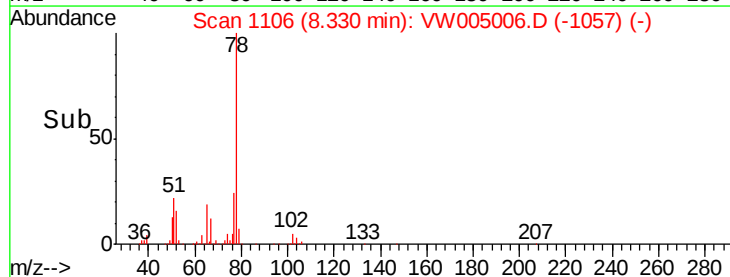
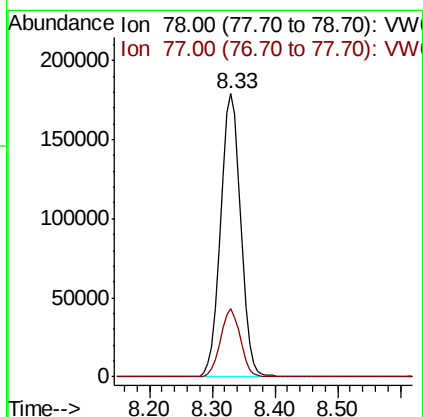
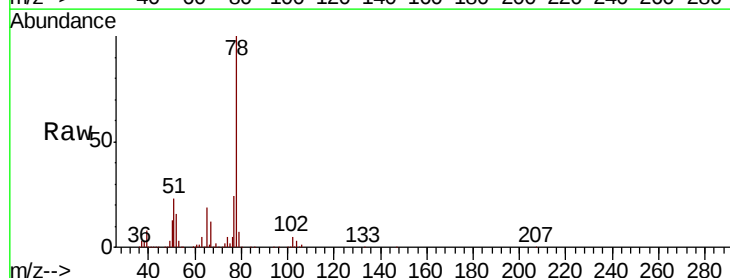
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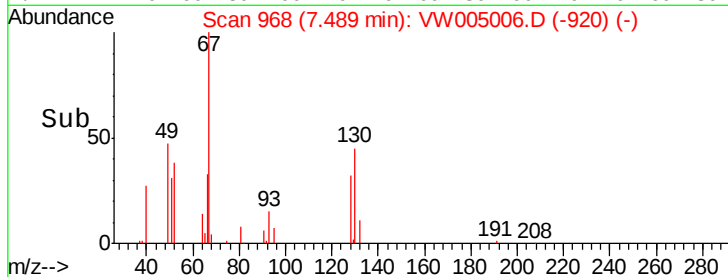
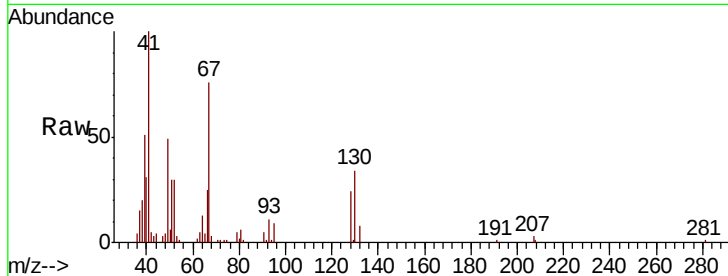
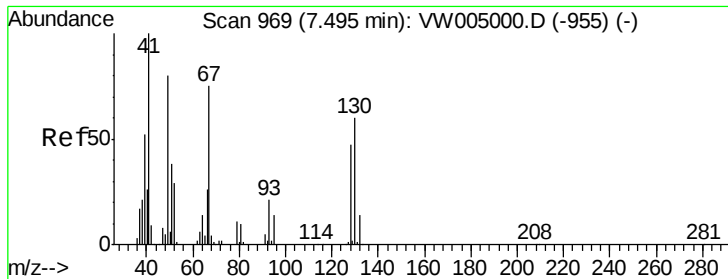
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#40
Benzene
Concen: 20.263 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





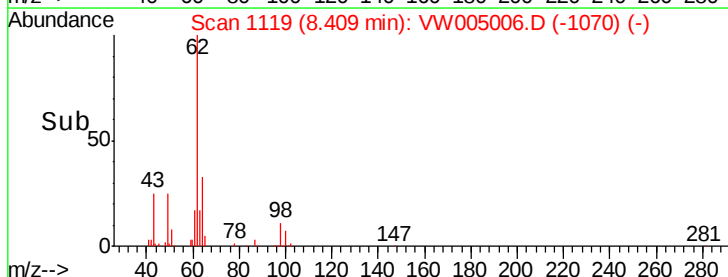
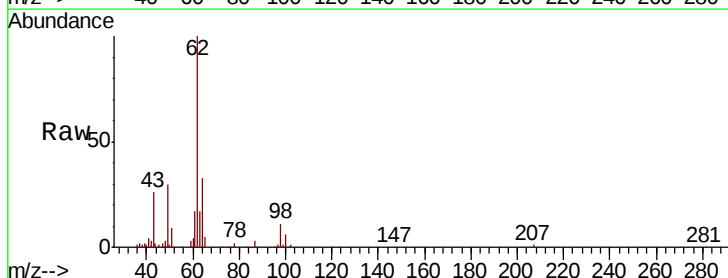
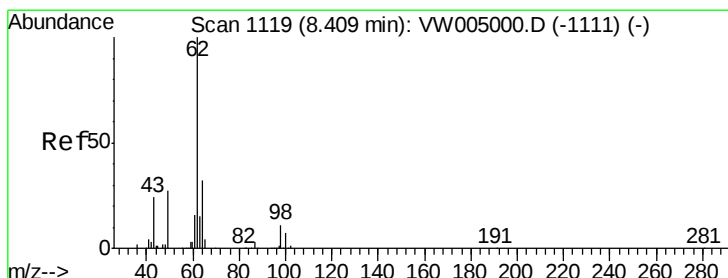
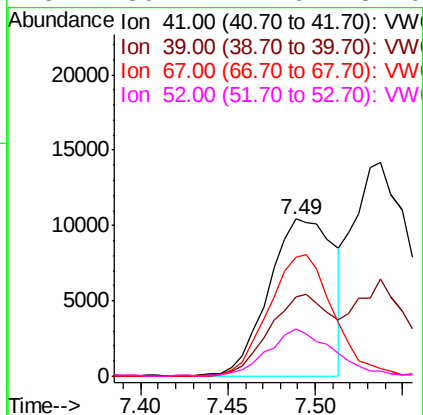
#41
Methacrylonitrile
Concen: 21.195 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tot Ion	41	Resp	27293
Ion Ratio	Lower	Upper	
41	100		
39	50.0	42.0	63.0
67	77.0	63.4	95.2
52	30.2	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

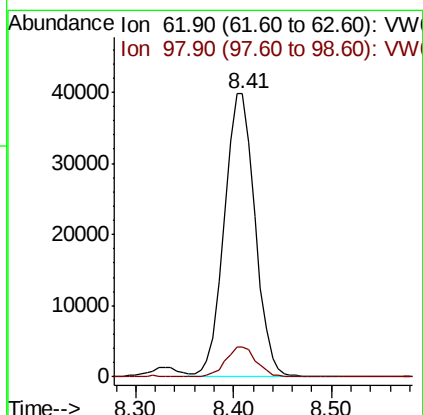
Manual Integrations
APPROVED

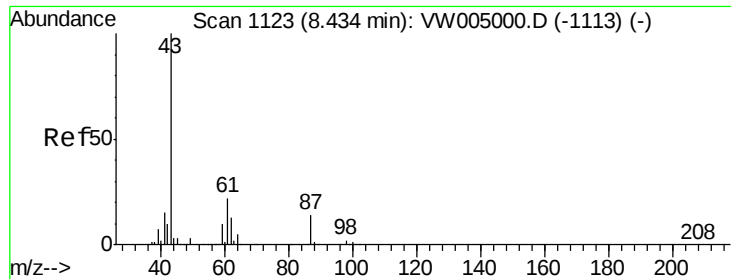
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#42
1,2-Dichloroethane
Concen: 19.854 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	62	Resp	86692
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.333 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

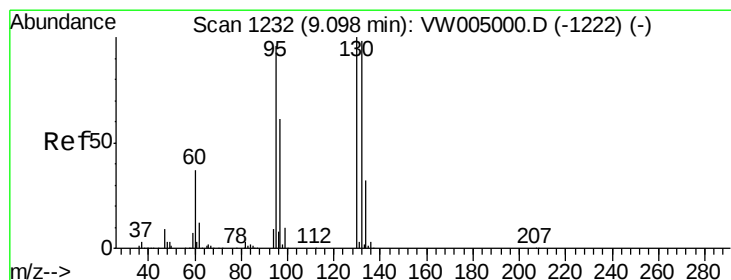
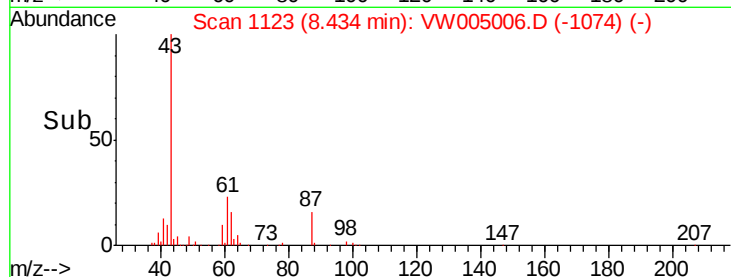
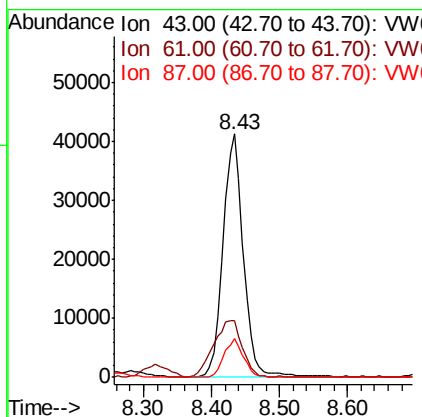
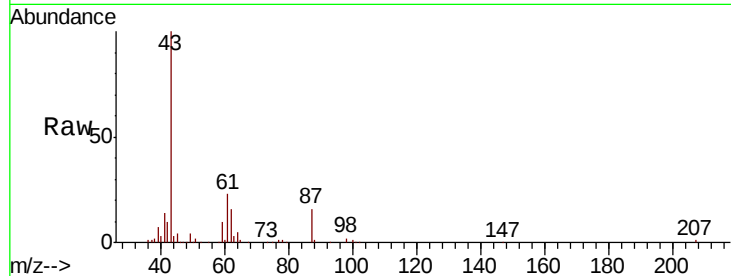
ClientSampleId :

VW0829SBS01

Tot Ion:	43	Resp:	85005
Ion Ratio	Lower	Upper	
43	100		
61	32.3	26.2	39.4
87	15.1	11.8	17.6

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#44

Trichloroethene

Concen: 20.150 ug/l

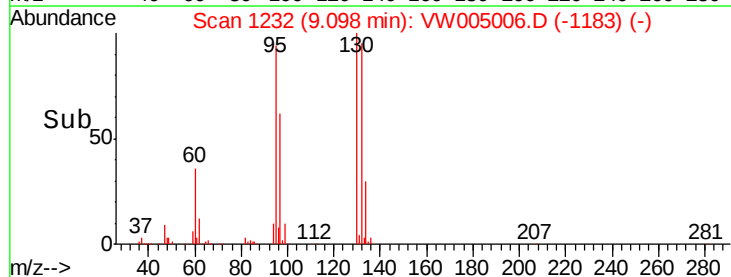
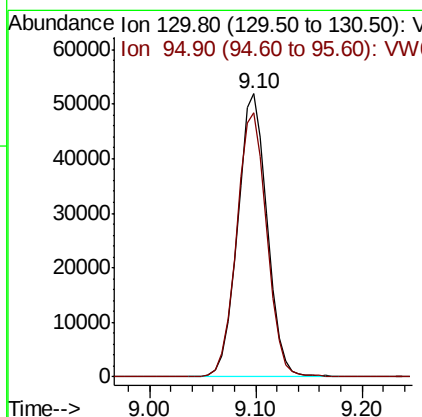
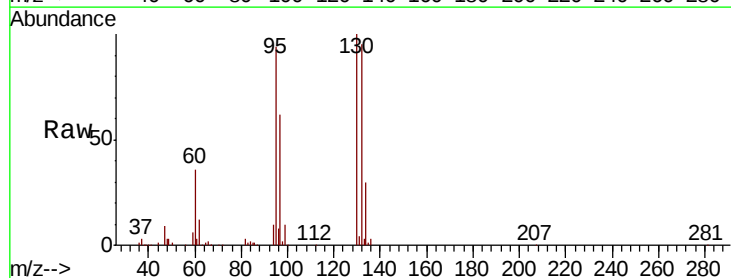
RT: 9.10 min Scan# 1232

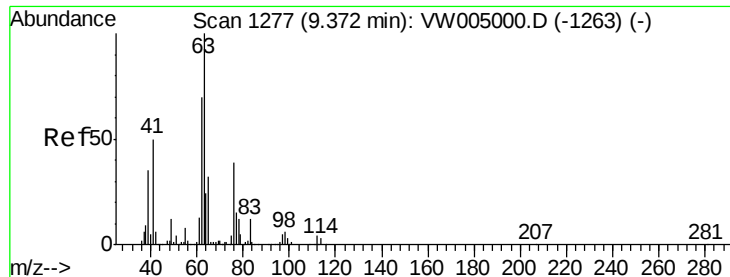
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	130	Resp:	100996
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	192.2





#45

1,2-Dichloropropane

Concen: 20.424 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 63 Resp: 91698

Ion Ratio Lower Upper

63 100

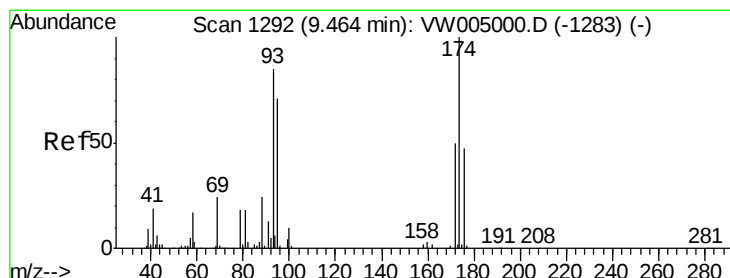
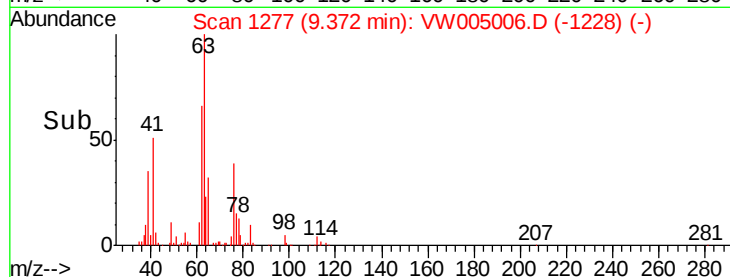
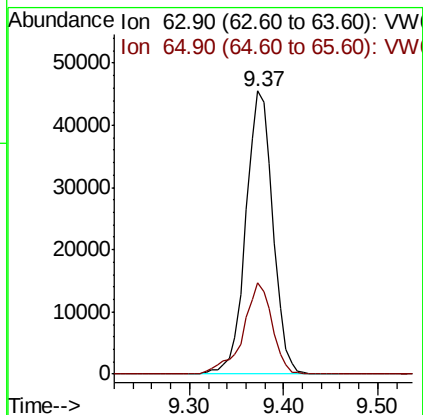
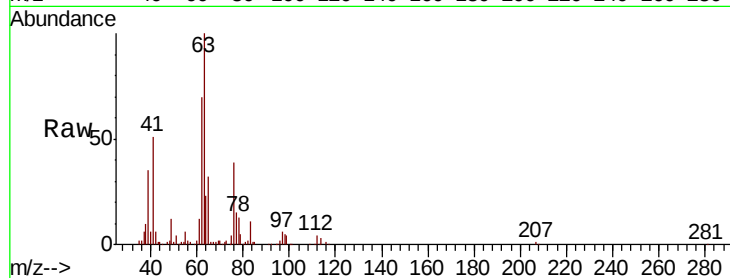
65 32.1 25.3 37.9

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#46

Dibromomethane

Concen: 20.115 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

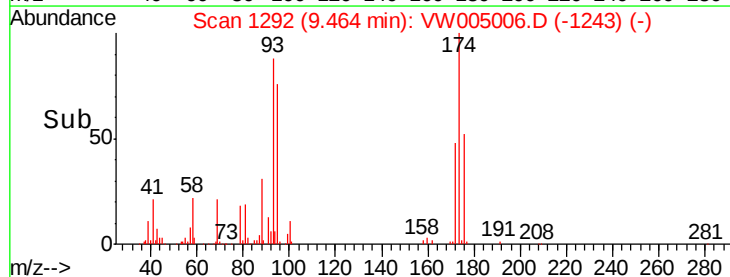
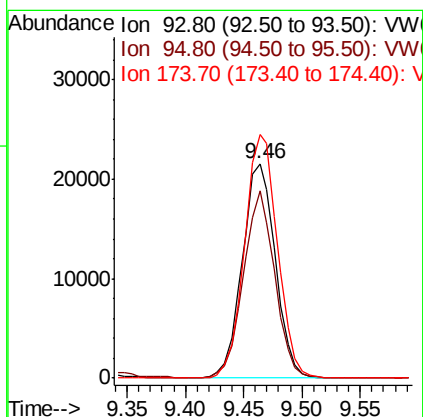
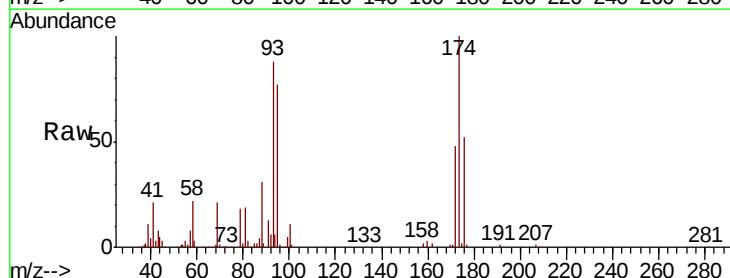
Tgt Ion: 93 Resp: 42744

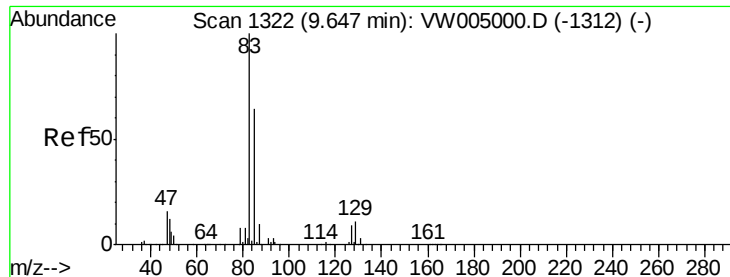
Ion Ratio Lower Upper

93 100

95 82.9 68.0 102.0

174 113.0 91.4 137.0





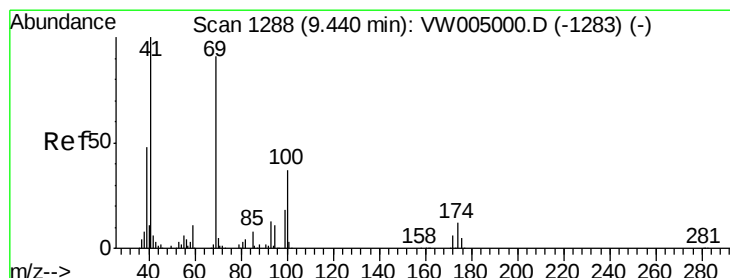
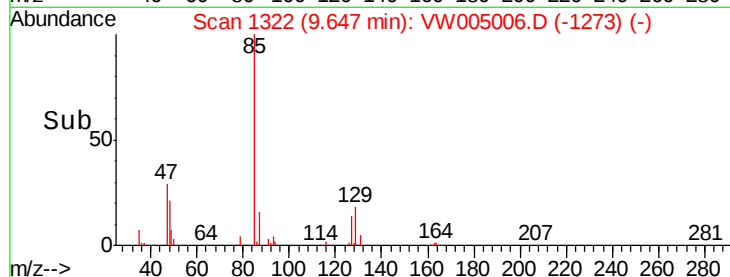
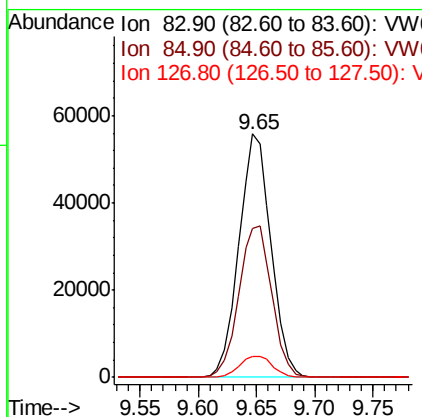
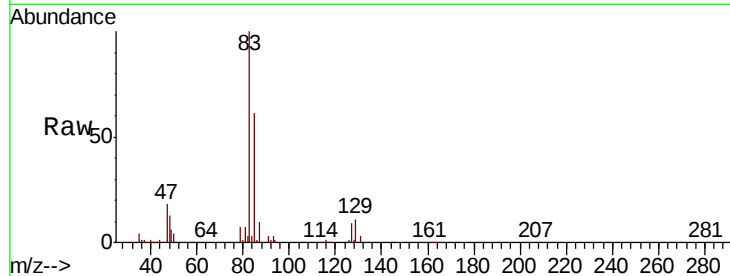
#47
Bromodichloromethane
Concen: 20.350 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion:	83	Resp:	106851
Ion Ratio	Lower	Upper	
83	100		
85	61.2	51.3	76.9
127	8.8	7.2	10.8

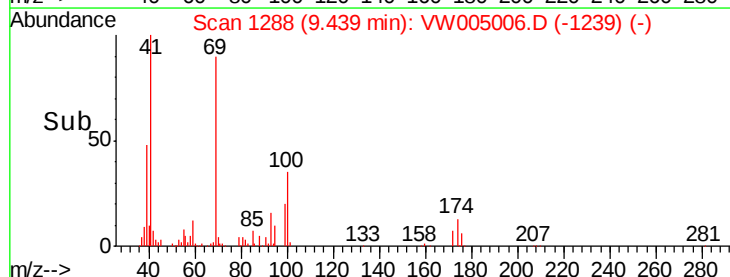
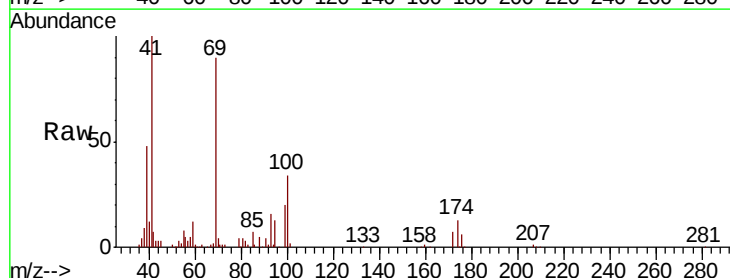
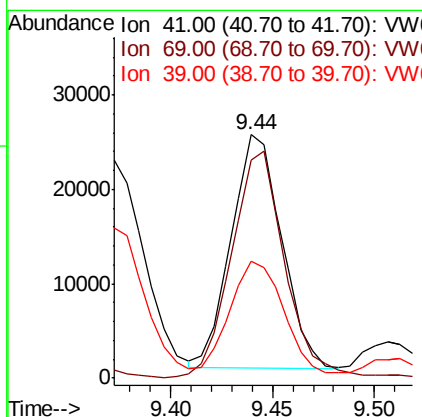
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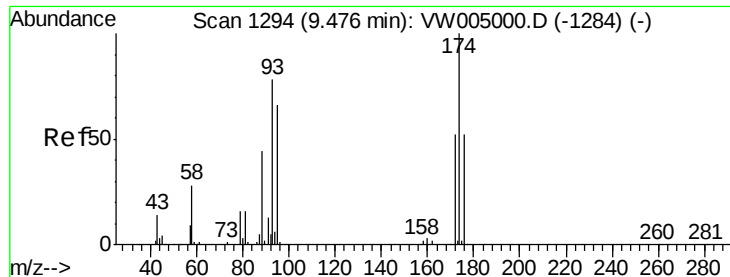
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#48
Methyl methacrylate
Concen: 18.245 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion:	41	Resp:	42664
Ion Ratio	Lower	Upper	
41	100		
69	104.2	72.5	108.7
39	49.7	37.0	55.6





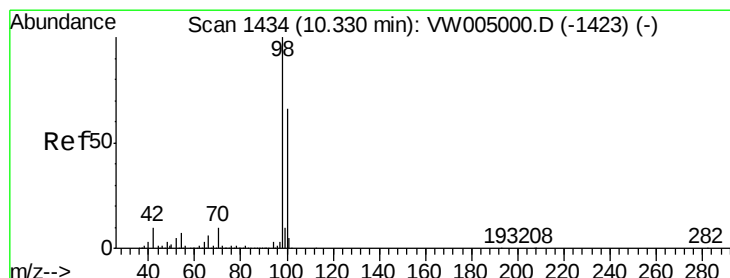
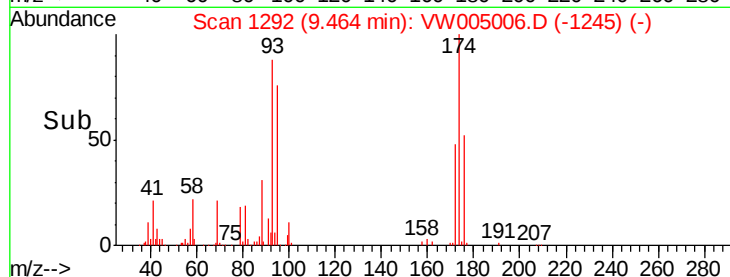
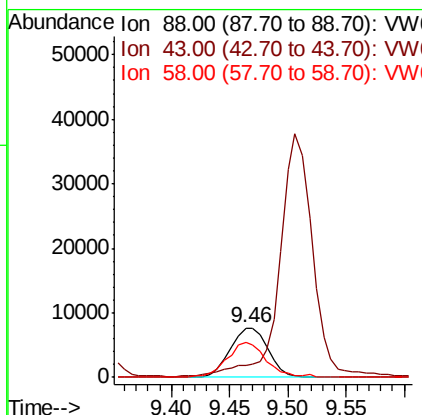
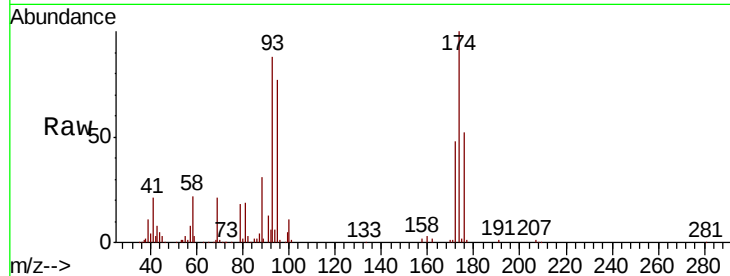
#49
1,4-Dioxane
Concen: 394.565 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.9	57.0	85.4

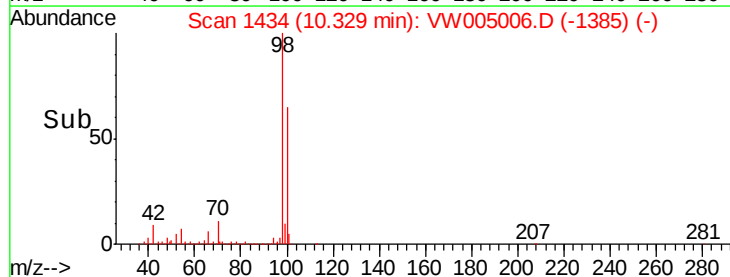
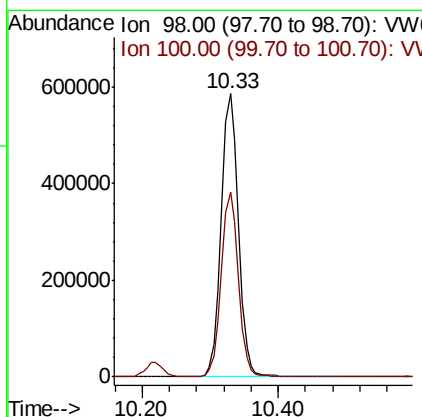
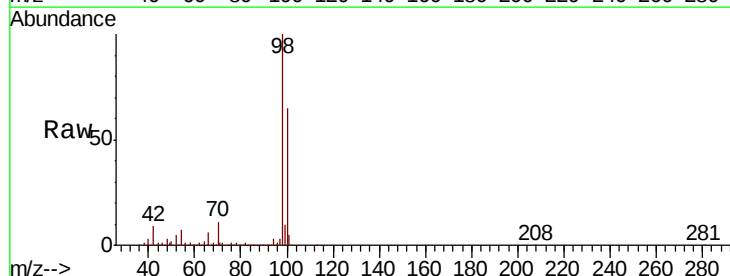
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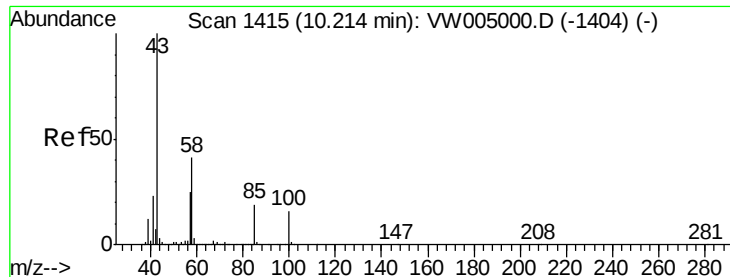
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#50
Toluene-d8
Concen: 52.627 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 97.239 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampled :

VW0829SBS01

Tot Ion: 43 Resp: 320212

Ion Ratio Lower Upper

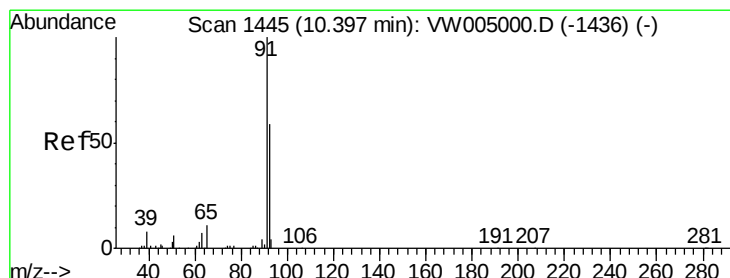
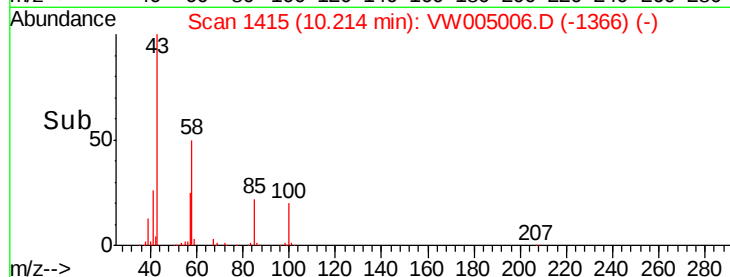
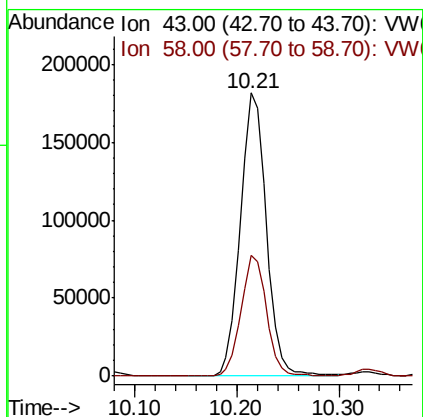
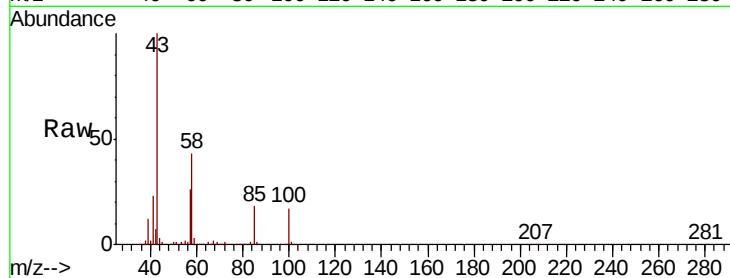
43 100

58 42.0 33.5 50.3

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#52

Toluene

Concen: 21.010 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005006.D

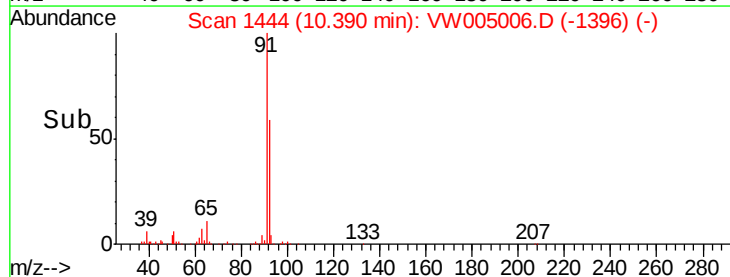
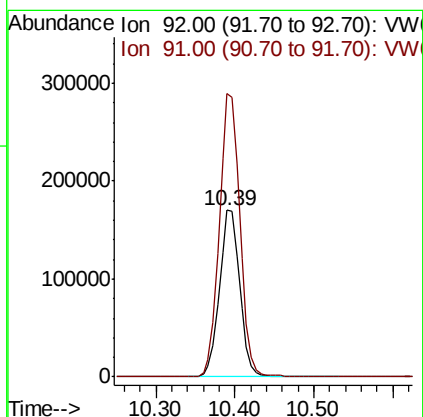
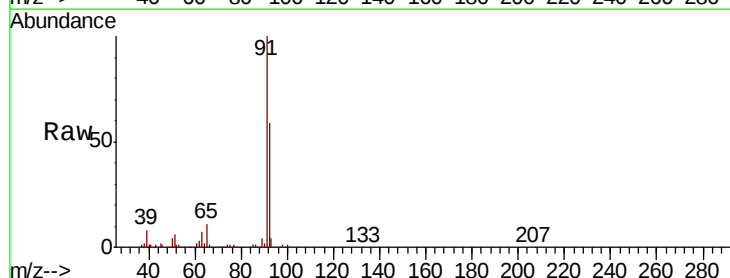
Acq: 29 Aug 2018 16:28

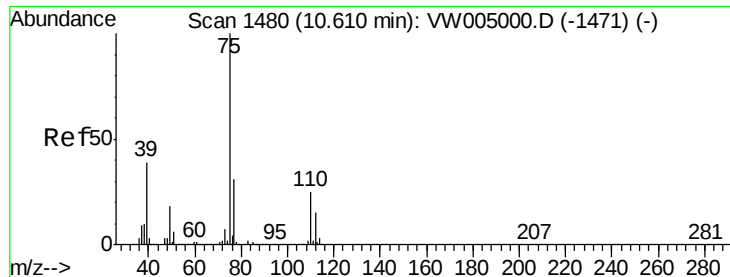
Tgt Ion: 92 Resp: 305879

Ion Ratio Lower Upper

92 100

91 172.3 137.4 206.2





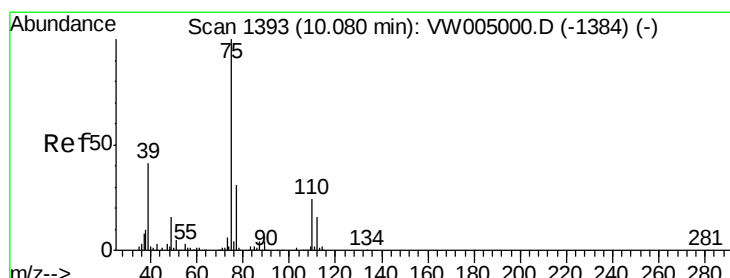
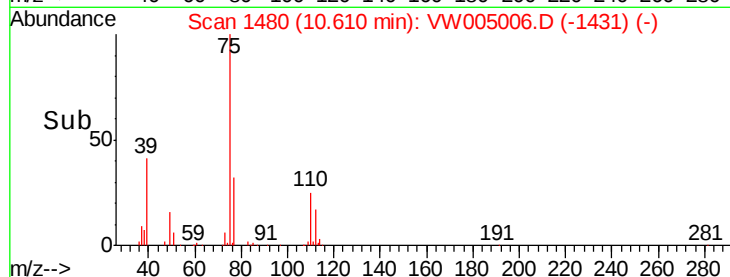
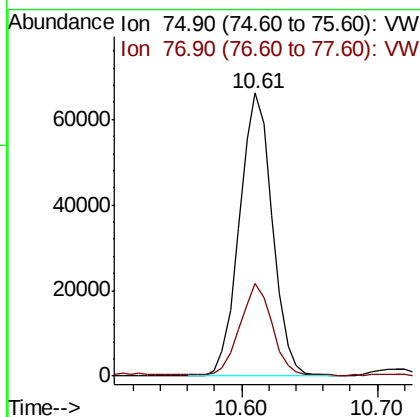
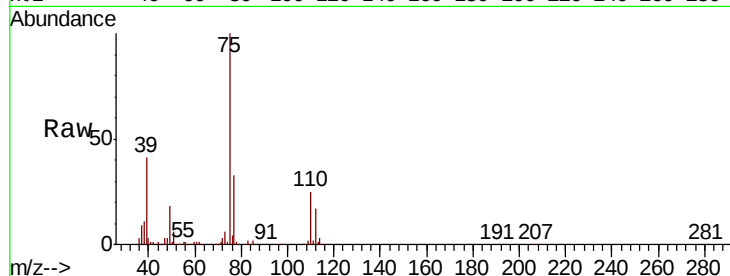
#53
 t-1,3-Dichloropropene
 Concen: 19.934 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion: 75 Resp: 111778
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7

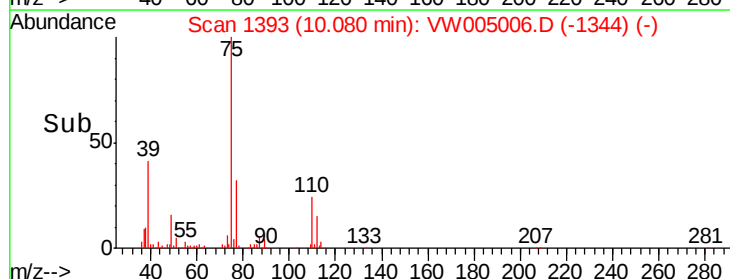
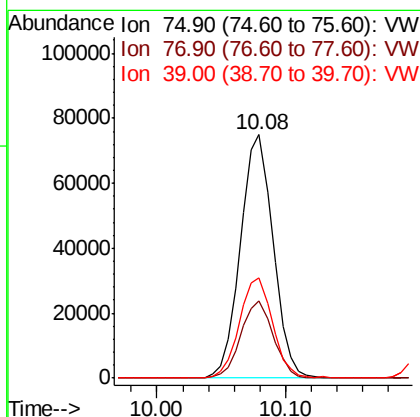
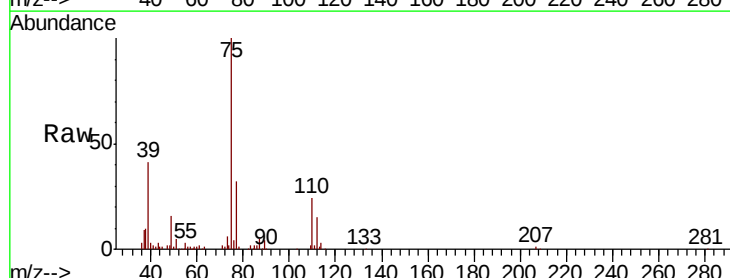
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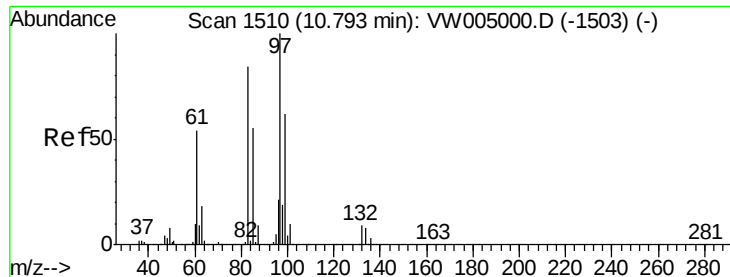
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#54
 cis-1,3-Dichloropropene
 Concen: 20.133 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion: 75 Resp: 131646
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 40.8 32.9 49.3





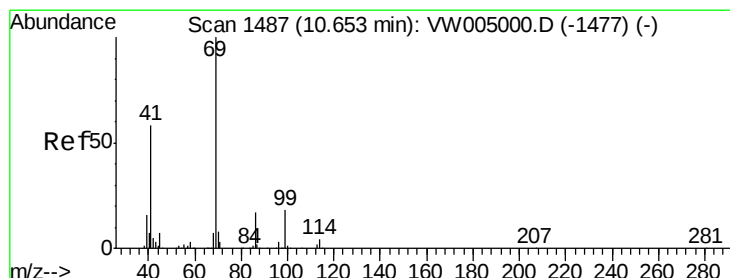
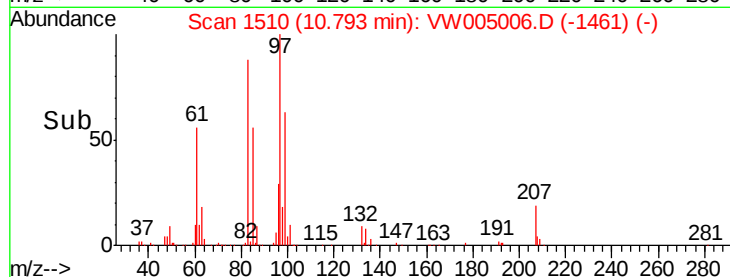
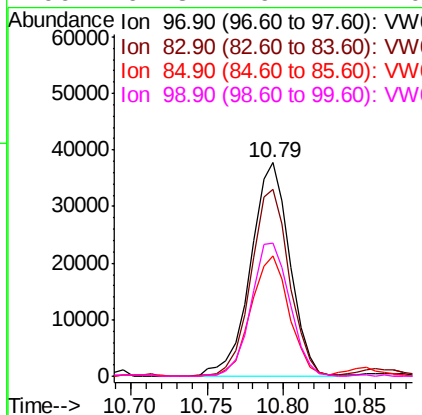
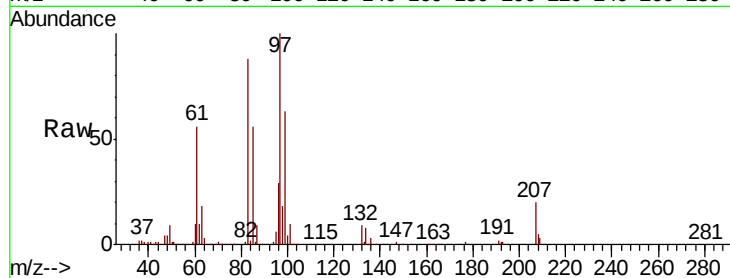
#55
 1,1,2-Trichloroethane
 Concen: 19.352 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		67308		
83	87.5	67.3	100.9		
85	56.4	44.3	66.5		
99	62.3	49.4	74.0		

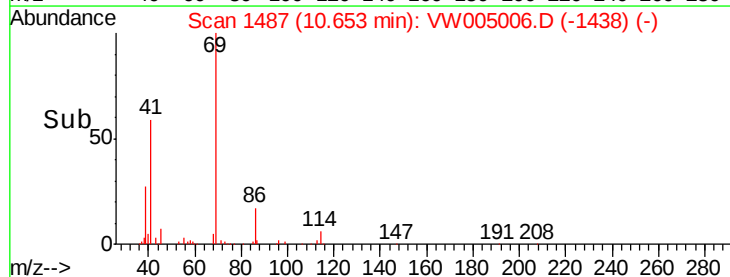
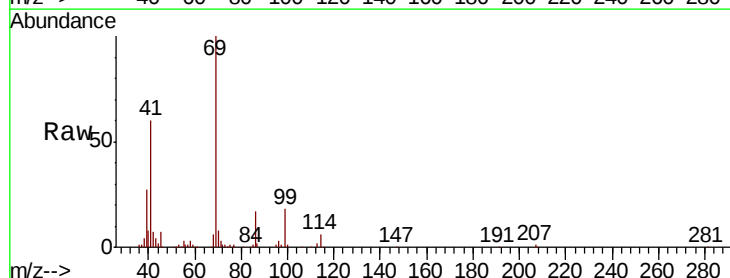
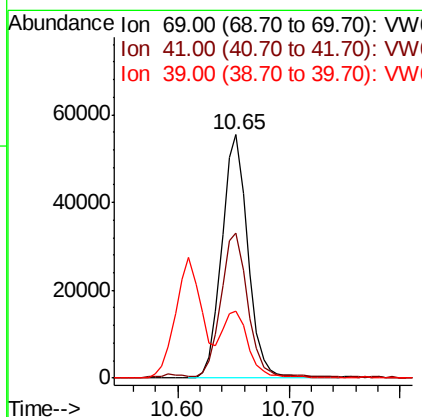
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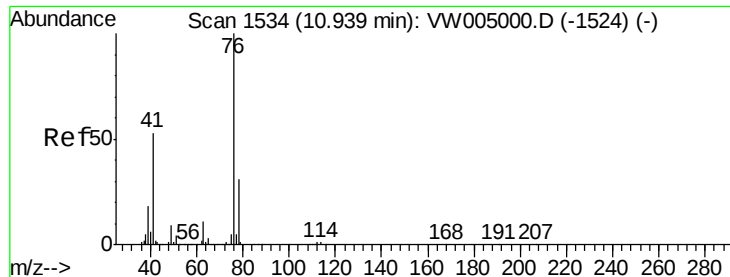
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#56
 Ethyl methacrylate
 Concen: 19.693 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		89841		
41	60.7	47.7	71.5		
39	26.4	21.0	31.6		





#57

1,3-Dichloropropane

Concen: 19.622 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 76 Resp: 112304

Ion Ratio Lower Upper

76 100

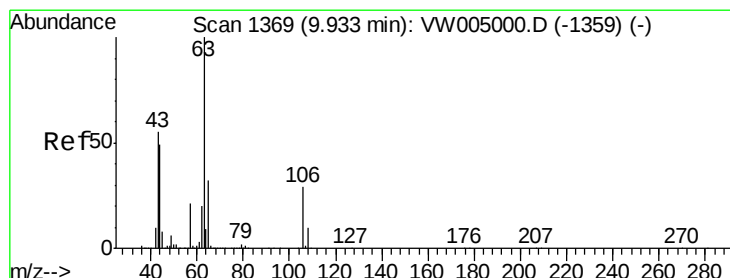
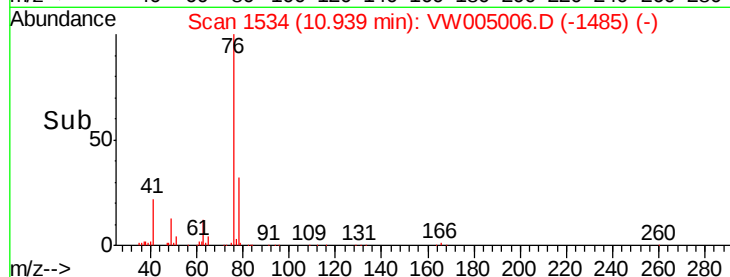
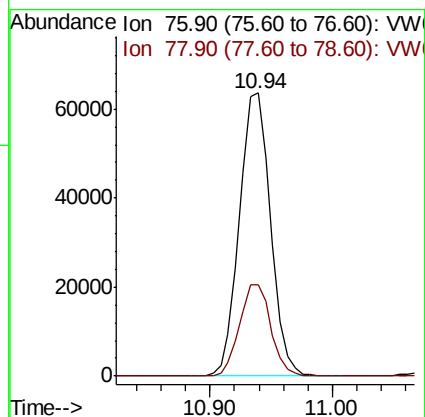
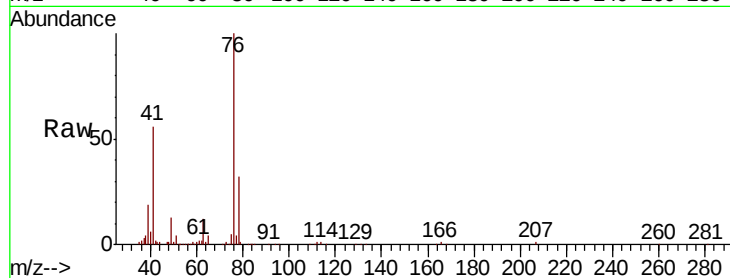
78 32.4 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 95.085 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005006.D

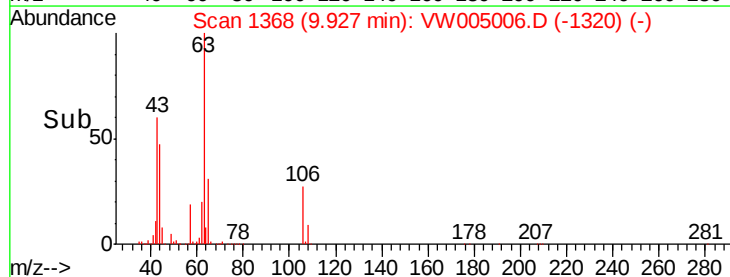
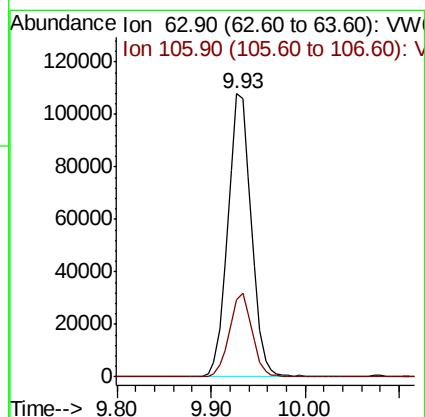
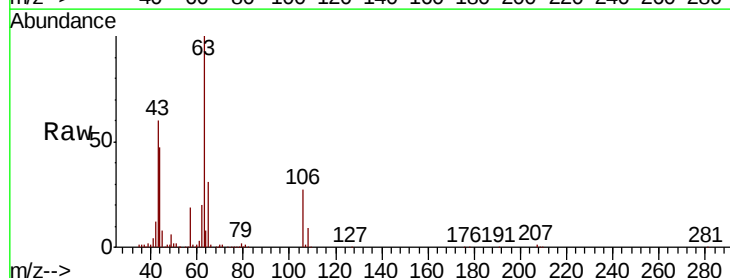
Acq: 29 Aug 2018 16:28

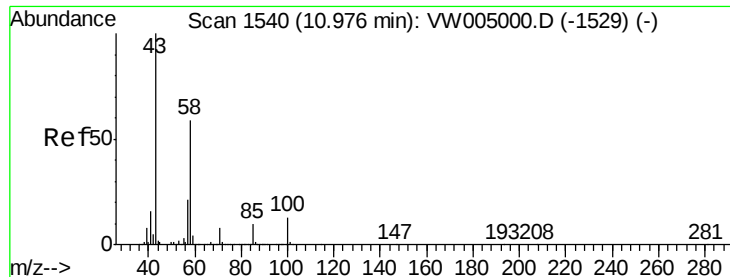
Tgt Ion: 63 Resp: 186886

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





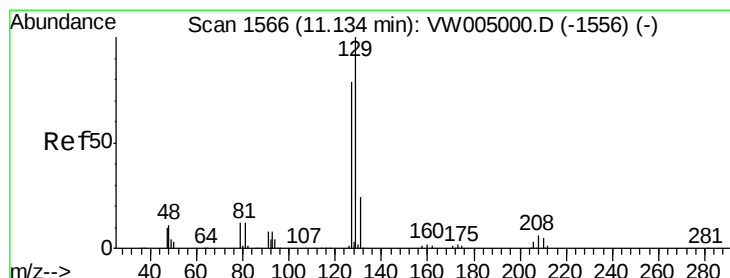
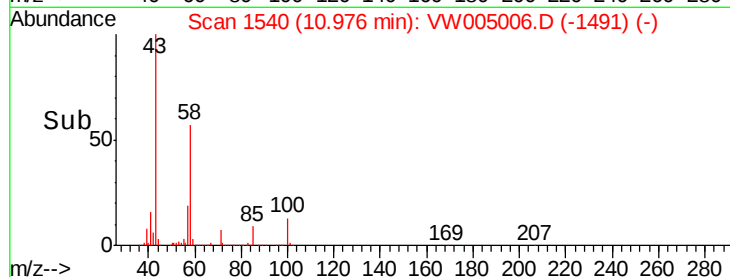
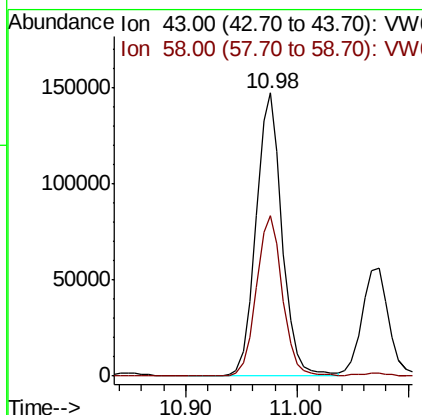
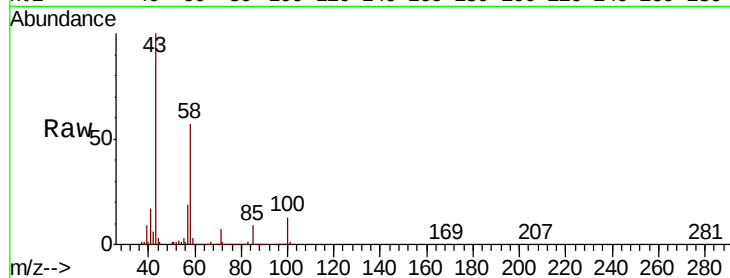
#59
2-Hexanone
Concen: 100.605 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	43	Resp	239871
Ion Ratio	100	Lower	Upper
43	100		
58	56.8	29.2	87.6

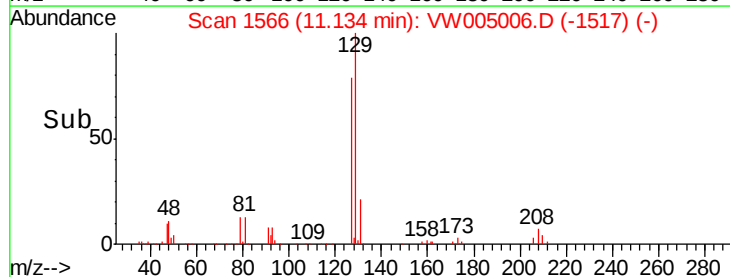
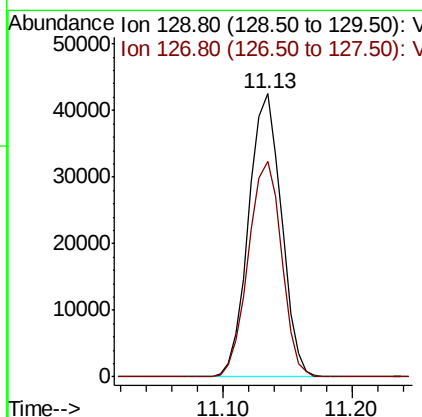
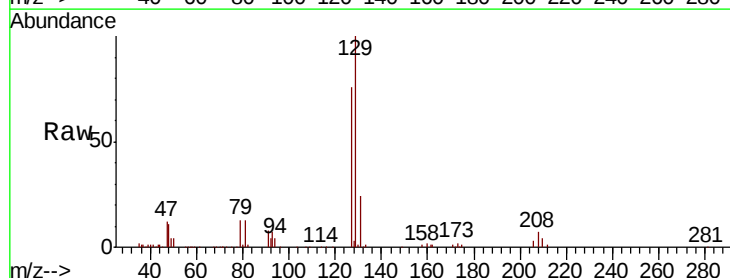
Manual Integrations
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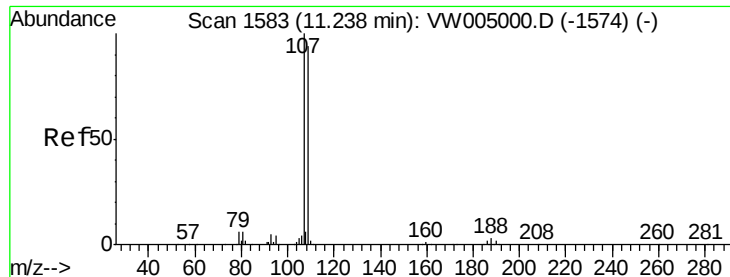
apatel
8/30/2018 12:43:57 PM



#60
Dibromochloromethane
Concen: 19.581 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	129	Resp	74745
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.3	114.8





#61

1,2-Dibromoethane

Concen: 19.297 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 107 Resp: 62923

Ion Ratio Lower Upper

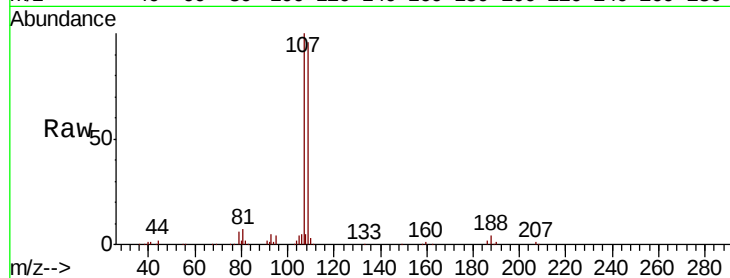
107 100

109 95.7 75.2 112.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

40000

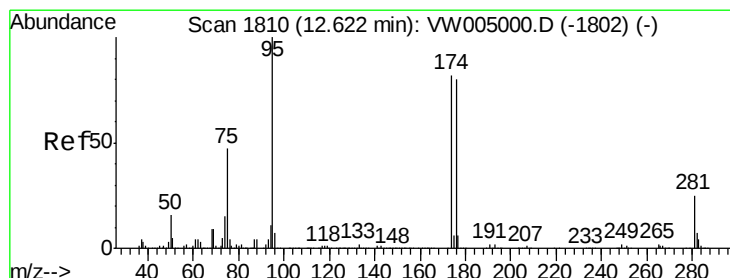
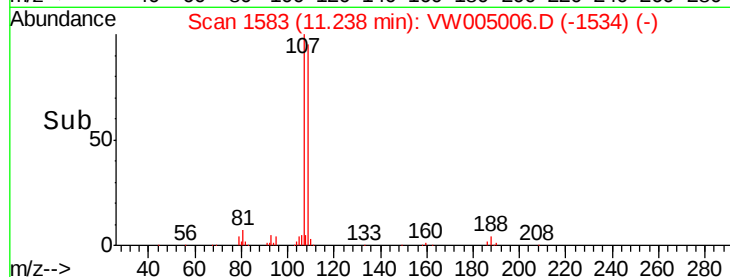
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.477 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

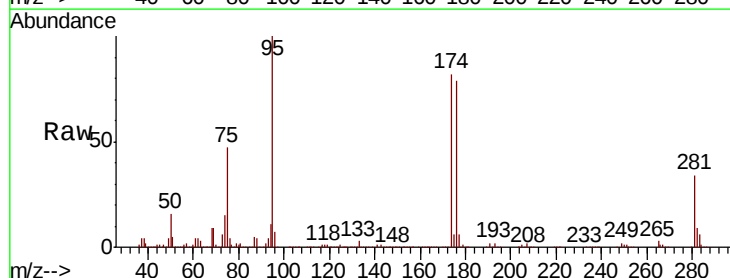
Tgt Ion: 95 Resp: 376615

Ion Ratio Lower Upper

95 100

174 86.0 0.0 173.4

176 82.9 0.0 167.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

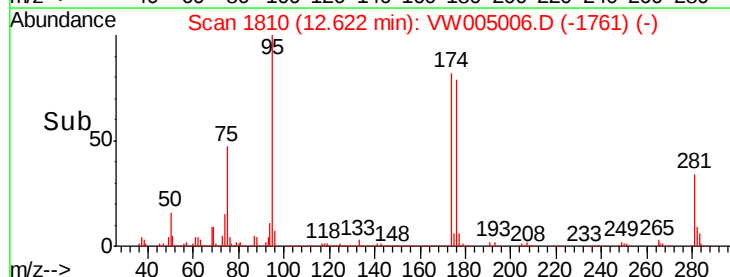
150000

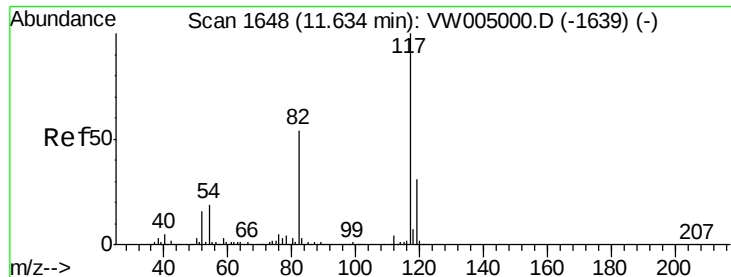
100000

50000

0

Time-->





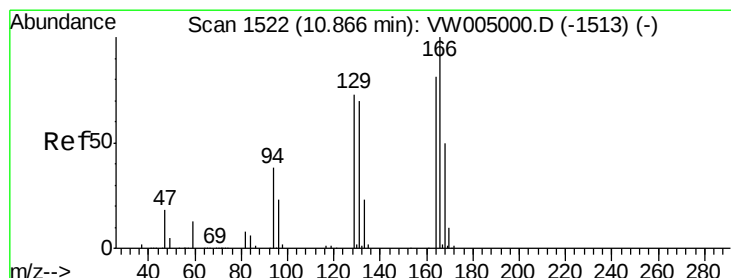
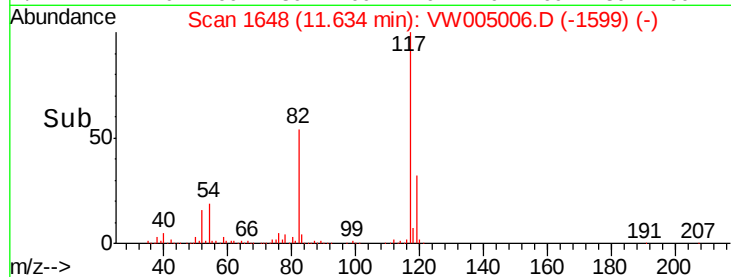
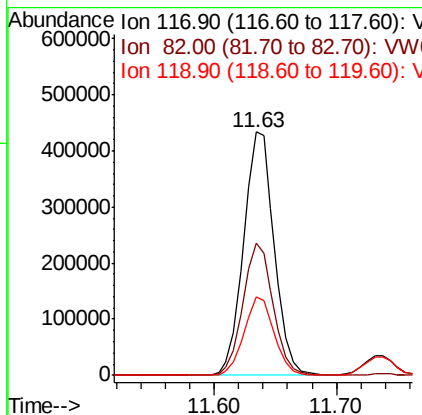
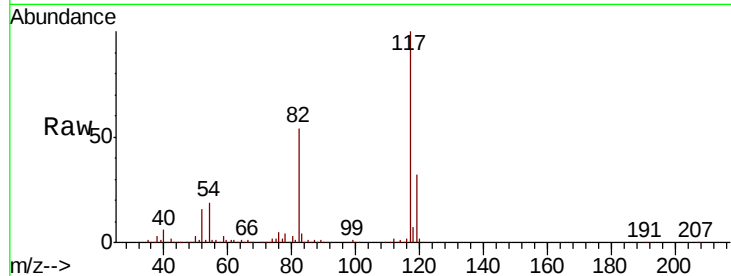
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	751887		
82	54.3		43.3	64.9
119	32.2		25.0	37.6

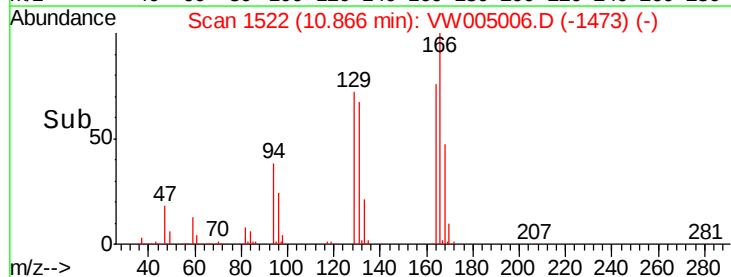
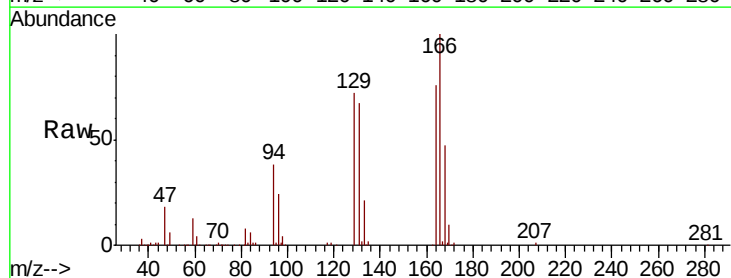
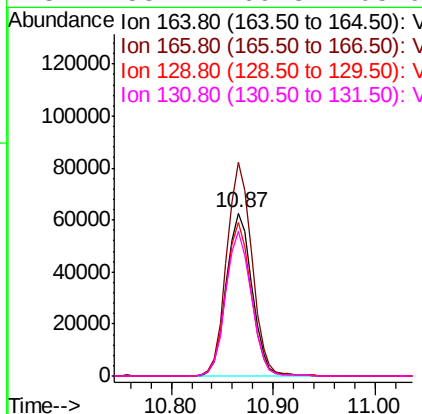
Manual Integrations
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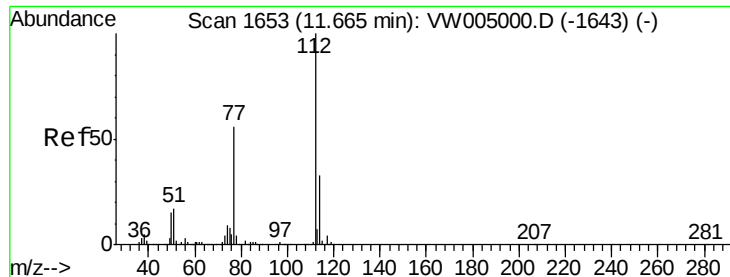
apatel
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#64
Tetrachloroethene
Concen: 19.983 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109548		
166	131.0		99.4	149.0
129	94.3		72.2	108.2
131	88.4		69.3	103.9





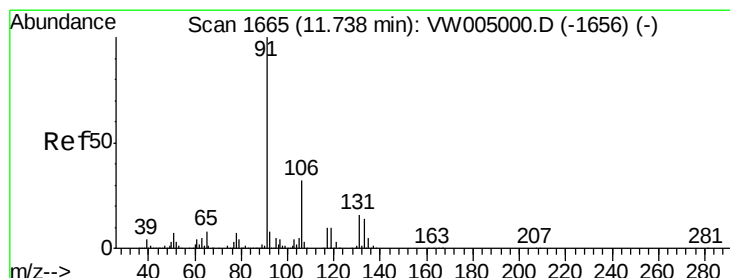
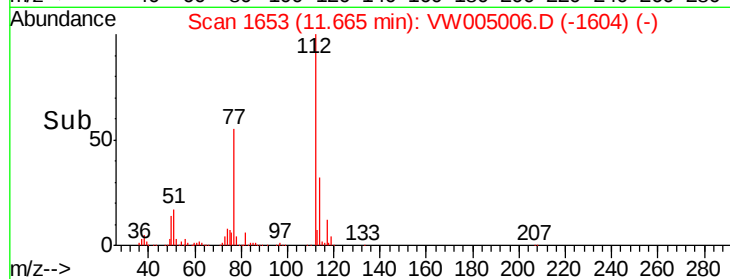
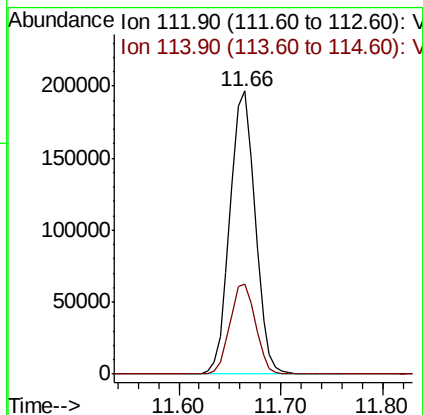
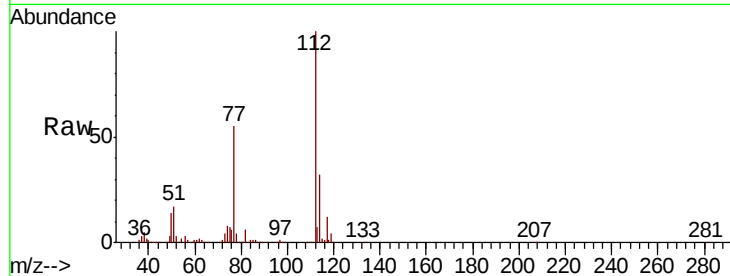
#65
Chlorobenzene
Concen: 20.379 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1

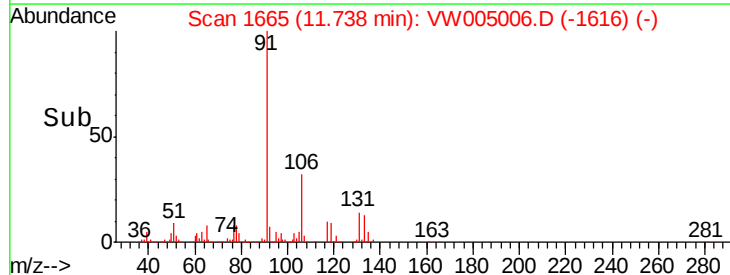
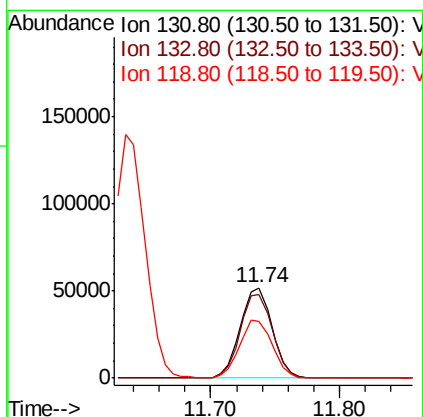
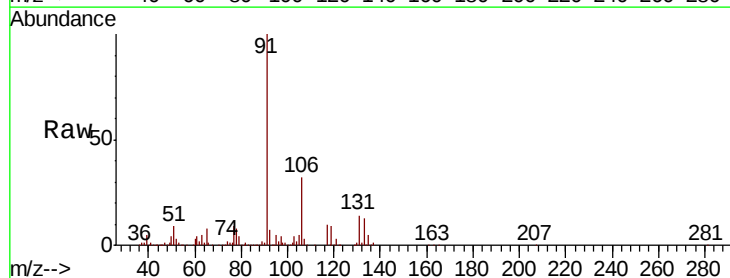
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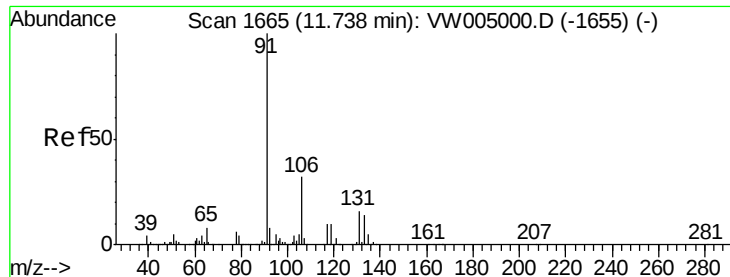
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	66.2	33.1	99.3





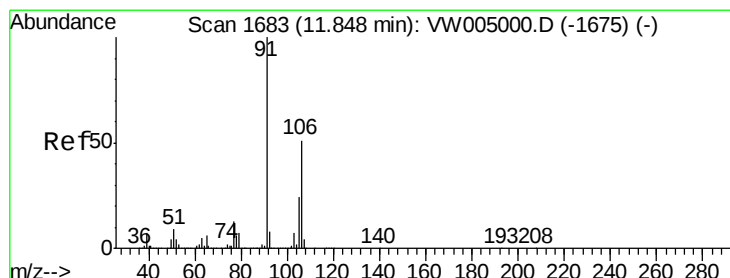
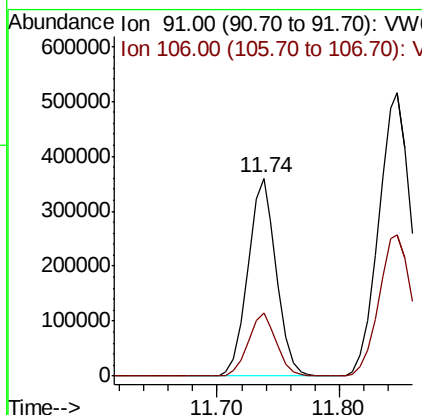
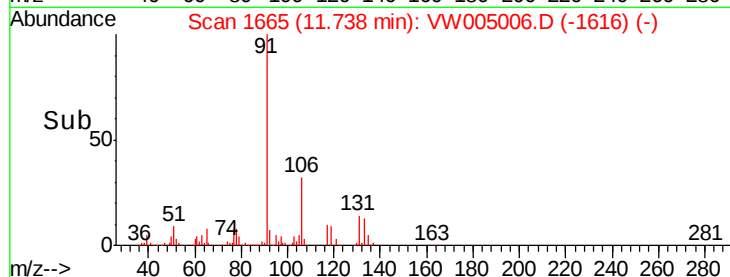
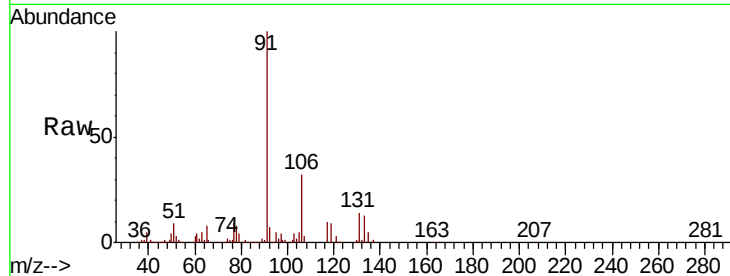
#67
Ethyl Benzene
Concen: 20.458 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion: 91 Resp: 578681
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

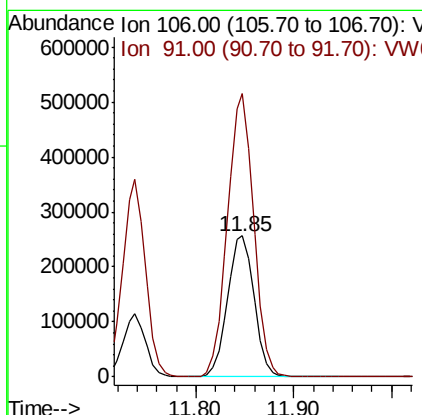
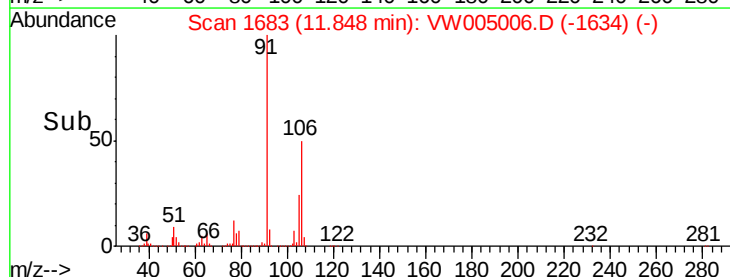
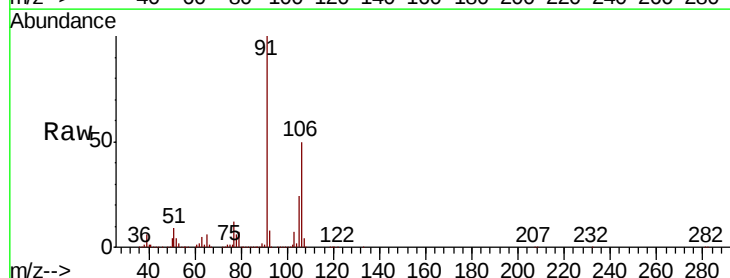
Manual Integrations
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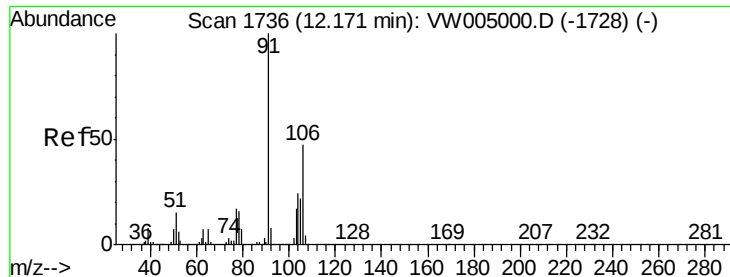
apatel
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#68
m/p-Xylenes
Concen: 41.861 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion: 106 Resp: 482949
Ion Ratio Lower Upper
106 100
91 197.7 158.4 237.6





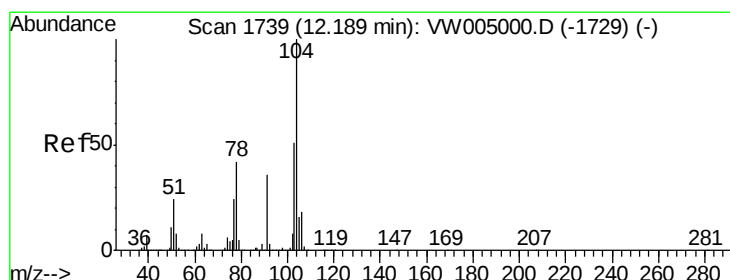
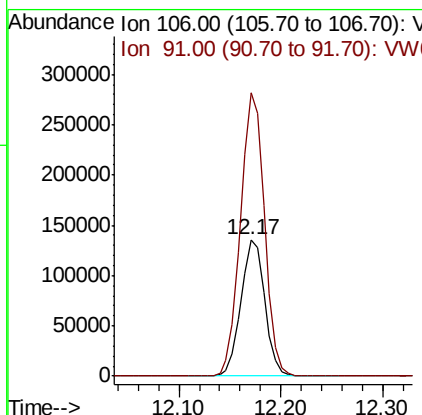
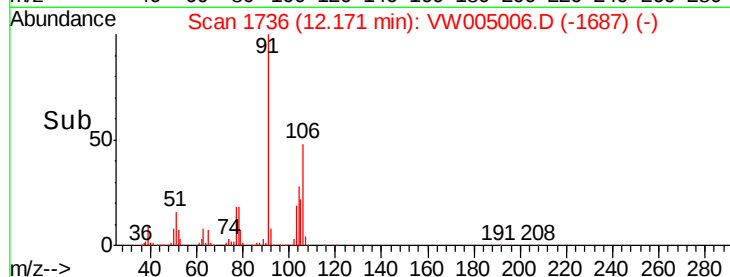
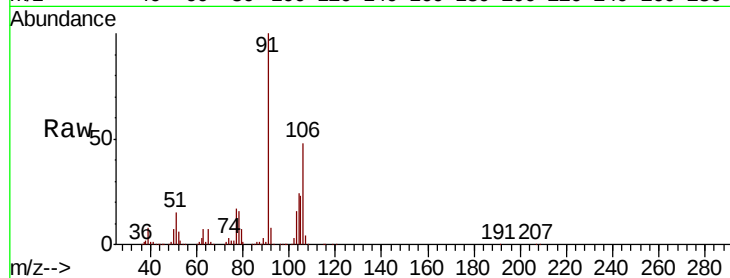
#69
o-Xylene
Concen: 20.743 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	218672		
91	91	209.1	104.4	313.1	

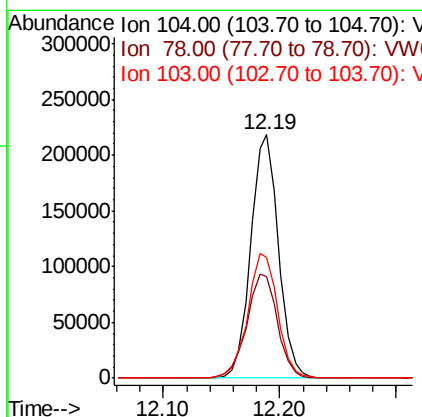
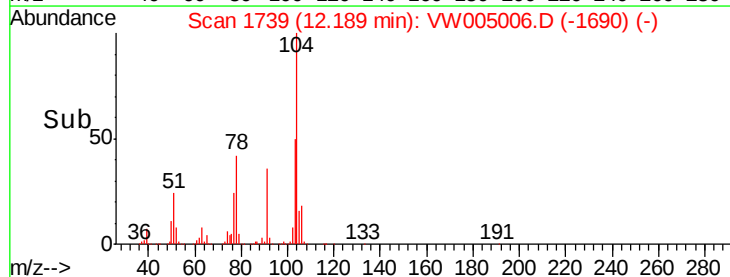
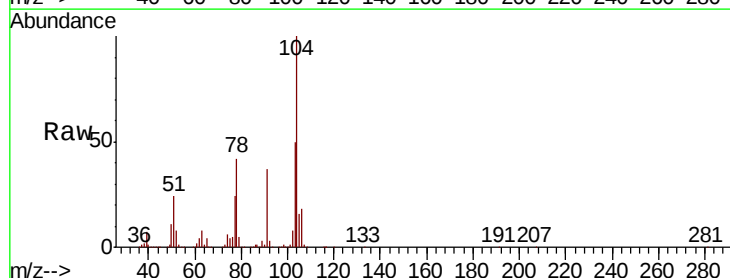
Manual Integrations
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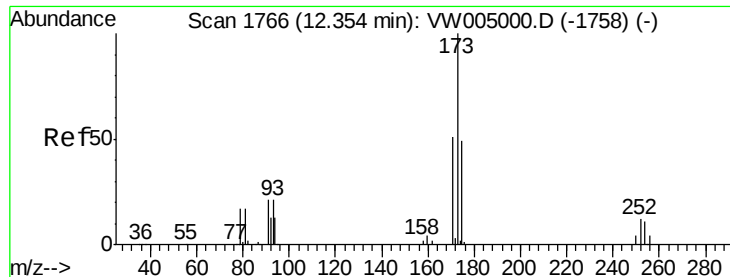
apatel
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#70
Styrene
Concen: 20.685 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	361721		
78	78	47.2	37.6	56.4	
103	103	55.3	43.9	65.9	





#71

Bromoform

Concen: 18.956 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

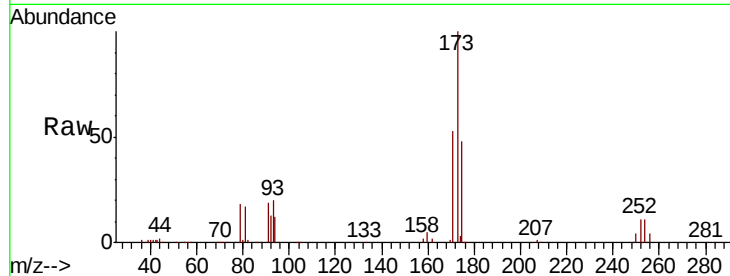
ClientSampleId :

VW0829SBS01

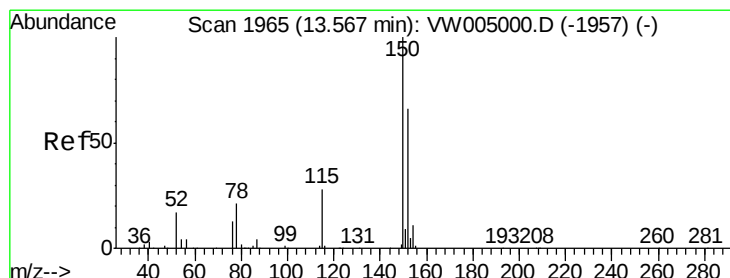
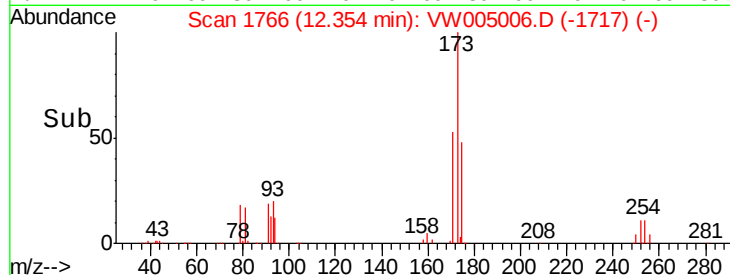
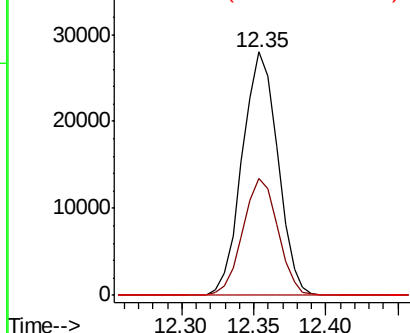
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.3	73.0
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

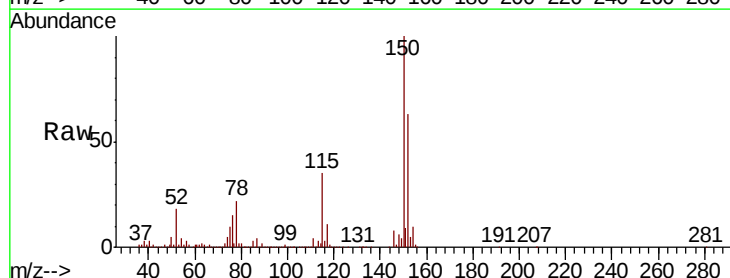
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

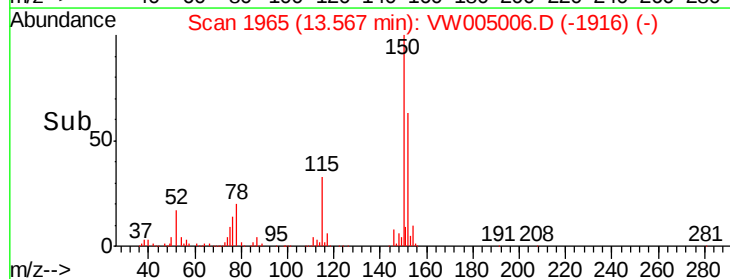
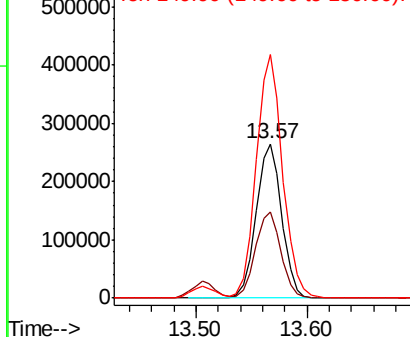
Lab File: VW005006.D

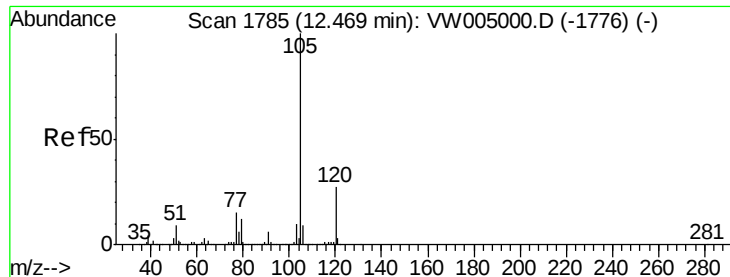
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	83.9
150	163.6	0.0	347.2



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: 20.956 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 105 Resp: 587678

Ion Ratio Lower Upper

105 100

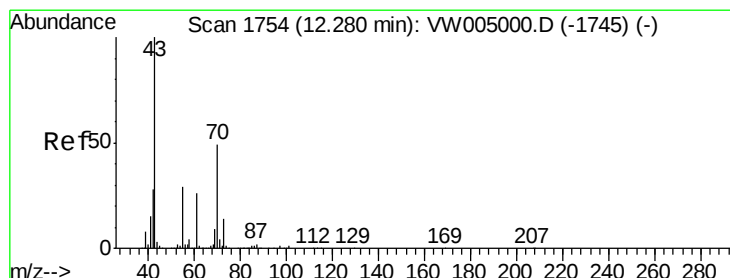
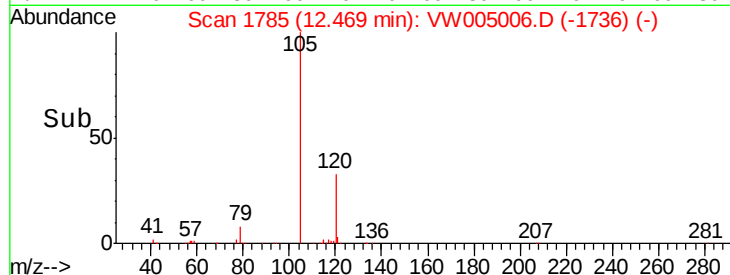
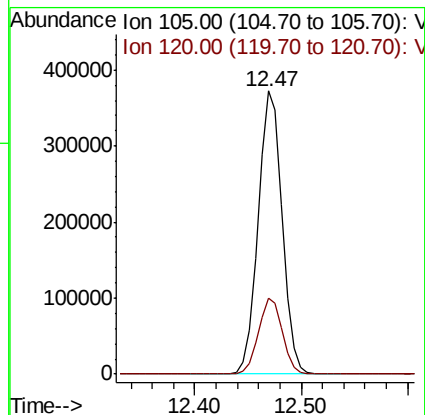
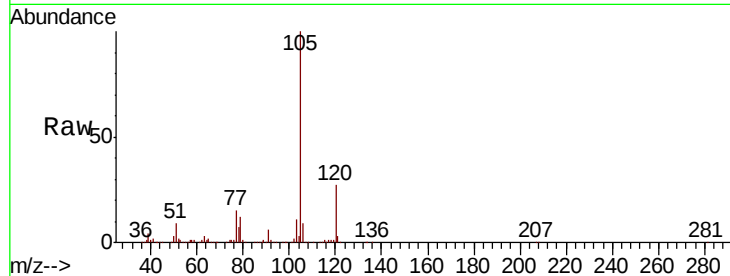
120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.116 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion: 43 Resp: 106455

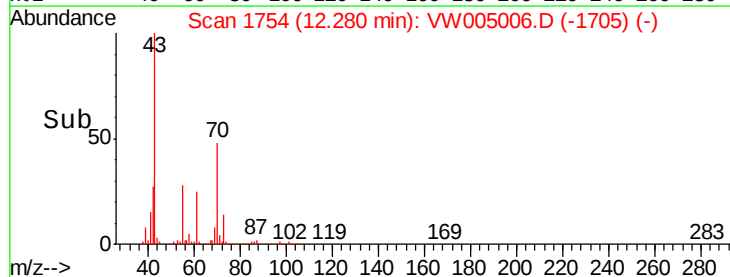
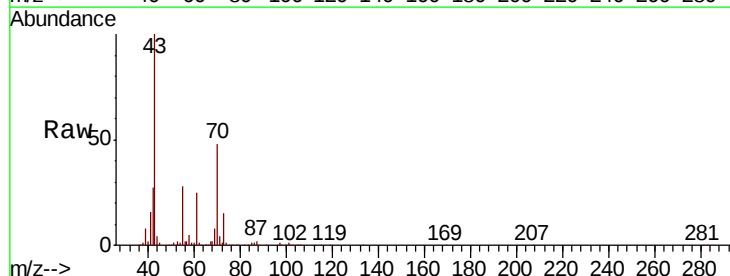
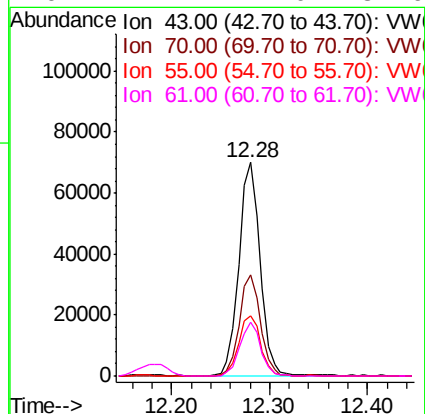
Ion Ratio Lower Upper

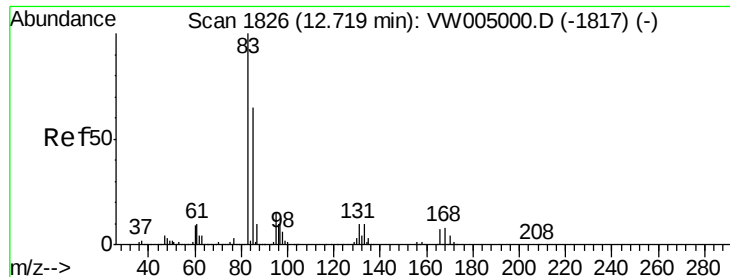
43 100

70 46.7 38.6 57.8

55 29.2 23.6 35.4

61 24.7 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.650 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

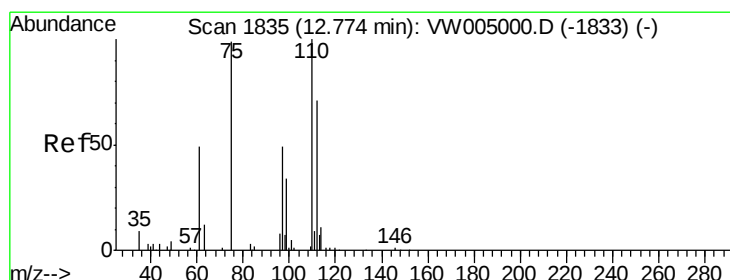
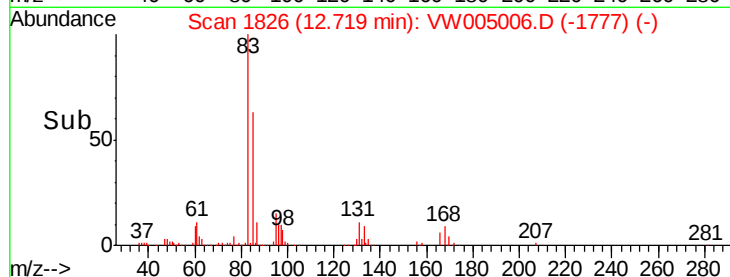
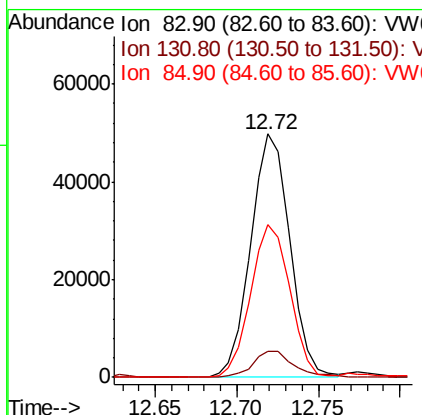
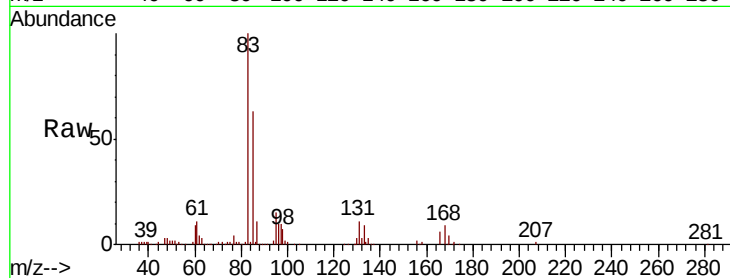
ClientSampleId :

VW0829SBS01

Tot Ion:	83	Resp:	83432
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	62.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.226 ug/l m

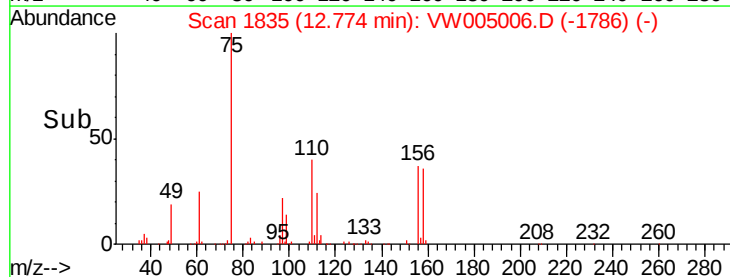
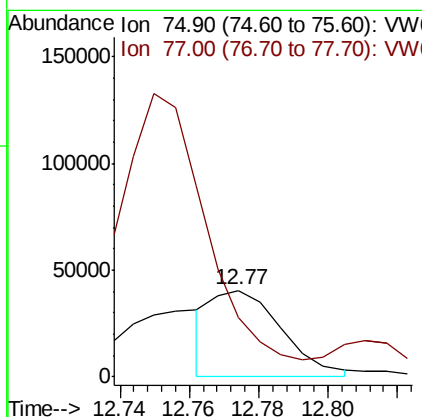
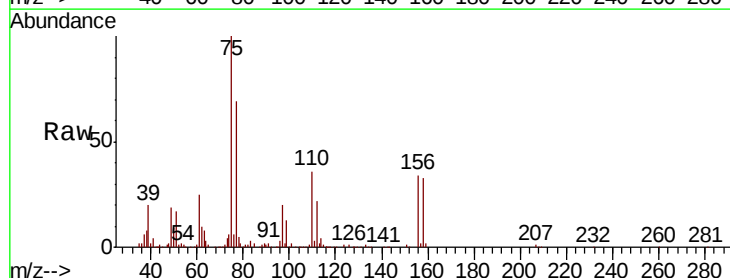
RT: 12.77 min Scan# 1835

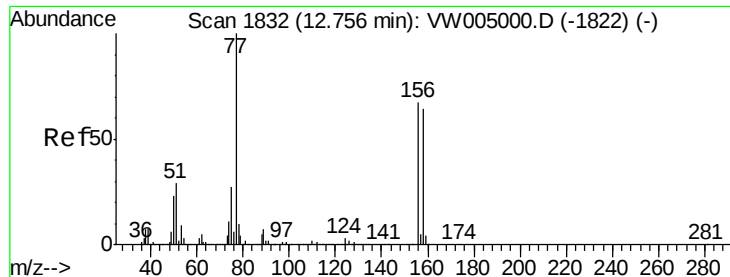
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	75	Resp:	57284
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.527 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

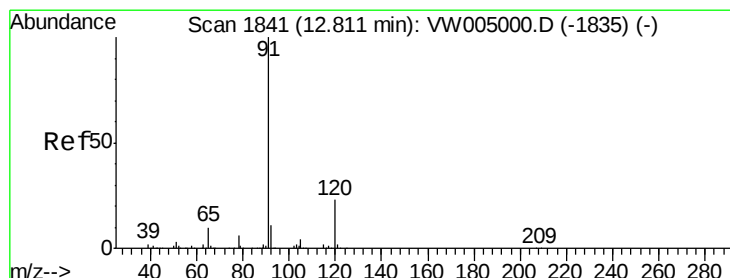
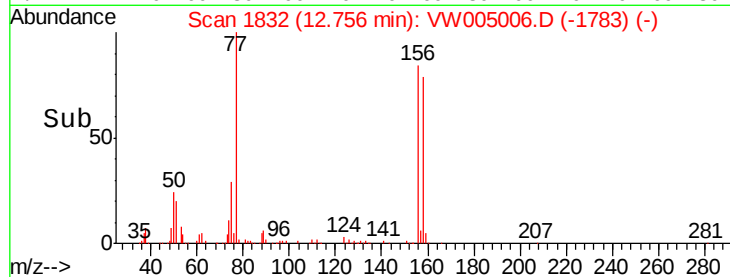
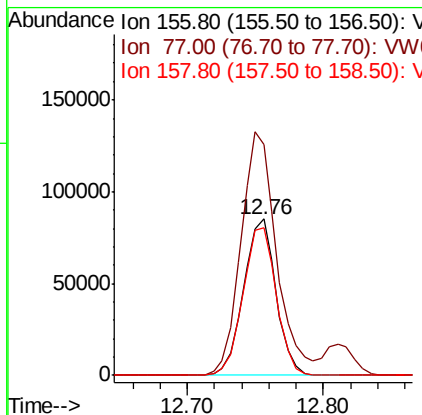
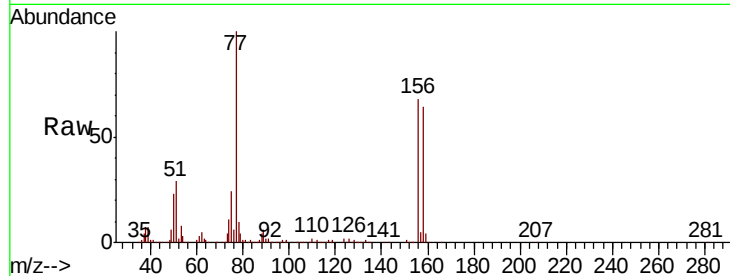
ClientSampleId :

VW0829SBS01

Tot Ion:	156	Resp:	141236
Ion Ratio	Lower	Upper	
156	100		
77	171.6	86.9	260.6
158	97.3	48.6	145.9

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#78

n-propylbenzene

Concen: 21.157 ug/l

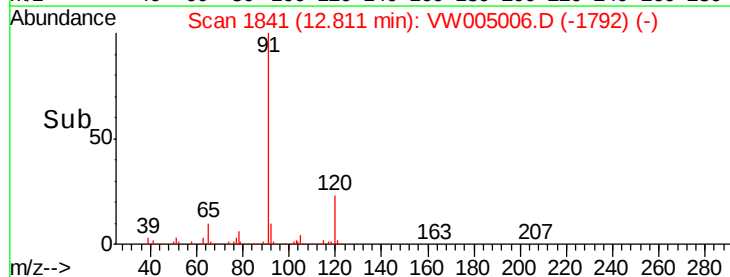
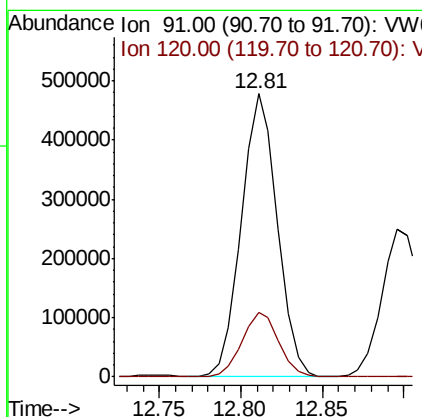
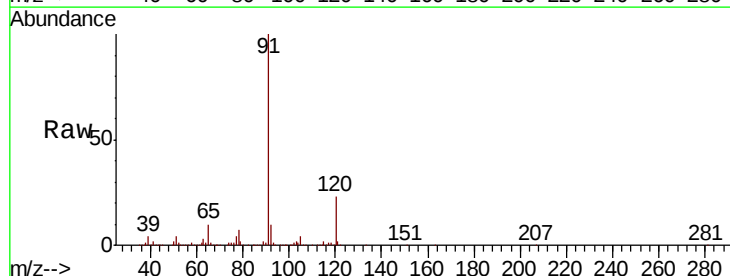
RT: 12.81 min Scan# 1841

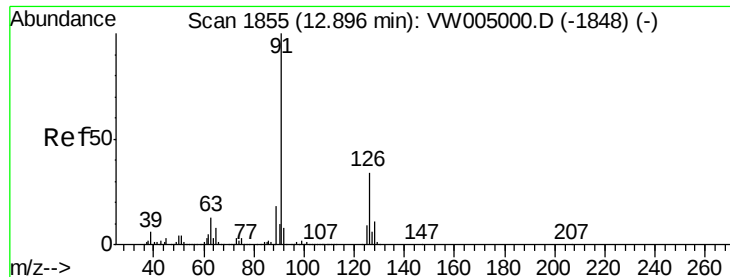
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	91	Resp:	731845
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.828 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tot Ion: 91 Resp: 416104

Ion Ratio Lower Upper

91 100

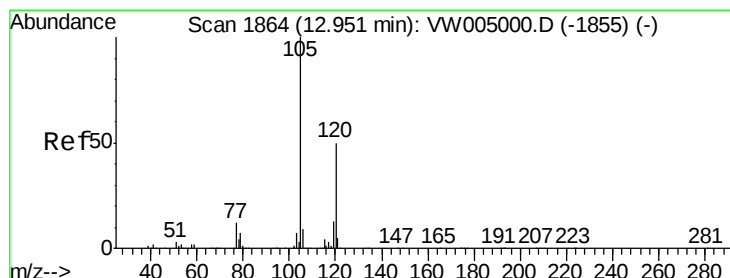
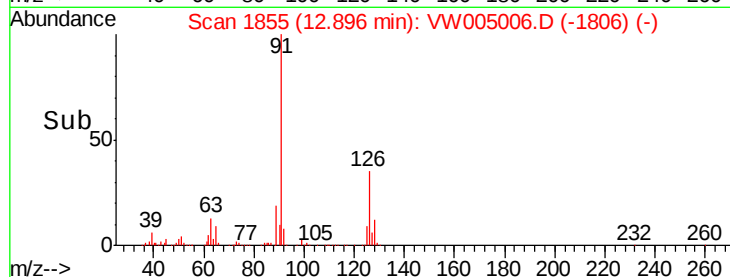
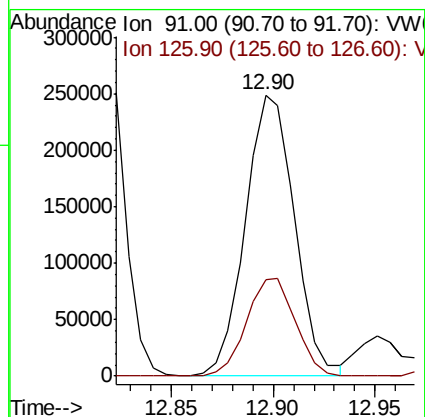
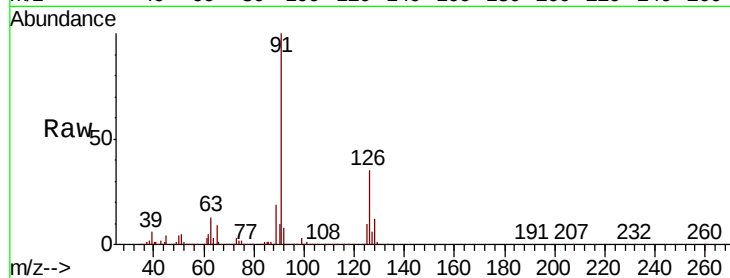
126 34.8 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.054 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005006.D

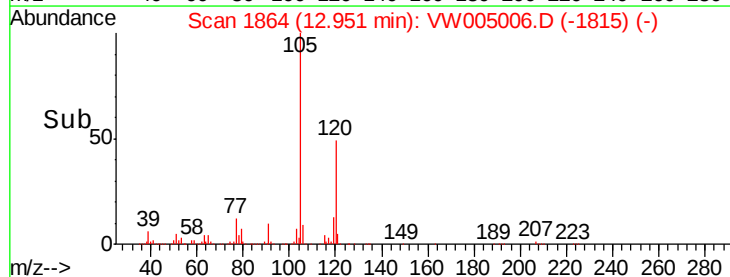
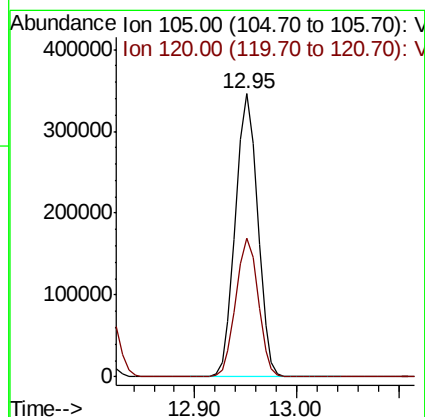
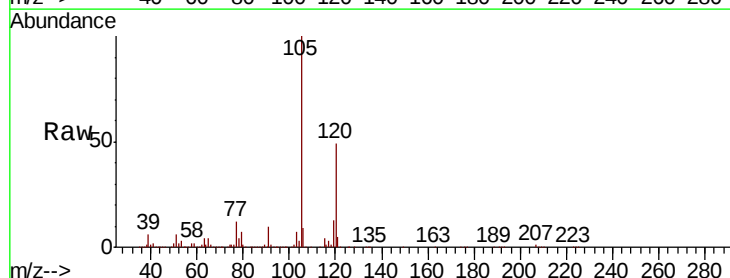
Acq: 29 Aug 2018 16:28

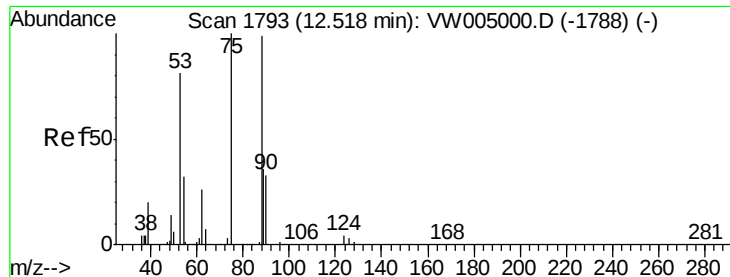
Tgt Ion:105 Resp: 521645

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.768 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Instrument :

MSVOA_W

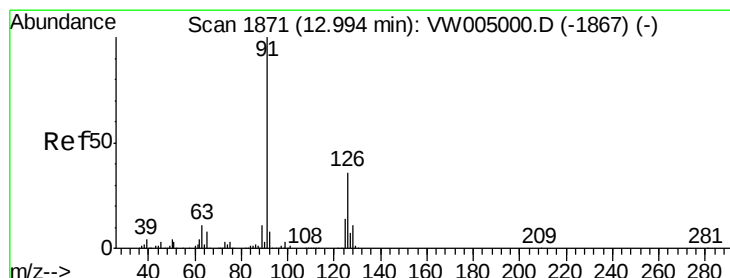
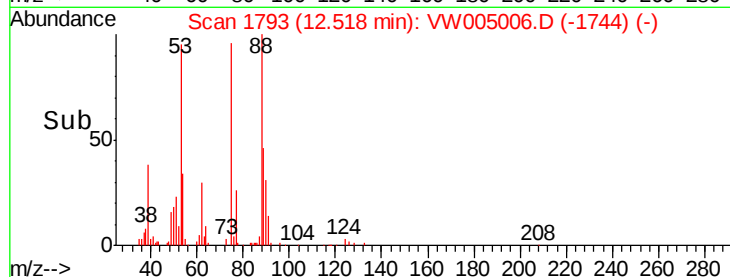
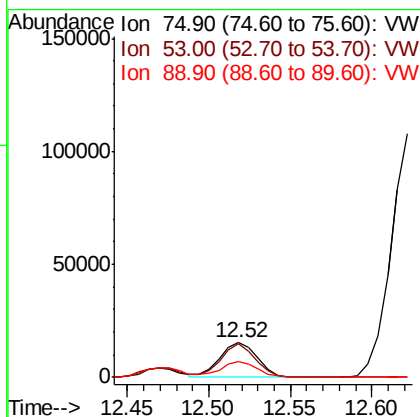
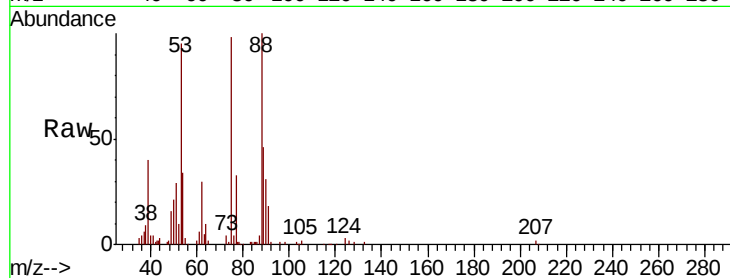
ClientSampleId :

VW0829SBS01

Tot Ion:	75	Resp:	24742
Ion Ratio	Lower	Upper	
75	100		
53	90.0	67.4	101.2
89	45.0	35.0	52.6

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#82

4-Chlorotoluene

Concen: 20.717 ug/l

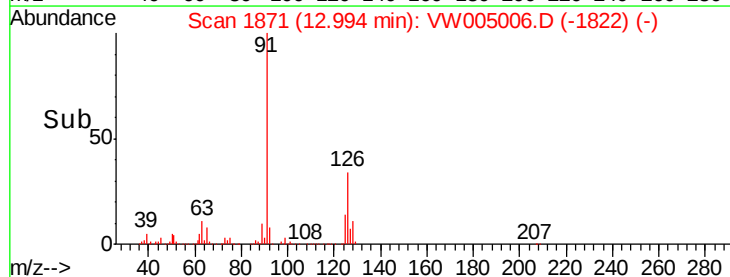
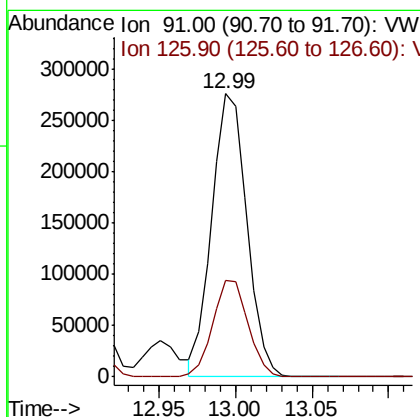
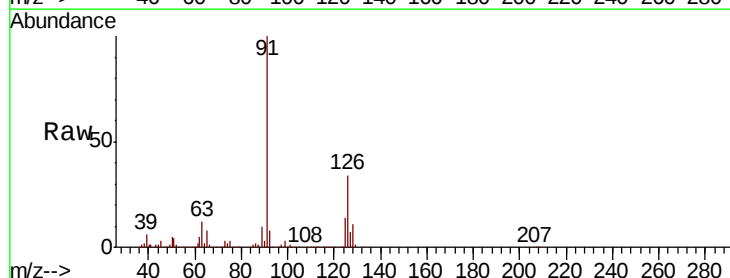
RT: 12.99 min Scan# 1871

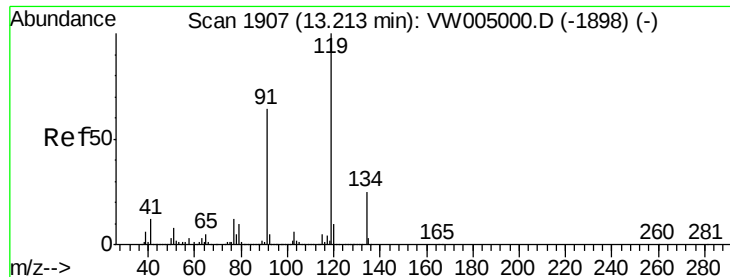
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion:	91	Resp:	440986
Ion Ratio	Lower	Upper	
91	100		
126	34.6	17.5	52.5





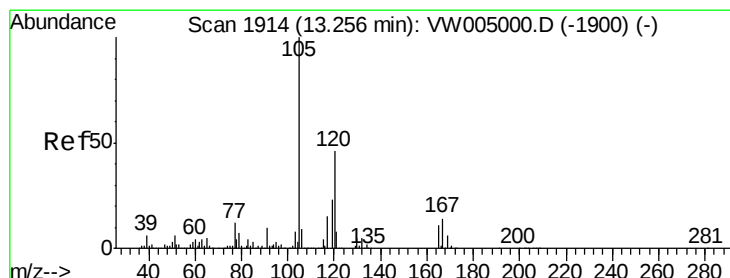
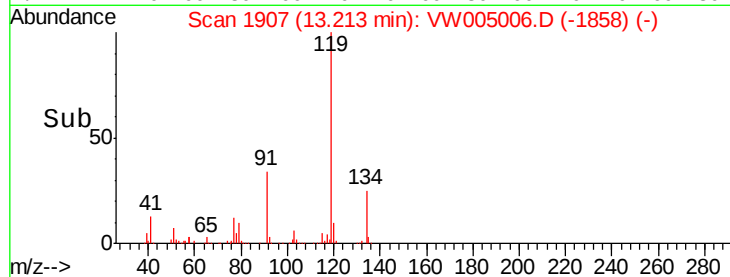
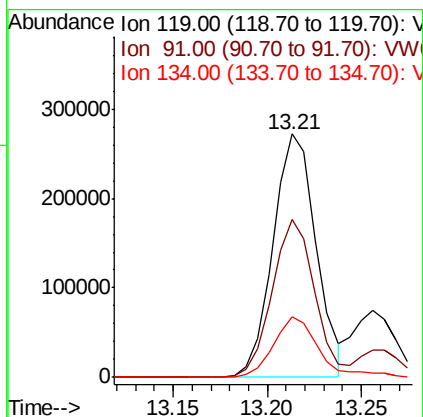
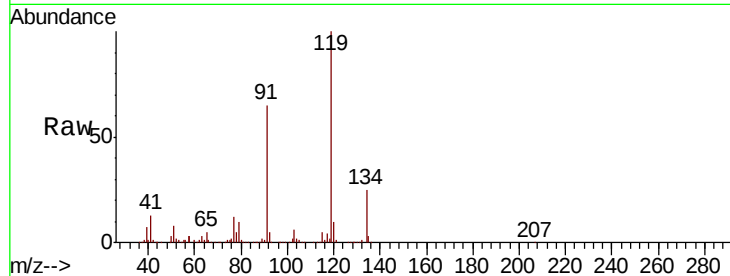
#83
tert-Butylbenzene
Concen: 20.752 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	31.9	95.5
134	26.1	13.2	39.5

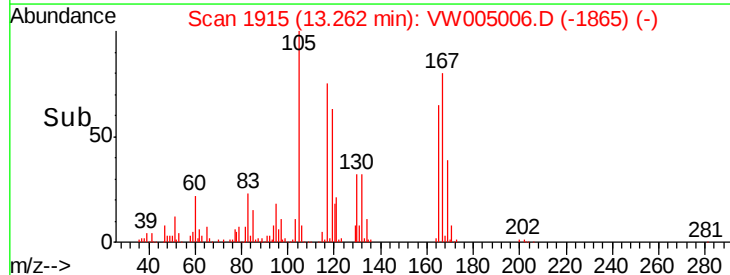
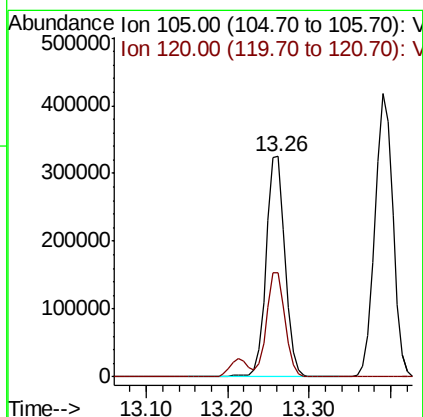
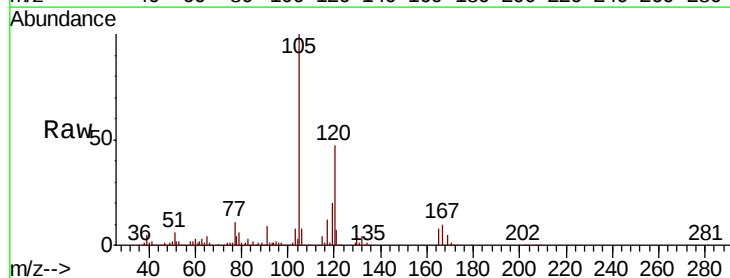
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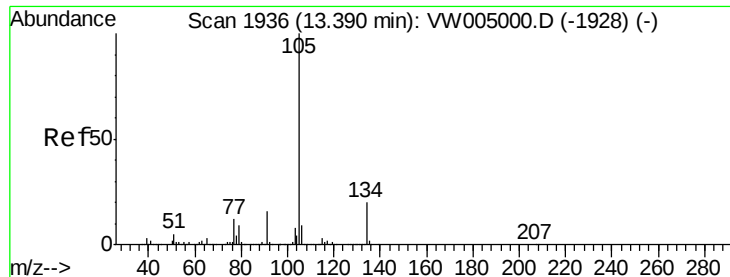
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#84
1,2,4-Trimethylbenzene
Concen: 20.706 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.7





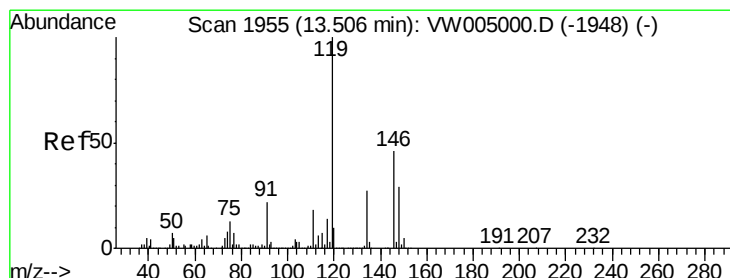
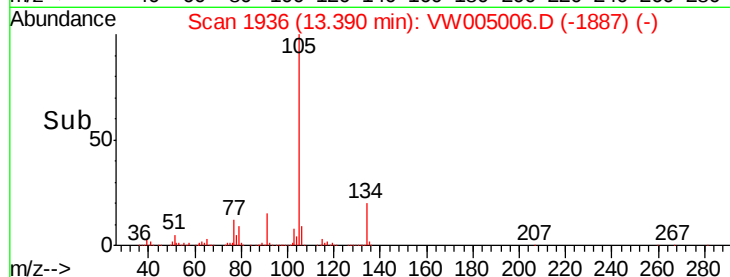
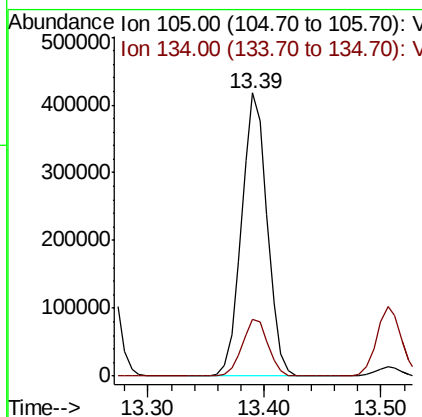
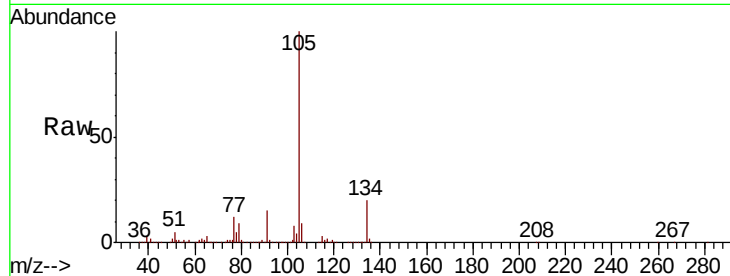
#85
 sec-Butylbenzene
 Concen: 20.960 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

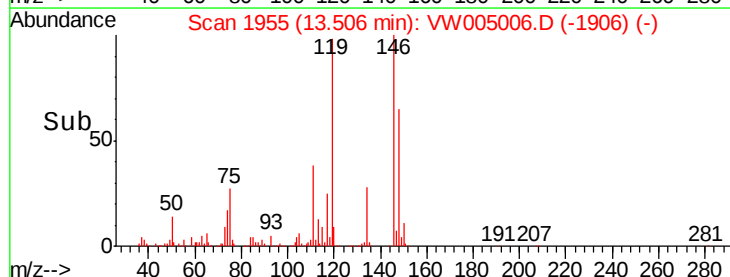
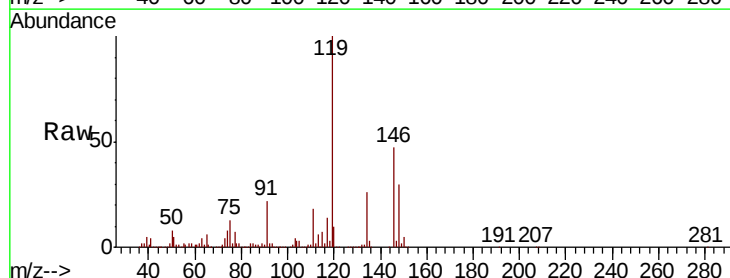
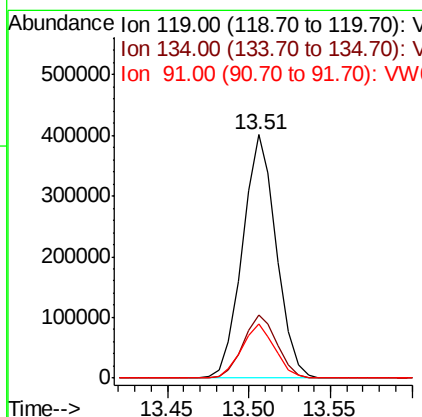
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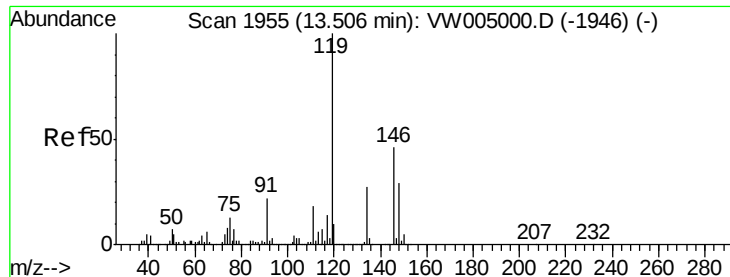
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#86
 p-Isopropyltoluene
 Concen: 21.085 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	21.8	10.9	32.9





#87

1,3-Dichlorobenzene

Concen: 20.383 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005006.D

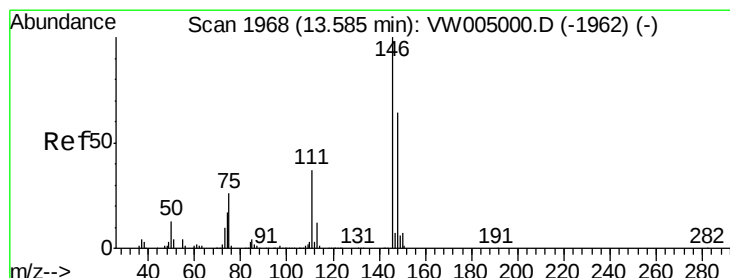
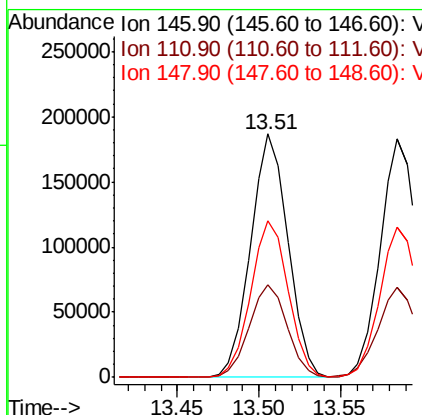
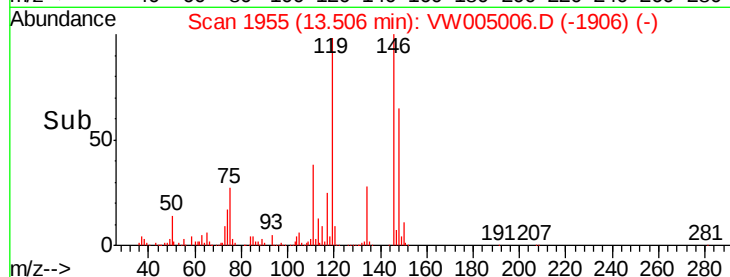
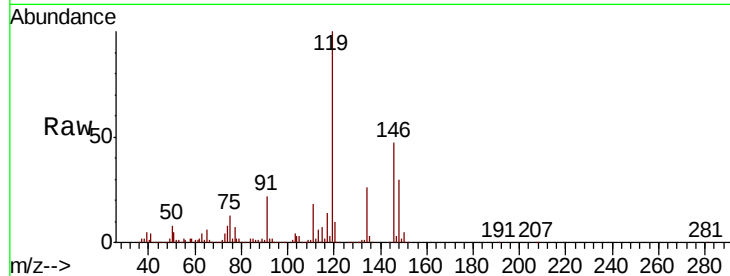
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.5	31.6	94.7

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#88

1,4-Dichlorobenzene

Concen: 20.190 ug/l

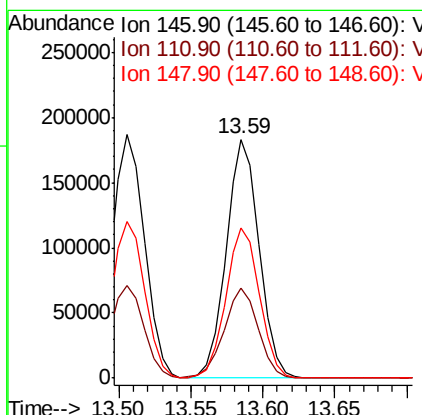
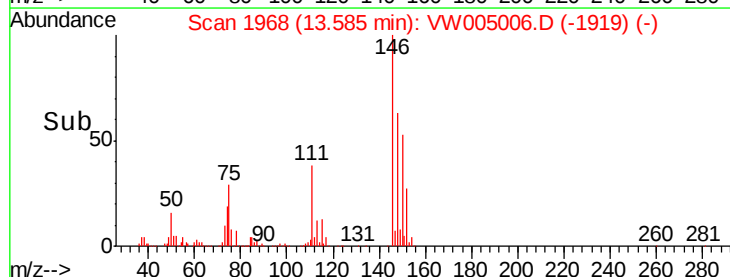
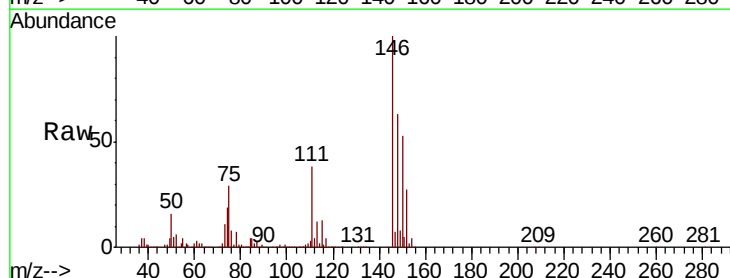
RT: 13.59 min Scan# 1968

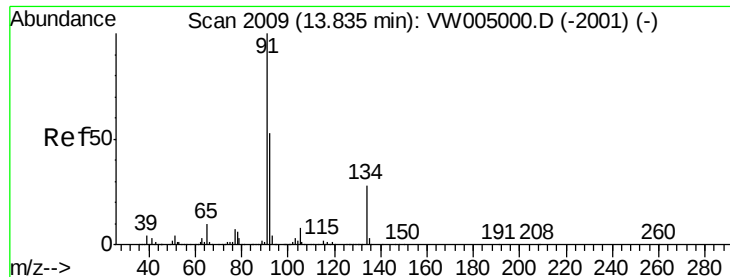
Delta R.T. -0.00 min

Lab File: VW005006.D

Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.7	56.1
148	64.6	31.7	95.1





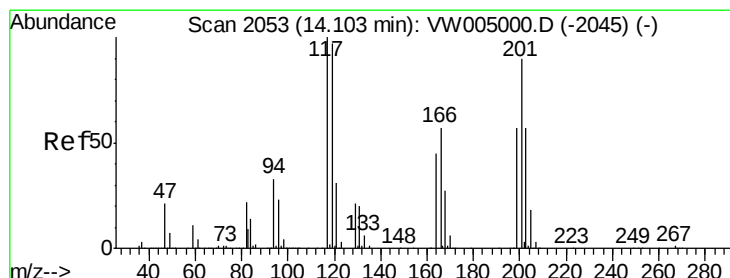
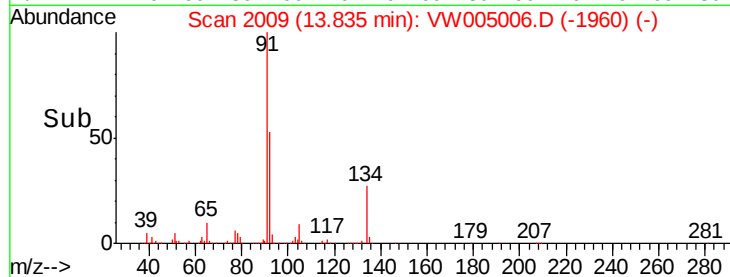
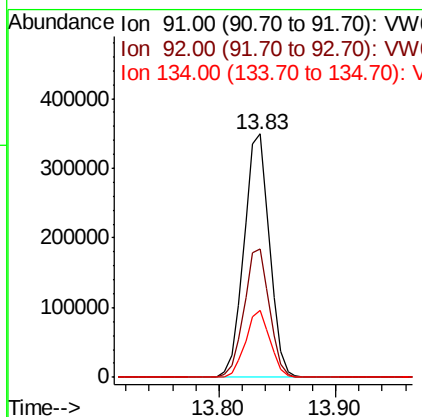
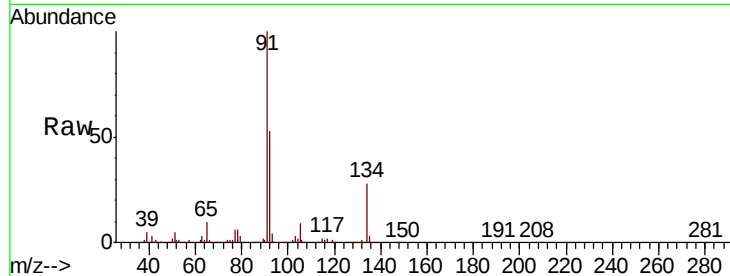
#89
n-Butylbenzene
Concen: 20.733 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.4
134	26.5	13.4	40.1

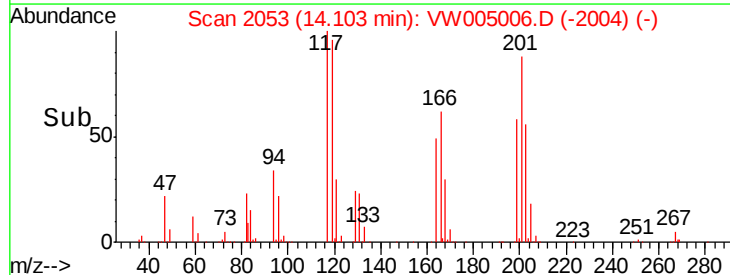
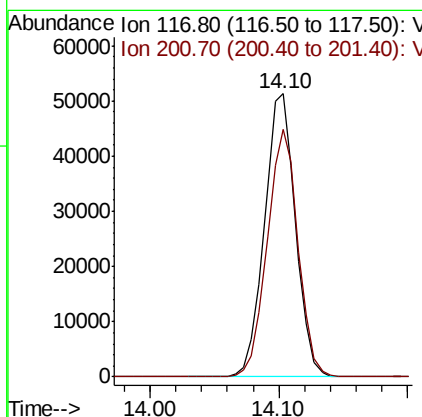
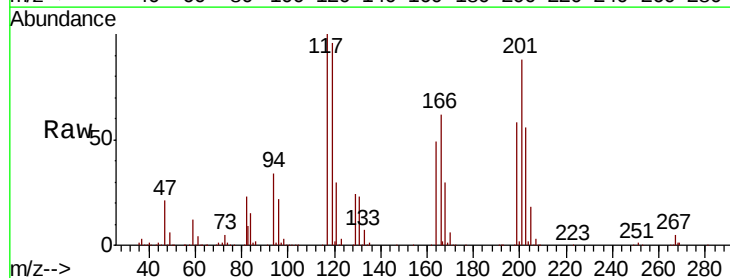
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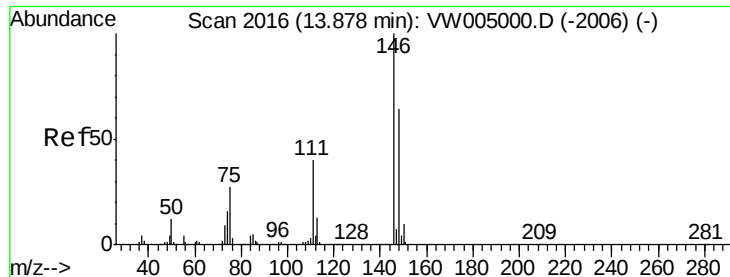
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#90
Hexachloroethane
Concen: 19.835 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	44.3	132.8





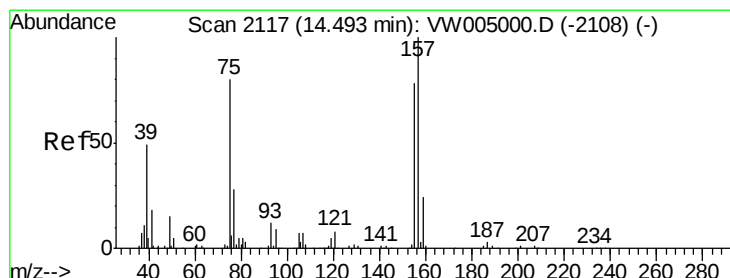
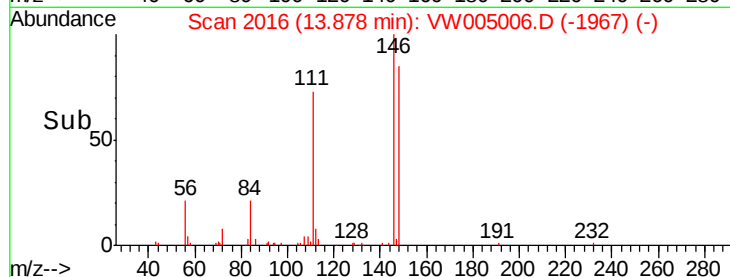
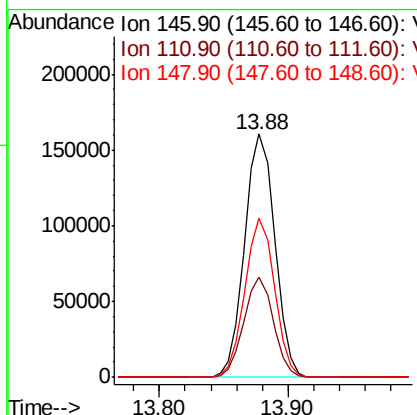
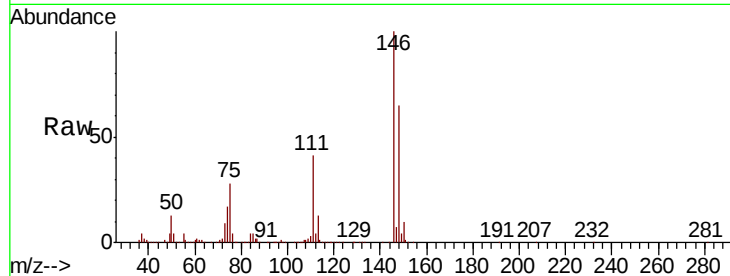
#91
 1,2-Dichlorobenzene
 Concen: 20.291 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	260540		
111	40.2	19.9	59.7	
148	64.0	31.9	95.7	

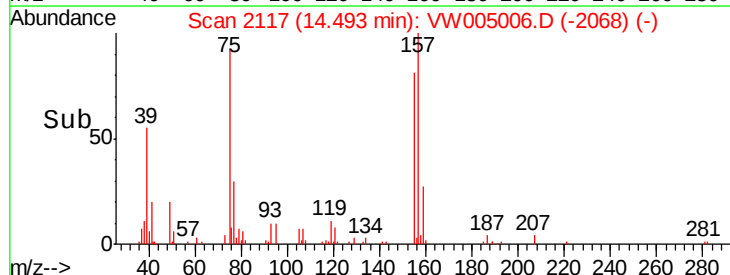
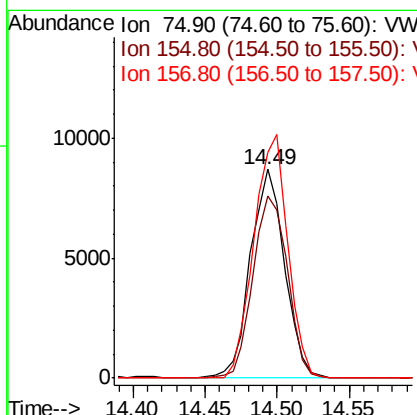
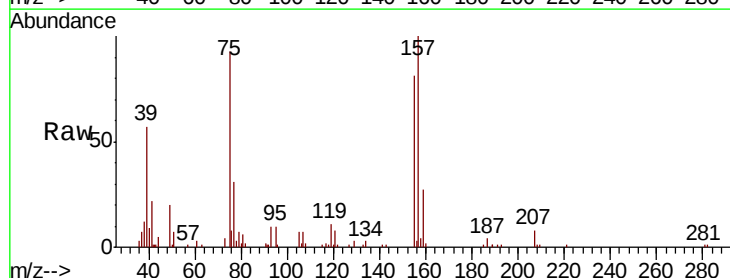
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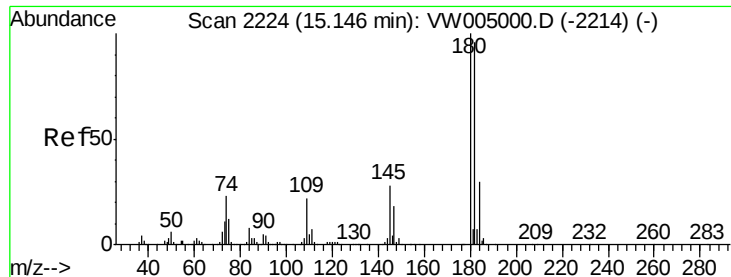
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.410 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14234		
155	88.2	46.1	138.2	
157	115.6	58.7	176.1	





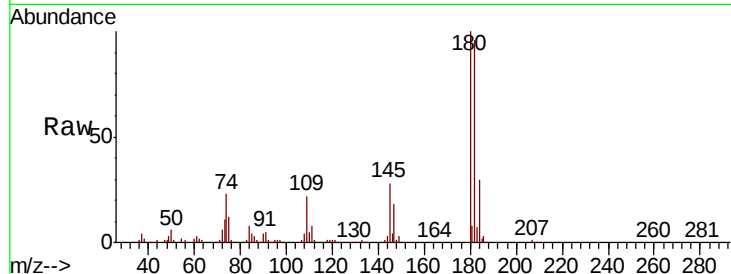
#93
 1,2,4-Trichlorobenzene
 Concen: 19.946 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179425		
182	96.5	47.6	142.8	
145	28.6	14.3	42.9	

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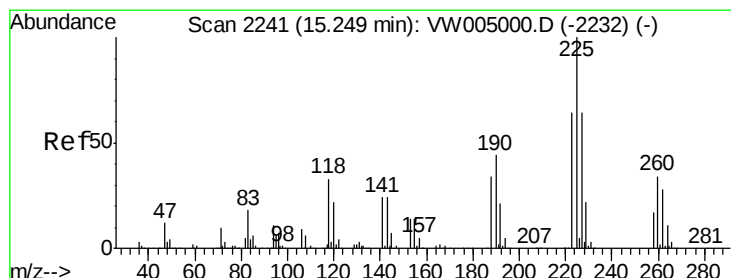
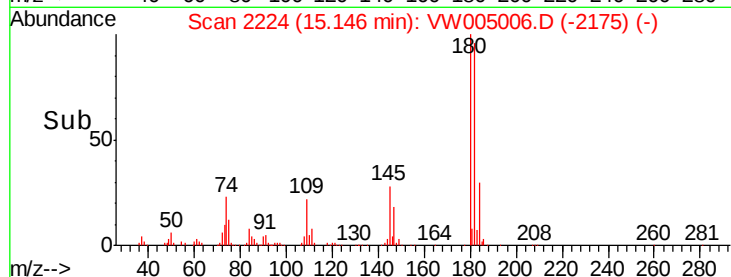
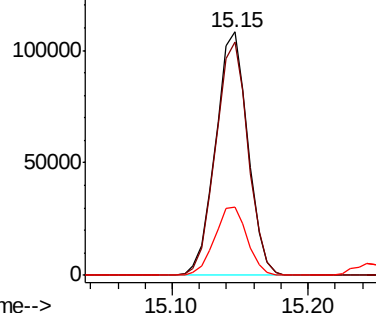


Abundance

Ion 179.80 (179.50 to 180.50): V

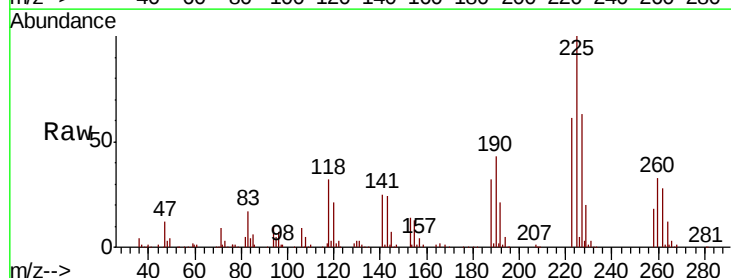
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.407 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW005006.D
 Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114904		
223	62.4	32.0	96.0	
227	63.7	31.9	95.7	

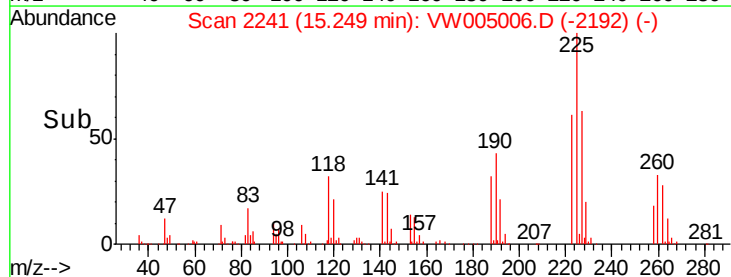
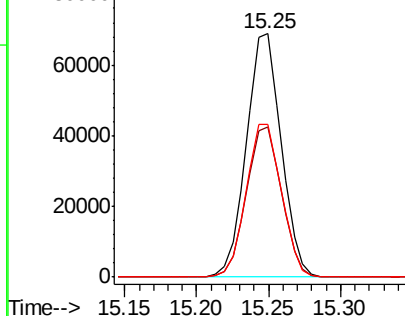


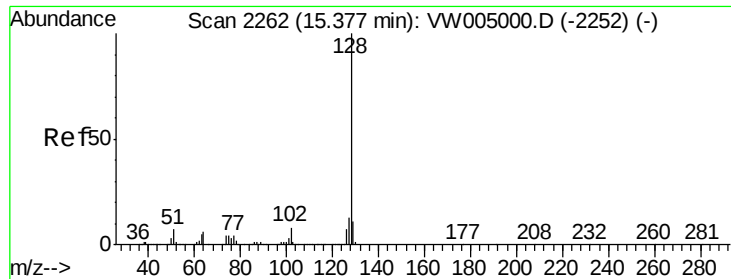
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





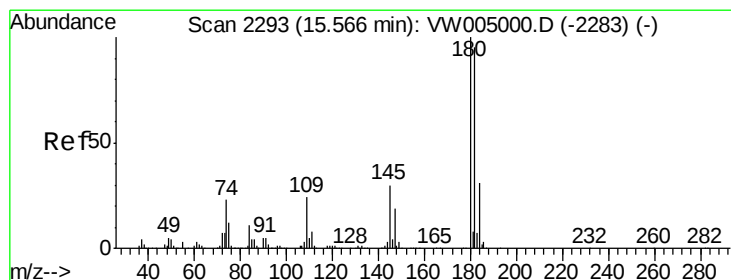
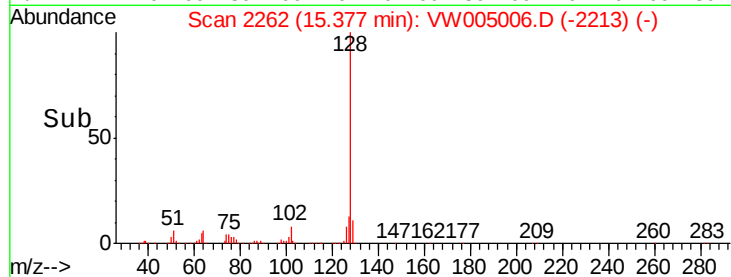
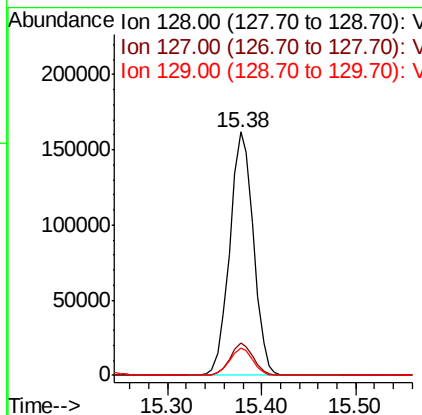
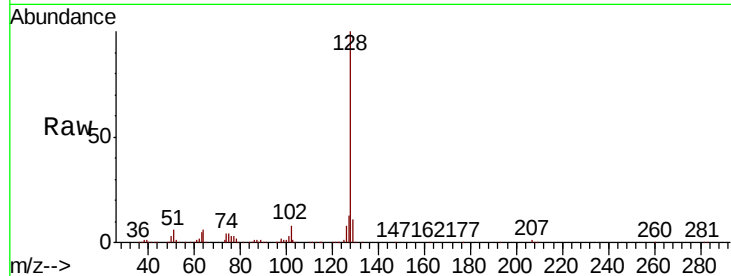
#95
Naphthalene
Concen: 19.648 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	282664		
127	12.9		10.5	15.7
129	11.1		8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 19.604 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005006.D
Acq: 29 Aug 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155785		
182	97.4		47.6	142.8
145	30.9		15.1	45.3

