

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005239.D
 Acq On : 10 Sep 2018 14:07
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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apatel
 9/11/2018 11:09:12 AM

Quant Time: Sep 11 02:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	510384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	713809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	391657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19479	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
35) Dibromofluoromethane	7.89	113	17854	4.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.42%	
50) Toluene-d8	10.33	98	90488	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	
62) 4-Bromofluorobenzene	12.62	95	34059	4.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23360	5.31	ug/l	98
3) Chloromethane	2.22	50	30036	5.10	ug/l	100
4) Vinyl Chloride	2.36	62	28586	5.29	ug/l	98
5) Bromomethane	2.77	94	22045	6.00	ug/l	95
6) Chloroethane	2.92	64	15696	5.27	ug/l	94
7) Trichlorofluoromethane	3.26	101	31777	5.20	ug/l	96
8) Diethyl Ether	3.69	74	10972	5.04	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	23145	5.30	ug/l	99
10) Methyl Iodide	4.28	142	16836	3.50	ug/l	96
11) Tert butyl alcohol	5.17	59	7763	24.87	ug/l #	73
12) 1,1-Dichloroethene	4.05	96	20025	4.98	ug/l	98
13) Acrolein	3.90	56	7374	24.45	ug/l	100
14) Allyl chloride	4.68	41	30045	4.86	ug/l	97
15) Acrylonitrile	5.38	53	23220	23.62	ug/l	100
16) Acetone	4.12	43	17767	25.14	ug/l	98
17) Carbon Disulfide	4.39	76	67951	4.82	ug/l	98
18) Methyl Acetate	4.68	43	10109	4.79	ug/l	100
19) Methyl tert-butyl Ether	5.44	73	46072	4.81	ug/l	97
20) Methylene Chloride	4.92	84	38240	6.39	ug/l	94
21) trans-1,2-Dichloroethene	5.44	96	23841	5.08	ug/l	94
22) Diisopropyl ether	6.32	45	57010	4.58	ug/l	95
23) Vinyl Acetate	6.27	43	158404	22.86	ug/l	99
24) 1,1-Dichloroethane	6.23	63	38301	5.00	ug/l	99
25) 2-Butanone	7.18	43	27100	24.31	ug/l	99
26) 2,2-Dichloropropane	7.18	77	35214	5.31	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	24885	4.95	ug/l	100
28) Bromochloromethane	7.52	49	15570	5.51	ug/l #	98
29) Tetrahydrofuran	7.54	42	17420	23.19	ug/l	98
30) Chloroform	7.68	83	38445	5.00	ug/l	98
31) Cyclohexane	7.96	56	44849	5.51	ug/l #	78
32) 1,1,1-Trichloroethane	7.88	97	36084	5.20	ug/l	96
36) 1,1-Dichloropropene	8.09	75	33898	5.11	ug/l	98
37) Ethyl Acetate	7.26	43	12738	5.05	ug/l #	92
38) Carbon Tetrachloride	8.07	117	33161	5.34	ug/l	92

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

39) Methylcyclohexane	9.34	83	41398	4.70	ug/l	99
40) Benzene	8.33	78	97178	4.97	ug/l	100
41) Methacrylonitrile	7.49	41	4770	3.68	ug/l #	65
42) 1,2-Dichloroethane	8.41	62	24032	5.14	ug/l	99
43) Isopropyl Acetate	8.43	43	22280	4.75	ug/l	97
44) Trichloroethene	9.10	130	27421	5.11	ug/l	96
45) 1,2-Dichloropropane	9.37	63	22896	4.87	ug/l	99
46) Dibromomethane	9.46	93	11799	5.13	ug/l	98
47) Bromodichloromethane	9.65	83	27343	4.86	ug/l	97
48) Methyl methacrylate	9.45	41	10210	4.20	ug/l	93
49) 1,4-Dioxane	9.46	88	3862	89.95	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	57453	21.79	ug/l	99
52) Toluene	10.40	92	68074	4.79	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	27489	4.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	34078	4.68	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	18117	4.94	ug/l	96
56) Ethyl methacrylate	10.65	69	19259	4.14	ug/l	97
57) 1,3-Dichloropropane	10.94	76	29823	4.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	45806	22.67	ug/l	99
59) 2-Hexanone	10.98	43	39961	21.02	ug/l	93
60) Dibromochloromethane	11.13	129	18804	4.62	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16223	4.82	ug/l	95
64) Tetrachloroethene	10.87	164	26336	4.97	ug/l	94
65) Chlorobenzene	11.66	112	77738	4.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	23223	4.97	ug/l	97
67) Ethyl Benzene	11.74	91	129050	4.74	ug/l	99
68) m/p-Xylenes	11.85	106	103451	9.43	ug/l	97
69) o-Xylene	12.17	106	46348	4.54	ug/l	99
70) Styrene	12.19	104	73503	4.41	ug/l	99
71) Bromoform	12.35	173	11678	4.61	ug/l #	98
73) Isopropylbenzene	12.47	105	127793	4.62	ug/l	99
74) N-amyl acetate	12.28	43	22299	4.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	19466	4.68	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	16894m	3.32	ug/l	
77) Bromobenzene	12.76	156	31949	4.90	ug/l	98
78) n-propylbenzene	12.81	91	154562	4.65	ug/l	99
79) 2-Chlorotoluene	12.90	91	90491	4.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	105086	4.46	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5571	4.34	ug/l	94
82) 4-Chlorotoluene	12.99	91	97159	4.85	ug/l	99
83) tert-Butylbenzene	13.21	119	91435	4.44	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	106063	4.48	ug/l	99
85) sec-Butylbenzene	13.39	105	137757	4.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	117370	4.48	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	68407	5.00	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	68357	5.08	ug/l	96
89) n-Butylbenzene	13.83	91	110772	4.49	ug/l	99
90) Hexachloroethane	14.10	117	19793	4.71	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	60377	5.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3259	4.71	ug/l	95

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MSVOA_W
ClientSampleId :
VSTDICC005

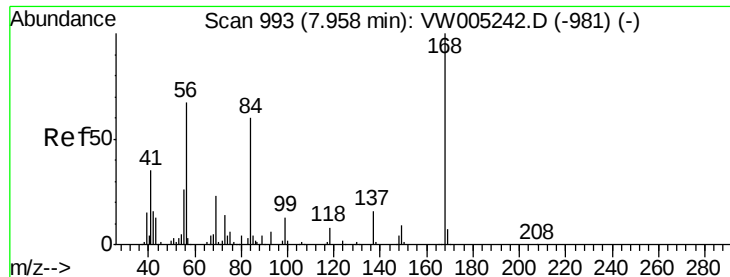
Manual Integrations
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QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	39869	4.68	ug/l	97
94) Hexachlorobutadiene	15.25	225	27197	4.99	ug/l	100
95) Naphthalene	15.38	128	57408	4.16	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	33592	4.59	ug/l	97

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



#1

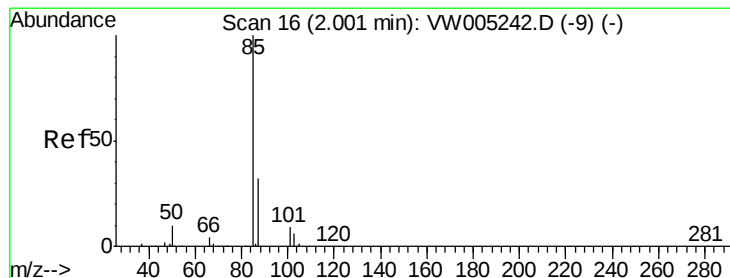
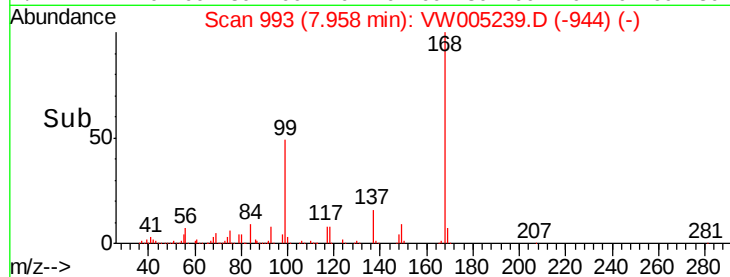
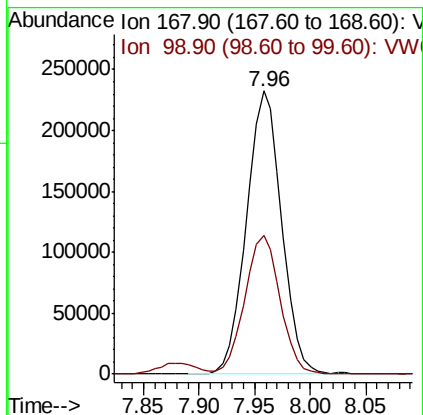
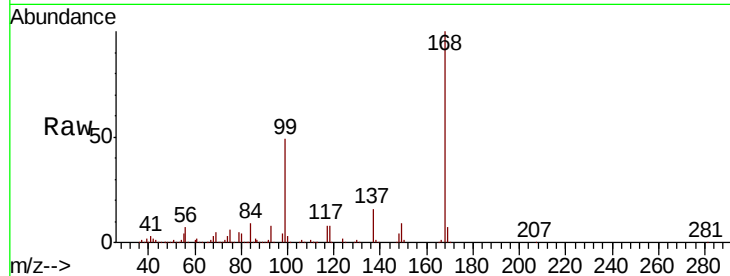
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.1	58.7

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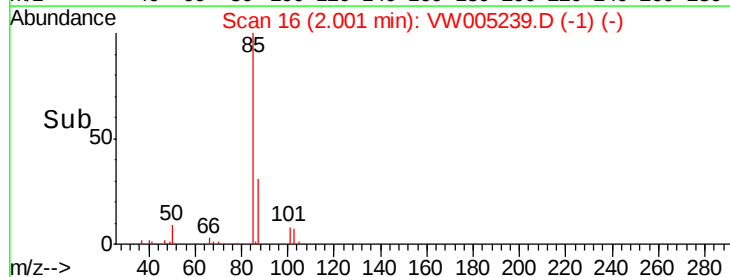
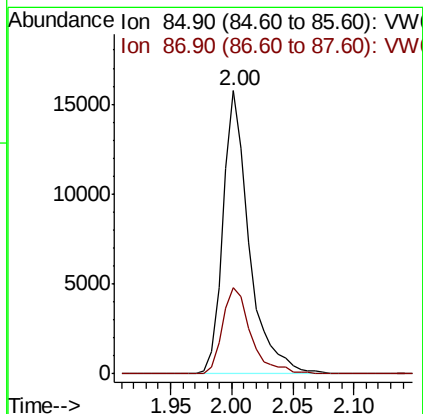
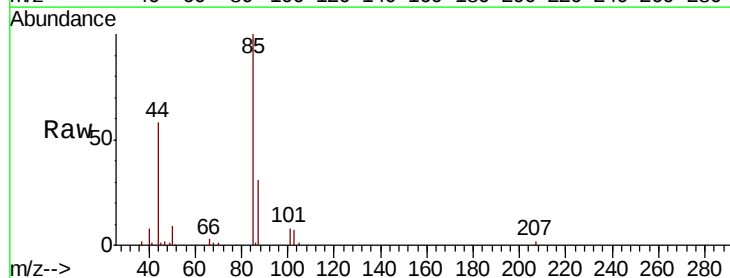
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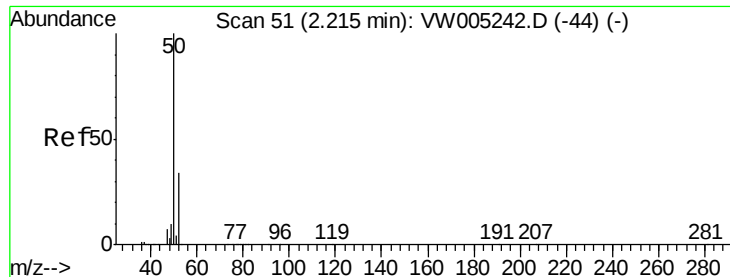


#2

Dichlorodifluoromethane
 Concen: 5.31 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.0	47.9





#3

Chloromethane

Concen: 5.10 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 30036

Ion Ratio Lower Upper

50 100

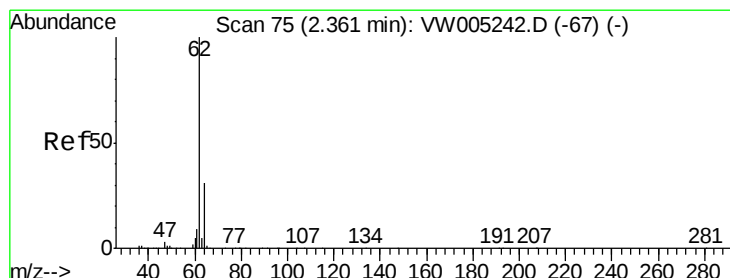
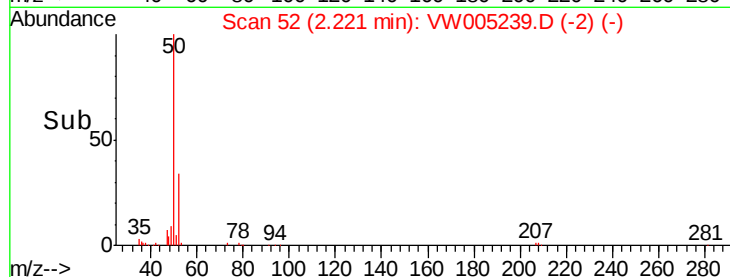
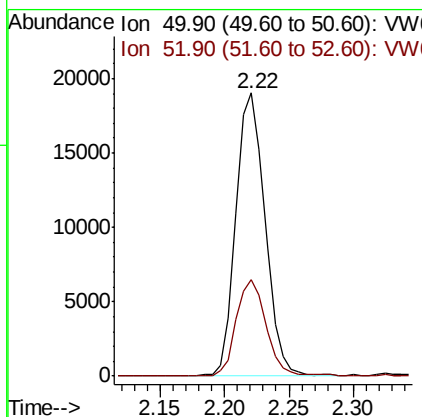
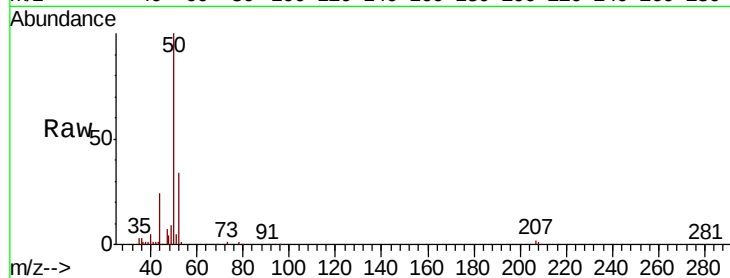
52 34.0 27.0 40.4

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#4

Vinyl Chloride

Concen: 5.29 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005239.D

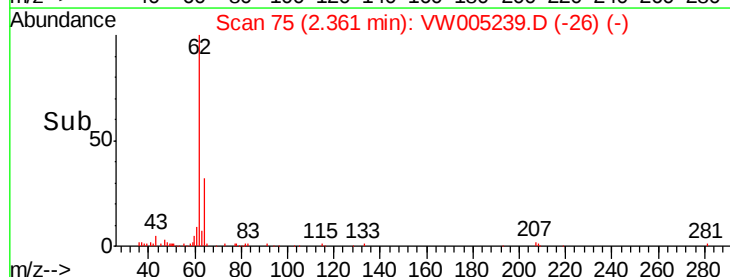
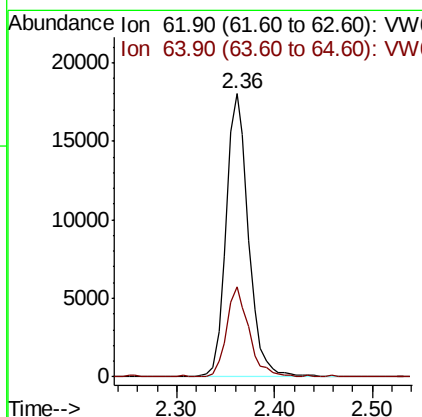
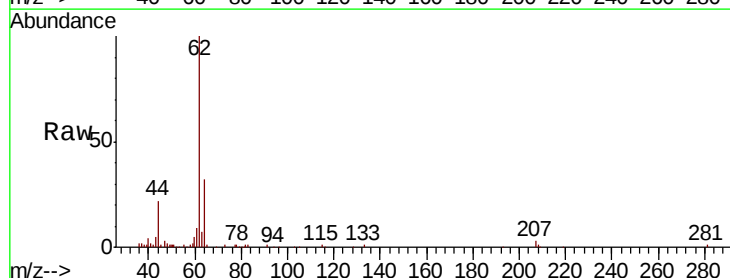
Acq: 10 Sep 2018 14:07

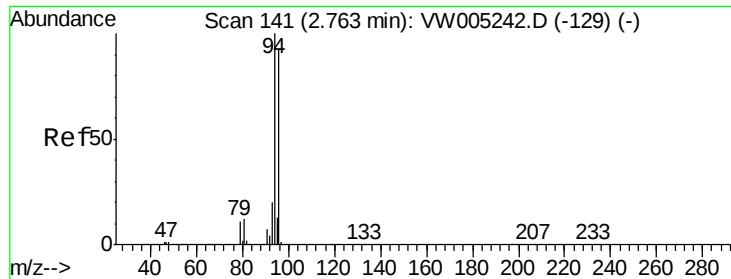
Tgt Ion: 62 Resp: 28586

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 6.00 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 22045

Ion Ratio Lower Upper

94 100

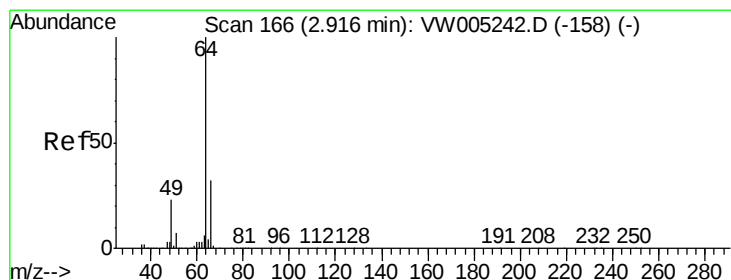
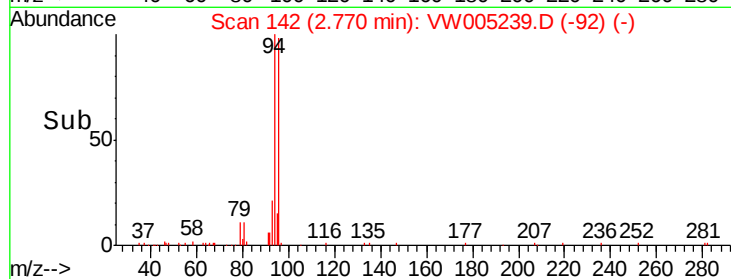
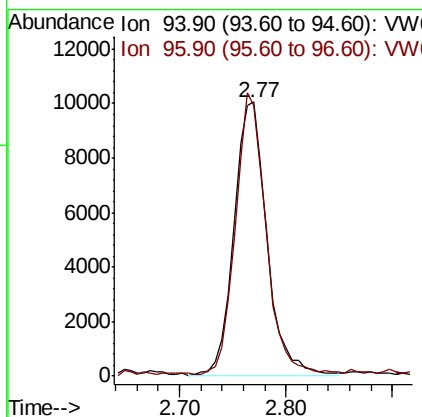
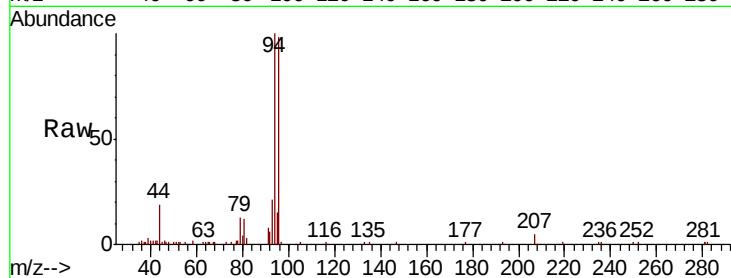
96 97.3 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 5.27 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW005239.D

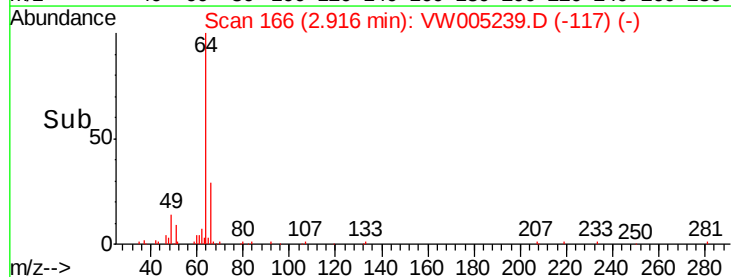
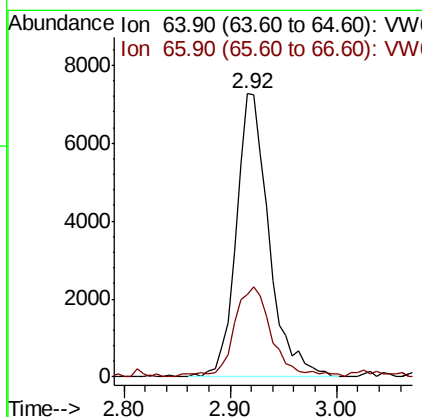
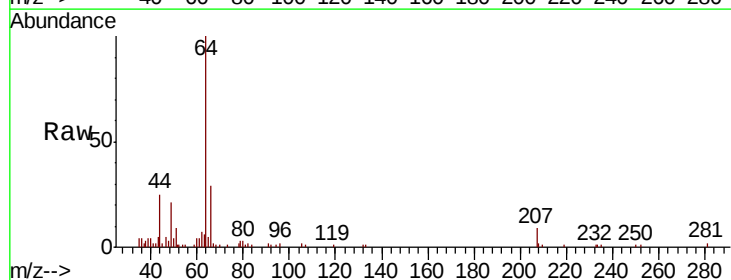
Acq: 10 Sep 2018 14:07

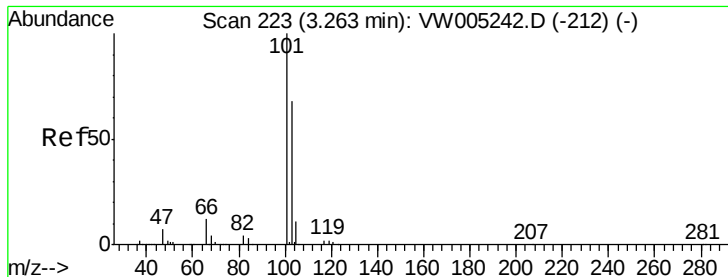
Tgt Ion: 64 Resp: 15696

Ion Ratio Lower Upper

64 100

66 28.2 25.3 37.9





#7

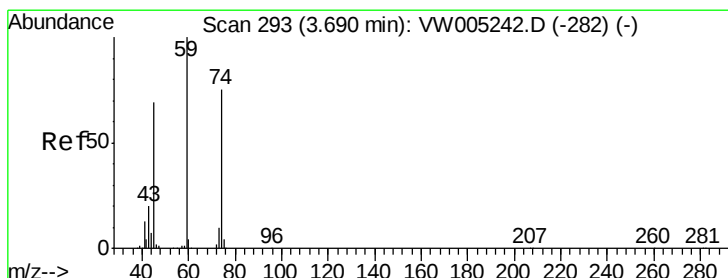
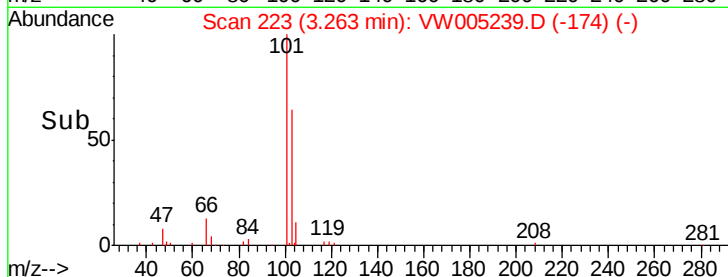
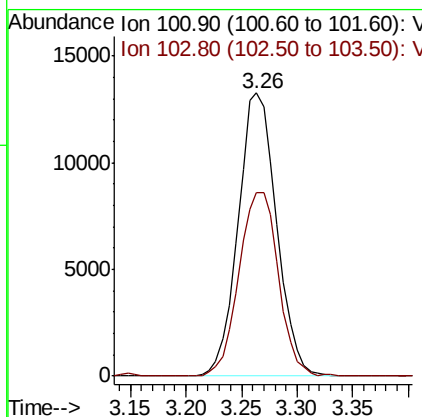
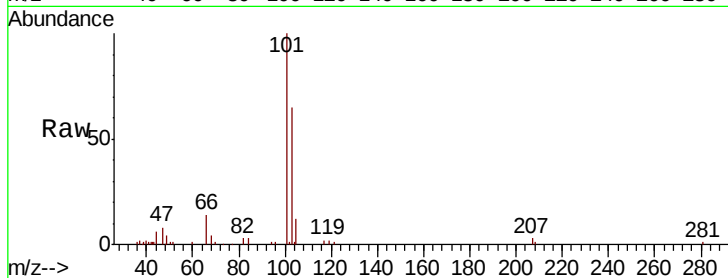
Trichlorofluoromethane
 Concen: 5.20 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	54.1	81.1

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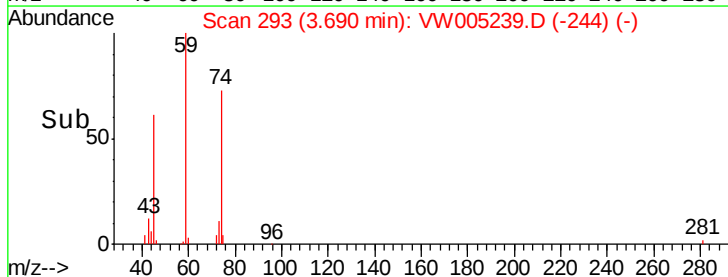
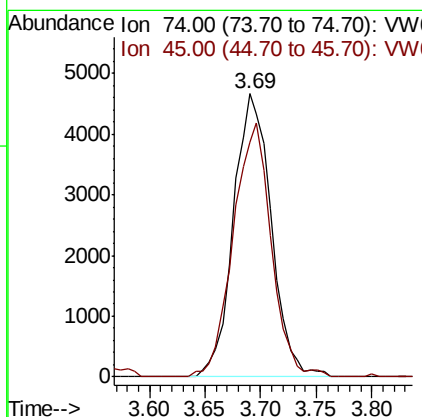
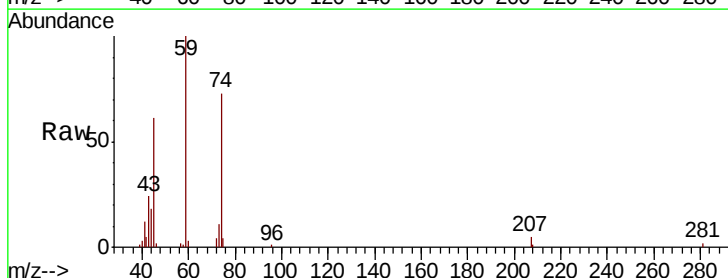
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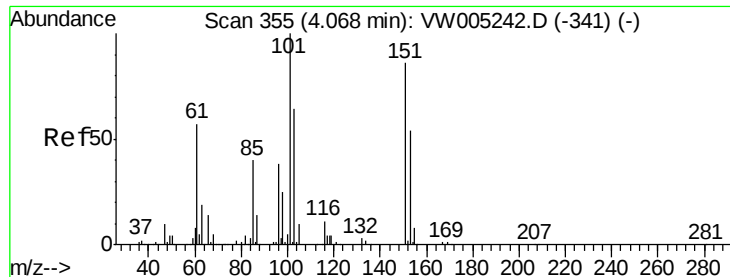


#8

Diethyl Ether
 Concen: 5.04 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.30 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

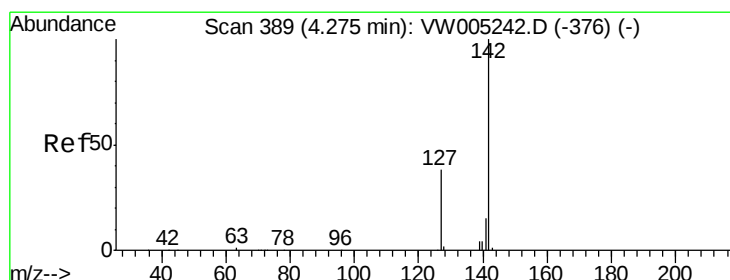
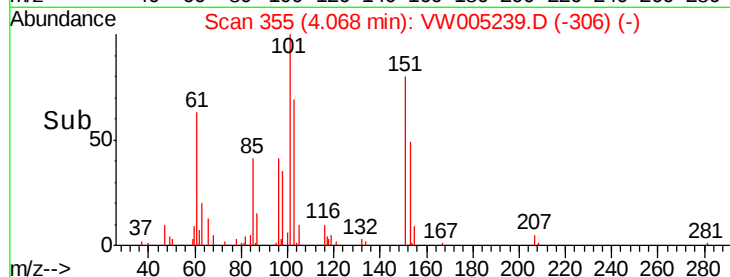
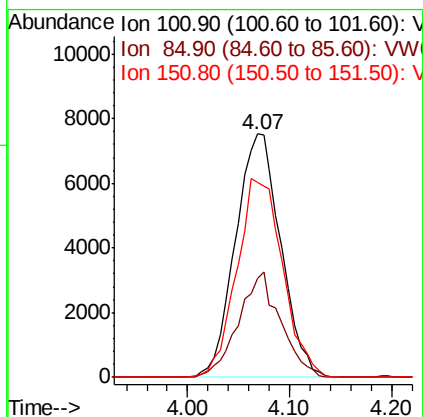
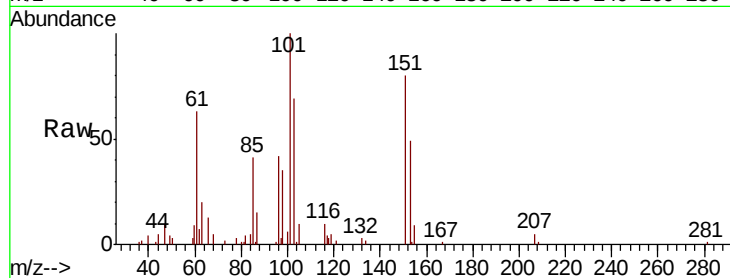
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	23145
Ion Ratio	Lower	Upper	
101	100		
85	40.2	32.7	49.1
151	83.1	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 3.50 ug/l

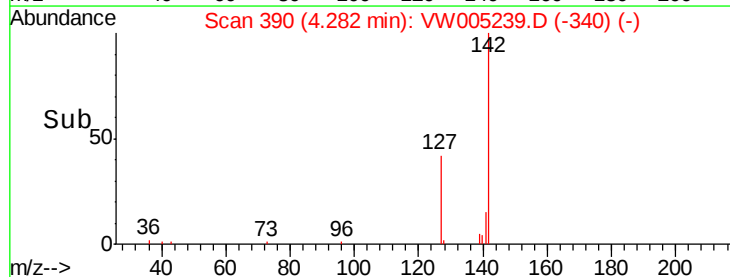
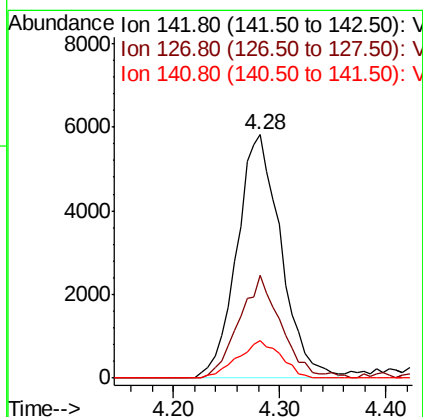
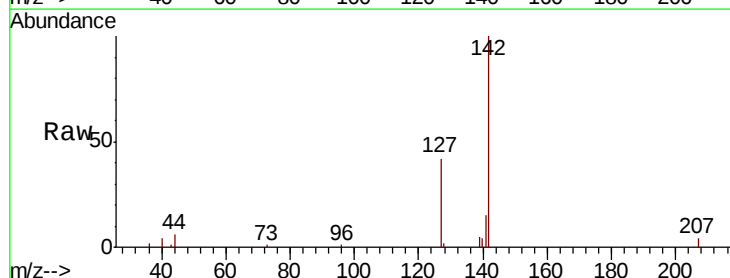
RT: 4.28 min Scan# 390

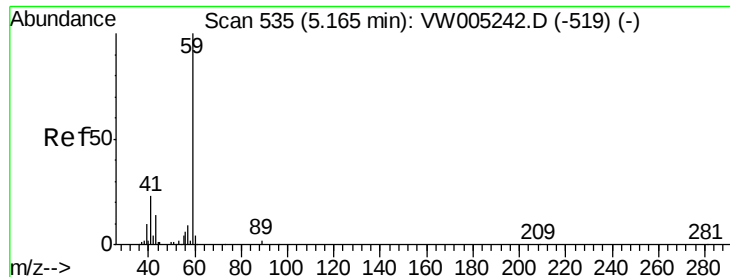
Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	142	Resp:	16836
Ion Ratio	Lower	Upper	
142	100		
127	40.6	30.3	45.5
141	15.1	11.4	17.0





#11

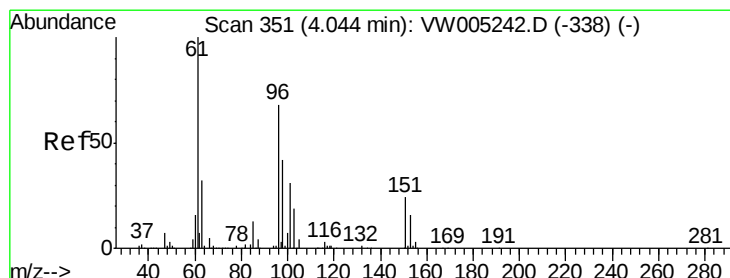
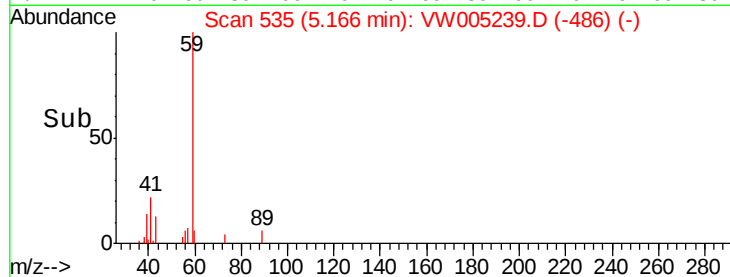
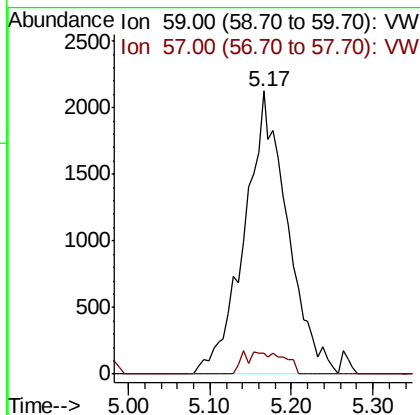
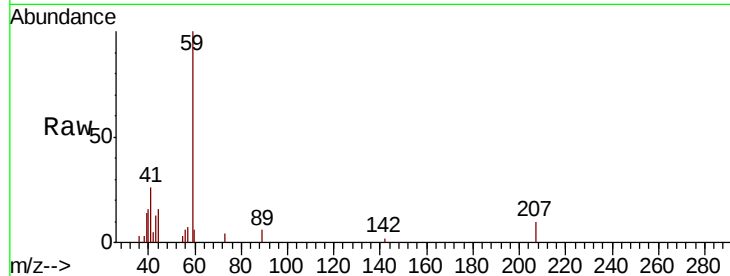
Tert butyl alcohol
Concen: 24.87 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

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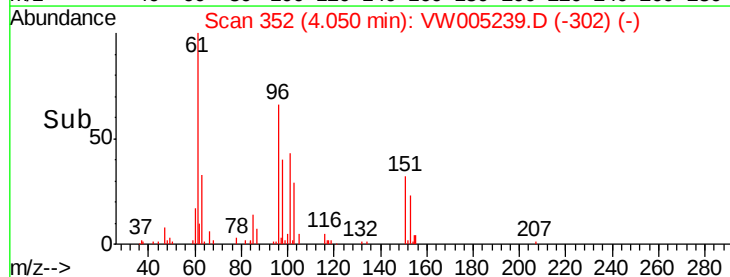
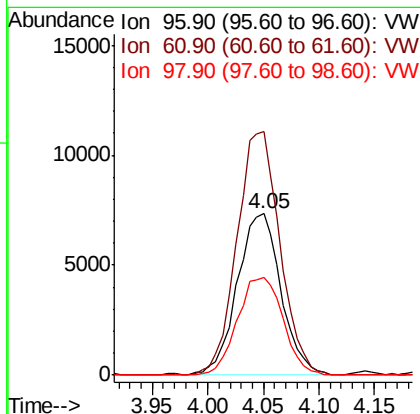
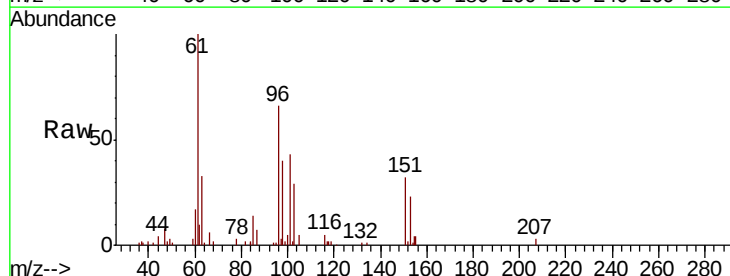
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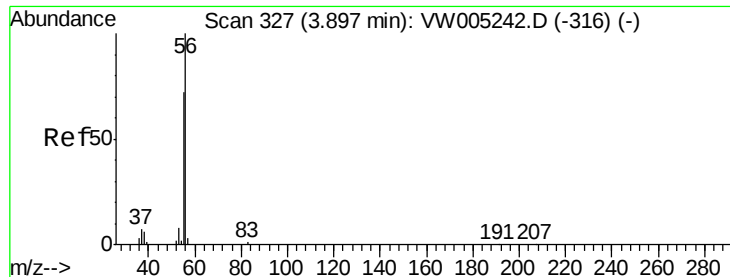


#12

1,1-Dichloroethene
Concen: 4.98 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	118.2	177.2
98	60.7	49.9	74.9





#13

Acrolein

Concen: 24.45 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 7374

Ion Ratio Lower Upper

56 100

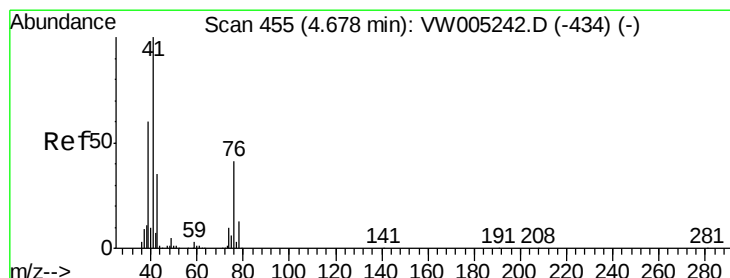
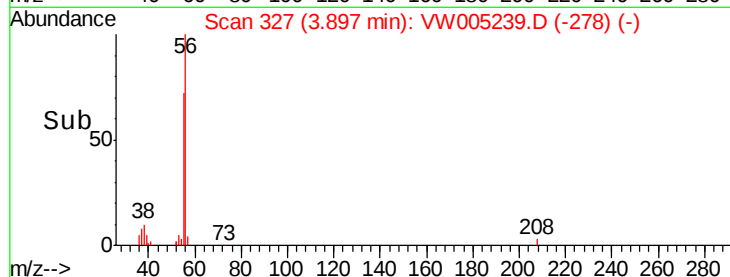
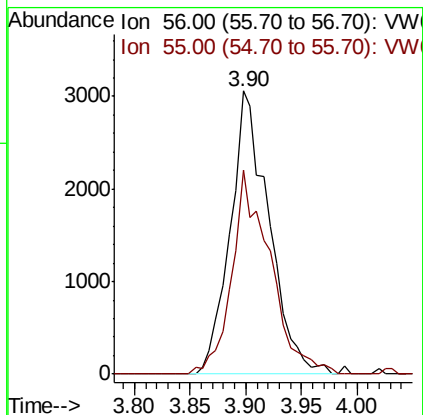
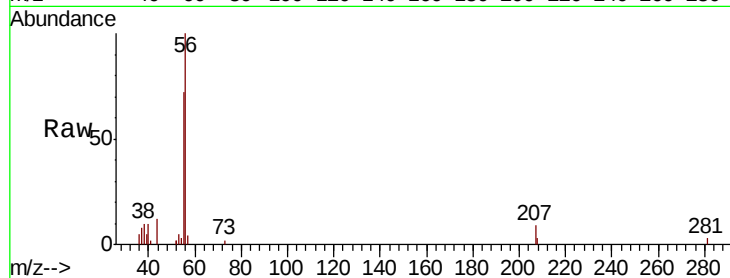
55 71.2 56.8 85.2

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#14

Allyl chloride

Concen: 4.86 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

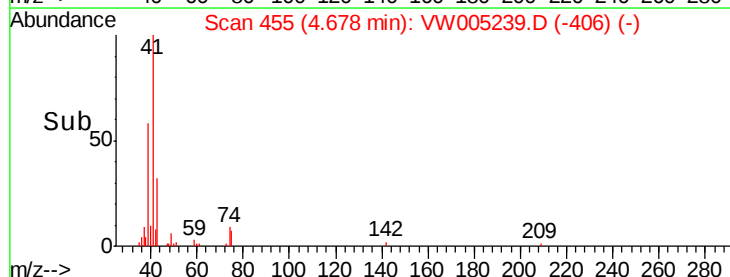
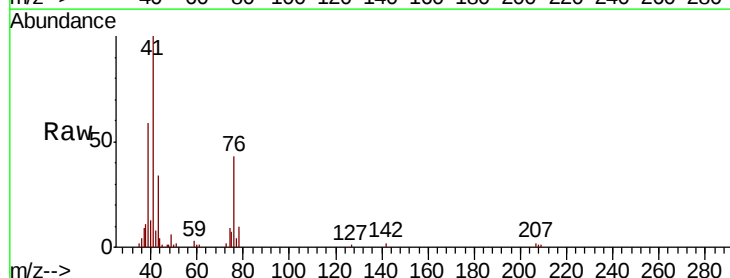
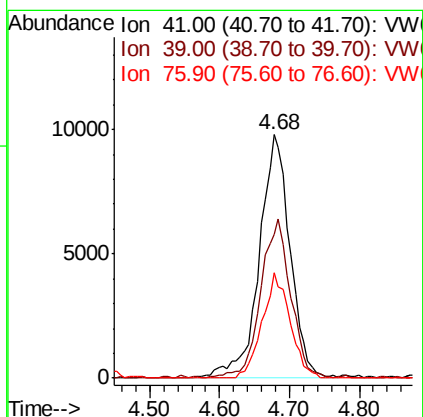
Tgt Ion: 41 Resp: 30045

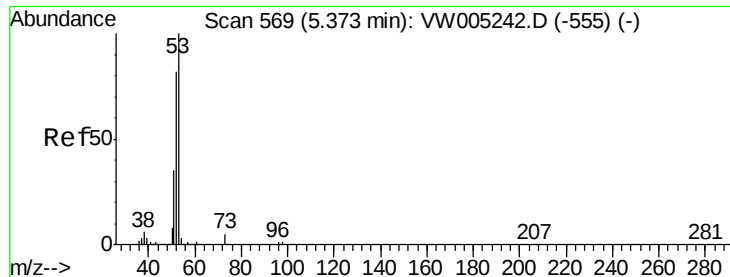
Ion Ratio Lower Upper

41 100

39 63.5 48.2 72.4

76 39.0 31.7 47.5





#15

Acrylonitrile

Concen: 23.62 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

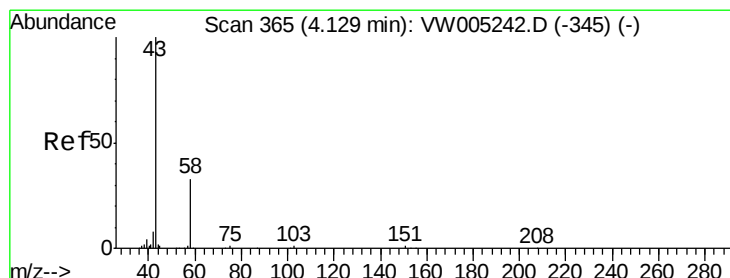
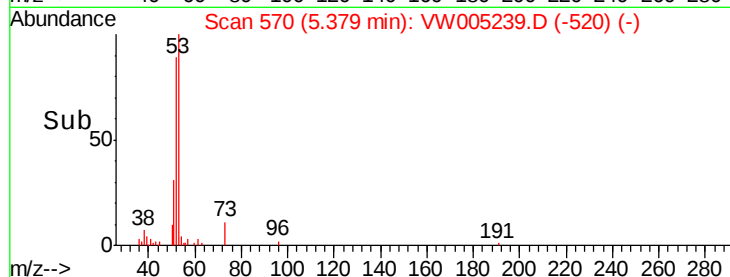
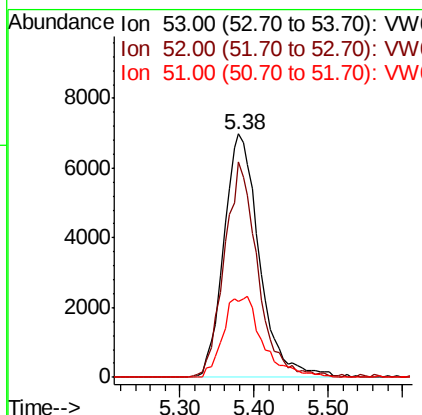
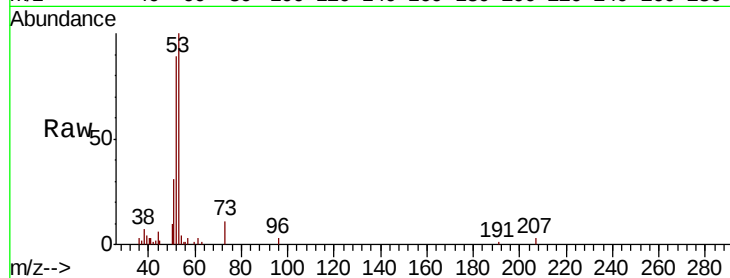
ClientSampled :

VSTDIC005

Tot Ion:	53	Resp:	23220
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.0	99.0
51	36.6	28.6	43.0

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#16

Acetone

Concen: 25.14 ug/l

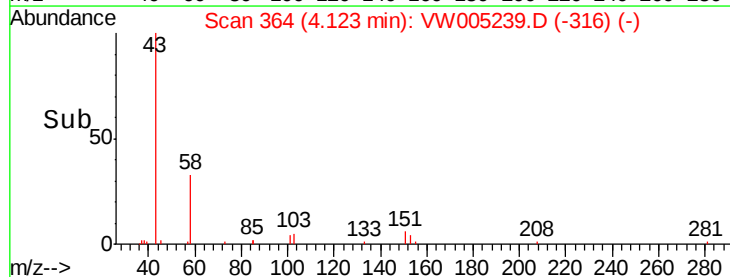
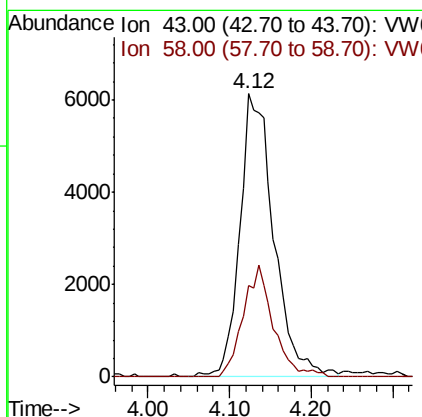
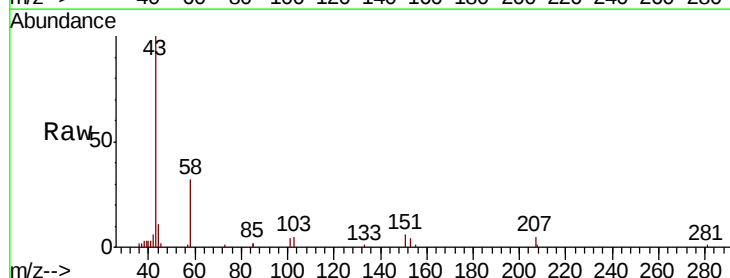
RT: 4.12 min Scan# 364

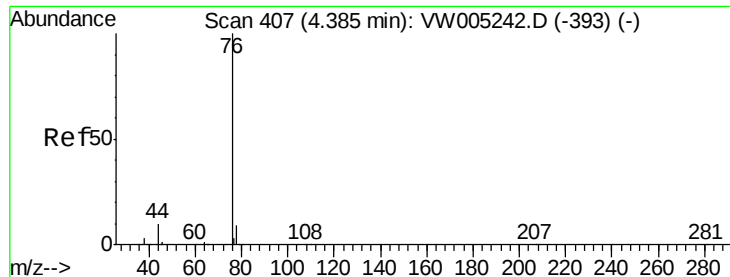
Delta R.T. -0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	43	Resp:	17767
Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.7	40.1





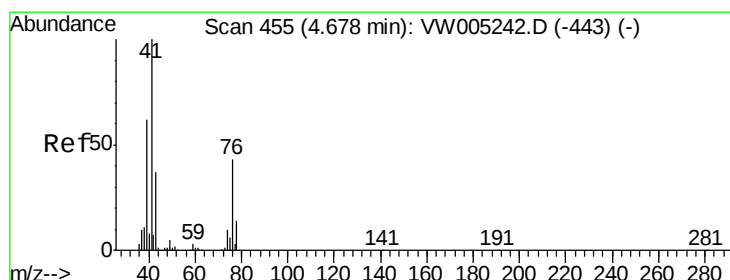
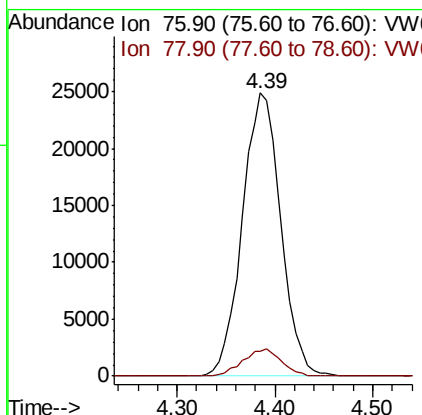
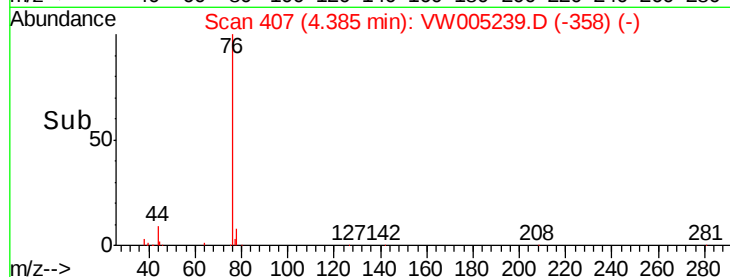
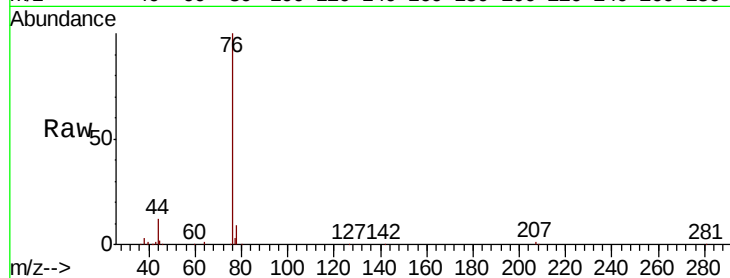
#17
Carbon Disulfide
Concen: 4.82 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

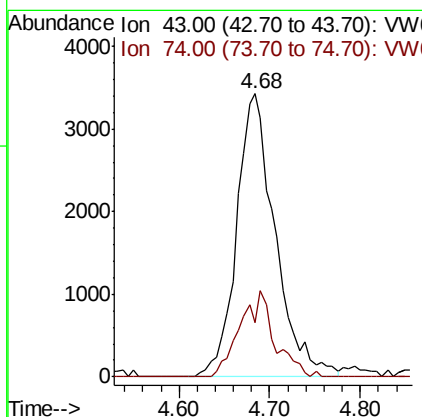
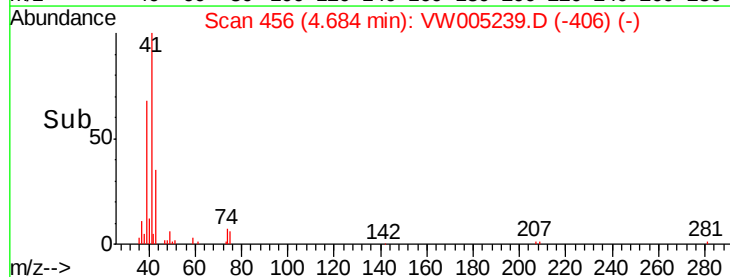
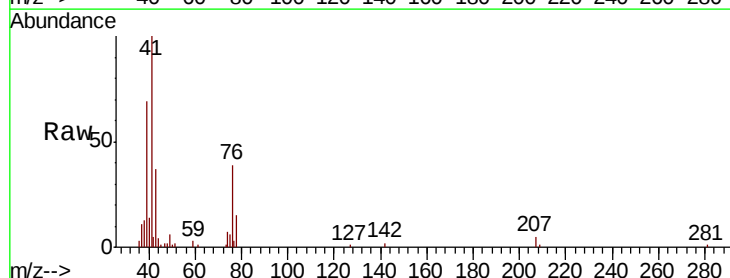
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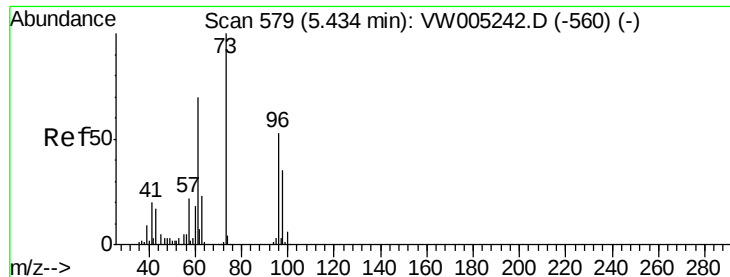
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#18
Methyl Acetate
Concen: 4.79 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.4	32.2





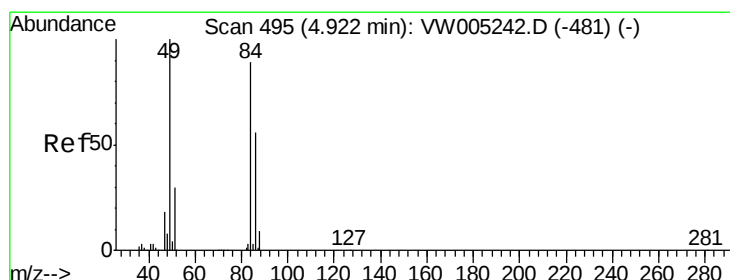
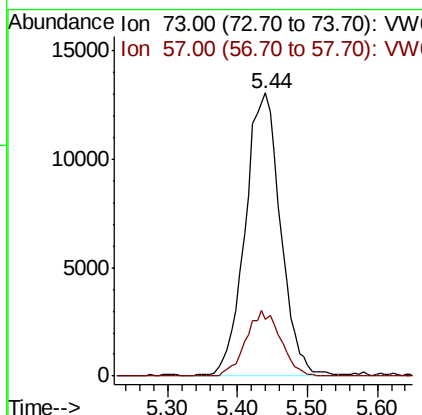
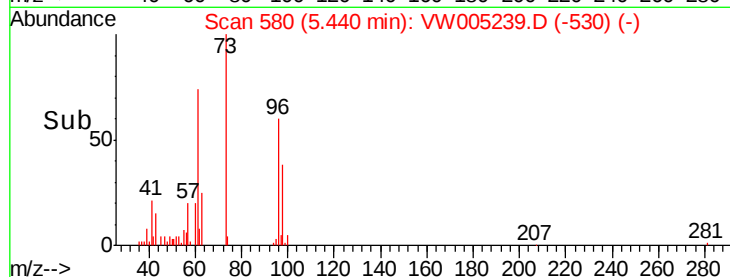
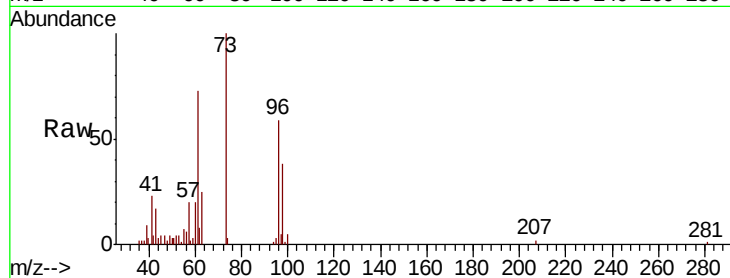
#19
Methvl tert-butvl Ether
Concen: 4.81 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 46072
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.2

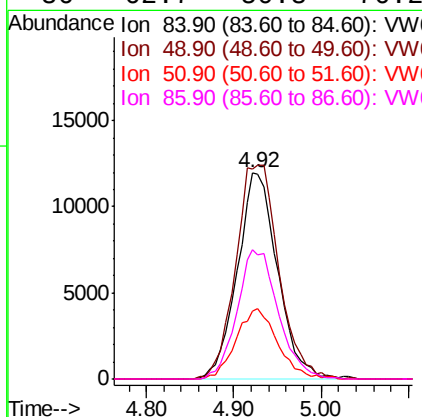
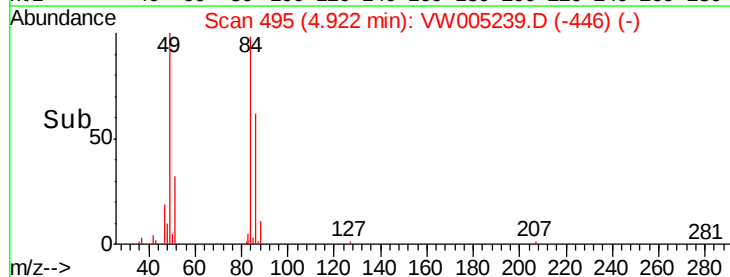
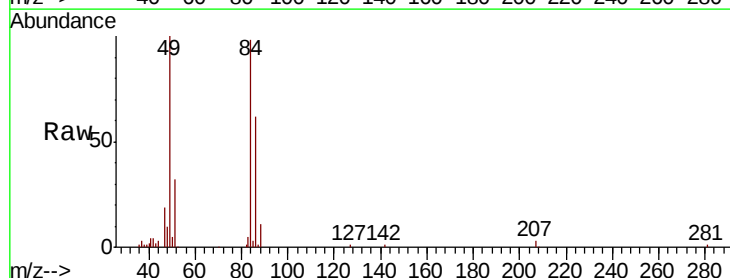
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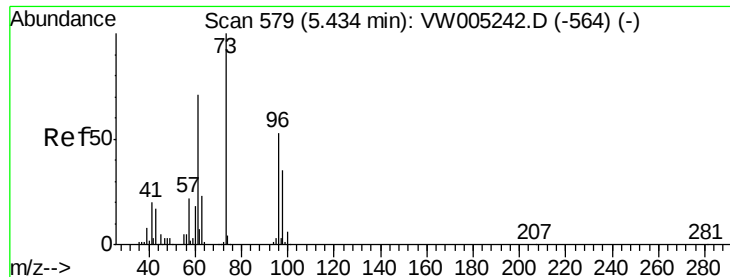
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#20
Methylene Chloride
Concen: 6.39 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 84 Resp: 38240
Ion Ratio Lower Upper
84 100
49 101.9 90.3 135.5
51 32.9 26.9 40.3
86 62.7 50.8 76.2





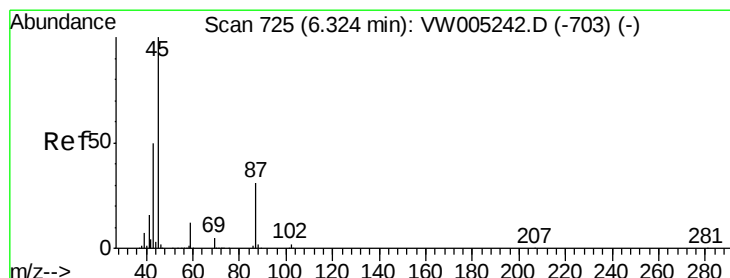
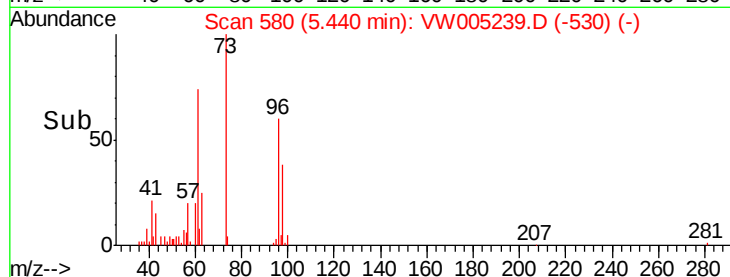
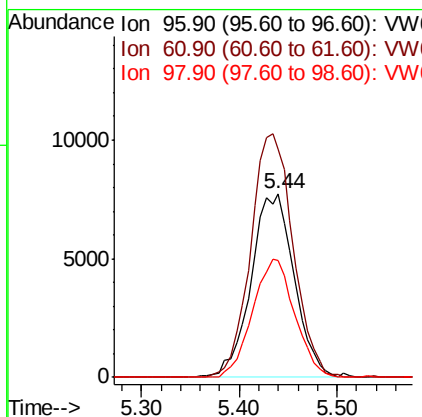
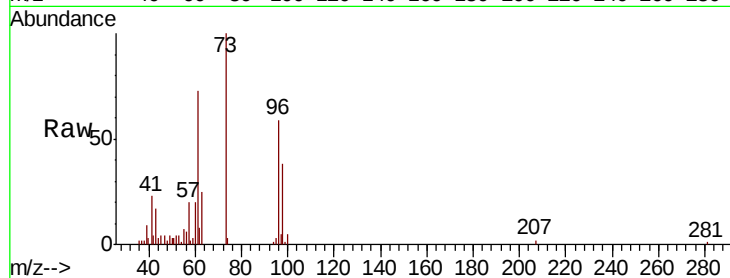
#21
trans-1,2-Dichloroethene
Concen: 5.08 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	105.7	158.5
98	63.7	52.8	79.2

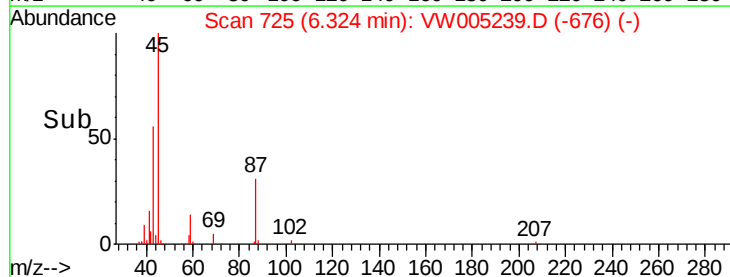
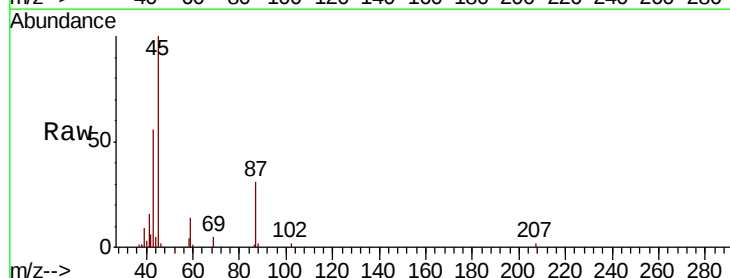
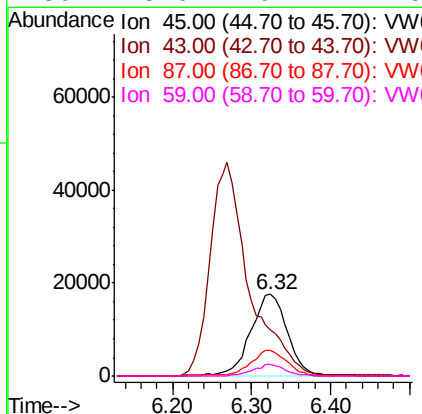
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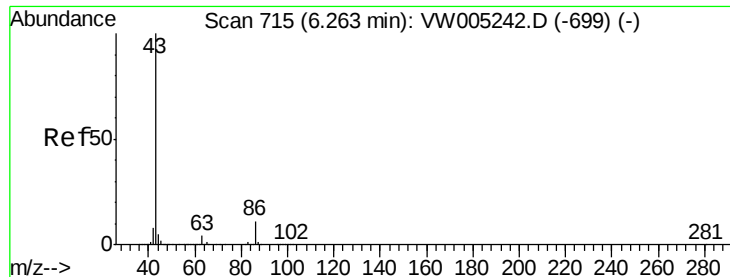
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#22
Diisopropyl ether
Concen: 4.58 ug/l
RT: 6.32 min Scan# 725
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.7	39.6	59.4
87	31.1	24.7	37.1
59	13.6	9.7	14.5





#23

Vinyl Acetate

Concen: 22.86 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 158404

Ion Ratio Lower Upper

43 100

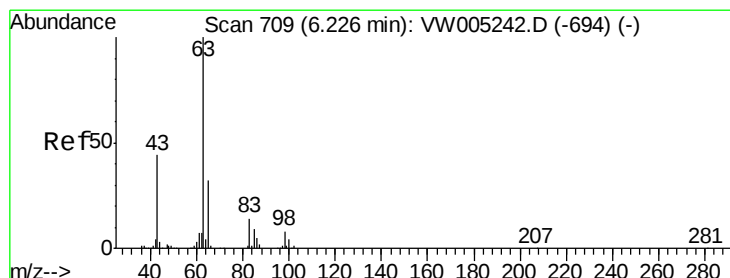
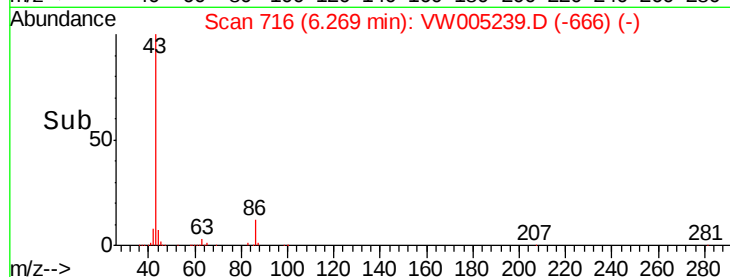
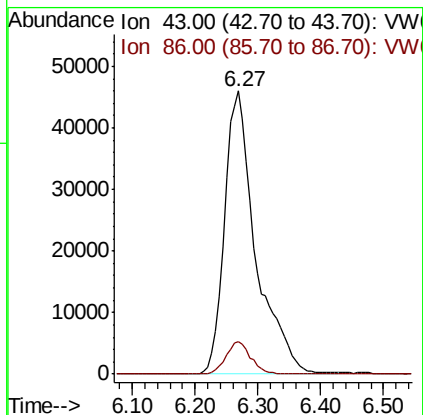
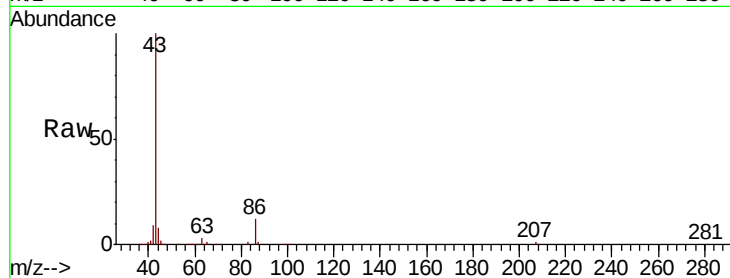
86 11.6 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 5.00 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

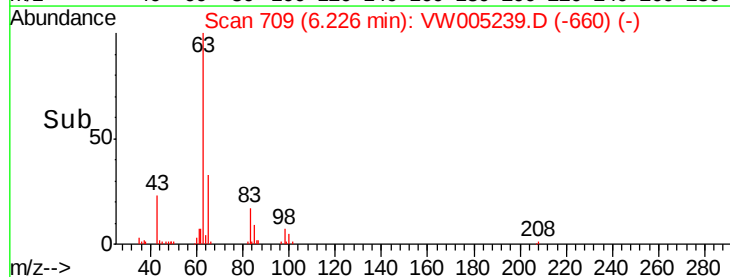
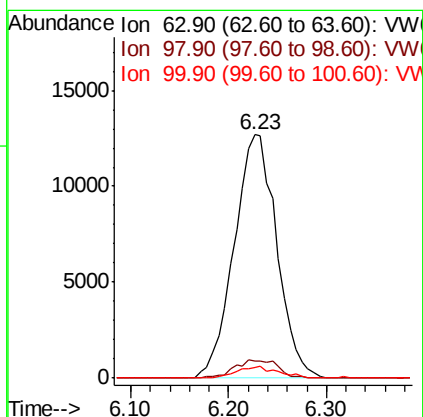
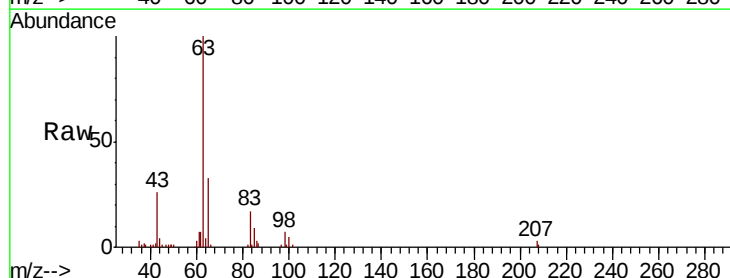
Tgt Ion: 63 Resp: 38301

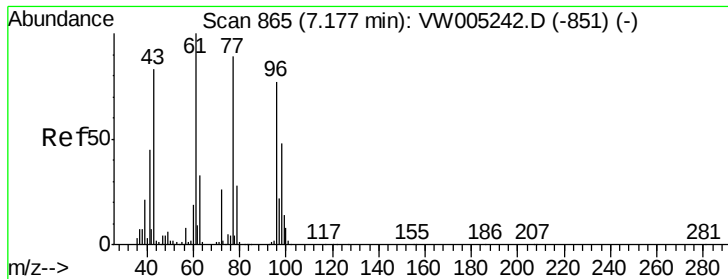
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 24.31 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 27100

Ion Ratio Lower Upper

43 100

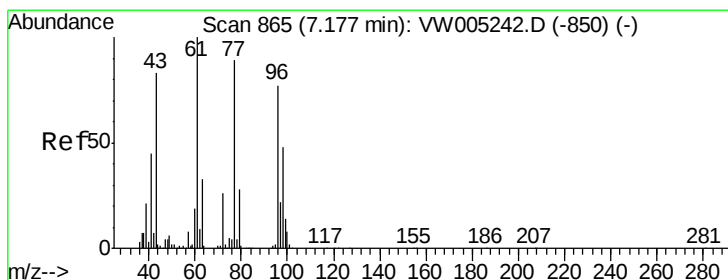
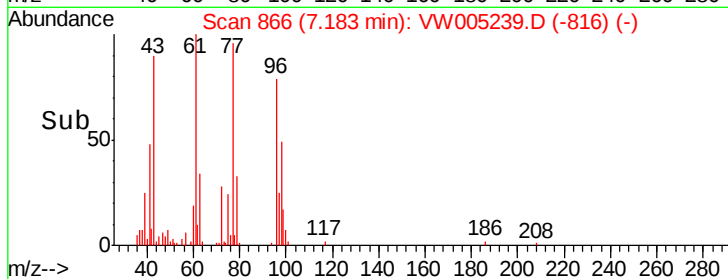
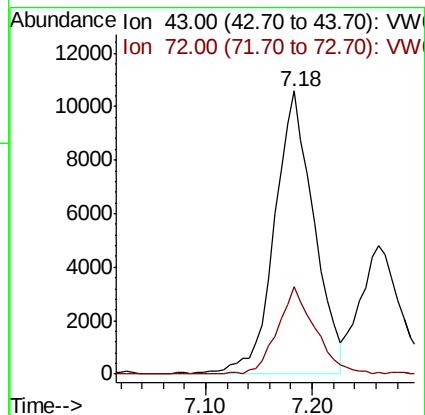
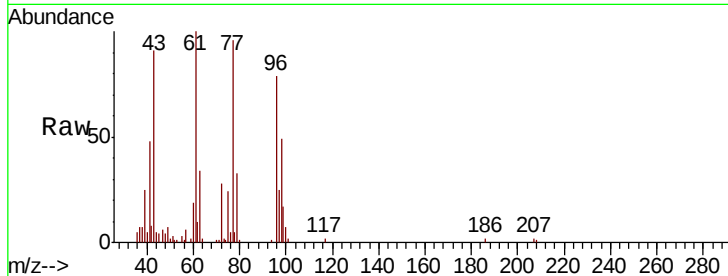
72 30.8 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 5.31 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005239.D

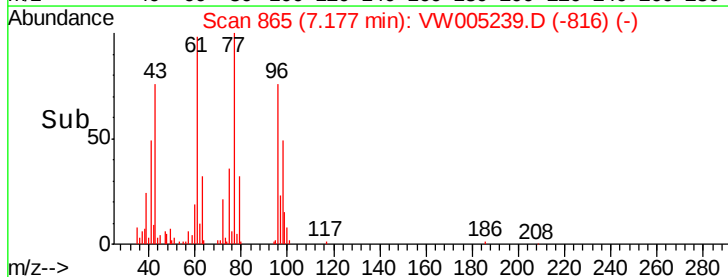
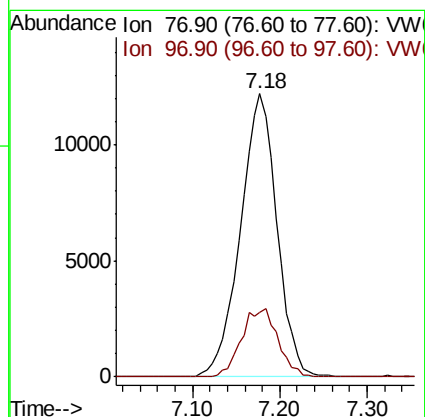
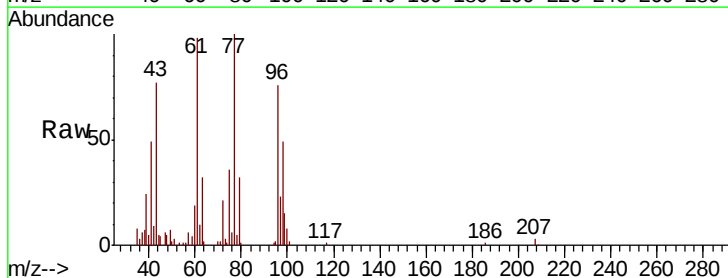
Acq: 10 Sep 2018 14:07

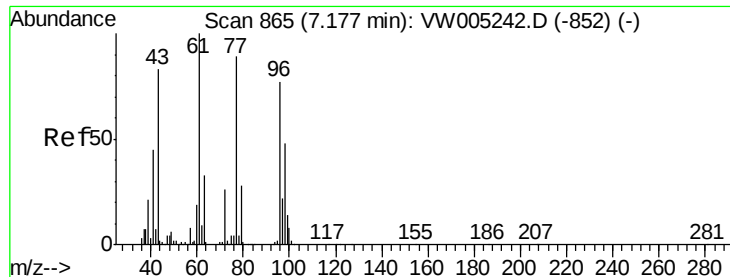
Tgt Ion: 77 Resp: 35214

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6





#27

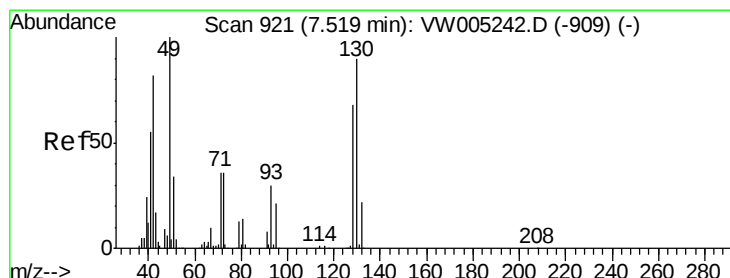
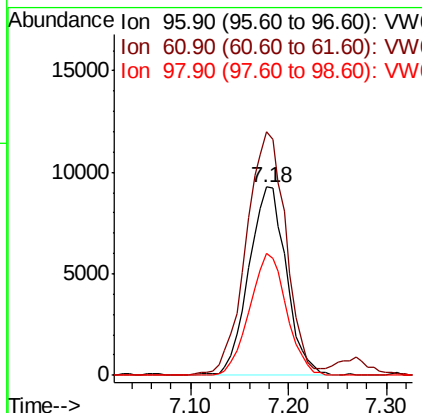
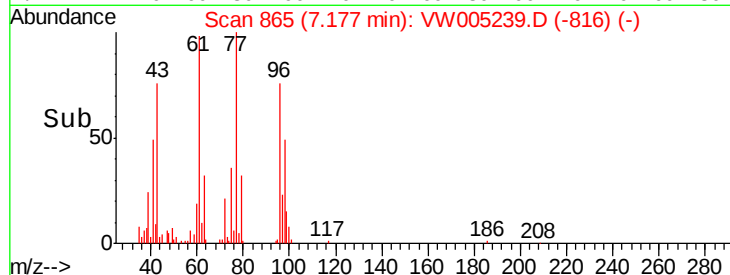
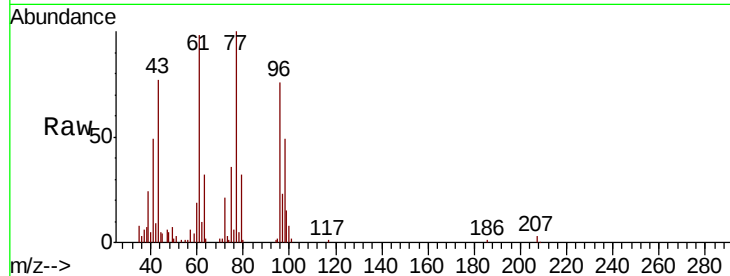
cis-1,2-Dichloroethene
 Concen: 4.95 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	273.4
98	63.6	0.0	127.8

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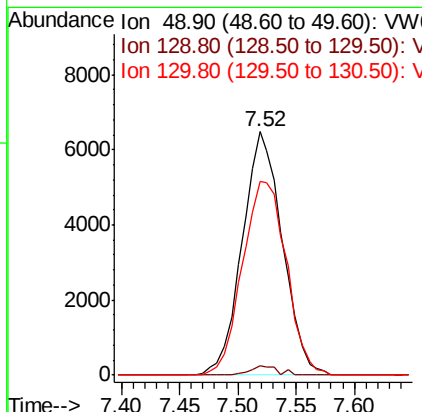
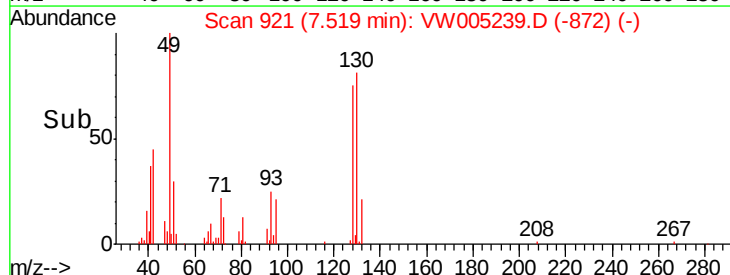
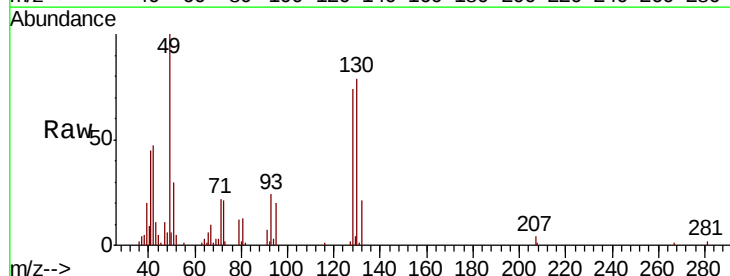
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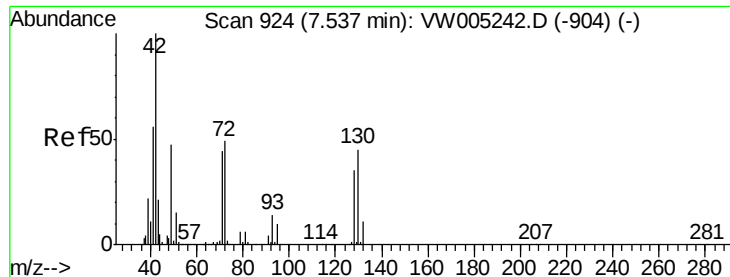


#28

Bromochloromethane
 Concen: 5.51 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	86.9	71.2	106.8





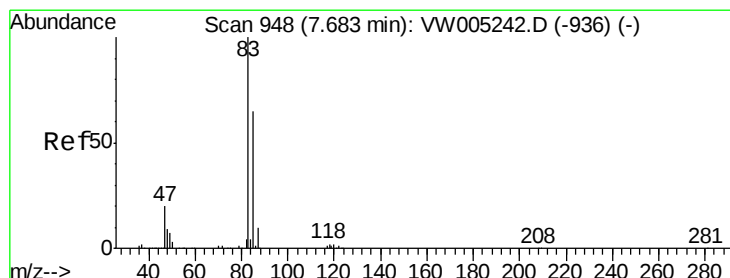
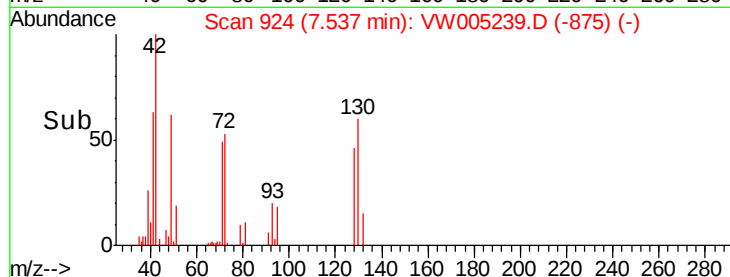
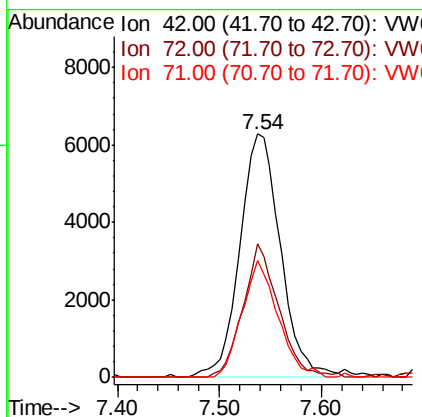
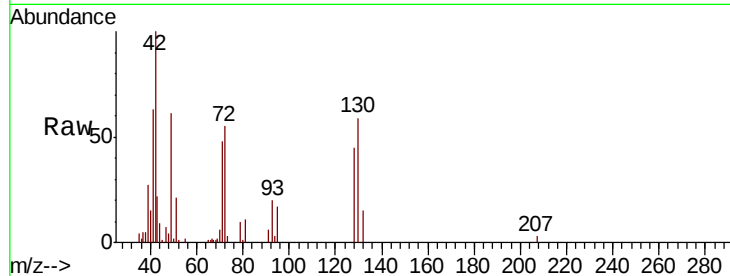
#29
Tetrahydrofuran
Concen: 23.19 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.5	56.3
71	42.4	34.8	52.2

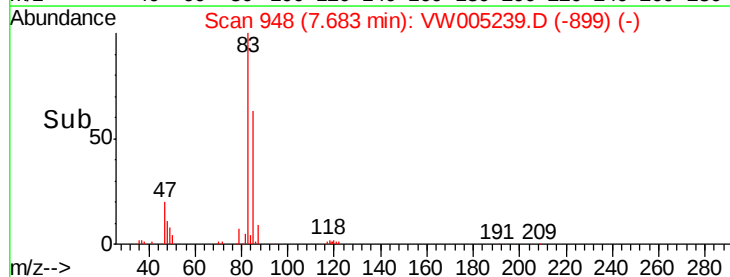
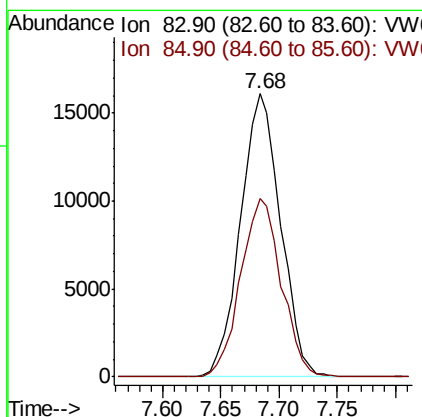
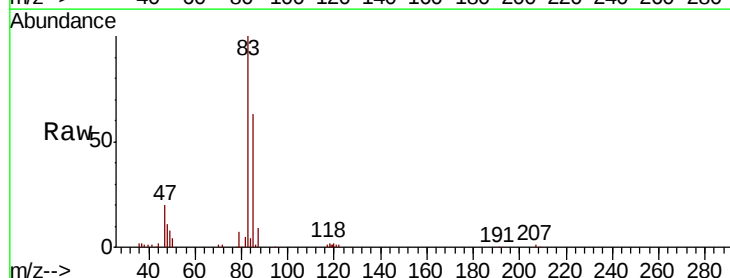
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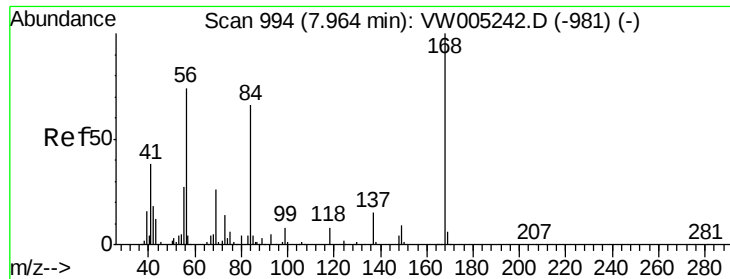
apatel
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#30
Chloroform
Concen: 5.00 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.7	77.5





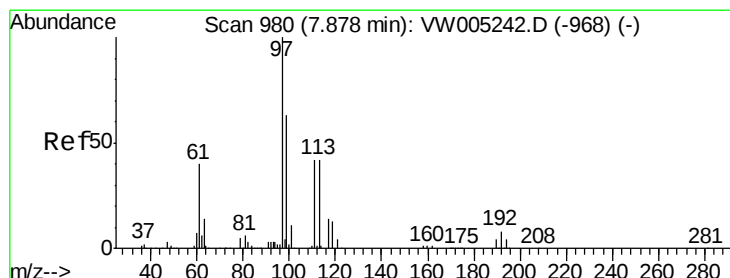
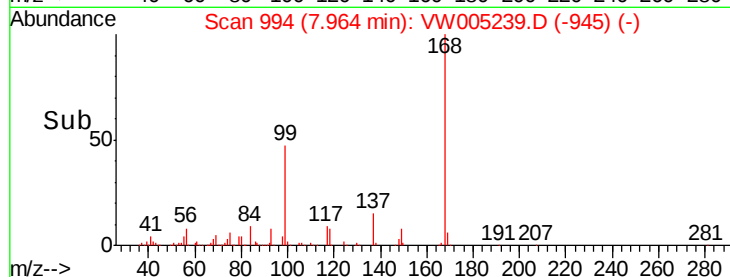
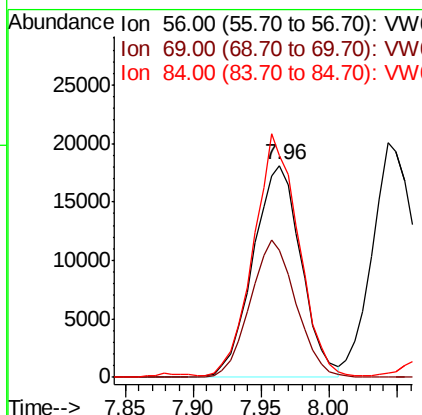
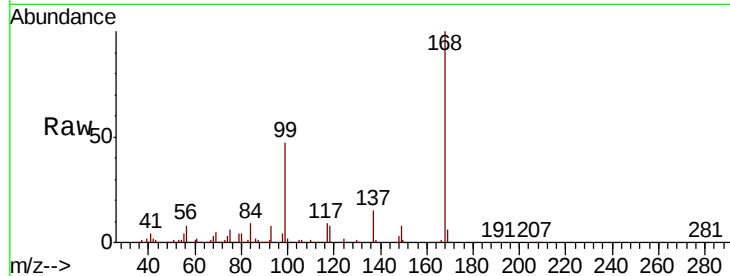
#31
Cyclohexane
Concen: 5.51 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	59.9	27.8	41.8#
84	103.4	72.1	108.1

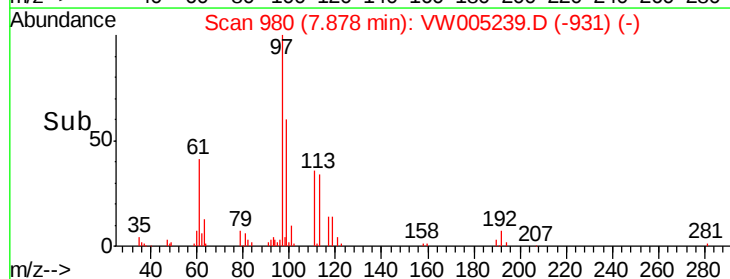
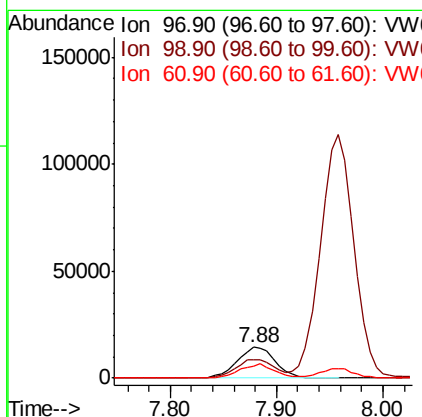
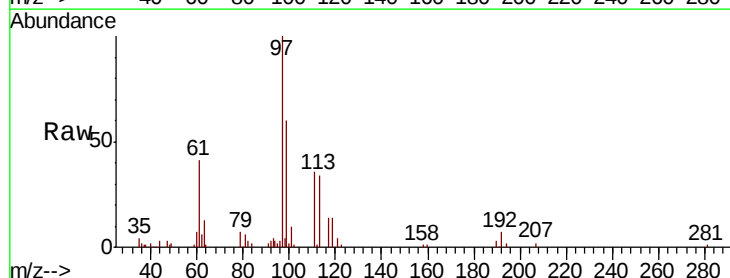
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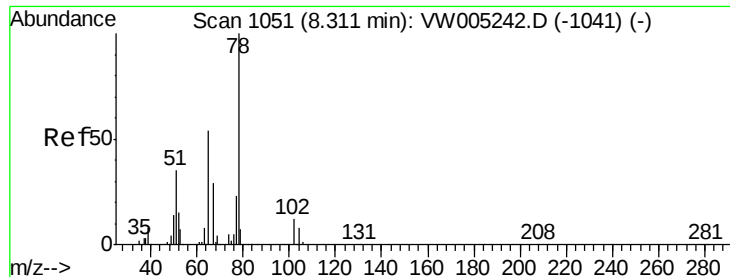
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#32
1,1,1-Trichloroethane
Concen: 5.20 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.5	77.3
61	42.5	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 5.12 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 19479

Ion Ratio Lower Upper

65 100

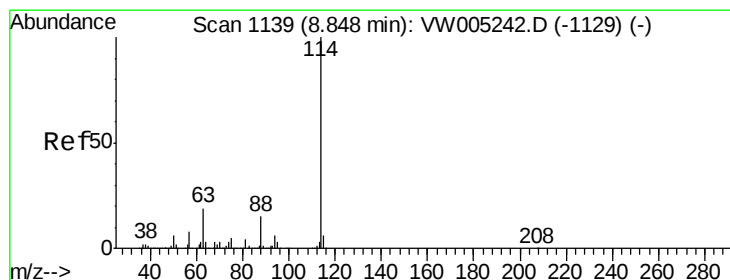
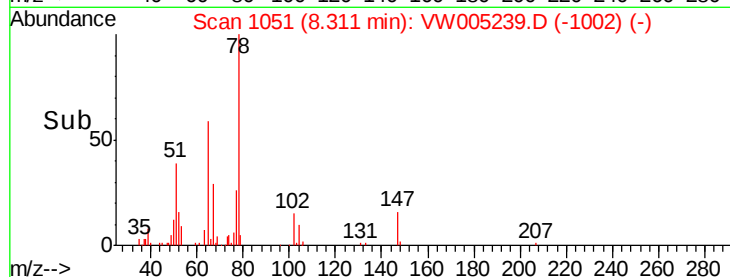
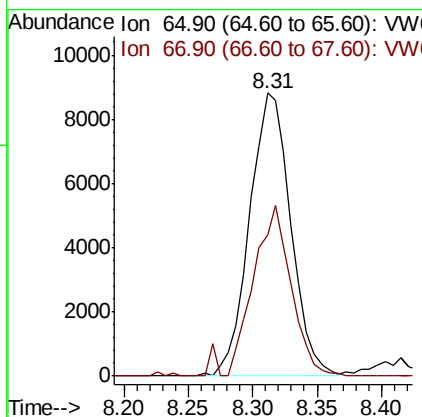
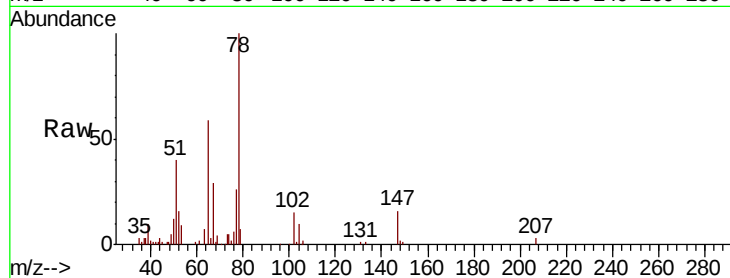
67 55.1 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

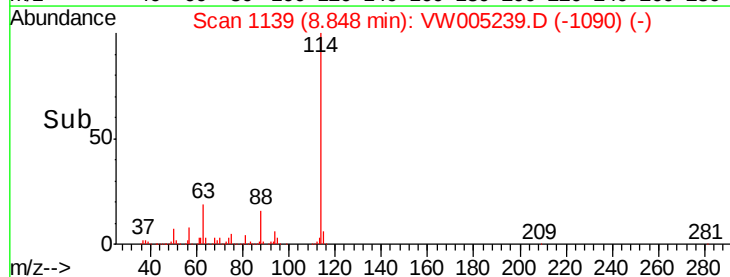
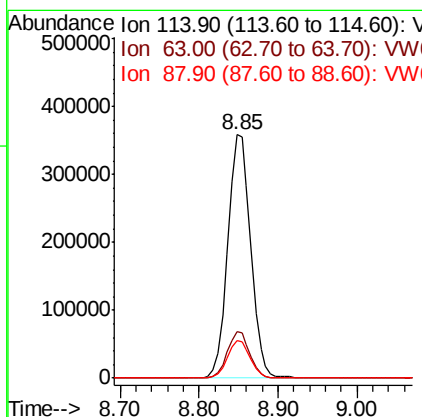
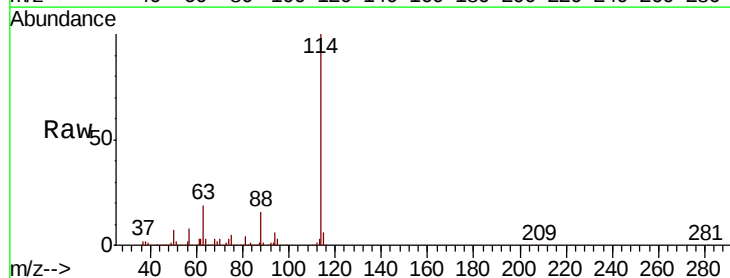
Tgt Ion: 114 Resp: 724157

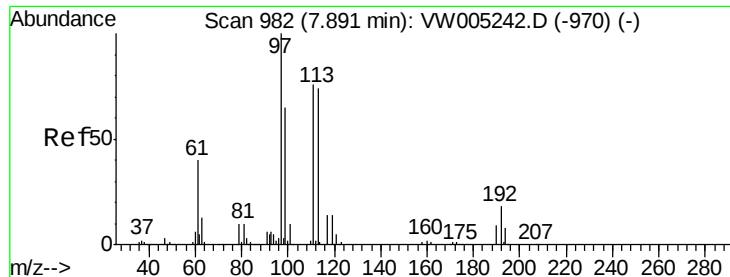
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

88 15.5 0.0 30.4





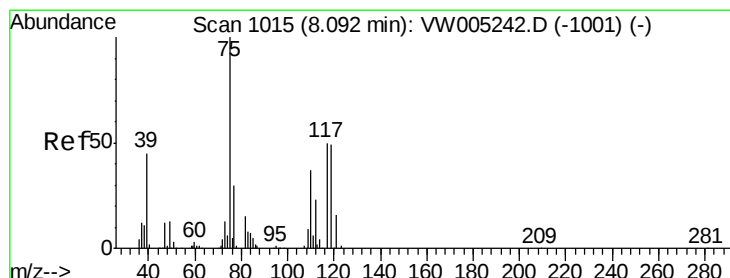
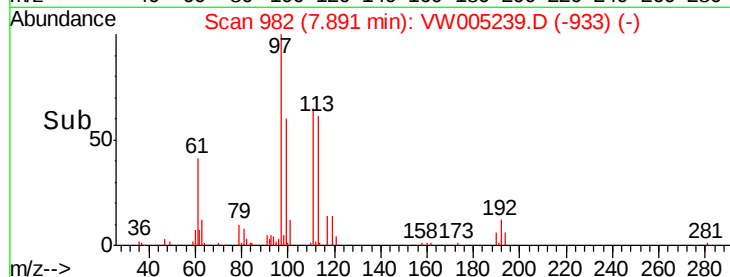
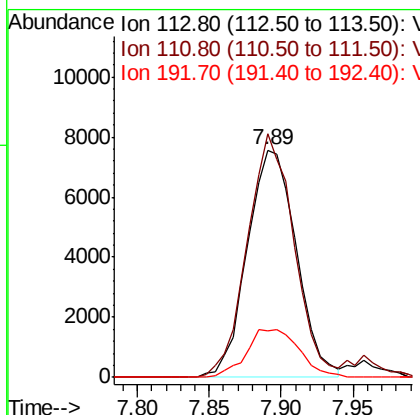
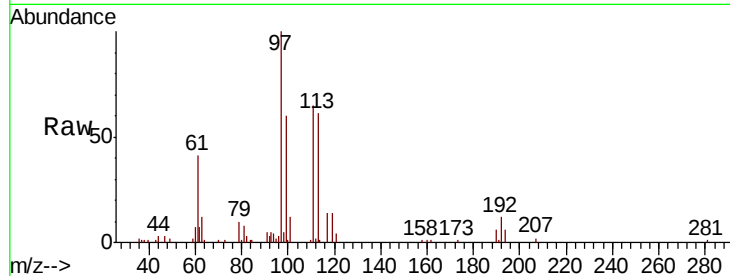
#35
Dibromofluoromethane
Concen: 4.71 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.8	18.3	27.5

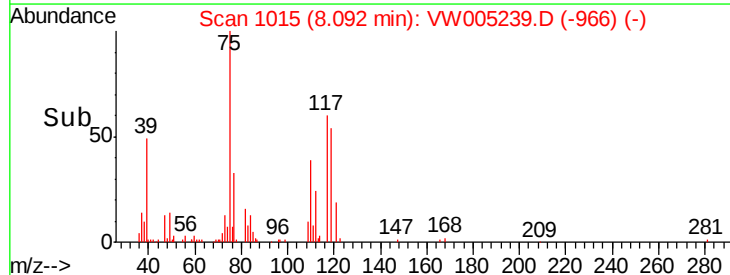
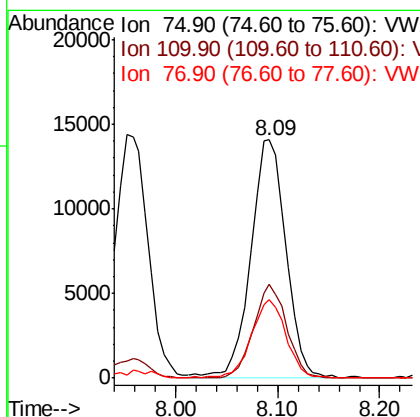
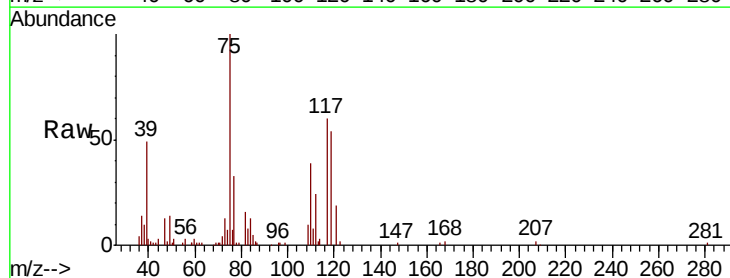
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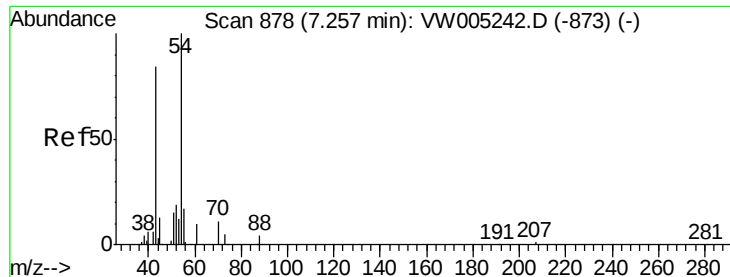
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#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.8	56.4
77	32.5	24.9	37.3





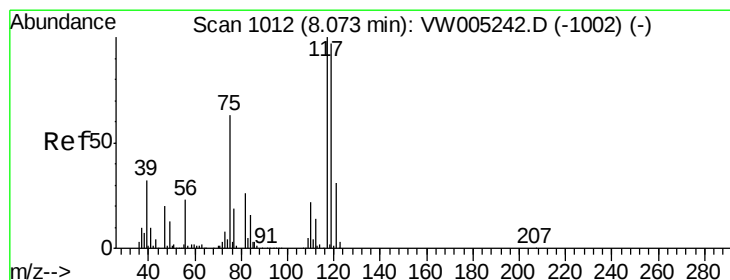
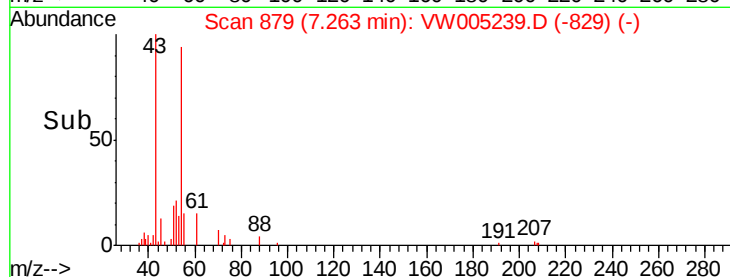
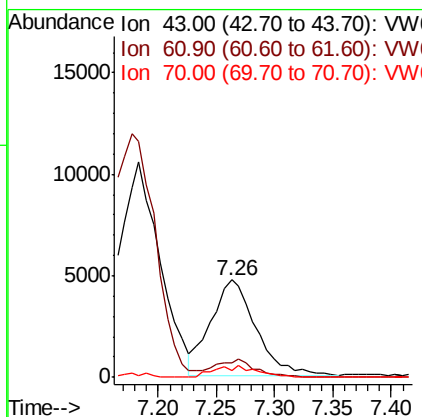
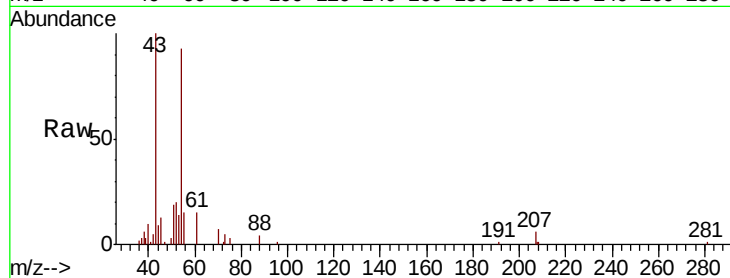
#37
Ethyl Acetate
Concen: 5.05 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.3	18.5
70	5.2	9.5	14.3

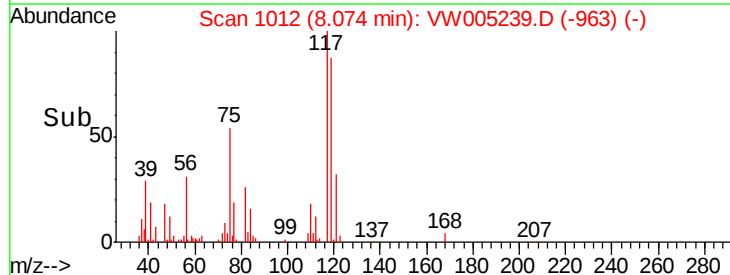
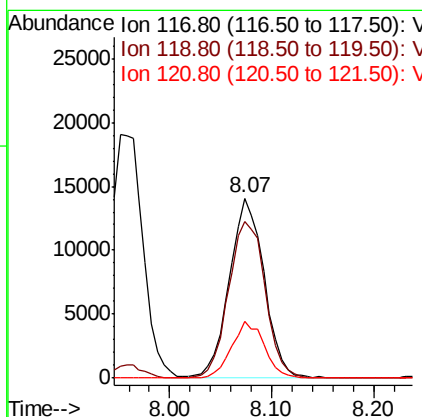
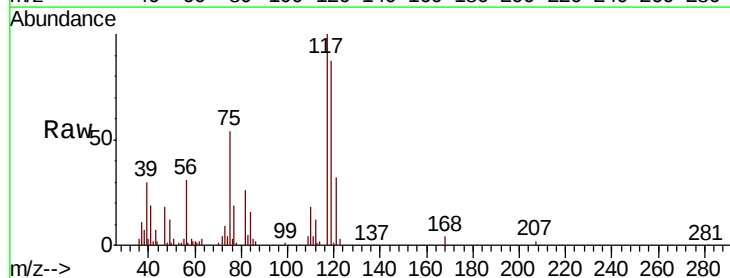
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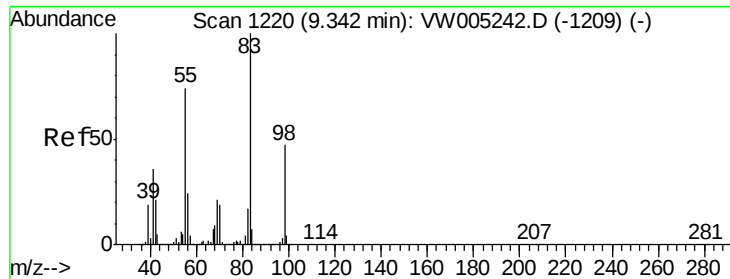
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#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.9	77.5	116.3
121	31.7	24.7	37.1





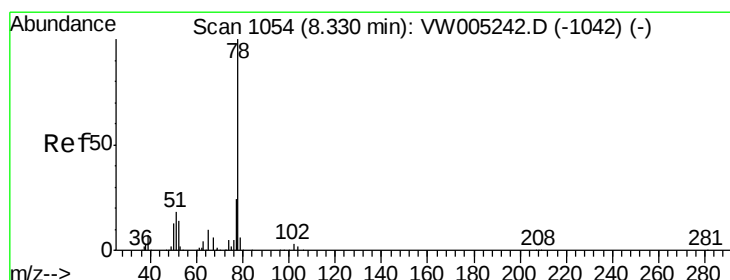
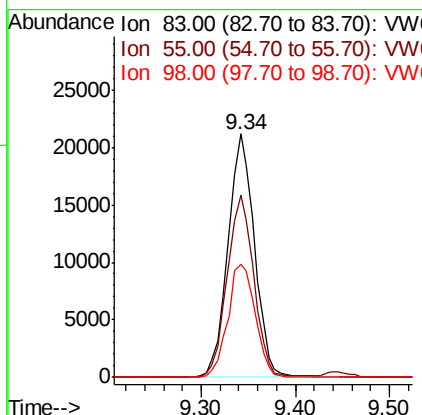
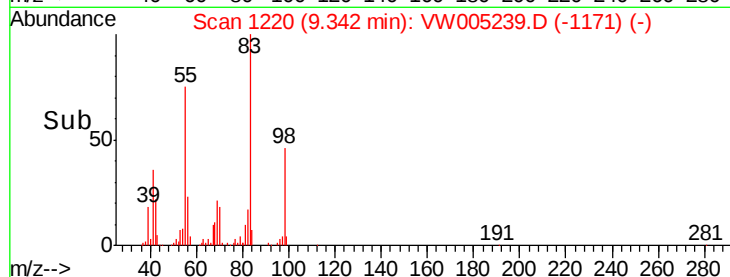
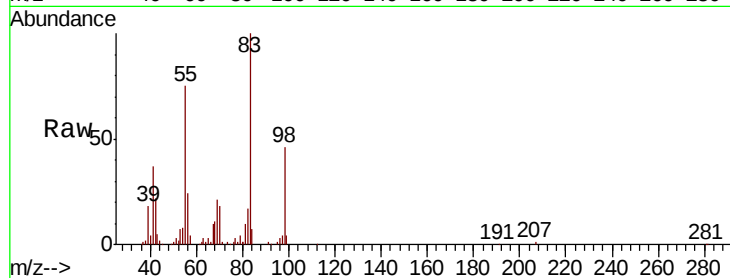
#39
Methylcyclohexane
Concen: 4.70 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	58.9	88.3
98	46.4	37.6	56.4

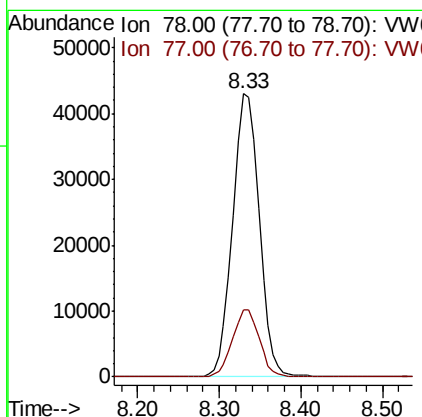
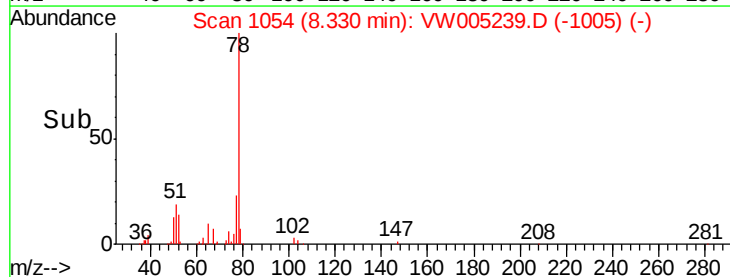
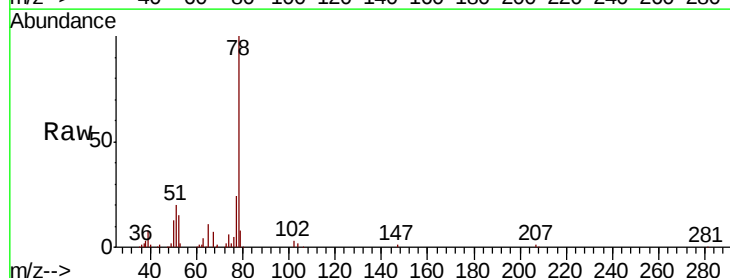
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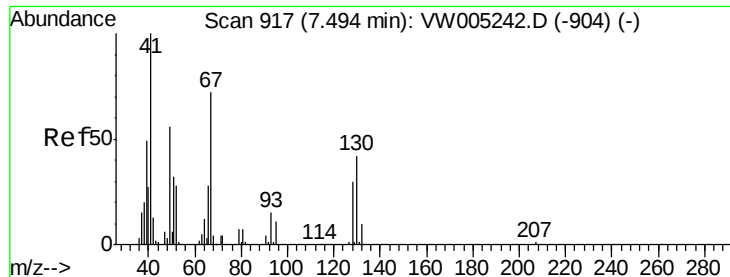
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#40
Benzene
Concen: 4.97 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





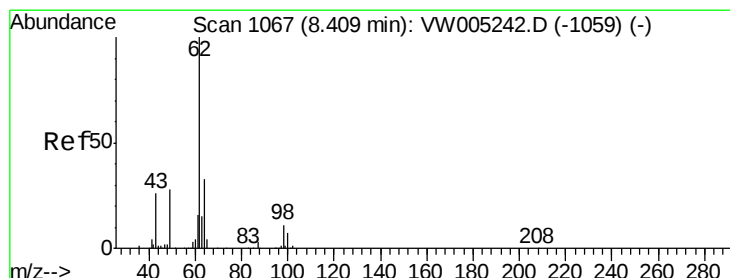
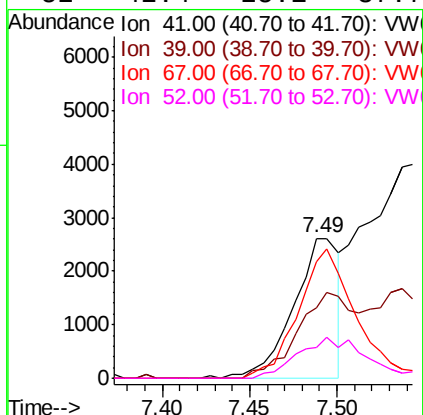
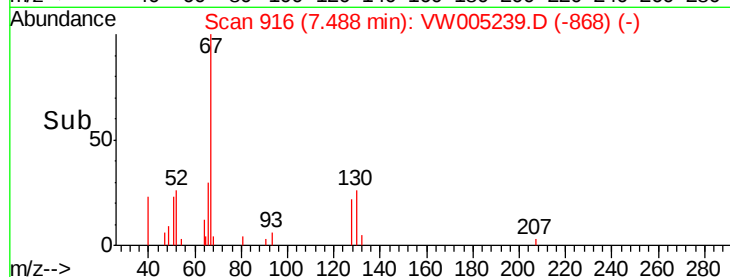
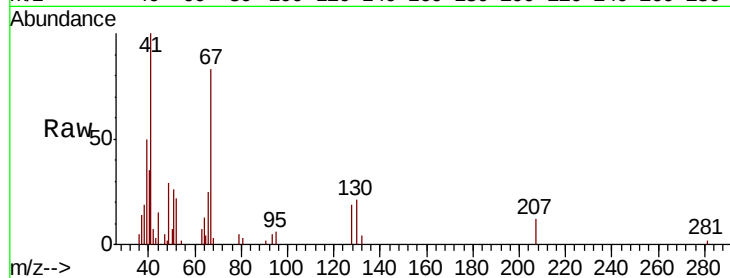
#41
Methacrylonitrile
Concen: 3.68 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.3	39.9	59.9#
67	115.9	65.7	98.5#
52	42.4	25.1	37.7#

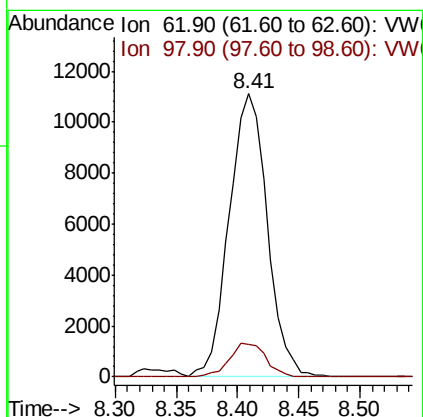
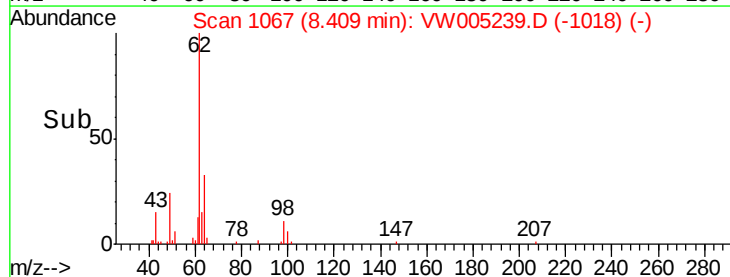
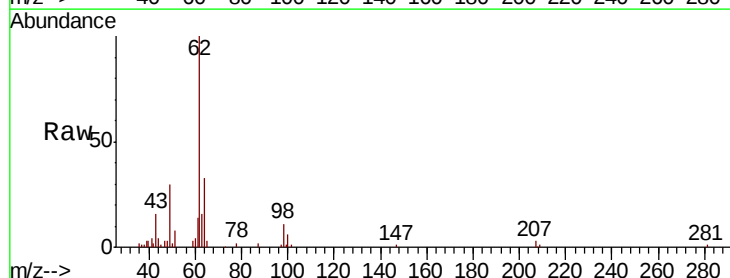
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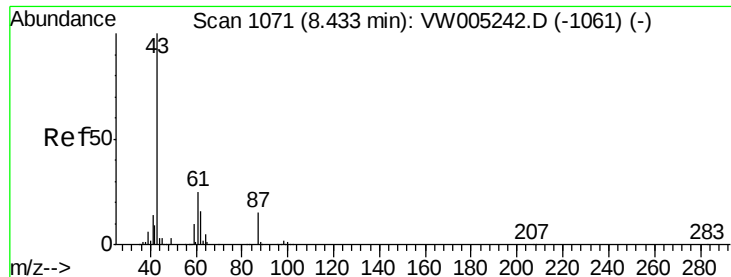
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#42
1,2-Dichloroethane
Concen: 5.14 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 4.75 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

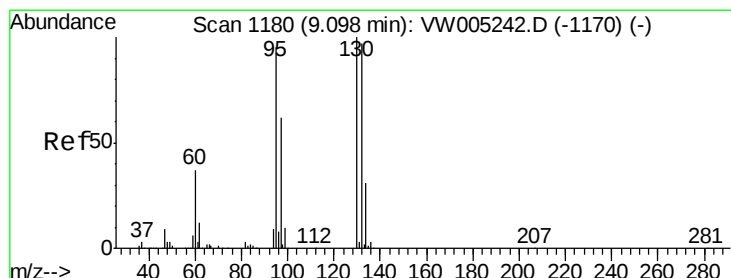
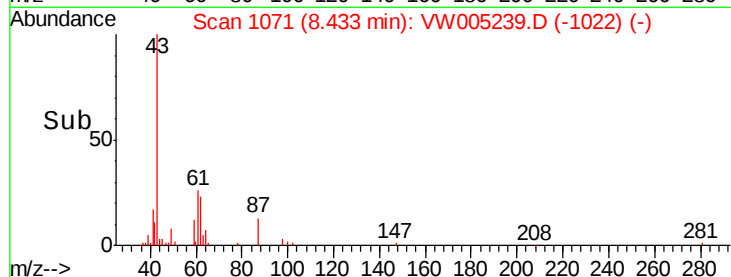
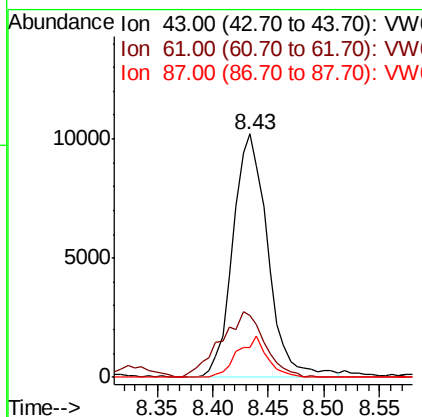
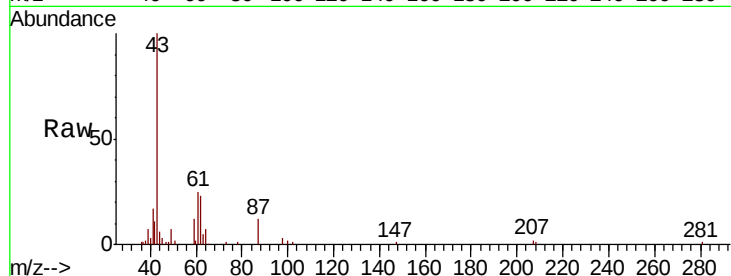
ClientSampled :

VSTDIC005

Tot Ion:	43	Resp:	22280
Ion	Ratio	Lower	Upper
43	100		
61	33.8	25.4	38.0
87	14.3	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 5.11 ug/l

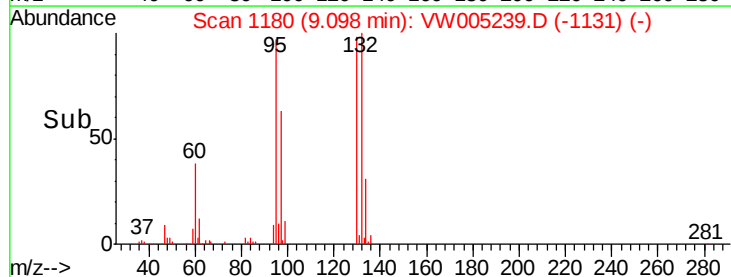
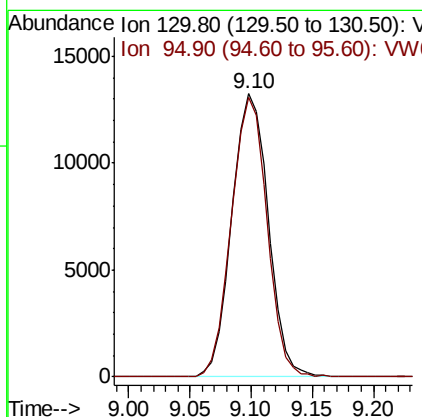
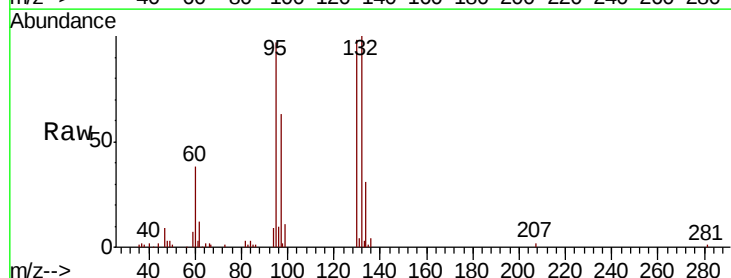
RT: 9.10 min Scan# 1180

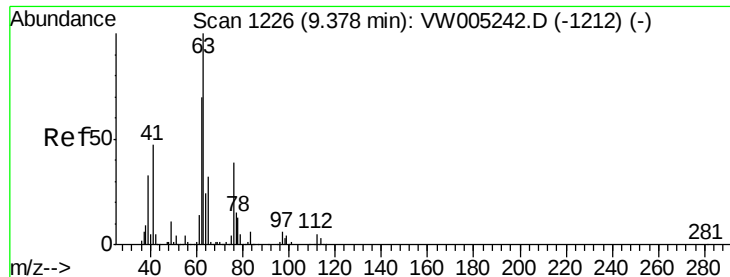
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	130	Resp:	27421
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	189.6





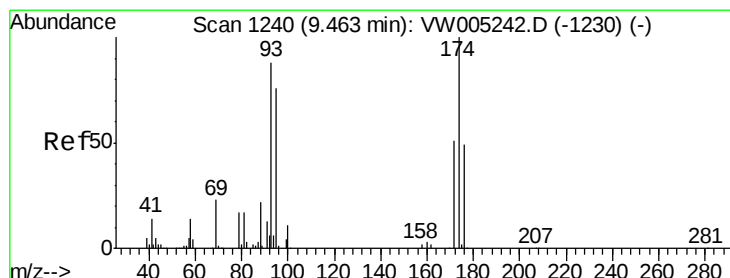
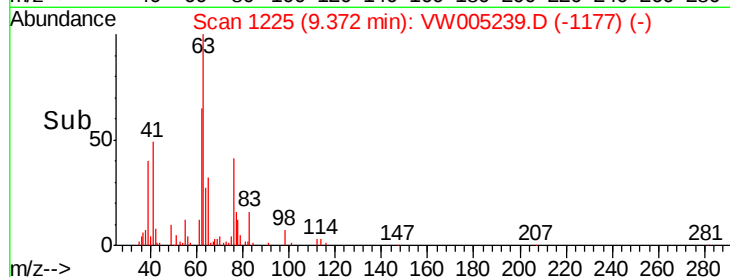
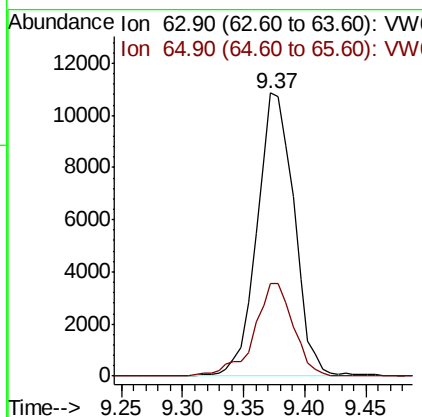
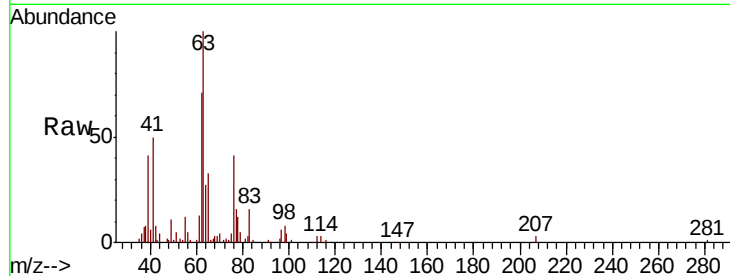
#45
 1,2-Dichloropropane
 Concen: 4.87 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.4	38.2

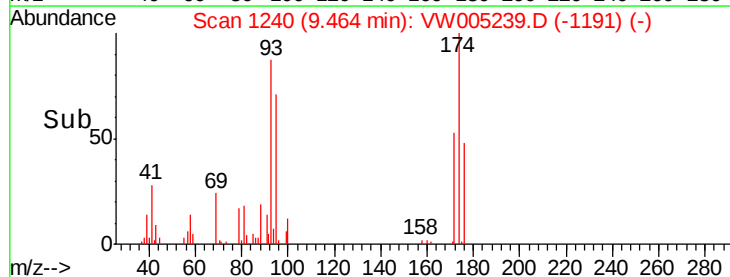
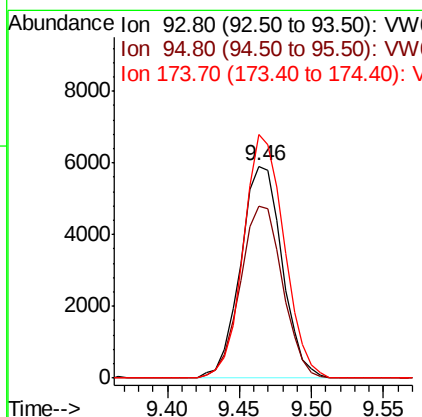
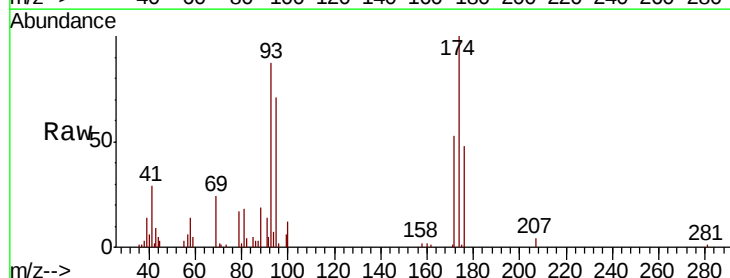
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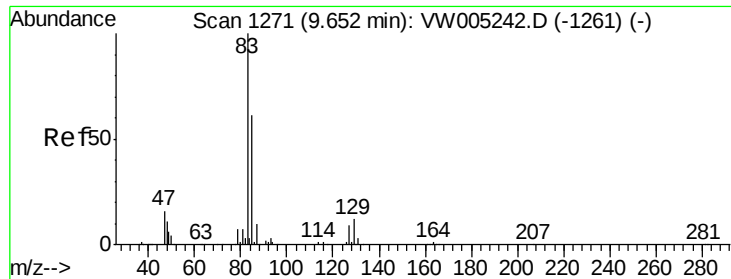
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#46
 Dibromomethane
 Concen: 5.13 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.4
174	112.3	92.2	138.2





#47

Bromodichloromethane

Concen: 4.86 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

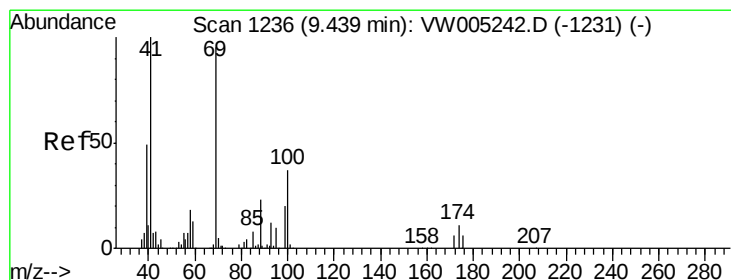
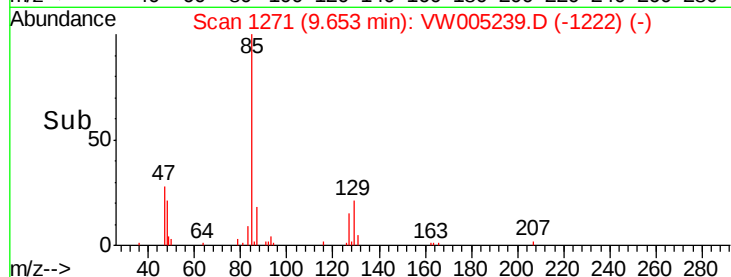
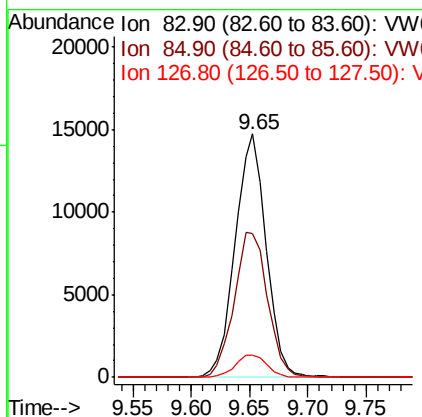
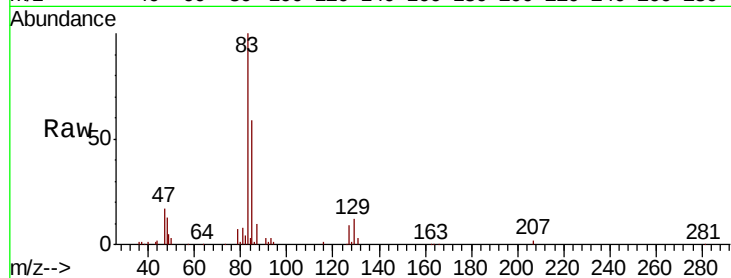
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	27343
Ion Ratio	Lower	Upper	
83	100		
85	59.1	49.0	73.6
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 4.20 ug/l

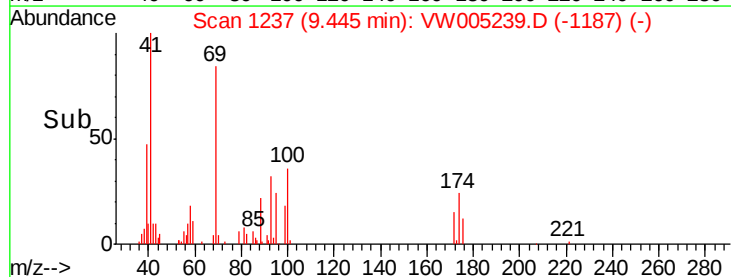
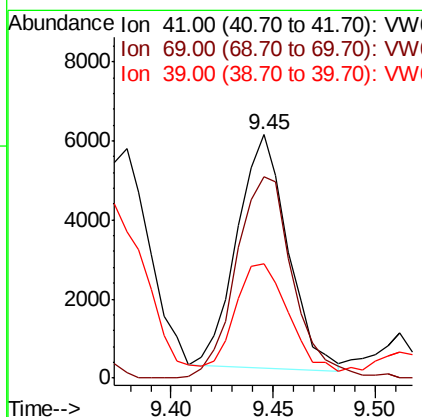
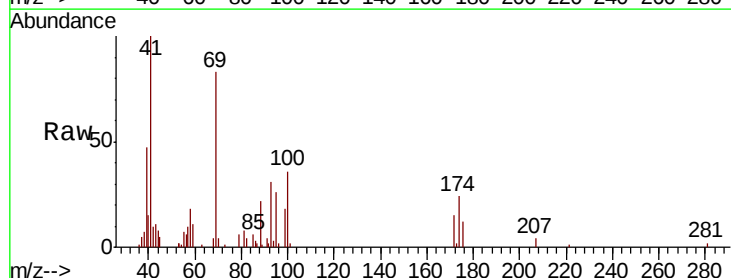
RT: 9.45 min Scan# 1237

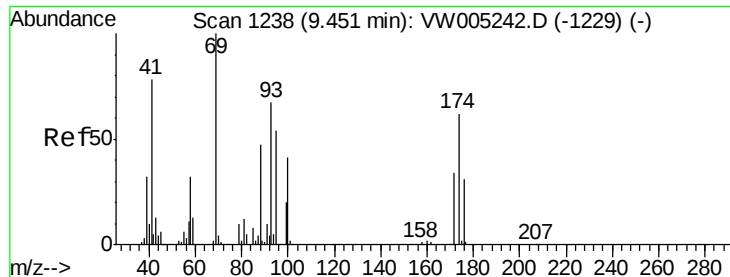
Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	41	Resp:	10210
Ion Ratio	Lower	Upper	
41	100		
69	96.8	74.6	112.0
39	54.1	36.7	55.1





#49

1,4-Dioxane

Concen: 89.95 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

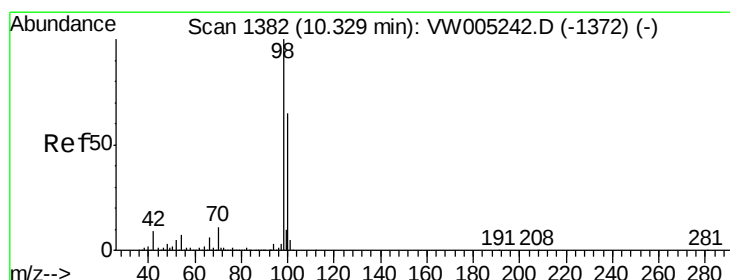
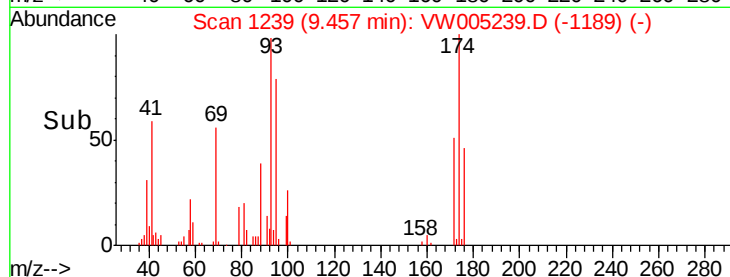
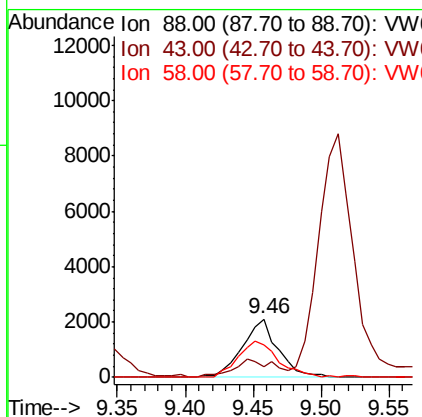
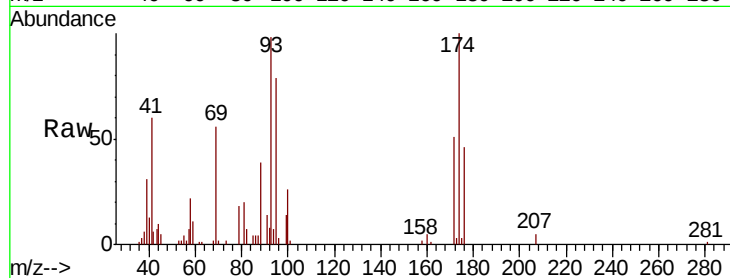
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	3862
Ion	Ratio	Lower	Upper
88	100		
43	35.9	22.7	34.1#
58	68.8	56.6	85.0

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#50

Toluene-d8

Concen: 4.72 ug/l

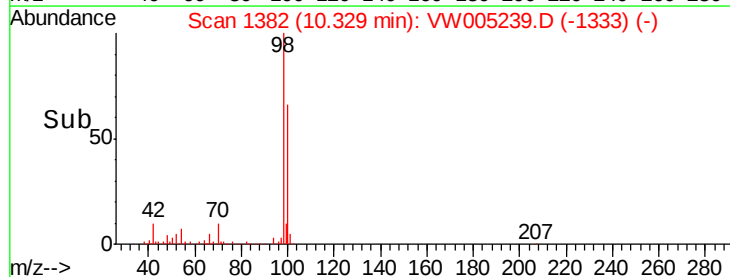
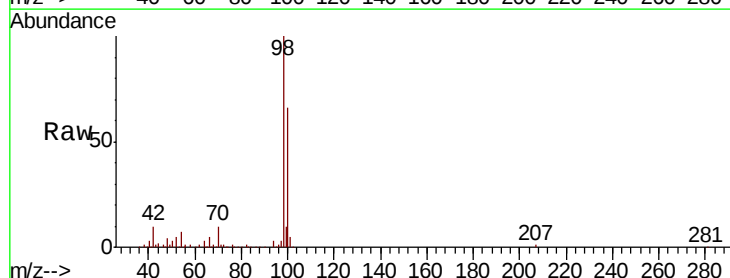
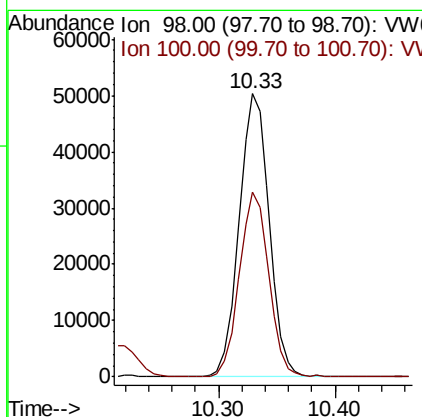
RT: 10.33 min Scan# 1382

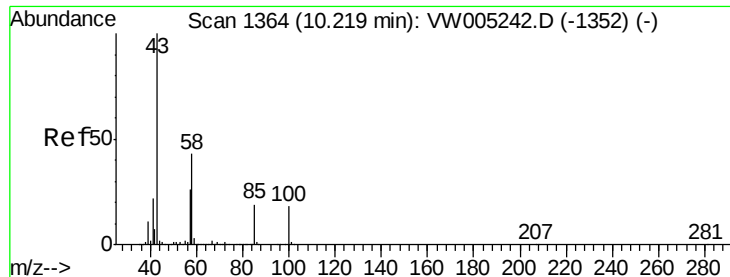
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	98	Resp:	90488
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 21.79 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 57453

Ion Ratio Lower Upper

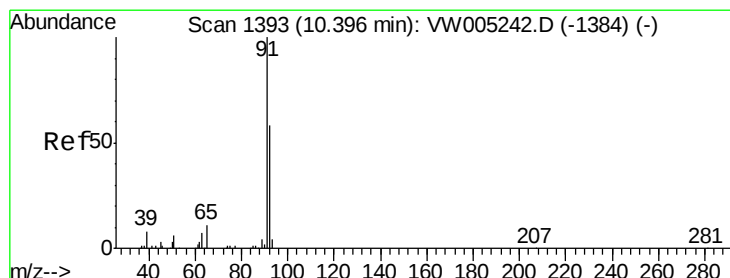
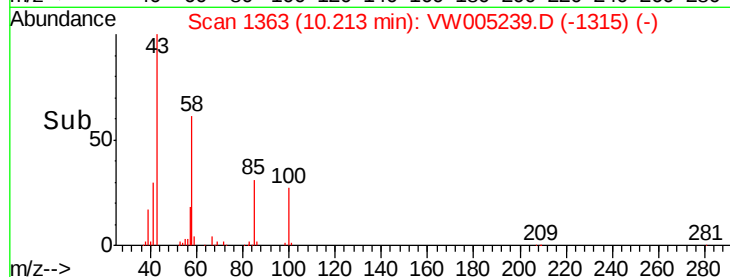
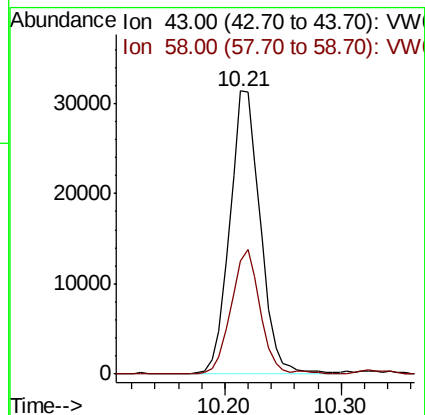
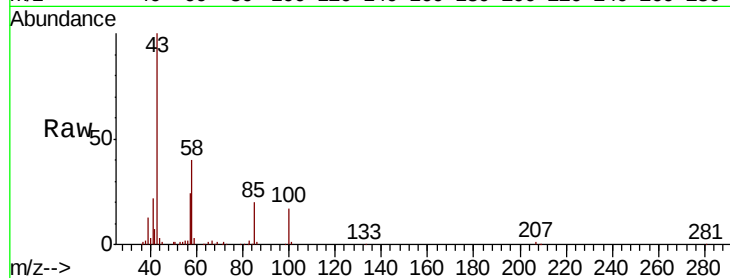
43 100

58 41.9 33.8 50.6

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#52

Toluene

Concen: 4.79 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005239.D

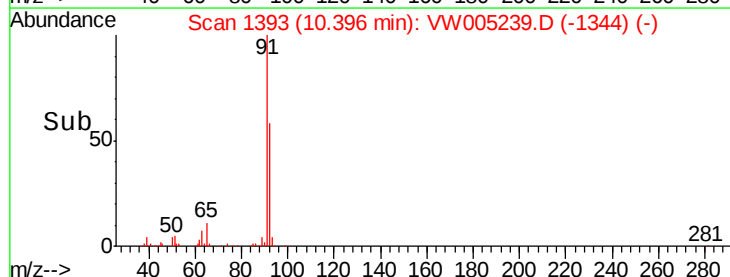
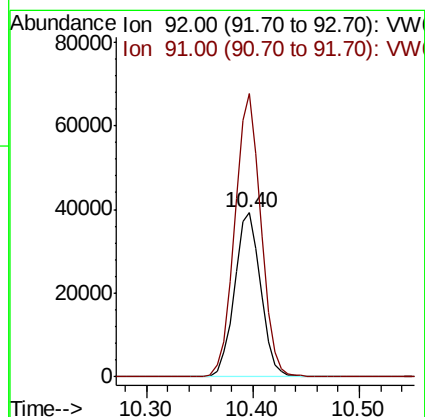
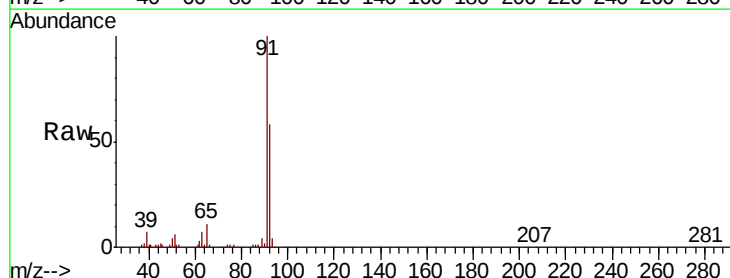
Acq: 10 Sep 2018 14:07

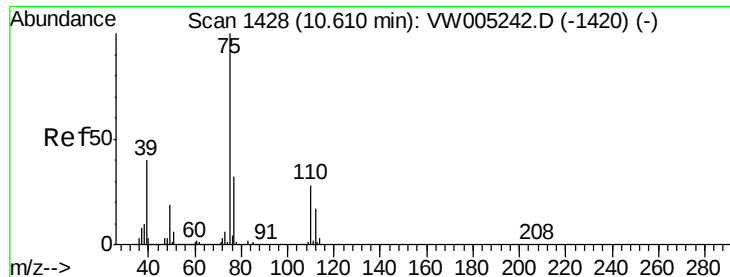
Tgt Ion: 92 Resp: 68074

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 4.52 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 27489

Ion Ratio Lower Upper

75 100

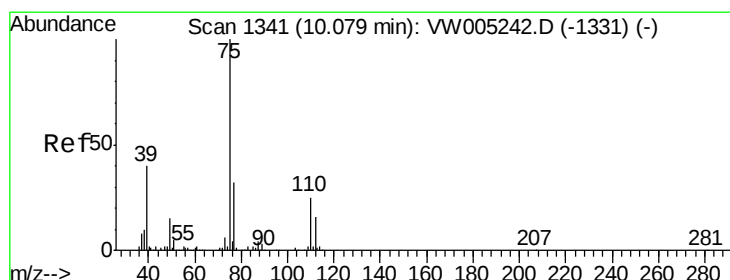
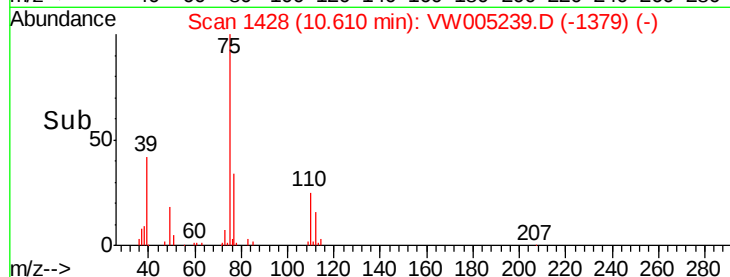
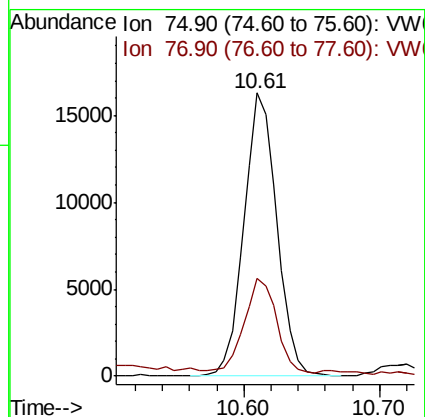
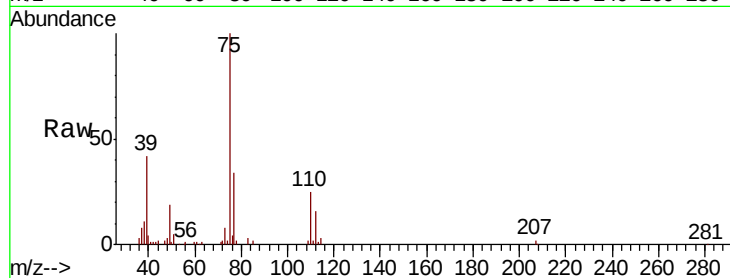
77 33.0 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 4.68 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

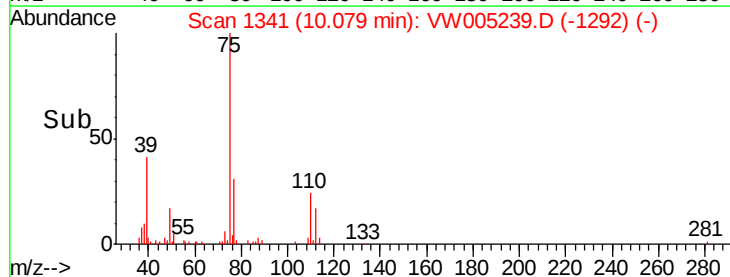
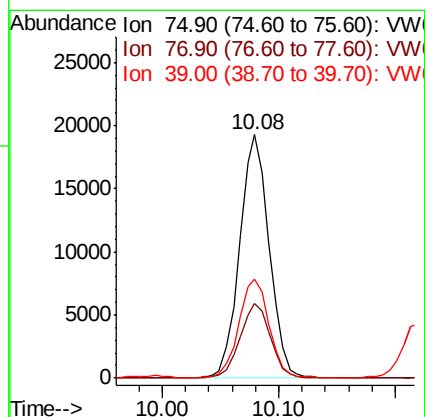
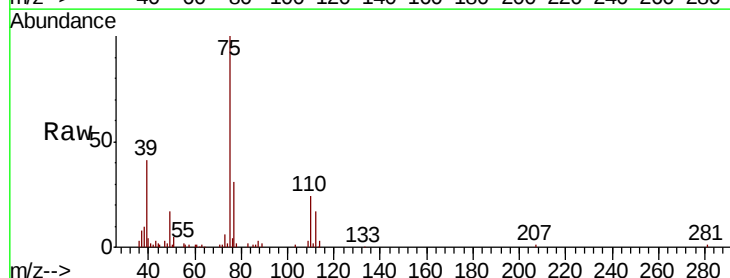
Tgt Ion: 75 Resp: 34078

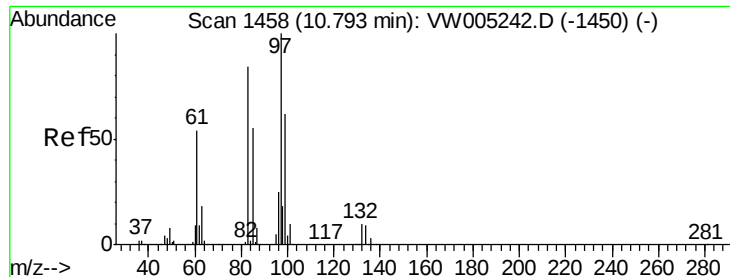
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 40.4 31.8 47.6





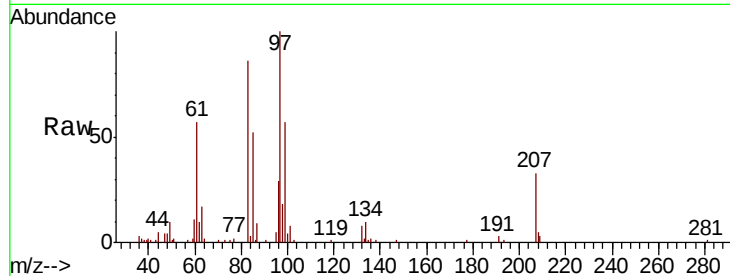
#55
 1,1,2-Trichloroethane
 Concen: 4.94 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	18117
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.2	100.8
85	52.4	44.4	66.6
99	56.6	49.2	73.8

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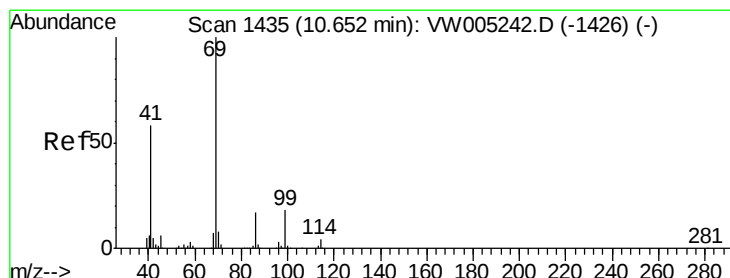
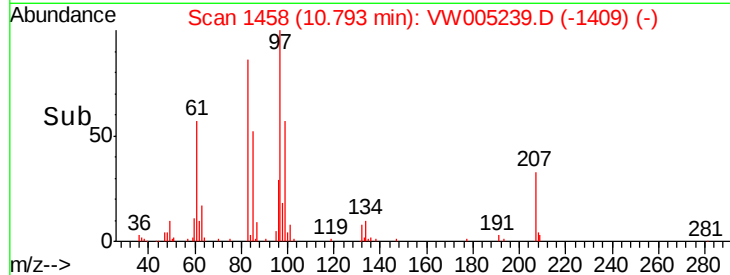
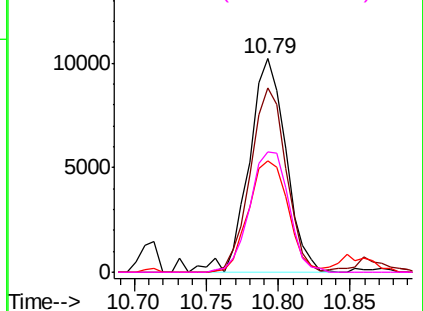
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

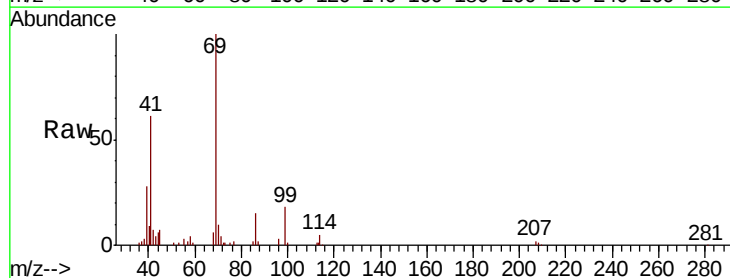
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 4.14 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion:	69	Resp:	19259
Ion	Ratio	Lower	Upper
69	100		
41	58.9	48.7	73.1
39	23.7	20.9	31.3

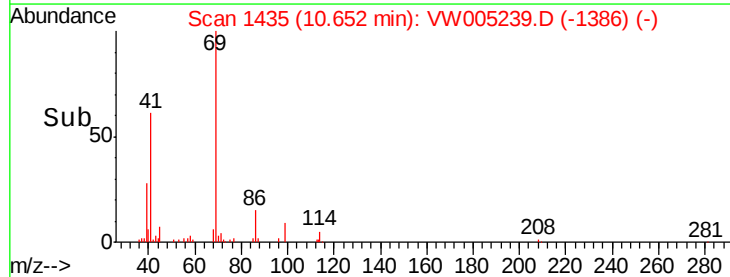
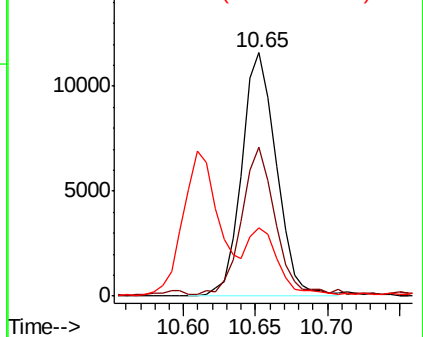


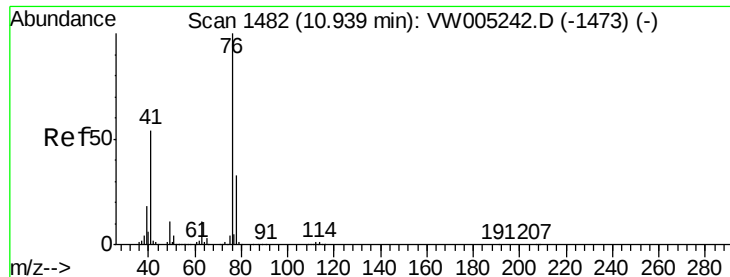
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 4.90 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 29823

Ion Ratio Lower Upper

76 100

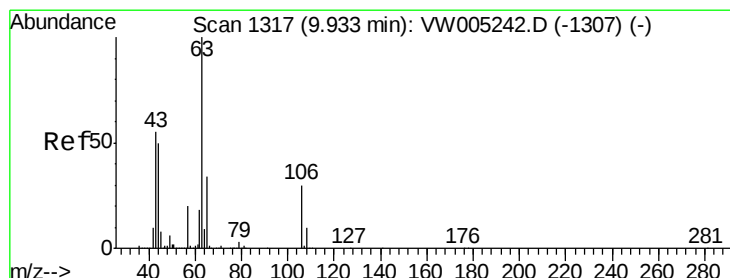
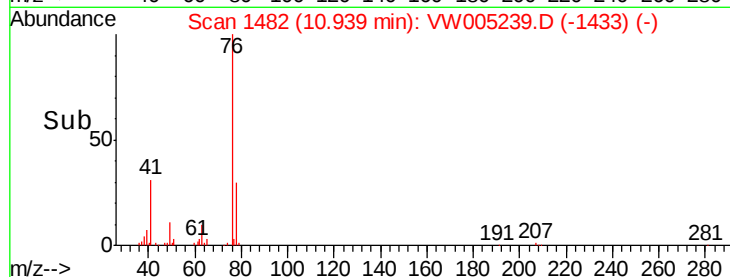
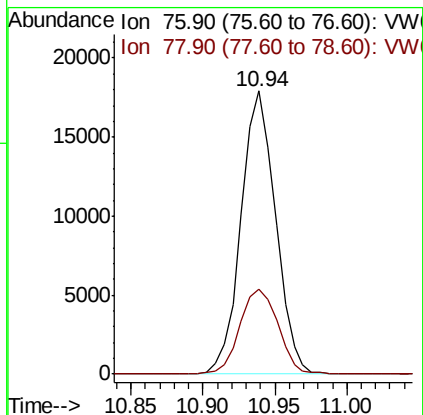
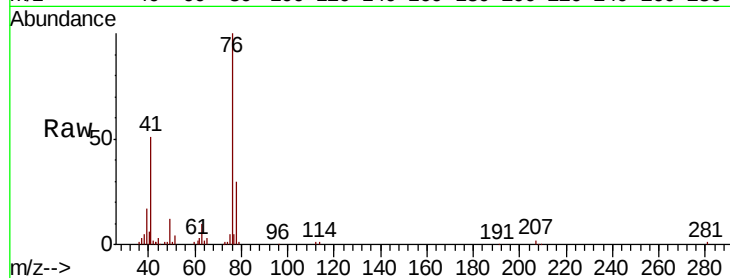
78 33.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 22.67 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005239.D

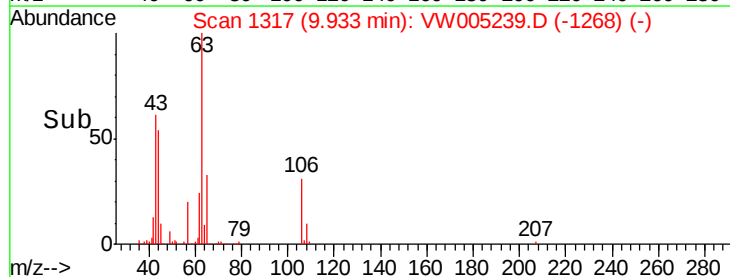
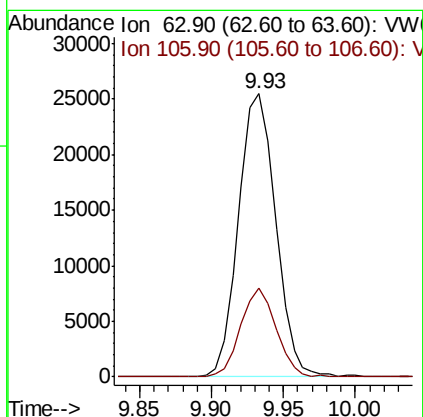
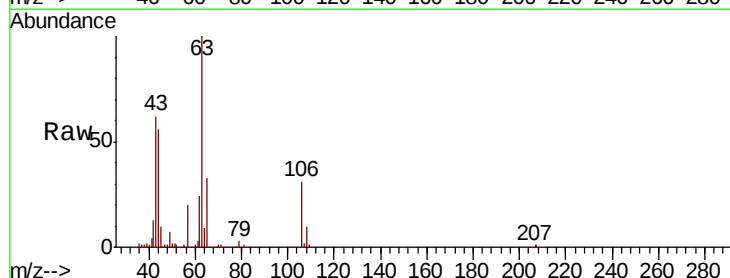
Acq: 10 Sep 2018 14:07

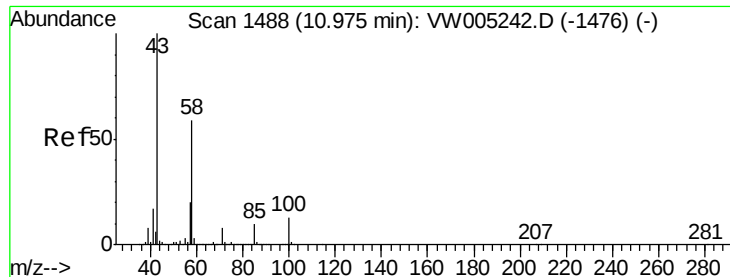
Tgt Ion: 63 Resp: 45806

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.0





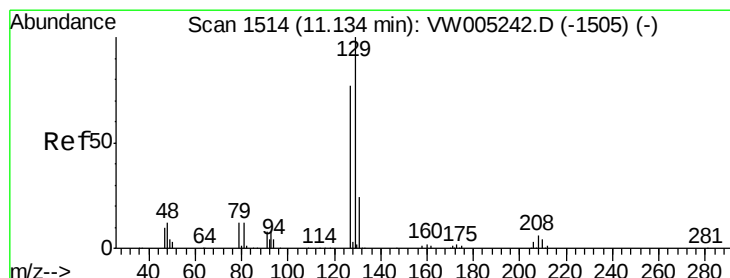
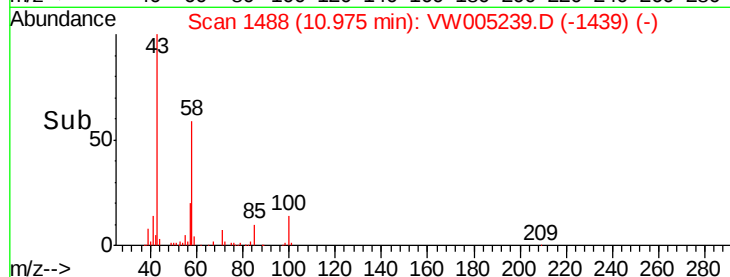
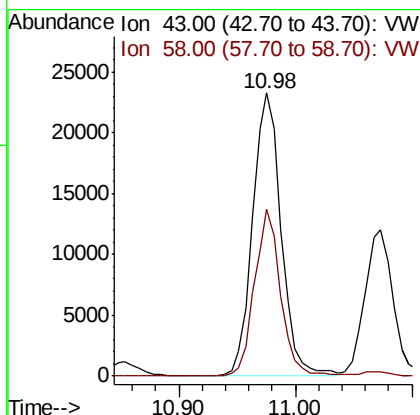
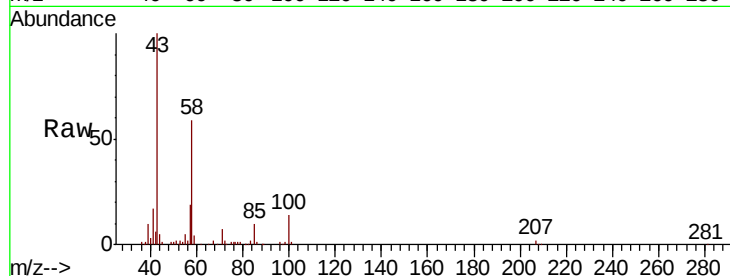
#59
2-Hexanone
Concen: 21.02 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 39961
Ion Ratio Lower Upper
43 100
58 53.7 29.3 87.9

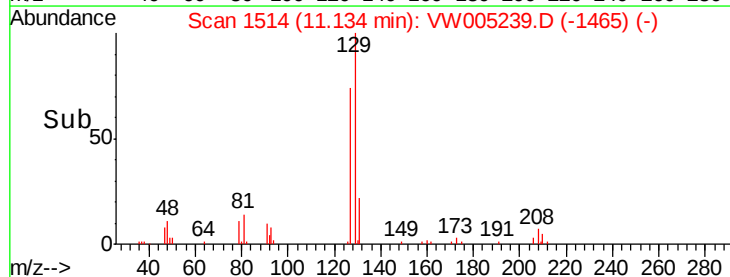
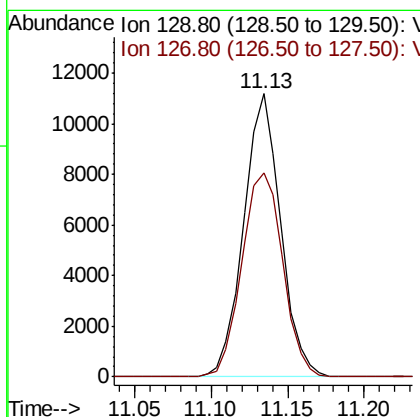
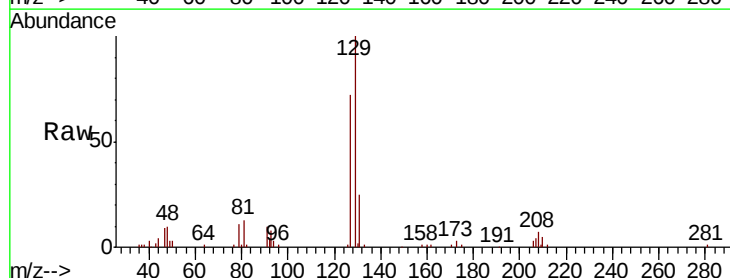
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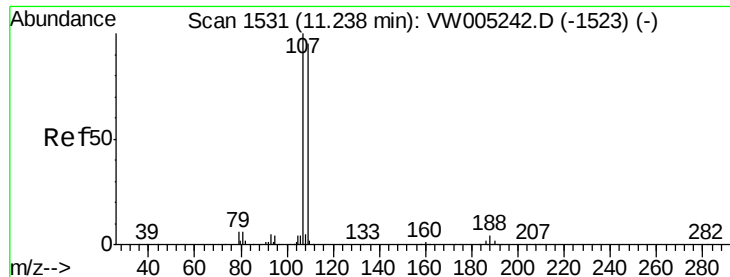
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#60
Dibromochloromethane
Concen: 4.62 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 129 Resp: 18804
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0





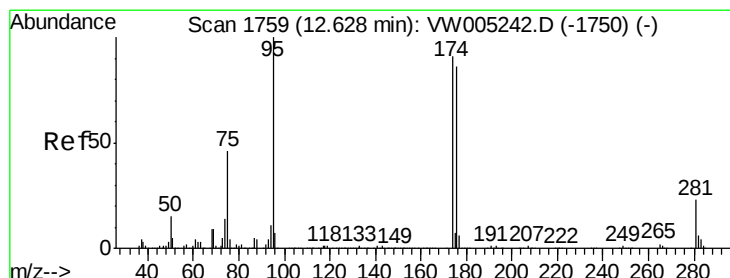
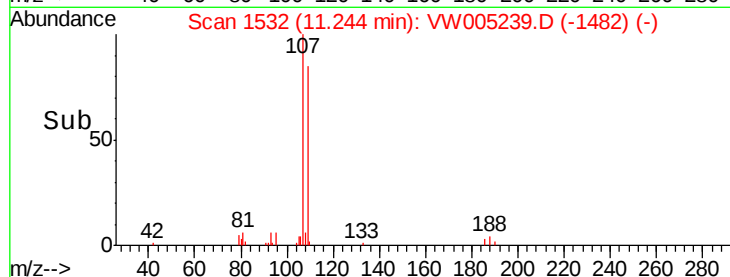
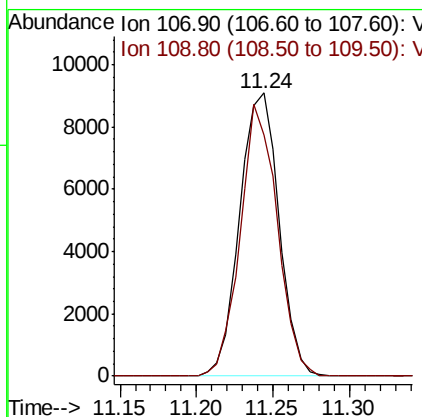
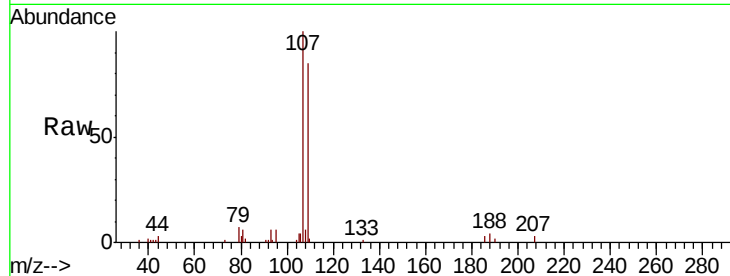
#61
 1,2-Dibromoethane
 Concen: 4.82 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.2	75.7	113.5

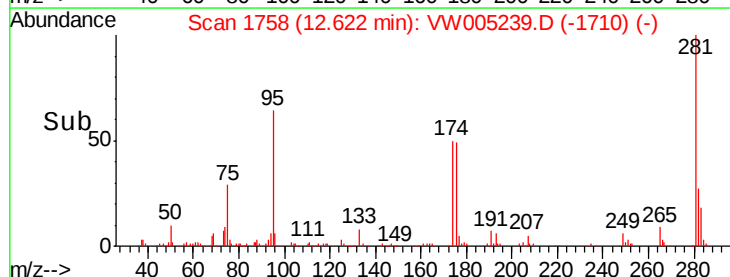
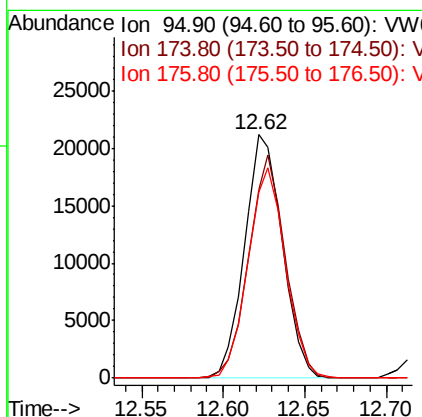
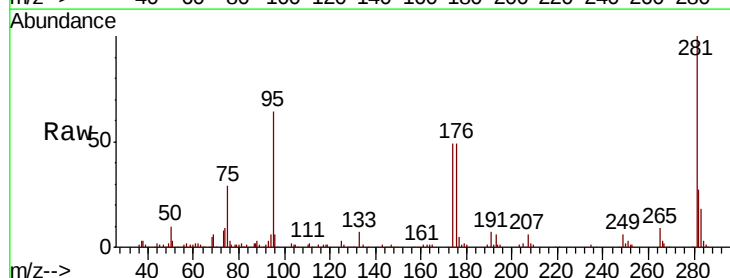
Manual Integrations
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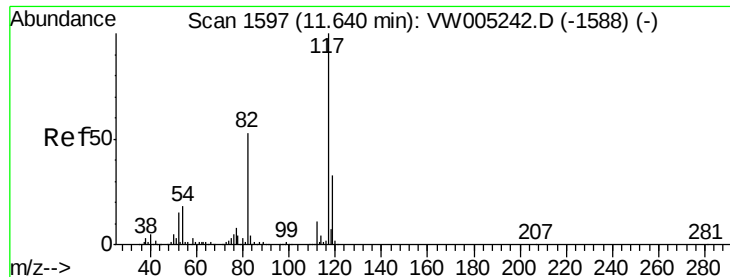
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.86 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	174.6
176	85.8	0.0	167.6





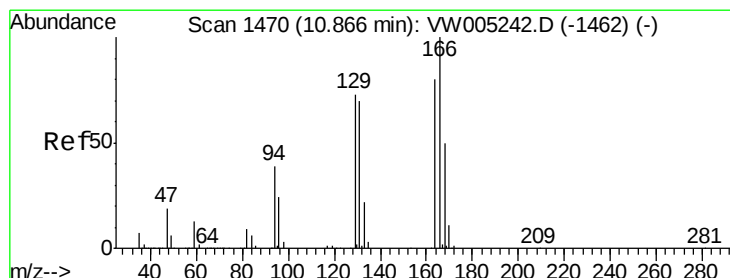
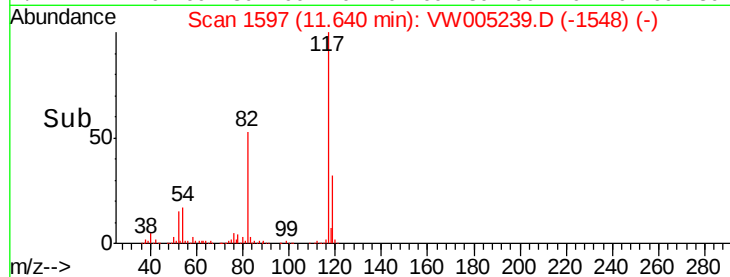
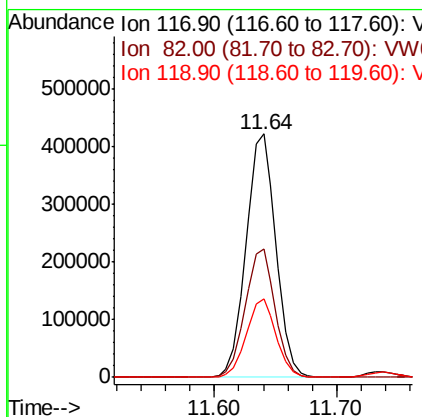
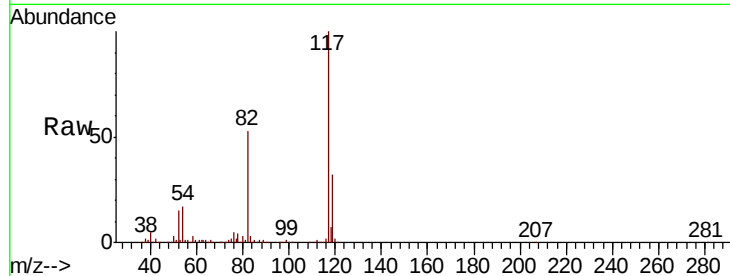
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	32.1	26.2	39.4

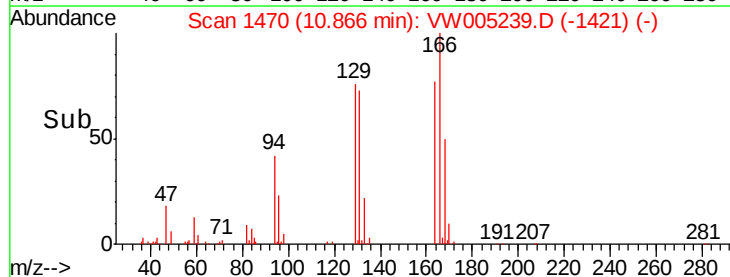
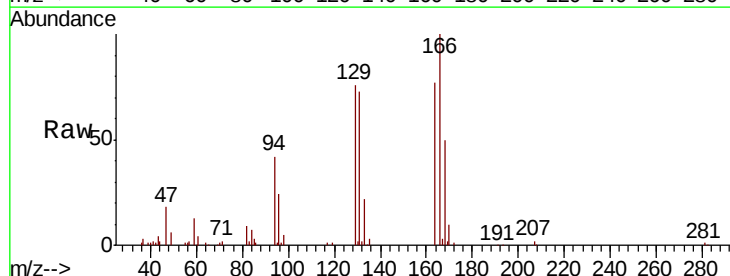
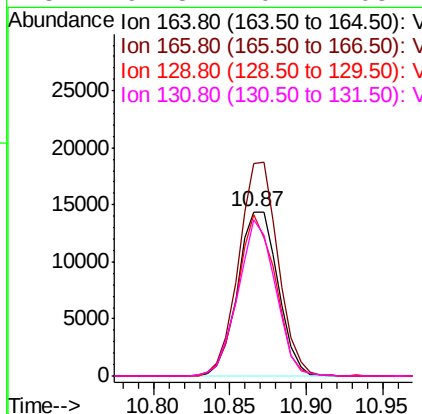
Manual Integrations
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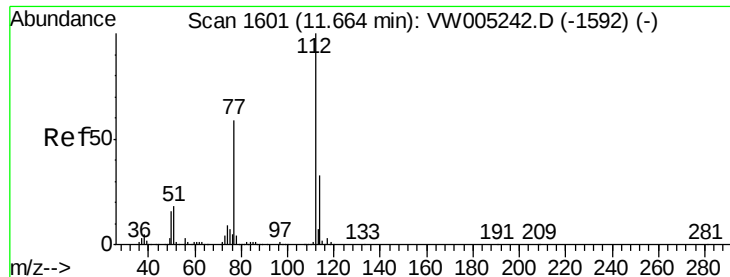
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#64
Tetrachloroethene
Concen: 4.97 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	100.2	150.2
129	98.3	73.2	109.8
131	94.8	70.2	105.4





#65

Chlorobenzene

Concen: 4.97 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 77738

Ion Ratio Lower Upper

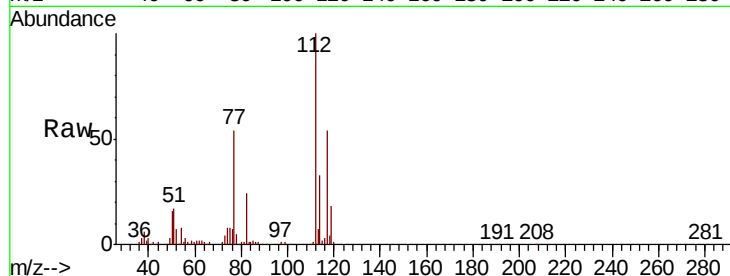
112 100

114 33.0 26.2 39.4

Manual Integrations
APPROVED

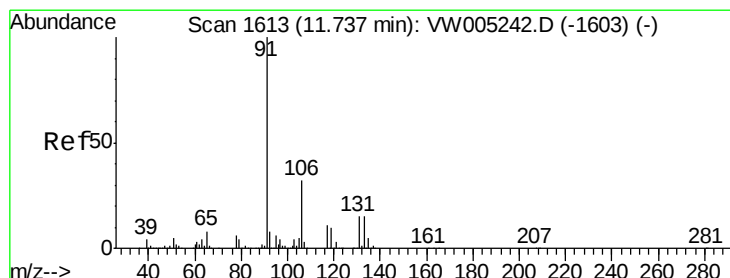
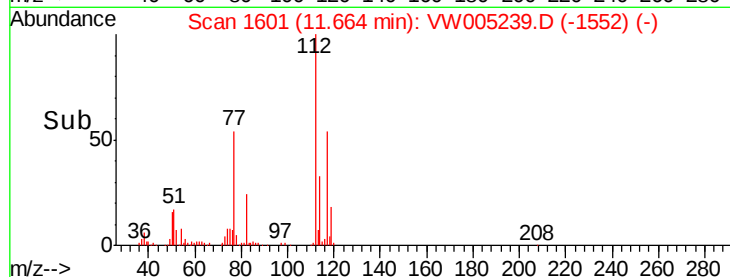
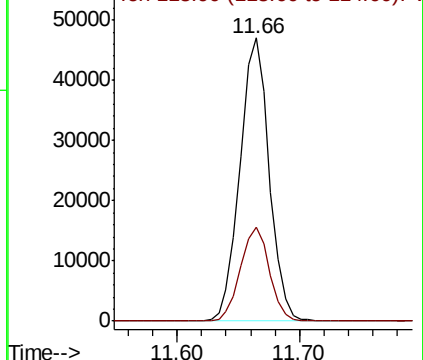
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.97 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

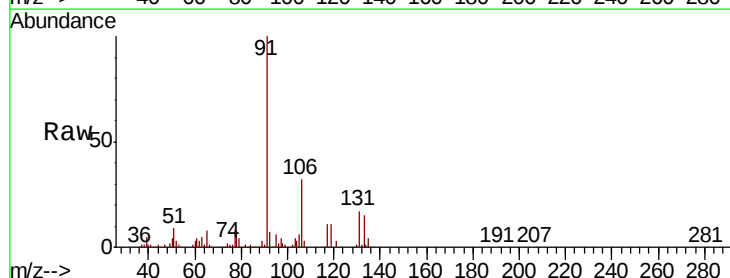
Tgt Ion:131 Resp: 23223

Ion Ratio Lower Upper

131 100

133 92.7 48.1 144.3

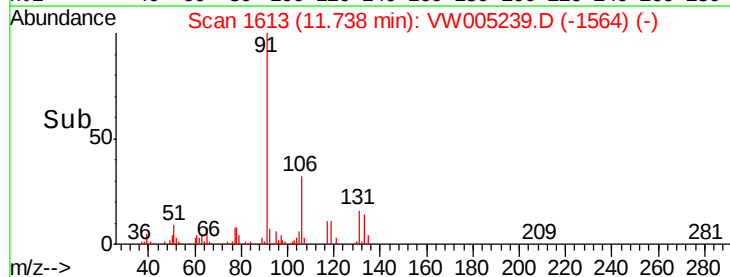
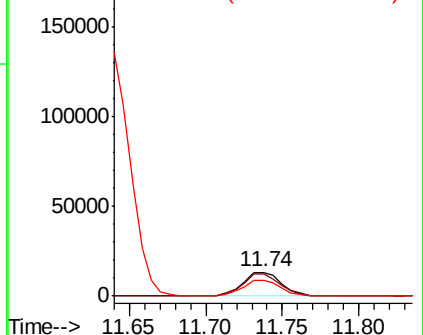
119 65.0 33.4 100.1

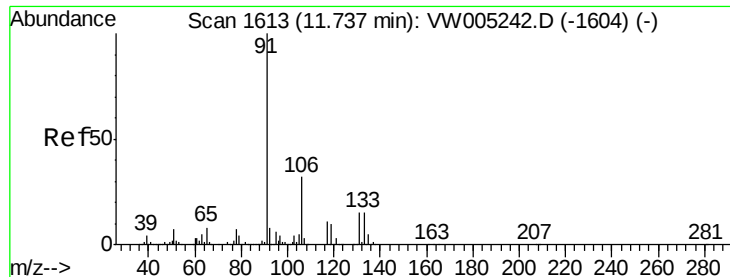


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





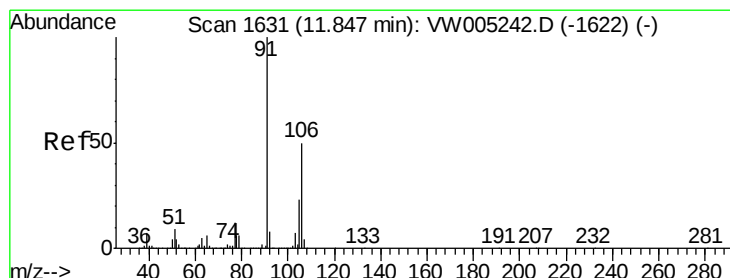
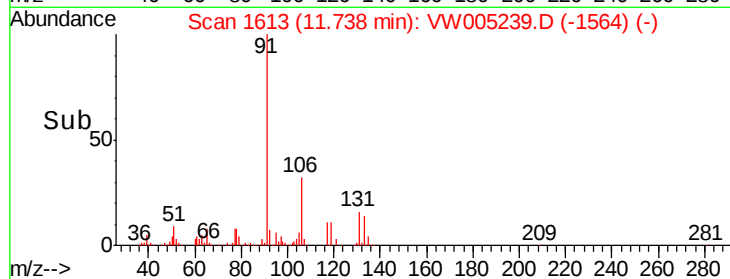
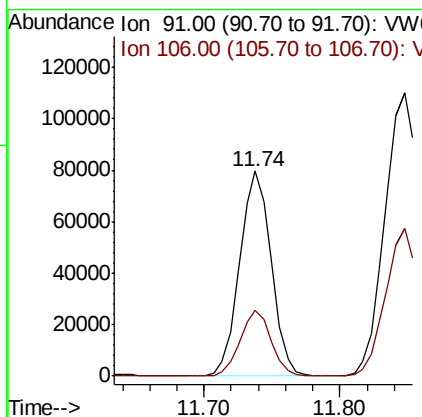
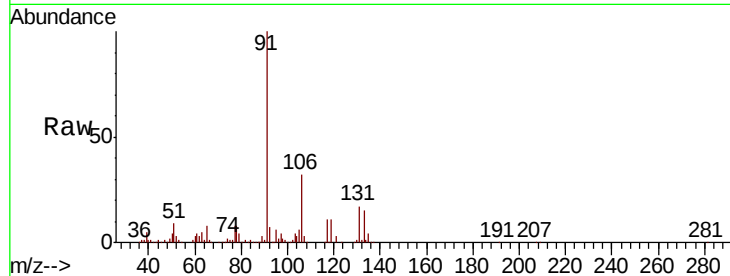
#67
Ethyl Benzene
Concen: 4.74 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 129050
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

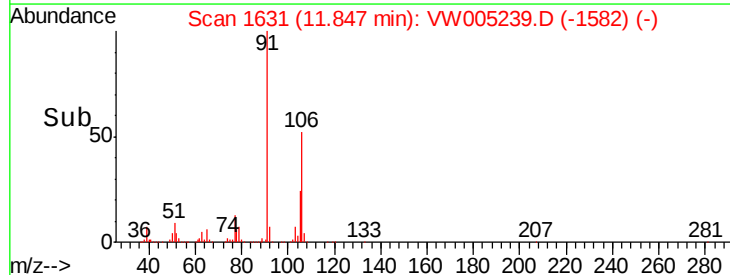
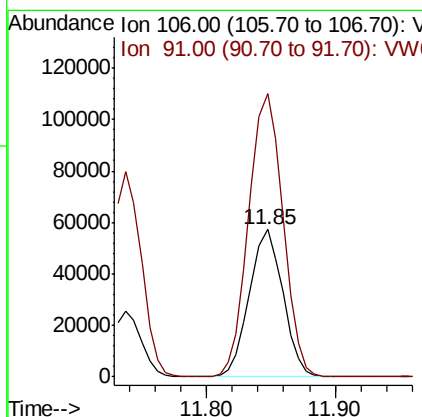
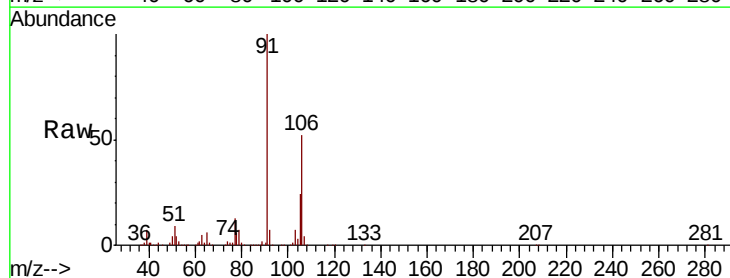
Manual Integrations
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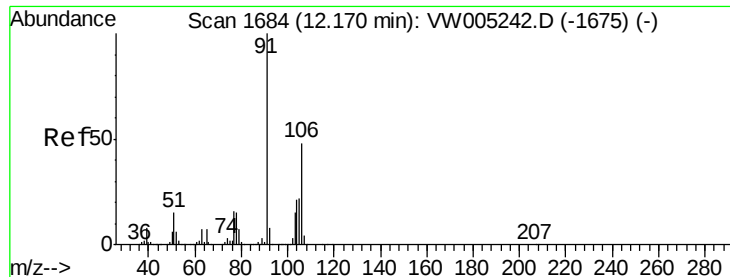
apatel
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#68
m/p-Xylenes
Concen: 9.43 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 106 Resp: 103451
Ion Ratio Lower Upper
106 100
91 196.2 160.2 240.2





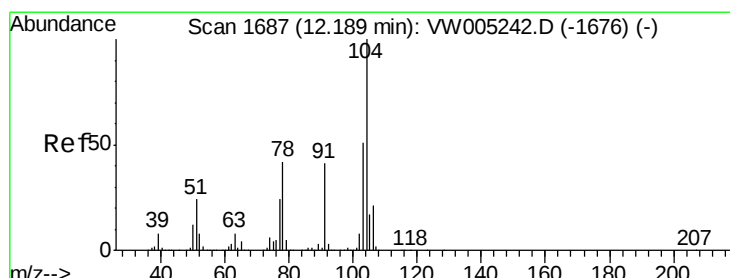
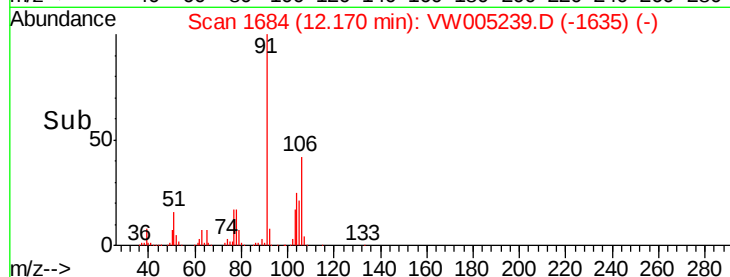
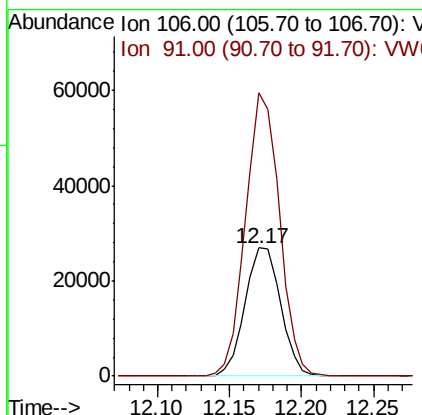
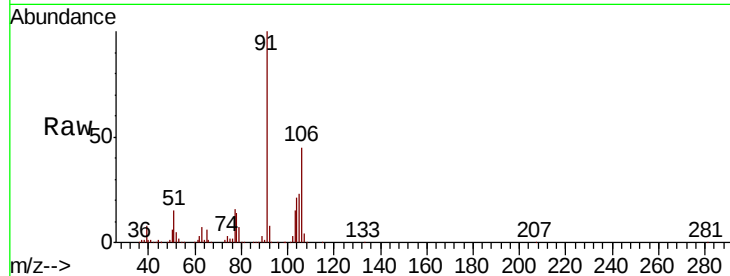
#69
o-Xylene
Concen: 4.54 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	104.1	312.3

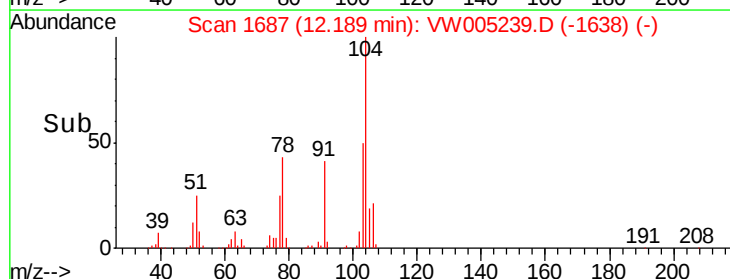
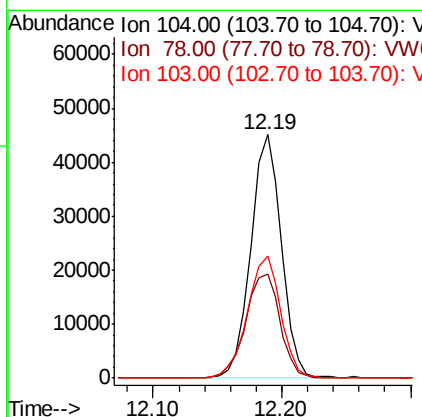
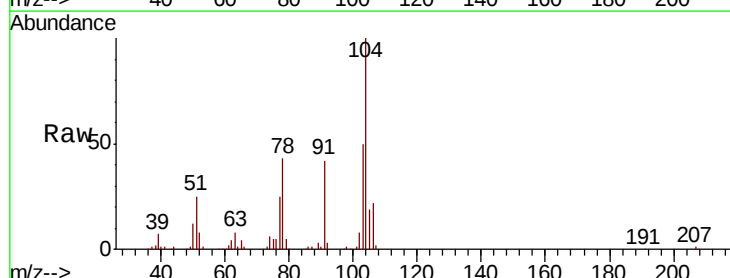
Manual Integrations
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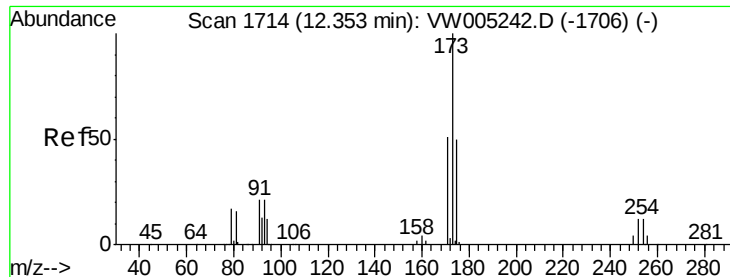
apatel
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#70
Styrene
Concen: 4.41 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	37.4	56.2
103	55.0	44.1	66.1





#71

Bromoform

Concen: 4.61 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11678

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

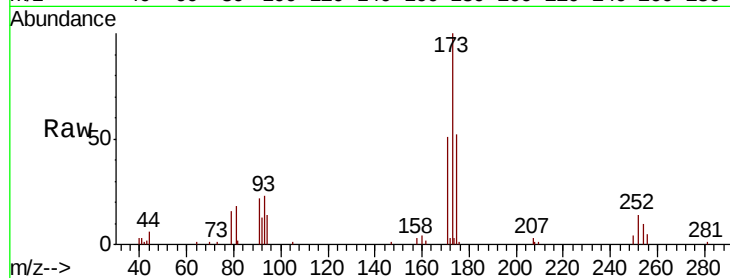
254 0.0 0.1 0.1#

Manual Integrations

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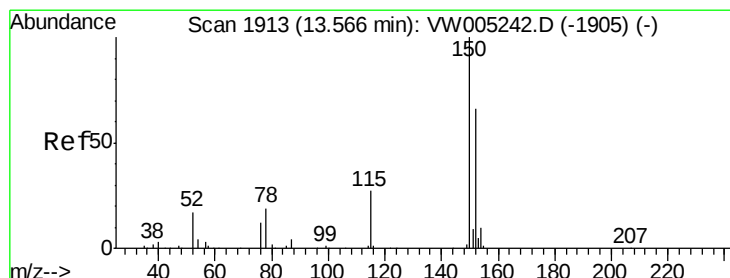
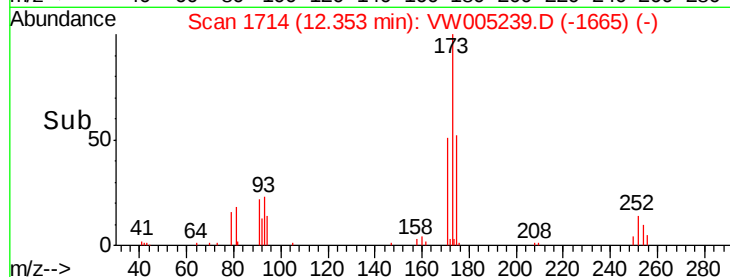
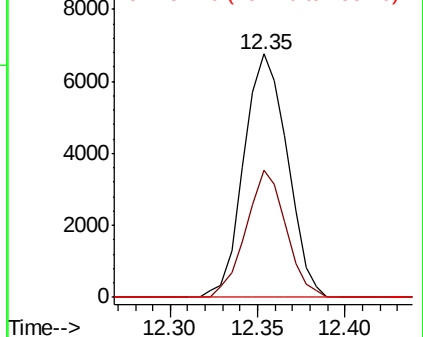
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

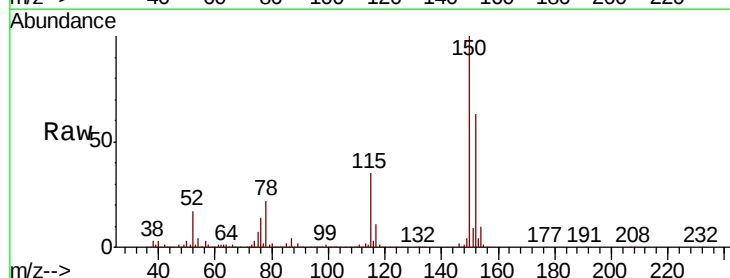
Tgt Ion:152 Resp: 391657

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

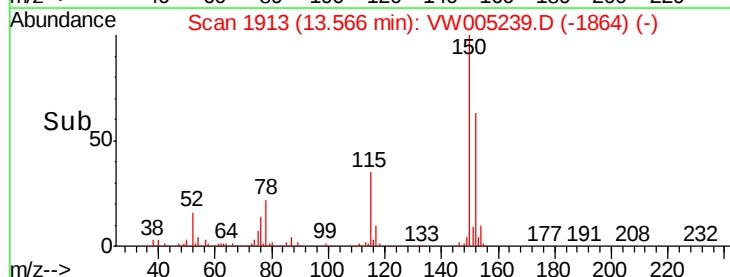
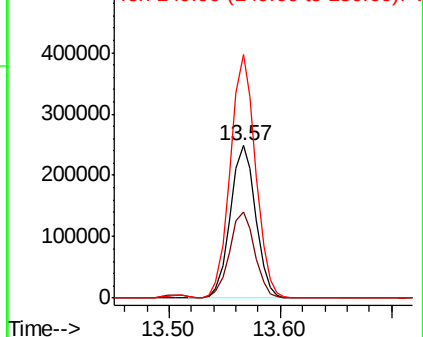
150 159.0 0.0 347.4

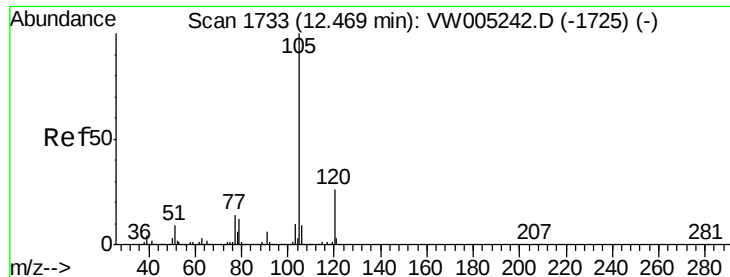


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





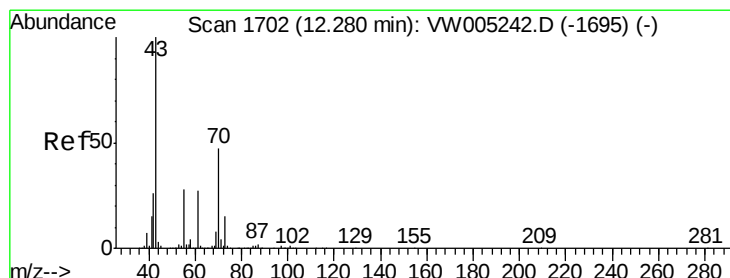
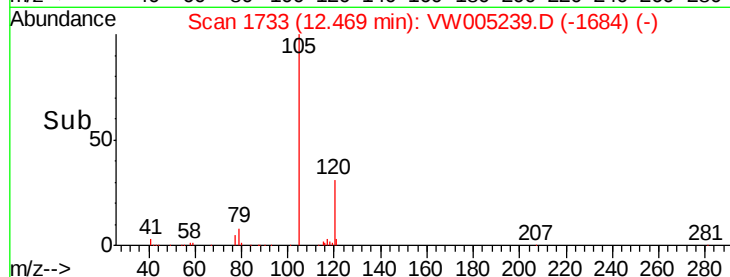
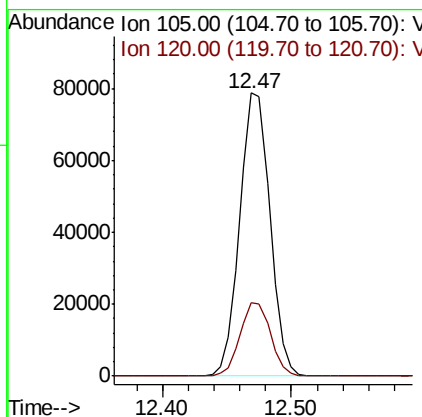
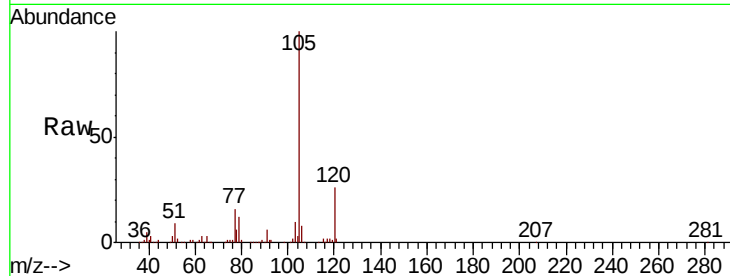
#73
Isopropylbenzene
Concen: 4.62 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.4	40.1

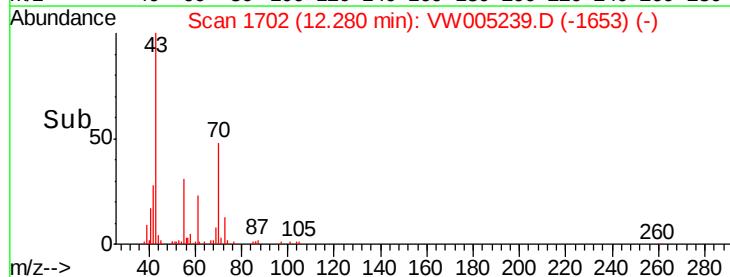
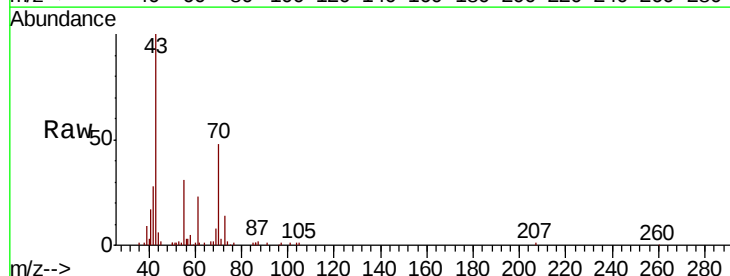
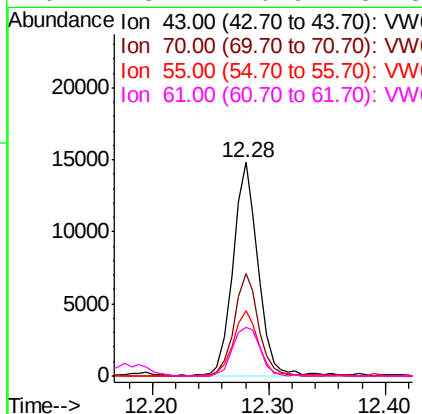
Manual Integrations
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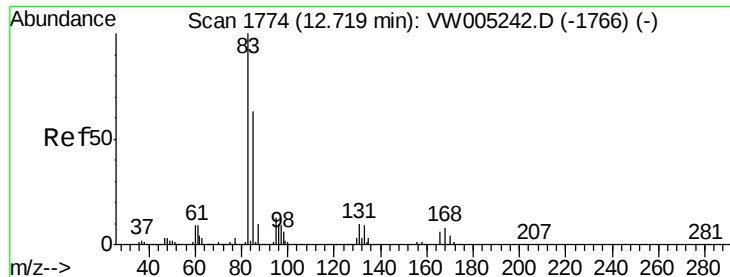
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#74
N-ethyl acetate
Concen: 4.24 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.3	37.9	56.9
55	30.6	22.6	33.8
61	25.1	20.9	31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.68 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

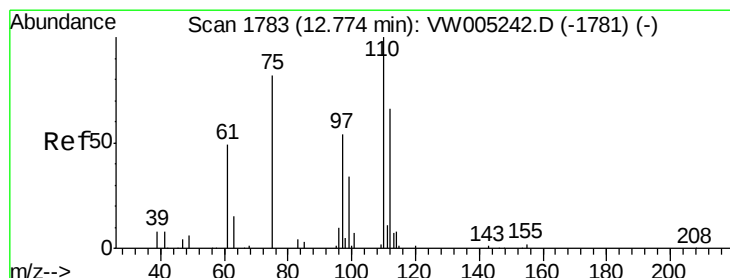
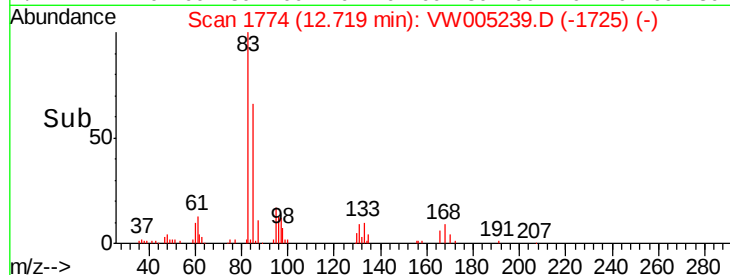
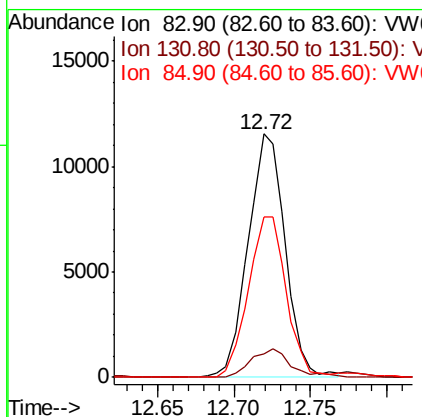
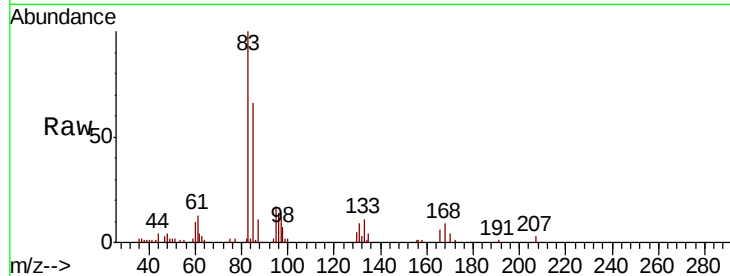
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	19466
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.5	16.4
85	67.4	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 3.32 ug/l m

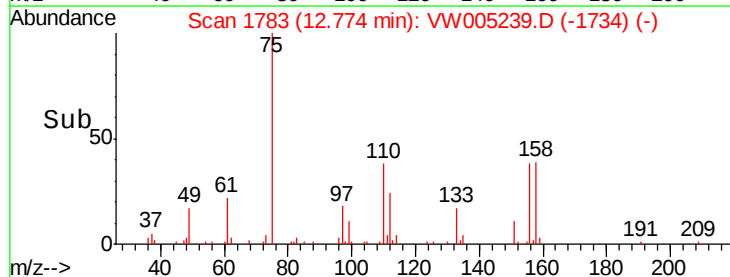
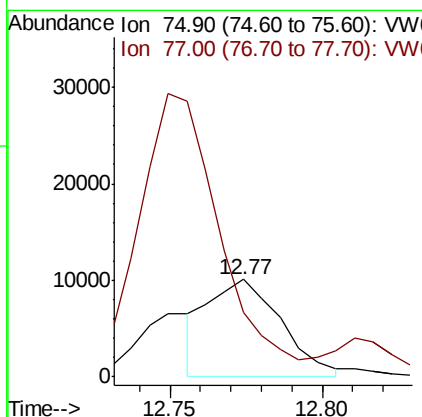
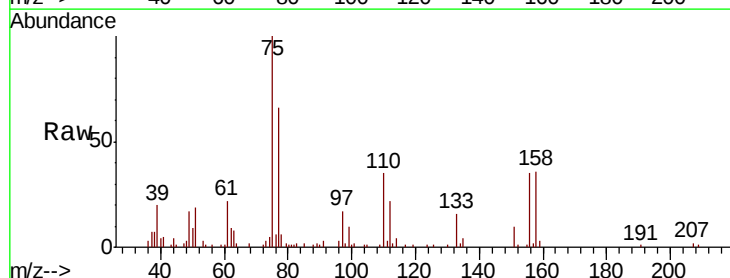
RT: 12.77 min Scan# 1783

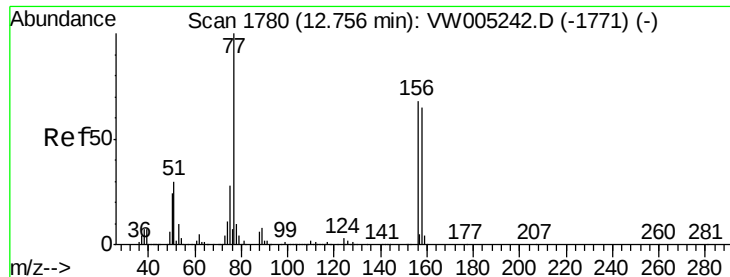
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	75	Resp:	16894
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.90 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

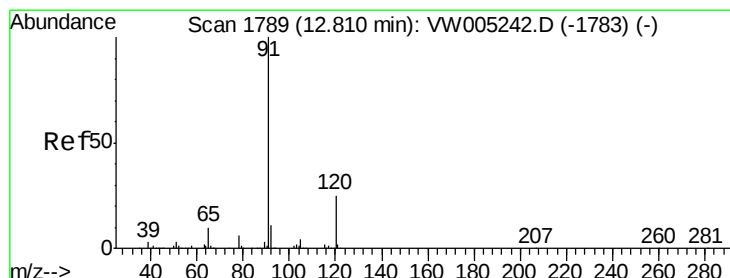
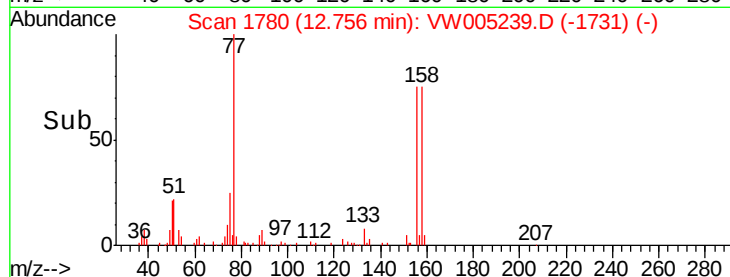
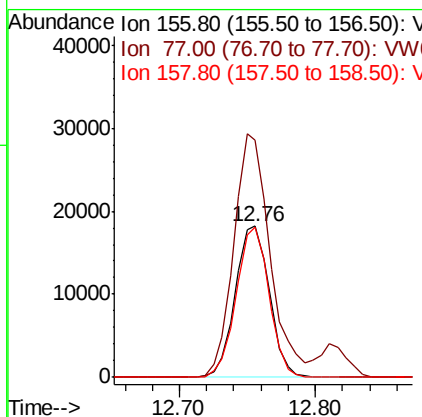
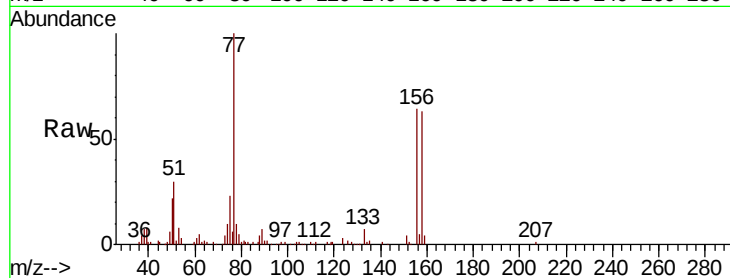
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	31949
Ion Ratio	Lower	Upper	
156	100		
77	170.5	86.3	258.8
158	95.0	48.6	145.8

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#78

n-propylbenzene

Concen: 4.65 ug/l

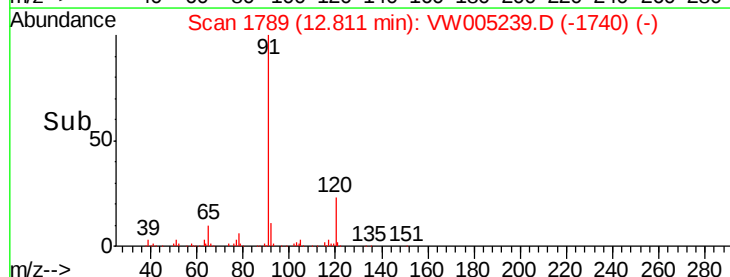
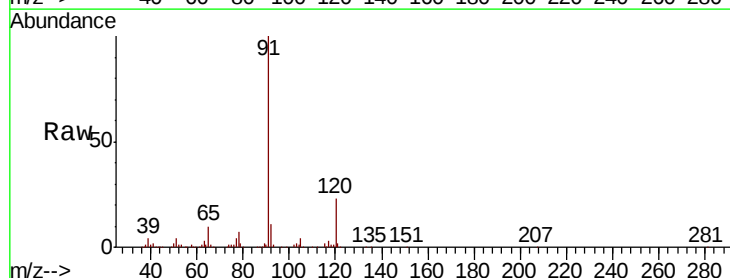
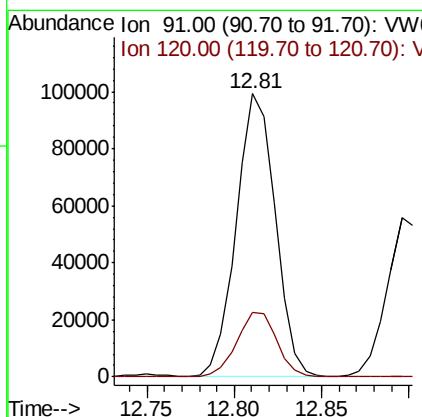
RT: 12.81 min Scan# 1789

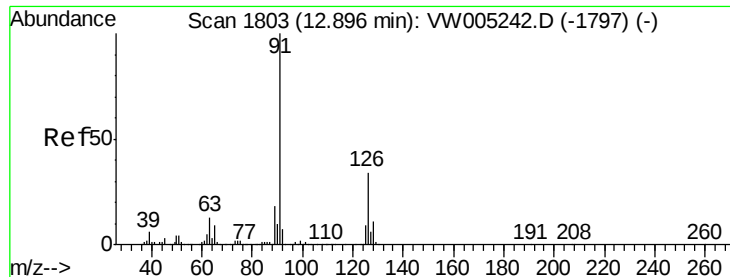
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	91	Resp:	154562
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.0	36.0





#79

2-Chlorotoluene

Concen: 4.75 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 90491

Ion Ratio Lower Upper

91 100

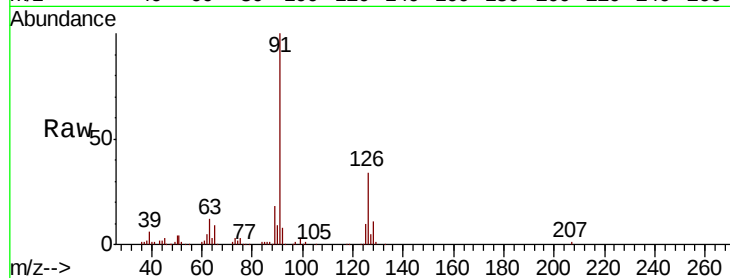
126 35.2 17.2 51.5

Manual Integrations

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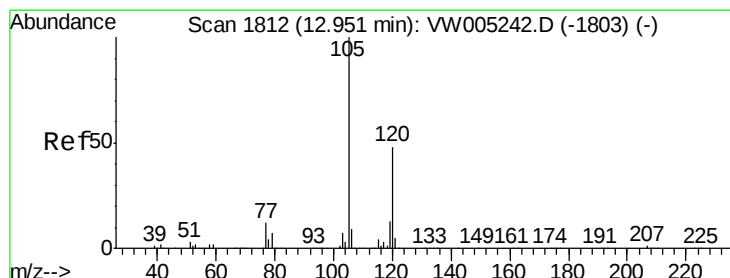
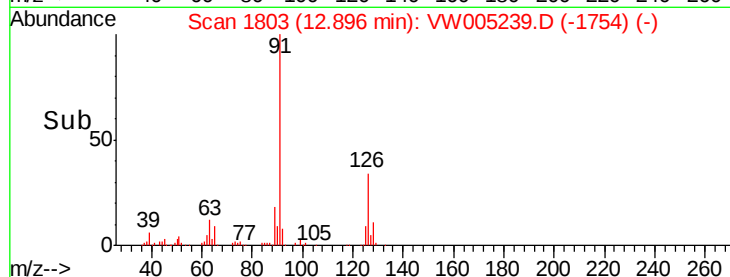
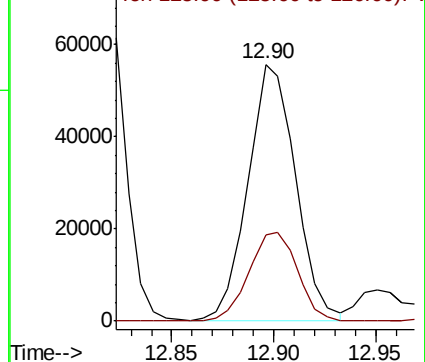
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.46 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005239.D

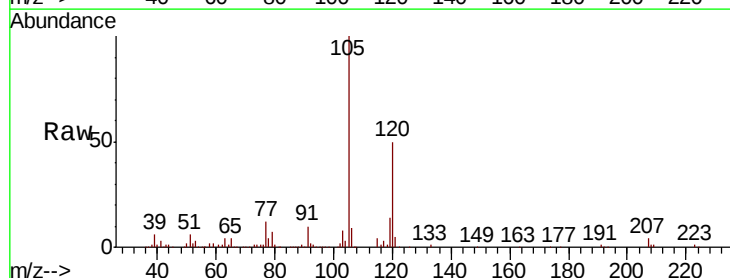
Acq: 10 Sep 2018 14:07

Tgt Ion: 105 Resp: 105086

Ion Ratio Lower Upper

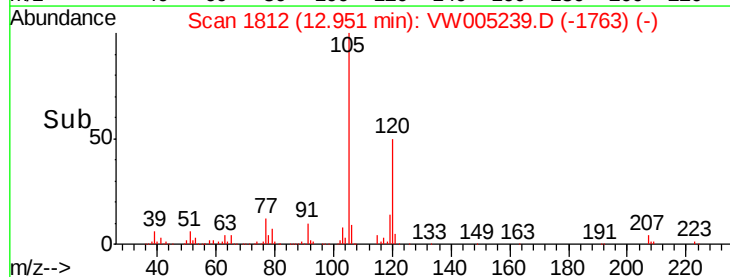
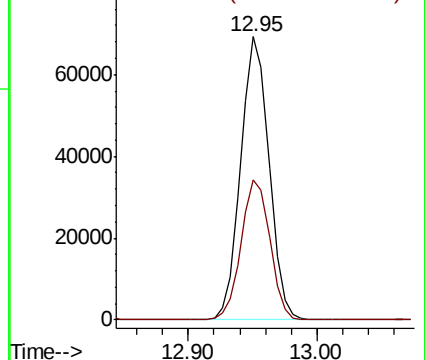
105 100

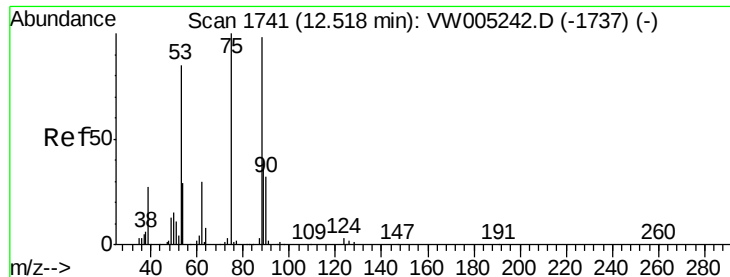
120 50.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.34 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

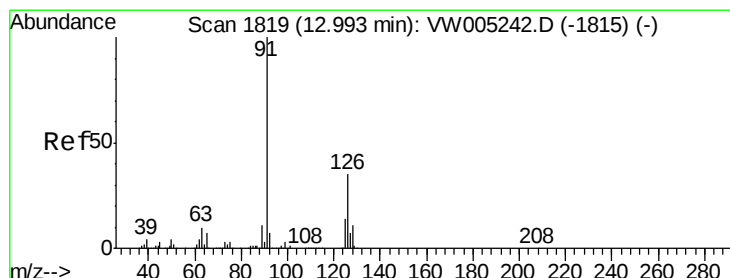
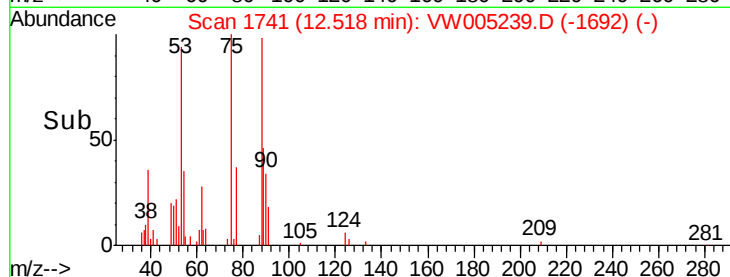
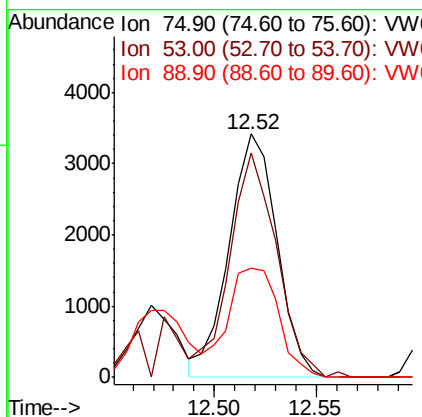
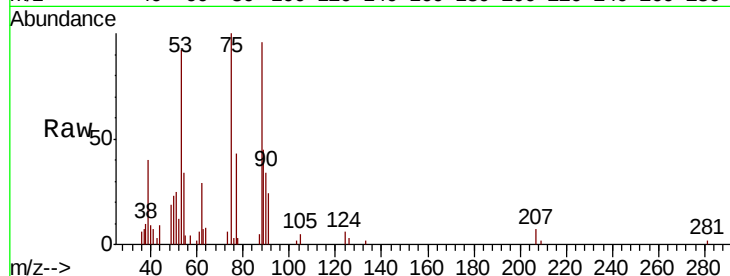
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	5571
Ion	Ratio	Lower	Upper
75	100		
53	91.1	67.0	100.6
89	47.9	37.0	55.4

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#82

4-Chlorotoluene

Concen: 4.85 ug/l

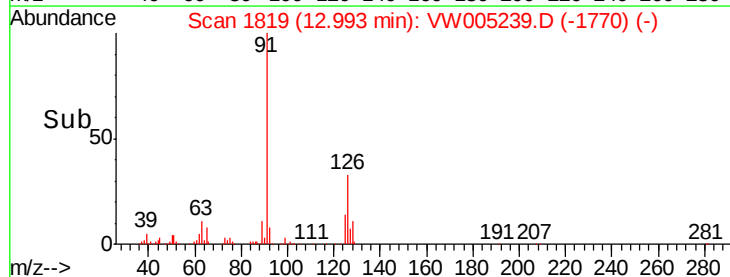
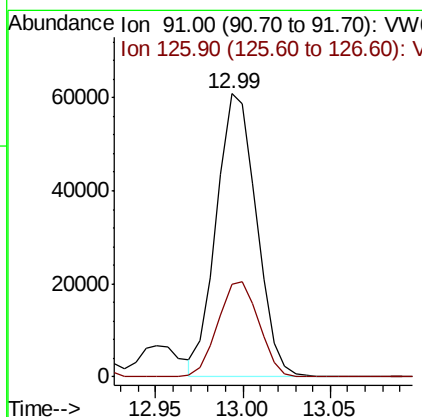
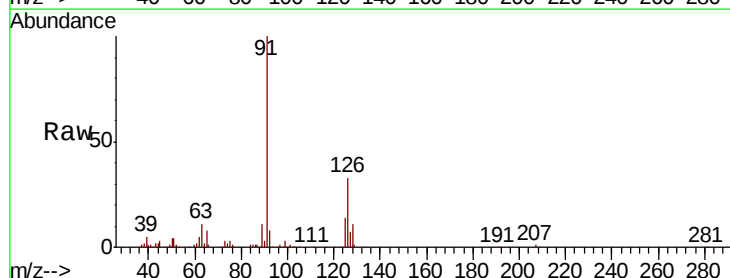
RT: 12.99 min Scan# 1819

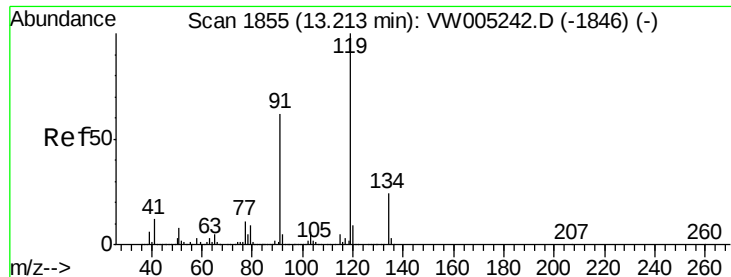
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	91	Resp:	97159
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





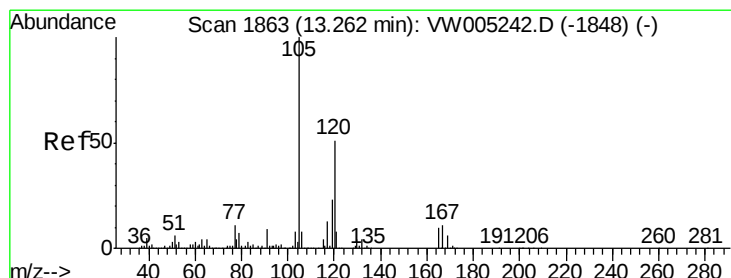
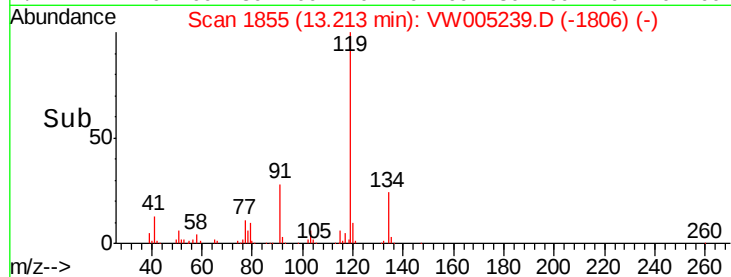
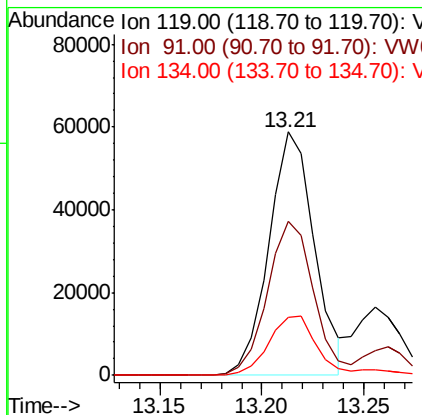
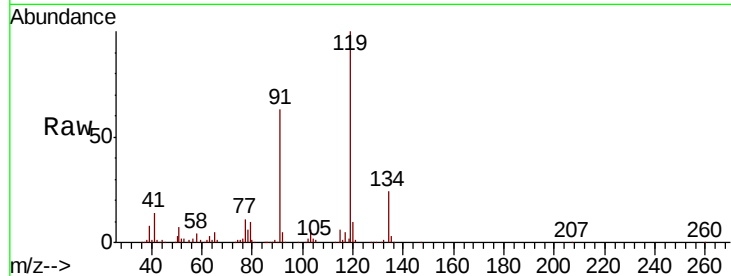
#83
tert-Butylbenzene
Concen: 4.44 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.7	95.1
134	27.2	13.0	38.9

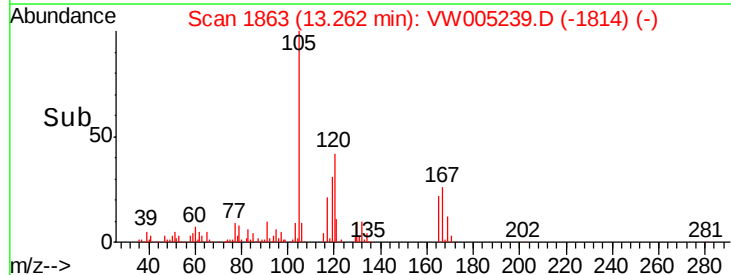
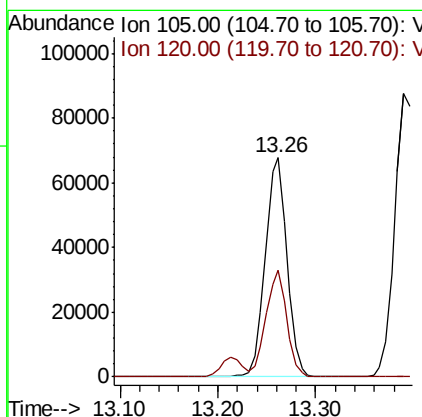
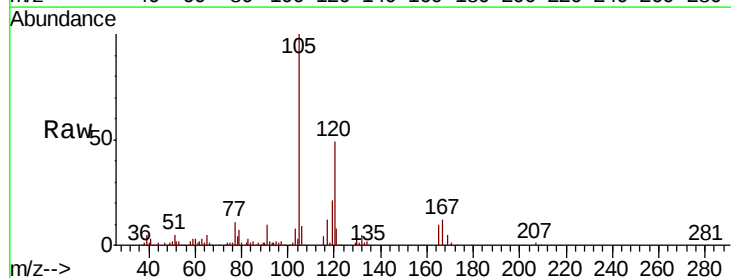
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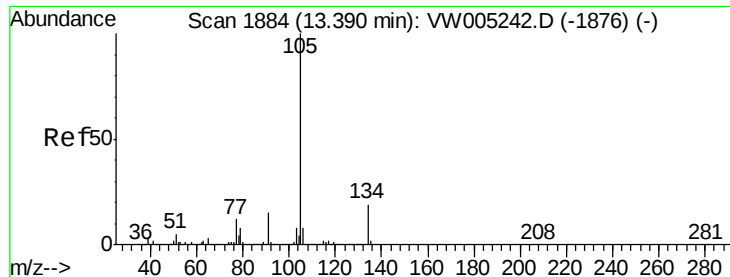
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#84
1,2,4-Trimethylbenzene
Concen: 4.48 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 4.65 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 137757

Ion Ratio Lower Upper

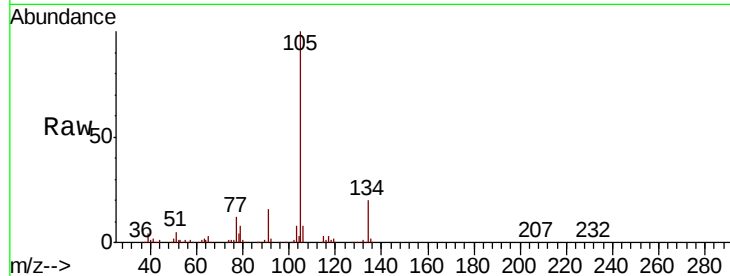
105 100

134 20.4 9.9 29.7

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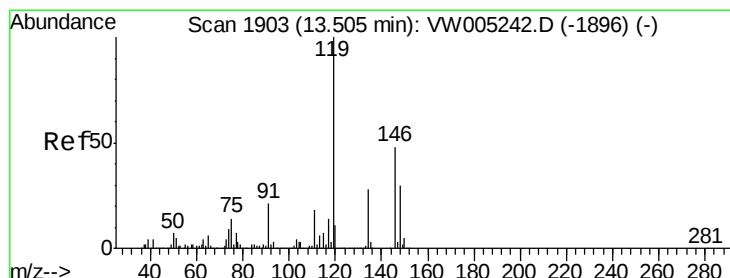
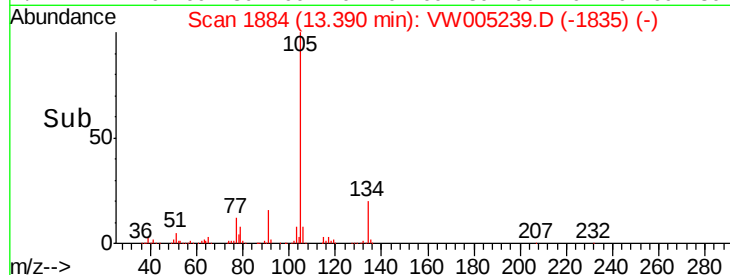
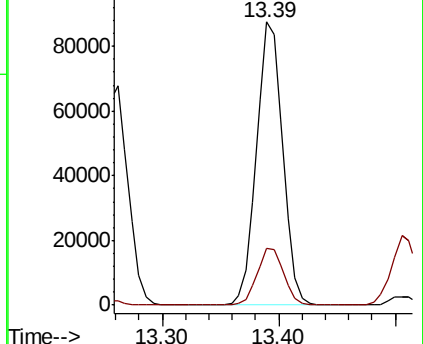
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.48 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

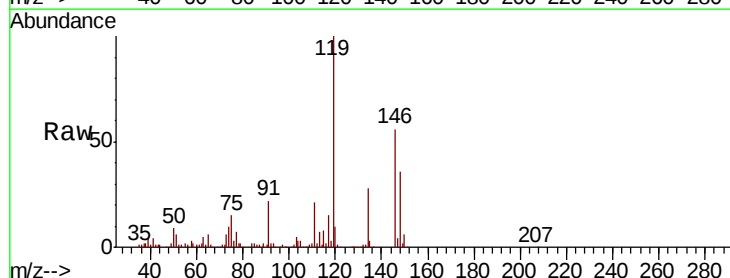
Tgt Ion:119 Resp: 117370

Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

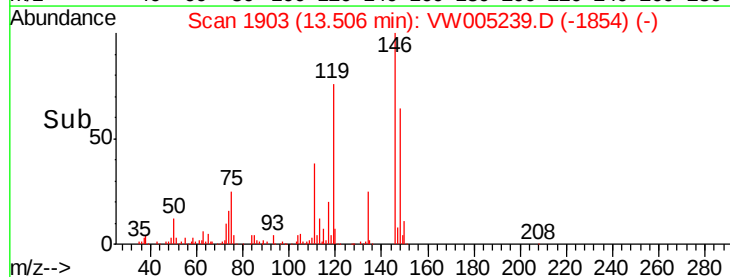
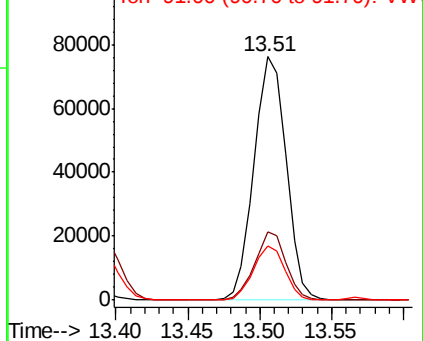
91 22.1 10.7 32.1

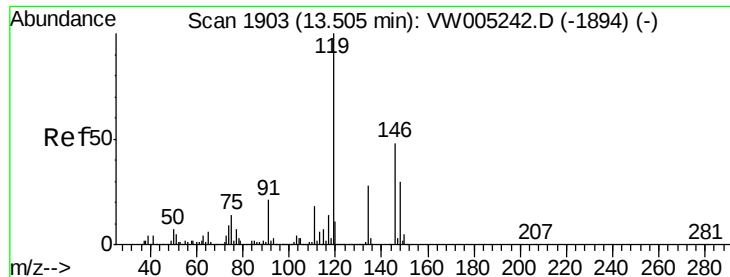


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.00 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Instrument :

MSVOA_W

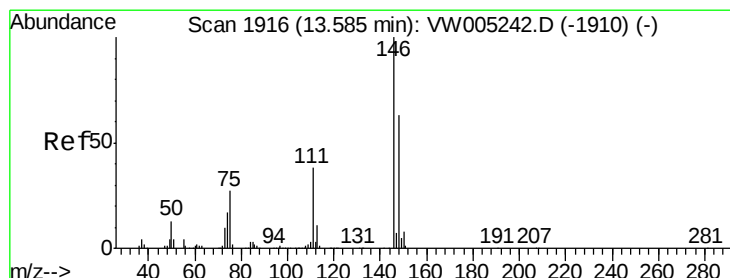
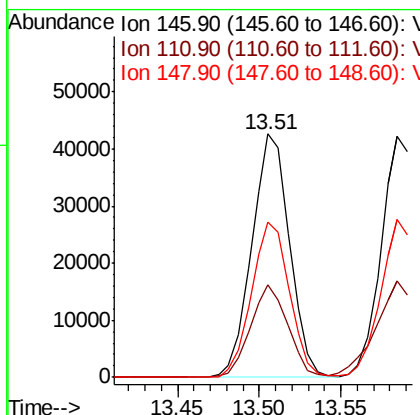
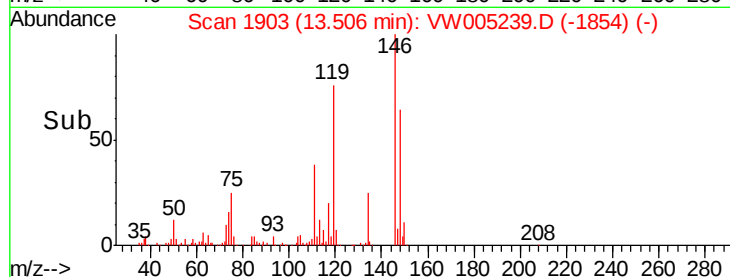
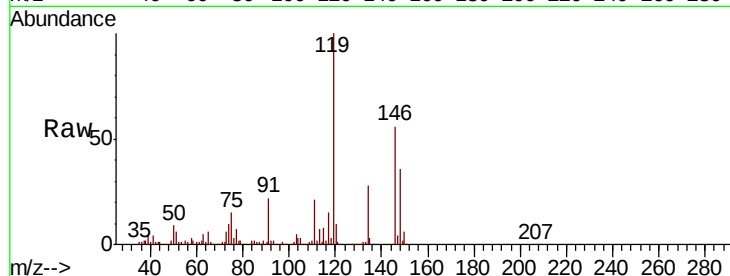
ClientSampled :

VSTDIC005

Tot Ion:	146	Resp:	68407
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.8	56.3
148	64.0	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 5.08 ug/l

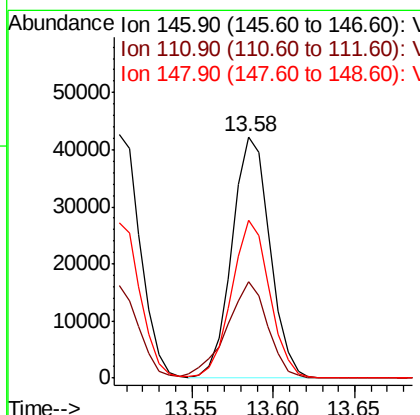
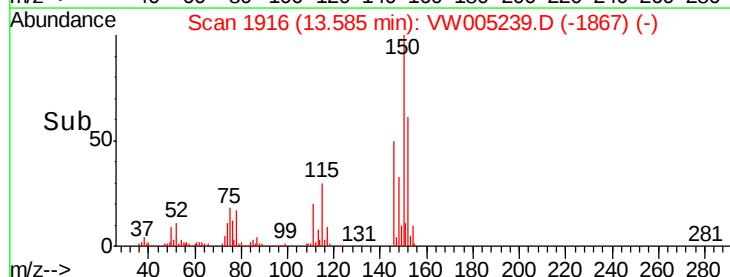
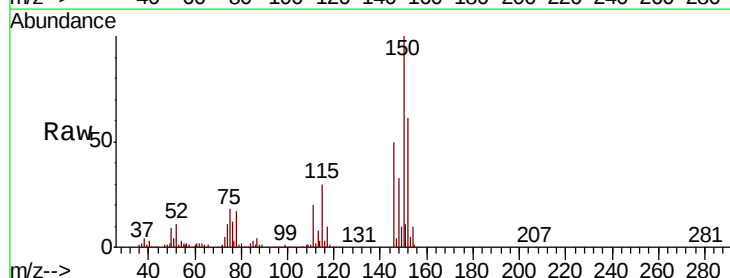
RT: 13.58 min Scan# 1916

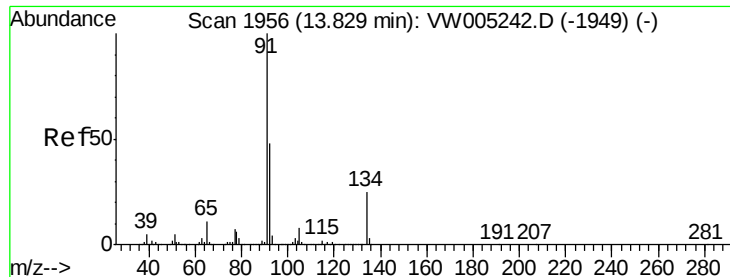
Delta R.T. 0.00 min

Lab File: VW005239.D

Acq: 10 Sep 2018 14:07

Tgt Ion:	146	Resp:	68357
Ion Ratio	Lower	Upper	
146	100		
111	43.3	19.1	57.3
148	65.8	32.3	96.9





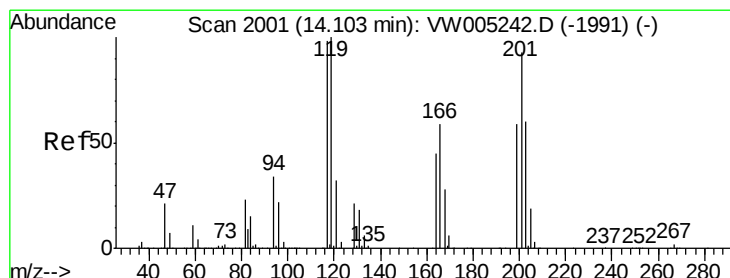
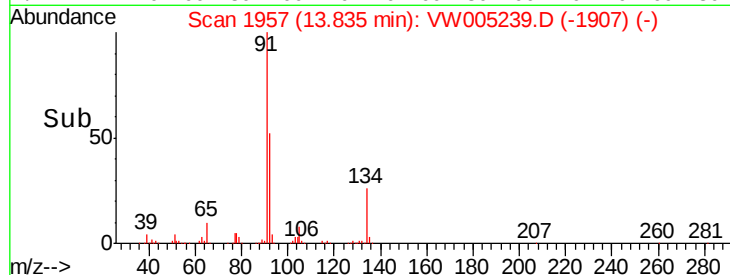
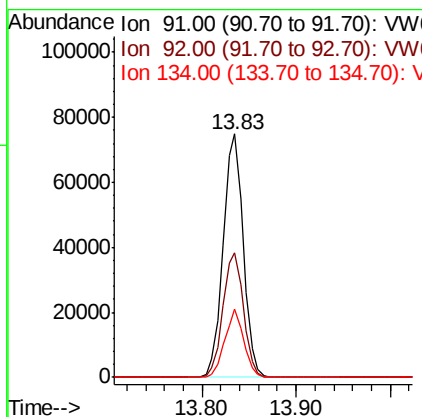
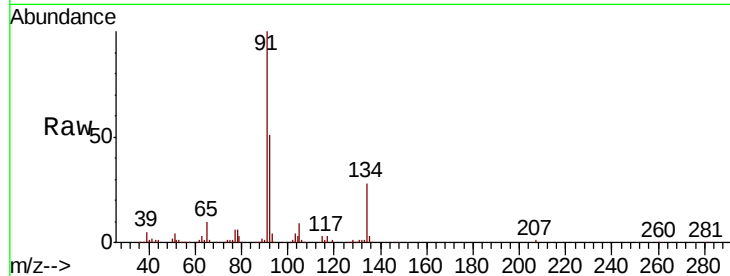
#89
n-Butylbenzene
Concen: 4.49 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	110772		
92	51.9	25.8	77.3	
134	26.3	13.6	40.8	

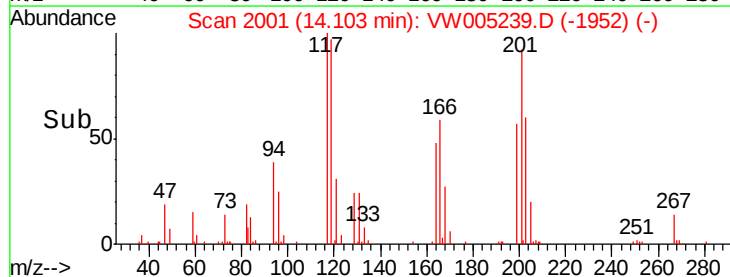
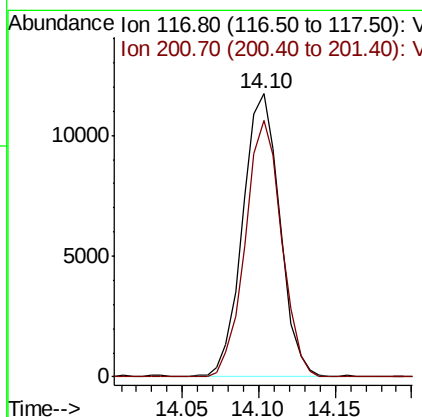
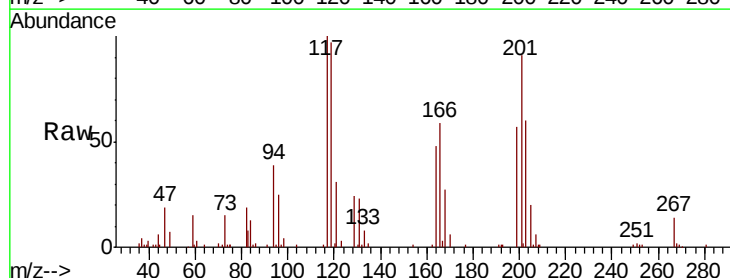
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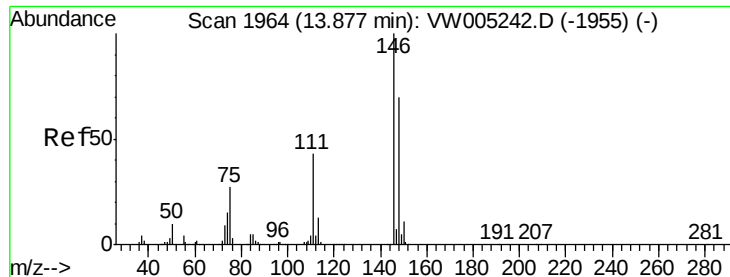
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#90
Hexachloroethane
Concen: 4.71 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19793		
201	88.2	44.0	132.1	





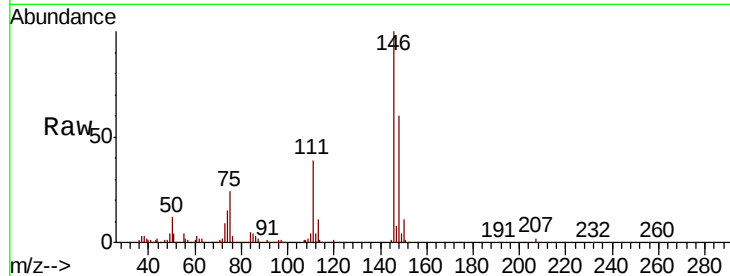
#91
 1,2-Dichlorobenzene
 Concen: 5.02 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.5	61.5
148	63.7	32.7	98.1

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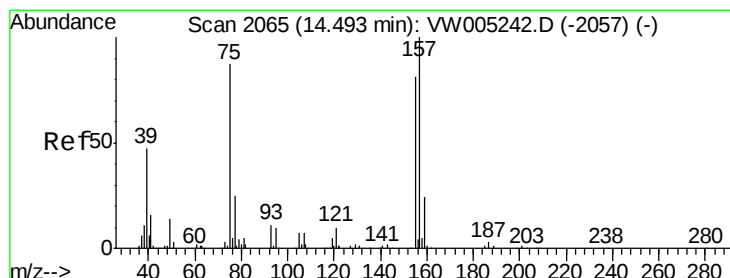
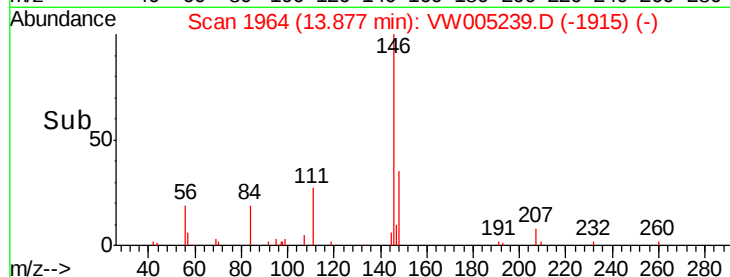
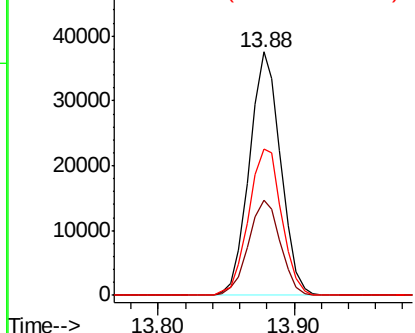


Abundance

Ion 145.90 (145.60 to 146.60): V

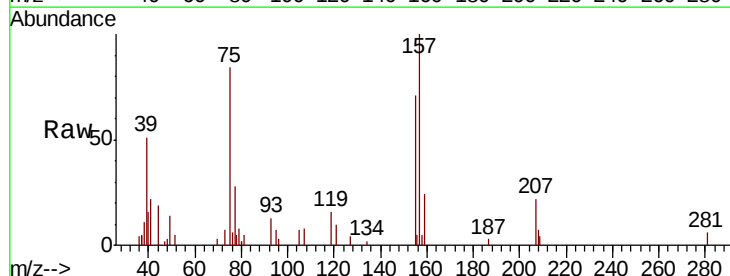
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.71 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	47.4	142.2
157	127.9	59.4	178.2

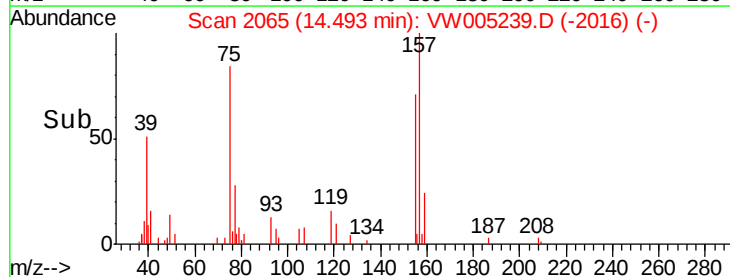
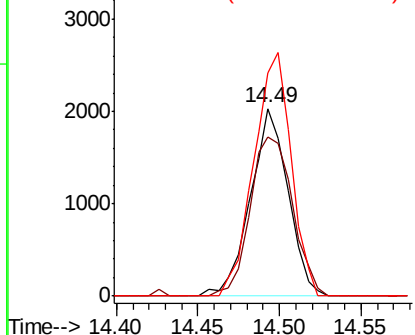


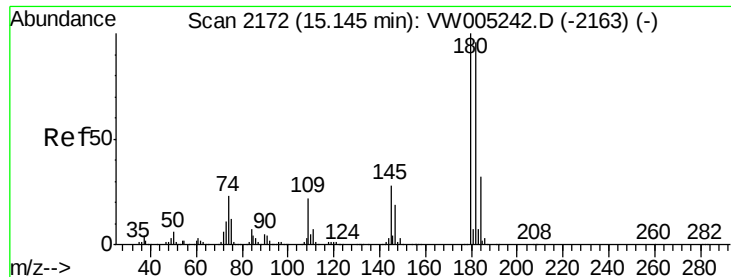
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





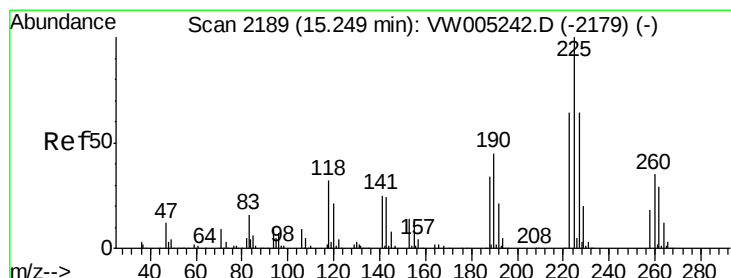
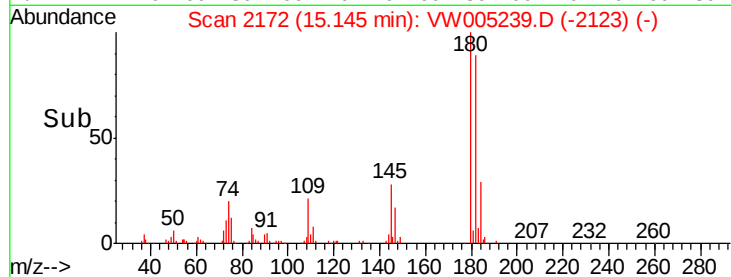
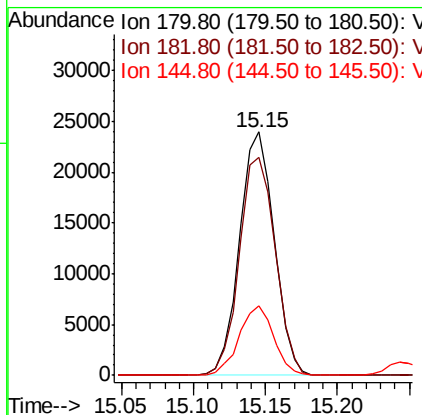
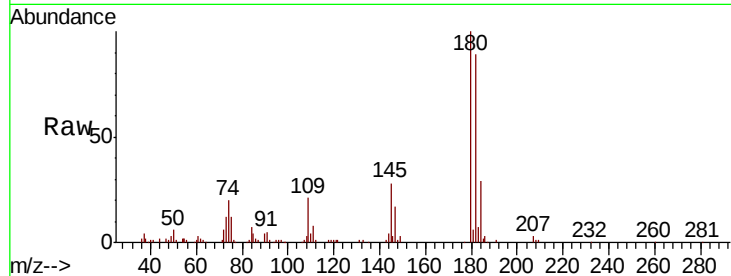
#93
 1,2,4-Trichlorobenzene
 Concen: 4.68 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.2	48.1	144.4	
145	28.6	14.5	43.6	

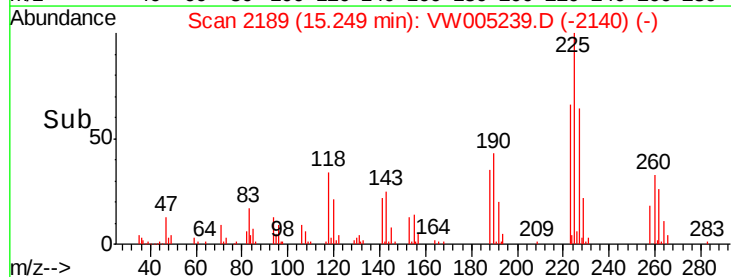
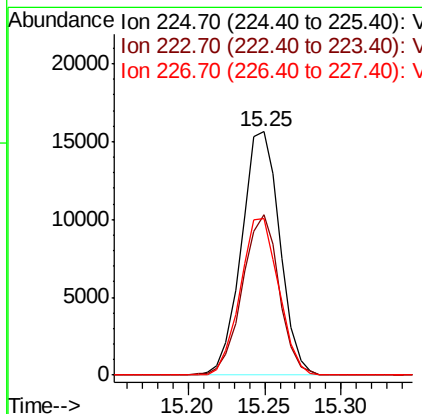
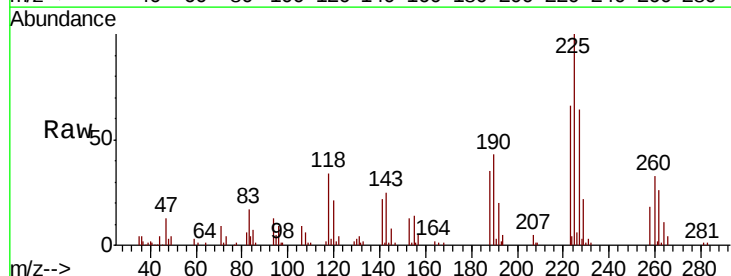
Manual Integrations
 APPROVED

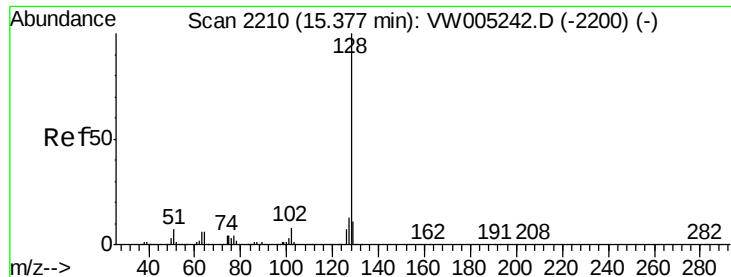
apatel
 9/11/2018 11:09:12 AM



#94
 Hexachlorobutadiene
 Concen: 4.99 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005239.D
 Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.4	94.2	
227	64.5	32.0	96.0	





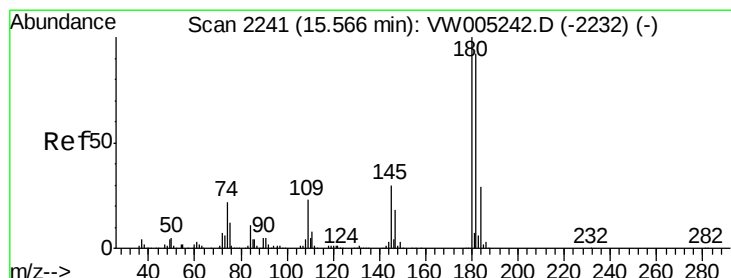
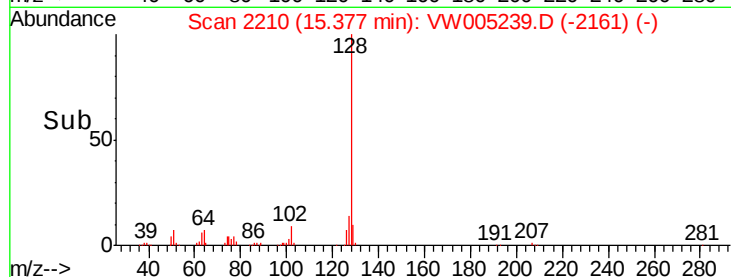
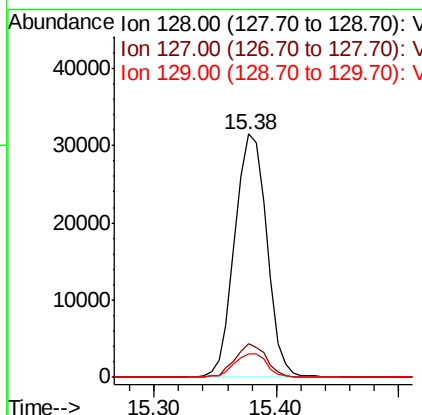
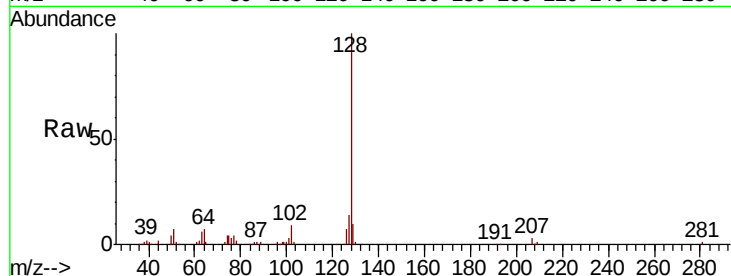
#95
Naphthalene
Concen: 4.16 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.1	8.8	13.2

Manual Integrations
APPROVED

apatel
9/11/2018 11:09:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.59 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.2	141.6
145	30.4	15.2	45.6

