

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004735.D
 Acq On : 17 Aug 2018 15:54
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 8/20/2018 9:53:39 AM

Quant Time: Aug 18 01:30:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	640791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	991125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	937220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	506137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	34027	5.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.98%	
35) Dibromofluoromethane	7.88	113	33061	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.32	98	123840	5.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.62	95	44263	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21770	5.13	ug/l	95
3) Chloromethane	2.21	50	28959	5.22	ug/l	98
4) Vinyl Chloride	2.37	62	42307	5.18	ug/l	99
5) Bromomethane	2.78	94	27479	5.45	ug/l	98
6) Chloroethane	2.93	64	25800	5.23	ug/l	91
7) Trichlorofluoromethane	3.26	101	19003	4.94	ug/l	97
8) Diethyl Ether	3.67	74	17612	5.06	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33496	5.05	ug/l	98
10) Methyl Iodide	4.27	142	49853	4.95	ug/l	99
11) Tert butyl alcohol	5.23	59	9446	27.08	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	33141	5.02	ug/l	97
13) Acrolein	3.90	56	13664	29.42	ug/l	94
14) Allyl chloride	4.67	41	48414	4.83	ug/l	99
15) Acrylonitrile	5.38	53	34666	23.76	ug/l	98
16) Acetone	4.14	43	45373	28.69	ug/l	100
17) Carbon Disulfide	4.37	76	110146	5.08	ug/l	98
18) Methyl Acetate	4.68	43	16585	4.89	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	38770	4.52	ug/l	100
20) Methylene Chloride	4.92	84	62471	7.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	33696	4.80	ug/l	93
22) Diisopropyl ether	6.31	45	82939	4.31	ug/l	96
23) Vinyl Acetate	6.26	43	222663	20.44	ug/l	99
24) 1,1-Dichloroethane	6.21	63	62373	4.98	ug/l	98
25) 2-Butanone	7.18	43	52537	23.32	ug/l	100
26) 2,2-Dichloropropane	7.17	77	40470	5.60	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	36287	4.80	ug/l	95
28) Bromochloromethane	7.51	49	26025	4.94	ug/l	99
29) Tetrahydrofuran	7.54	42	25159	21.90	ug/l	99
30) Chloroform	7.68	83	62085	5.04	ug/l	95
31) Cyclohexane	7.96	56	62722	5.18	ug/l #	78
32) 1,1,1-Trichloroethane	7.87	97	48619	4.98	ug/l	97
36) 1,1-Dichloropropene	8.09	75	48664	4.77	ug/l	99
37) Ethyl Acetate	7.26	43	17943	4.41	ug/l	99
38) Carbon Tetrachloride	8.07	117	45785	4.87	ug/l	97

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	55290	4.33	ug/l	93
40) Benzene	8.33	78	143021	4.82	ug/l	97
41) Methacrylonitrile	7.49	41	9246	4.00	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	37139	4.88	ug/l	100
43) Isopropyl Acetate	8.43	43	32198	4.40	ug/l	98
44) Trichloroethene	9.09	130	37218	4.94	ug/l	96
45) 1,2-Dichloropropane	9.37	63	34937	4.81	ug/l	98
46) Dibromomethane	9.46	93	17057	4.74	ug/l	99
47) Bromodichloromethane	9.65	83	40611	4.73	ug/l	96
48) Methyl methacrylate	9.44	41	14164	4.13	ug/l	97
49) 1,4-Dioxane	9.48	88	4590	87.37	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	102389	20.72	ug/l	98
52) Toluene	10.39	92	81595	4.58	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	37782	4.37	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	45709	4.43	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	24503	4.79	ug/l	97
56) Ethyl methacrylate	10.65	69	22940	3.80	ug/l	99
57) 1,3-Dichloropropane	10.93	76	41239	4.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	53138	18.82	ug/l	97
59) 2-Hexanone	10.98	43	66886	19.98	ug/l	94
60) Dibromochloromethane	11.13	129	26254	4.58	ug/l	97
61) 1,2-Dibromoethane	11.24	107	23115	4.73	ug/l	99
64) Tetrachloroethene	10.87	164	30394	4.75	ug/l	99
65) Chlorobenzene	11.66	112	98309	4.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	31909	4.68	ug/l	99
67) Ethyl Benzene	11.74	91	150497	4.40	ug/l	100
68) m/p-Xylenes	11.85	106	114220	8.59	ug/l	100
69) o-Xylene	12.17	106	50735	4.12	ug/l	99
70) Styrene	12.18	104	84240	4.07	ug/l	99
71) Bromoform	12.35	173	16203	4.51	ug/l #	98
73) Isopropylbenzene	12.47	105	140758	4.09	ug/l	99
74) N-amyl acetate	12.28	43	27879	3.86	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	29924	4.69	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18820m	2.51	ug/l	
77) Bromobenzene	12.75	156	39165	4.70	ug/l	96
78) n-propylbenzene	12.81	91	175612	4.18	ug/l	100
79) 2-Chlorotoluene	12.90	91	106425	4.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	116164	3.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	7972	4.15	ug/l	93
82) 4-Chlorotoluene	12.99	91	112940	4.39	ug/l	99
83) tert-Butylbenzene	13.21	119	102723	4.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	122725	4.08	ug/l	100
85) sec-Butylbenzene	13.39	105	156139	4.18	ug/l	100
86) p-Isopropyltoluene	13.51	119	130384	4.01	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	79917	4.71	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	82803	4.89	ug/l	94
89) n-Butylbenzene	13.83	91	134038	4.27	ug/l	99
90) Hexachloroethane	14.10	117	27390	4.62	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	72820	4.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4468	4.48	ug/l	93

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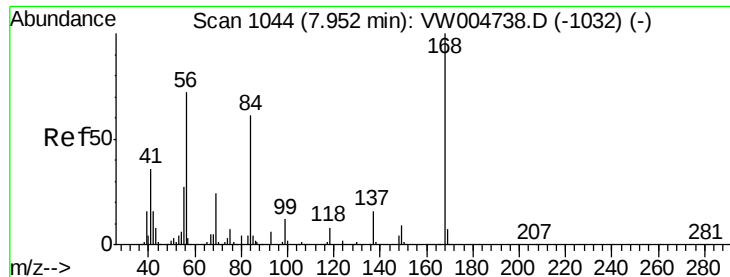
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	47983	4.46	ug/l	98
94) Hexachlorobutadiene	15.25	225	31104	4.71	ug/l	99
95) Naphthalene	15.38	128	70797	3.80	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	41393	4.33	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 640791

Ion Ratio Lower Upper

168 100

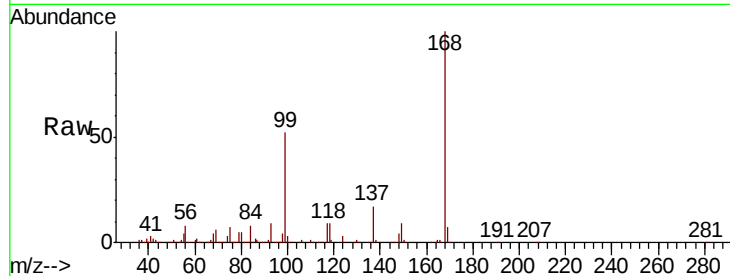
99 51.9 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

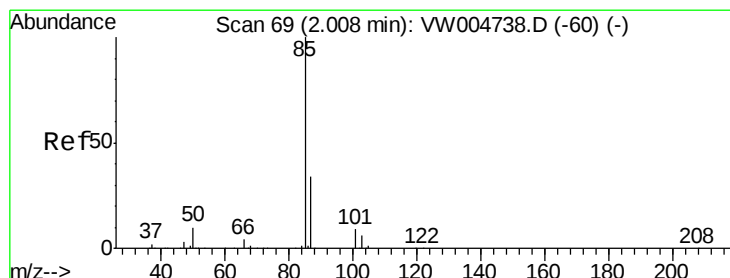
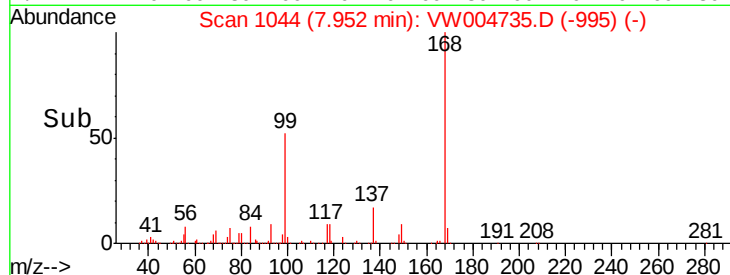
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.13 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004735.D

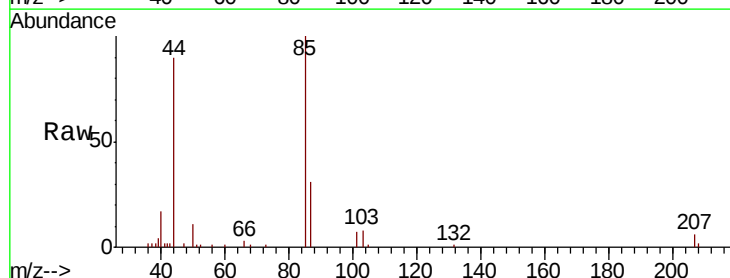
Acq: 17 Aug 2018 15:54

Tgt Ion: 85 Resp: 21770

Ion Ratio Lower Upper

85 100

87 31.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

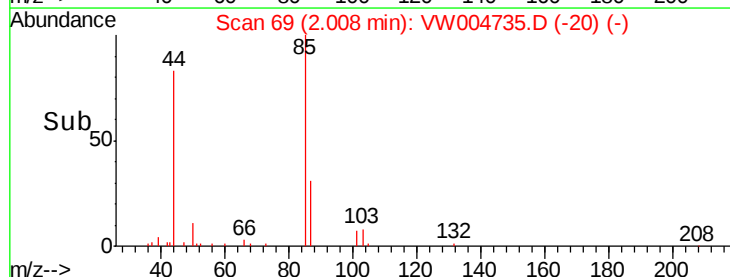
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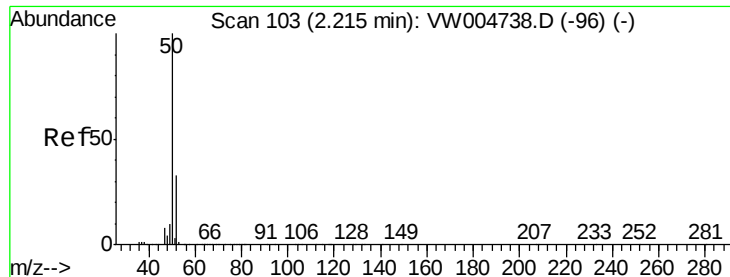
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 5.22 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 28959

Ion Ratio Lower Upper

50 100

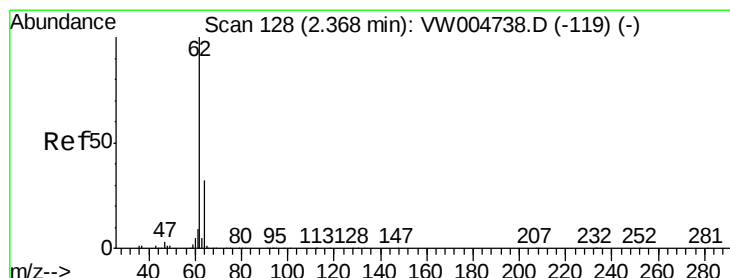
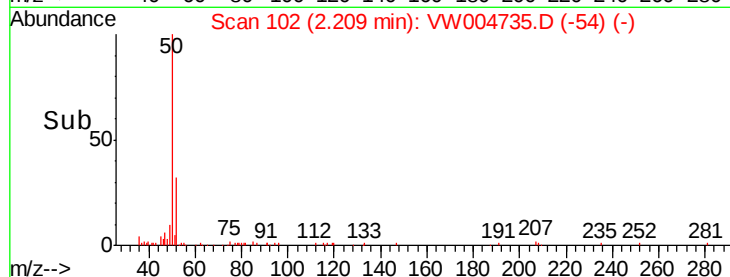
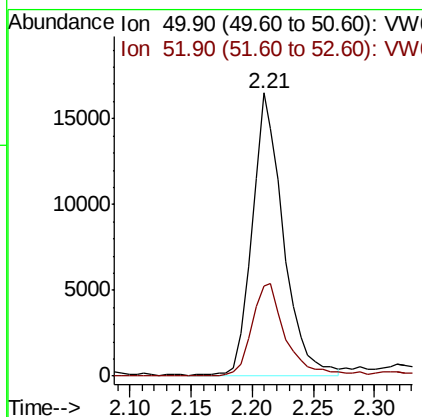
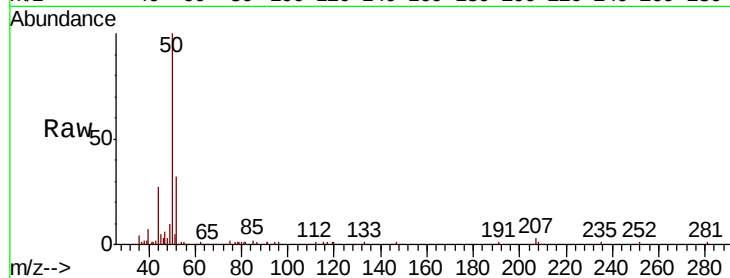
52 32.1 26.7 40.1

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#4

Vinyl Chloride

Concen: 5.18 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004735.D

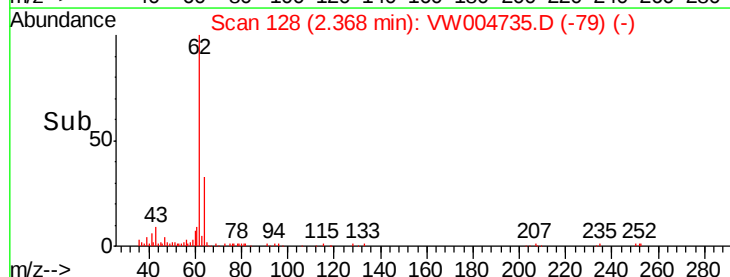
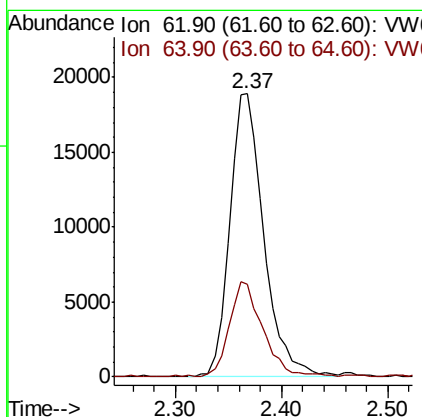
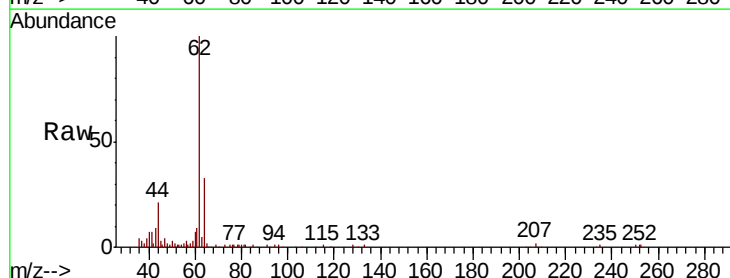
Acq: 17 Aug 2018 15:54

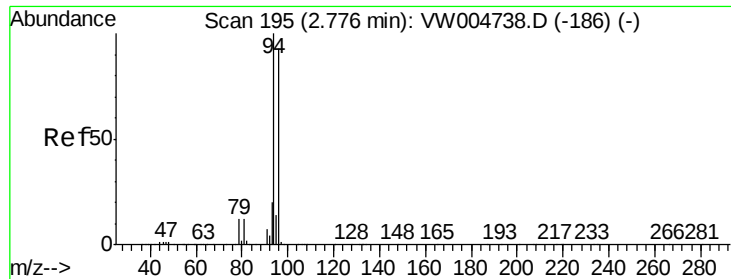
Tgt Ion: 62 Resp: 42307

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 5.45 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 27479

Ion Ratio Lower Upper

94 100

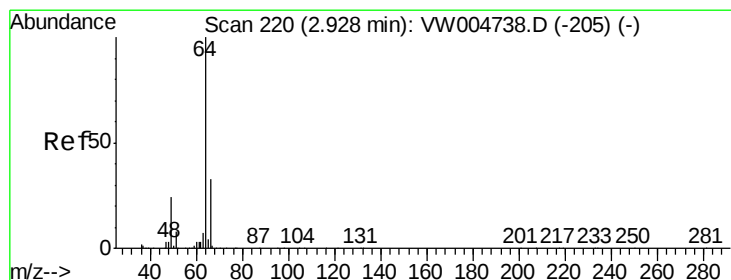
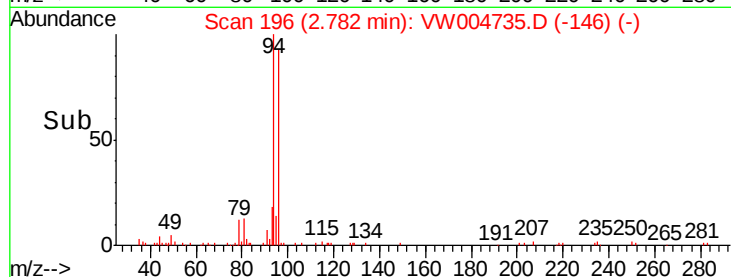
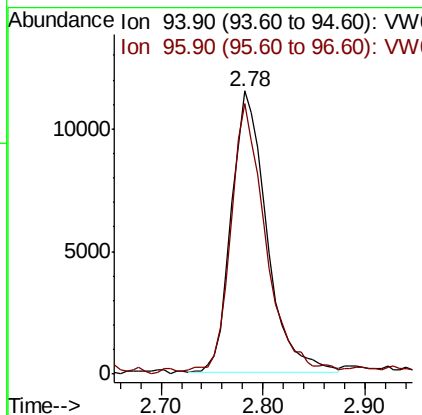
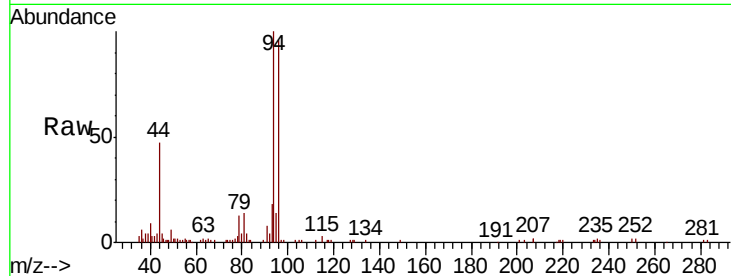
96 94.9 74.3 111.5

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#6

Chloroethane

Concen: 5.23 ug/l

RT: 2.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VW004735.D

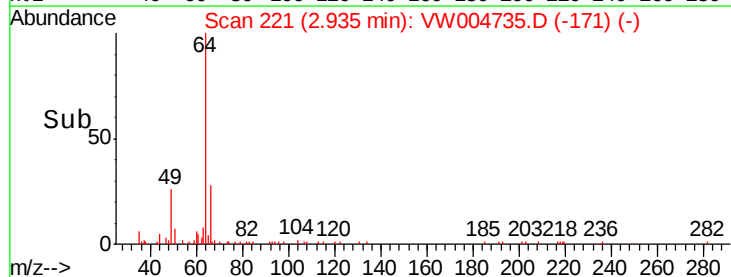
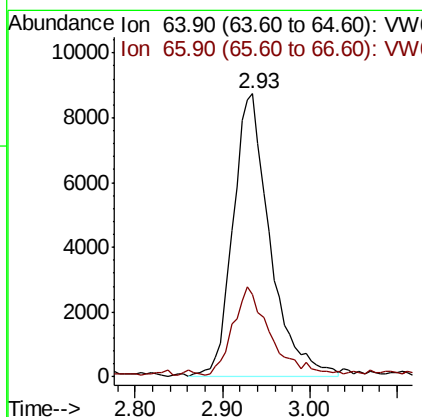
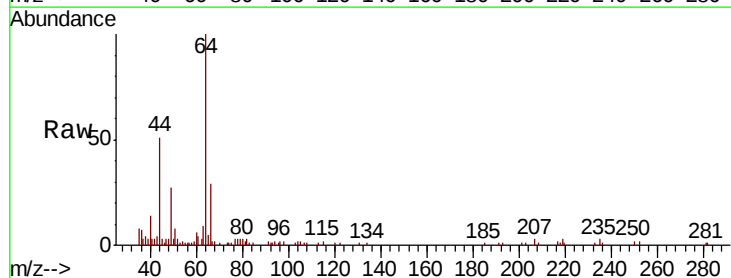
Acq: 17 Aug 2018 15:54

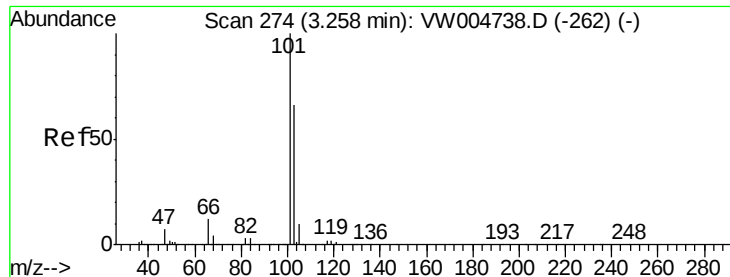
Tgt Ion: 64 Resp: 25800

Ion Ratio Lower Upper

64 100

66 27.5 26.1 39.1





#7

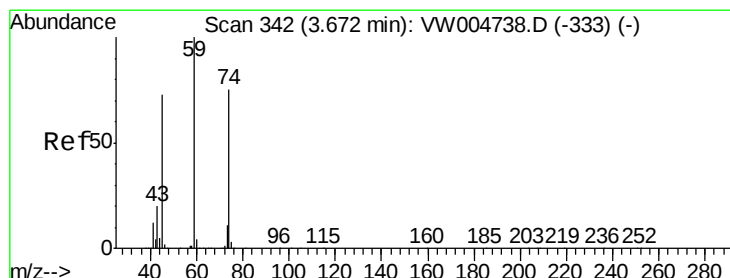
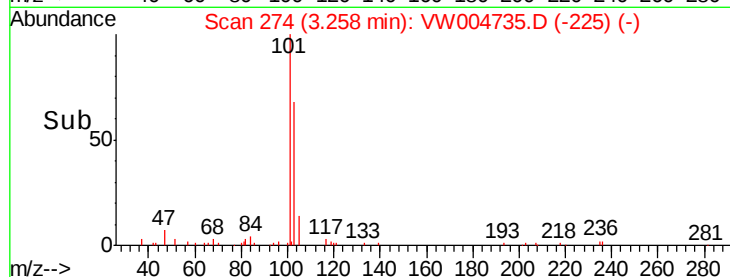
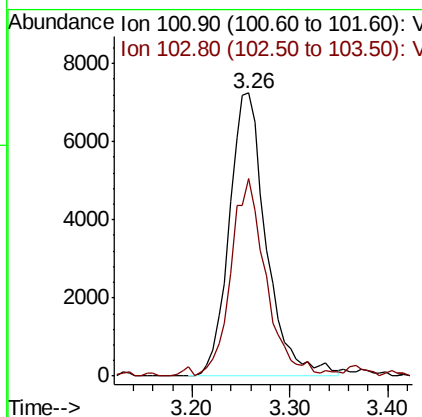
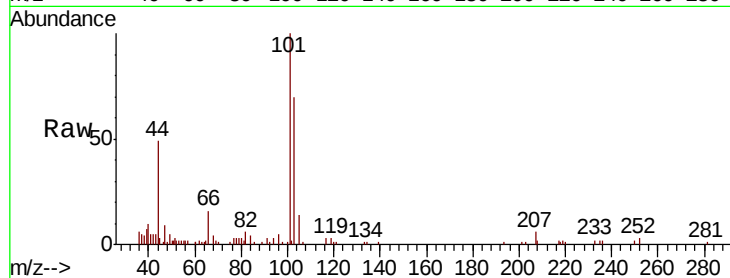
Trichlorofluoromethane
 Concen: 4.94 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.5	78.7

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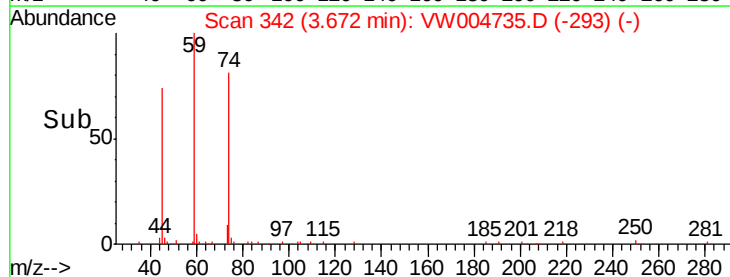
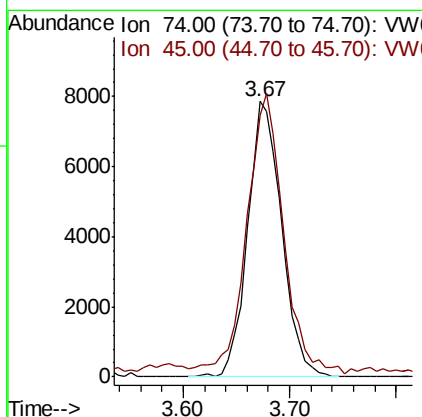
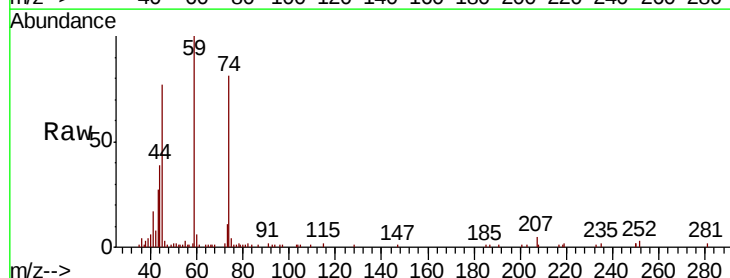
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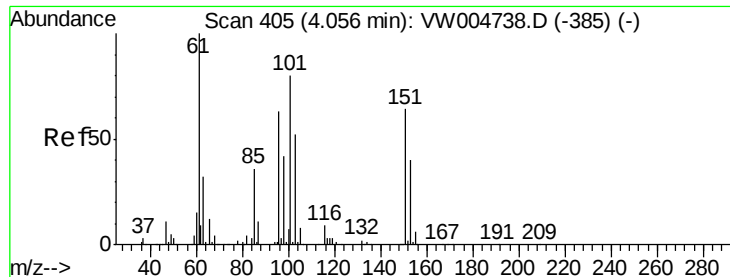


#8

Diethyl Ether
 Concen: 5.06 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.3	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.05 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

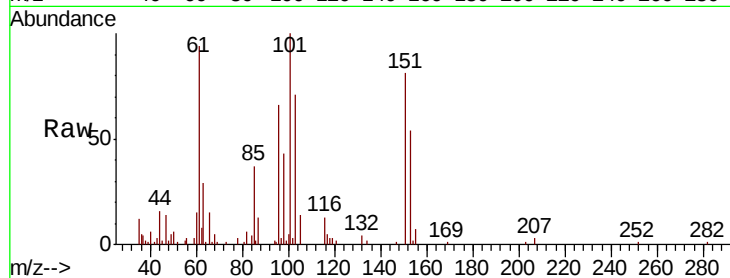
ClientSampleId :

VSTDIC005

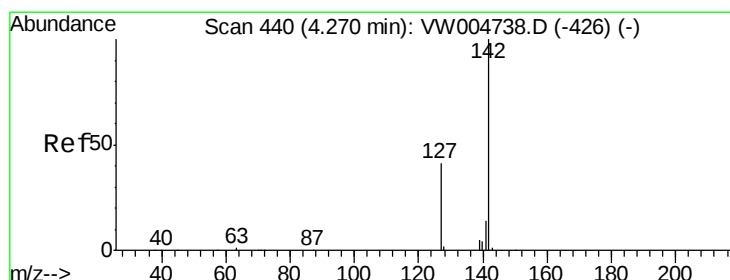
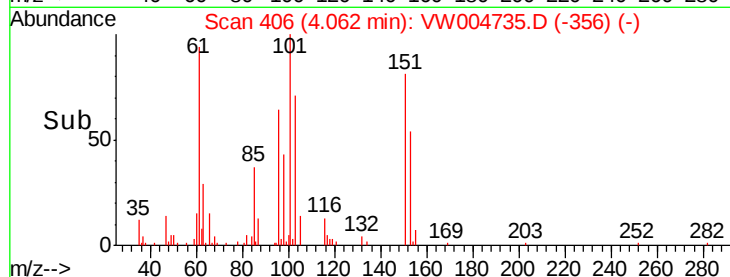
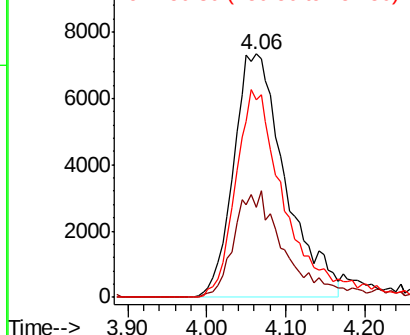
Tot Ion:	101	Resp:	33496
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.9	50.9
151	81.9	63.4	95.2

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



#10

Methyl Iodide

Concen: 4.95 ug/l

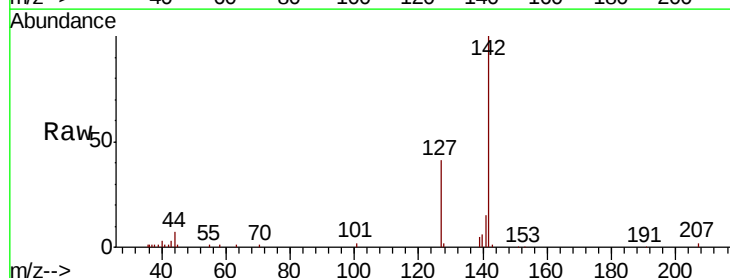
RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

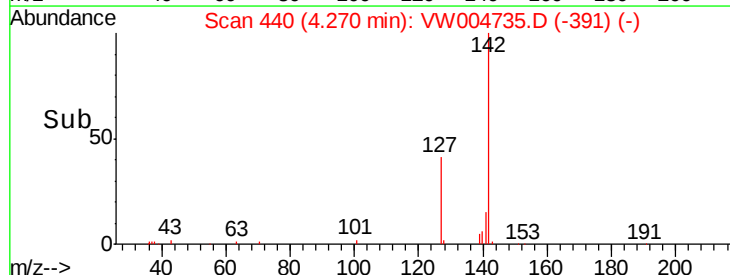
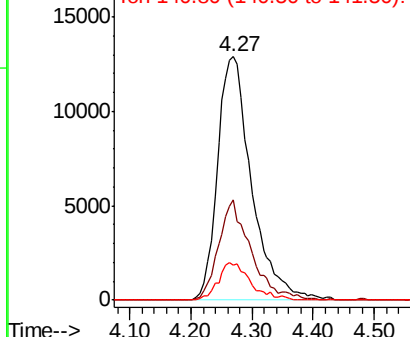
Lab File: VW004735.D

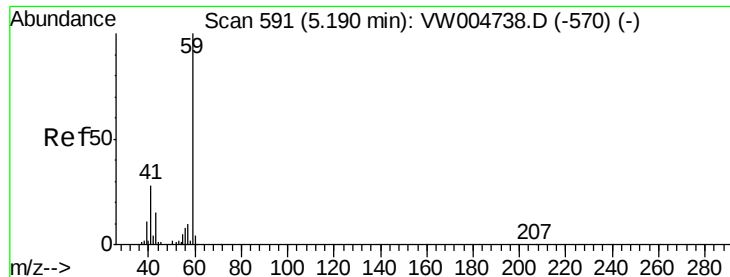
Acq: 17 Aug 2018 15:54

Tgt Ion:	142	Resp:	49853
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.1	48.1
141	14.2	11.7	17.5



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





#11

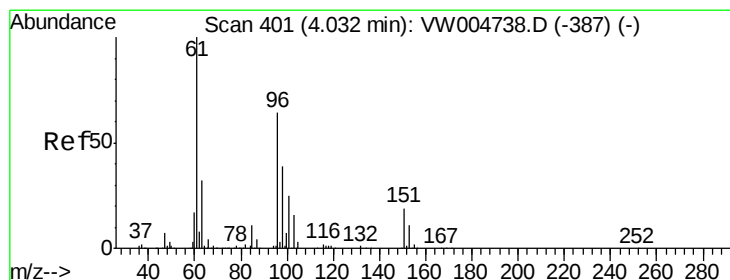
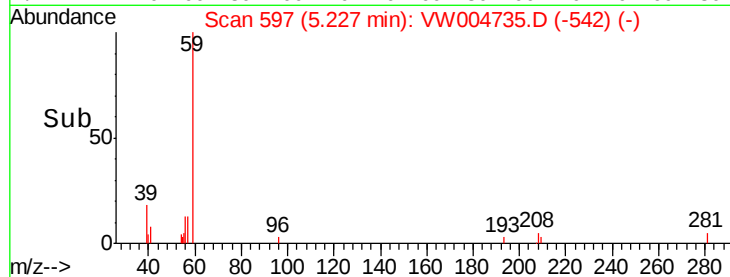
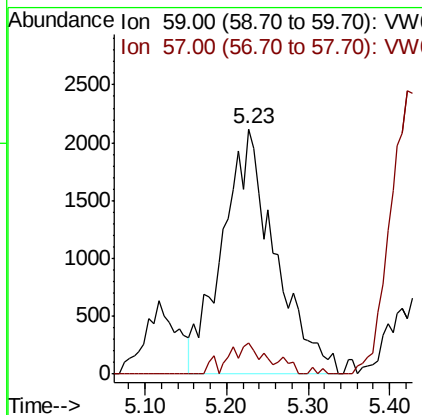
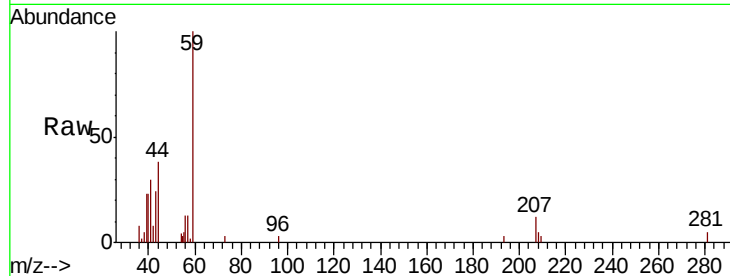
Tert butyl alcohol
Concen: 27.08 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.4	12.6#

Manual Integrations
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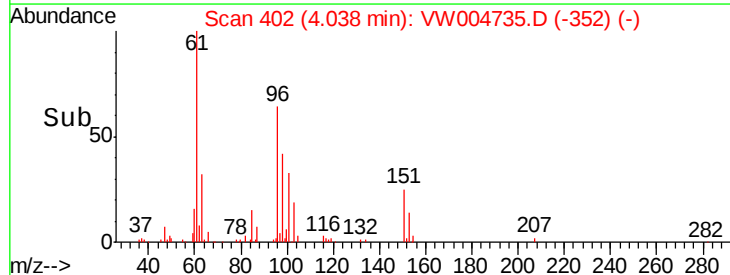
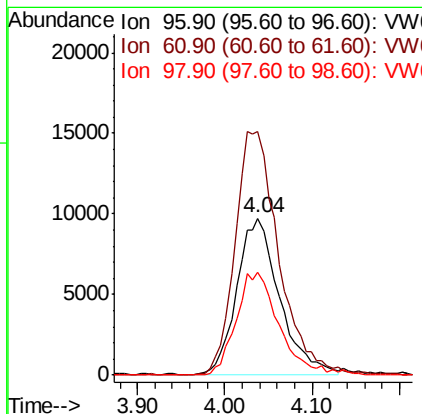
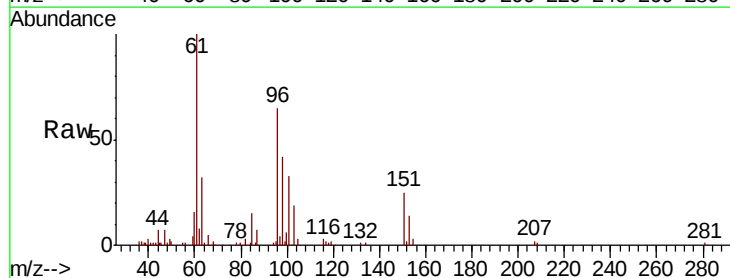
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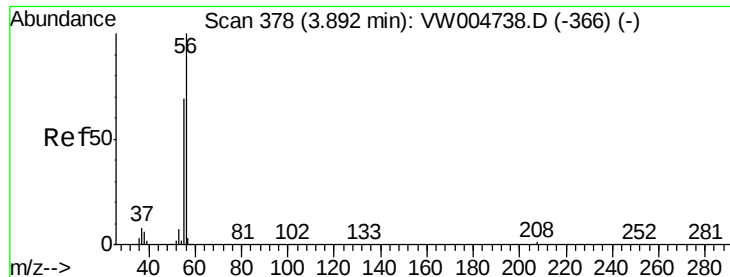


#12

1,1-Dichloroethene
Concen: 5.02 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	125.6	188.4
98	65.8	49.4	74.0





#13

Acrolein

Concen: 29.42 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 13664

Ion Ratio Lower Upper

56 100

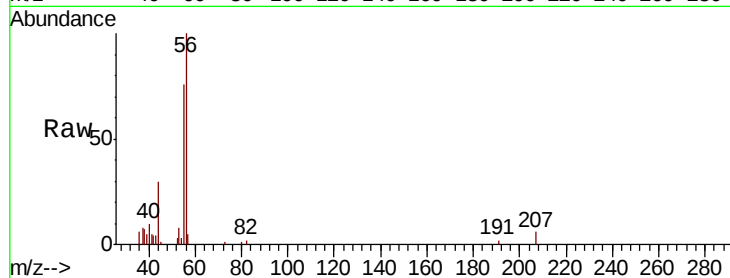
55 65.3 56.1 84.1

Manual Integrations

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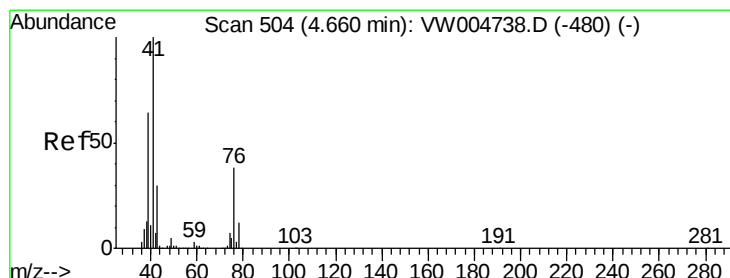
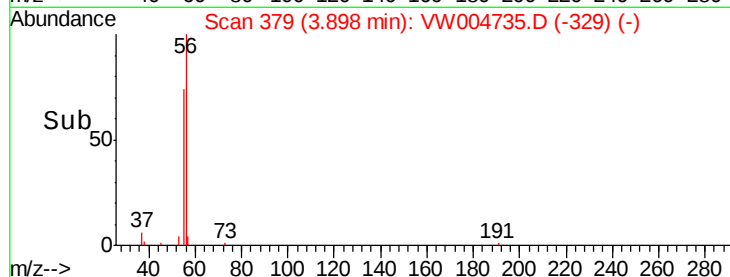
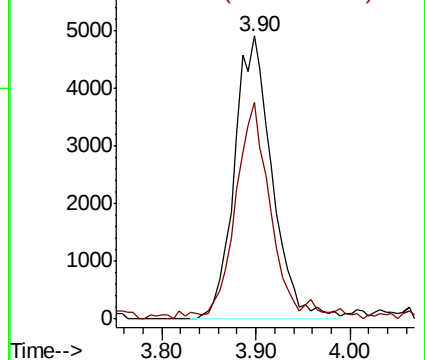
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.83 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

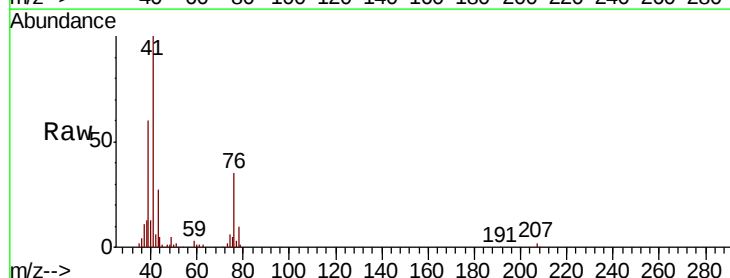
Tgt Ion: 41 Resp: 48414

Ion Ratio Lower Upper

41 100

39 62.7 50.0 75.0

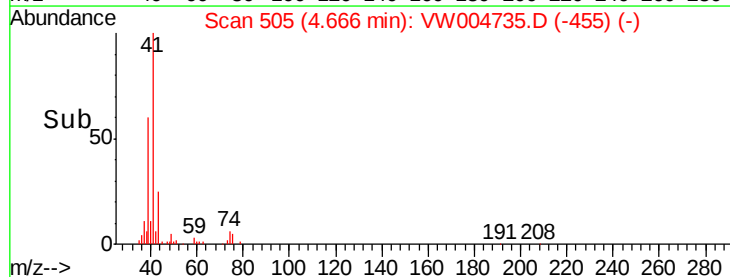
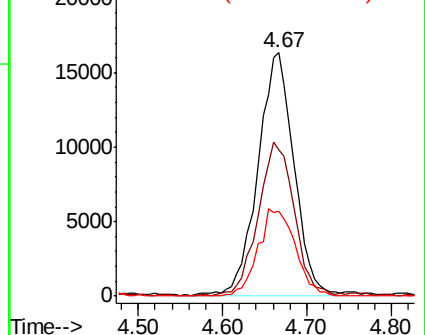
76 36.7 29.8 44.6

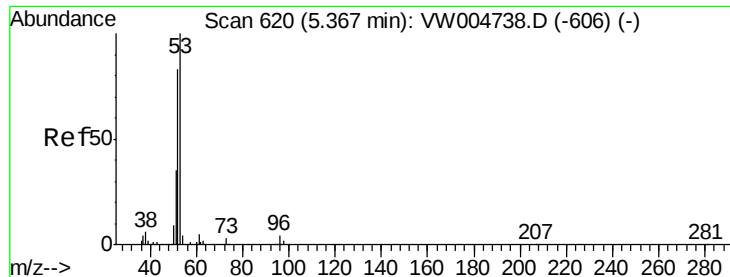


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 23.76 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

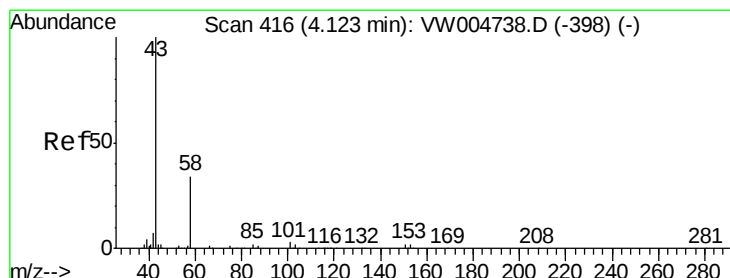
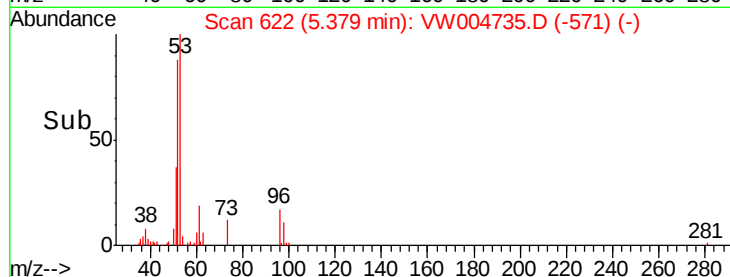
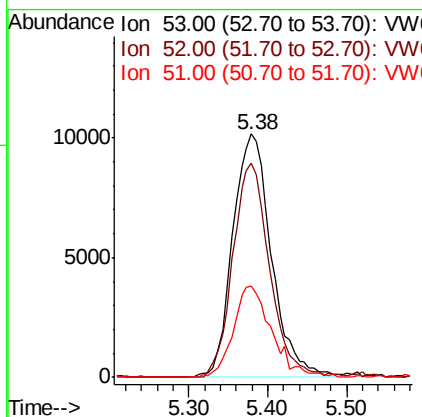
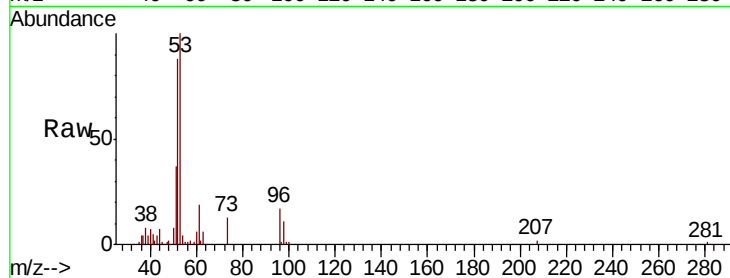
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	34666
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.6
51	37.3	28.7	43.1

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#16

Acetone

Concen: 28.69 ug/l

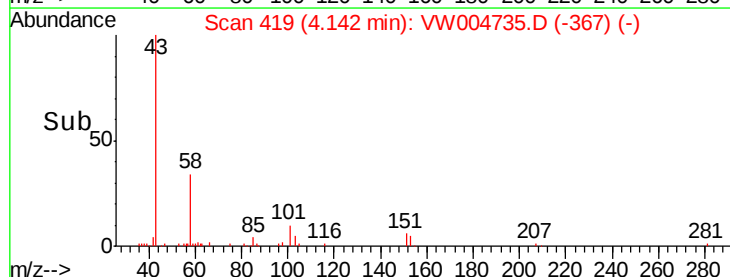
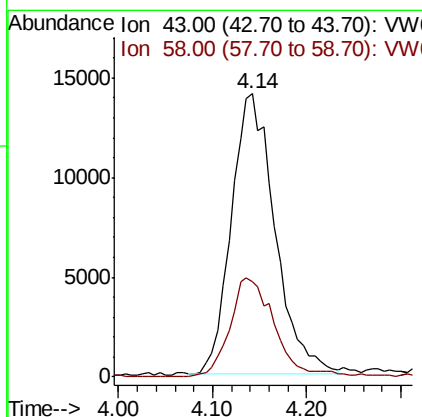
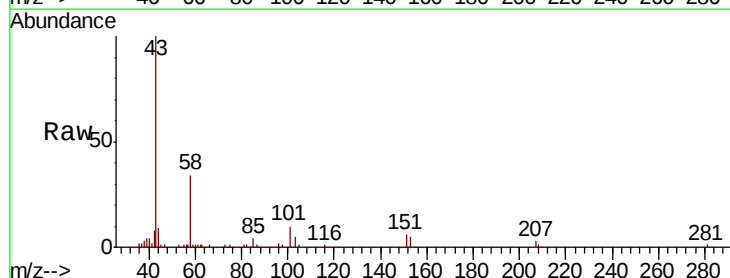
RT: 4.14 min Scan# 419

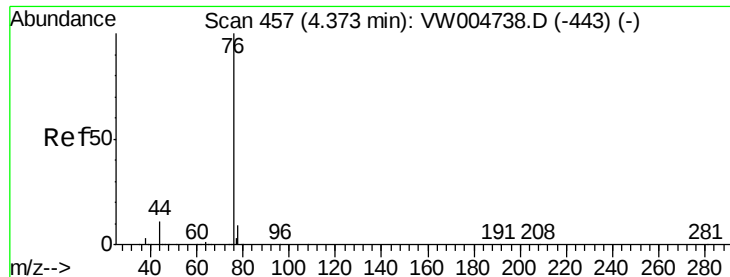
Delta R.T. 0.02 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	43	Resp:	45373
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.3	40.9





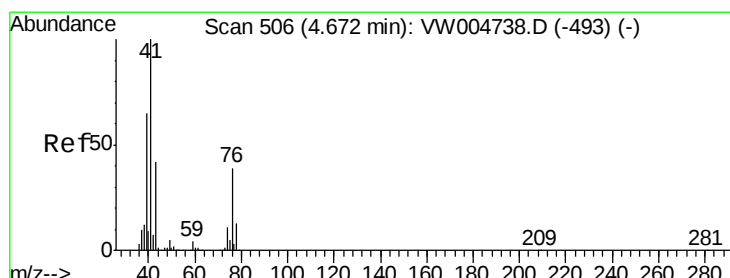
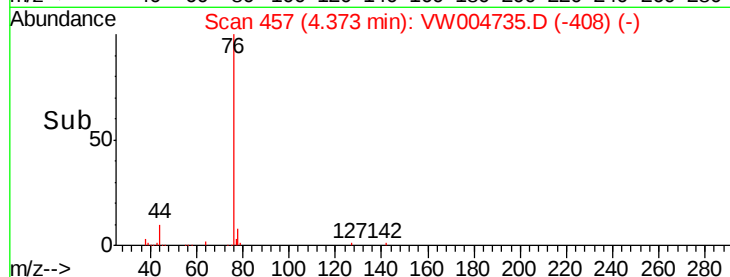
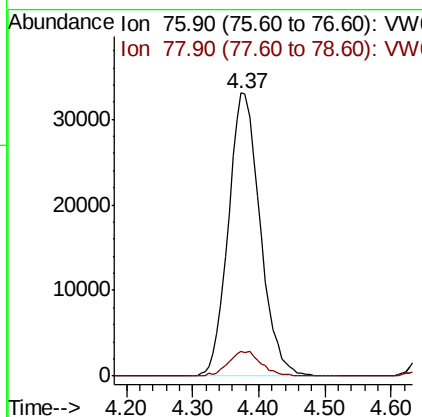
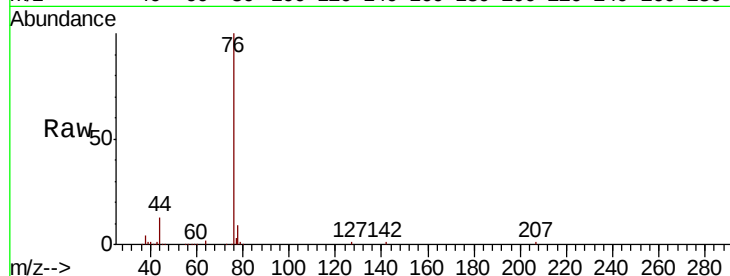
#17
Carbon Disulfide
Concen: 5.08 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

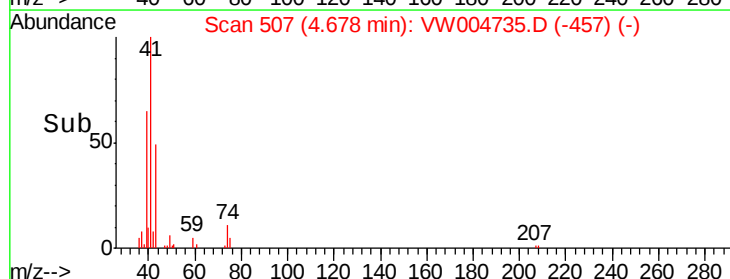
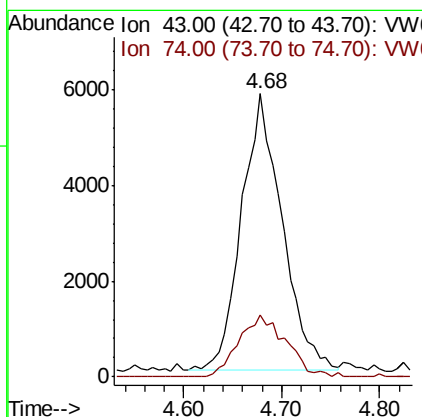
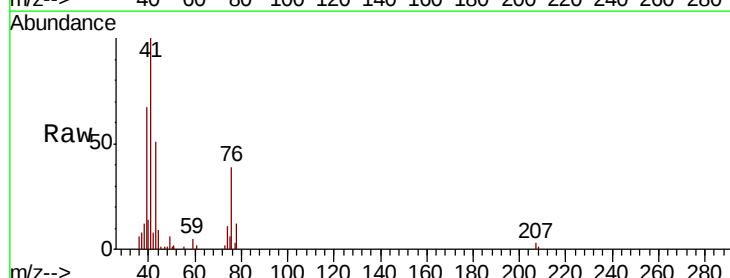
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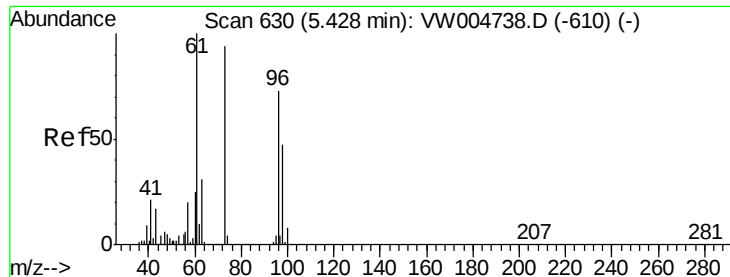
apatel
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#18
Methyl Acetate
Concen: 4.89 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	19.8	29.8





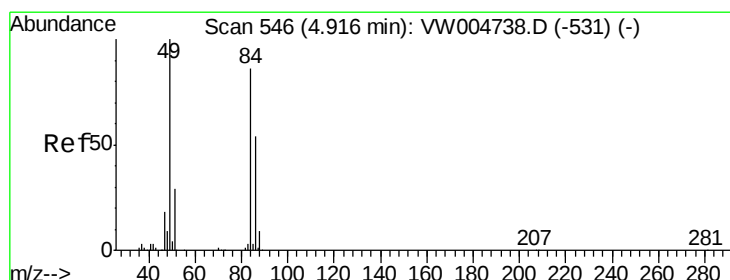
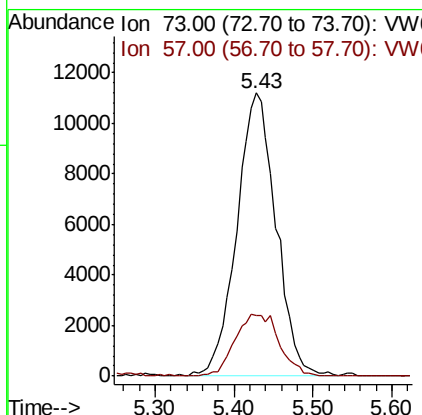
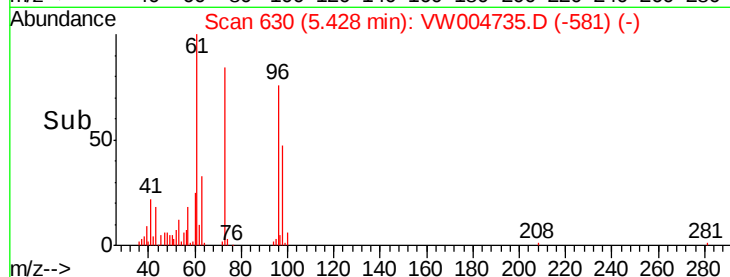
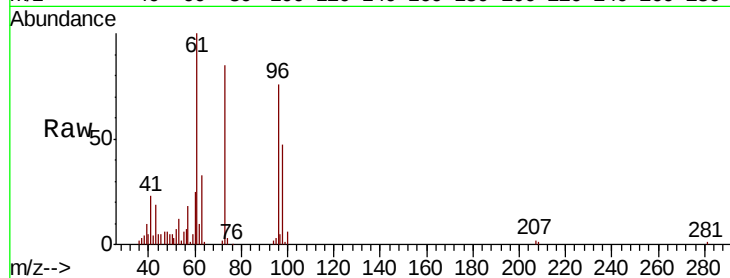
#19
Methvl tert-butvl Ether
Concen: 4.52 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

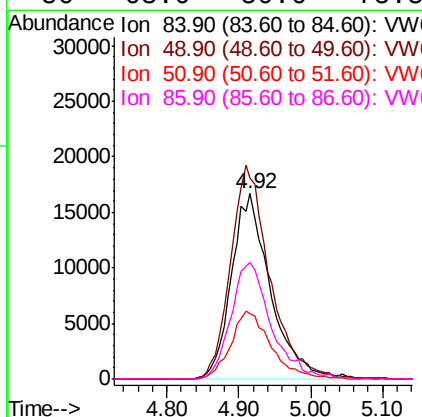
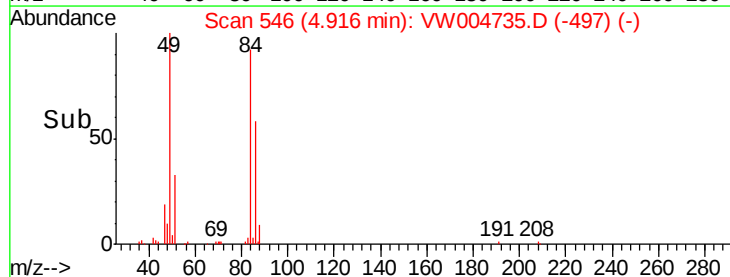
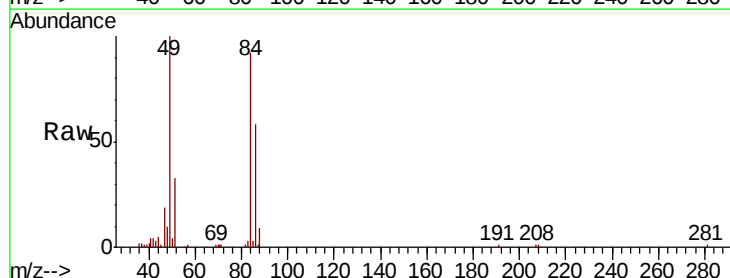
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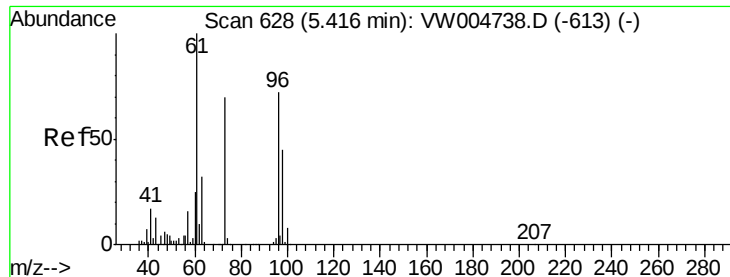
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#20
Methylene Chloride
Concen: 7.24 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.7	93.2	139.8
51	35.5	27.4	41.0
86	63.0	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 4.80 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

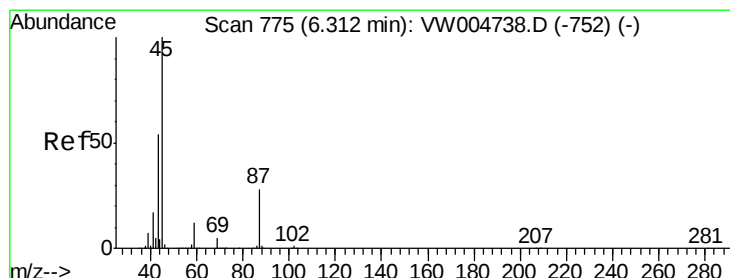
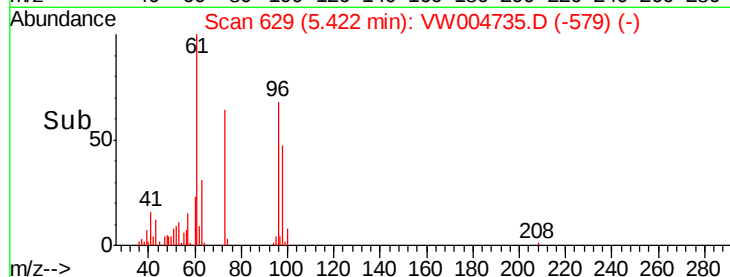
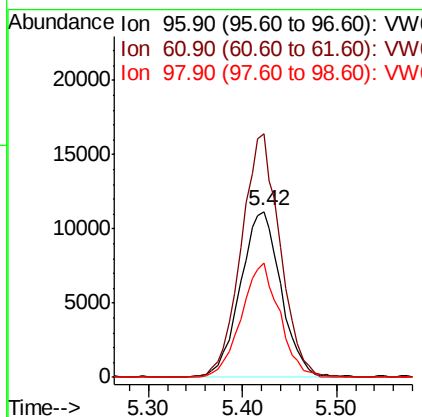
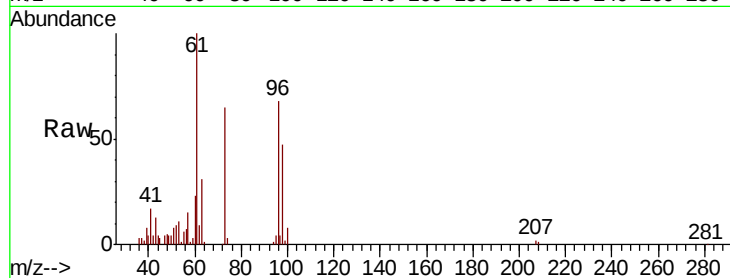
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	33696
Ion	Ratio	Lower	Upper
96	100		
61	147.0	111.4	167.0
98	69.3	49.7	74.5

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#22

Diisopropyl ether

Concen: 4.31 ug/l

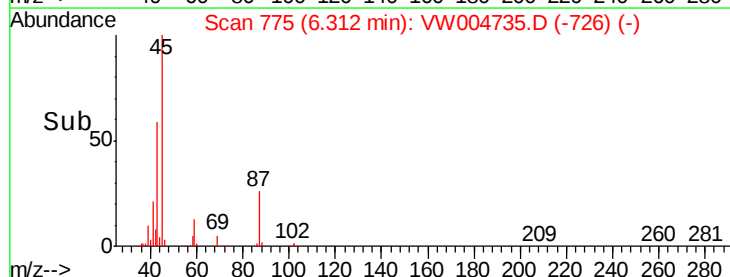
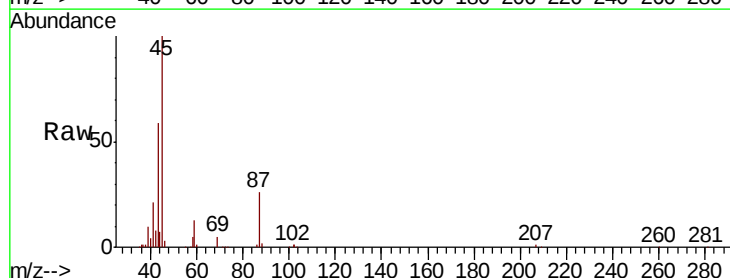
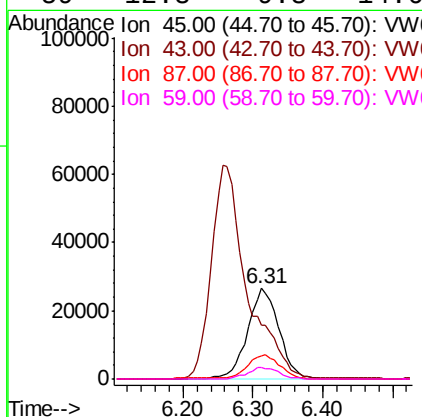
RT: 6.31 min Scan# 775

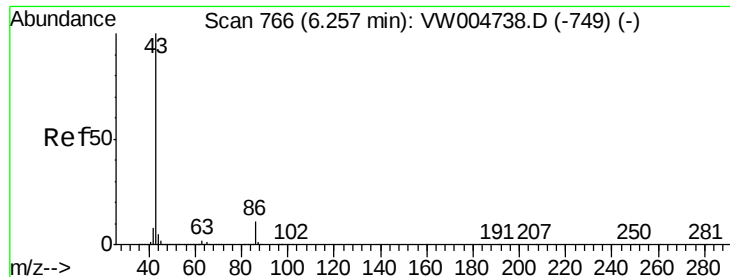
Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	45	Resp:	82939
Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.0	64.6
87	25.6	22.2	33.4
59	12.8	9.8	14.6





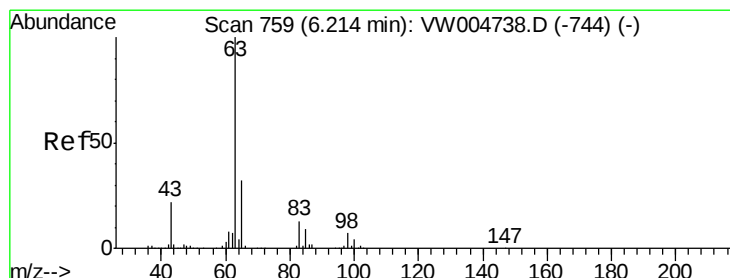
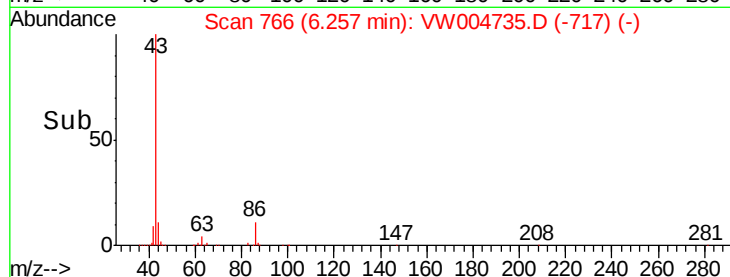
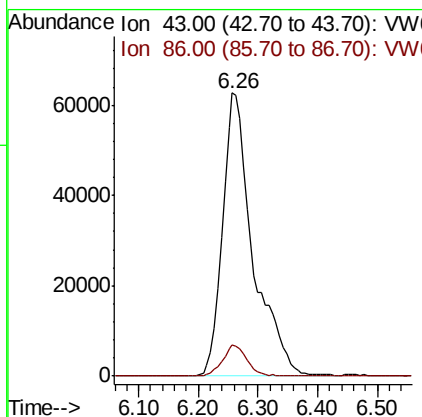
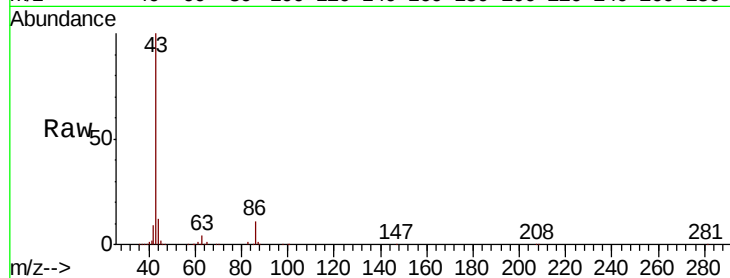
#23
 Vinyl Acetate
 Concen: 20.44 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.5	12.7

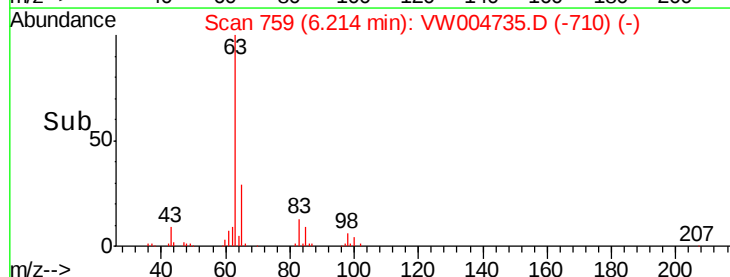
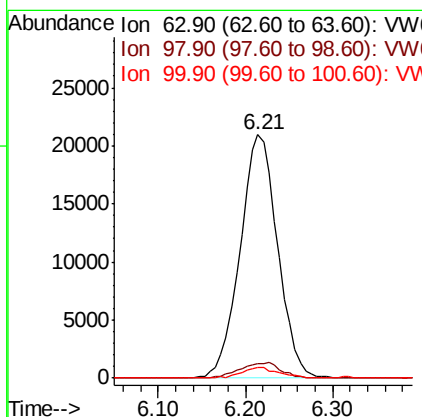
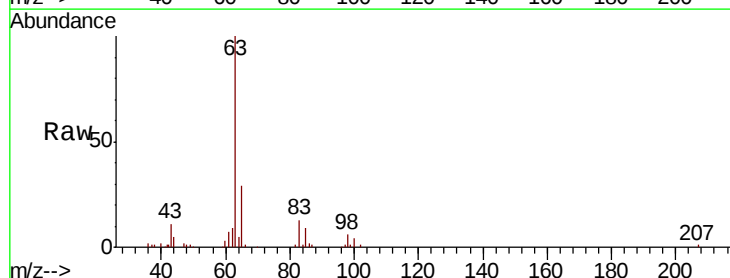
Manual Integrations
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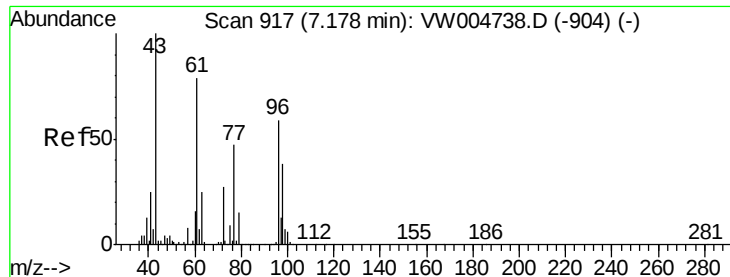
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#24
 1,1-Dichloroethane
 Concen: 4.98 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.5	10.4
100	4.2	2.1	6.3





#25

2-Butanone

Concen: 23.32 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 52537

Ion Ratio Lower Upper

43 100

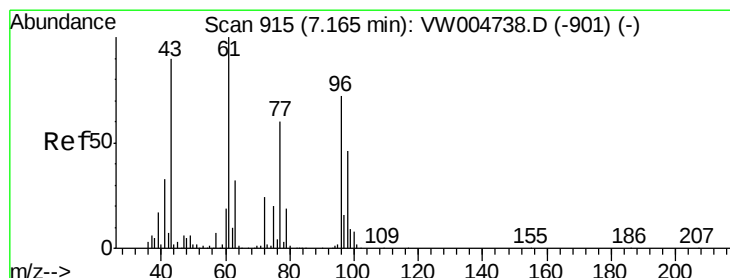
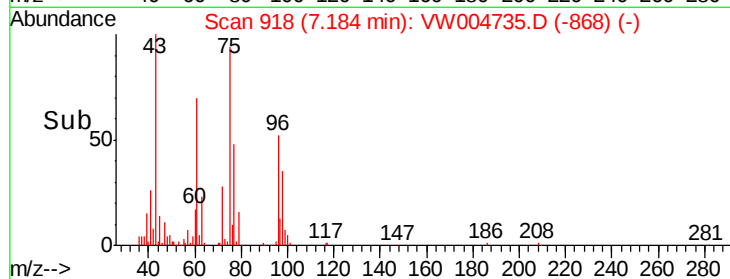
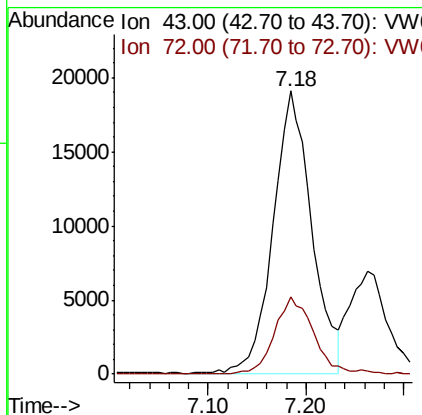
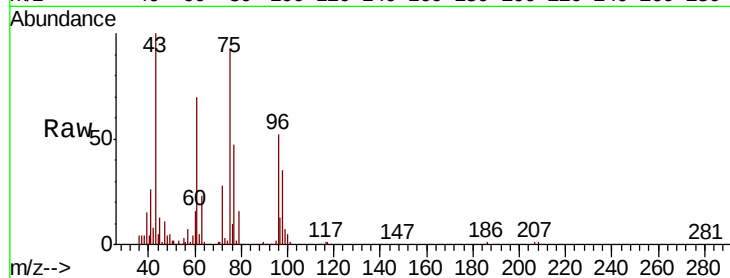
72 27.6 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.60 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004735.D

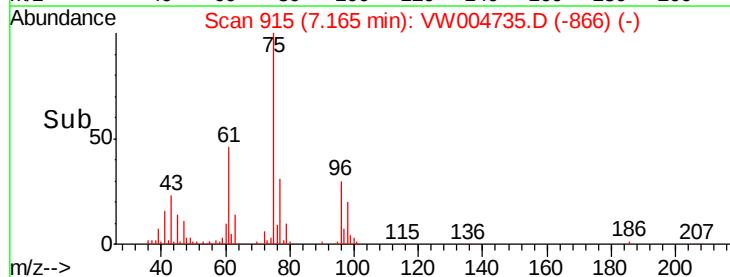
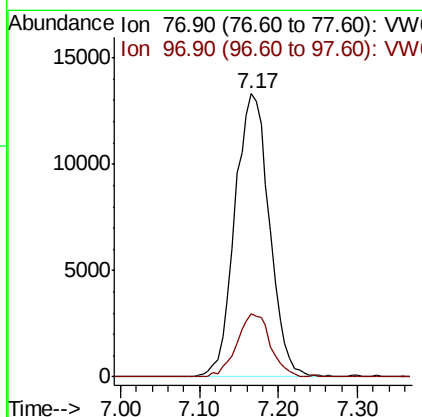
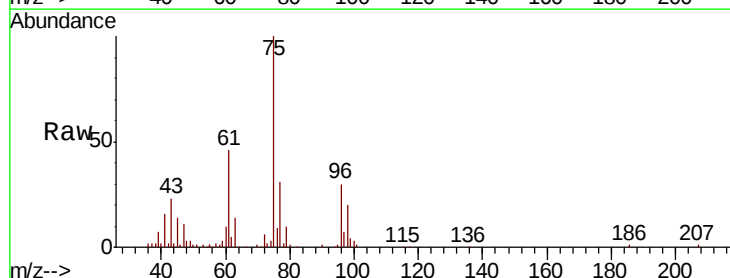
Acq: 17 Aug 2018 15:54

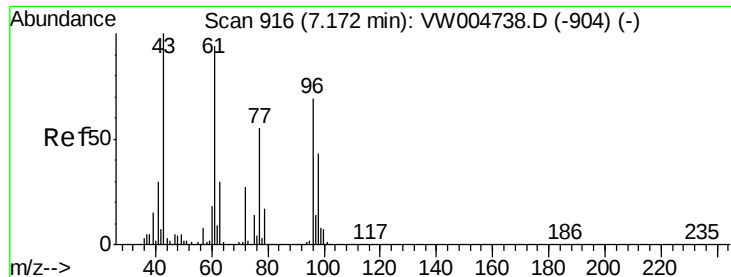
Tgt Ion: 77 Resp: 40470

Ion Ratio Lower Upper

77 100

97 21.6 12.6 37.8





#27

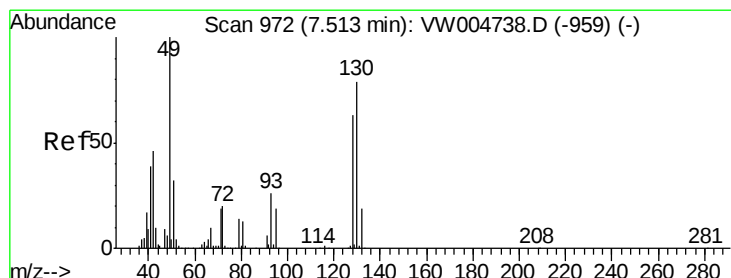
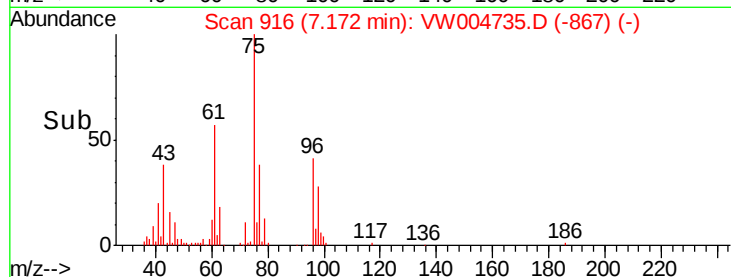
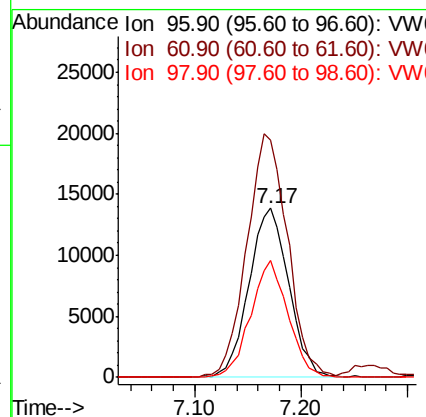
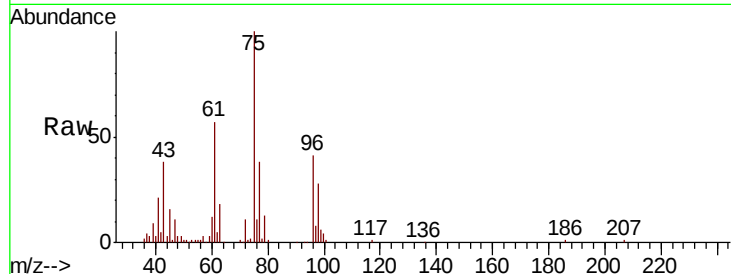
cis-1,2-Dichloroethene
 Concen: 4.80 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	277.6
98	64.9	0.0	127.4

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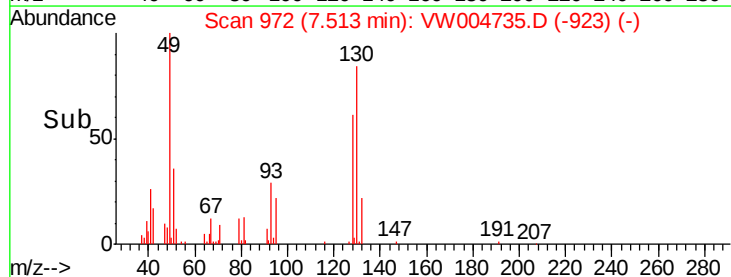
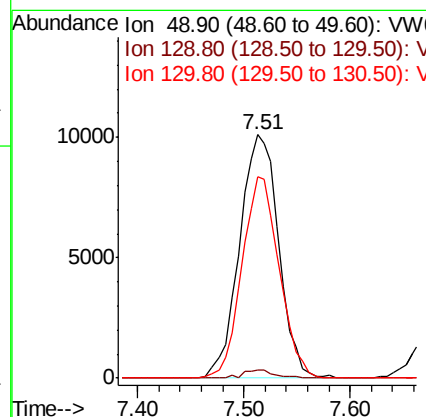
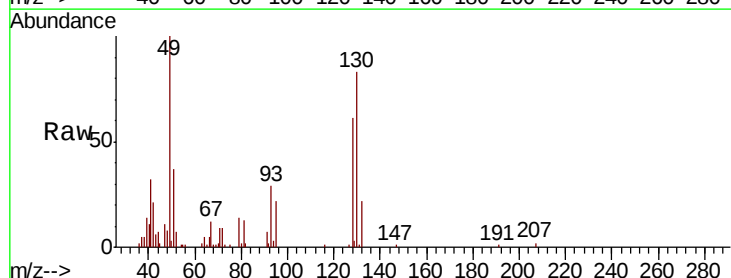
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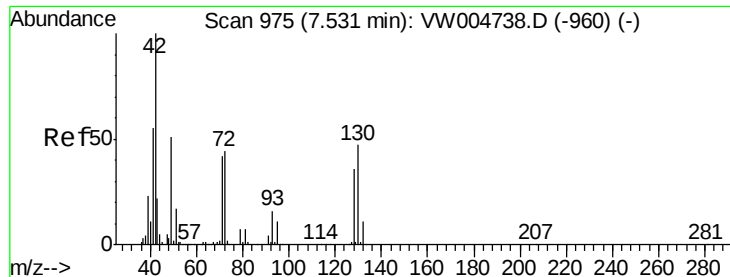


#28

Bromochloromethane
 Concen: 4.94 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	78.7	63.7	95.5





#29

Tetrahydrofuran

Concen: 21.90 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

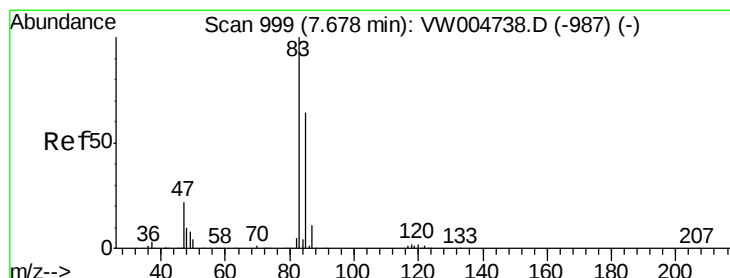
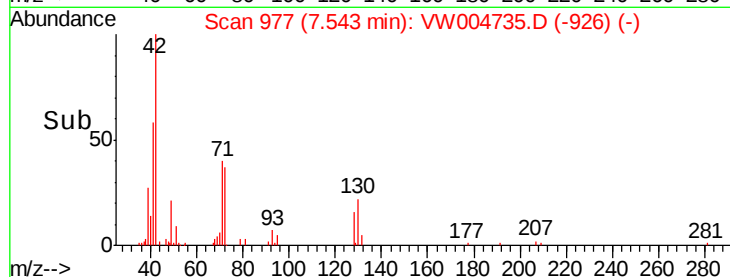
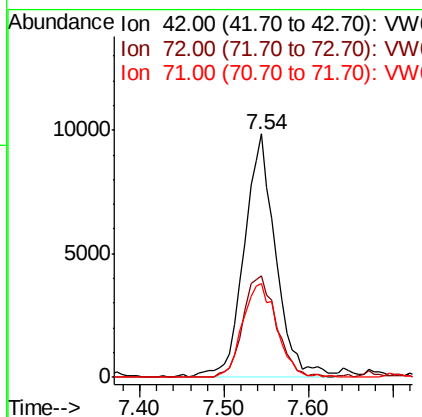
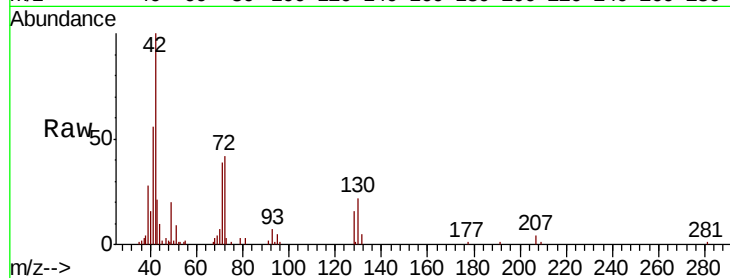
ClientSampleId :

VSTDIC005

Tot Ion:	42	Resp:	25159
Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.9	52.3
71	41.2	33.8	50.6

Manual Integrations
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#30

Chloroform

Concen: 5.04 ug/l

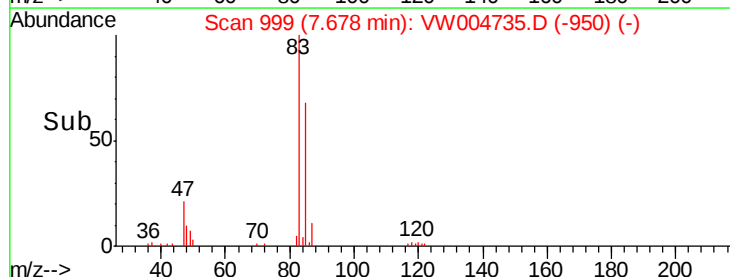
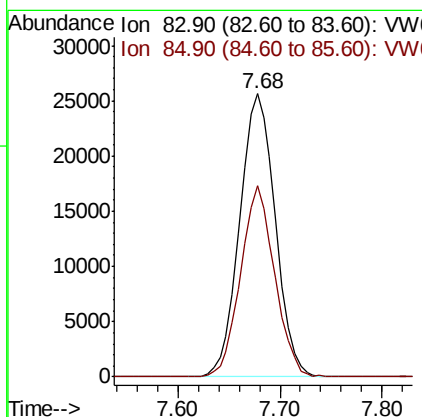
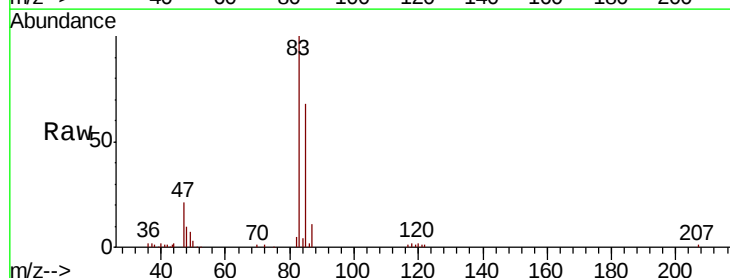
RT: 7.68 min Scan# 999

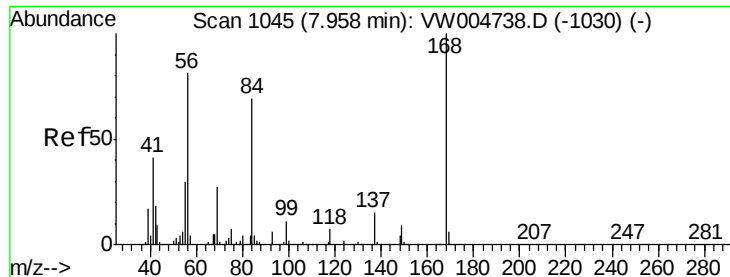
Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	83	Resp:	62085
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.0	76.6





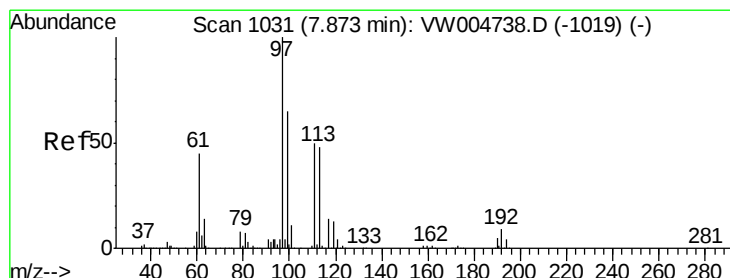
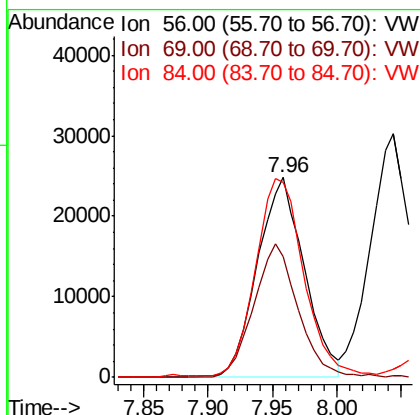
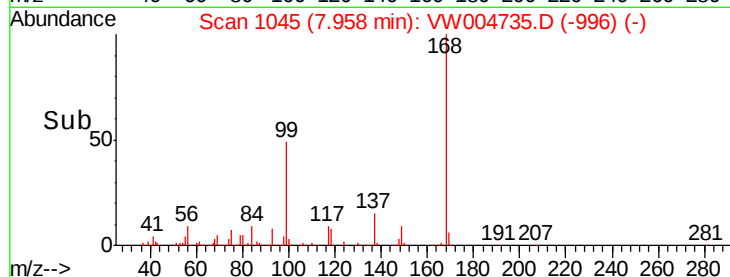
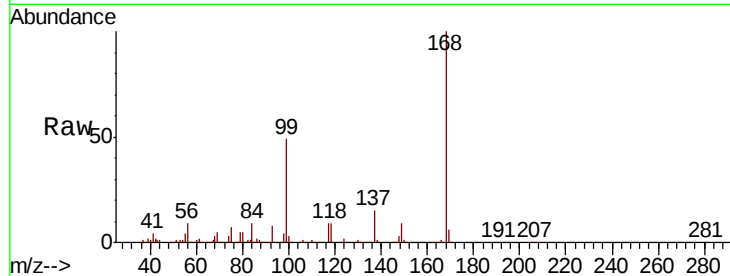
#31
Cyclohexane
Concen: 5.18 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	60.0	27.1	40.7#
84	96.8	68.3	102.5

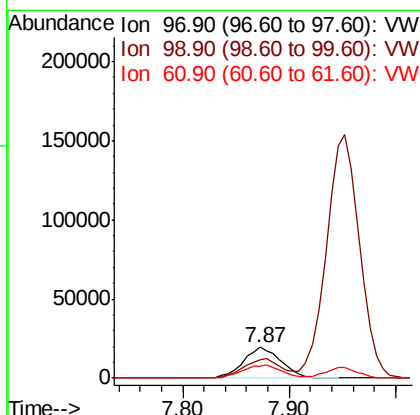
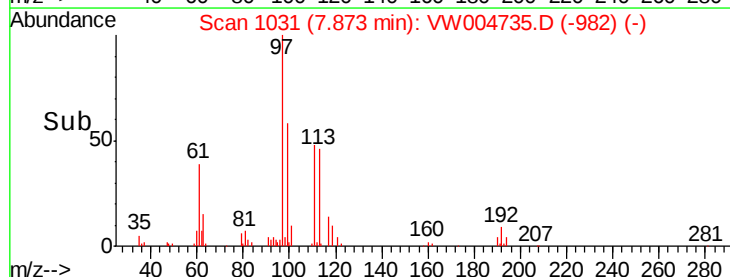
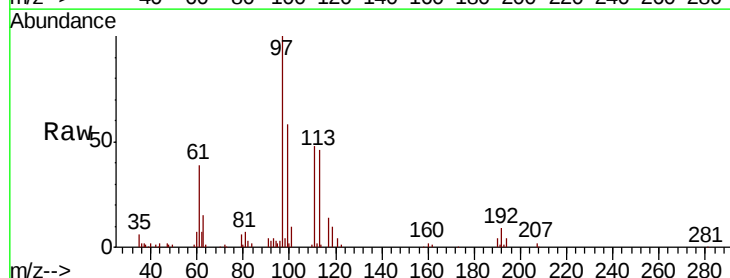
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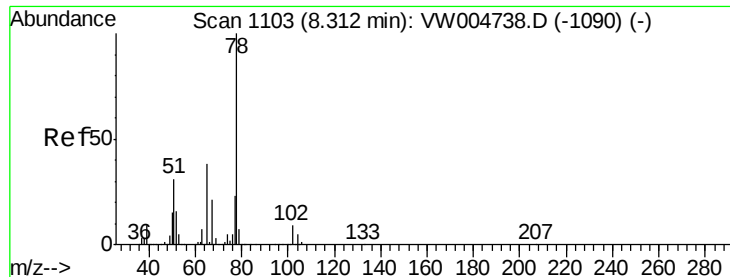
apatel
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#32
1,1,1-Trichloroethane
Concen: 4.98 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.7	77.5
61	43.5	34.4	51.6





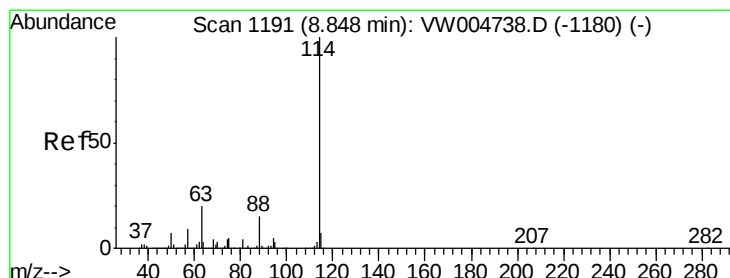
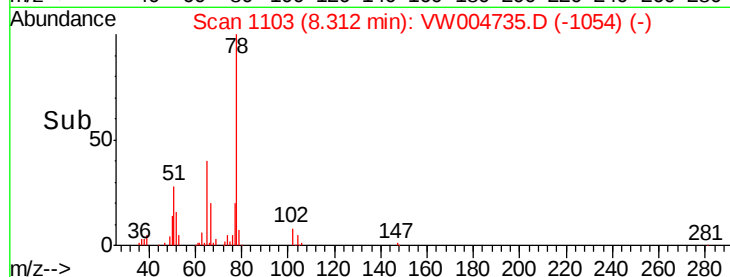
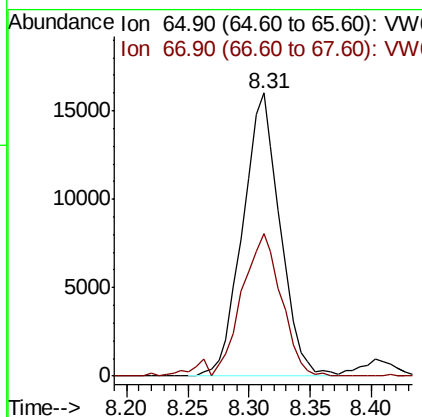
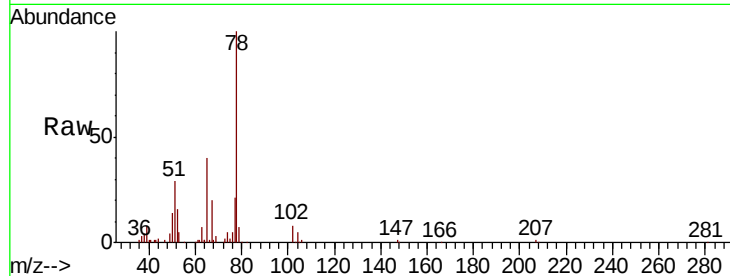
#33
 1,2-Dichloroethane-d4
 Concen: 5.49 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	109.4	

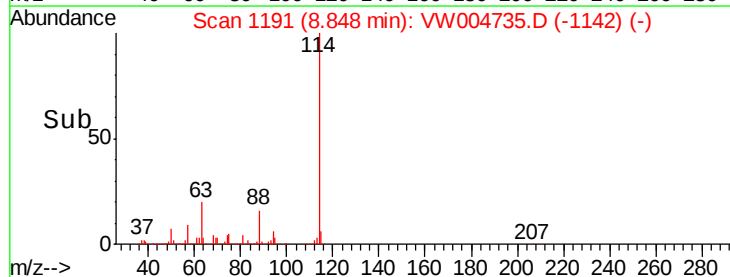
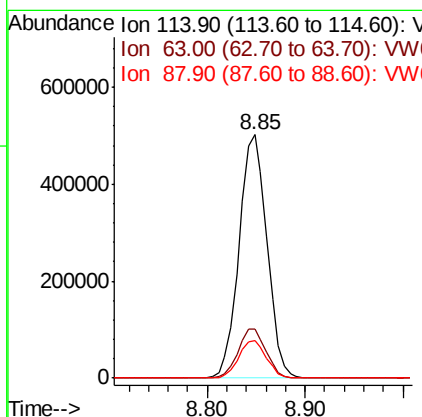
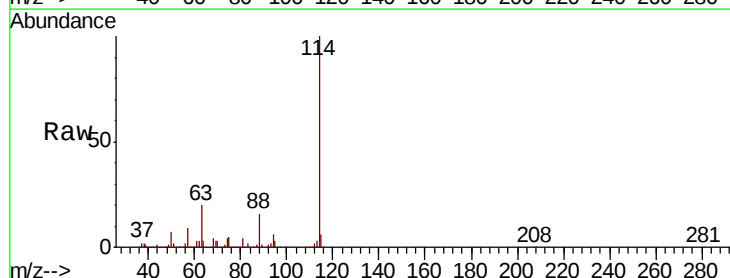
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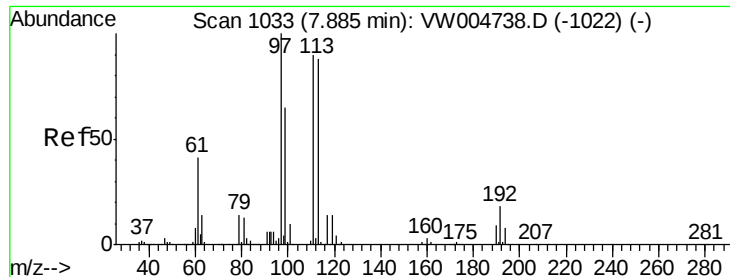
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	39.0	
88	15.6	0.0	30.0	





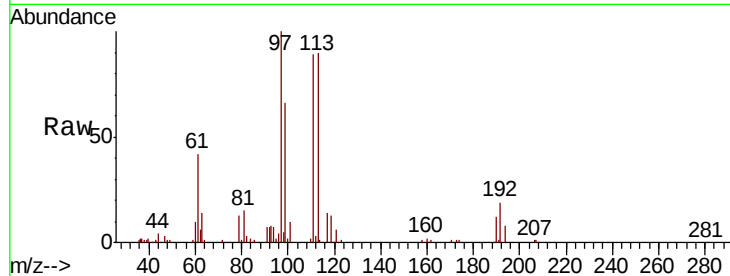
#35
 Dibromofluoromethane
 Concen: 5.22 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

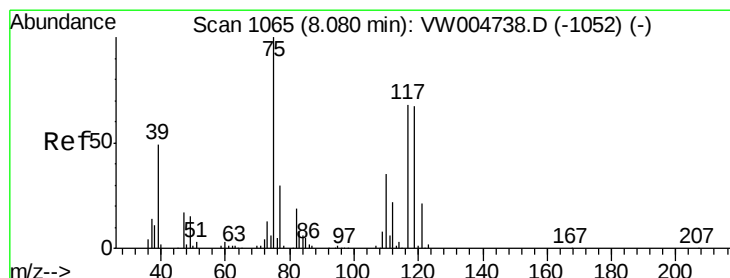
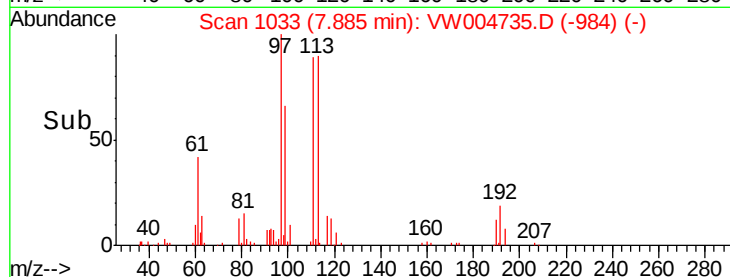
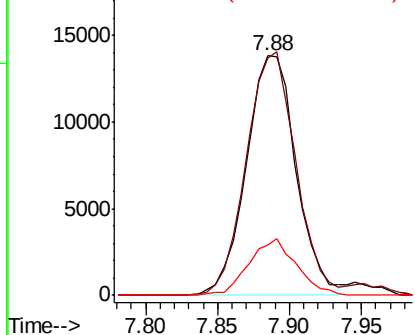
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	22.4	16.7	25.1

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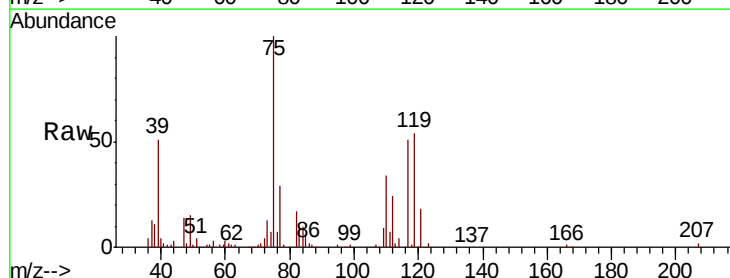


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

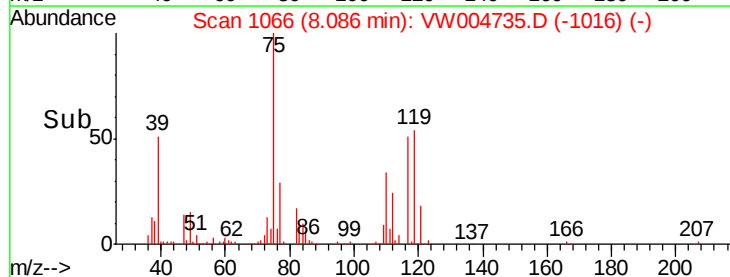
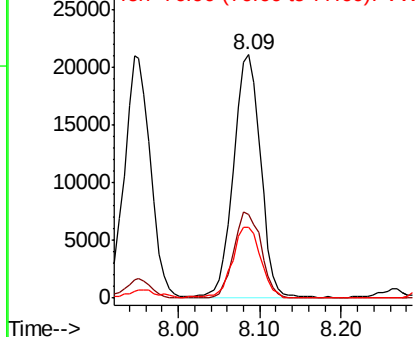


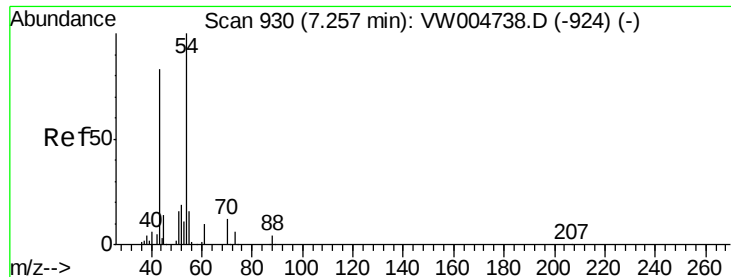
#36
 1,1-Dichloropropene
 Concen: 4.77 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	30.4	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





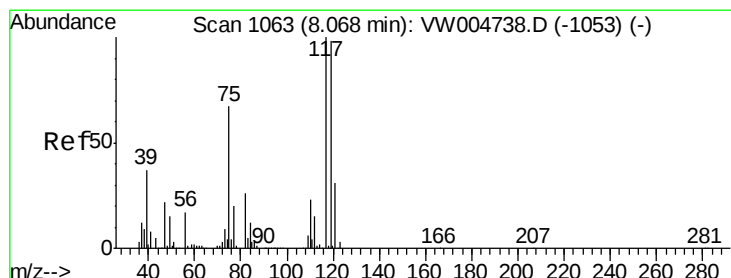
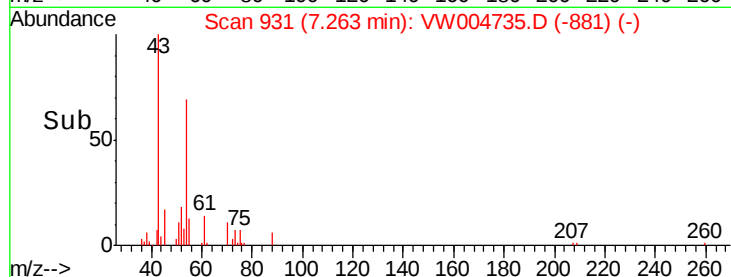
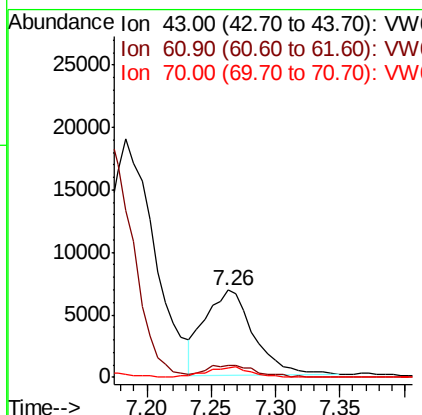
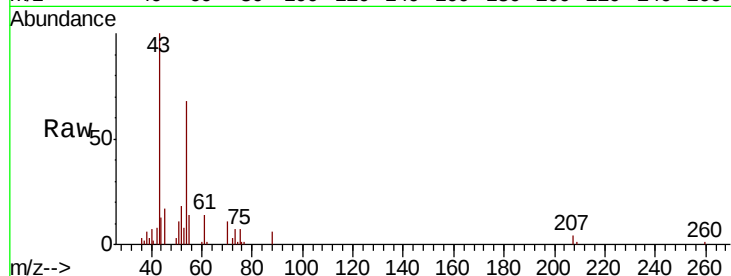
#37
Ethyl Acetate
Concen: 4.41 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.6	17.4
70	11.1	9.2	13.8

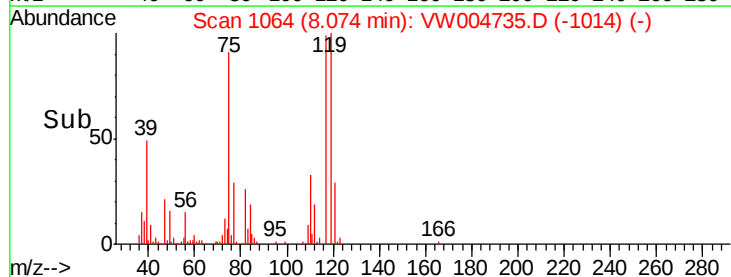
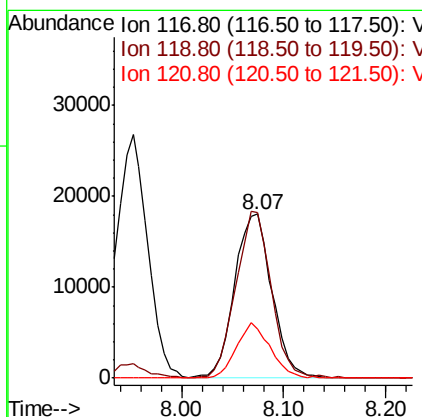
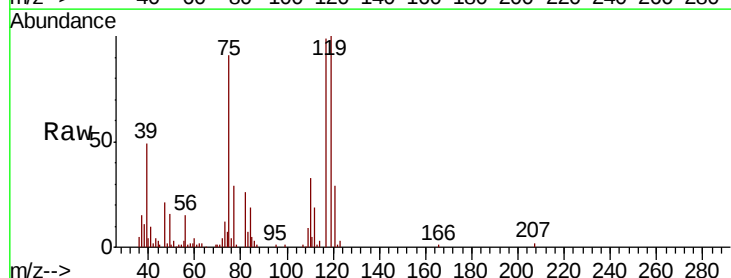
Manual Integrations
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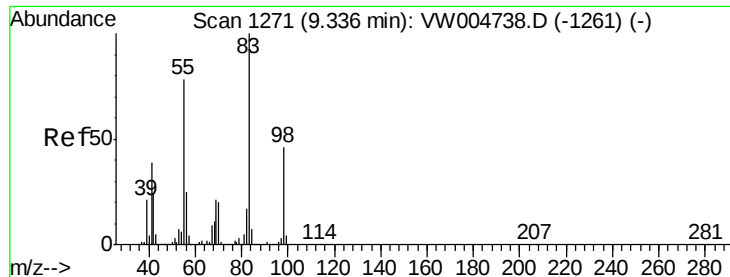
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#38
Carbon Tetrachloride
Concen: 4.87 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	78.0	117.0
121	29.6	24.8	37.2





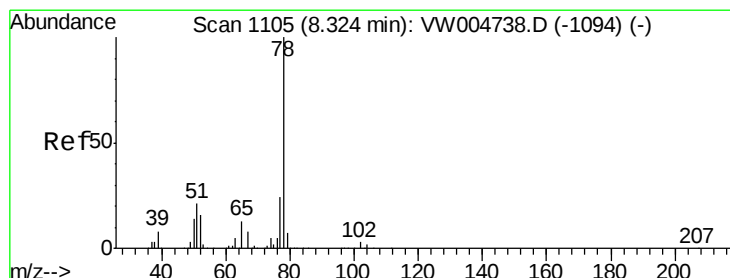
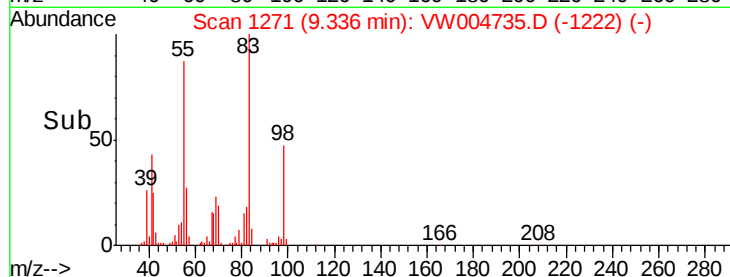
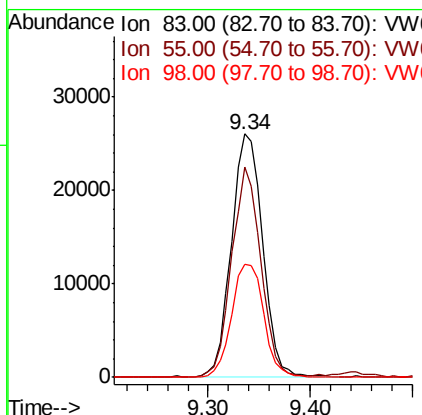
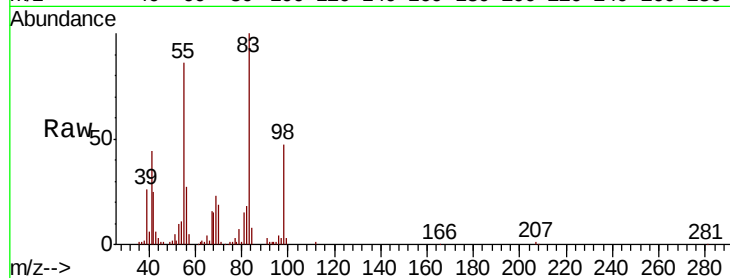
#39
Methvlcvclohexane
Concen: 4.33 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	62.4	93.6
98	46.7	36.5	54.7

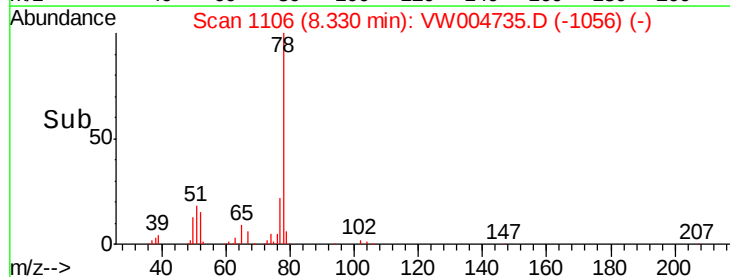
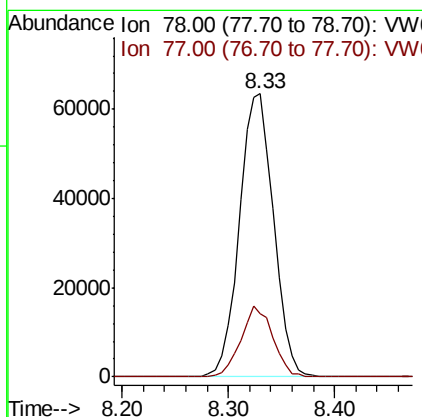
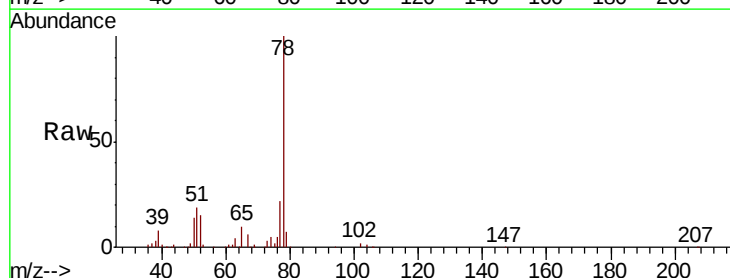
Manual Integrations
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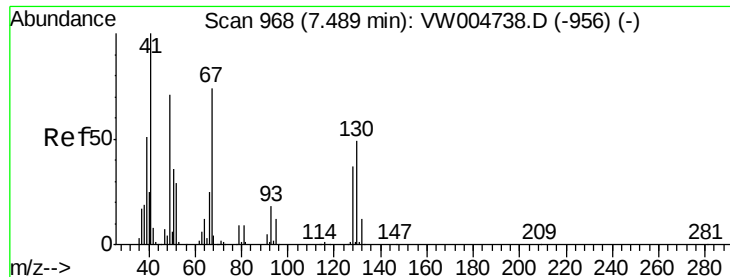
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#40
Benzene
Concen: 4.82 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.6





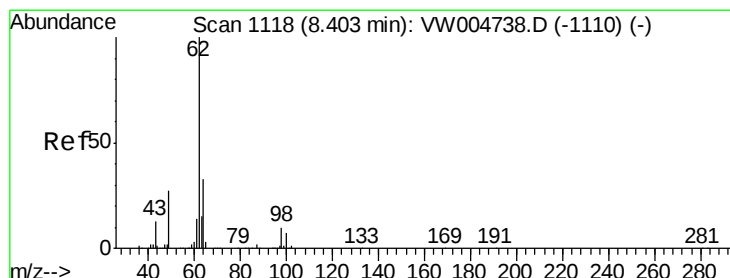
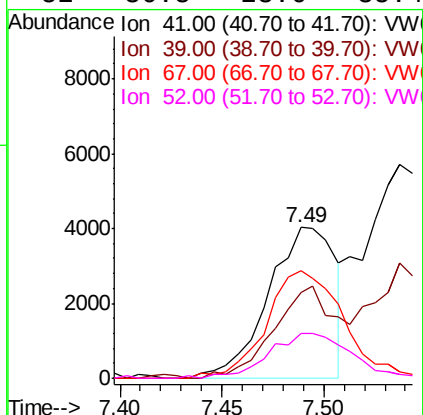
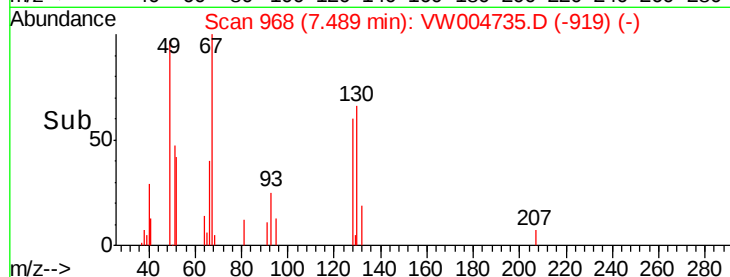
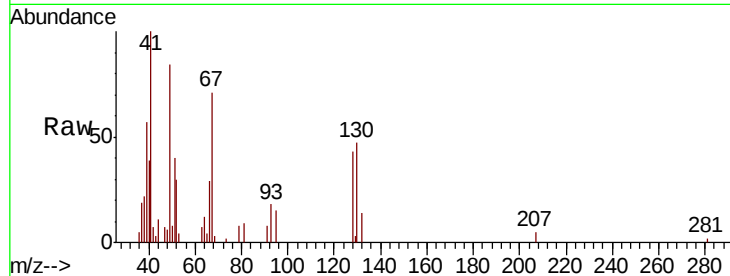
#41
Methacrylonitrile
Concen: 4.00 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	41	Resp:	9246
Ion	Ratio	Lower	Upper
41	100		
39	58.5	41.0	61.4
67	81.6	59.5	89.3
52	36.8	23.6	35.4#

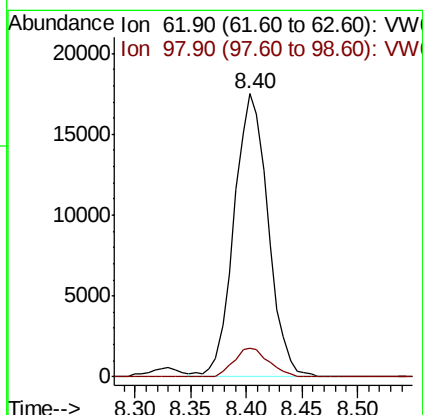
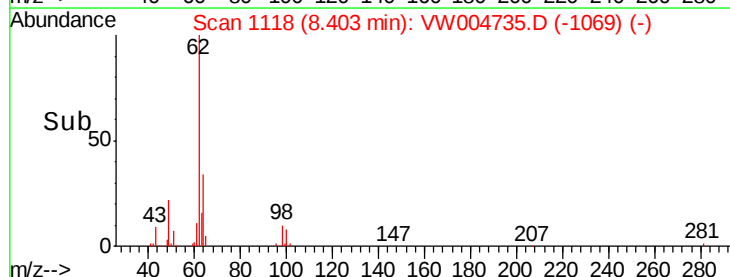
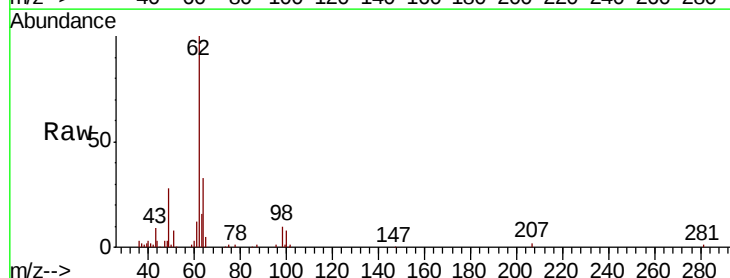
Manual Integrations
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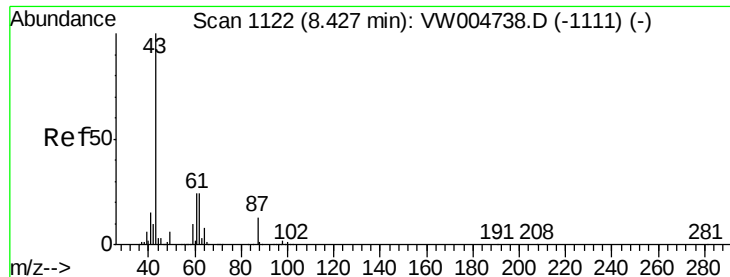
apatel
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#42
1,2-Dichloroethane
Concen: 4.88 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	62	Resp:	37139
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 4.40 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

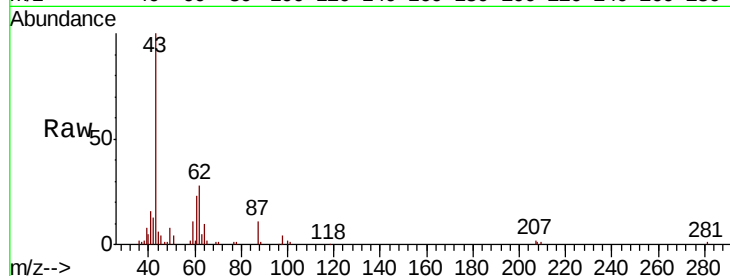
ClientSampleId :

VSTDIC005

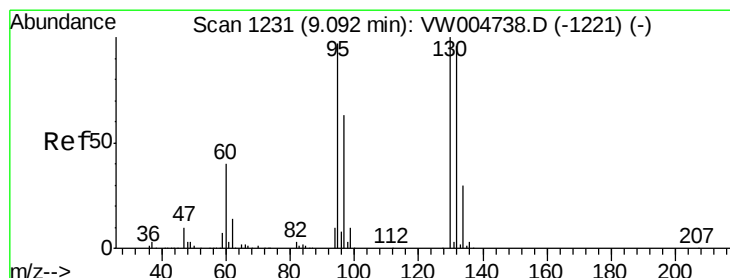
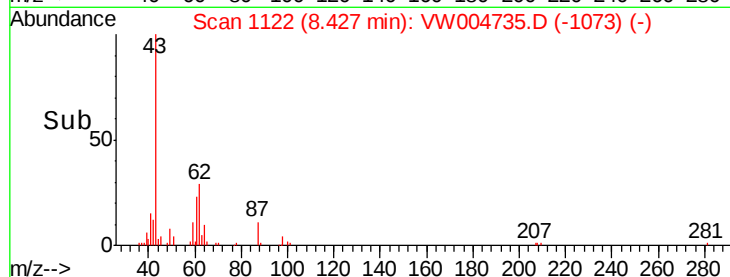
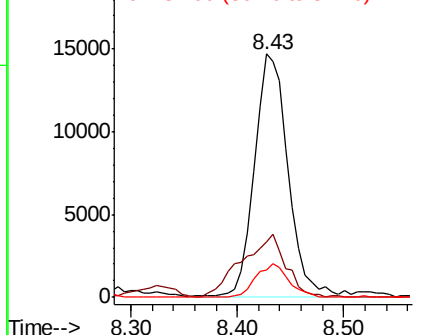
Tot Ion:	43	Resp:	32198
Ion	Ratio	Lower	Upper
43	100		
61	34.5	26.2	39.4
87	13.5	10.9	16.3

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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.94 ug/l

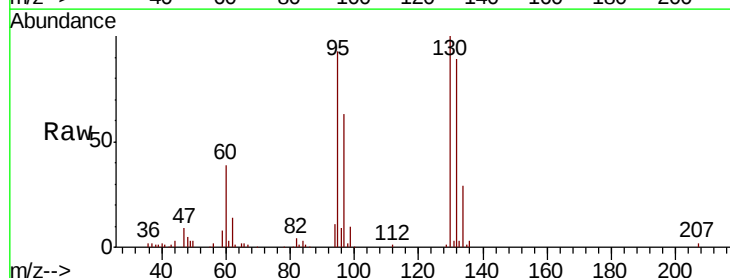
RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

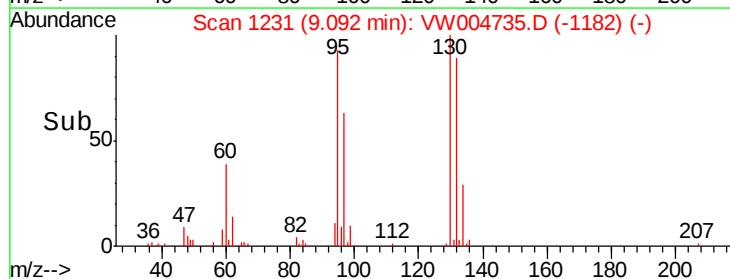
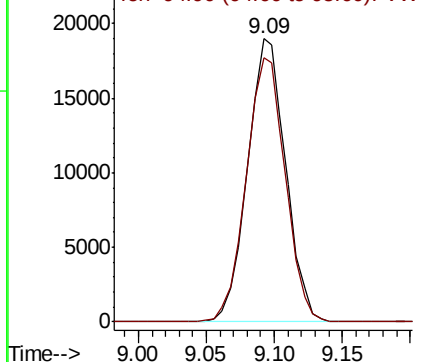
Lab File: VW004735.D

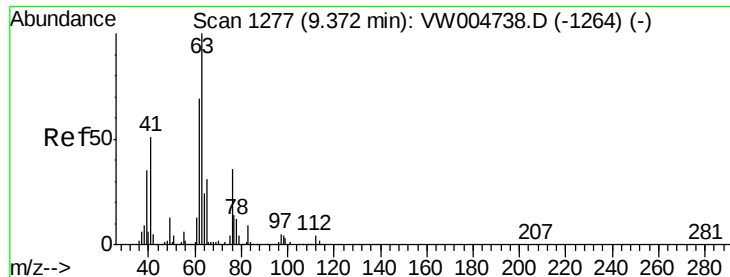
Acq: 17 Aug 2018 15:54

Tgt Ion:	130	Resp:	37218
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	194.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





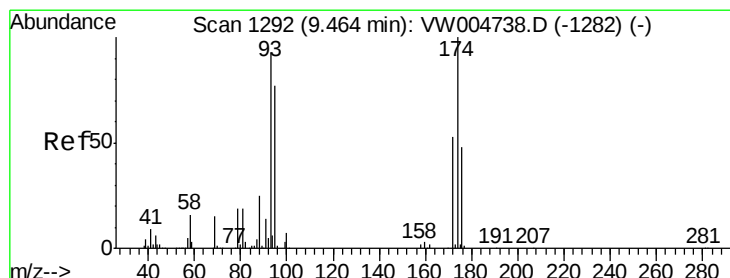
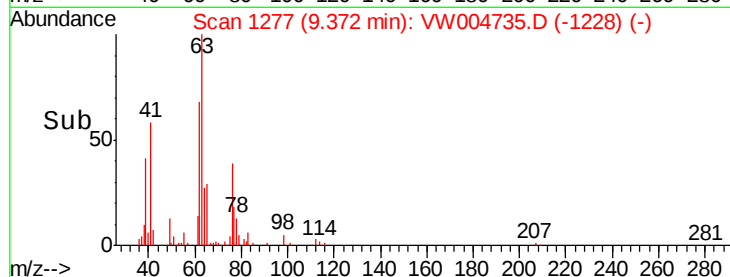
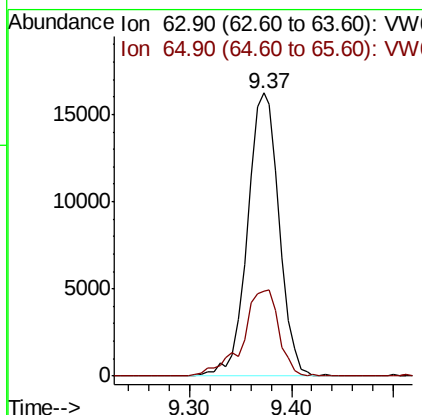
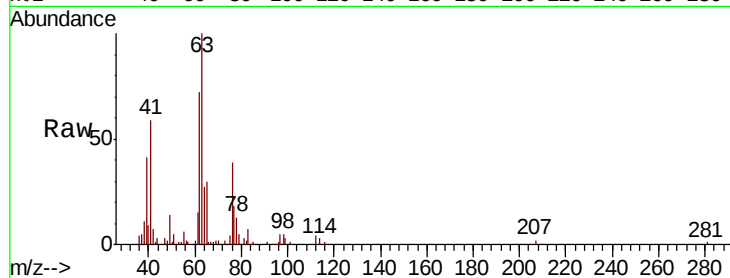
#45
 1,2-Dichloropropane
 Concen: 4.81 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	37.0

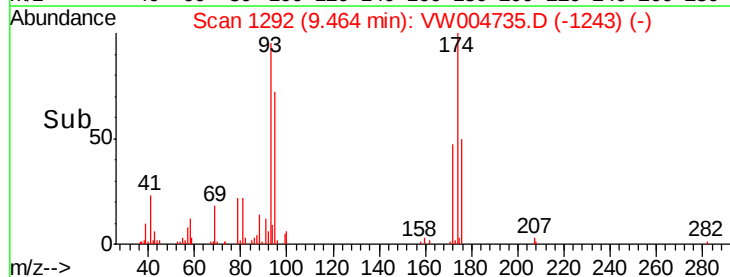
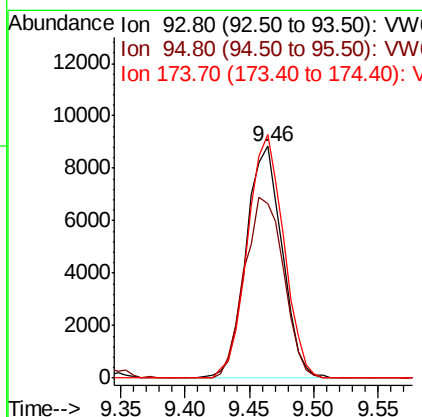
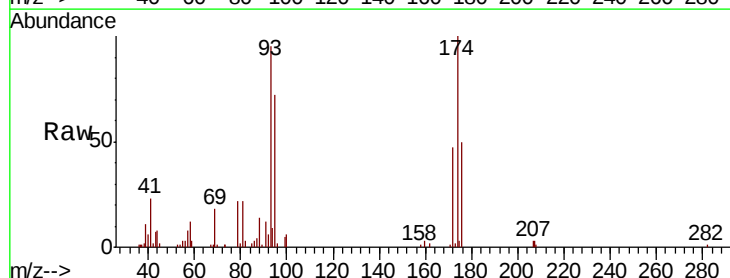
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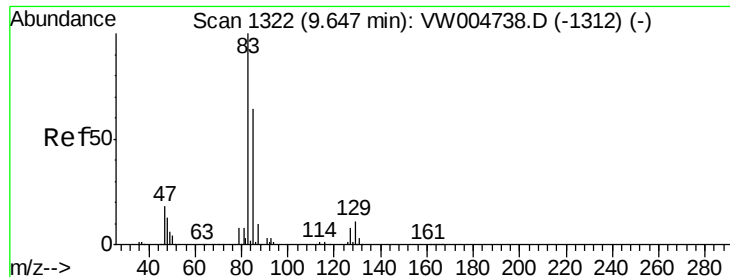
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#46
 Dibromomethane
 Concen: 4.74 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	66.6	99.8
174	105.7	85.3	127.9





#47

Bromodichloromethane

Concen: 4.73 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

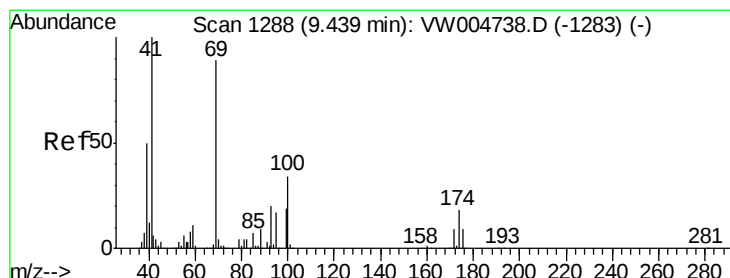
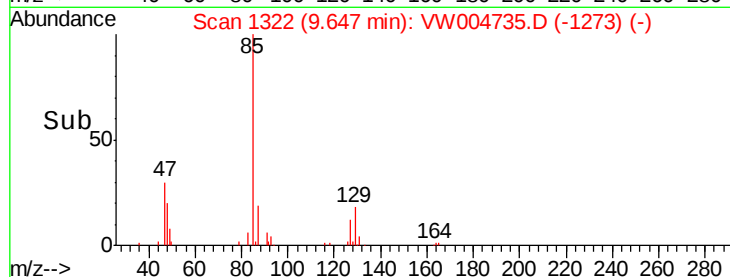
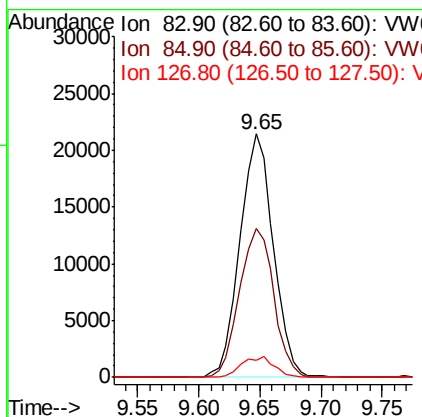
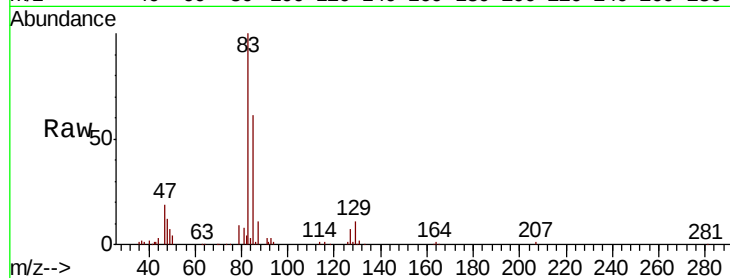
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	40611
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.2	76.8
127	7.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.13 ug/l

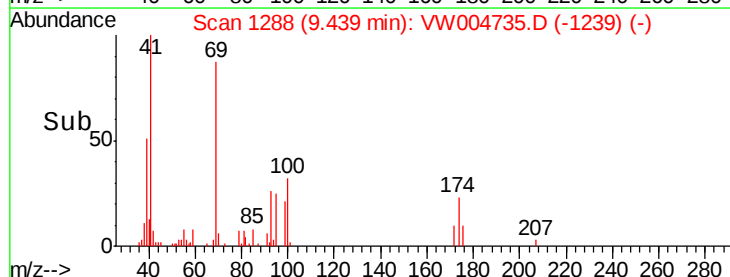
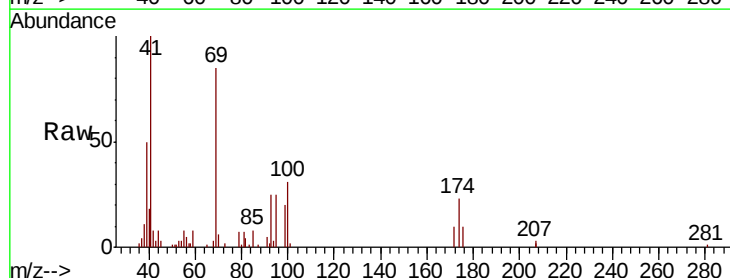
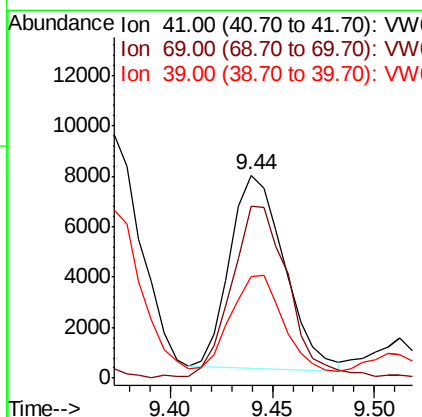
RT: 9.44 min Scan# 1288

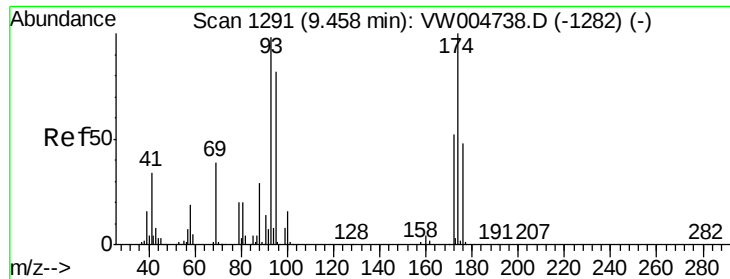
Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	41	Resp:	14164
Ion	Ratio	Lower	Upper
41	100		
69	94.7	75.2	112.8
39	54.9	39.8	59.6





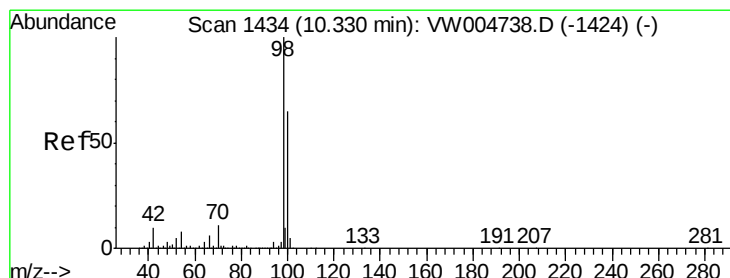
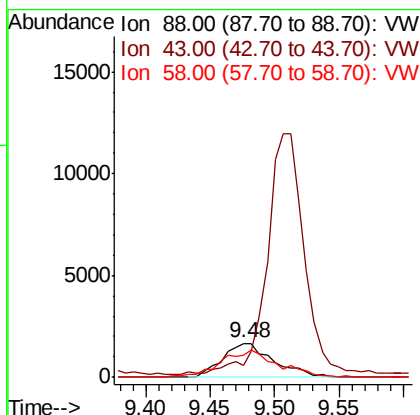
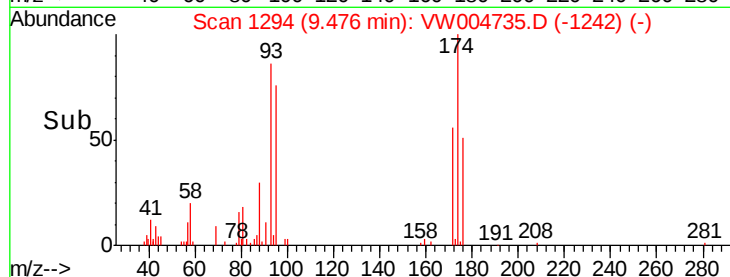
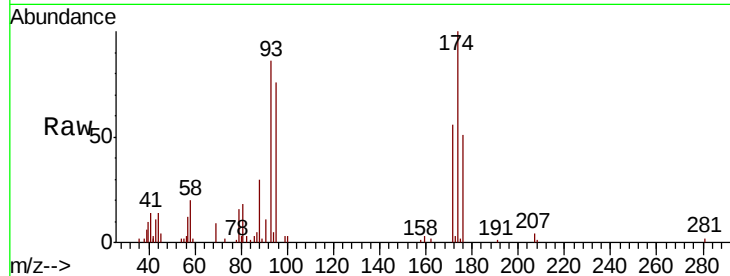
#49
1,4-Dioxane
Concen: 87.37 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	89.4	60.0	90.0

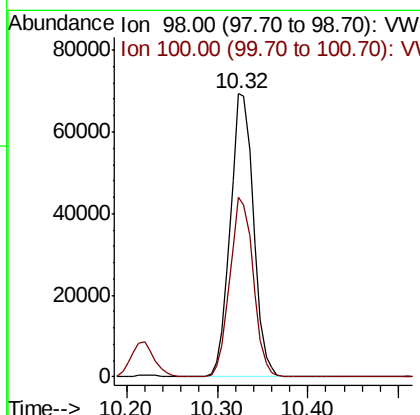
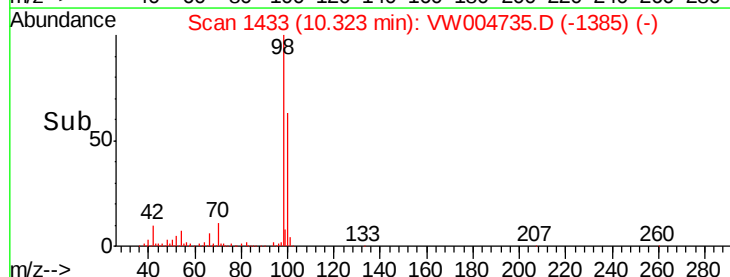
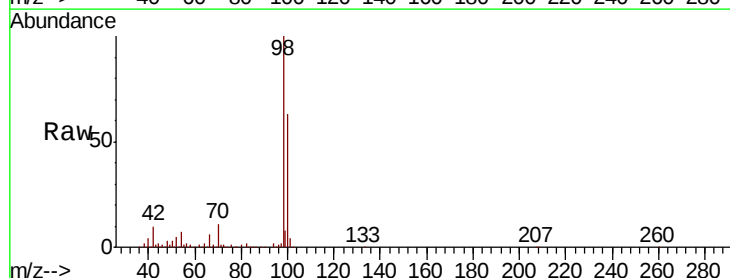
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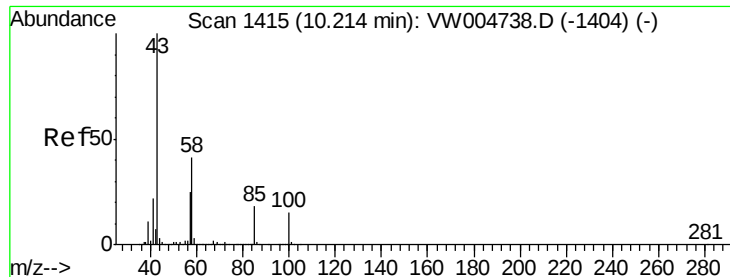
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#50
Toluene-d8
Concen: 5.01 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 20.72 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 102389

Ion Ratio Lower Upper

43 100

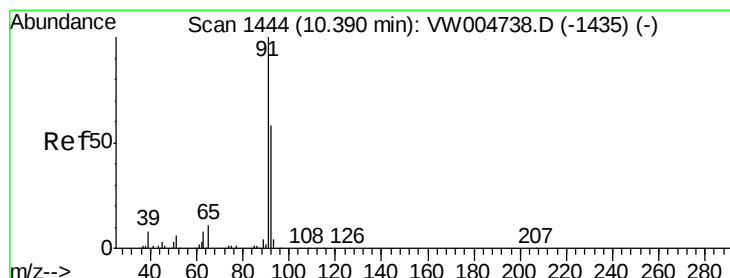
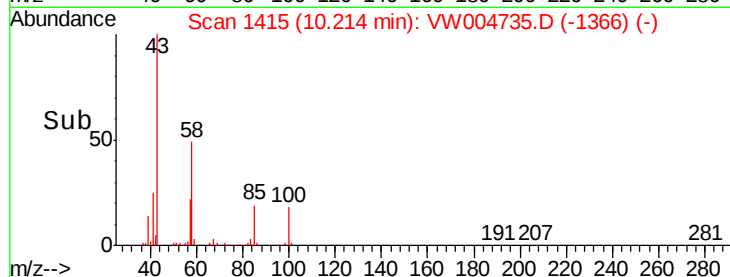
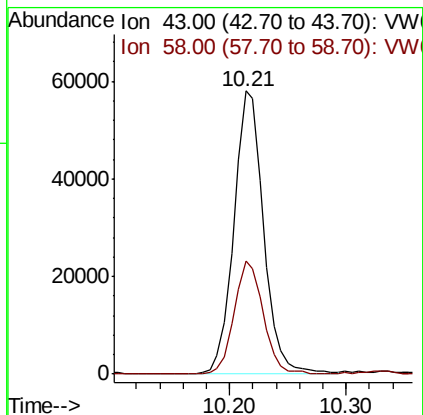
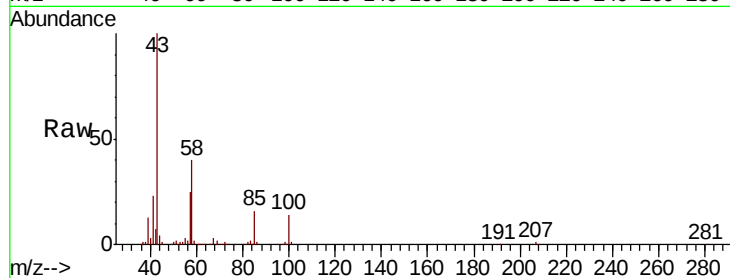
58 39.5 32.7 49.1

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#52

Toluene

Concen: 4.58 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004735.D

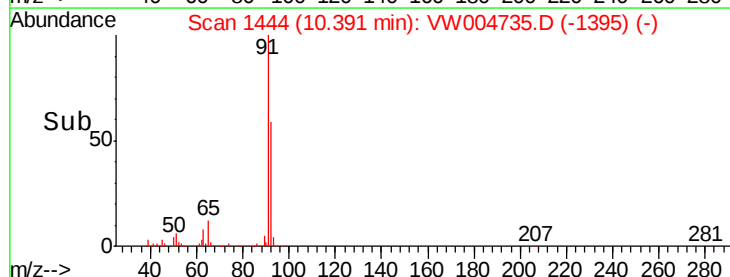
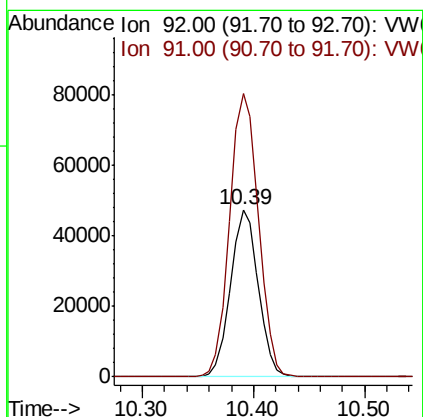
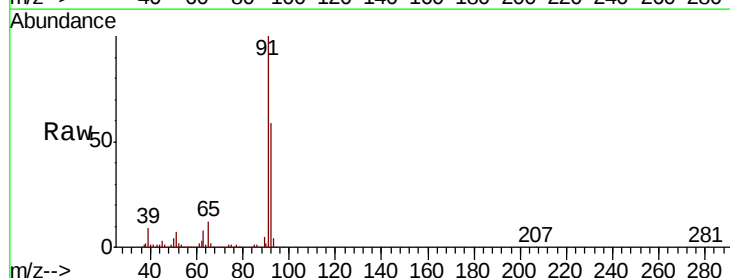
Acq: 17 Aug 2018 15:54

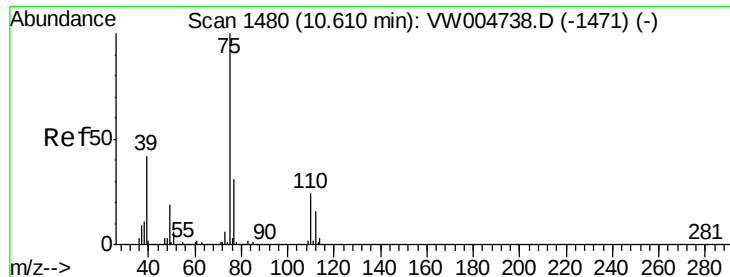
Tgt Ion: 92 Resp: 81595

Ion Ratio Lower Upper

92 100

91 176.2 138.3 207.5





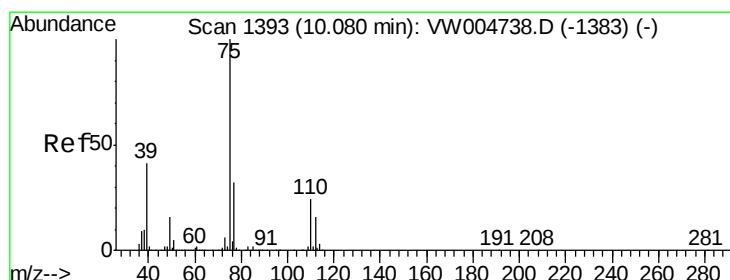
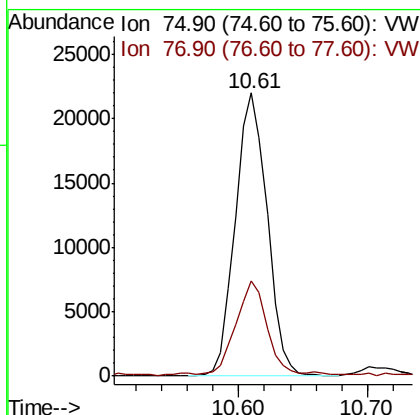
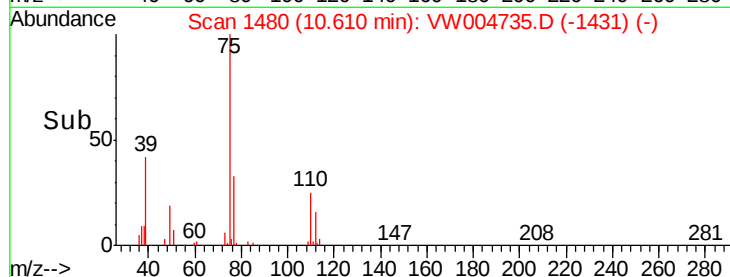
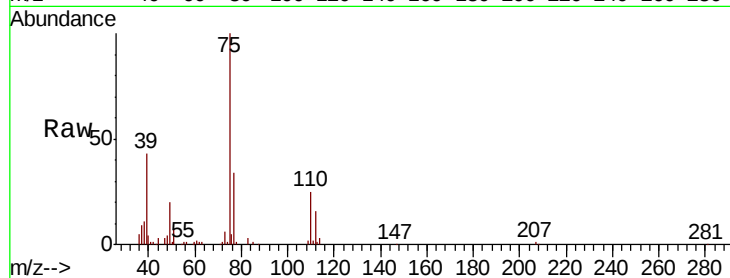
#53
 t-1,3-Dichloropropene
 Concen: 4.37 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.8	37.2

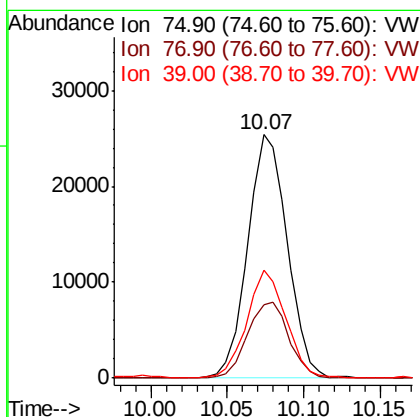
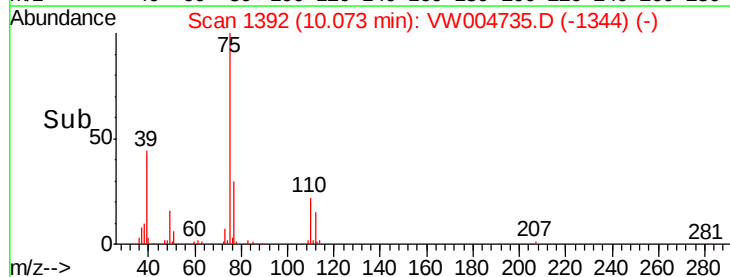
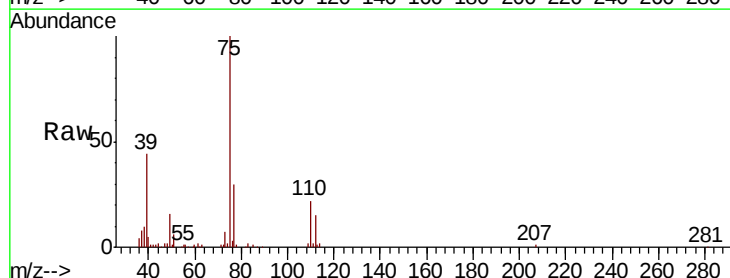
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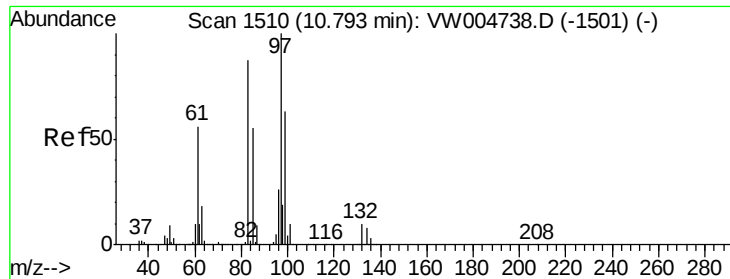
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#54
 cis-1,3-Dichloropropene
 Concen: 4.43 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.6	38.4
39	44.4	33.0	49.4





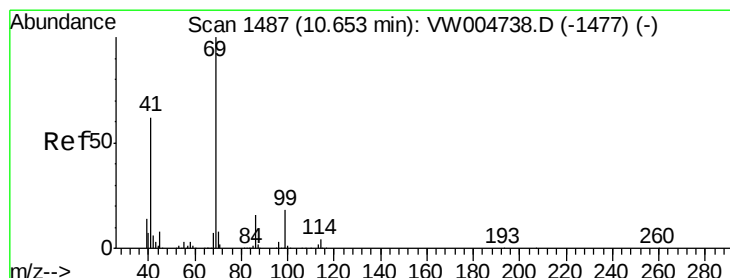
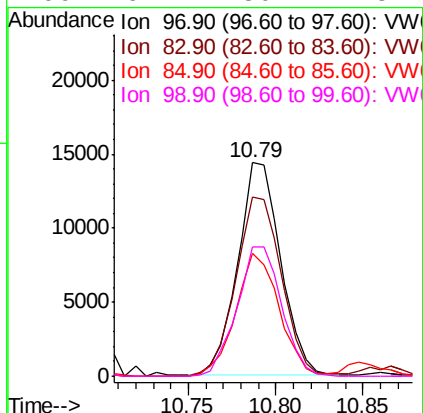
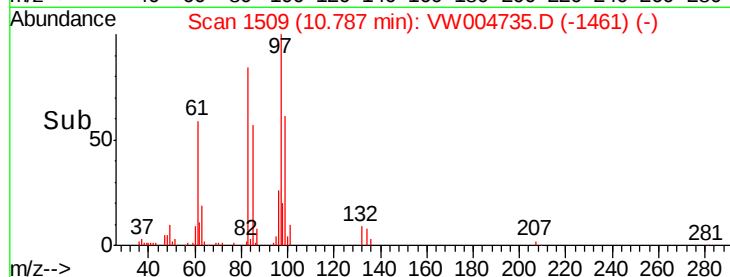
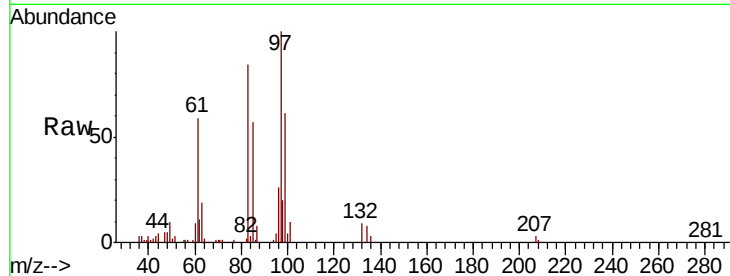
#55
 1,1,2-Trichloroethane
 Concen: 4.79 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	24503
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.4	104.2
85	57.8	44.3	66.5
99	61.2	50.2	75.2

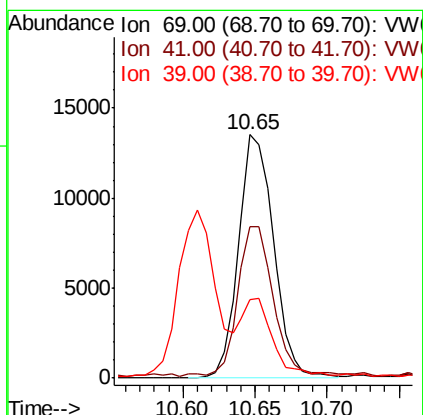
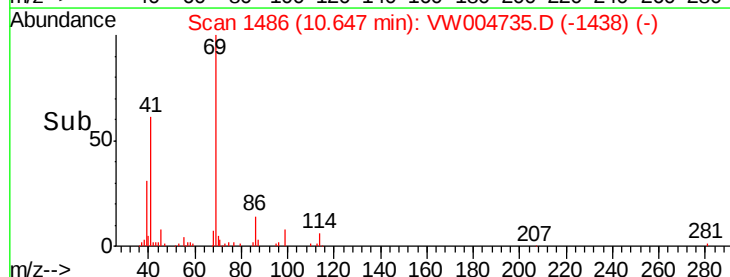
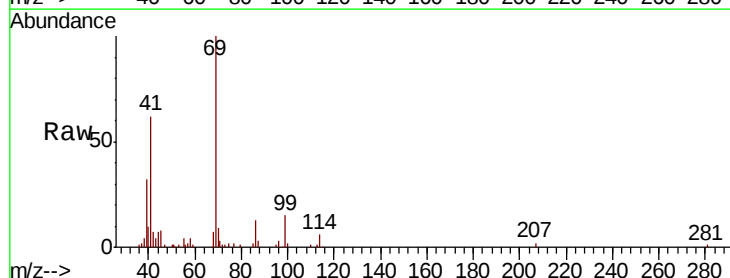
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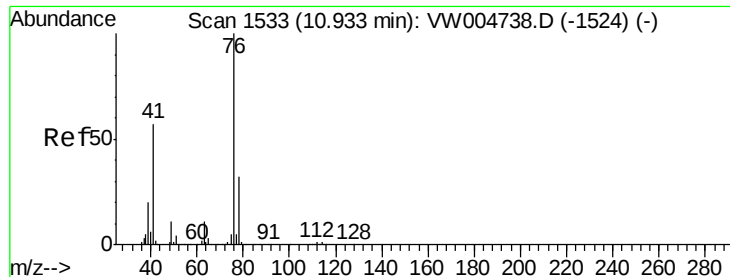
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#56
 Ethyl methacrylate
 Concen: 3.80 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion:	69	Resp:	22940
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.7	76.1
39	27.8	21.4	32.2





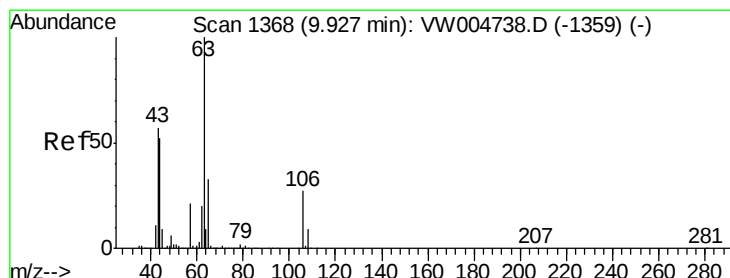
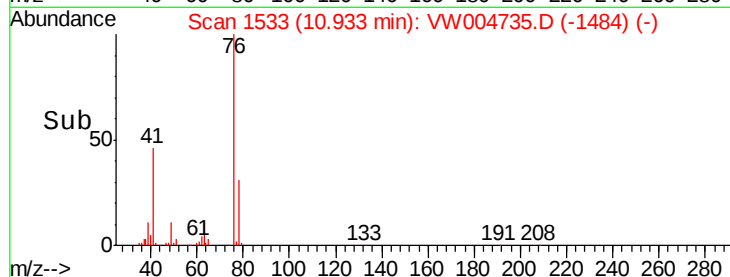
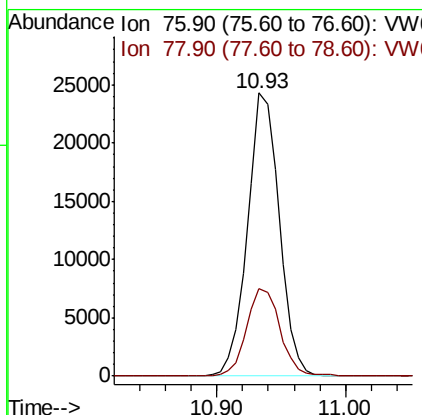
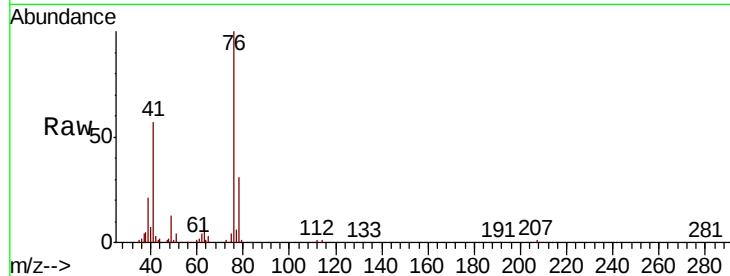
#57
 1,3-Dichloropropane
 Concen: 4.67 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

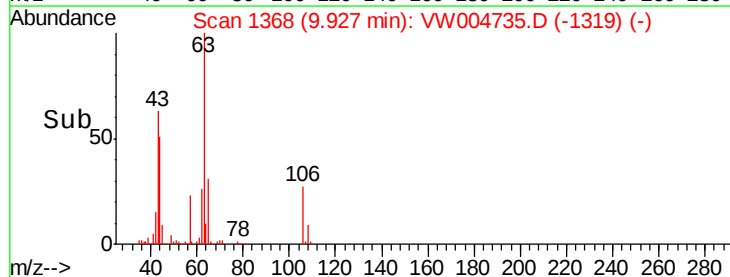
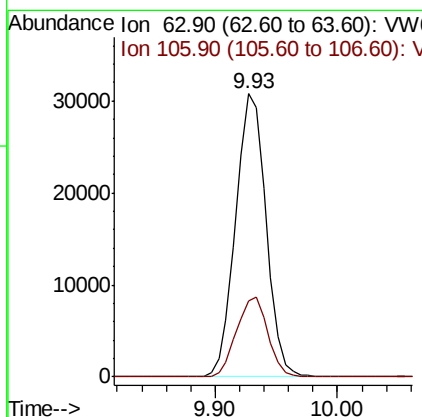
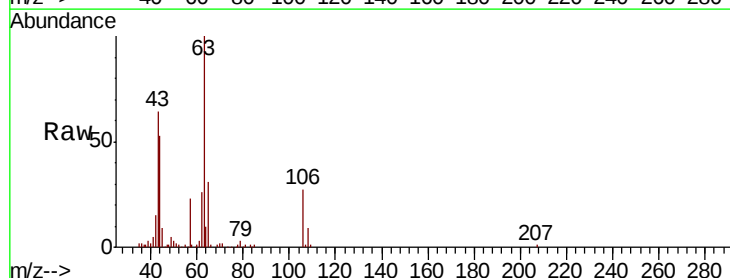
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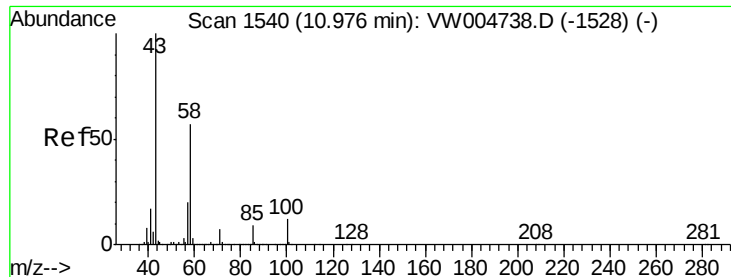
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 18.82 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.1	33.1





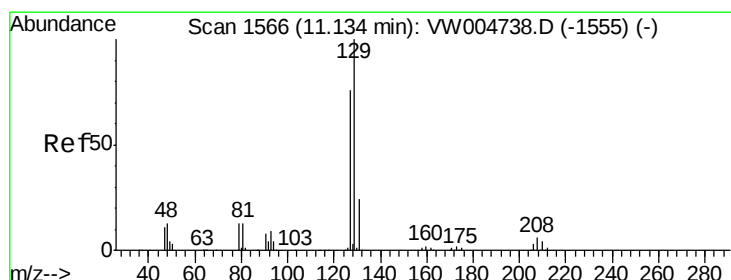
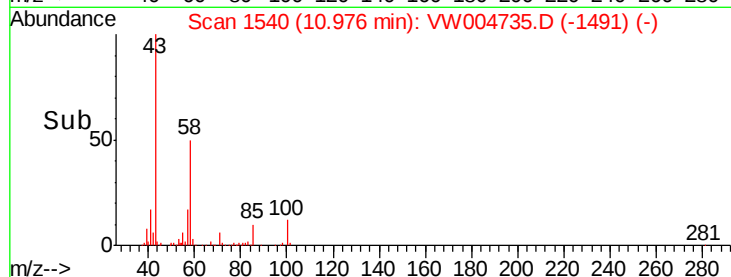
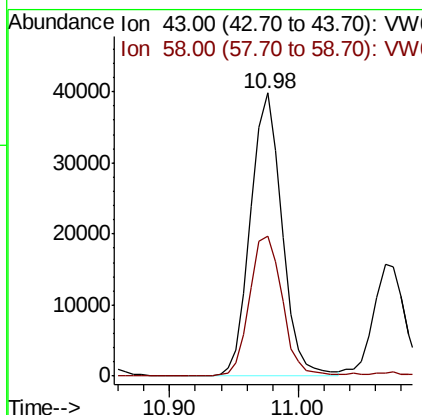
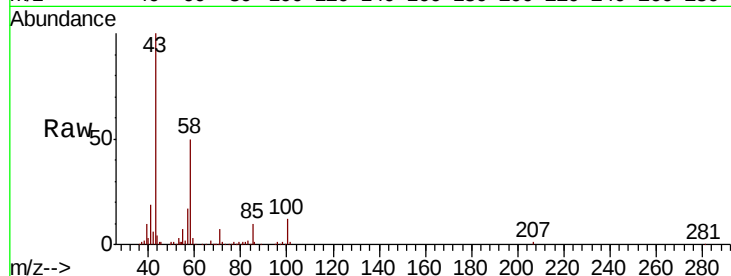
#59
2-Hexanone
Concen: 19.98 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	28.1	84.4

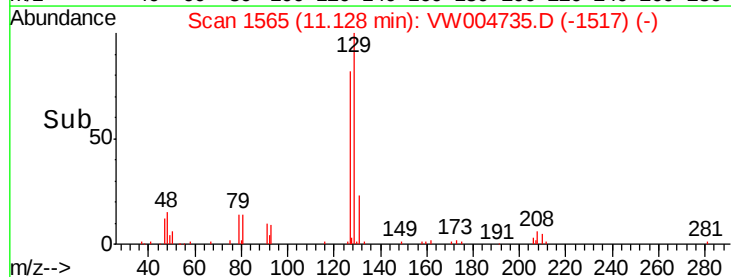
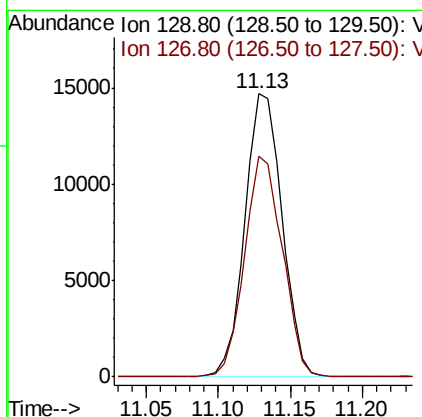
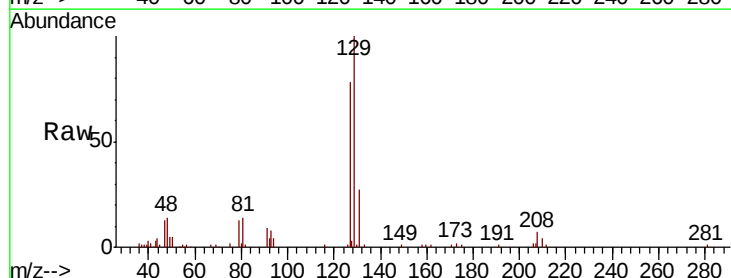
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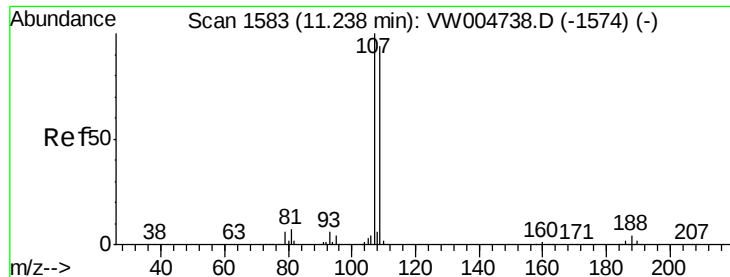
apatel
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#60
Dibromochloromethane
Concen: 4.58 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	38.5	115.5





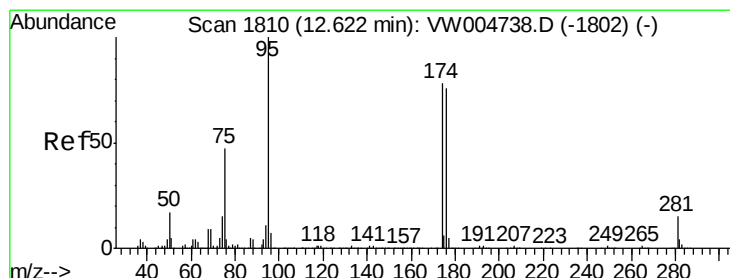
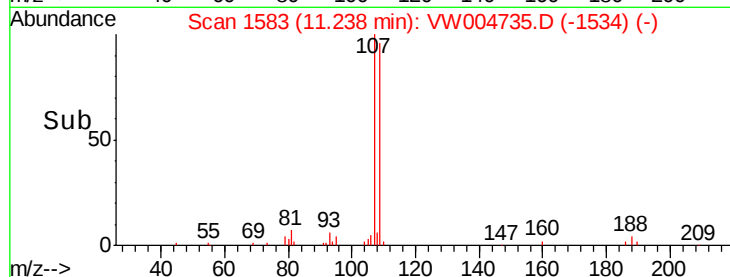
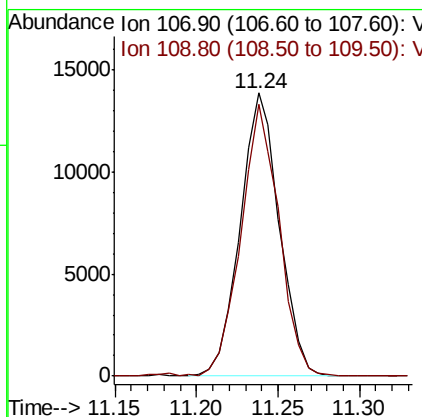
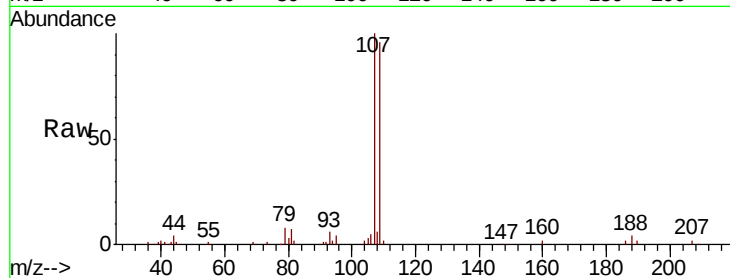
#61
 1,2-Dibromoethane
 Concen: 4.73 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.5	113.3

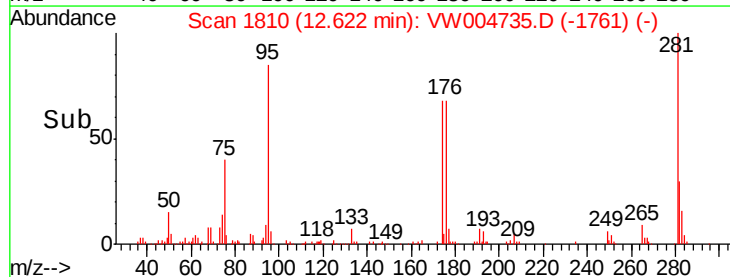
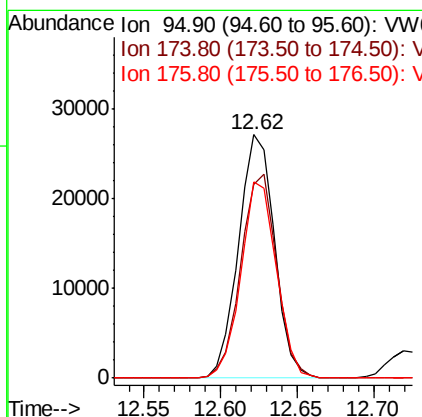
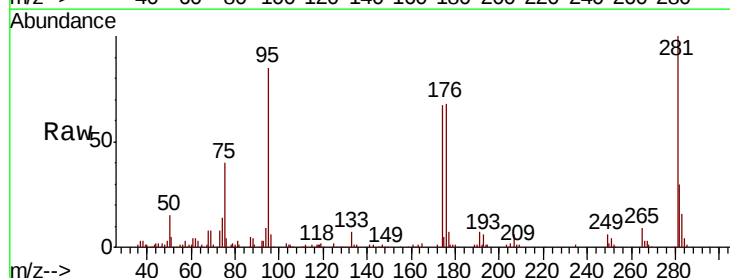
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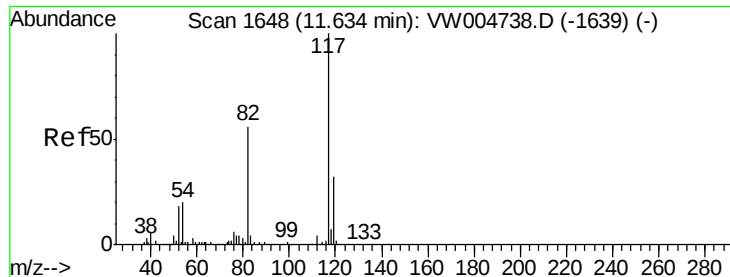
apatel
 8/20/2018 9:53:39 AM



#62
 4-Bromofluorobenzene
 Concen: 4.98 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	165.8
176	79.6	0.0	159.8





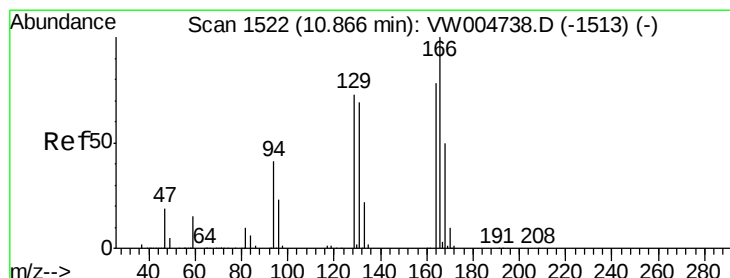
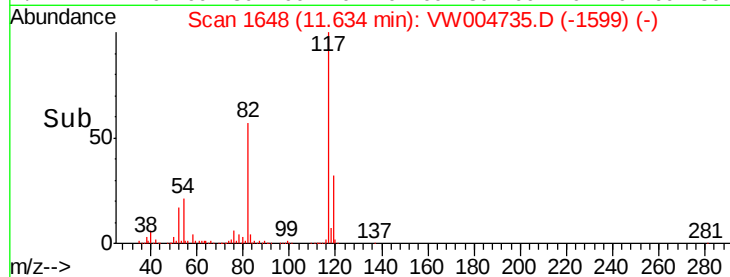
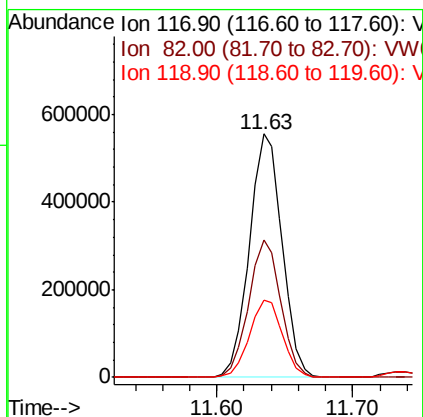
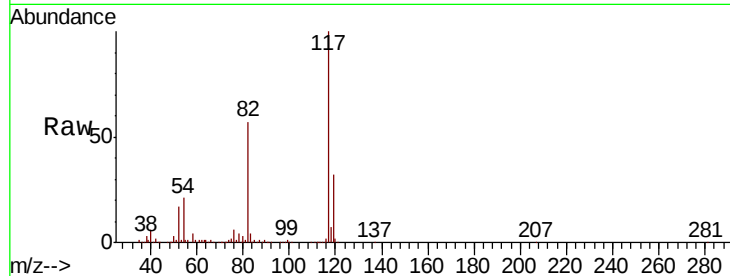
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:117	Resp:	937220
Ion Ratio	Lower	Upper
117 100		
82 56.7	44.6	67.0
119 31.7	25.6	38.4

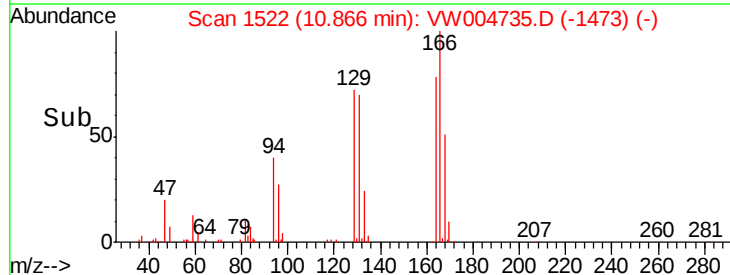
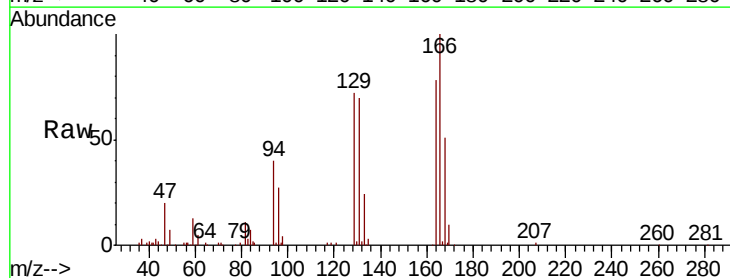
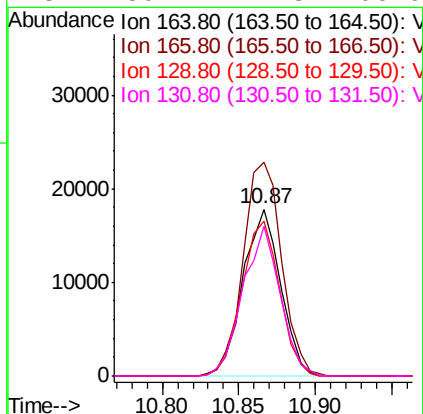
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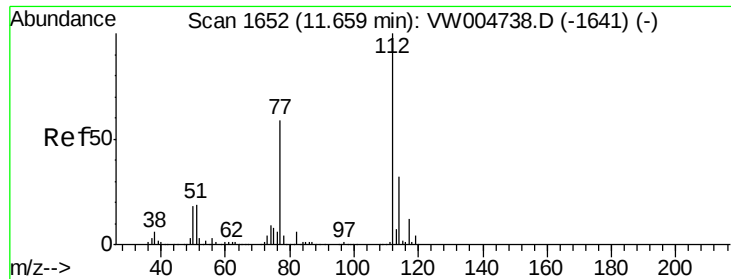
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#64
Tetrachloroethene
Concen: 4.75 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:164	Resp:	30394
Ion Ratio	Lower	Upper
164 100		
166 128.3	102.5	153.7
129 92.7	75.1	112.7
131 89.7	71.3	106.9





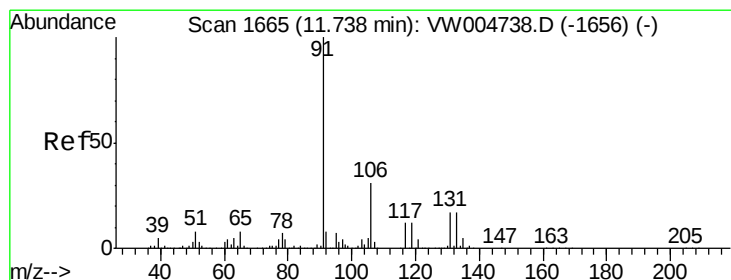
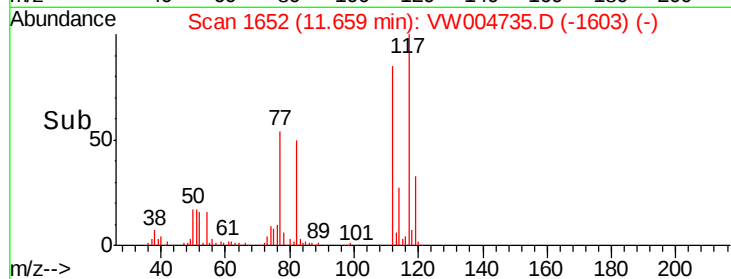
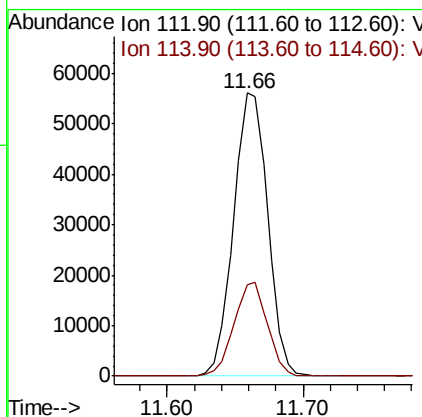
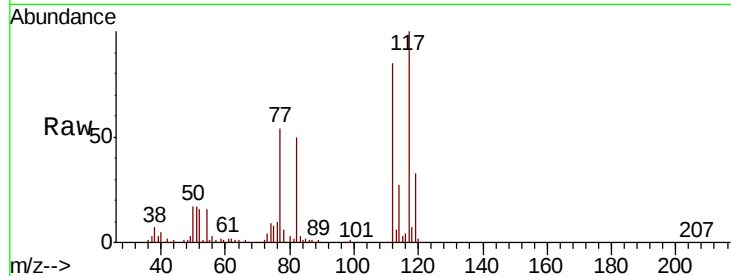
#65
Chlorobenzene
Concen: 4.87 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2

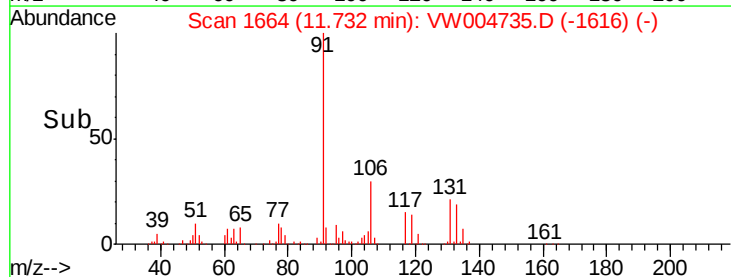
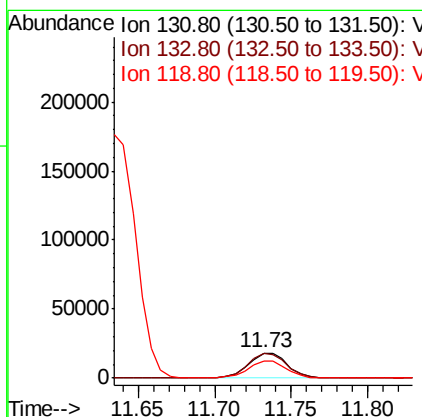
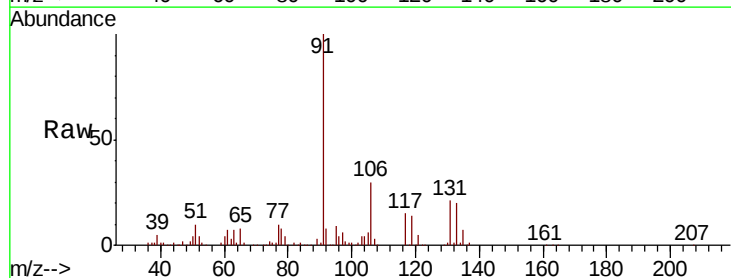
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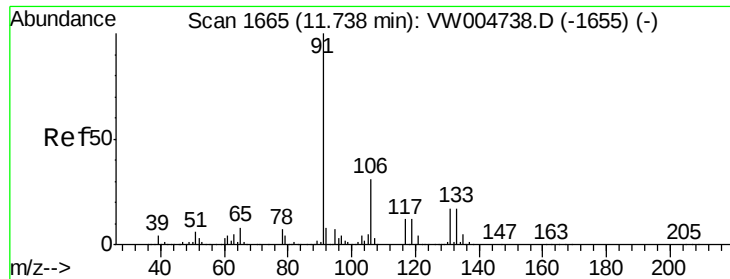
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.68 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.2	144.6
119	66.7	34.0	102.0





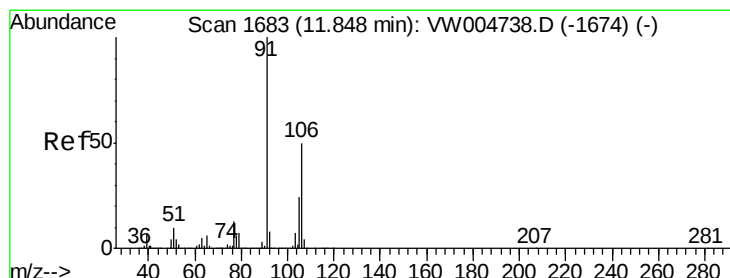
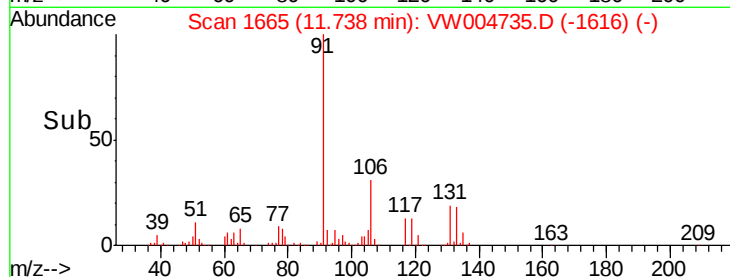
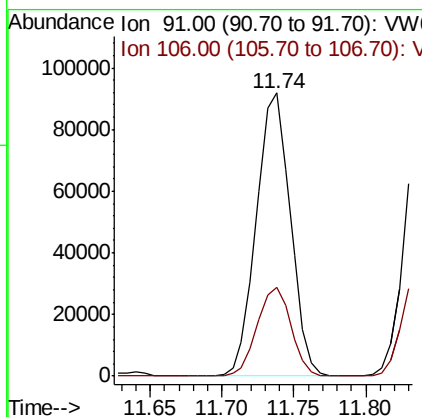
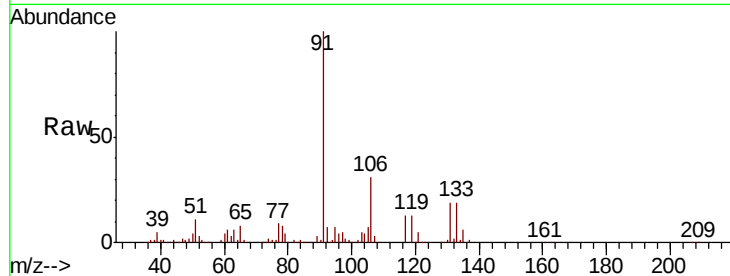
#67
Ethyl Benzene
Concen: 4.40 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 150497
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

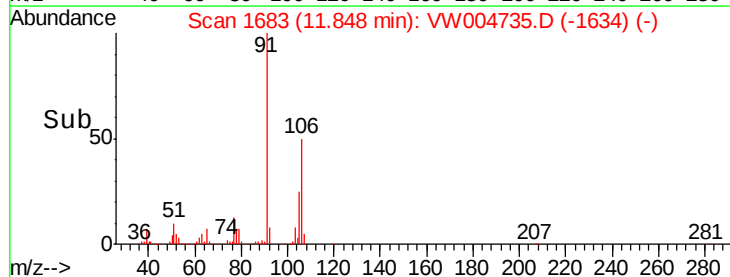
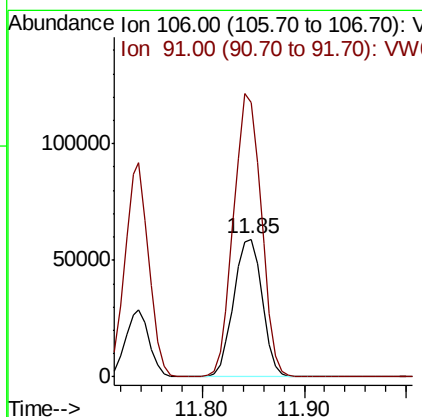
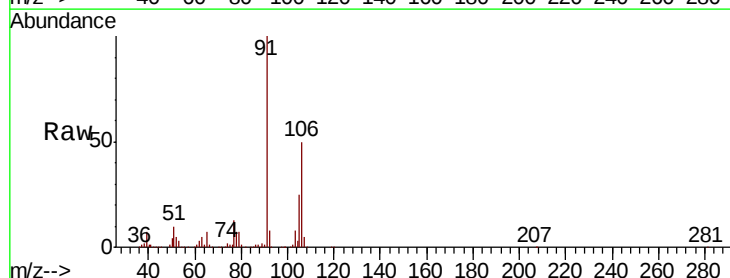
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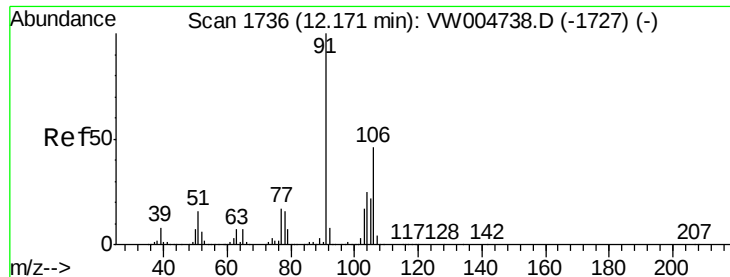
apatel
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#68
m/p-Xylenes
Concen: 8.59 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion: 106 Resp: 114220
Ion Ratio Lower Upper
106 100
91 199.7 159.9 239.9





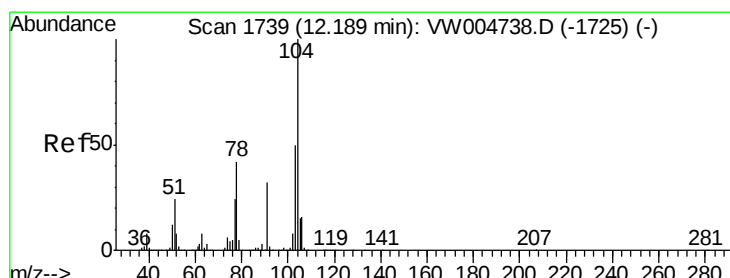
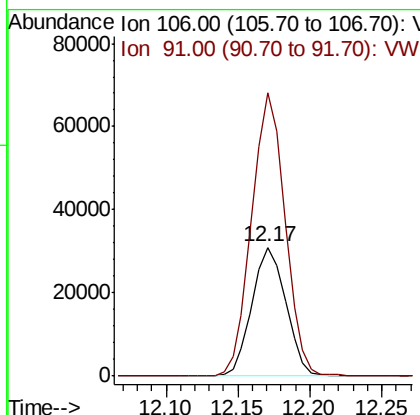
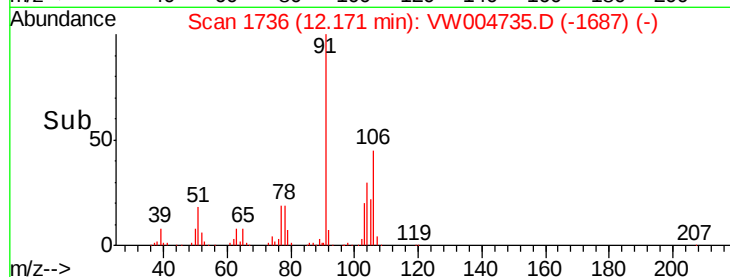
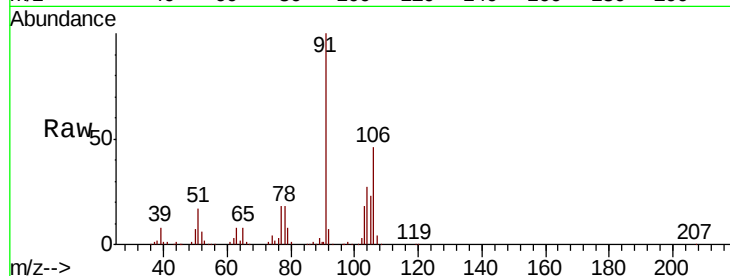
#69
o-Xylene
Concen: 4.12 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.3	321.8

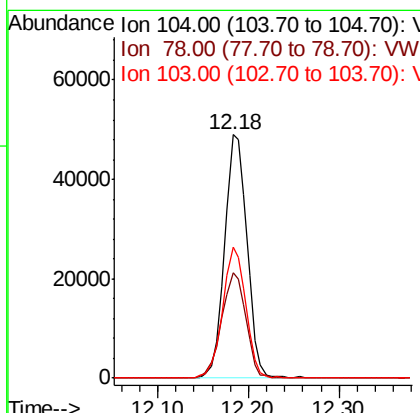
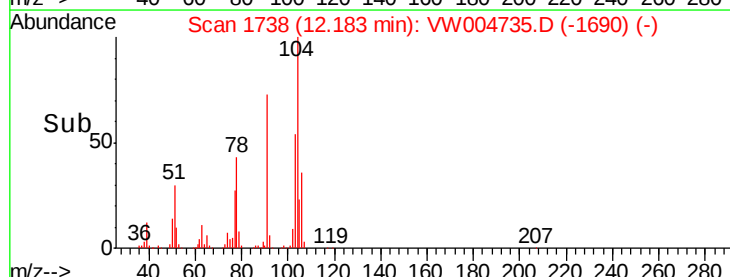
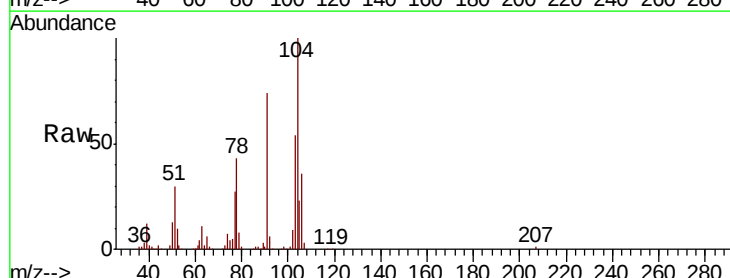
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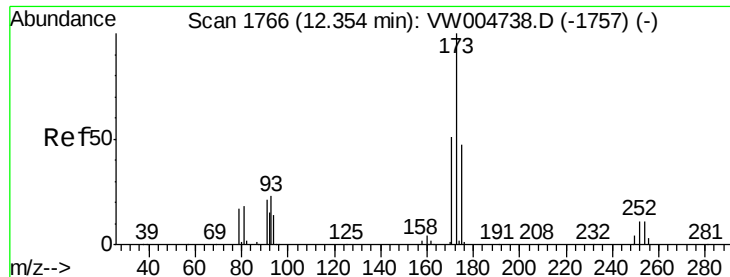
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#70
Styrene
Concen: 4.07 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.4	57.6
103	55.6	44.1	66.1





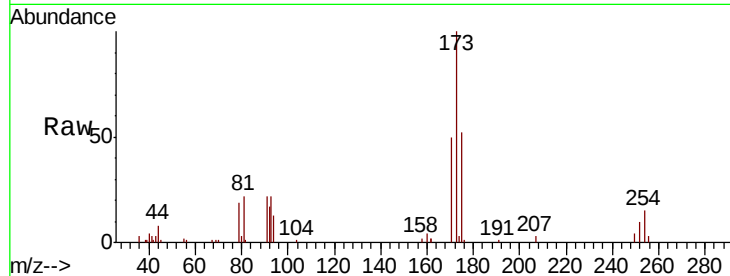
#71
Bromoform
Concen: 4.51 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.4
254	0.0	0.1	0.1#

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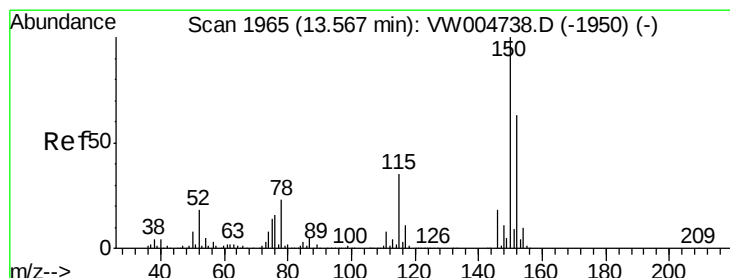
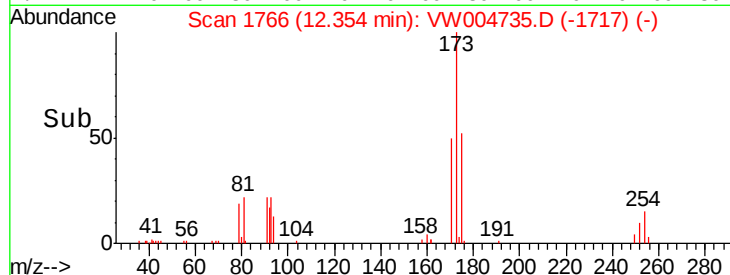
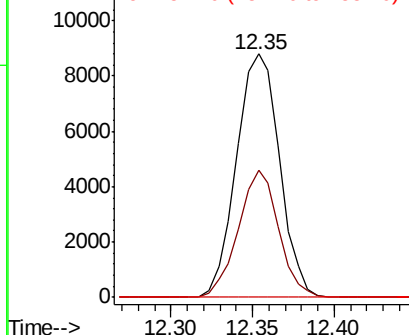


Abundance

Ion 172.70 (172.40 to 173.40): V

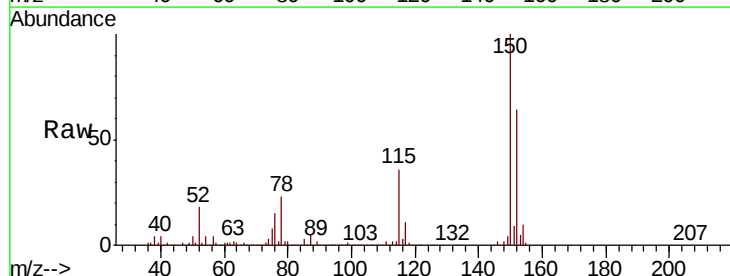
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	158.8	0.0	344.8

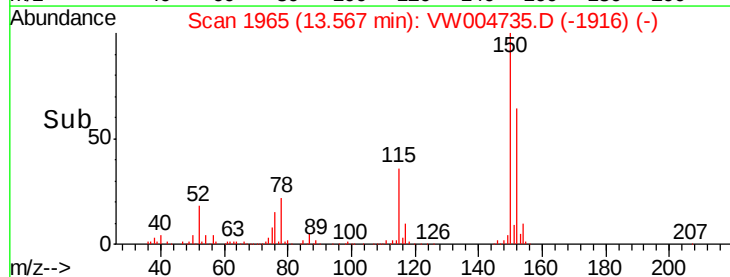
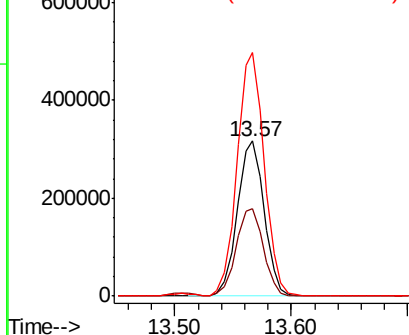


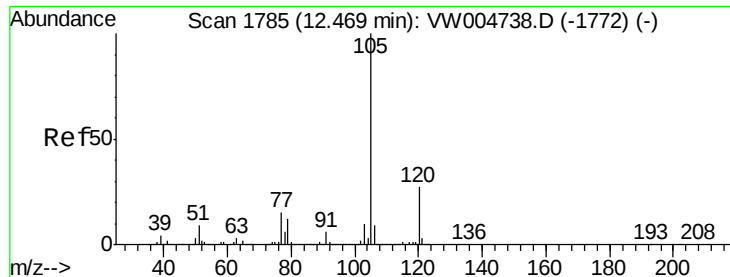
Abundance

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: 4.09 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 105 Resp: 140758

Ion Ratio Lower Upper

105 100

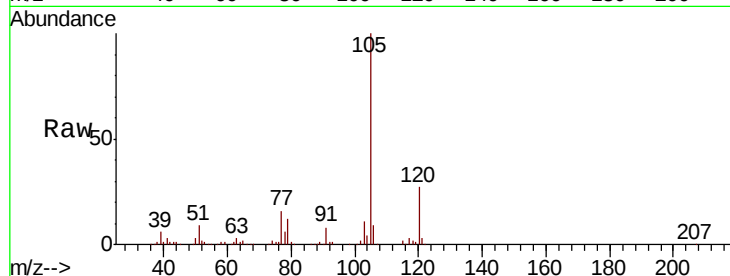
120 26.9 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

100000

80000

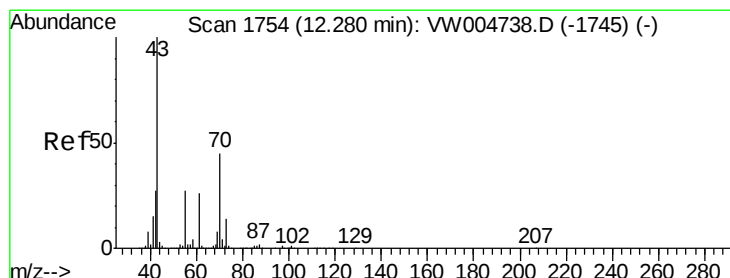
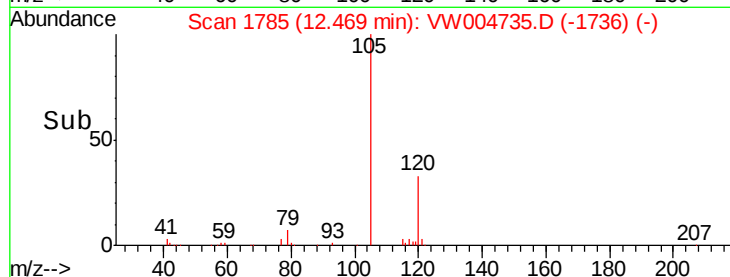
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 3.86 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion: 43 Resp: 27879

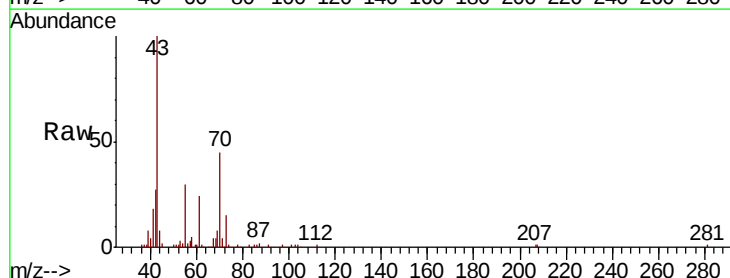
Ion Ratio Lower Upper

43 100

70 44.3 36.3 54.5

55 30.9 22.6 33.8

61 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

25000

20000

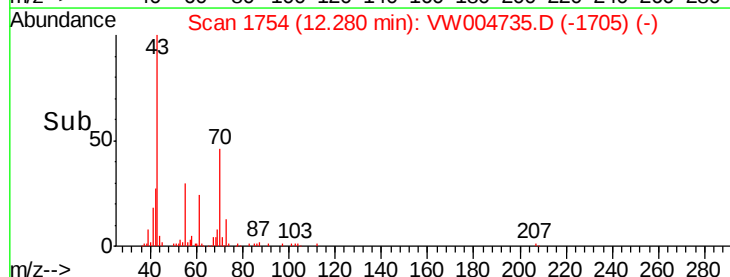
15000

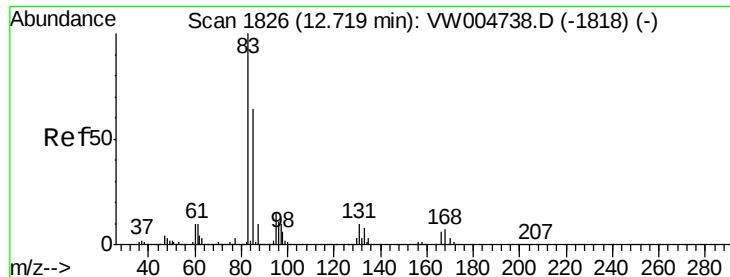
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.69 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

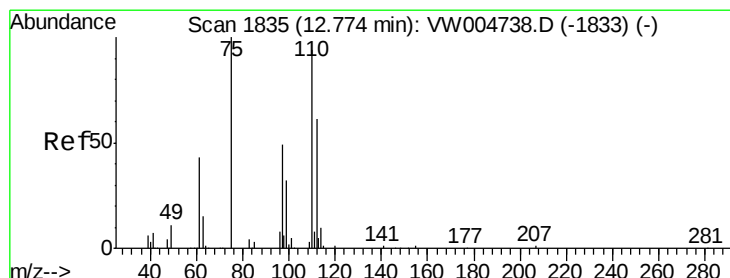
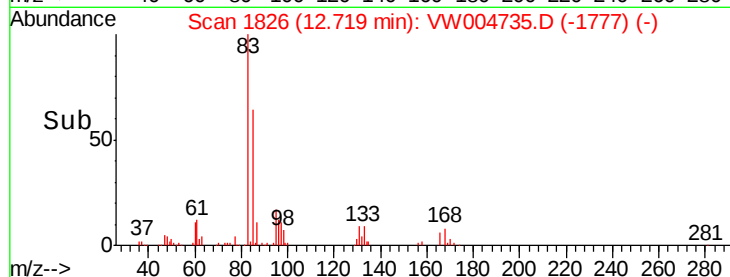
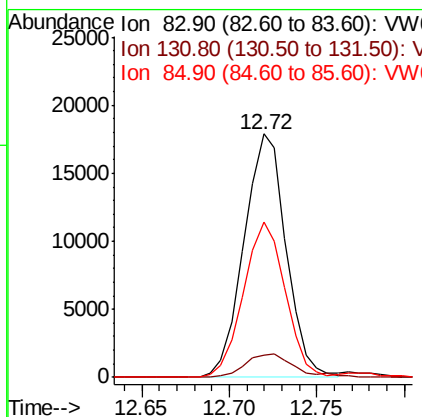
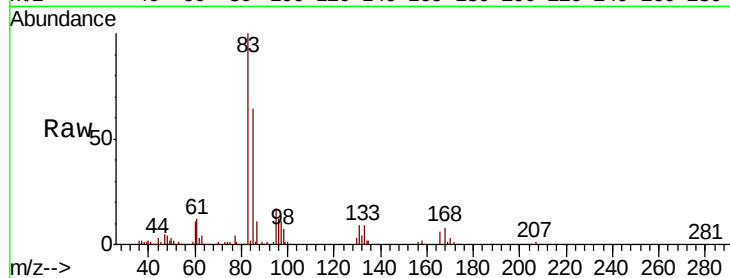
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	29924
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	15.8
85	63.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 2.51 ug/l m

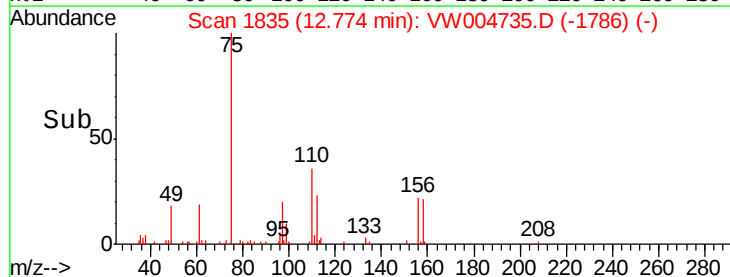
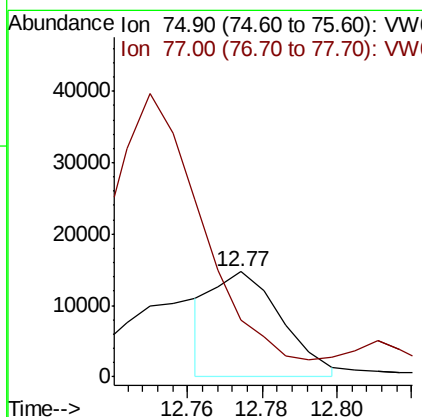
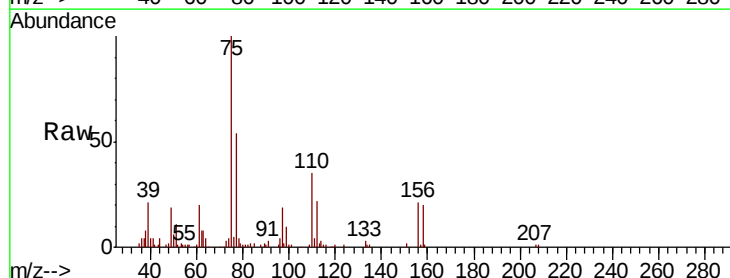
RT: 12.77 min Scan# 1835

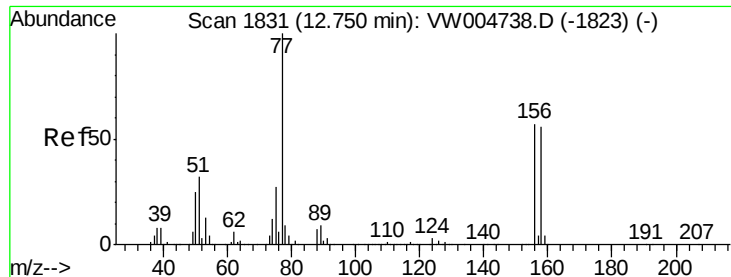
Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	75	Resp:	18820
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





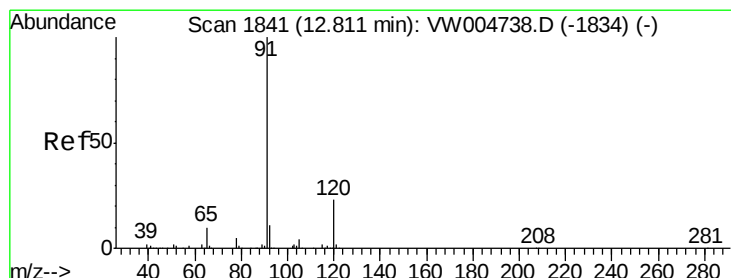
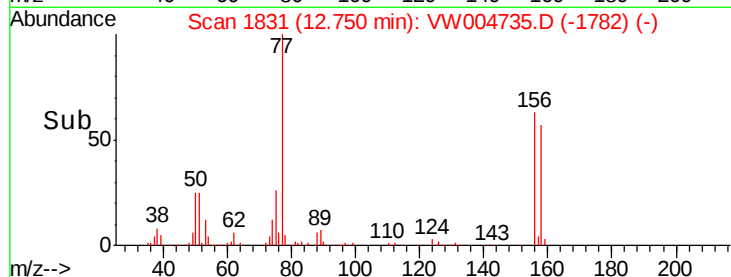
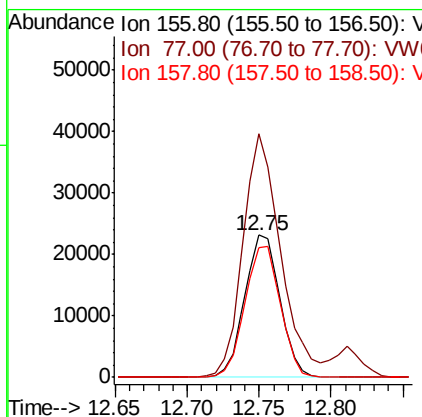
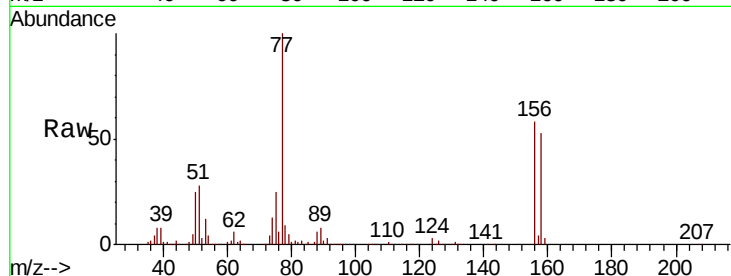
#77
Bromobenzene
Concen: 4.70 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.1	94.2	282.4
158	92.7	48.6	145.9

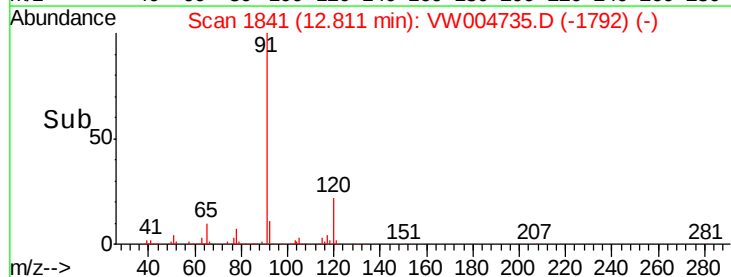
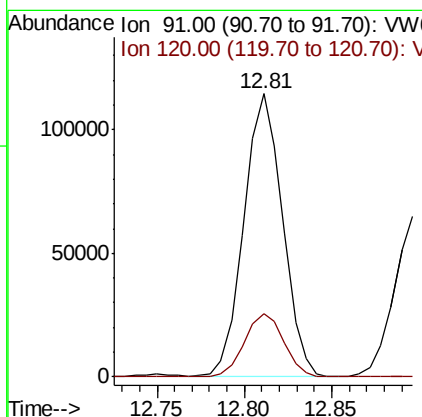
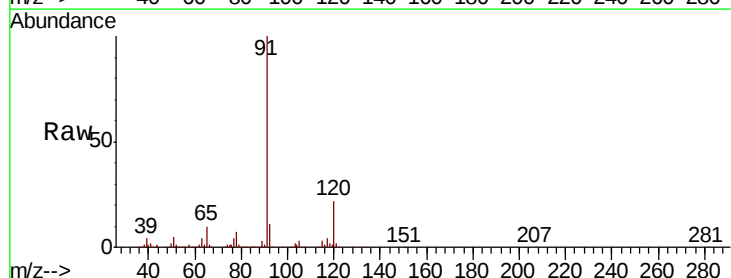
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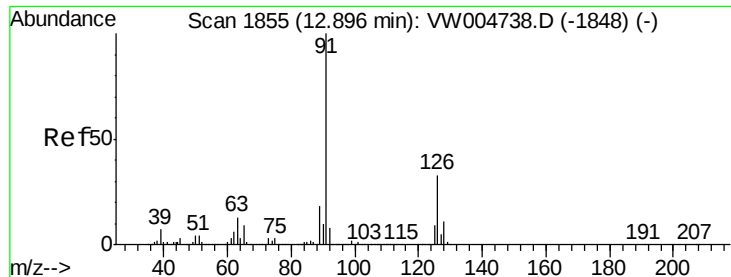
apatel
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#78
n-propylbenzene
Concen: 4.18 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.2





#79

2-Chlorotoluene

Concen: 4.39 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 106425

Ion Ratio Lower Upper

91 100

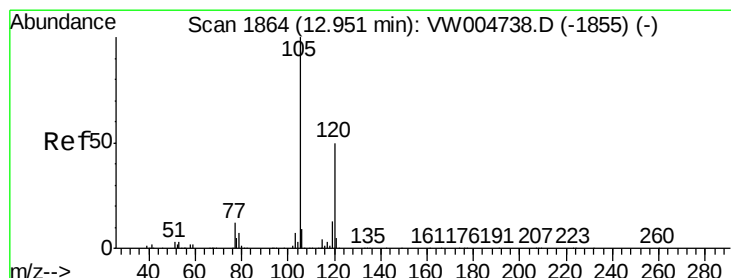
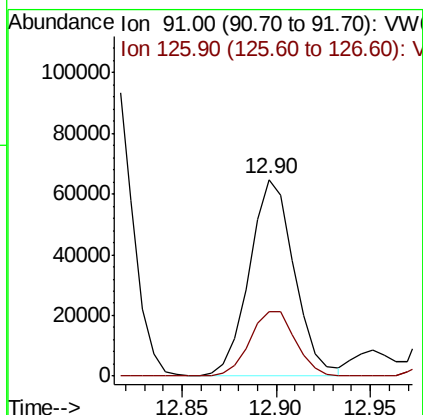
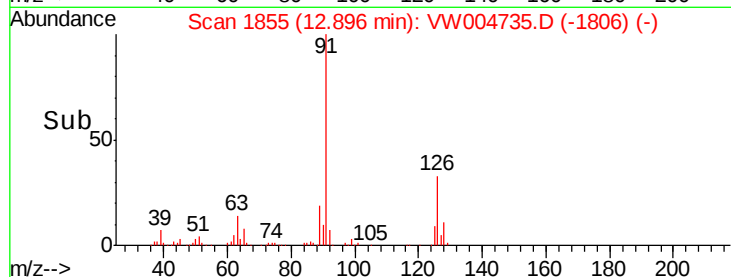
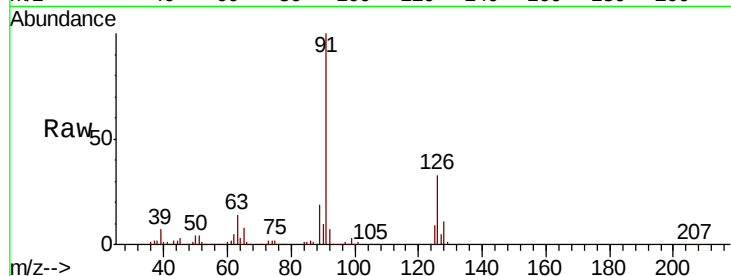
126 33.7 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 3.97 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004735.D

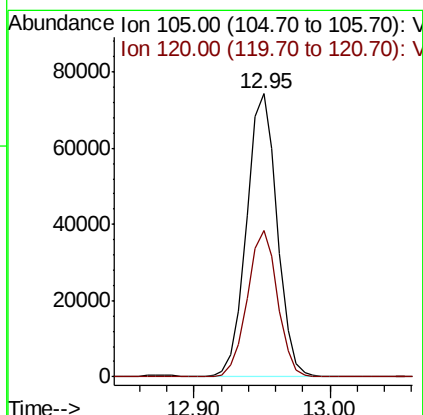
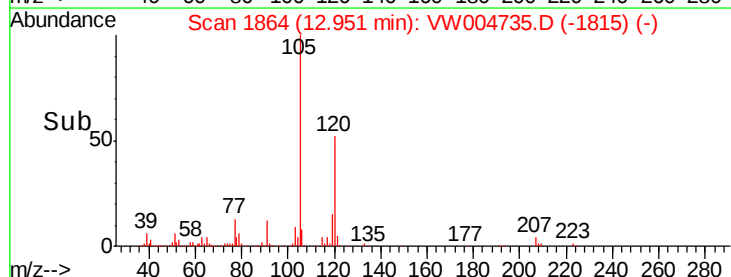
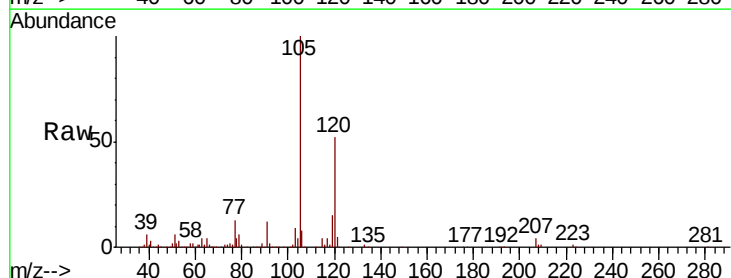
Acq: 17 Aug 2018 15:54

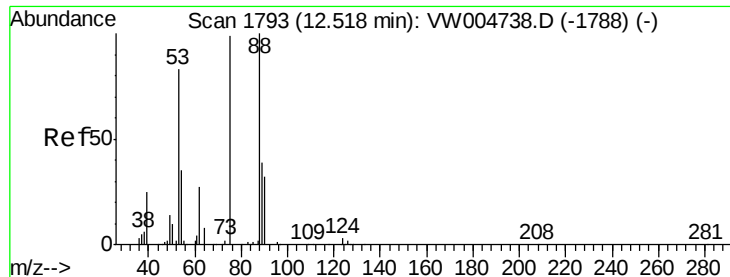
Tgt Ion:105 Resp: 116164

Ion Ratio Lower Upper

105 100

120 51.8 24.7 74.1





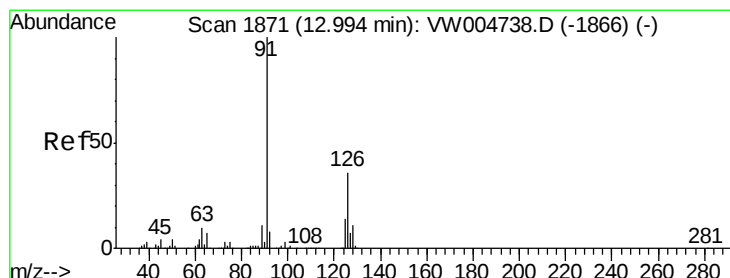
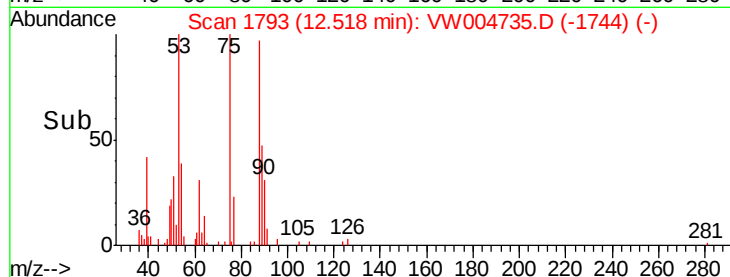
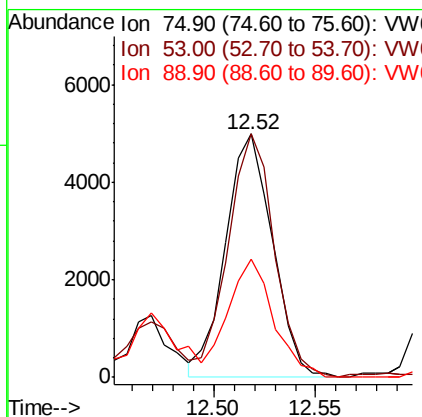
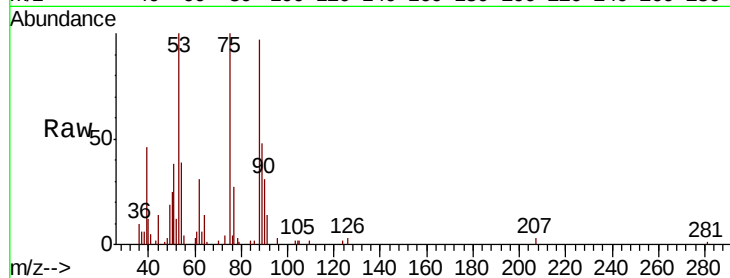
#81
trans-1,4-Dichloro-2-butene
Concen: 4.15 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	72.2	108.4
89	46.8	35.2	52.8

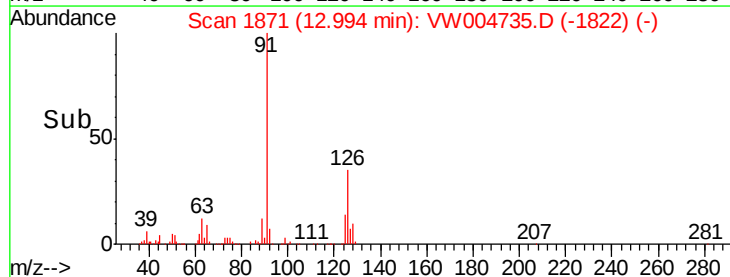
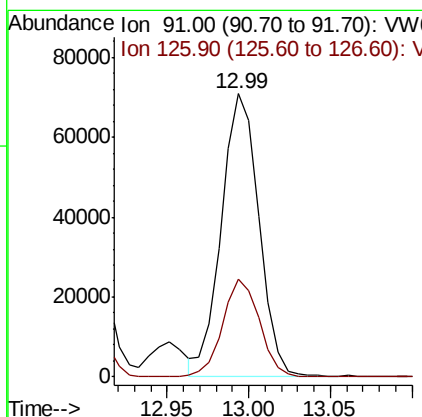
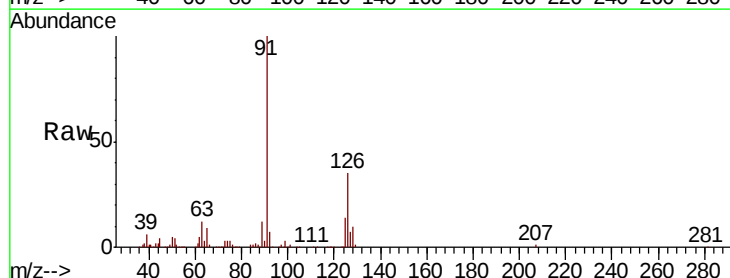
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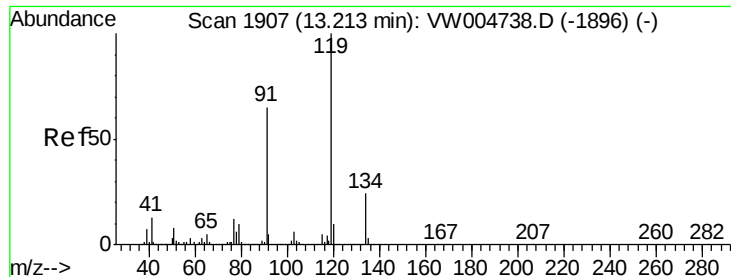
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#82
4-Chlorotoluene
Concen: 4.39 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.9	50.7





#83

tert-Butylbenzene

Concen: 4.11 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Instrument :

MSVOA_W

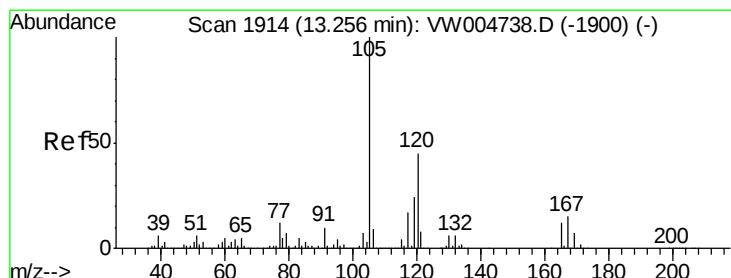
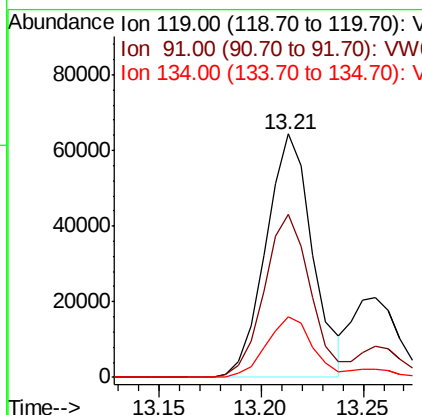
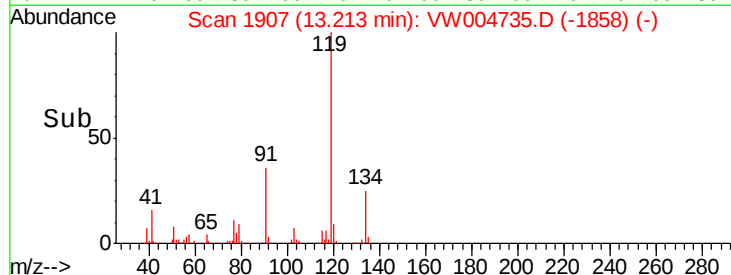
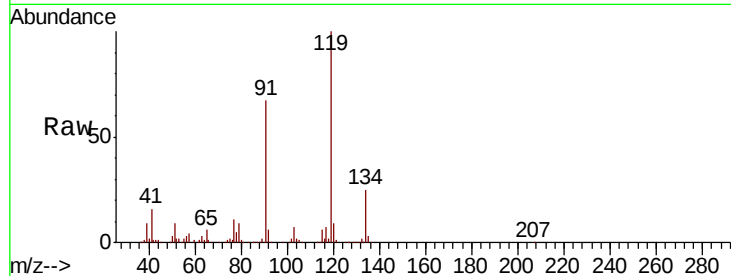
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	102723
Ion Ratio	Lower	Upper	
119	100		
91	66.0	32.6	97.8
134	24.6	13.1	39.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 4.08 ug/l

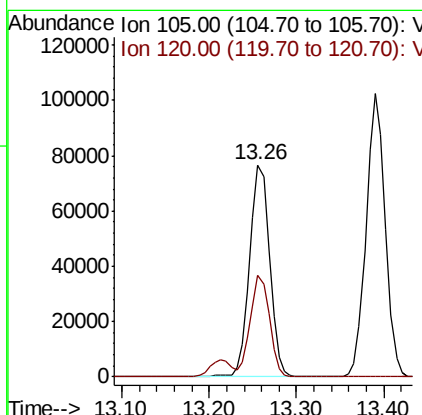
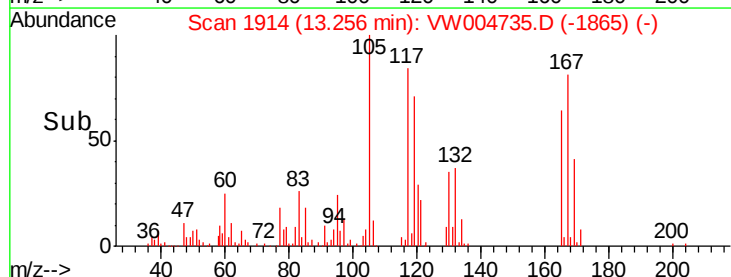
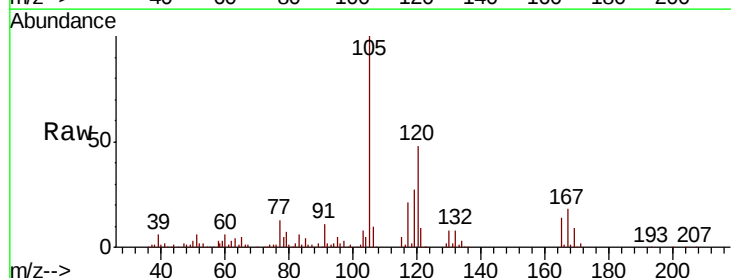
RT: 13.26 min Scan# 1914

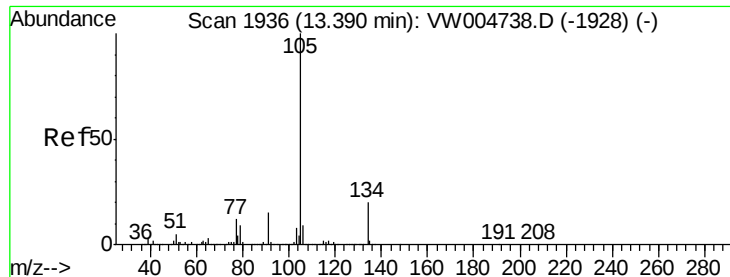
Delta R.T. 0.00 min

Lab File: VW004735.D

Acq: 17 Aug 2018 15:54

Tgt Ion:	105	Resp:	122725
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.8	68.3





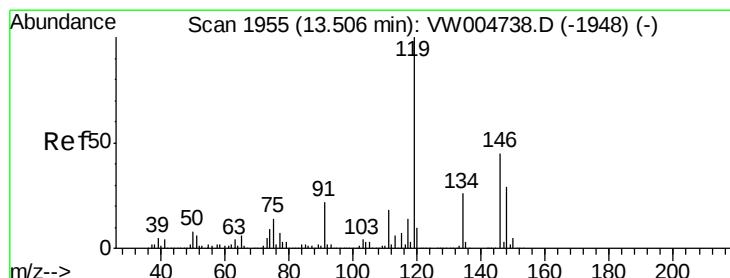
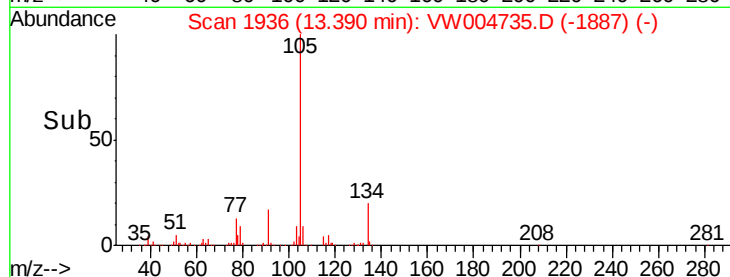
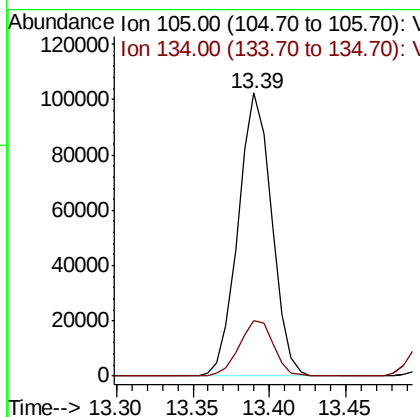
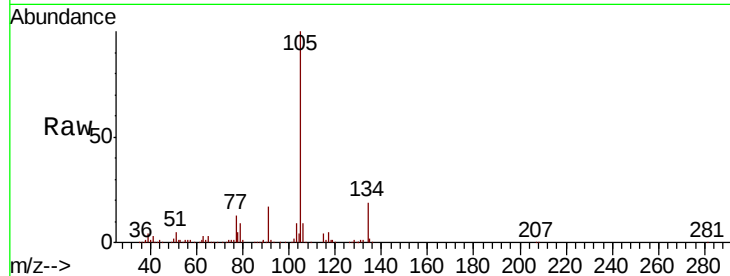
#85
 sec-Butylbenzene
 Concen: 4.18 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	29.8

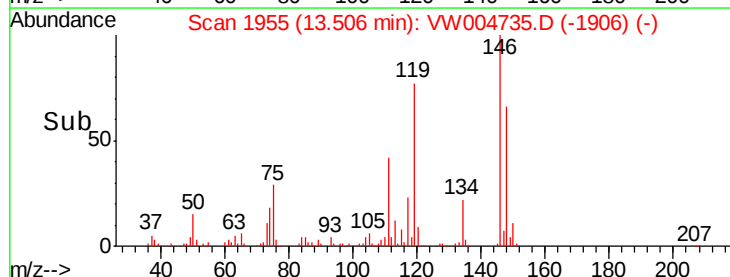
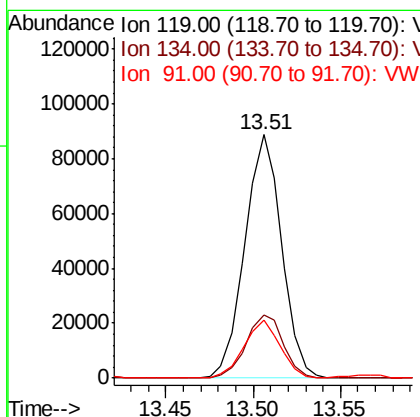
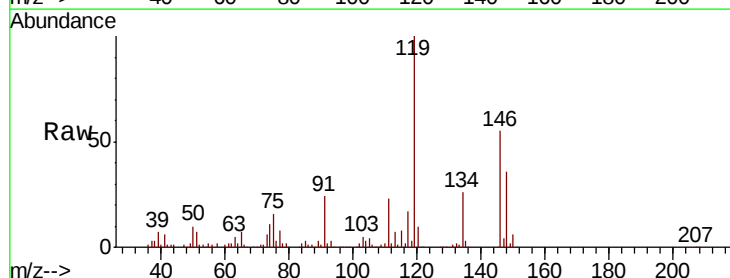
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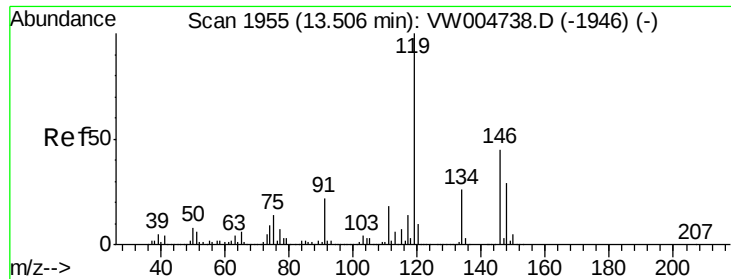
apatel
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#86
 p-Isopropyltoluene
 Concen: 4.01 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	23.2	11.2	33.5





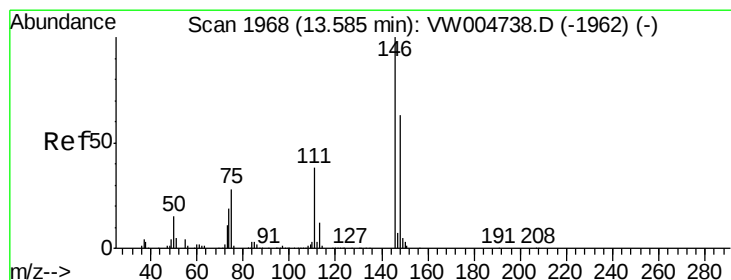
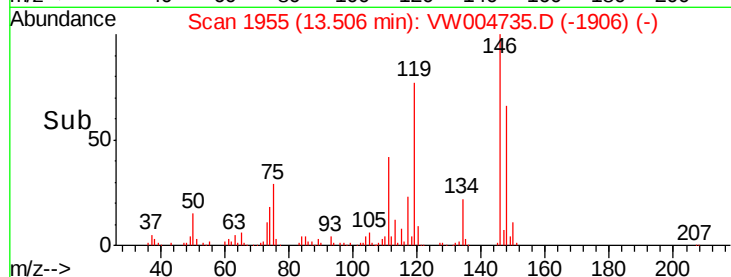
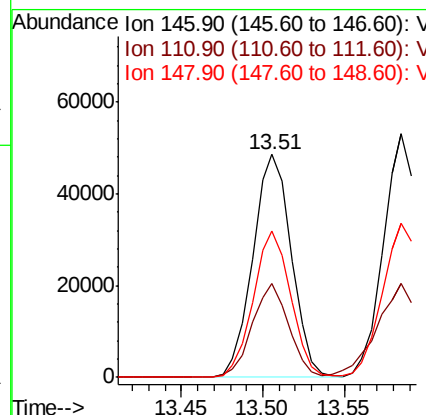
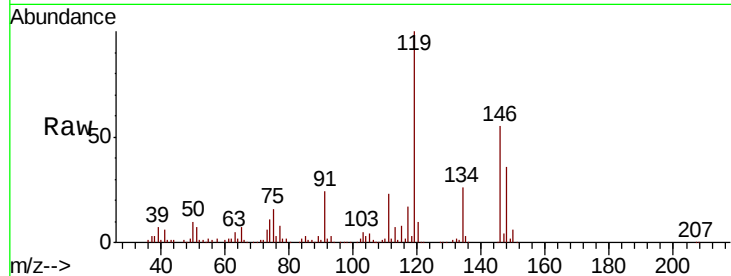
#87
 1,3-Dichlorobenzene
 Concen: 4.71 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	63.8	31.9	95.9

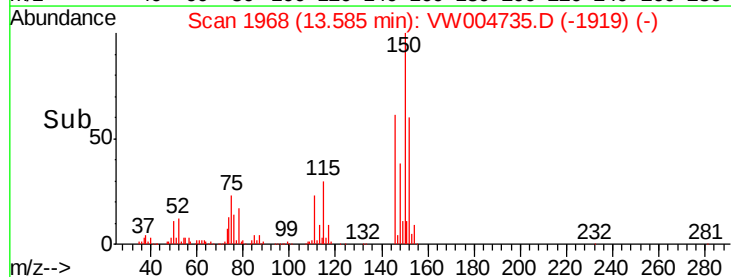
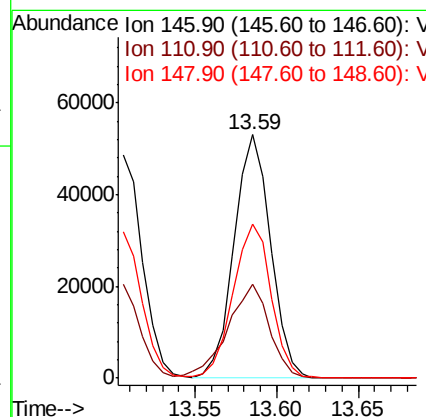
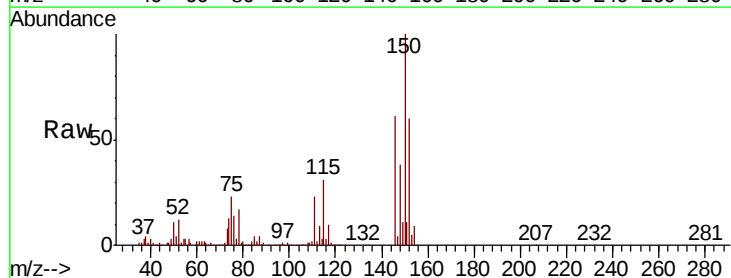
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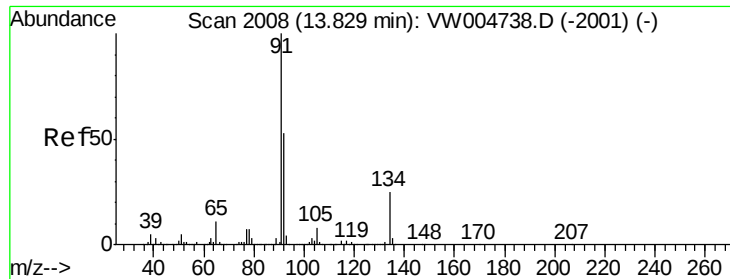
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#88
 1,4-Dichlorobenzene
 Concen: 4.89 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.3	57.8
148	66.1	31.8	95.3





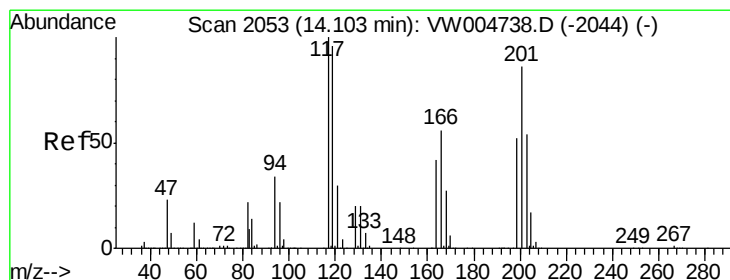
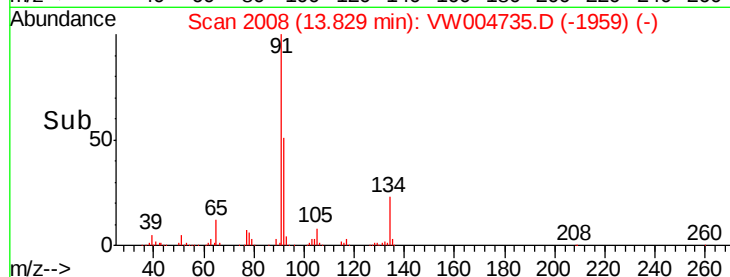
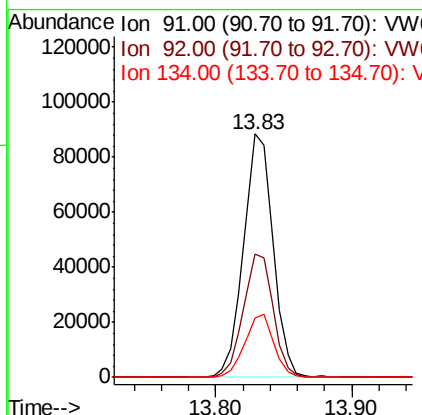
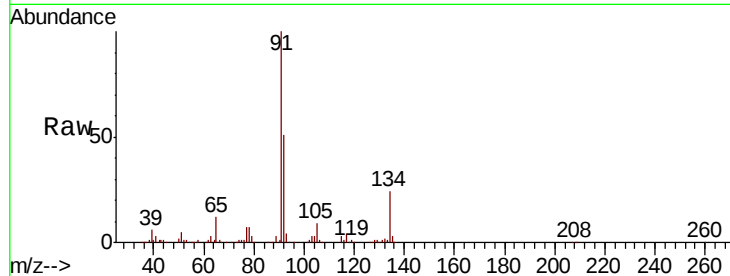
#89
n-Butylbenzene
Concen: 4.27 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.4	79.2
134	25.4	12.8	38.3

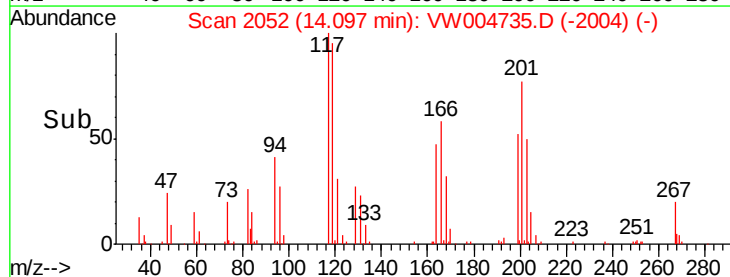
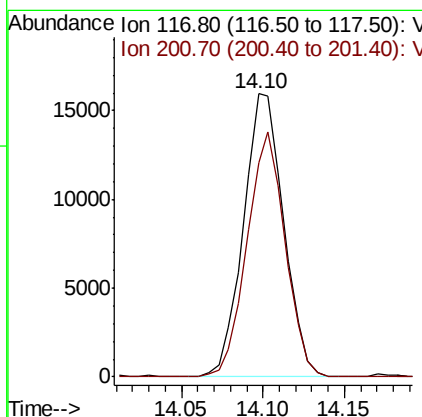
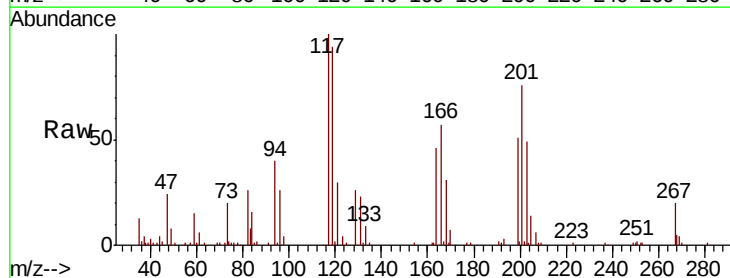
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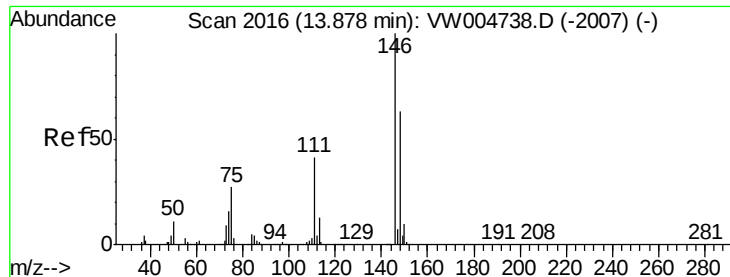
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#90
Hexachloroethane
Concen: 4.62 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	42.4	127.2





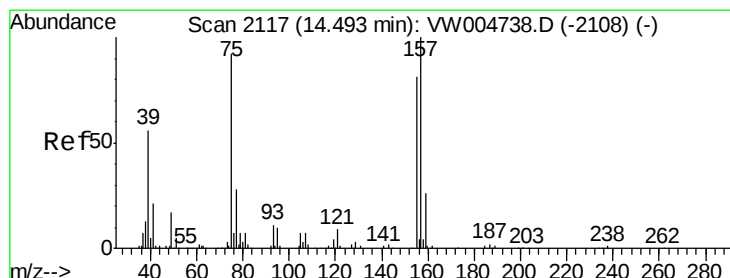
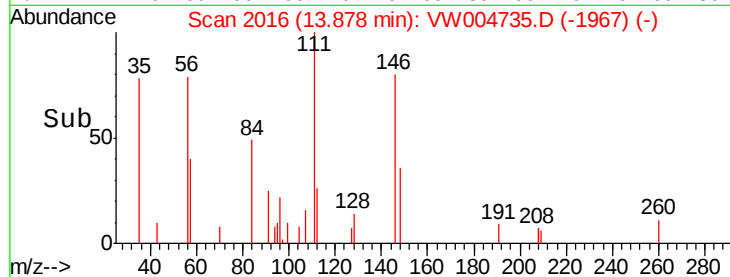
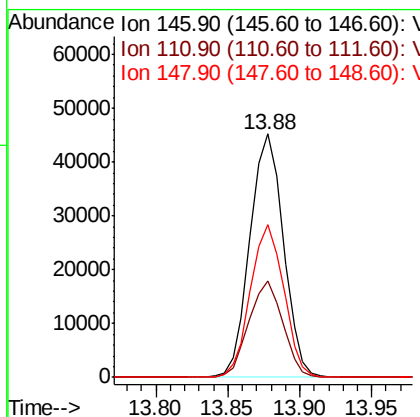
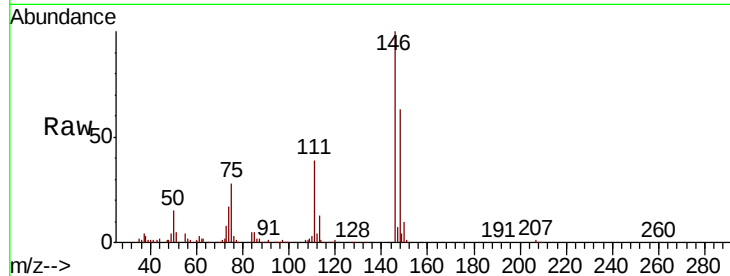
#91
 1,2-Dichlorobenzene
 Concen: 4.78 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.3
148	62.5	31.6	95.0

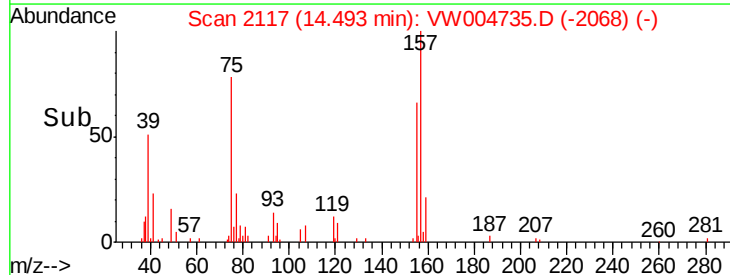
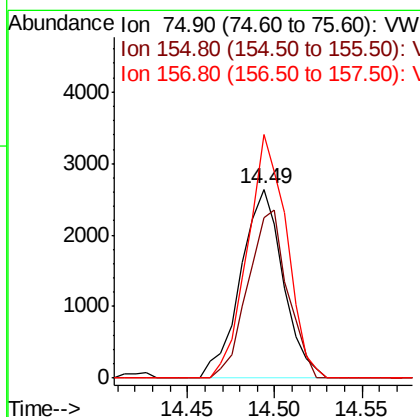
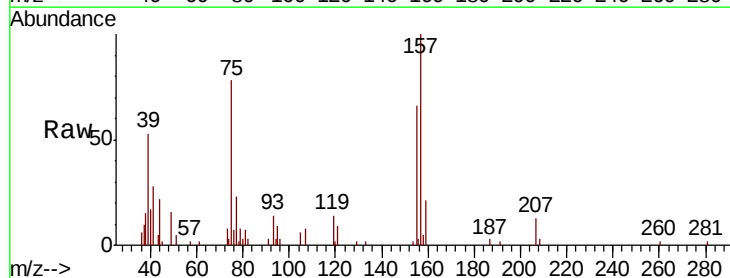
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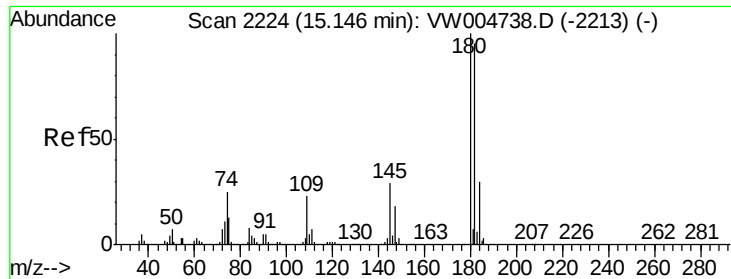
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.48 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	43.3	129.9
157	118.2	54.5	163.6





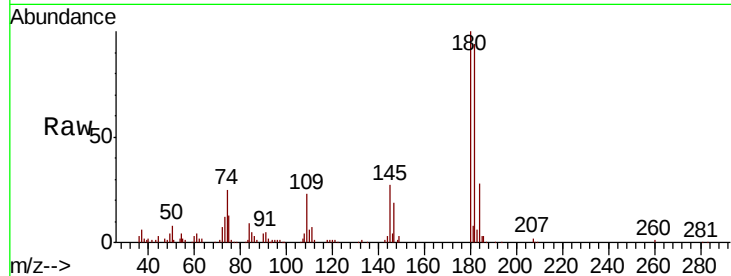
#93
 1,2,4-Trichlorobenzene
 Concen: 4.46 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

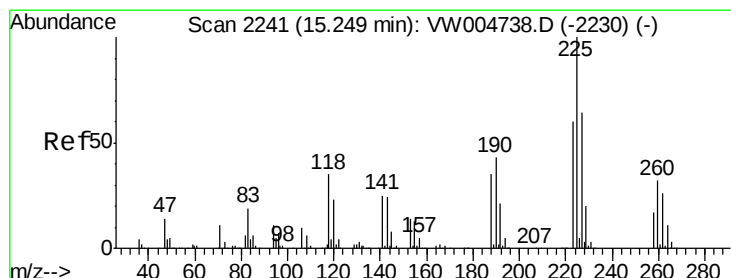
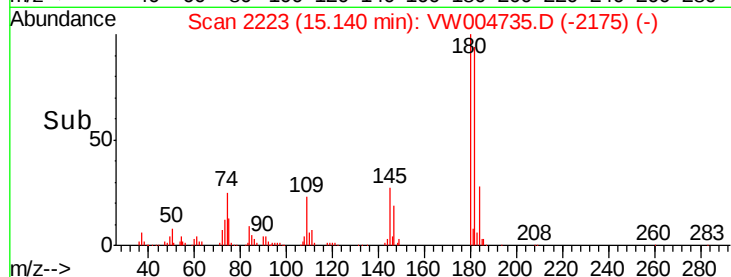
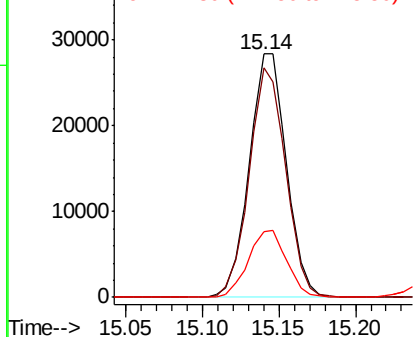
Tot Ion	Ratio	Resp	Lower	Upper
180	100	47983		
182	92.3	47.3	141.8	
145	28.4	14.6	43.8	

Manual Integrations
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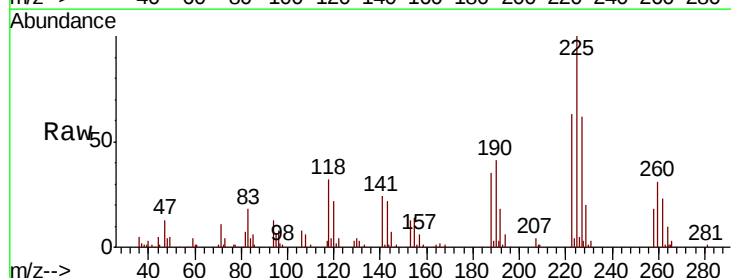


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

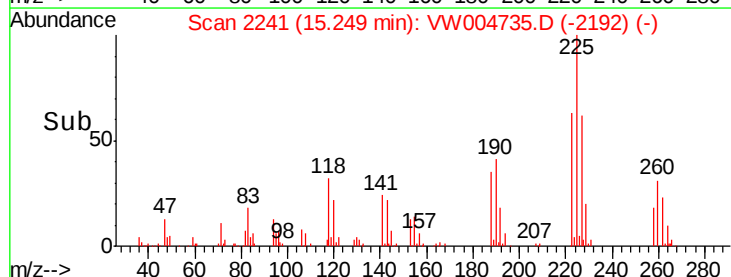
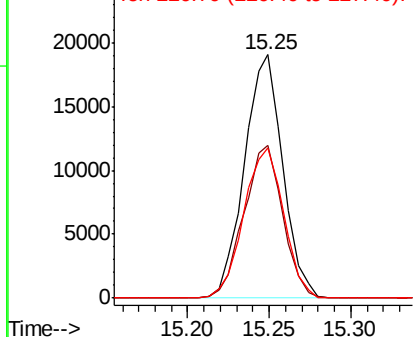


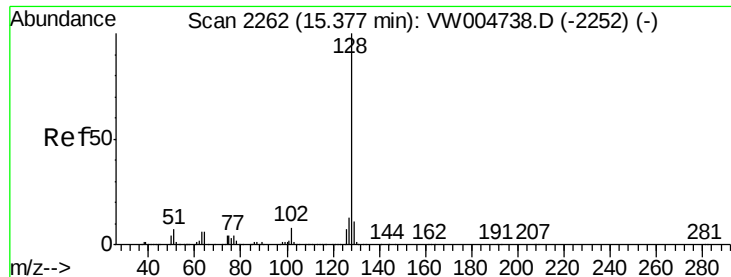
#94
 Hexachlorobutadiene
 Concen: 4.71 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004735.D
 Acq: 17 Aug 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31104		
223	63.8	30.9	92.5	
227	64.1	32.0	96.0	



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





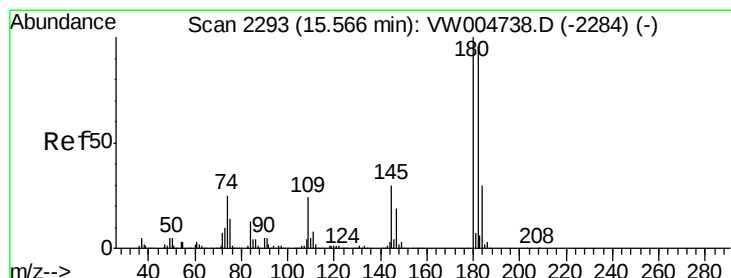
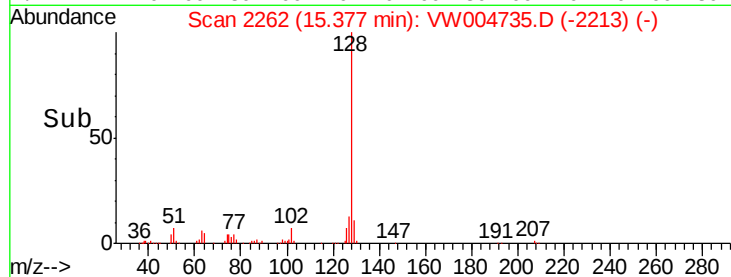
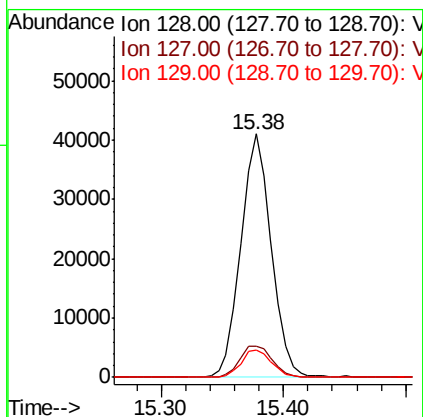
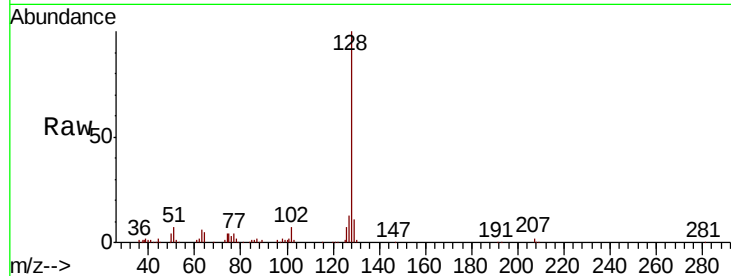
#95
Naphthalene
Concen: 3.80 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	70797
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.3	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.33 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004735.D
Acq: 17 Aug 2018 15:54

Tgt Ion:	180	Resp:	41393
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	142.0
145	31.5	15.4	46.1

