

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006929.D
 Acq On : 16 Nov 2018 22:53
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 11/19/2018 3:29:15 PM

Quant Time: Nov 17 04:36:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	112196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6280	6.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.90%	
35) Dibromofluoromethane	7.89	113	5096	4.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.18%	
50) Toluene-d8	10.33	98	22537	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.62	95	9041	5.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4527	4.75	ug/l	100
3) Chloromethane	2.21	50	4579	4.42	ug/l	98
4) Vinyl Chloride	2.36	62	4393	4.04	ug/l	98
5) Bromomethane	2.78	94	2837	4.00	ug/l	99
6) Chloroethane	2.92	64	2323	3.34	ug/l	93
7) Trichlorofluoromethane	3.26	101	8495	5.55	ug/l	99
8) Diethyl Ether	3.69	74	3462	7.39	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	6168	5.98	ug/l	98
10) Methyl Iodide	4.28	142	4176	2.98	ug/l	95
11) Tert butyl alcohol	5.23	59	2802m	47.36	ug/l	
12) 1,1-Dichloroethene	4.04	96	4957	5.63	ug/l	83
13) Acrolein	3.92	56	1826	29.55	ug/l	96
14) Allyl chloride	4.67	41	8853	7.18	ug/l	98
15) Acrylonitrile	5.38	53	6088	34.04	ug/l	99
16) Acetone	4.15	43	4981	38.18	ug/l	95
17) Carbon Disulfide	4.38	76	15032	5.40	ug/l	98
18) Methyl Acetate	4.69	43	4332	9.67	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	14907	6.84	ug/l	95
20) Methylene Chloride	4.92	84	9999	7.35	ug/l	92
21) trans-1,2-Dichloroethene	5.44	96	6320	6.08	ug/l	90
22) Diisopropyl ether	6.32	45	18336	7.22	ug/l	96
23) Vinyl Acetate	6.26	43	47535	33.23	ug/l	99
24) 1,1-Dichloroethane	6.23	63	10375	6.34	ug/l	97
25) 2-Butanone	7.18	43	8799	40.16	ug/l	91
26) 2,2-Dichloropropane	7.17	77	10184	6.38	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	6703	6.00	ug/l	94
28) Bromochloromethane	7.51	49	4084	7.09	ug/l	# 99
29) Tetrahydrofuran	7.54	42	5206	37.12	ug/l	96
30) Chloroform	7.68	83	12748	7.19	ug/l	98
31) Cyclohexane	7.96	56	12469	7.53	ug/l	# 86
32) 1,1,1-Trichloroethane	7.88	97	10398	6.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	9014	5.22	ug/l	99
37) Ethyl Acetate	7.26	43	3894	6.60	ug/l	99
38) Carbon Tetrachloride	8.08	117	9070	4.92	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	11048	4.99	ug/l	97
40) Benzene	8.33	78	25254	5.24	ug/l	97
41) Methacrylonitrile	7.49	41	2464	6.77	ug/l #	93
42) 1,2-Dichloroethane	8.40	62	7816	5.96	ug/l	98
43) Isopropyl Acetate	8.43	43	7092	6.18	ug/l	98
44) Trichloroethene	9.10	130	6829	4.60	ug/l	95
45) 1,2-Dichloropropane	9.37	63	6576	5.78	ug/l	98
46) Dibromomethane	9.46	93	3322	5.33	ug/l	99
47) Bromodichloromethane	9.65	83	8770	5.63	ug/l	95
48) Methyl methacrylate	9.45	41	3576	6.40	ug/l	89
49) 1,4-Dioxane	9.47	88	985	104.12	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	19273	33.59	ug/l	98
52) Toluene	10.39	92	16784	4.96	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	7828	5.10	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	9761	5.36	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	4965	5.36	ug/l	96
56) Ethyl methacrylate	10.65	69	5641	5.46	ug/l	95
57) 1,3-Dichloropropane	10.94	76	8048	5.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	15064	29.59	ug/l	100
59) 2-Hexanone	10.98	43	12030	30.57	ug/l	97
60) Dibromochloromethane	11.13	129	5005	4.47	ug/l	99
61) 1,2-Dibromoethane	11.24	107	4154	4.75	ug/l	96
64) Tetrachloroethene	10.86	164	5884	4.26	ug/l	86
65) Chlorobenzene	11.66	112	18966	4.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	5797	4.56	ug/l	99
67) Ethyl Benzene	11.74	91	34079	5.05	ug/l	100
68) m/p-Xylenes	11.85	106	26531	9.70	ug/l	98
69) o-Xylene	12.17	106	12876	5.04	ug/l	95
70) Styrene	12.18	104	19855	4.85	ug/l	99
71) Bromoform	12.35	173	2533	3.74	ug/l #	100
73) Isopropylbenzene	12.47	105	34199	5.53	ug/l	98
74) N-amyl acetate	12.28	43	6655	6.71	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	5206	6.03	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	3675m	5.58	ug/l	
77) Bromobenzene	12.75	156	7177	4.72	ug/l	98
78) n-propylbenzene	12.81	91	41048	5.60	ug/l	98
79) 2-Chlorotoluene	12.90	91	24515	5.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	29065	5.47	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	1472	5.58	ug/l	97
82) 4-Chlorotoluene	12.99	91	25437	5.76	ug/l	99
83) tert-Butylbenzene	13.21	119	24841	5.33	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	29071	5.38	ug/l	100
85) sec-Butylbenzene	13.39	105	35862	5.42	ug/l	99
86) p-Isopropyltoluene	13.51	119	31479	5.27	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	15374	4.97	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	15498	5.06	ug/l	94
89) n-Butylbenzene	13.83	91	29092	5.28	ug/l	99
90) Hexachloroethane	14.10	117	4707	4.90	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	14210	5.26	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	842	5.93	ug/l	97

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ClientSampleId :
VSTDICC005

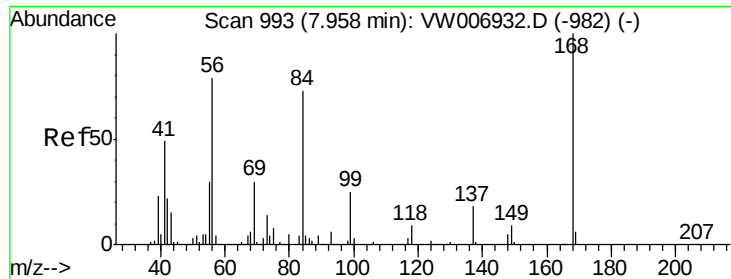
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 17 01:21:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	8041	4.05	ug/l	97
94) Hexachlorobutadiene	15.24	225	4576	3.73	ug/l	97
95) Naphthalene	15.38	128	14407	4.65	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	6867	4.02	ug/l	99

(#) = 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: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 112196

Ion Ratio Lower Upper

168 100

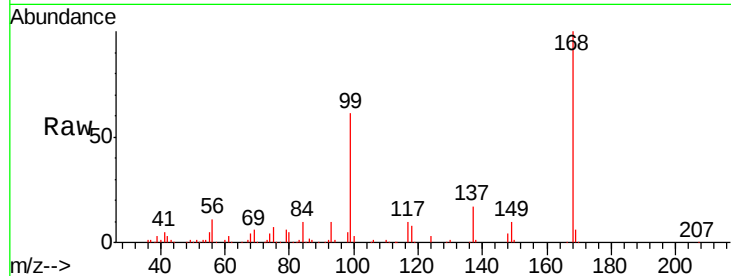
99 60.8 49.3 73.9

Manual Integrations

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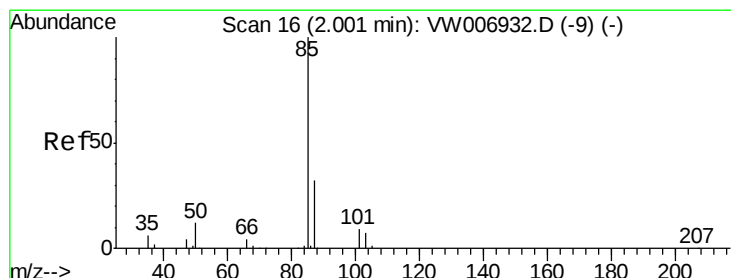
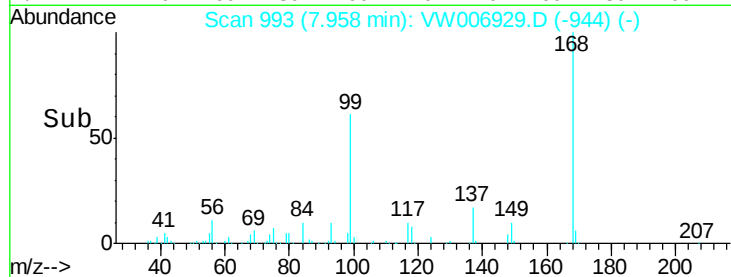
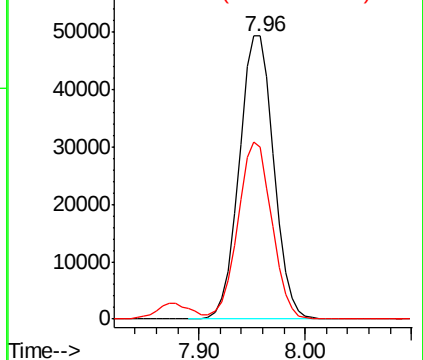
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 4.75 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006929.D

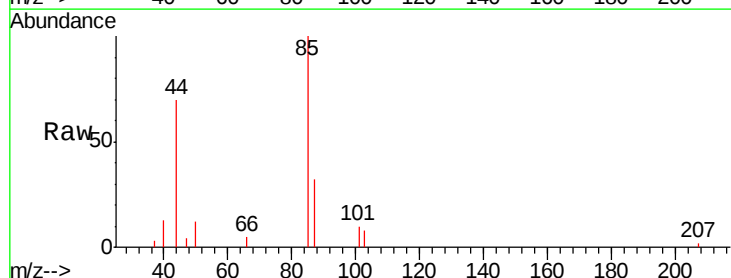
Acq: 16 Nov 2018 22:53

Tgt Ion: 85 Resp: 4527

Ion Ratio Lower Upper

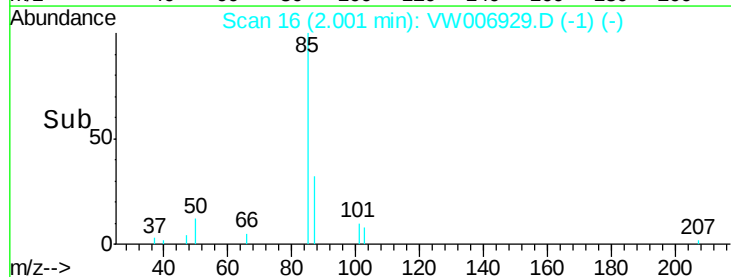
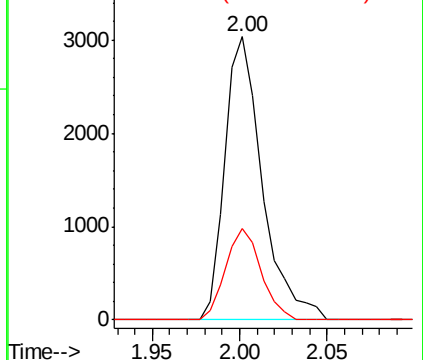
85 100

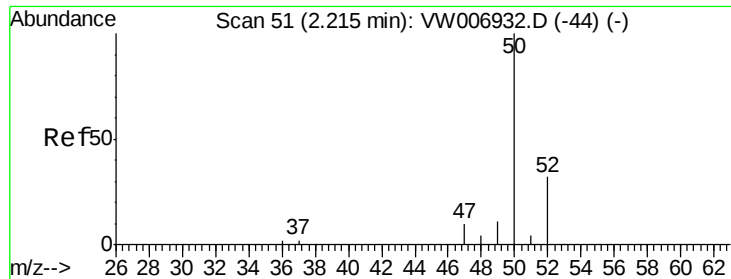
87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





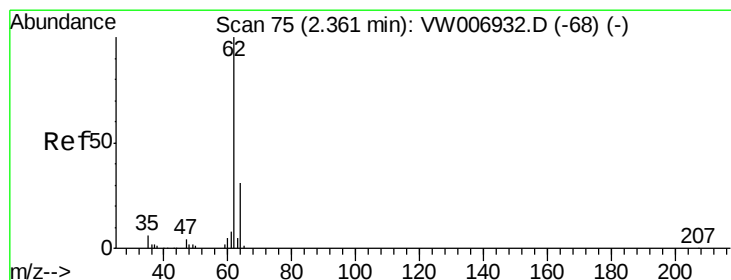
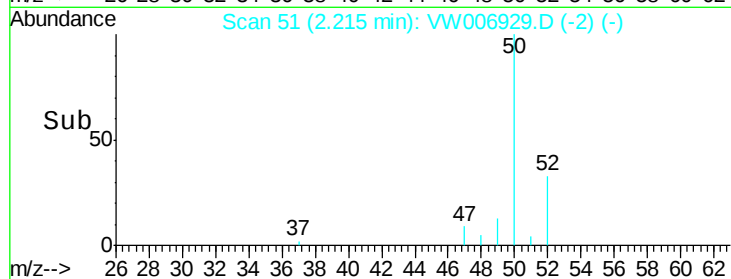
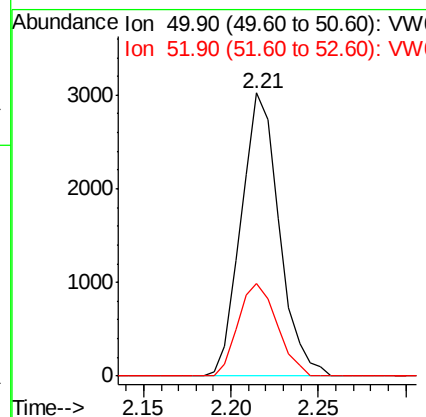
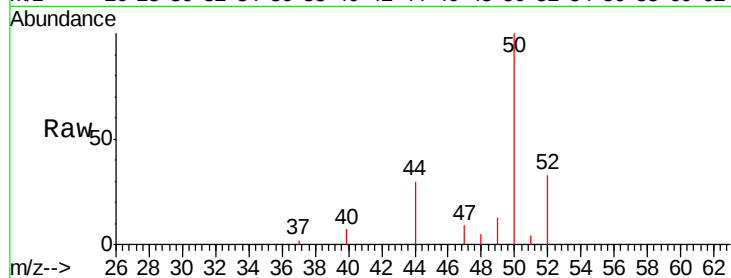
#3
 Chloromethane
 Concen: 4.42 ug/l
 RT: 2.21 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 50 Resp: 4579
 Ion Ratio Lower Upper
 50 100
 52 32.8 25.4 38.2

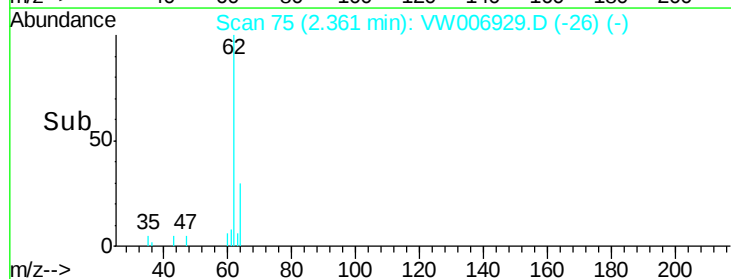
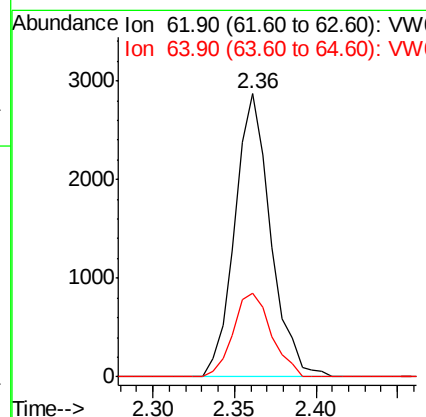
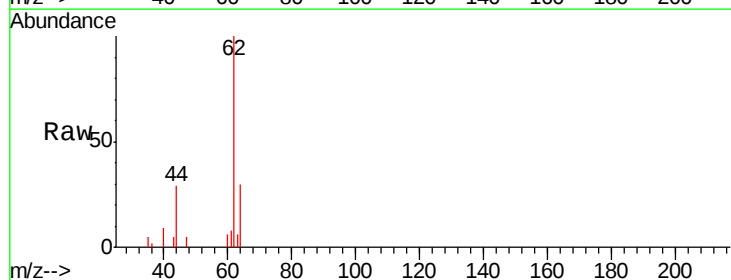
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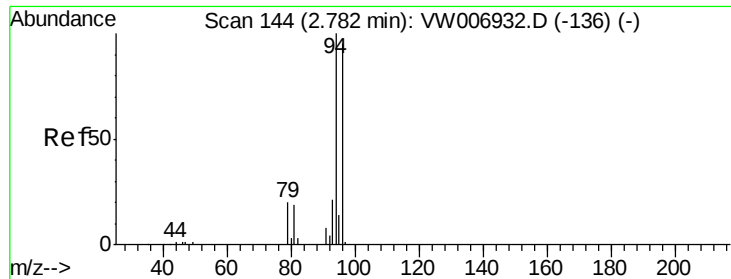
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#4
 Vinyl Chloride
 Concen: 4.04 ug/l
 RT: 2.36 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion: 62 Resp: 4393
 Ion Ratio Lower Upper
 62 100
 64 29.5 24.6 37.0





#5

Bromomethane

Concen: 4.00 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 2837

Ion Ratio Lower Upper

94 100

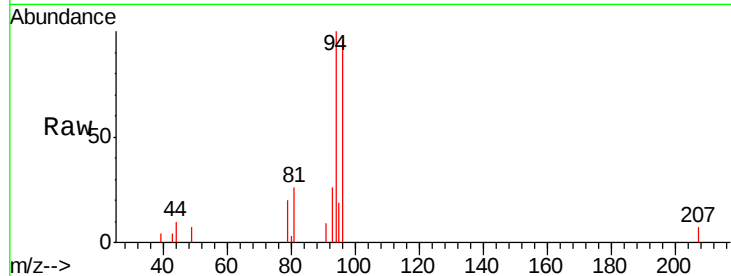
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Manual Integrations

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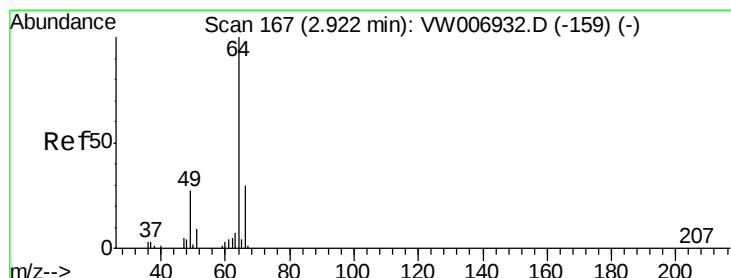
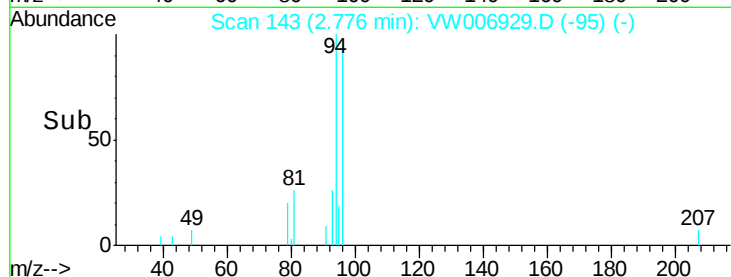
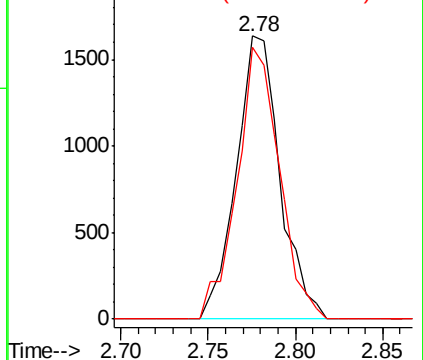
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 3.34 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006929.D

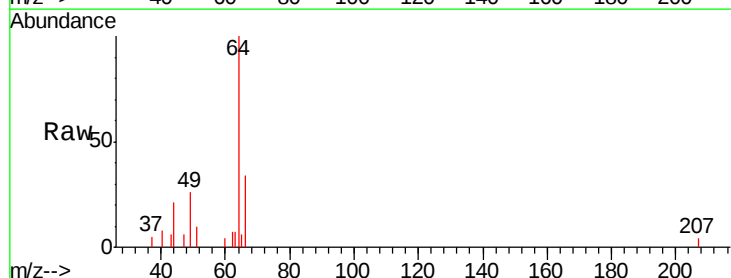
Acq: 16 Nov 2018 22:53

Tgt Ion: 64 Resp: 2323

Ion Ratio Lower Upper

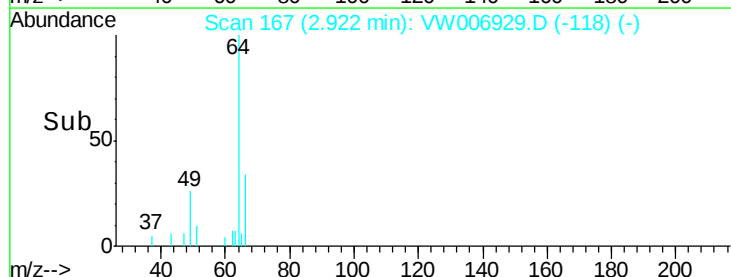
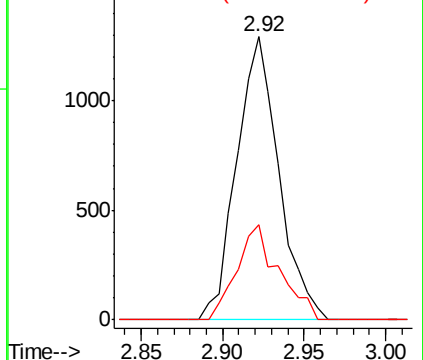
64 100

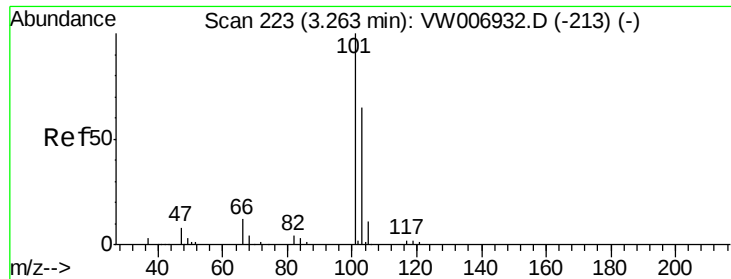
66 33.6 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

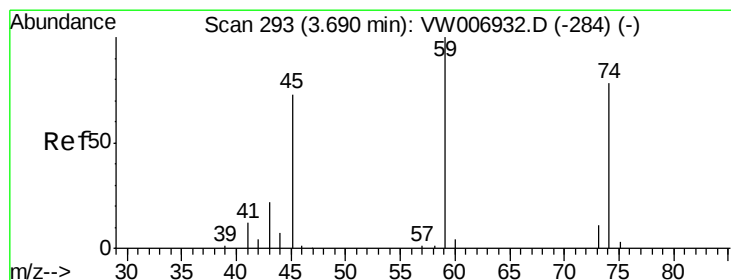
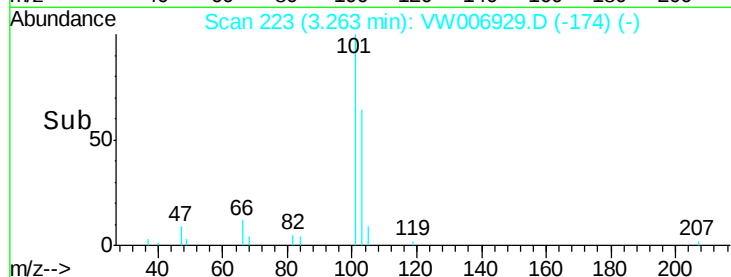
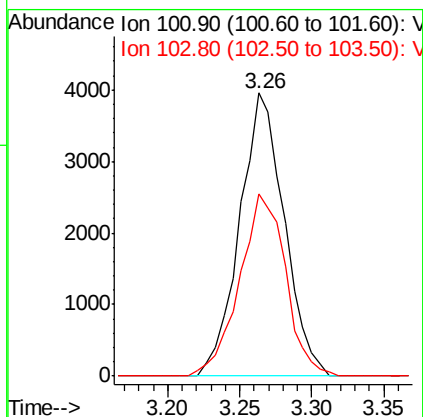
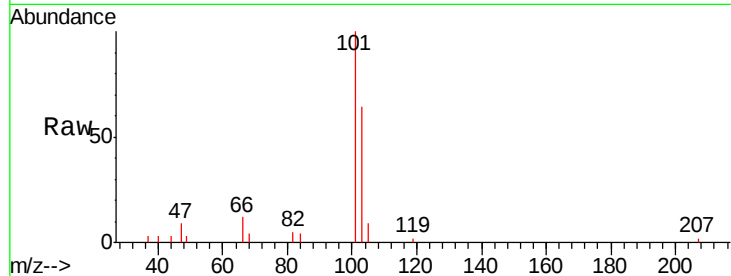
Trichlorofluoromethane
 Concen: 5.55 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.2

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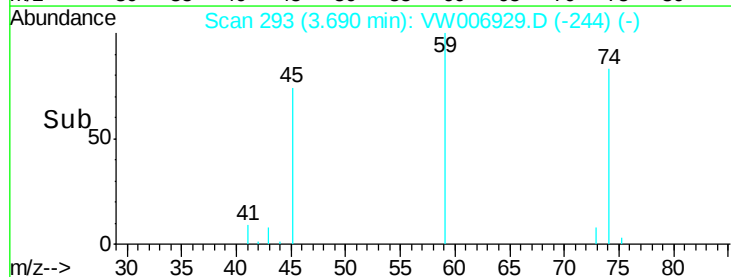
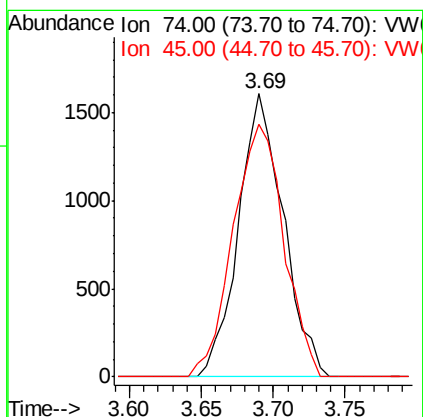
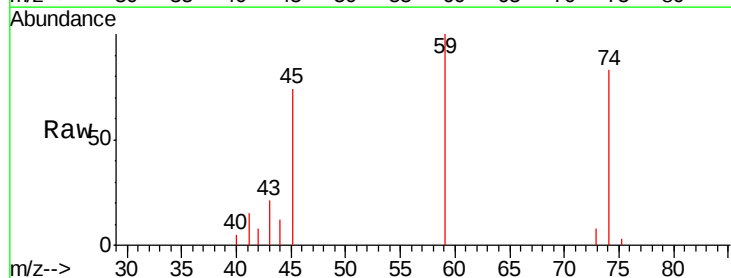
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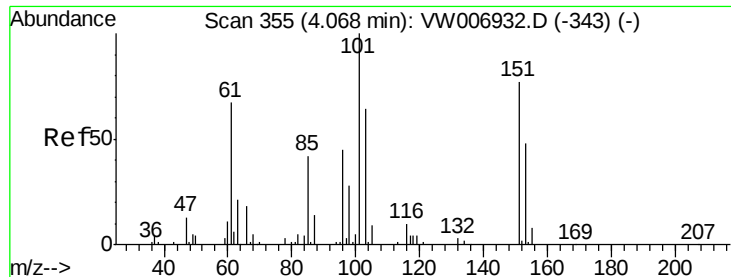


#8

Diethyl Ether
 Concen: 7.39 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.98 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

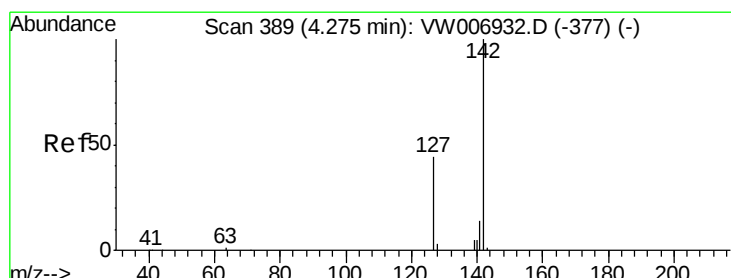
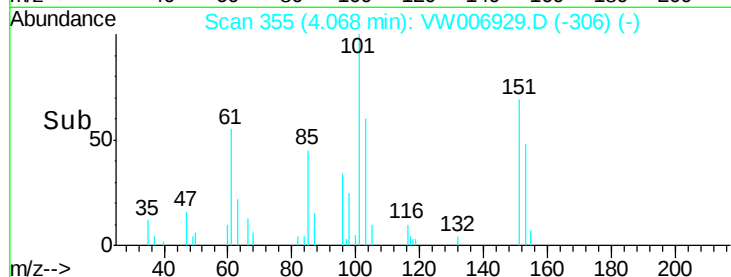
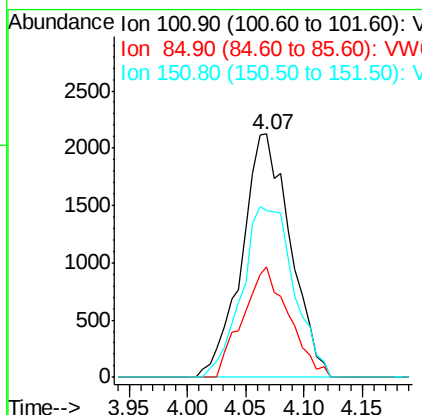
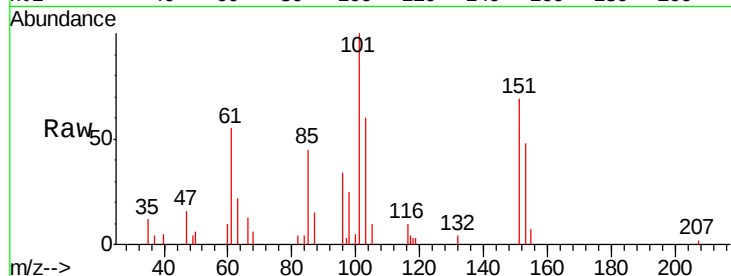
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	6168
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.5	51.7
151	75.0	61.5	92.3

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#10

Methyl Iodide

Concen: 2.98 ug/l

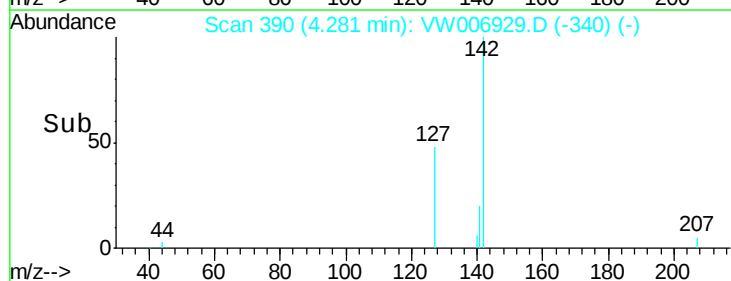
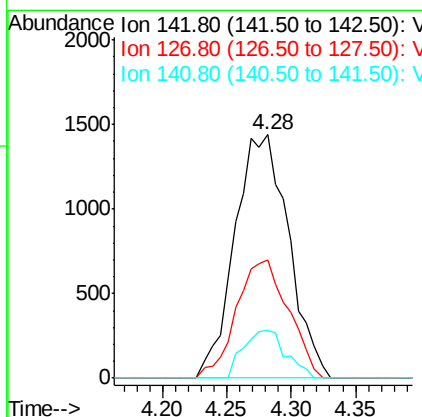
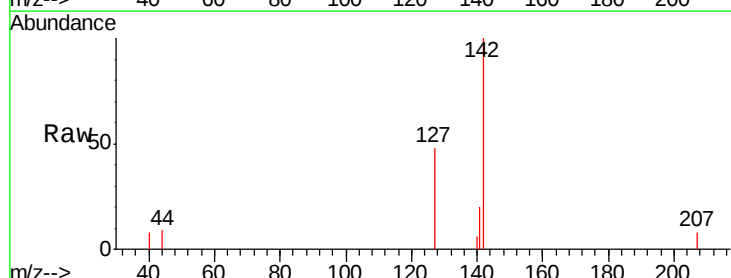
RT: 4.28 min Scan# 390

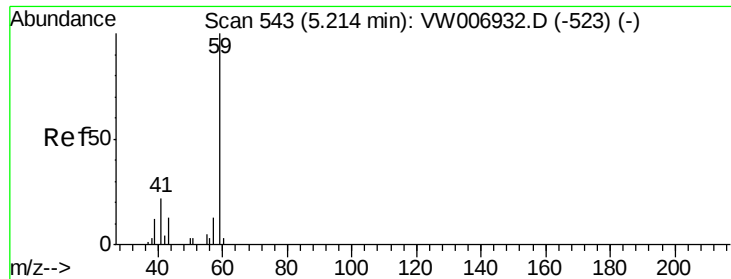
Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	142	Resp:	4176
Ion Ratio	Lower	Upper	
142	100		
127	46.8	34.4	51.6
141	15.5	11.5	17.3





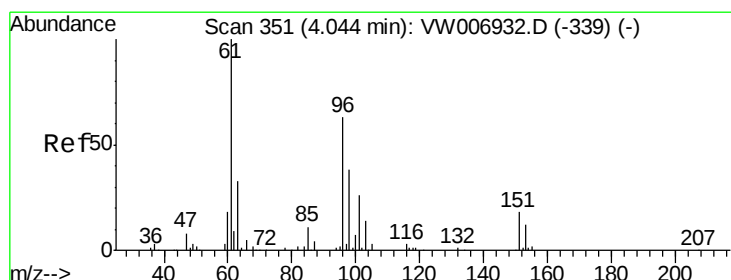
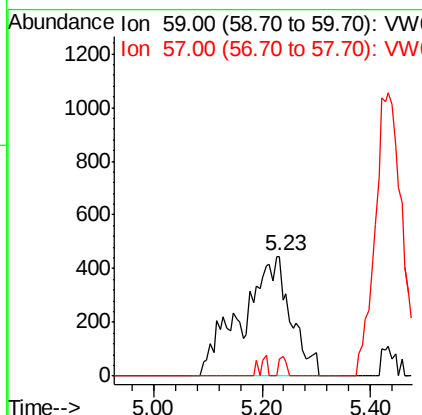
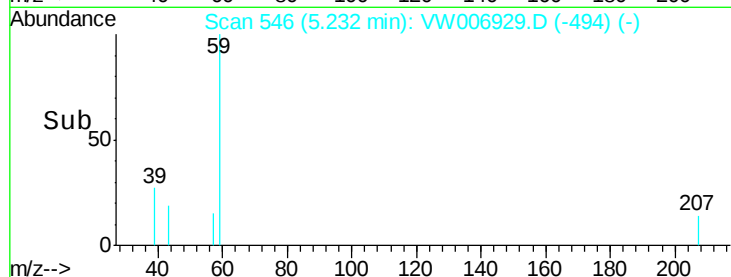
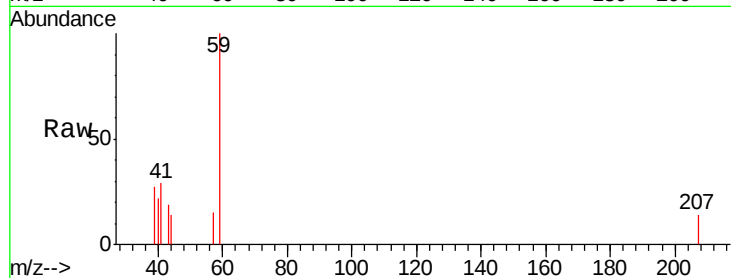
#11
Tert butyl alcohol
Concen: 47.36 ug/l m
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2802
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

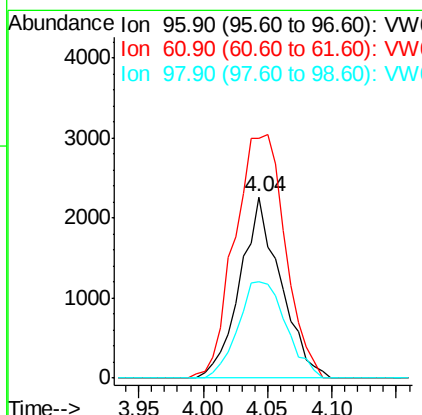
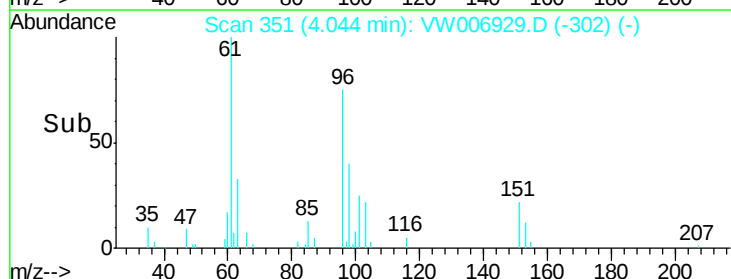
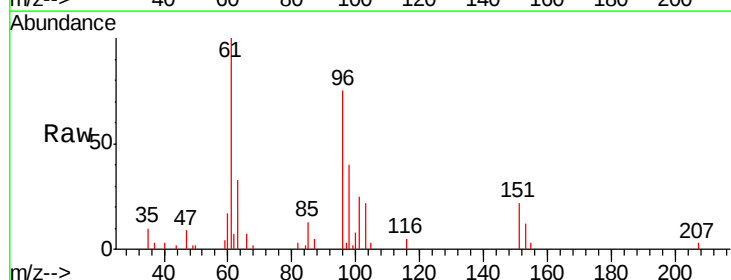
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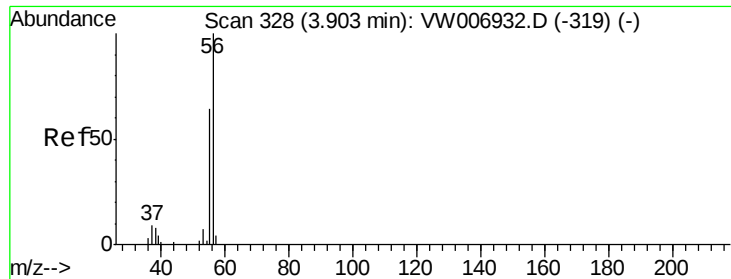
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#12
1,1-Dichloroethene
Concen: 5.63 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion: 96 Resp: 4957
Ion Ratio Lower Upper
96 100
61 132.6 127.8 191.8
98 53.6 48.3 72.5





#13

Acrolein

Concen: 29.55 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 1826

Ion Ratio Lower Upper

56 100

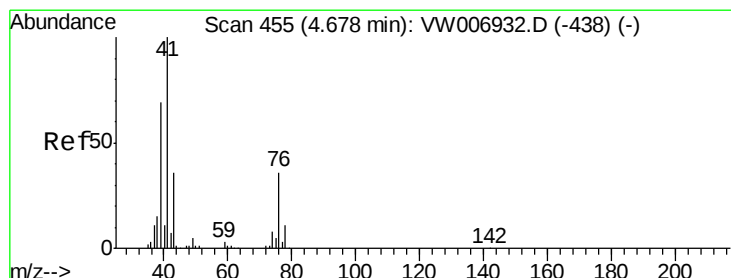
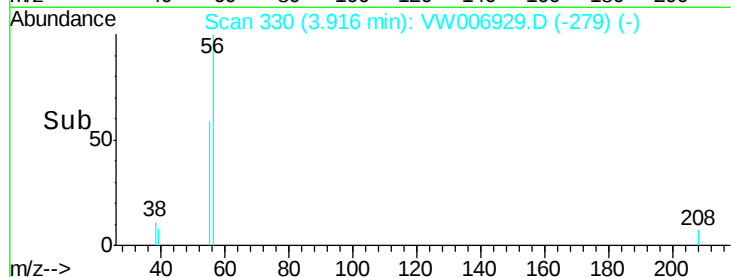
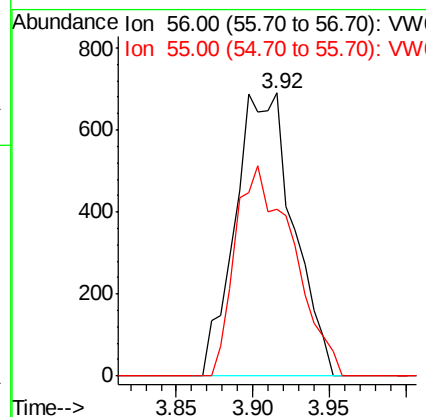
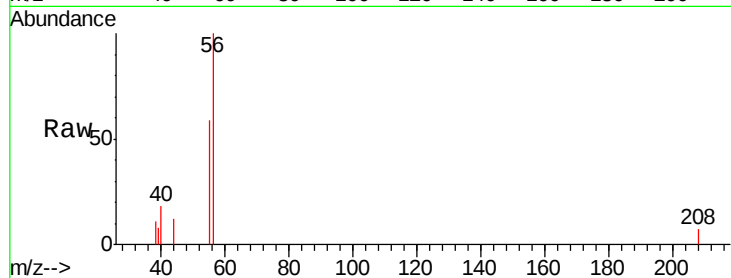
55 73.9 56.5 84.7

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#14

Allyl chloride

Concen: 7.18 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

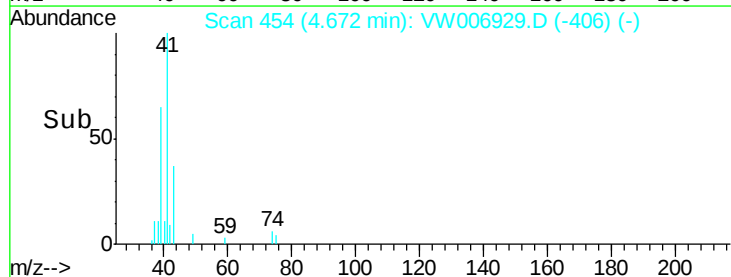
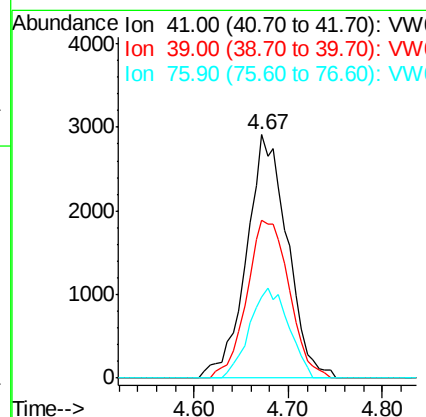
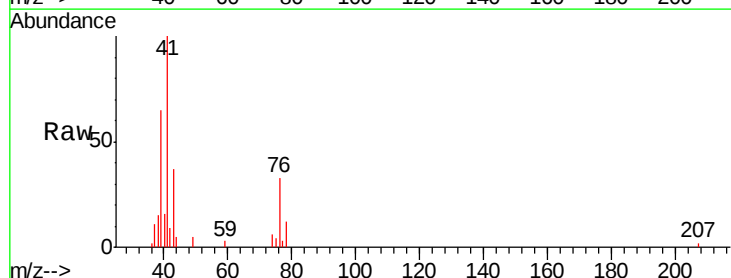
Tgt Ion: 41 Resp: 8853

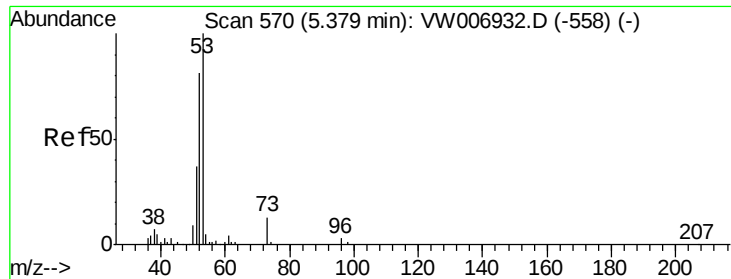
Ion Ratio Lower Upper

41 100

39 66.8 55.0 82.4

76 35.3 28.0 42.0





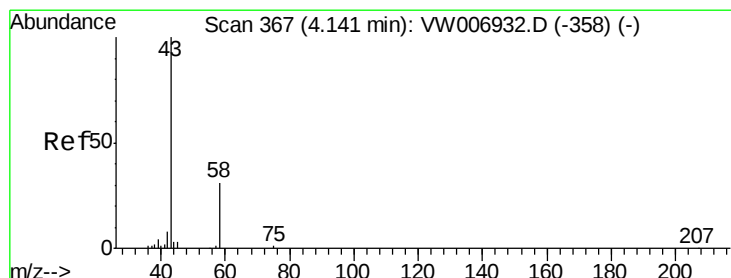
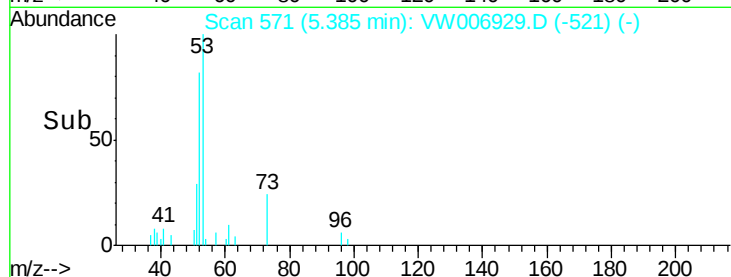
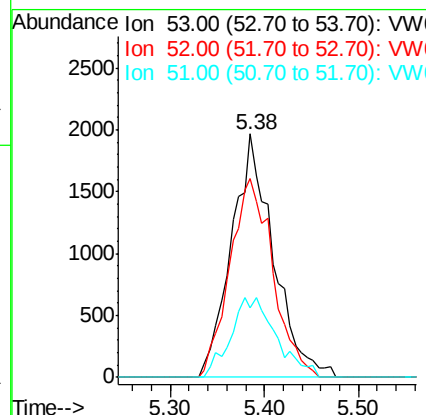
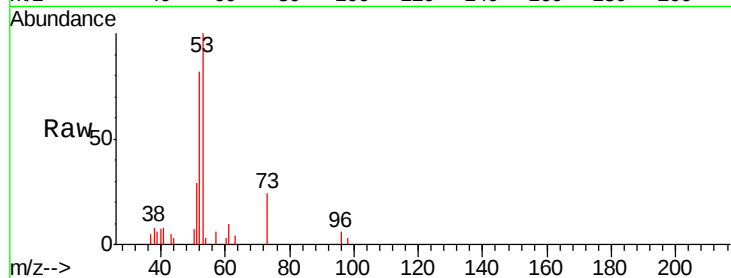
#15
Acrylonitrile
Concen: 34.04 ug/l
RT: 5.38 min Scan# 571
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.0	100.6
51	35.7	29.8	44.6

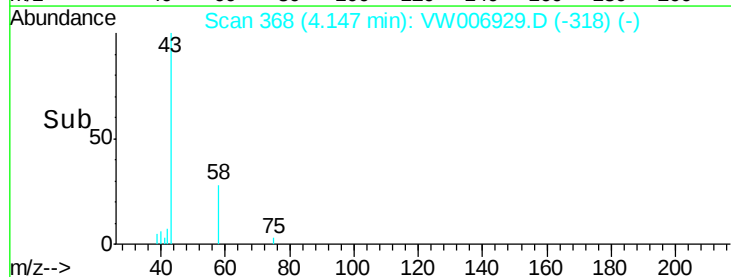
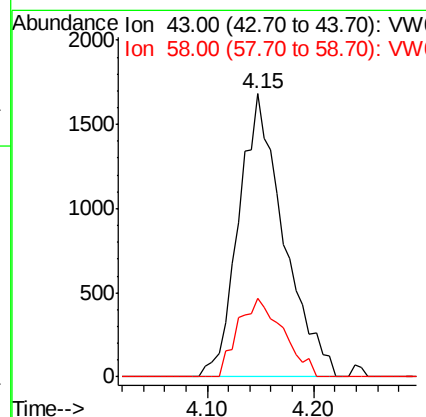
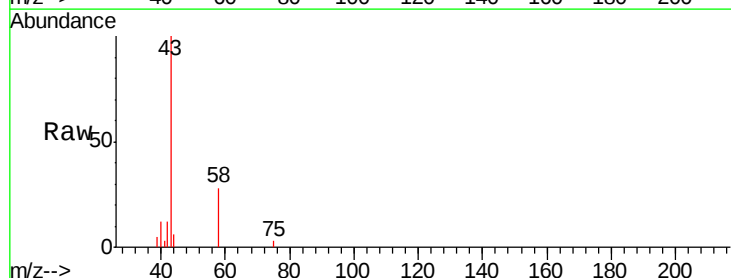
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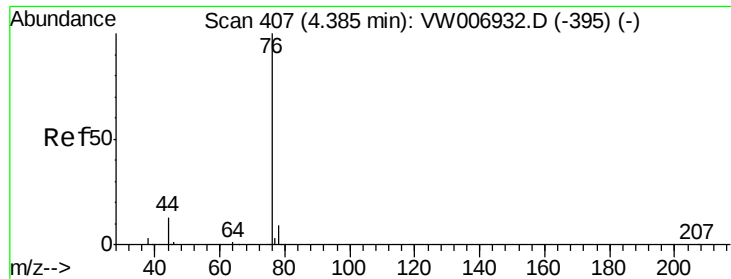
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#16
Acetone
Concen: 38.18 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.2	36.4





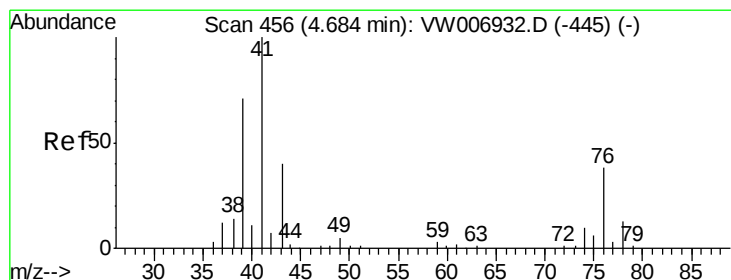
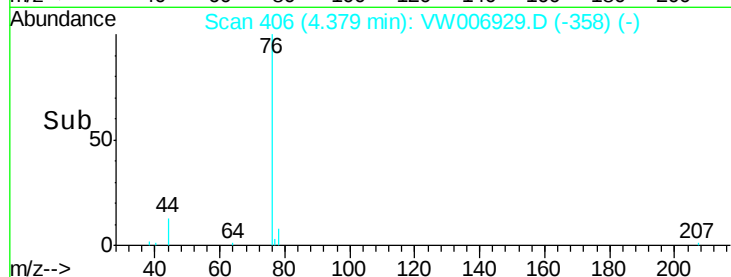
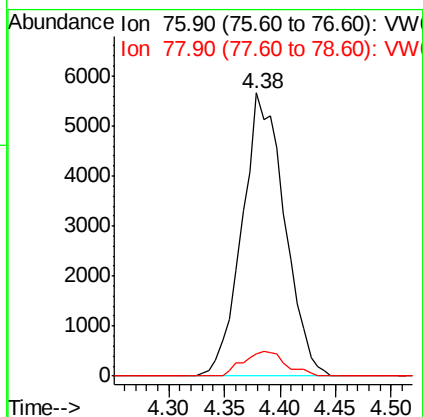
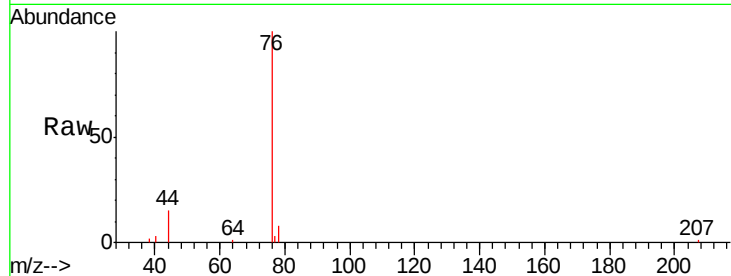
#17
Carbon Disulfide
Concen: 5.40 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 15032
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

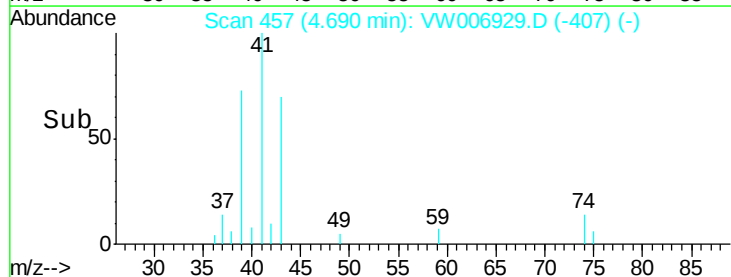
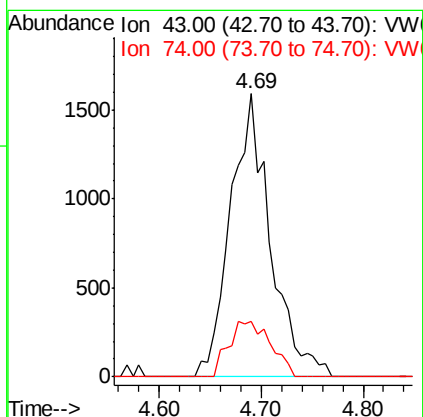
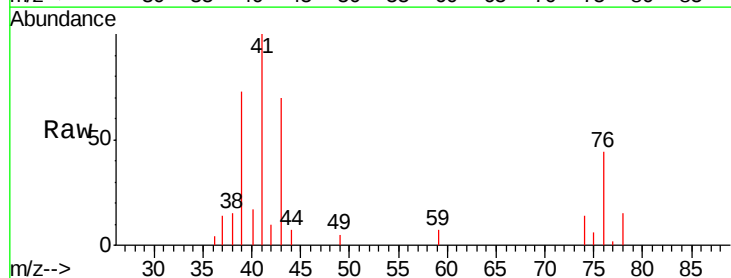
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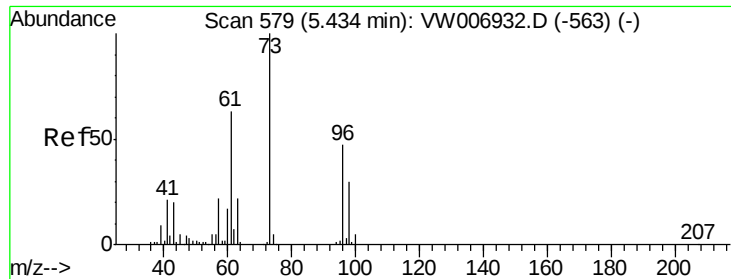
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#18
Methyl Acetate
Concen: 9.67 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion: 43 Resp: 4332
Ion Ratio Lower Upper
43 100
74 20.8 20.3 30.5





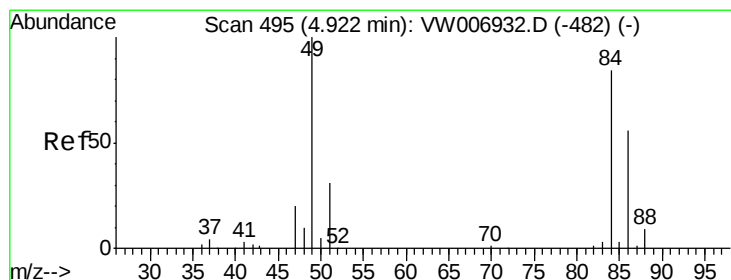
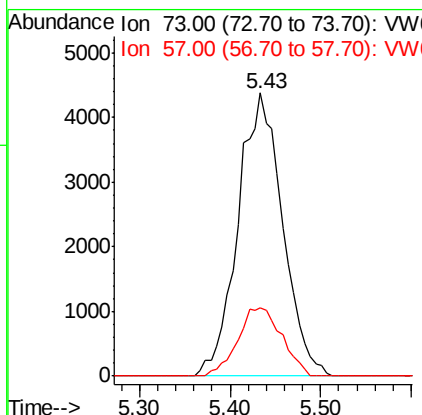
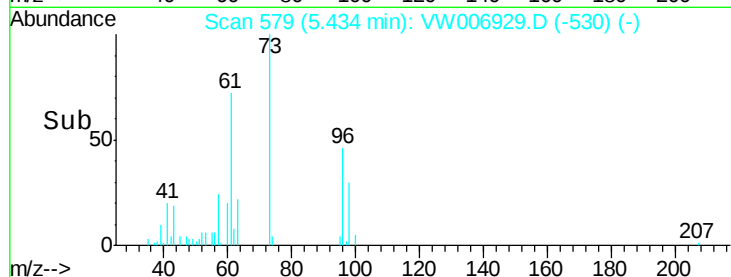
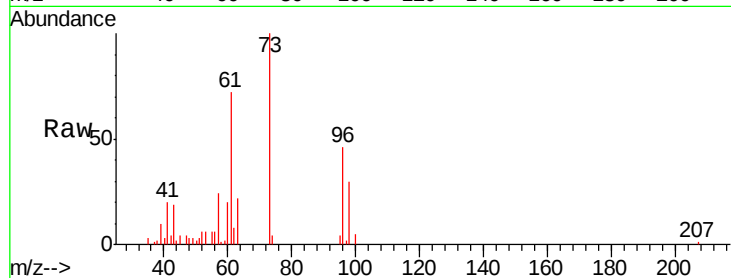
#19
Methyl tert-butyl Ether
Concen: 6.84 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 14907
Ion Ratio Lower Upper
73 100
57 24.1 17.5 26.3

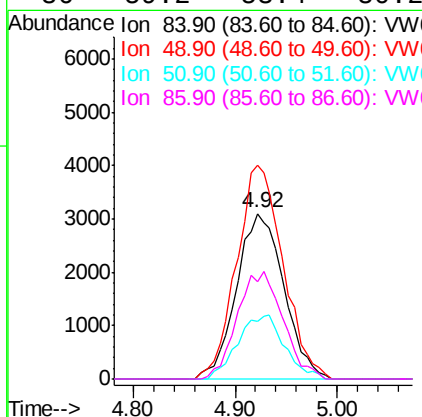
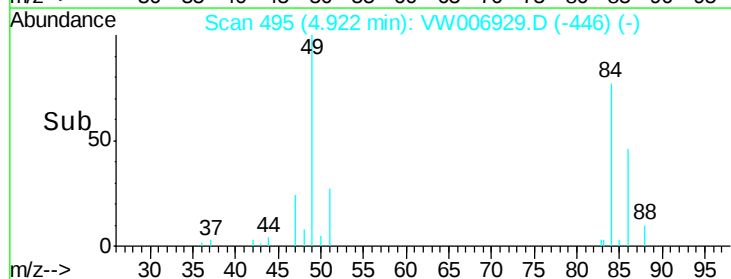
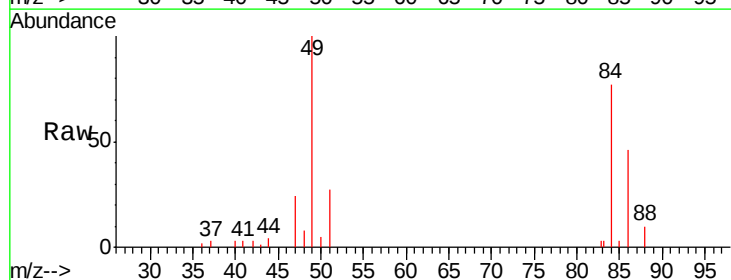
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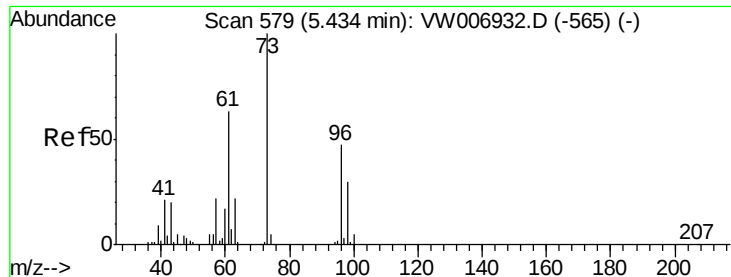
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#20
Methylene Chloride
Concen: 7.35 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion: 84 Resp: 9999
Ion Ratio Lower Upper
84 100
49 129.3 95.4 143.2
51 35.3 29.5 44.3
86 59.2 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 6.08 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

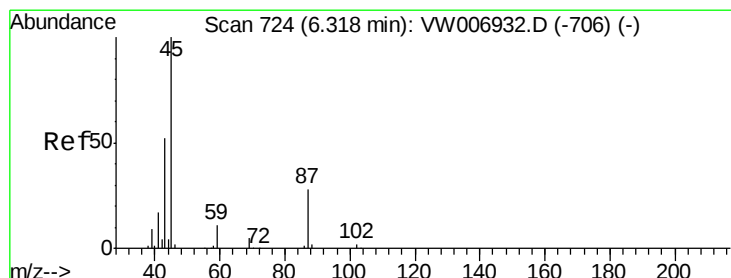
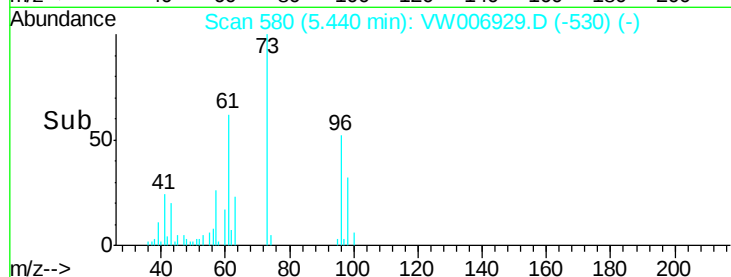
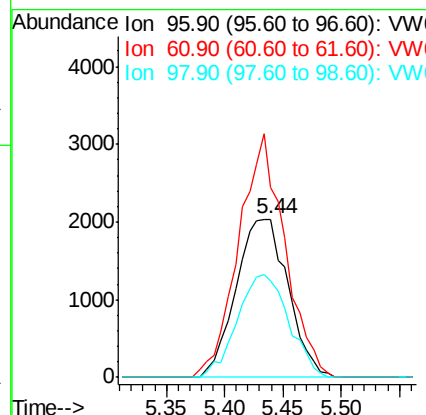
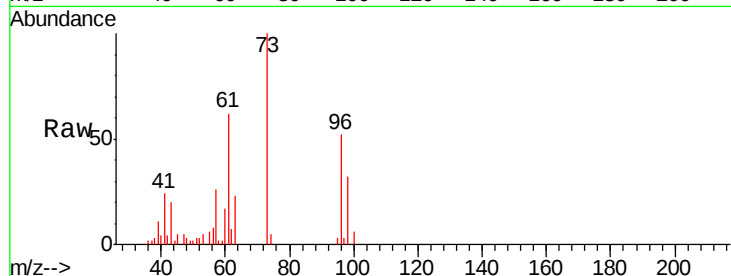
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	6320
Ion	Ratio	Lower	Upper
96	100		
61	119.7	108.2	162.4
98	61.2	50.6	76.0

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#22

Diisopropyl ether

Concen: 7.22 ug/l

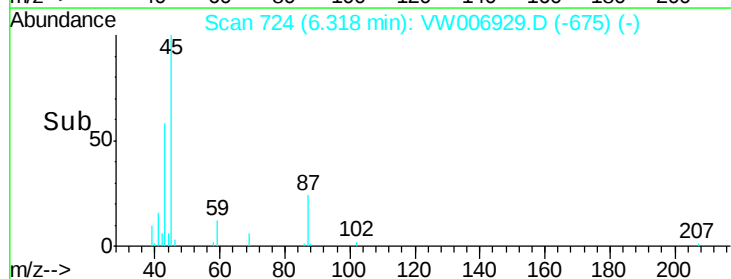
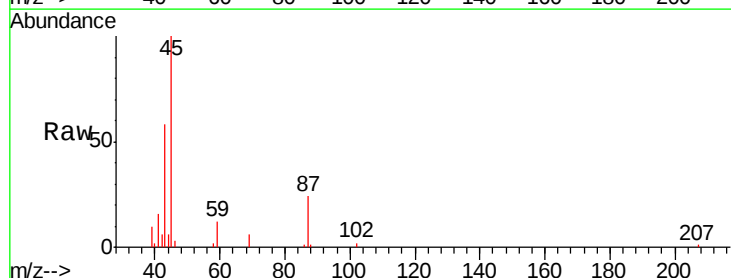
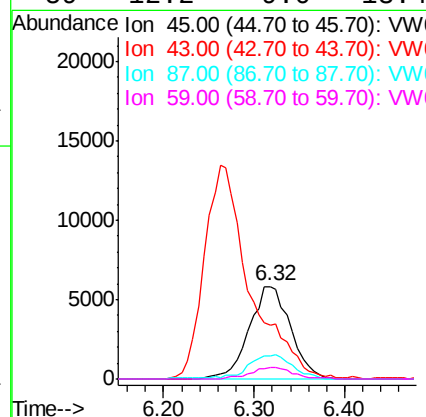
RT: 6.32 min Scan# 724

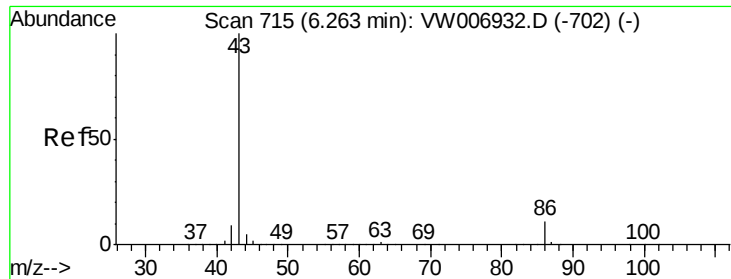
Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	45	Resp:	18336
Ion	Ratio	Lower	Upper
45	100		
43	55.8	43.1	64.7
87	24.5	22.7	34.1
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 33.23 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 47535

Ion Ratio Lower Upper

43 100

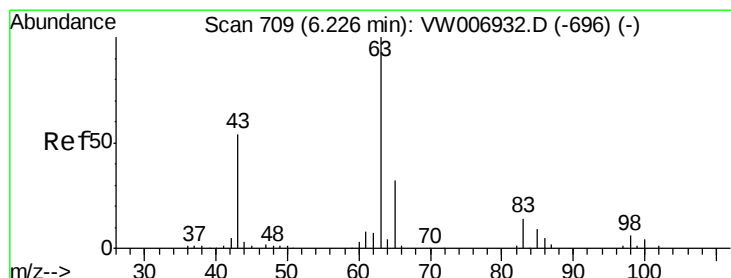
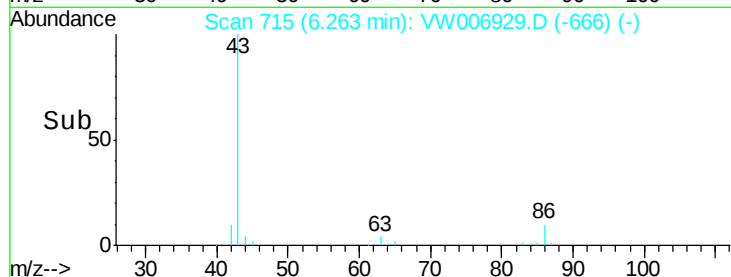
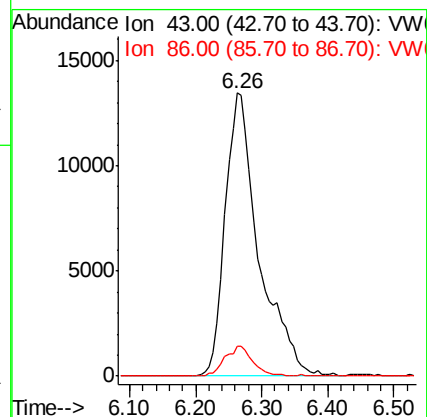
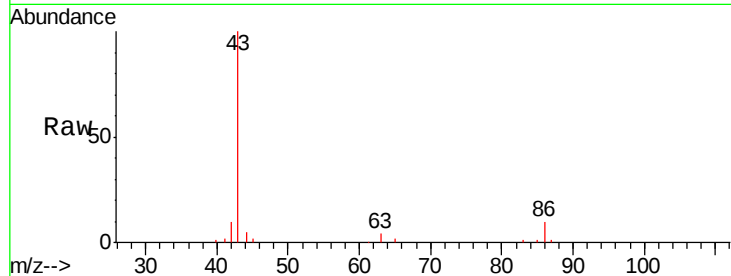
86 10.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 6.34 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

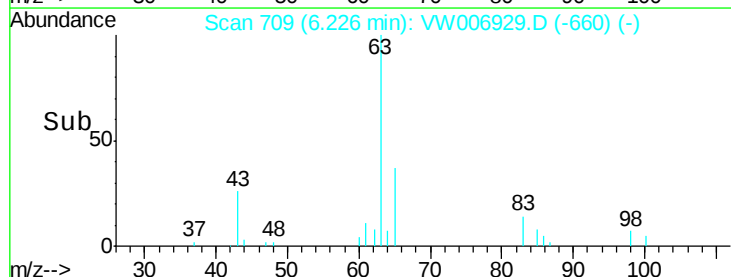
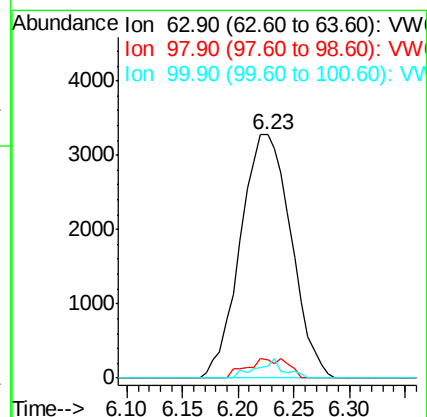
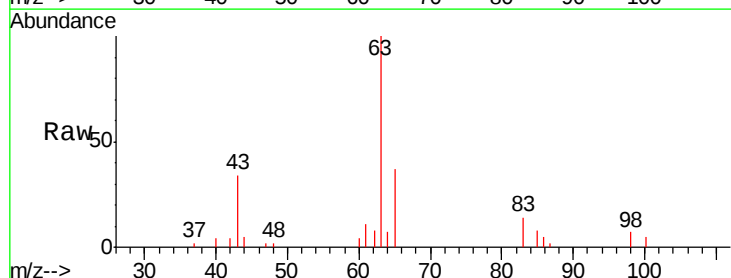
Tgt Ion: 63 Resp: 10375

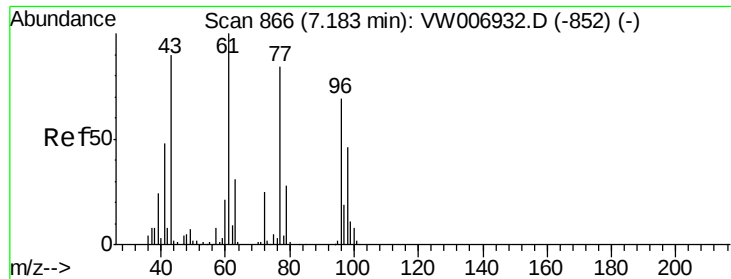
Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 40.16 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 8799

Ion Ratio Lower Upper

43 100

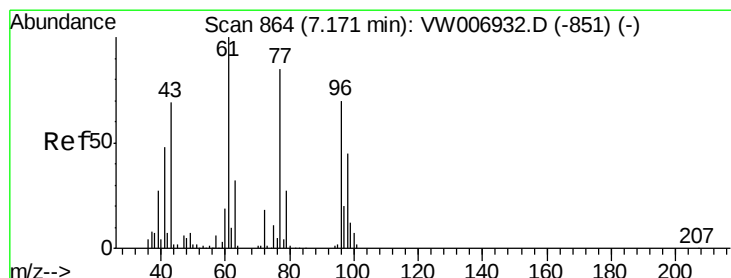
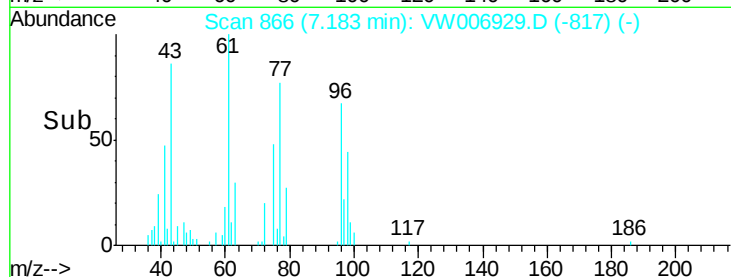
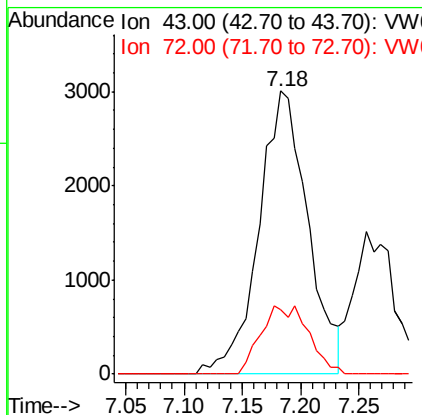
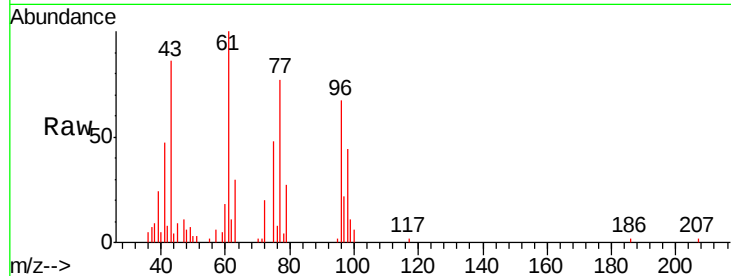
72 22.9 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 6.38 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006929.D

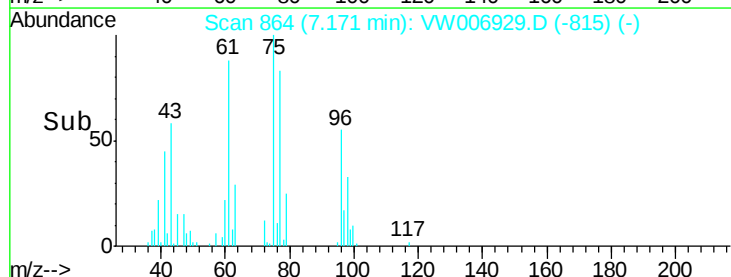
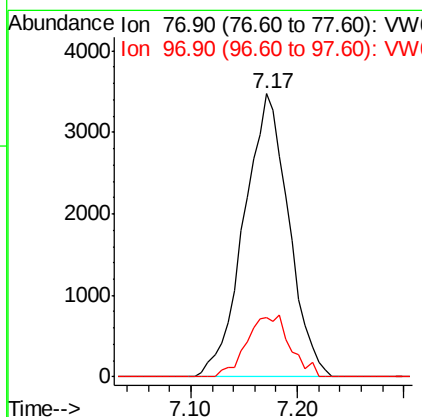
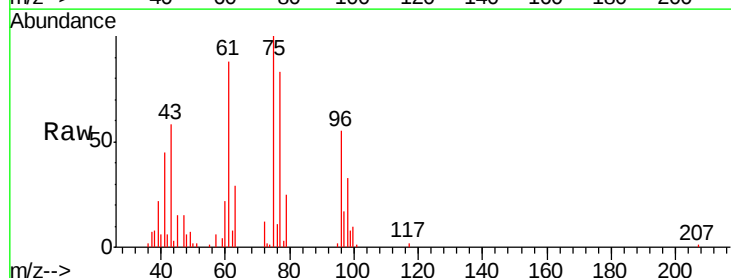
Acq: 16 Nov 2018 22:53

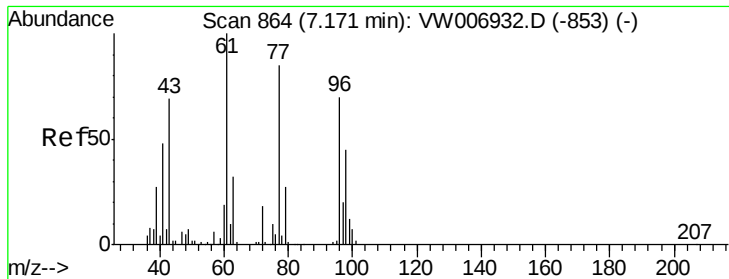
Tgt Ion: 77 Resp: 10184

Ion Ratio Lower Upper

77 100

97 21.0 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 6.00 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

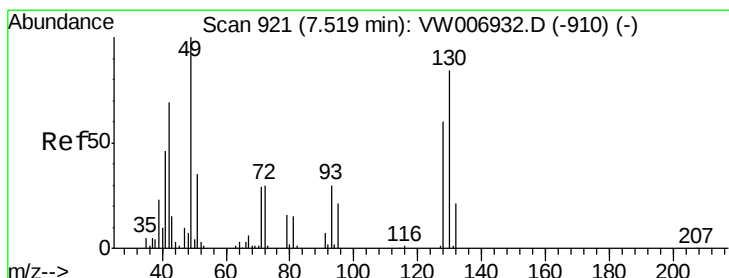
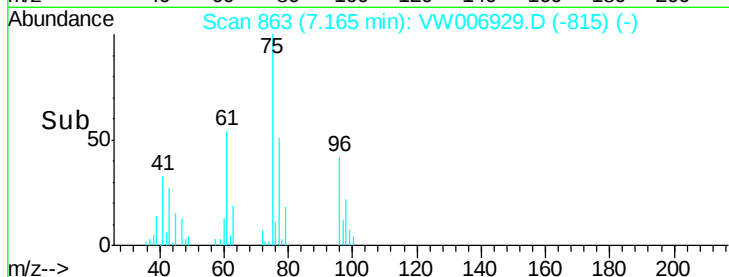
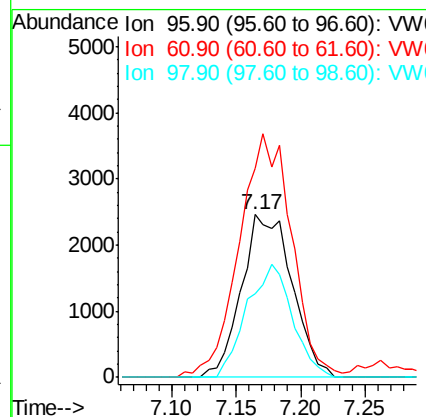
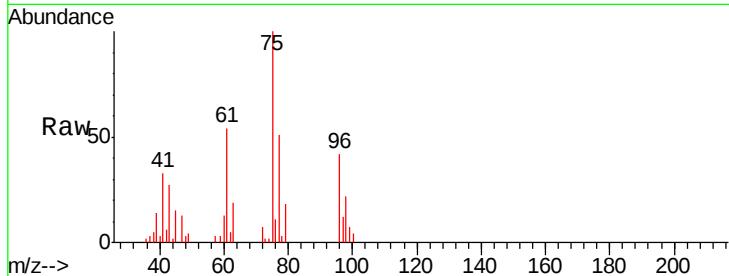
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	6703
Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	293.8
98	62.3	0.0	131.0

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#28

Bromochloromethane

Concen: 7.09 ug/l

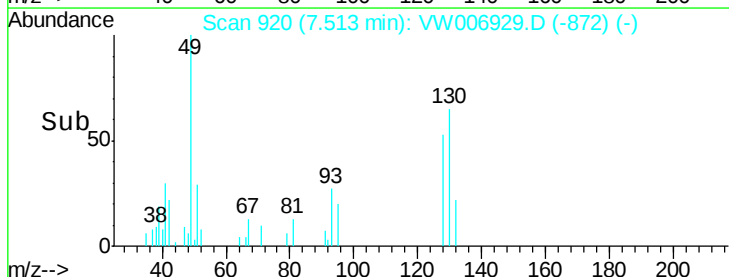
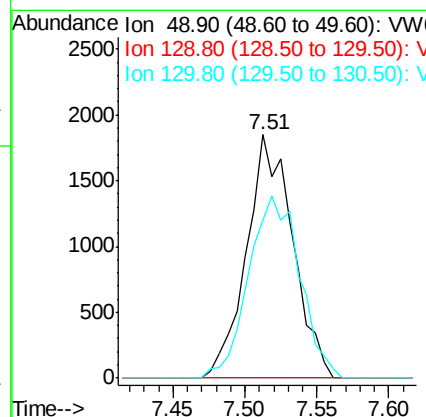
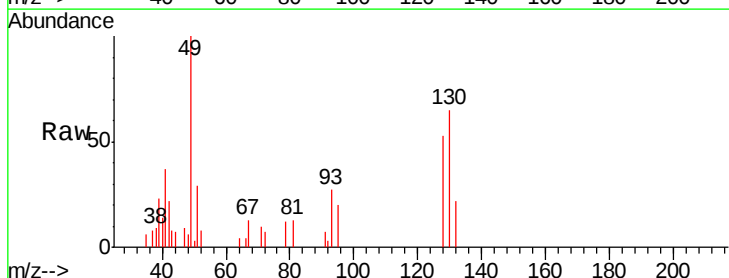
RT: 7.51 min Scan# 920

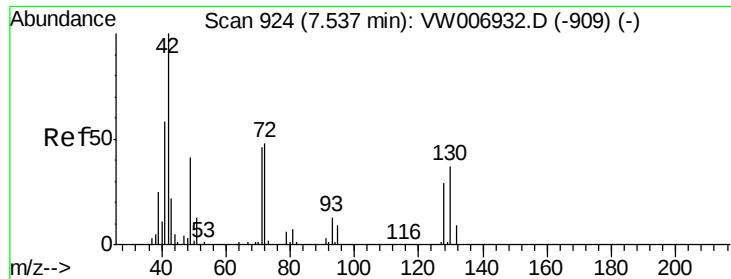
Delta R.T. -0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	49	Resp:	4084
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	83.5	66.1	99.1





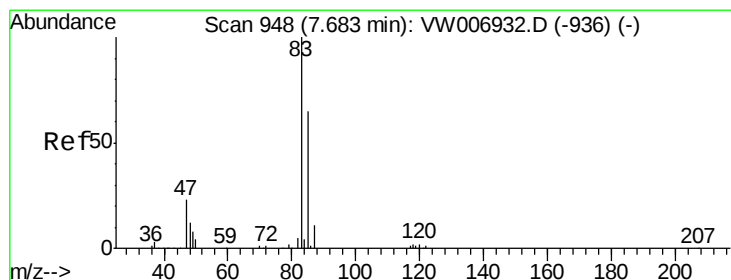
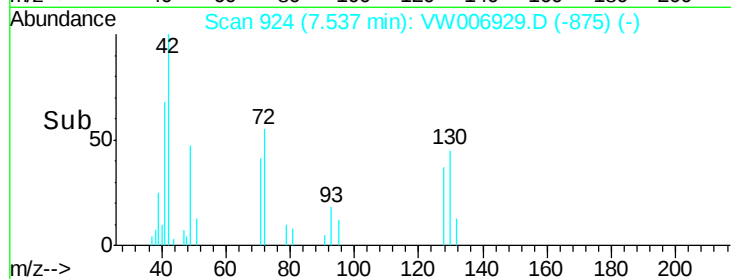
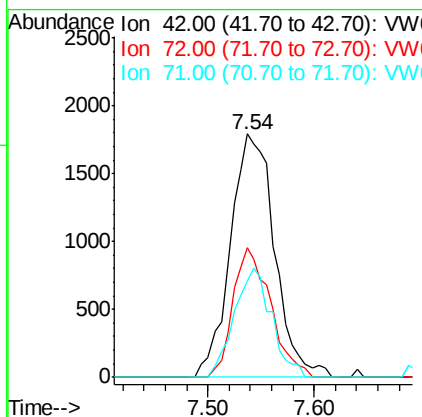
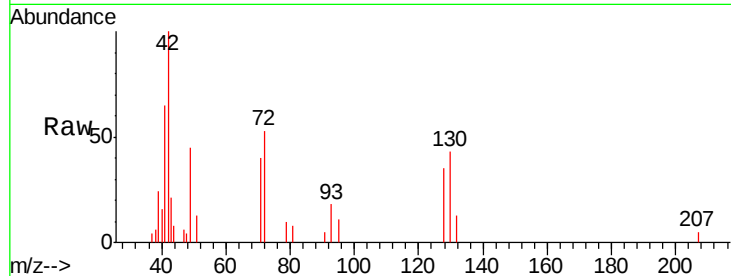
#29
Tetrahydrofuran
Concen: 37.12 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.7	53.5
71	37.9	33.7	50.5

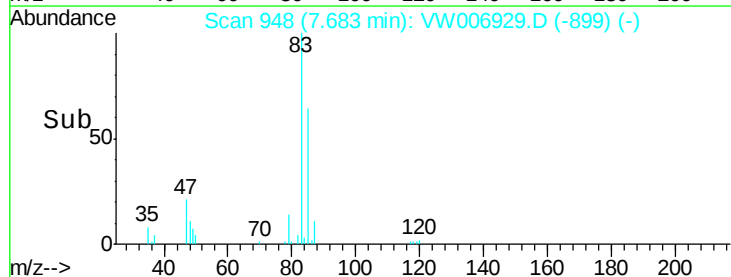
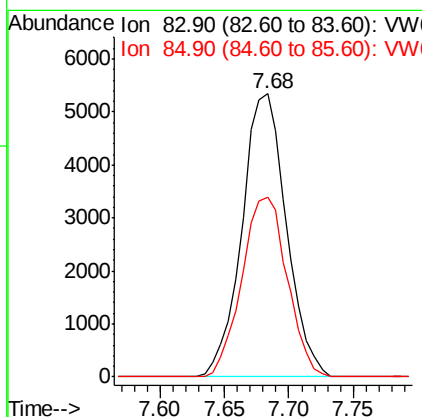
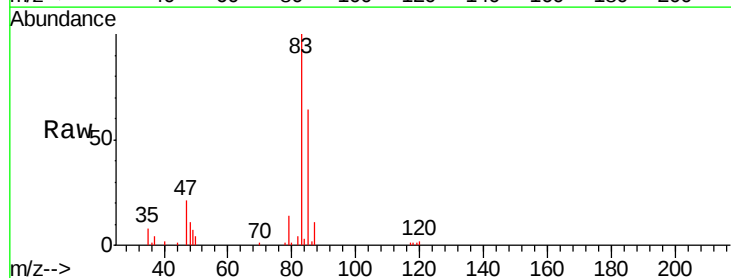
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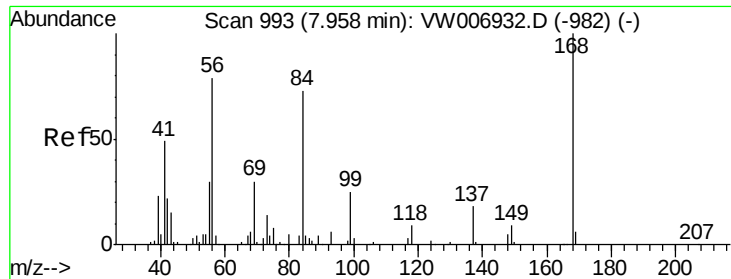
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#30
Chloroform
Concen: 7.19 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.4





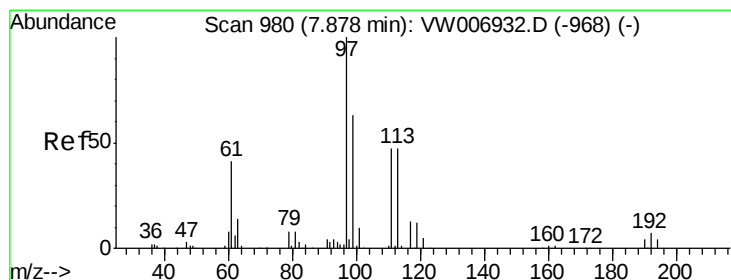
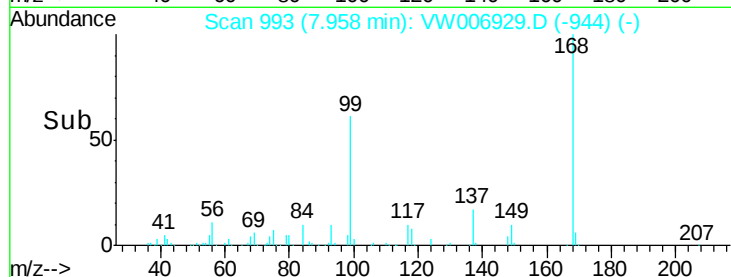
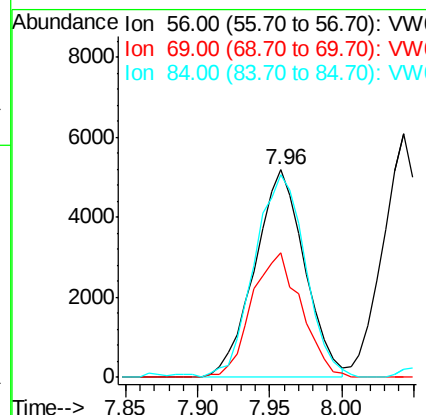
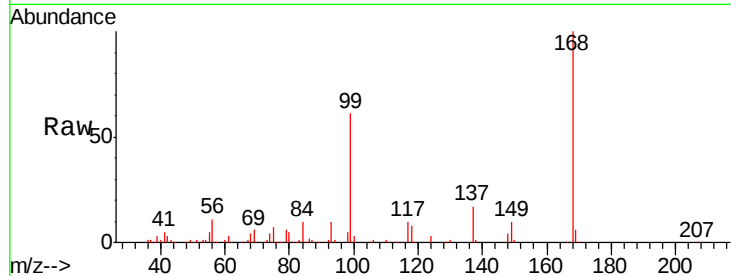
#31
Cyclohexane
Concen: 7.53 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	59.9	30.2	45.2#
84	95.9	73.6	110.4

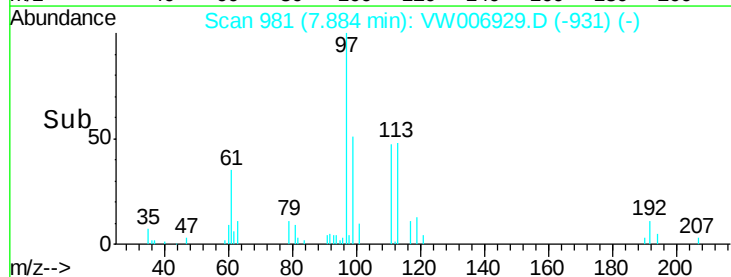
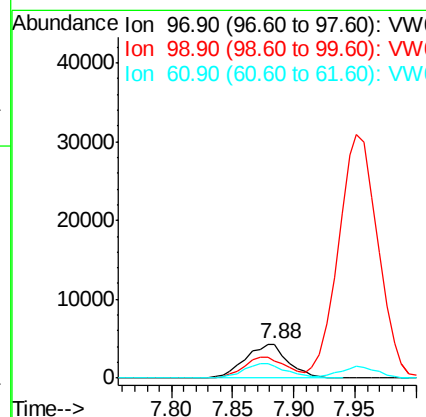
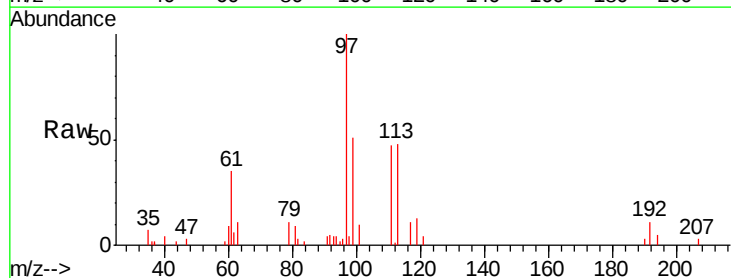
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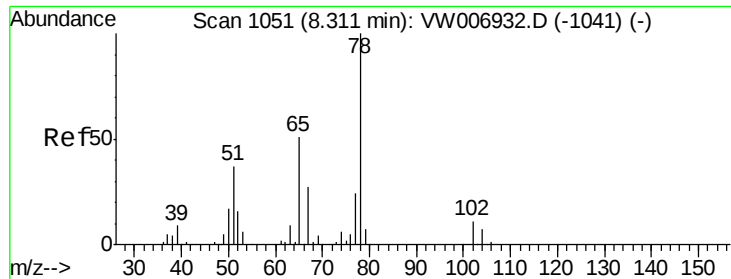
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#32
1,1,1-Trichloroethane
Concen: 6.17 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.6
61	42.4	34.2	51.2





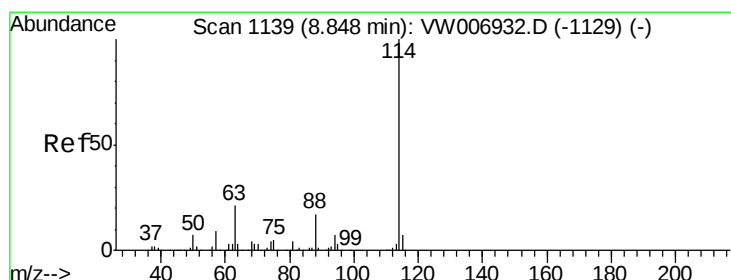
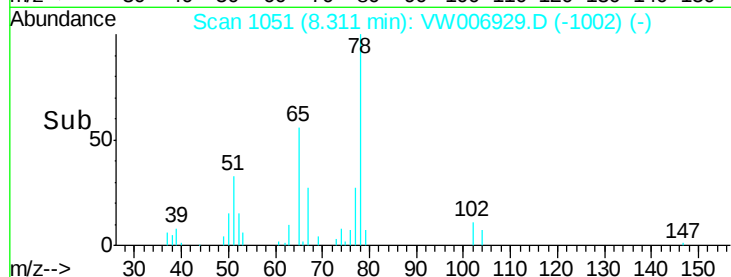
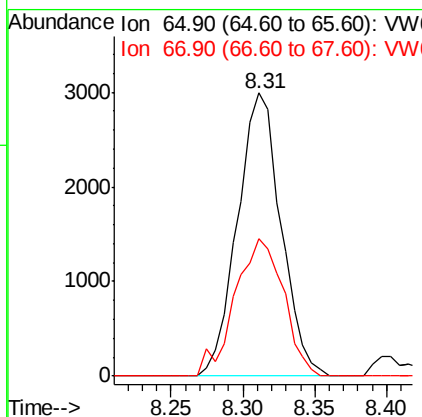
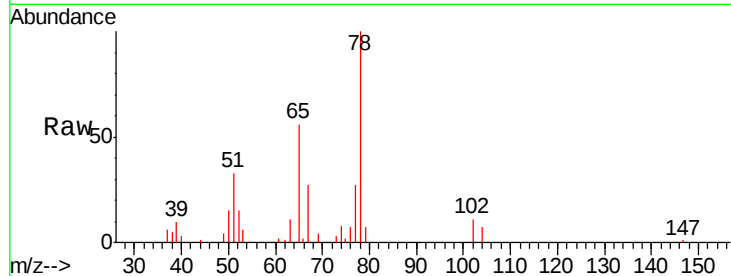
#33
 1,2-Dichloroethane-d4
 Concen: 6.95 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	6280		
67	54.2	0.0	104.0	

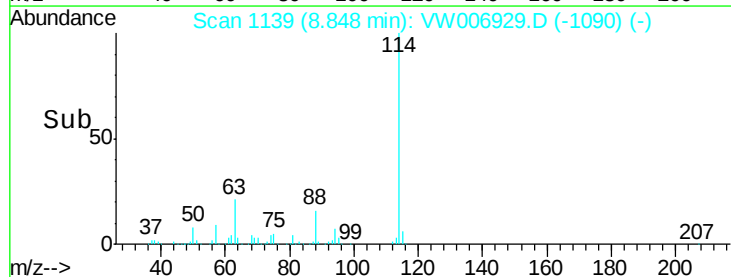
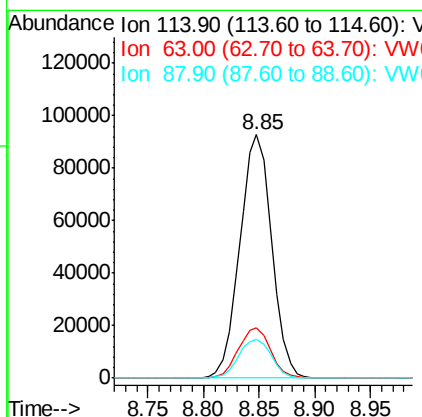
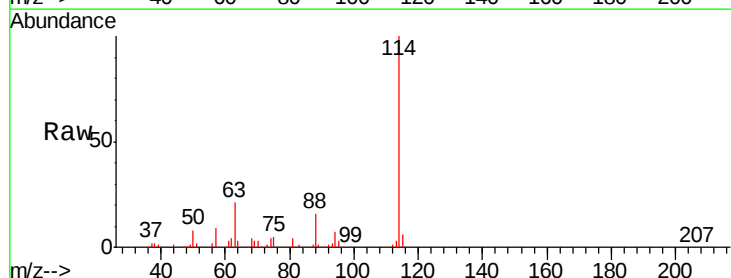
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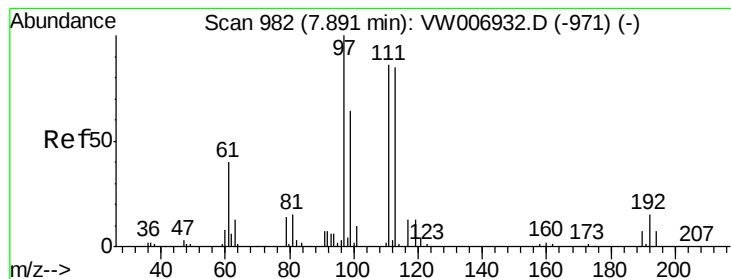
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	184239		
63	20.6	0.0	42.2	
88	15.9	0.0	33.4	





#35

Dibromofluoromethane

Concen: 4.59 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

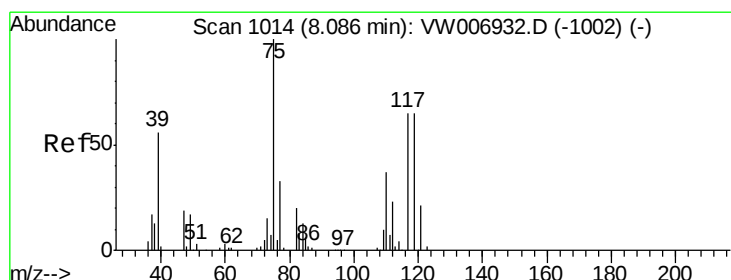
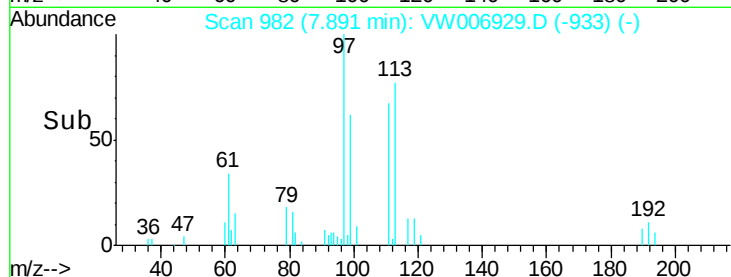
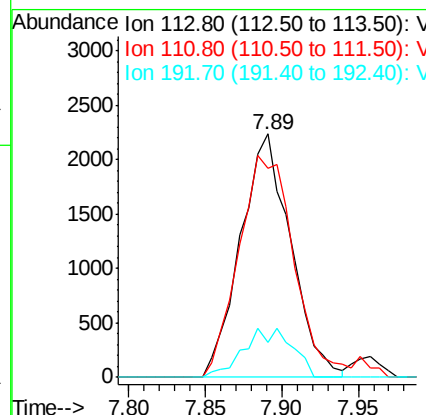
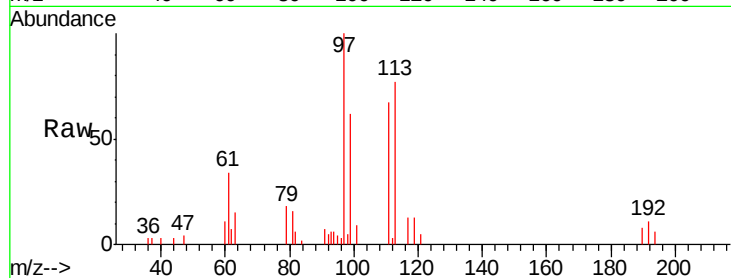
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	5096		
111	100.4		81.7	122.5
192	19.5		13.9	20.9

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#36

1,1-Dichloropropene

Concen: 5.22 ug/l

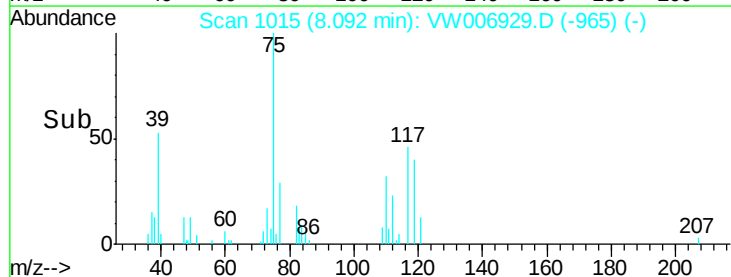
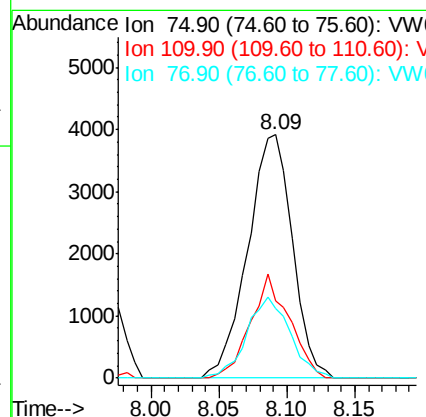
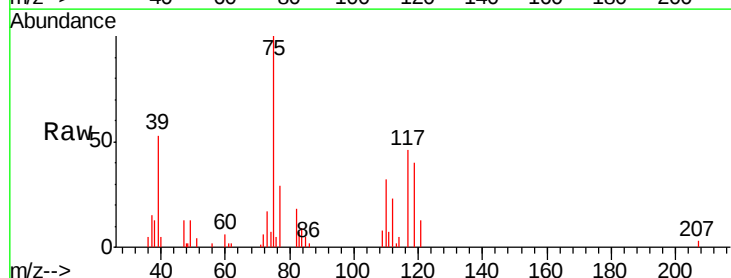
RT: 8.09 min Scan# 1015

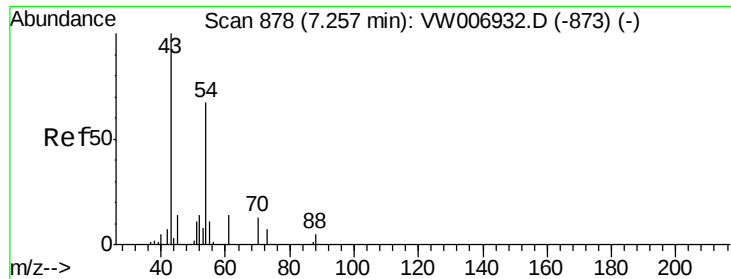
Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9014		
110	36.8		18.1	54.1
77	32.3		25.4	38.0





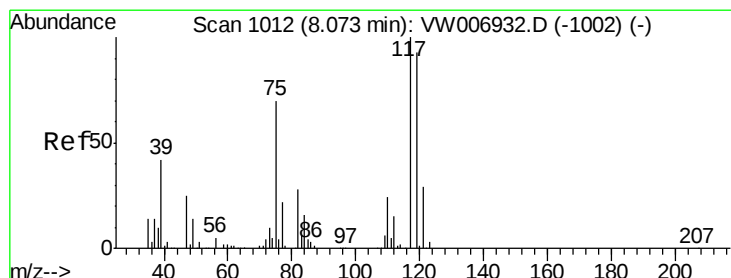
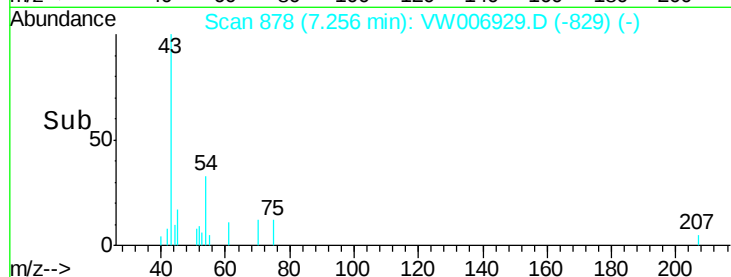
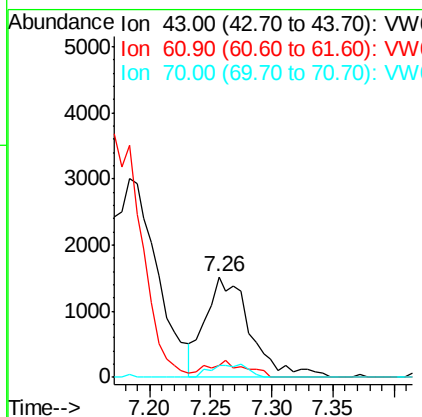
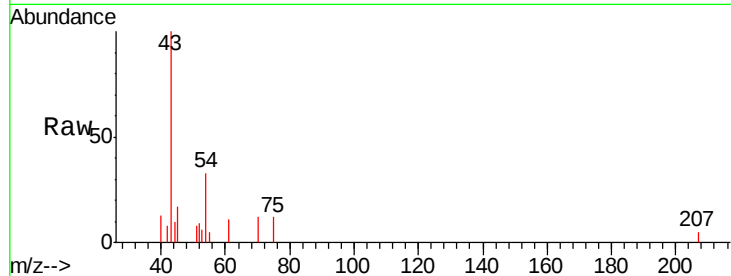
#37
Ethyl Acetate
Concen: 6.60 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	10.6	8.8	13.2

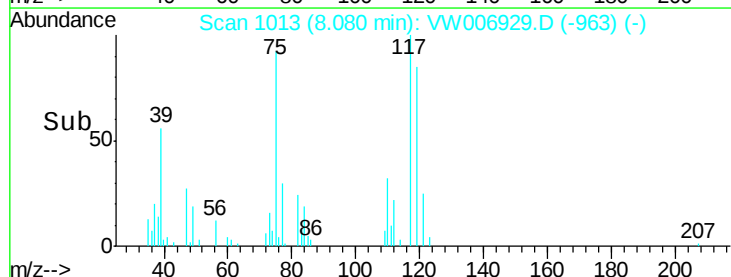
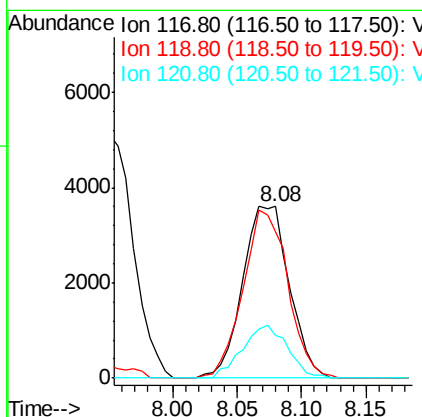
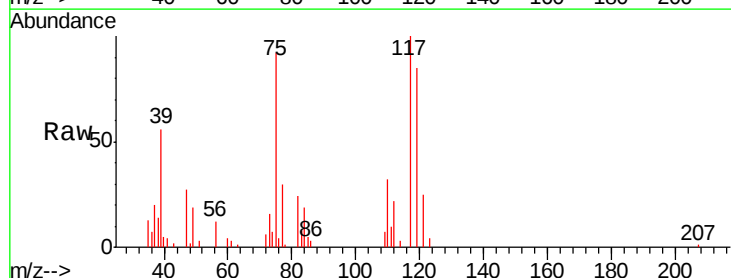
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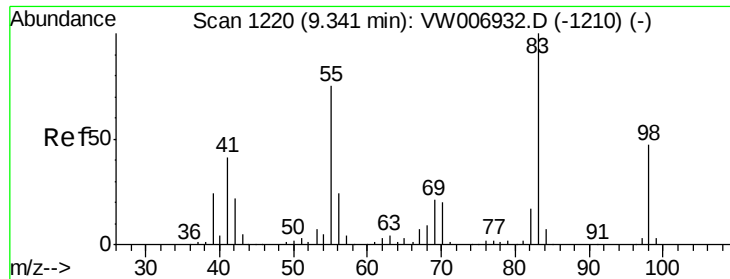
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#38
Carbon Tetrachloride
Concen: 4.92 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.2	74.2	111.4
121	24.8	23.5	35.3





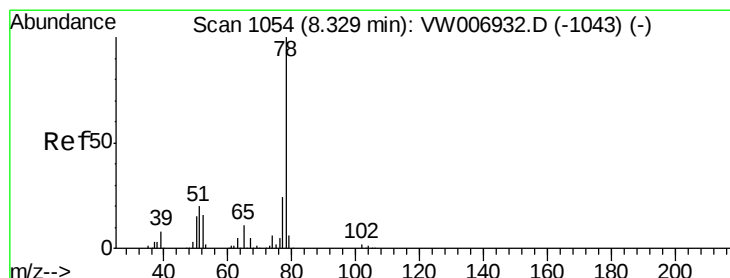
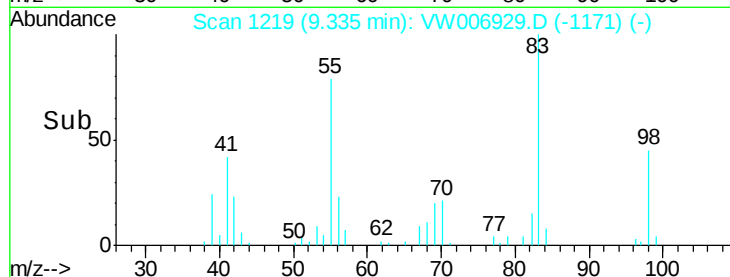
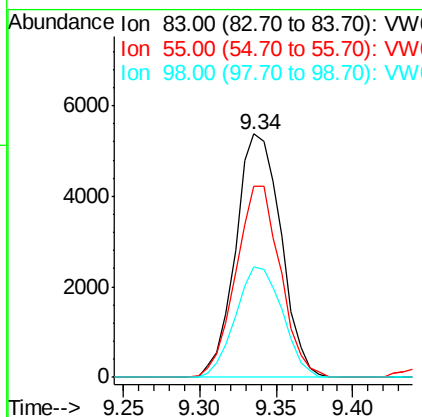
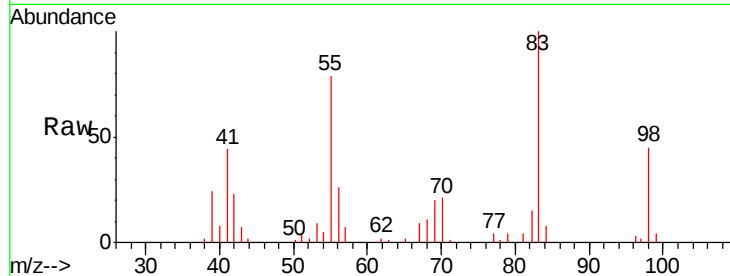
#39
Methylcyclohexane
Concen: 4.99 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.2	90.4
98	45.1	37.3	55.9

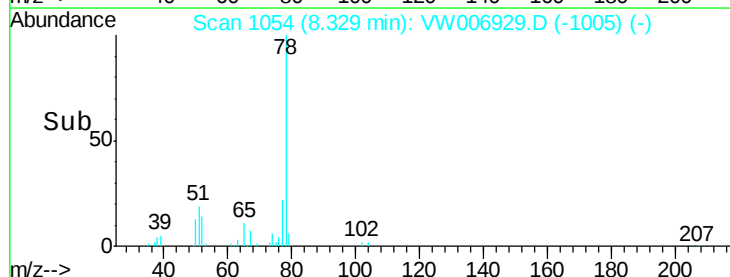
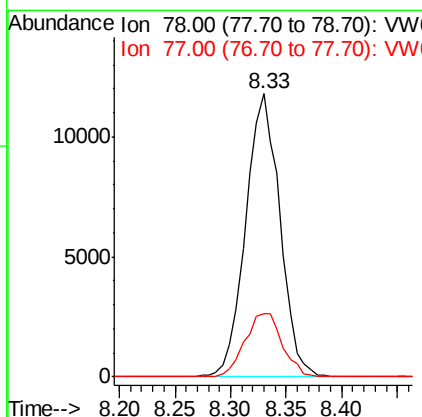
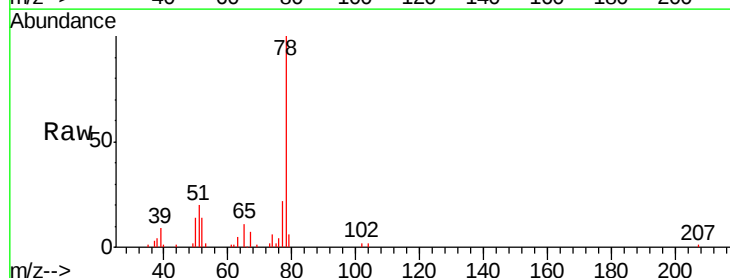
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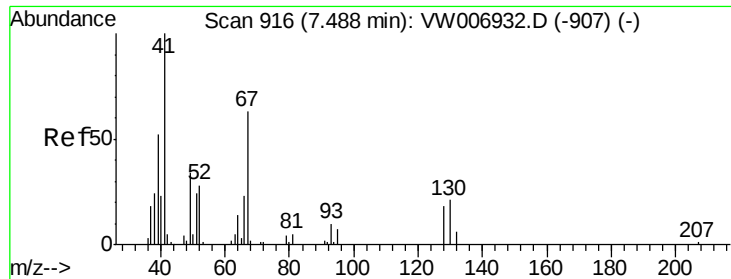
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#40
Benzene
Concen: 5.24 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.3	28.9





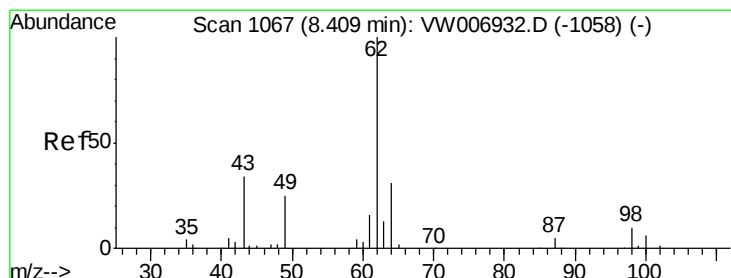
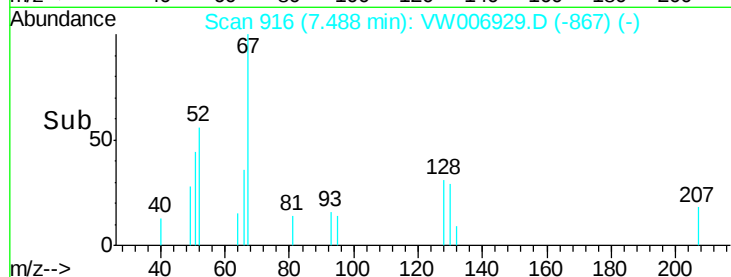
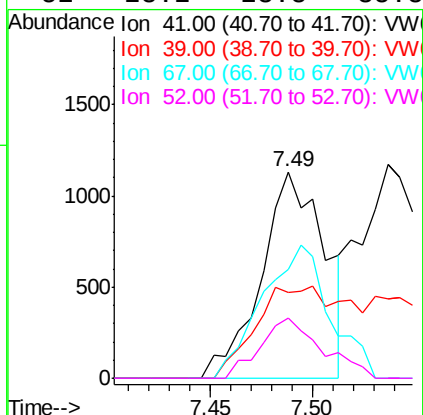
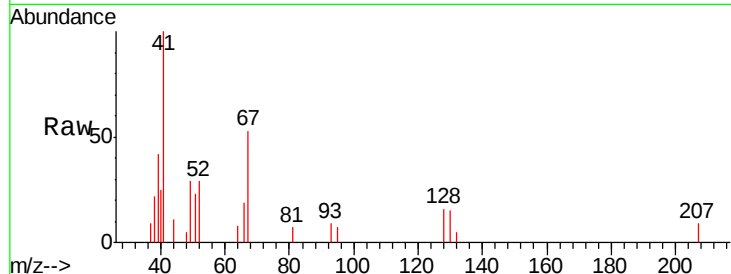
#41
Methacrylonitrile
Concen: 6.77 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	41.8	62.6#
67	68.6	54.7	82.1
52	28.2	23.8	35.8

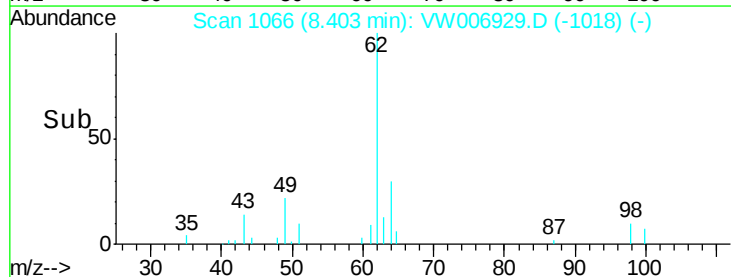
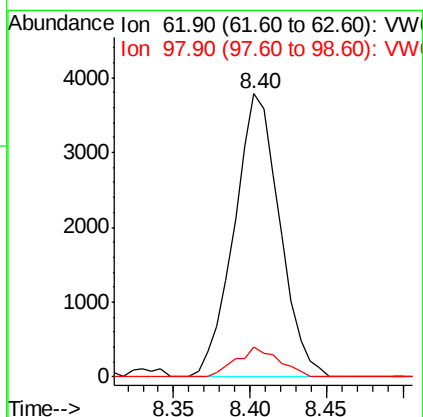
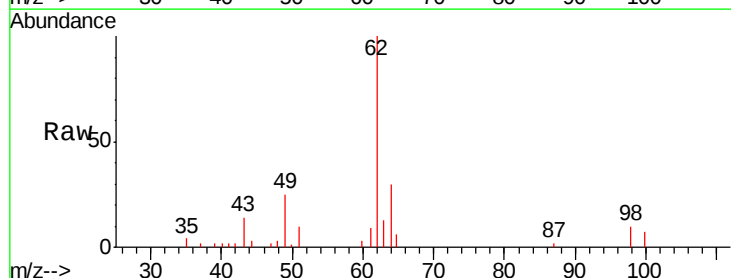
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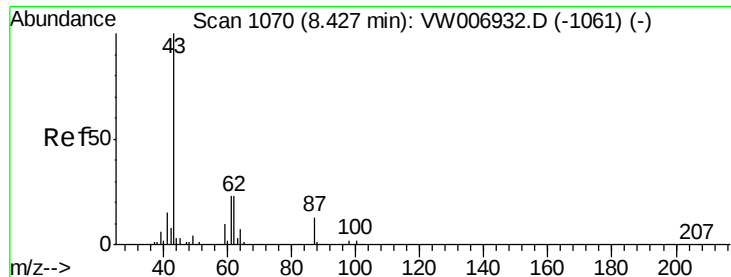
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#42
1,2-Dichloroethane
Concen: 5.96 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 6.18 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

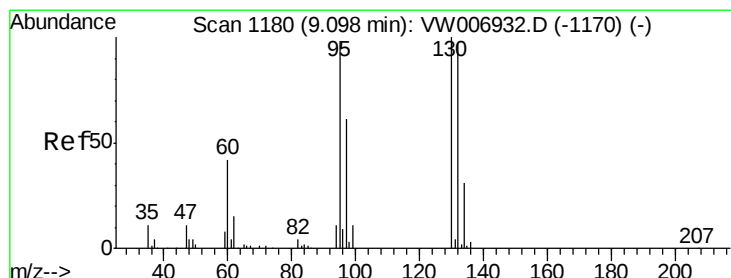
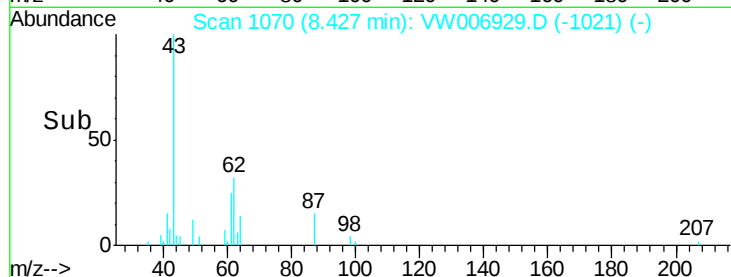
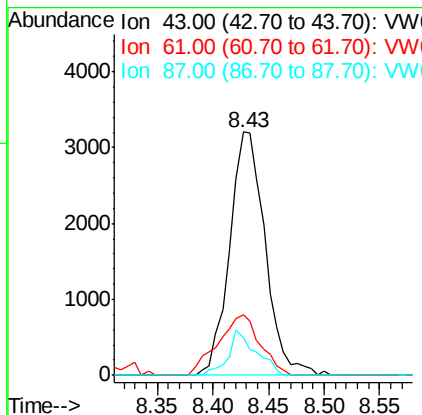
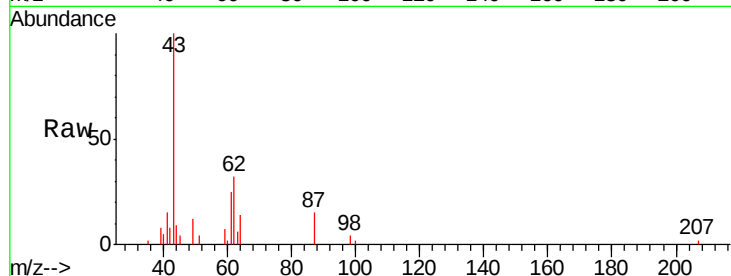
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	7092
Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.6	37.0
87	14.4	11.0	16.6

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#44

Trichloroethene

Concen: 4.60 ug/l

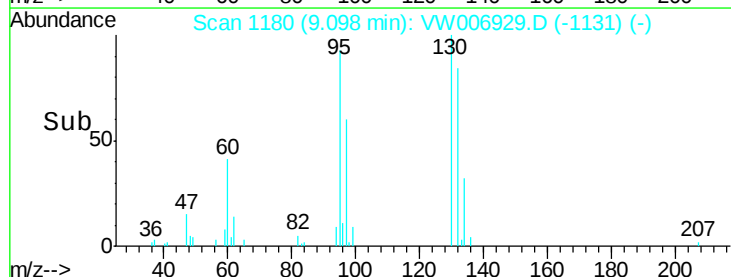
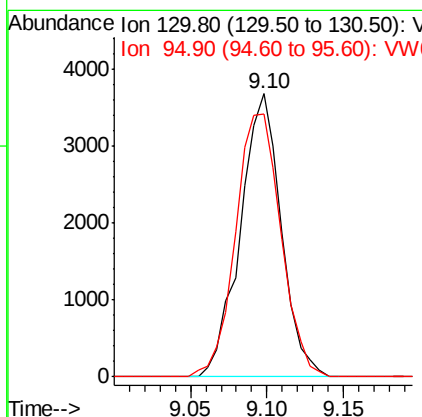
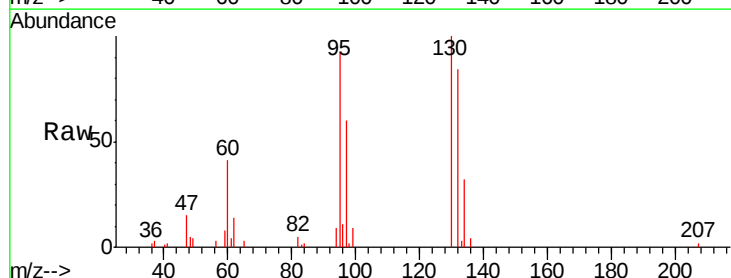
RT: 9.10 min Scan# 1180

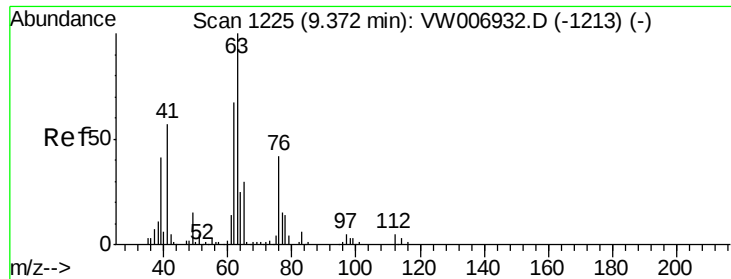
Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	130	Resp:	6829
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 5.78 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 6576

Ion Ratio Lower Upper

63 100

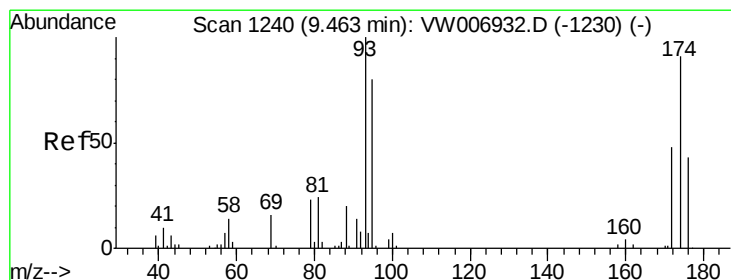
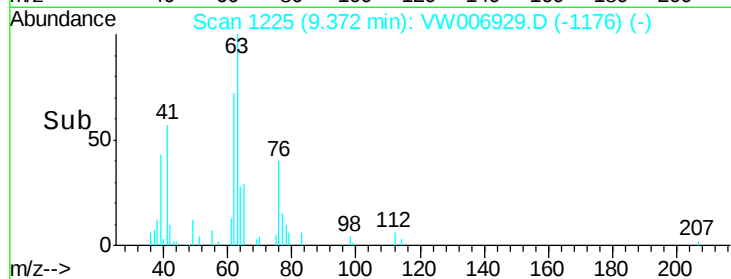
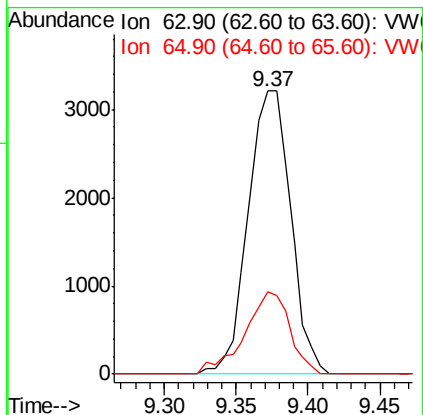
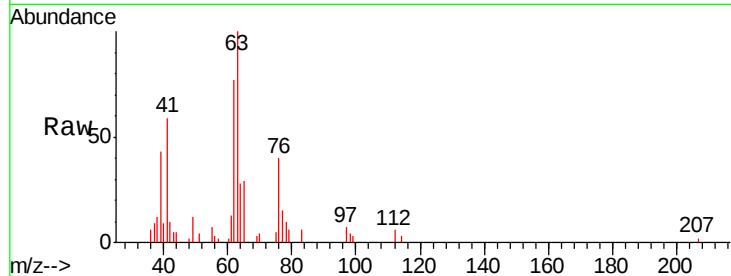
65 28.9 23.9 35.9

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#46

Dibromomethane

Concen: 5.33 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

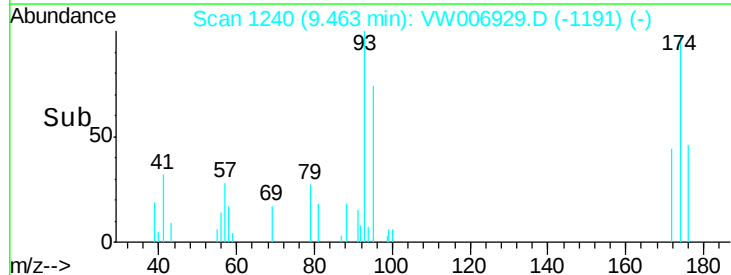
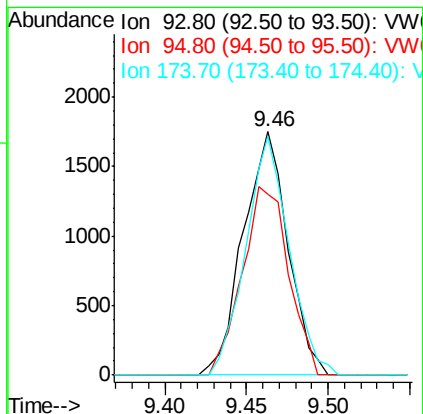
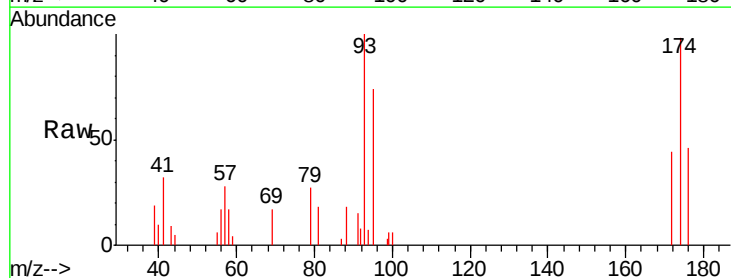
Tgt Ion: 93 Resp: 3322

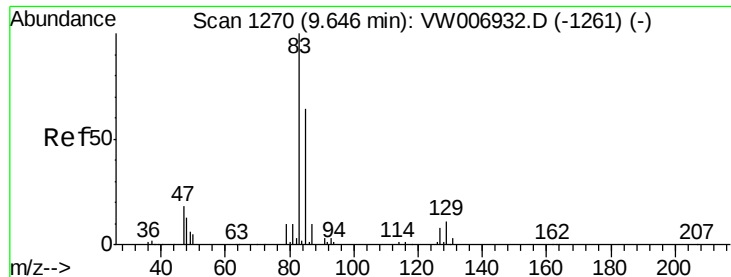
Ion Ratio Lower Upper

93 100

95 80.7 65.7 98.5

174 95.1 75.0 112.4





#47

Bromodichloromethane

Concen: 5.63 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

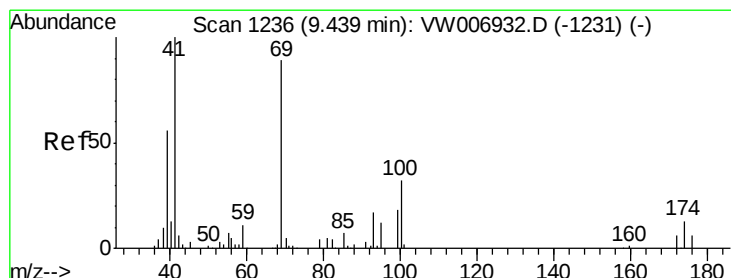
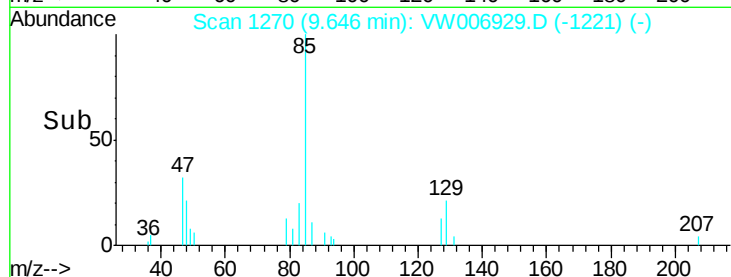
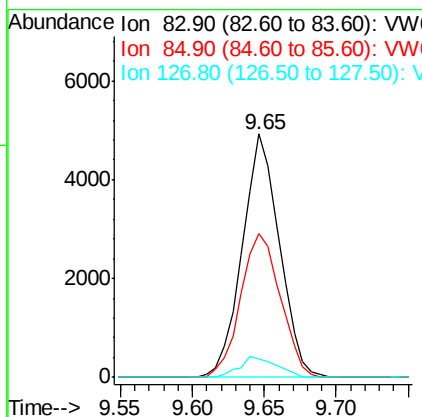
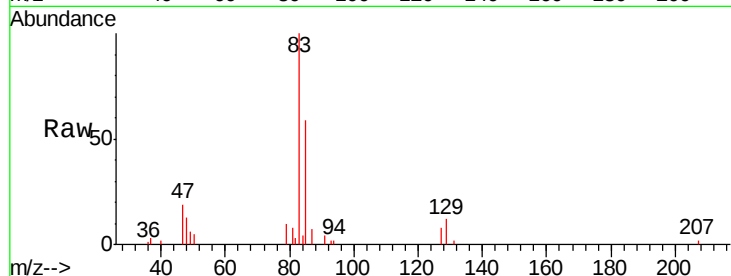
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	8770
Ion	Ratio	Lower	Upper
83	100		
85	59.0	50.8	76.2
127	7.5	6.6	10.0

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#48

Methyl methacrylate

Concen: 6.40 ug/l

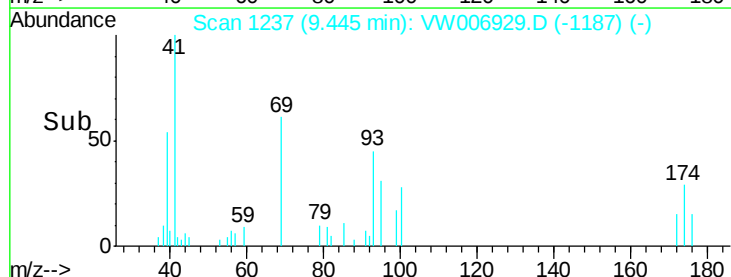
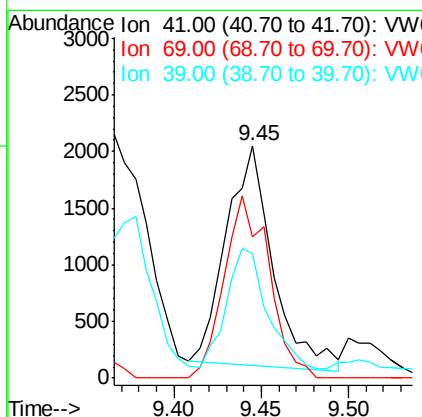
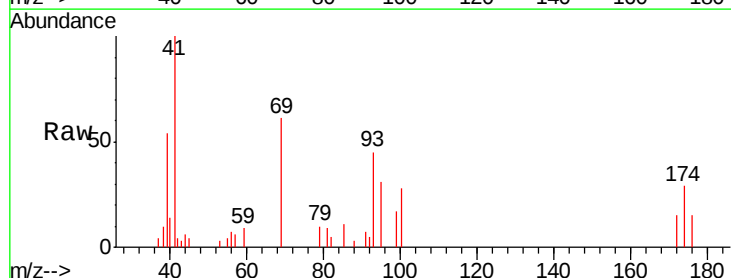
RT: 9.45 min Scan# 1237

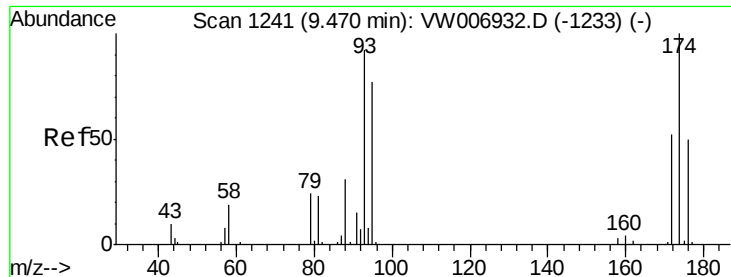
Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	41	Resp:	3576
Ion	Ratio	Lower	Upper
41	100		
69	80.0	73.4	110.0
39	50.5	46.1	69.1





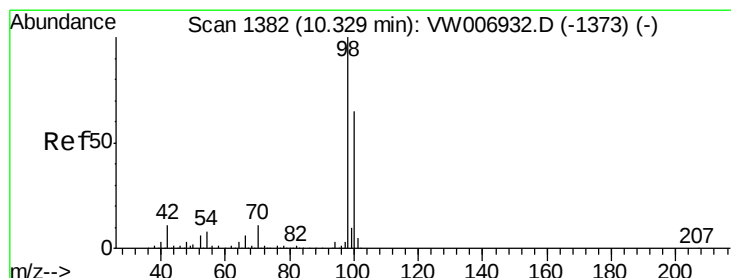
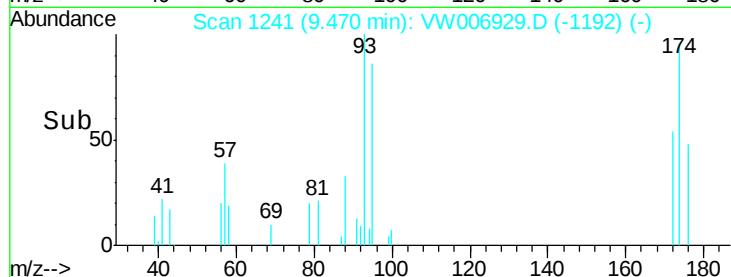
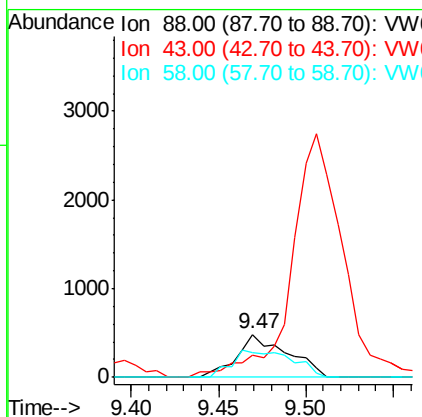
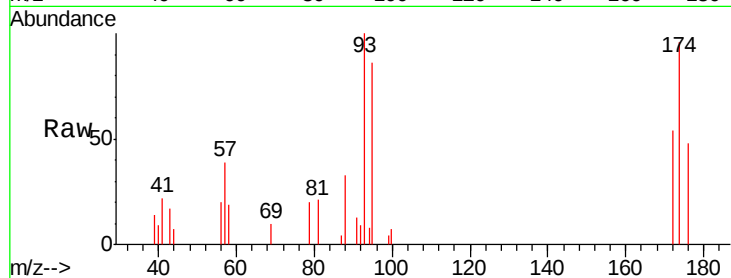
#49
1,4-Dioxane
Concen: 104.12 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.7	57.4	86.2

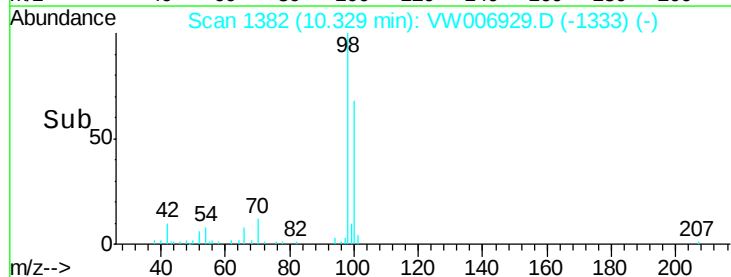
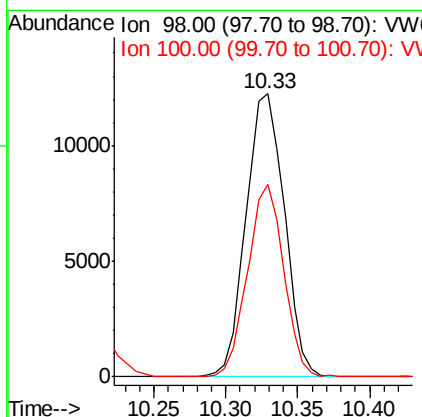
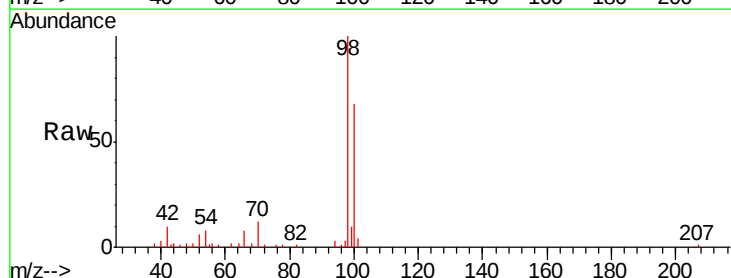
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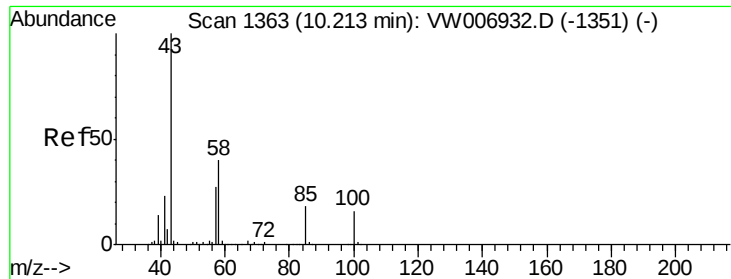
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#50
Toluene-d8
Concen: 4.87 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 33.59 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 19273

Ion Ratio Lower Upper

43 100

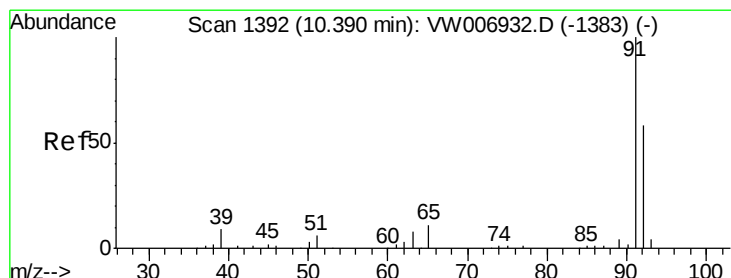
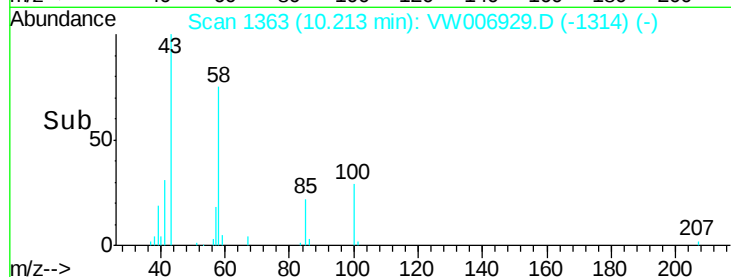
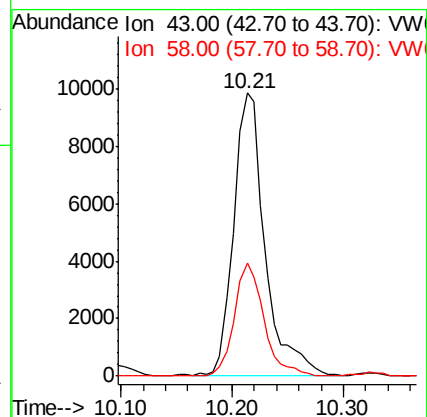
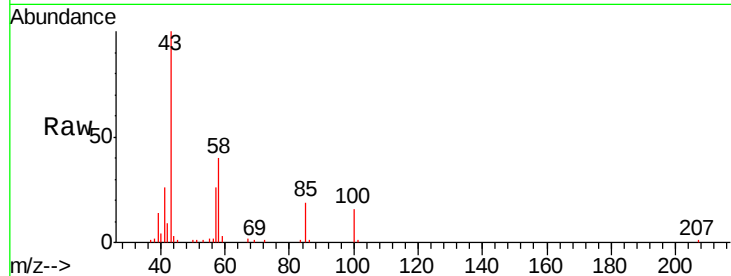
58 37.5 31.0 46.4

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#52

Toluene

Concen: 4.96 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006929.D

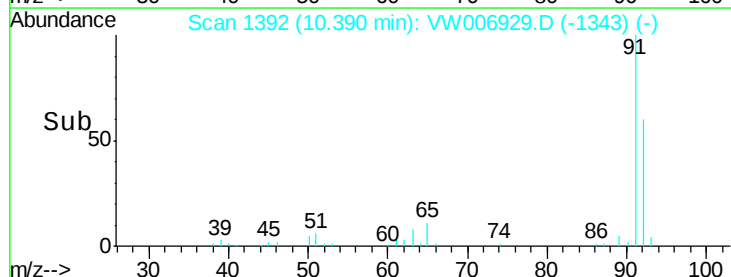
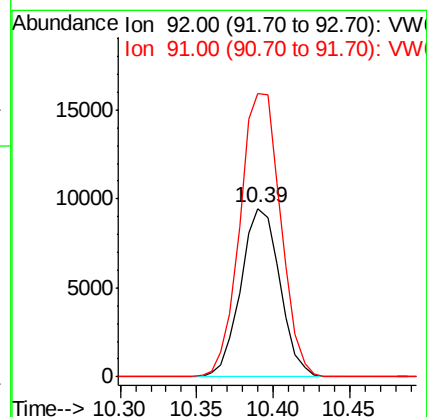
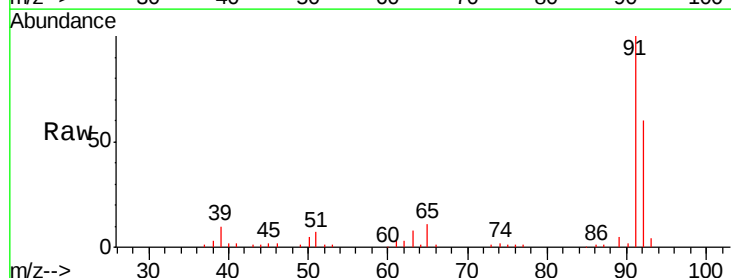
Acq: 16 Nov 2018 22:53

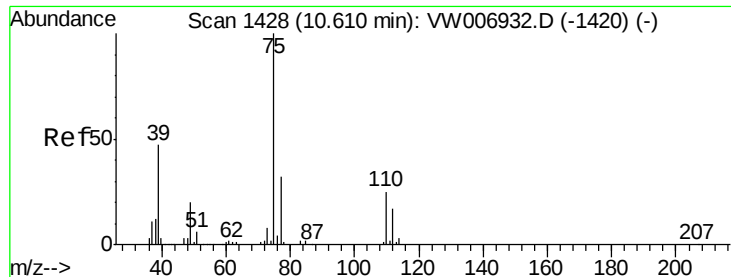
Tgt Ion: 92 Resp: 16784

Ion Ratio Lower Upper

92 100

91 175.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 5.10 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 7828

Ion Ratio Lower Upper

75 100

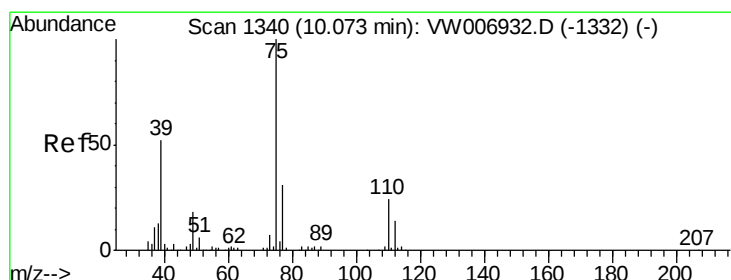
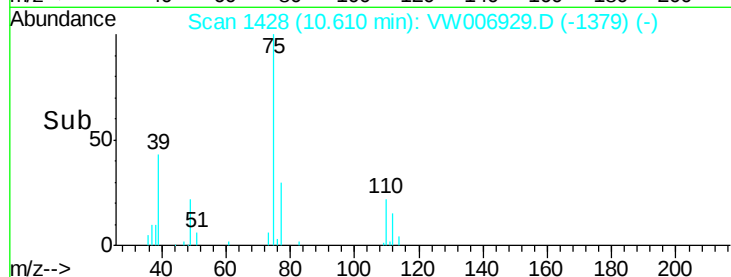
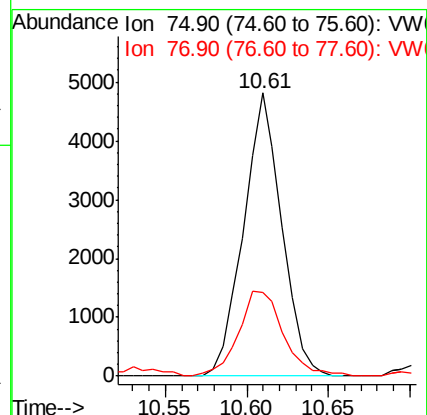
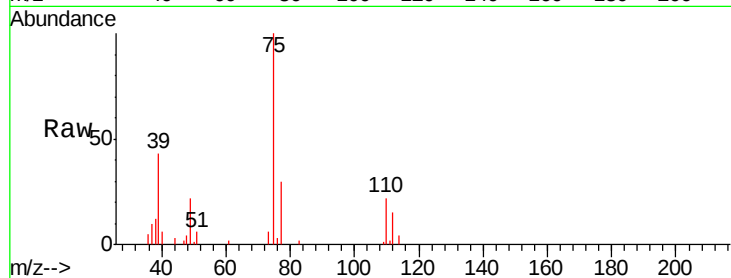
77 29.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 5.36 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

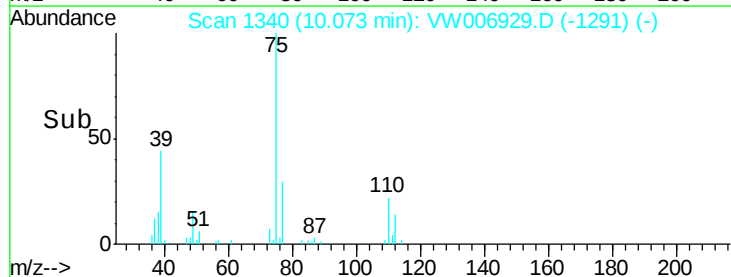
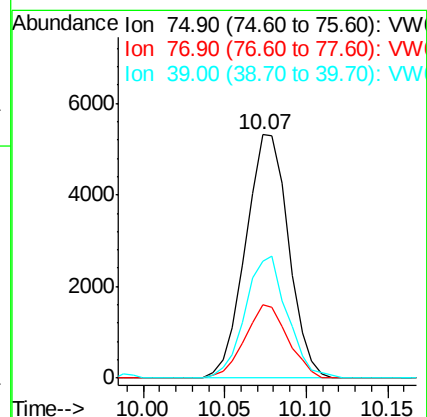
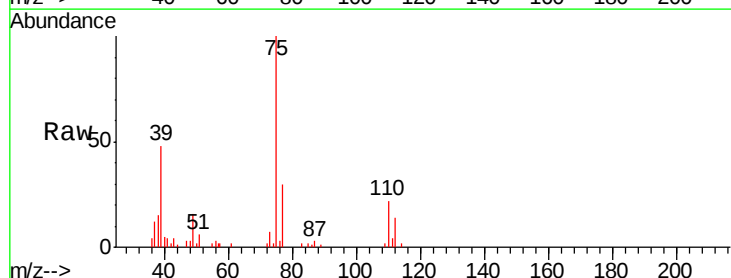
Tgt Ion: 75 Resp: 9761

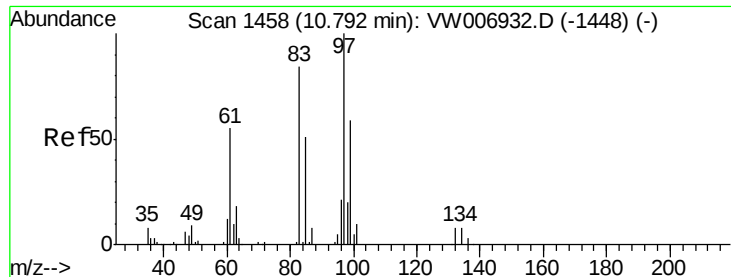
Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

39 48.0 41.4 62.2





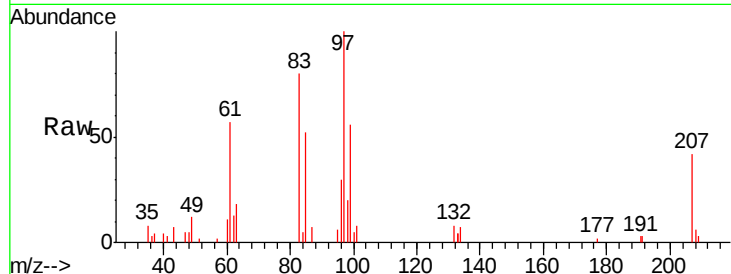
#55
 1,1,2-Trichloroethane
 Concen: 5.36 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

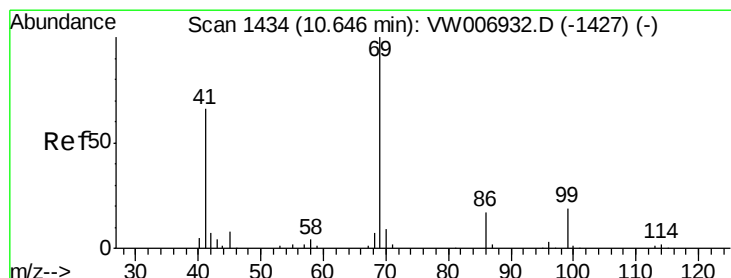
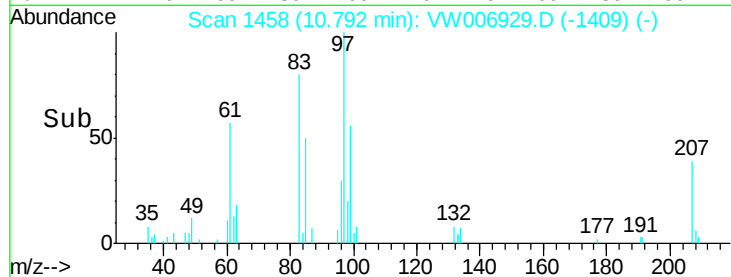
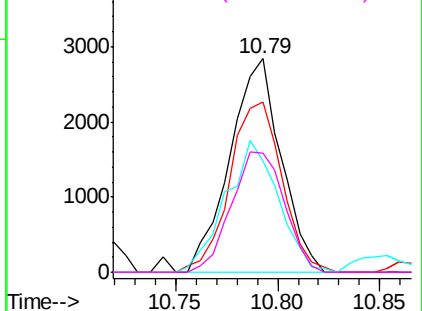
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.5	101.3
85	52.3	41.0	61.6
99	55.5	47.4	71.2

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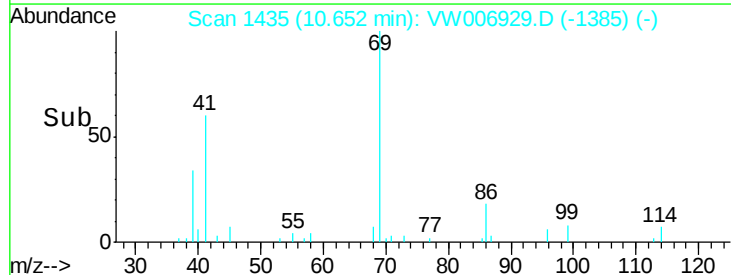
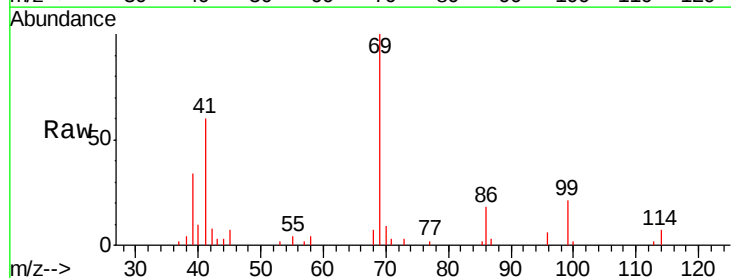
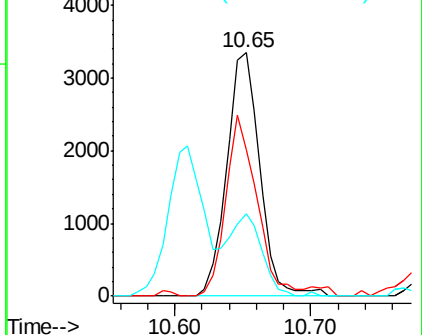
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

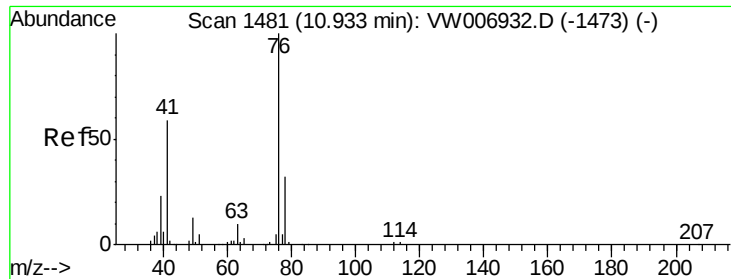


#56
 Ethyl methacrylate
 Concen: 5.46 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.0	53.8	80.6
39	32.0	29.0	43.6

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: 5.43 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 8048

Ion Ratio Lower Upper

76 100

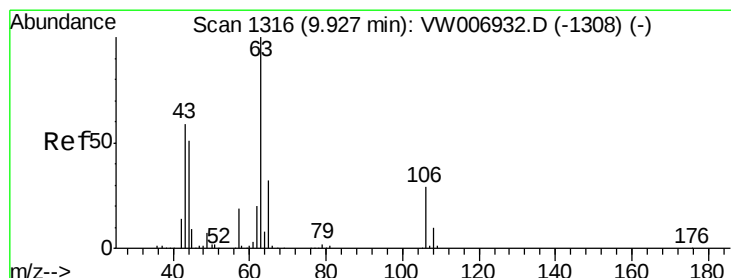
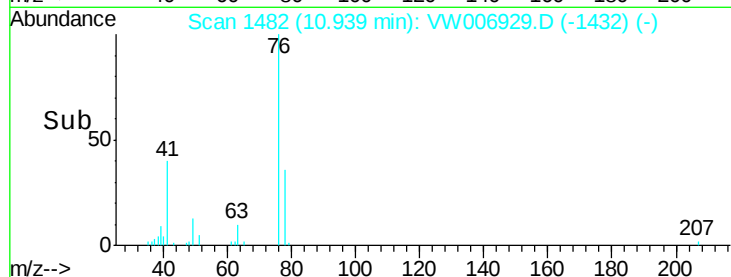
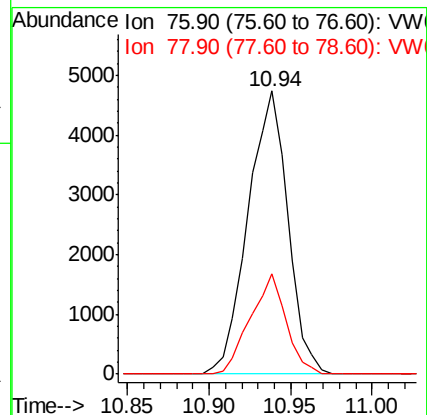
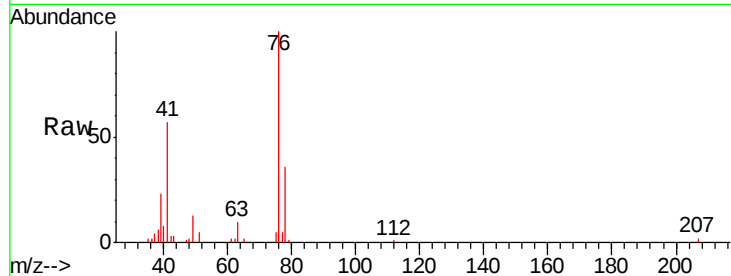
78 31.9 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 29.59 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006929.D

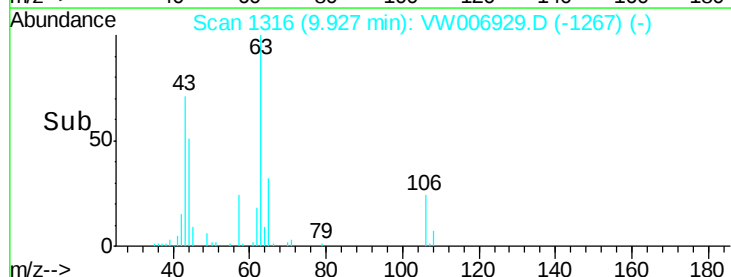
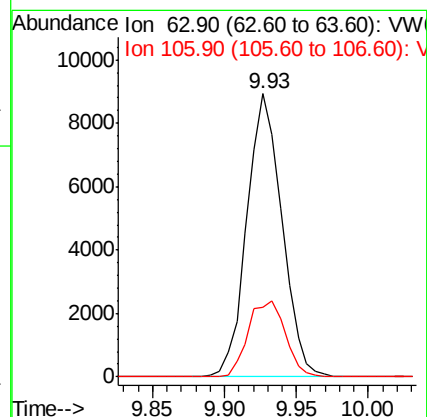
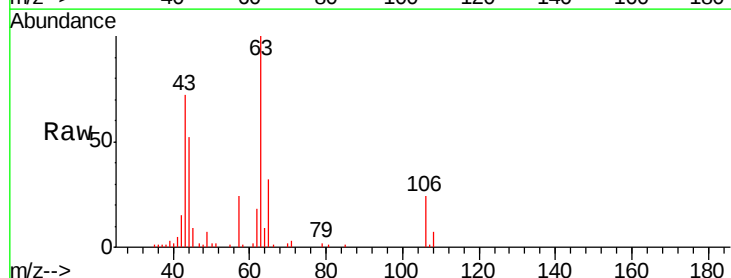
Acq: 16 Nov 2018 22:53

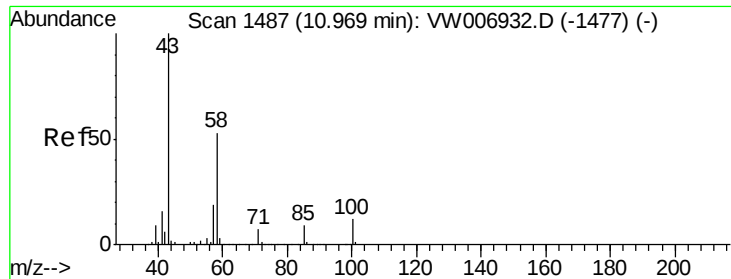
Tgt Ion: 63 Resp: 15064

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8





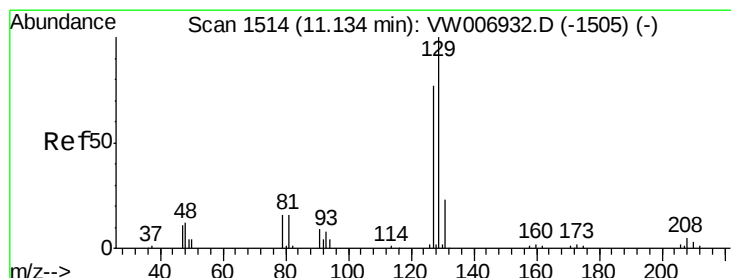
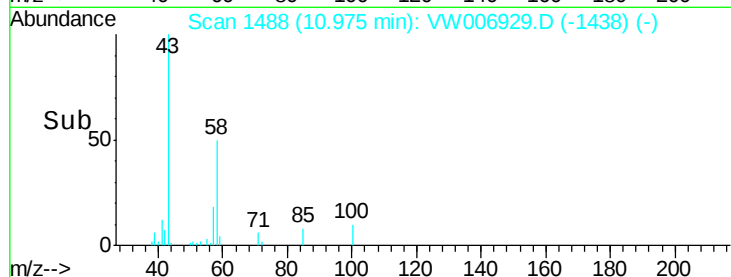
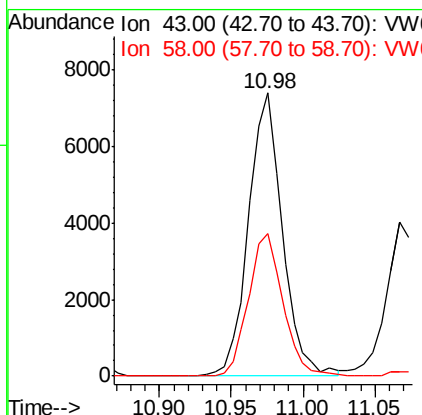
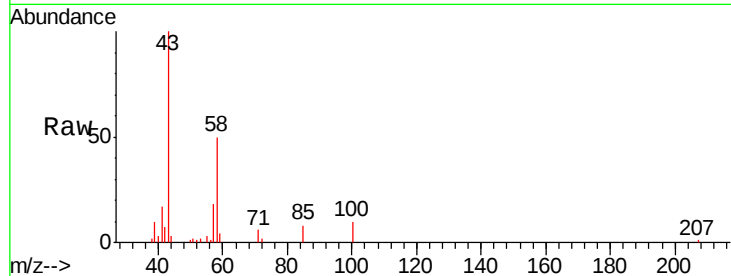
#59
2-Hexanone
Concen: 30.57 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 12030
Ion Ratio Lower Upper
43 100
58 51.3 26.8 80.4

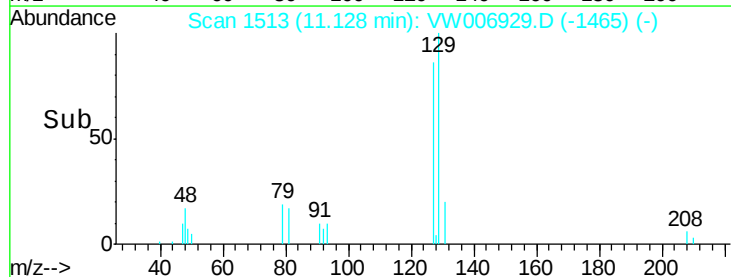
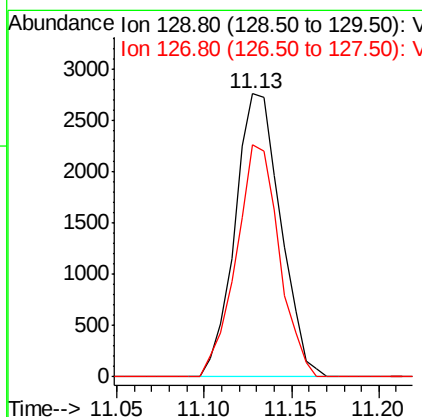
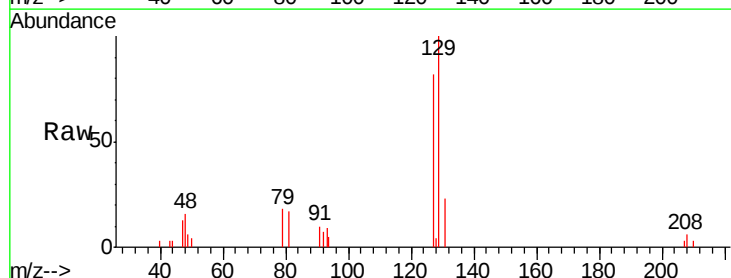
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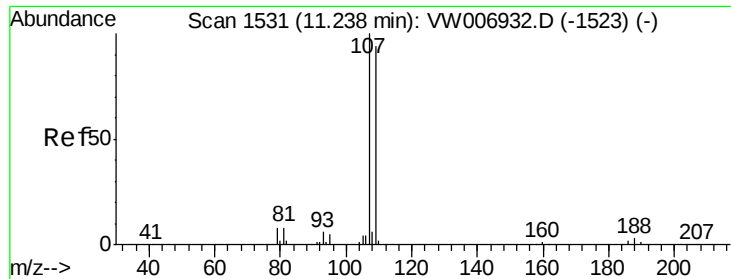
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#60
Dibromochloromethane
Concen: 4.47 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion: 129 Resp: 5005
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





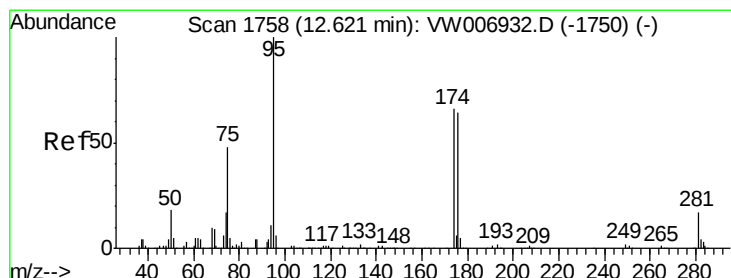
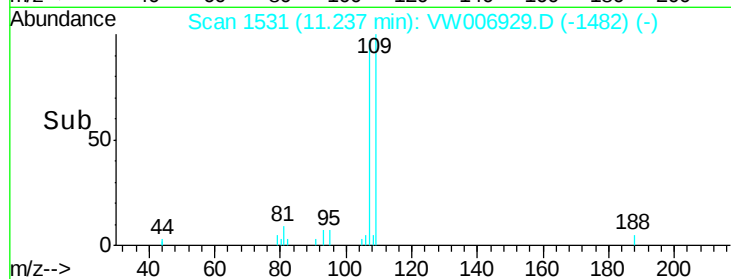
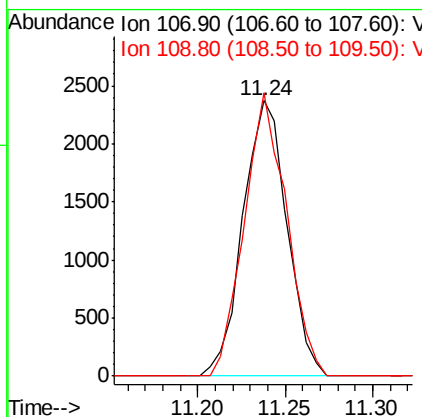
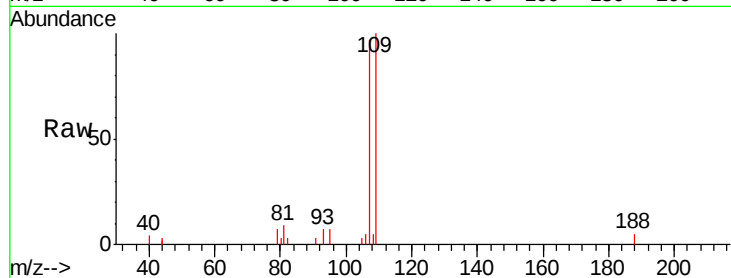
#61
 1,2-Dibromoethane
 Concen: 4.75 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 4154
 Ion Ratio Lower Upper
 107 100
 109 98.2 75.5 113.3

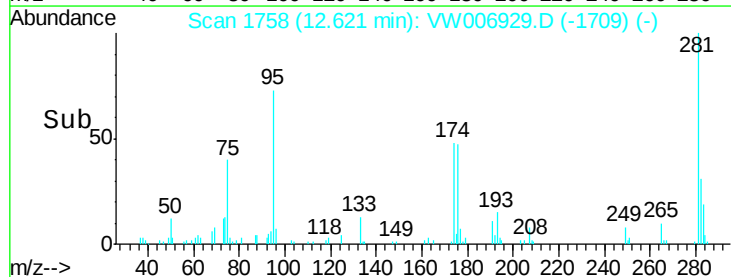
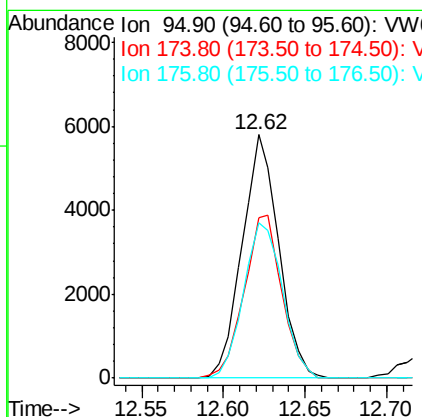
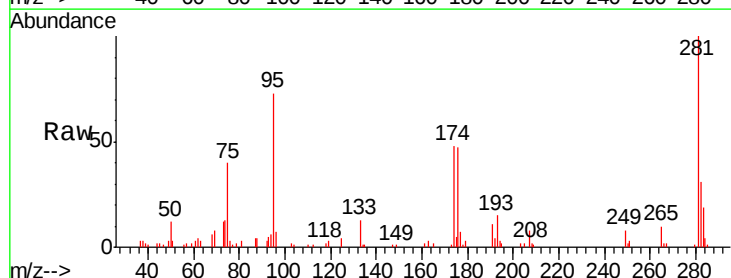
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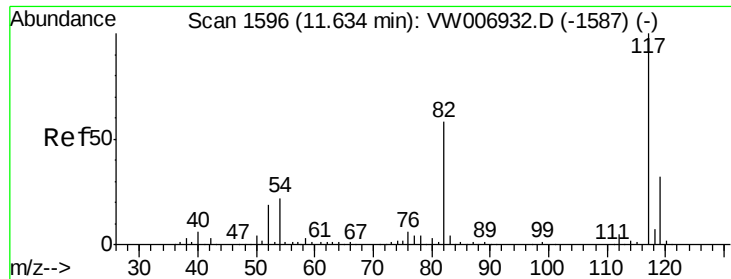
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#62
 4-Bromofluorobenzene
 Concen: 5.25 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion: 95 Resp: 9041
 Ion Ratio Lower Upper
 95 100
 174 68.8 0.0 138.4
 176 67.9 0.0 133.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

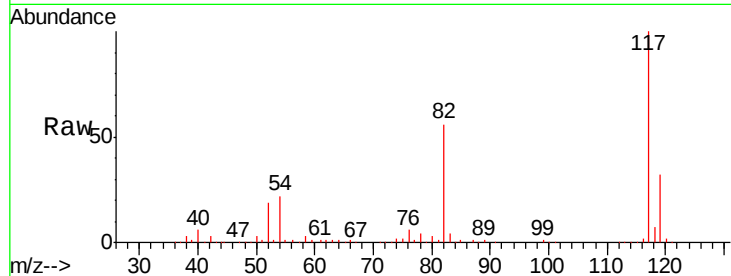
ClientSampleId :

VSTDIC005

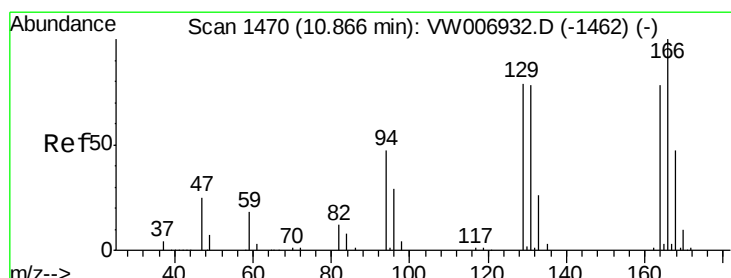
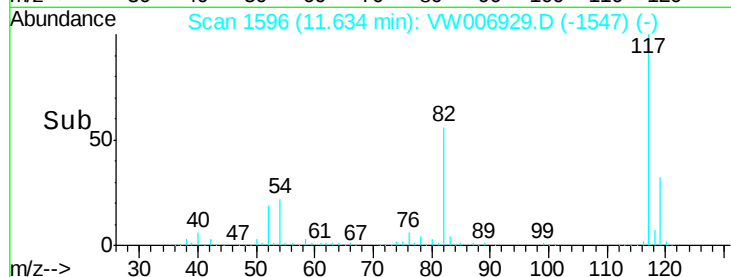
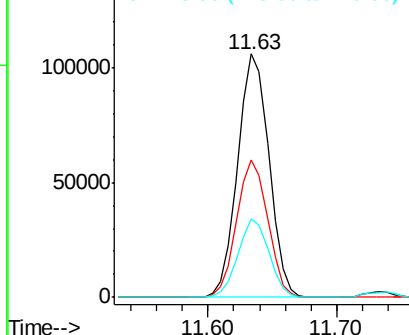
Tgt Ion:	117	Resp:	178519
Ion Ratio	Lower	Upper	
117	100		
82	56.5	46.2	69.2
119	32.0	25.5	38.3

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.26 ug/l

RT: 10.86 min Scan# 1469

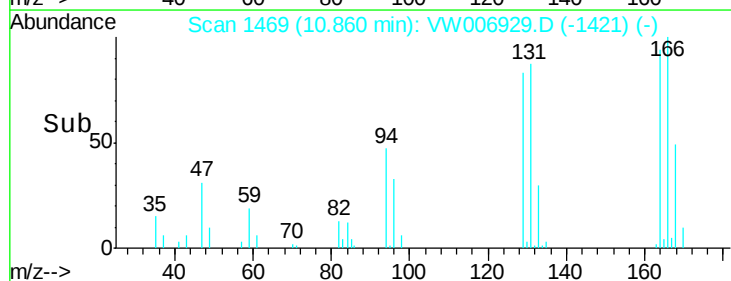
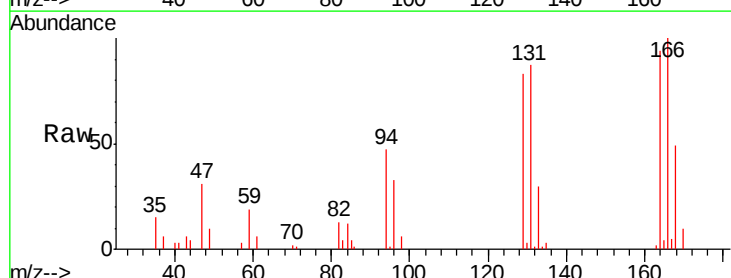
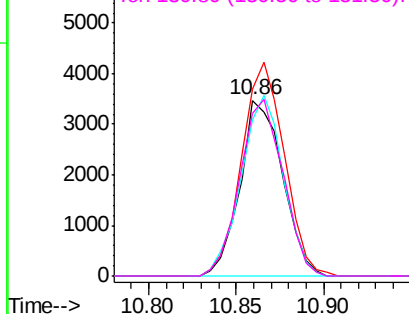
Delta R.T. -0.01 min

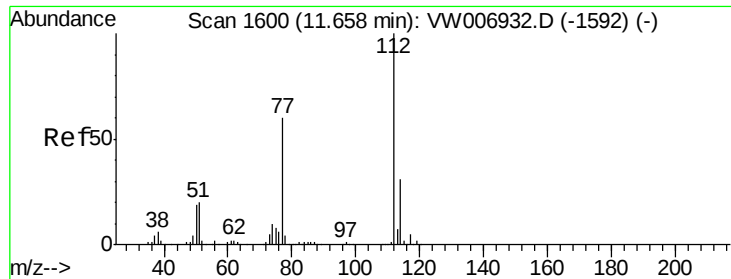
Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion:	164	Resp:	5884
Ion Ratio	Lower	Upper	
164	100		
166	106.5	102.6	154.0
129	88.5	81.0	121.4
131	92.2	80.2	120.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 4.82 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 18966

Ion Ratio Lower Upper

112 100

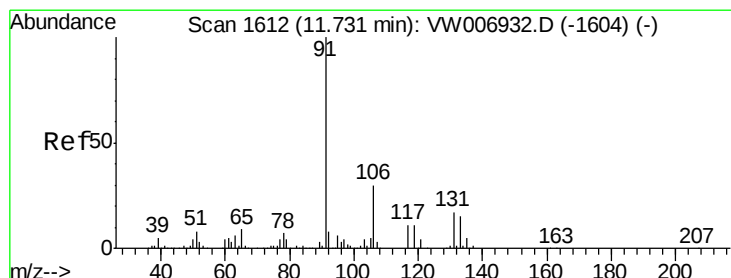
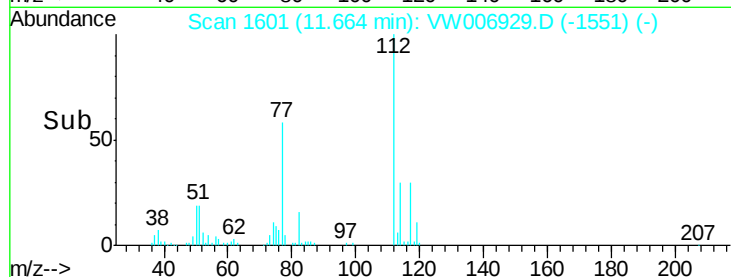
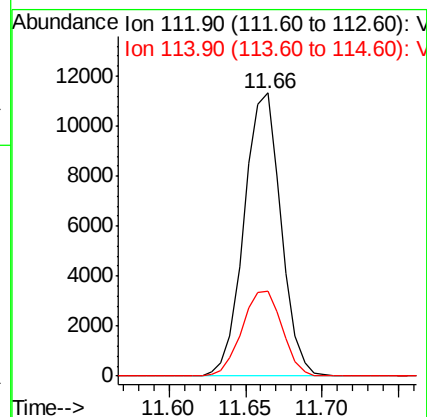
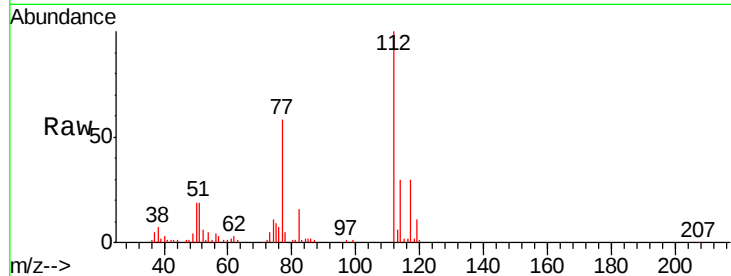
114 30.1 24.6 37.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.56 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

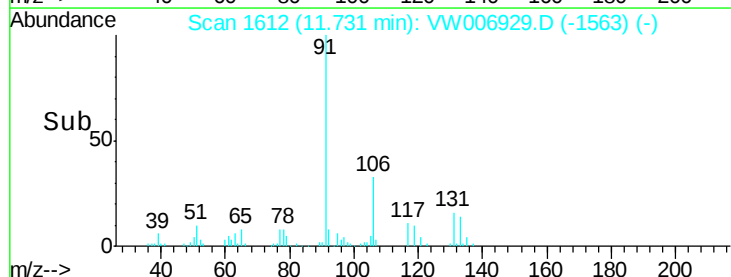
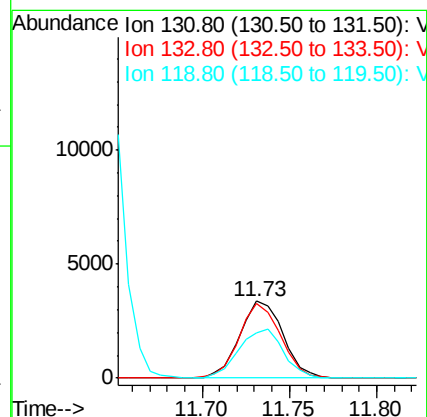
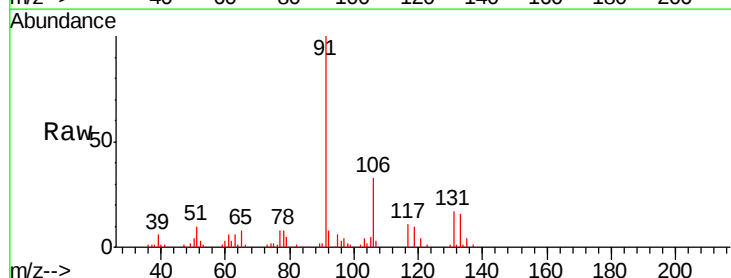
Tgt Ion:131 Resp: 5797

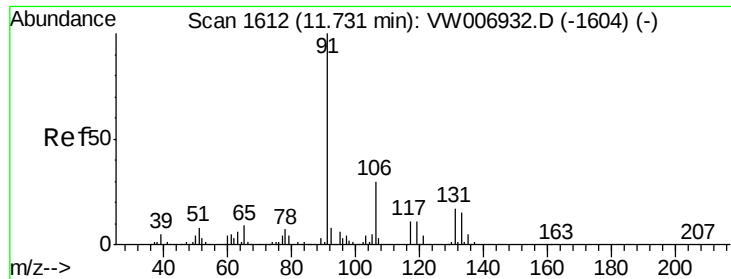
Ion Ratio Lower Upper

131 100

133 93.3 47.2 141.6

119 65.7 32.5 97.4





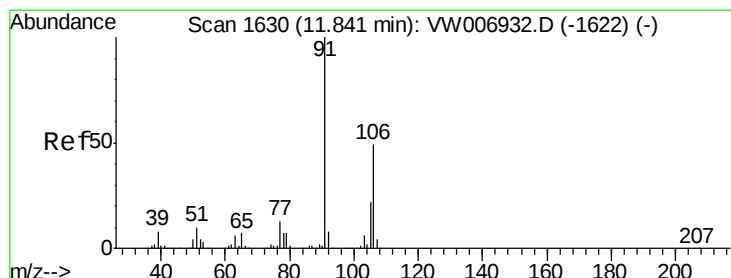
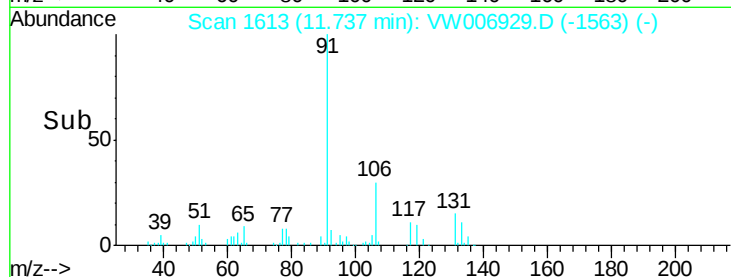
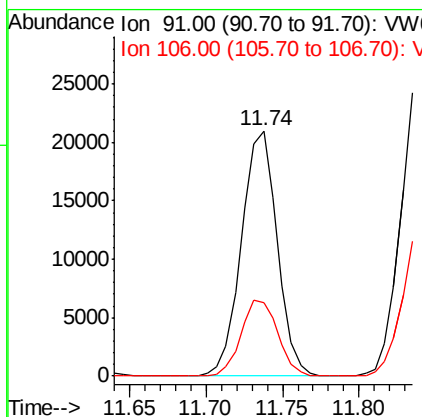
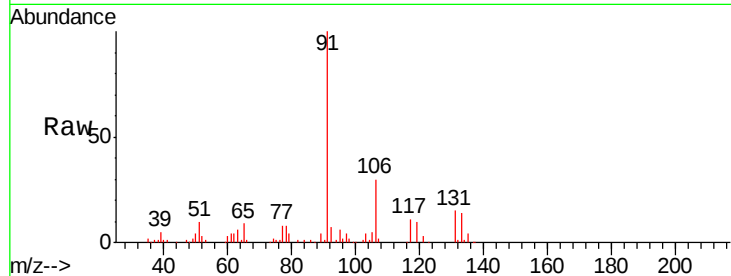
#67
Ethyl Benzene
Concen: 5.05 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34079
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0

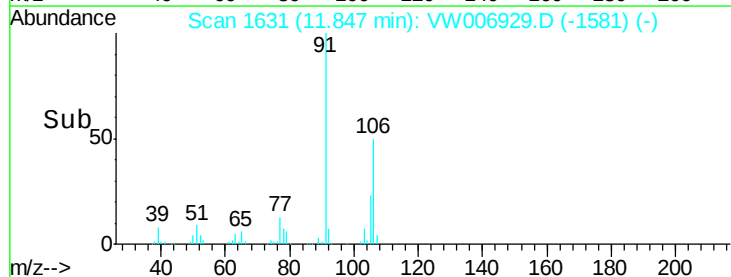
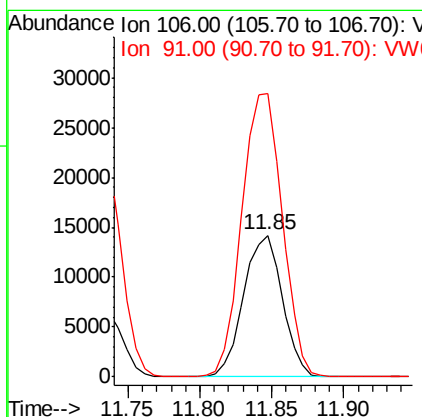
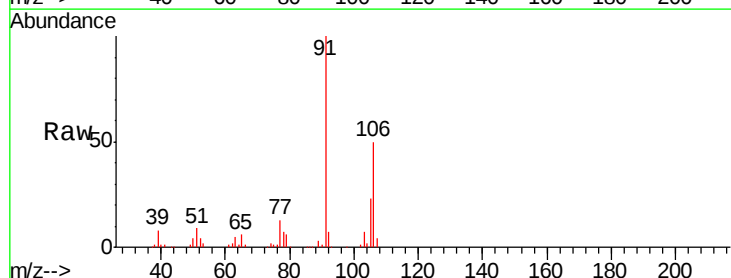
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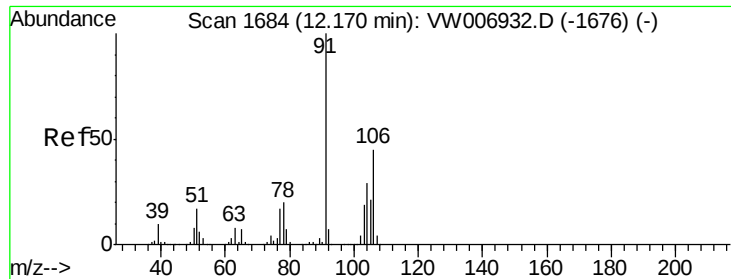
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#68
m/p-Xylenes
Concen: 9.70 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion: 106 Resp: 26531
Ion Ratio Lower Upper
106 100
91 208.8 165.0 247.4





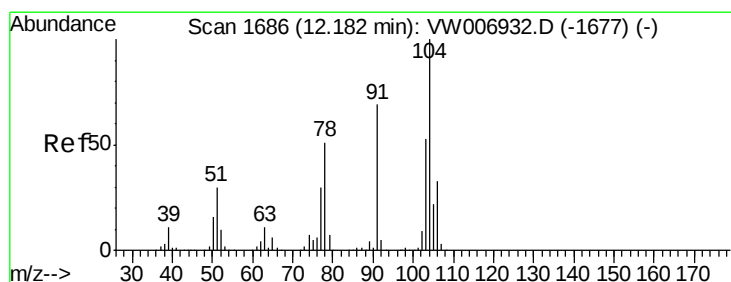
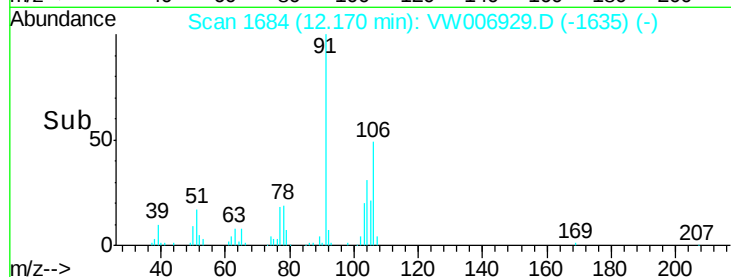
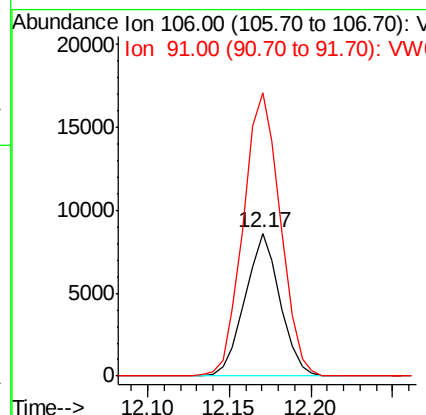
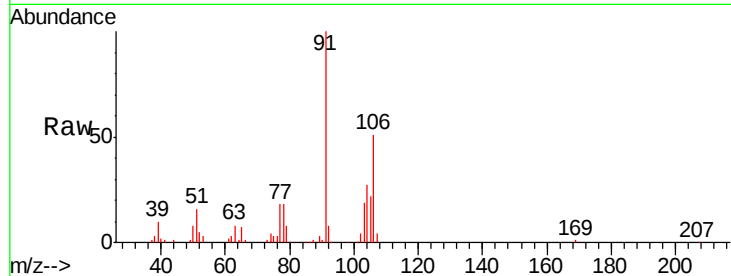
#69
o-Xylene
Concen: 5.04 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 12876
Ion Ratio Lower Upper
106 100
91 210.3 109.2 327.6

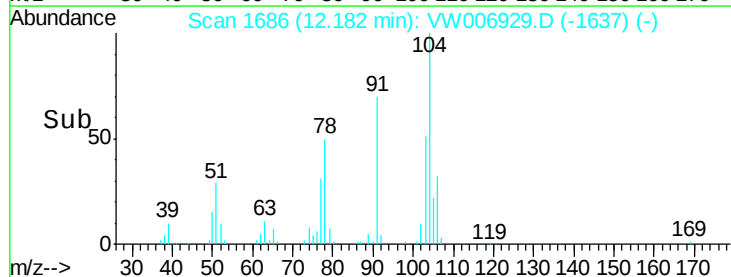
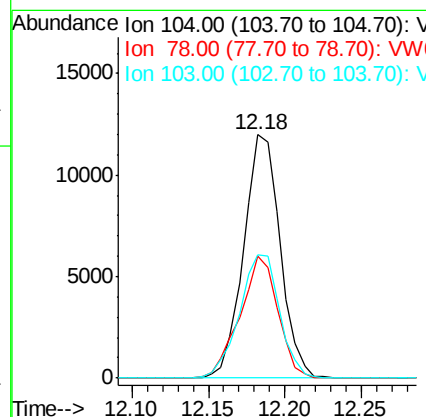
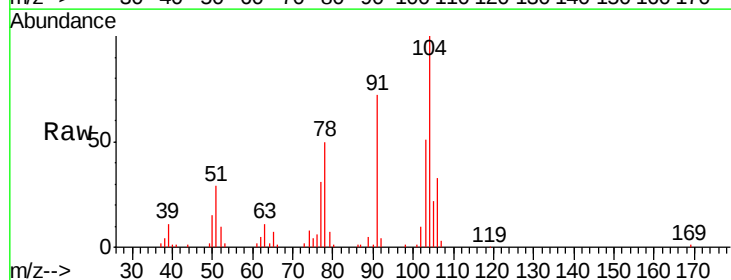
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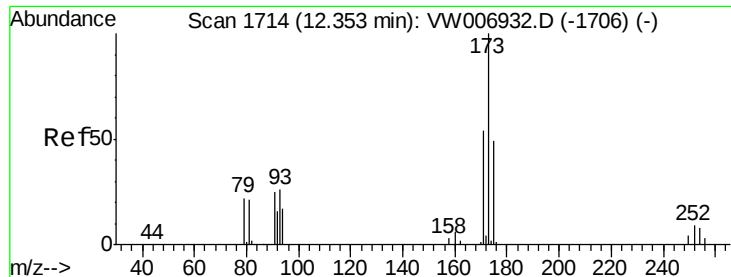
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#70
Styrene
Concen: 4.85 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion:104 Resp: 19855
Ion Ratio Lower Upper
104 100
78 51.9 42.5 63.7
103 55.8 44.3 66.5





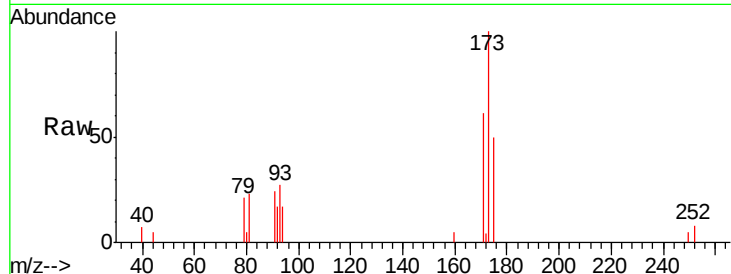
#71
Bromoform
Concen: 3.74 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

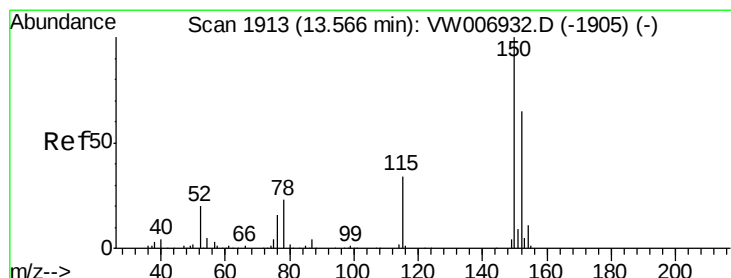
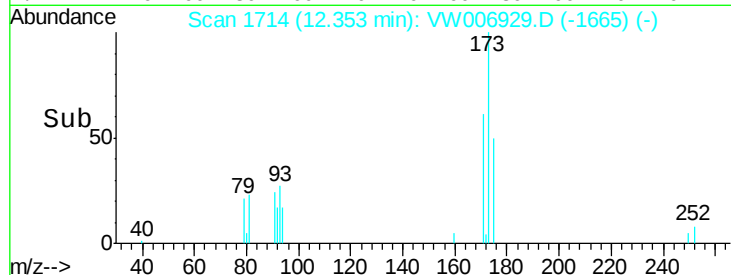
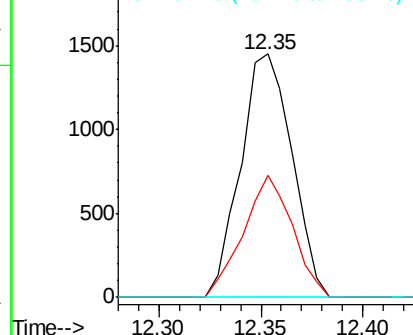
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.0	72.0
254	0.0	0.0	0.0

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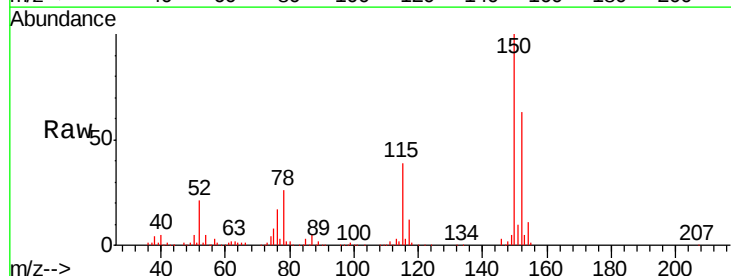


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

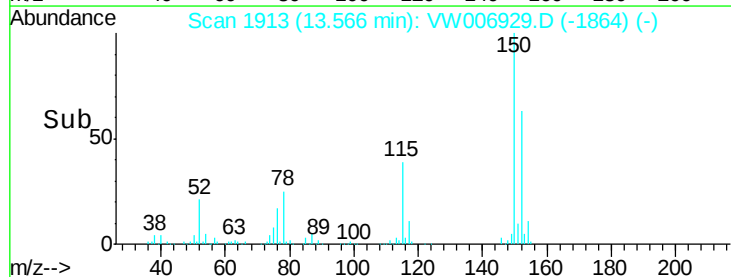
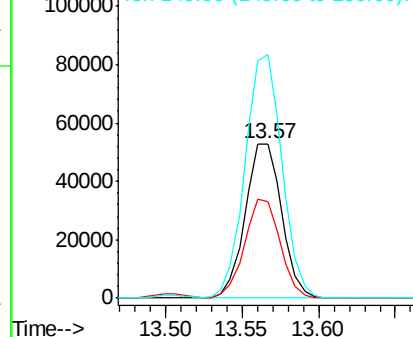


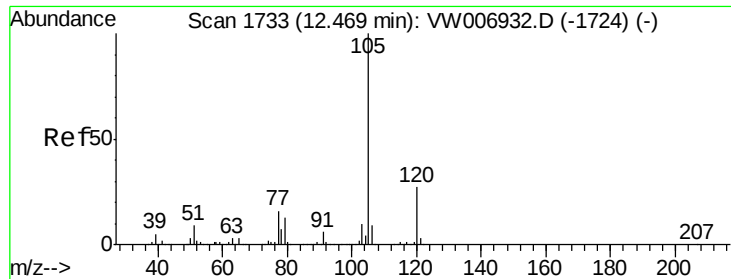
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.6	94.7
150	160.2	0.0	350.0



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





#73

Isopropylbenzene

Concen: 5.53 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 34199

Ion Ratio Lower Upper

105 100

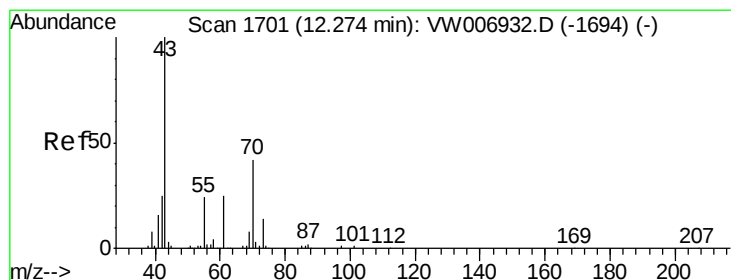
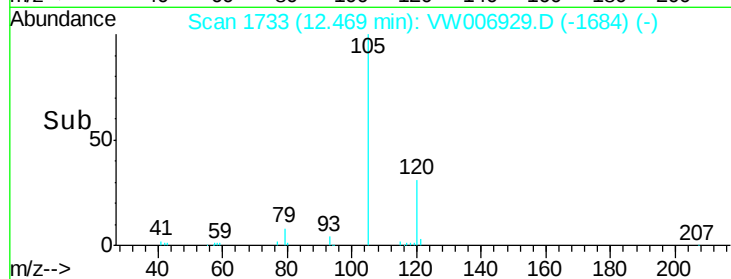
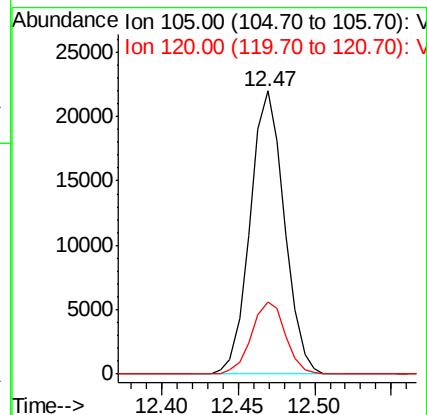
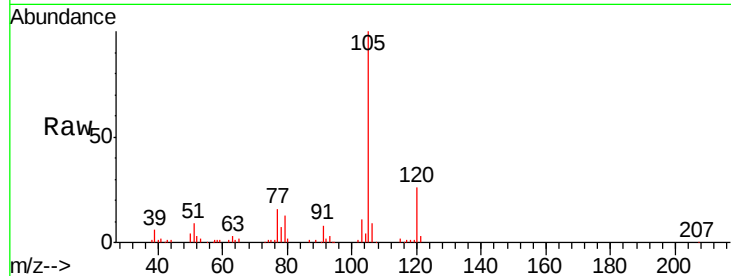
120 25.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 6.71 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion: 43 Resp: 6655

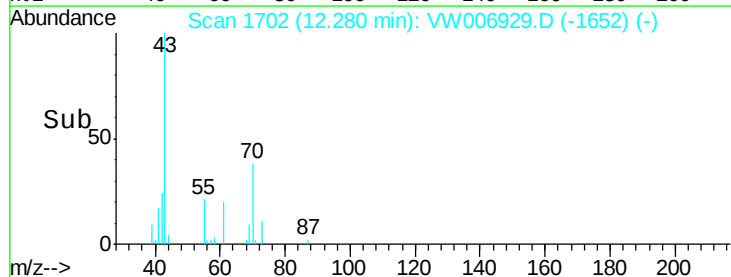
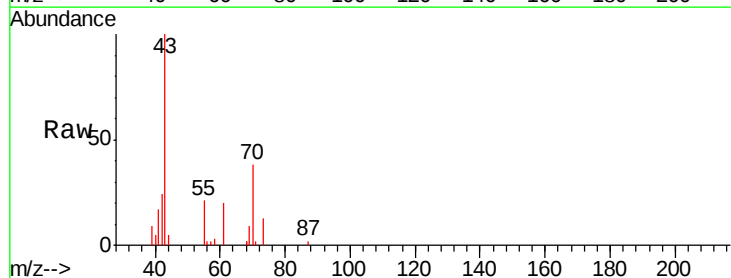
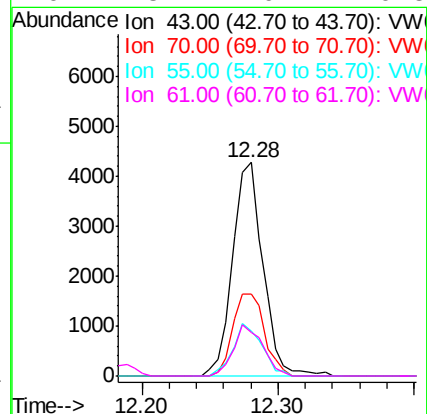
Ion Ratio Lower Upper

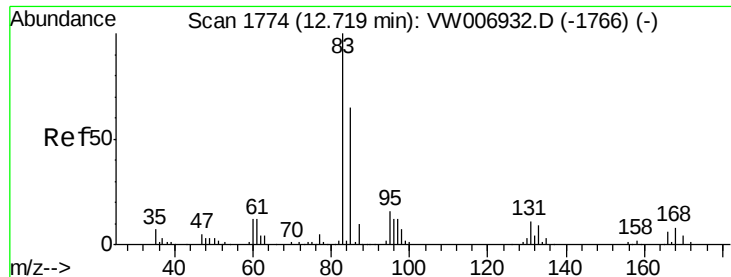
43 100

70 40.0 34.2 51.4

55 23.5 19.5 29.3

61 23.1 19.7 29.5





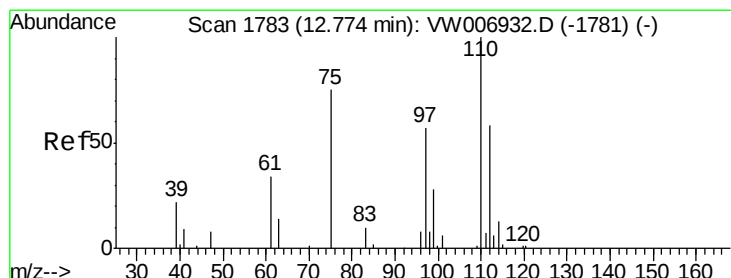
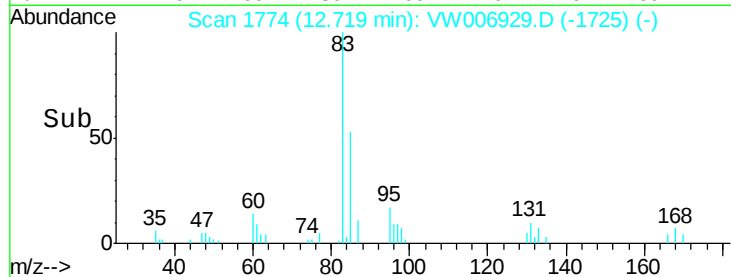
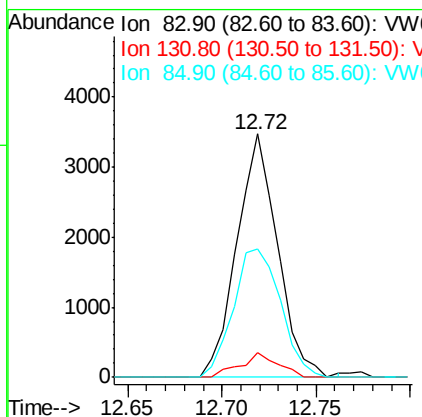
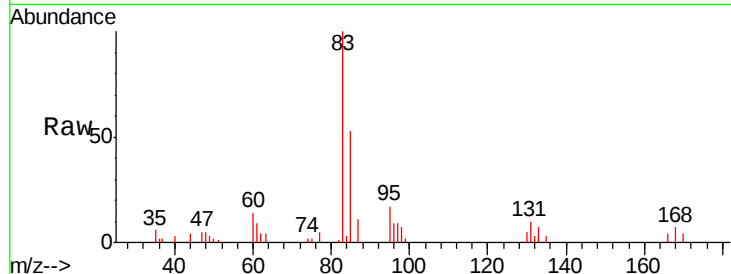
#75
 1,1,2,2-Tetrachloroethane
 Concen: 6.03 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.6	16.8
85	61.1	32.5	97.5

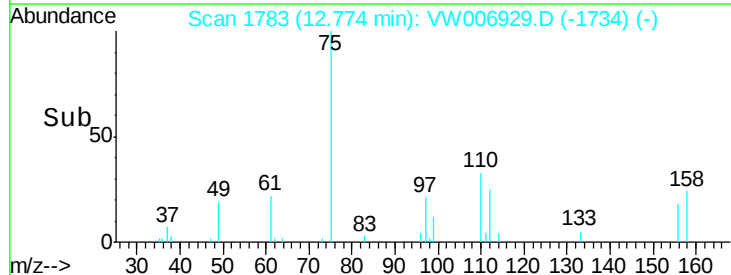
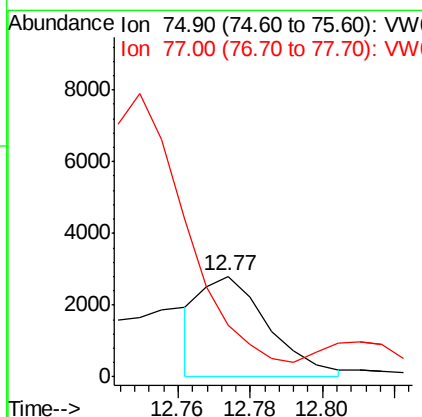
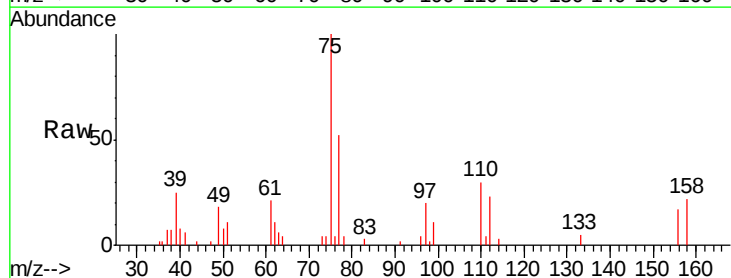
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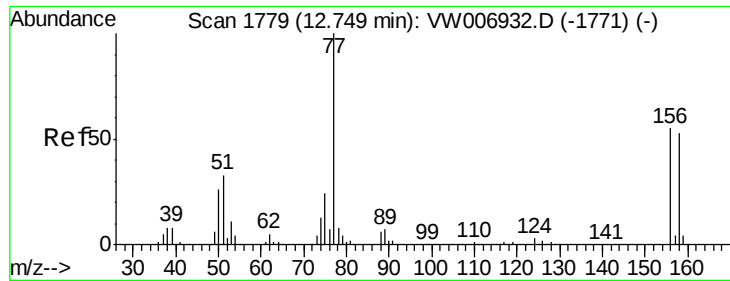
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#76
 1,2,3-Trichloropropane
 Concen: 5.58 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.72 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

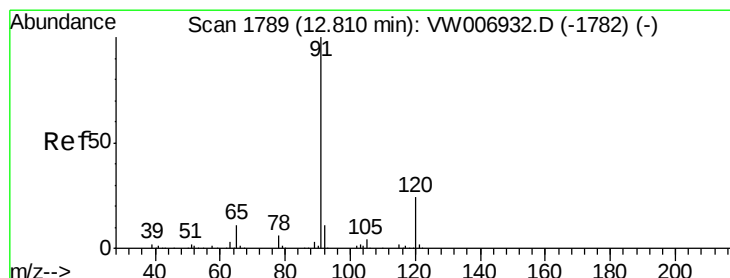
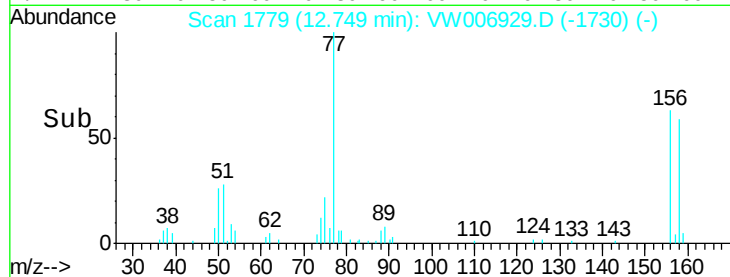
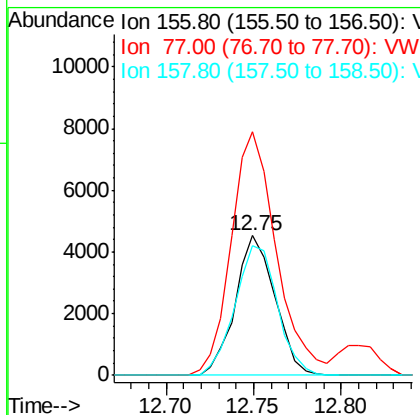
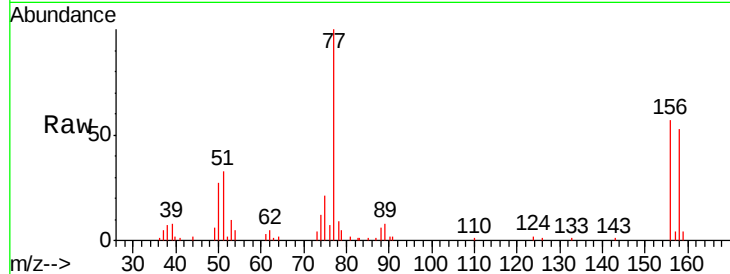
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	198.3	97.8	293.3
158	99.2	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 5.60 ug/l

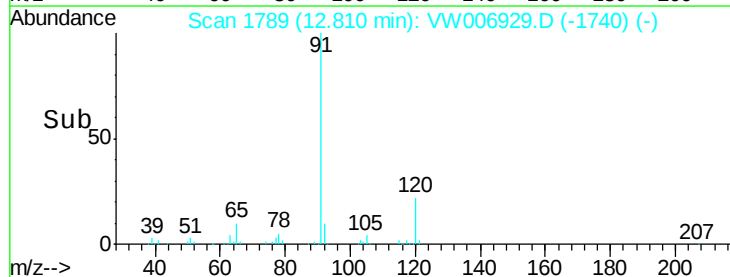
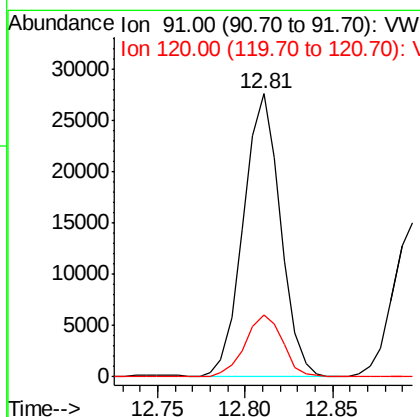
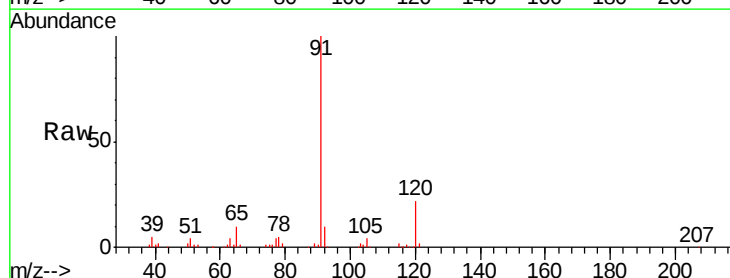
RT: 12.81 min Scan# 1789

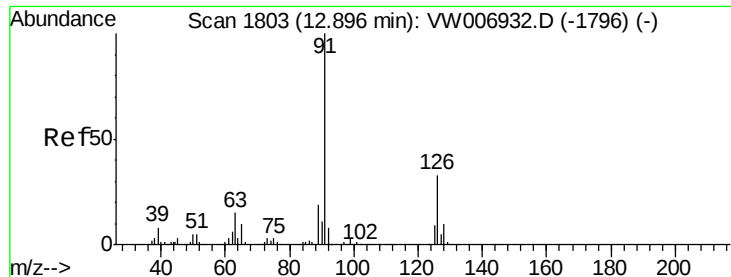
Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 5.92 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 24515

Ion Ratio Lower Upper

91 100

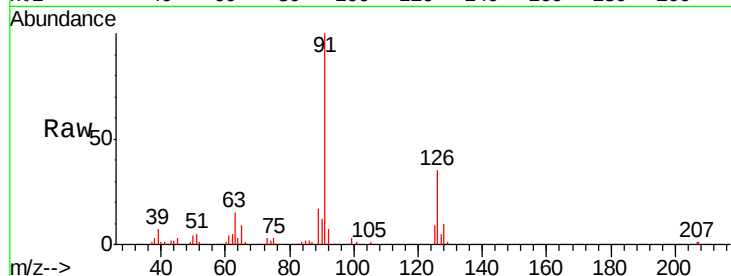
126 33.4 16.6 49.7

Manual Integrations

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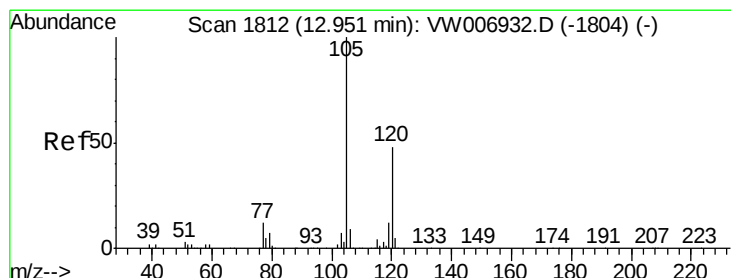
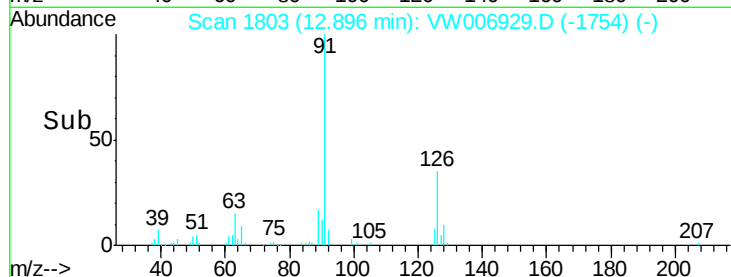
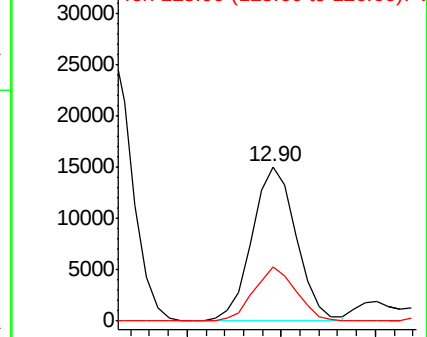
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.47 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006929.D

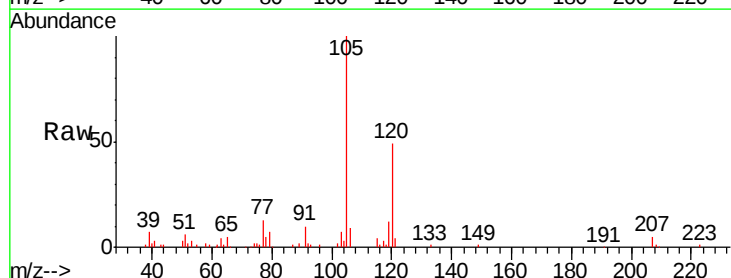
Acq: 16 Nov 2018 22:53

Tgt Ion: 105 Resp: 29065

Ion Ratio Lower Upper

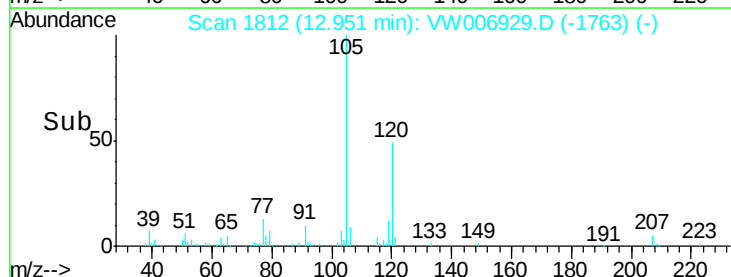
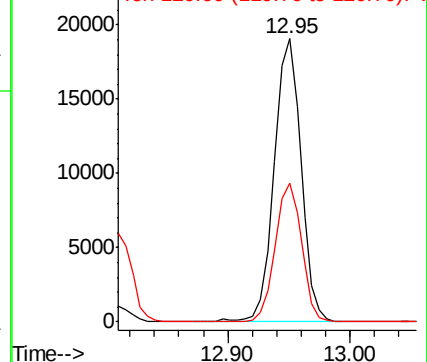
105 100

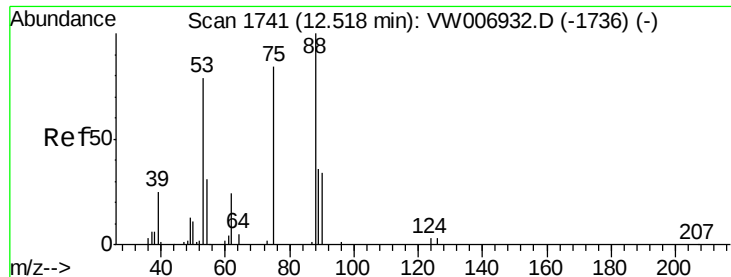
120 48.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





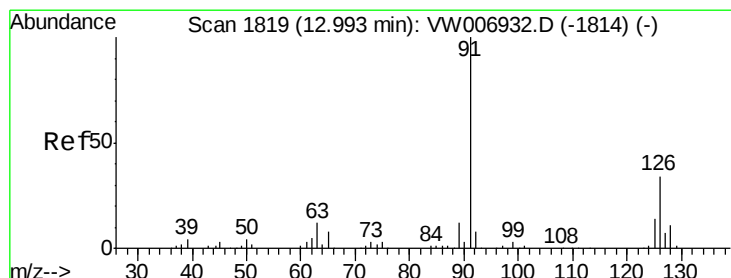
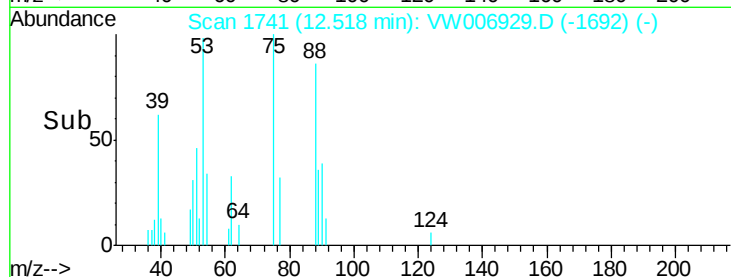
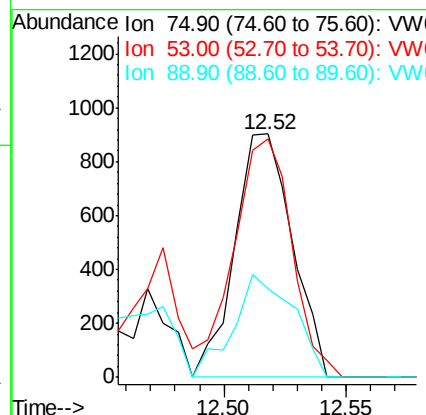
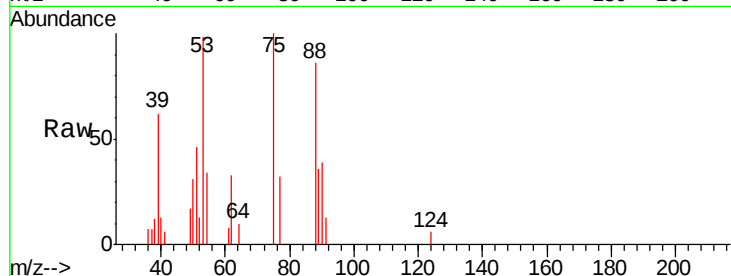
#81
trans-1,4-Dichloro-2-butene
Concen: 5.58 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.3	118.9
89	43.8	39.5	59.3

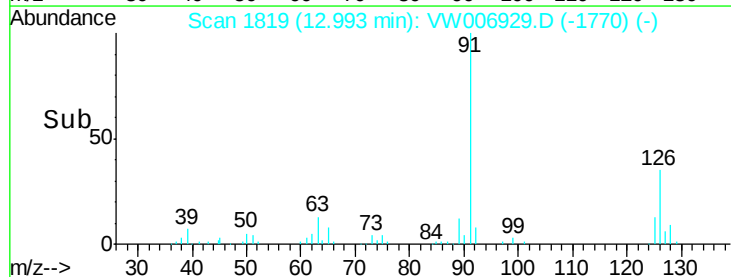
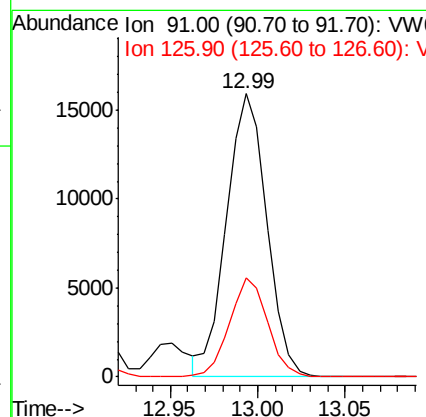
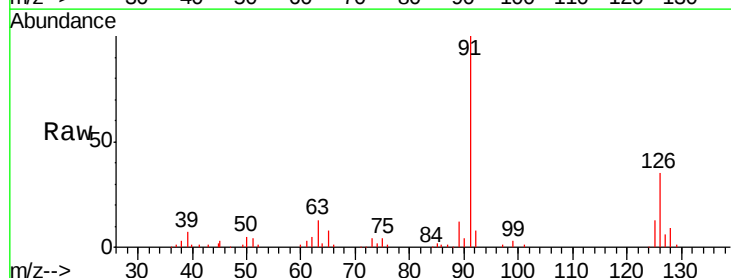
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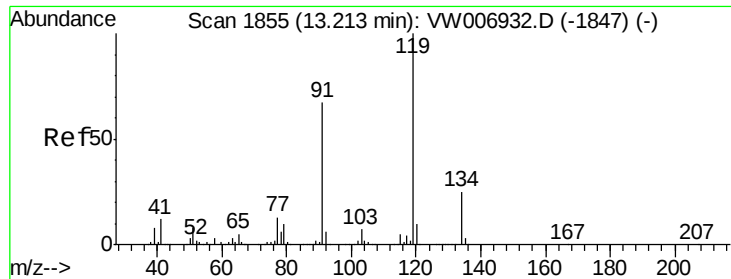
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#82
4-Chlorotoluene
Concen: 5.76 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





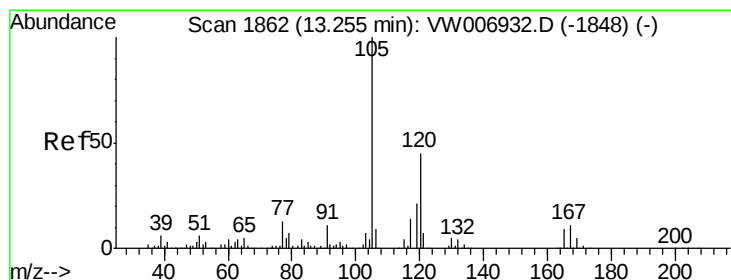
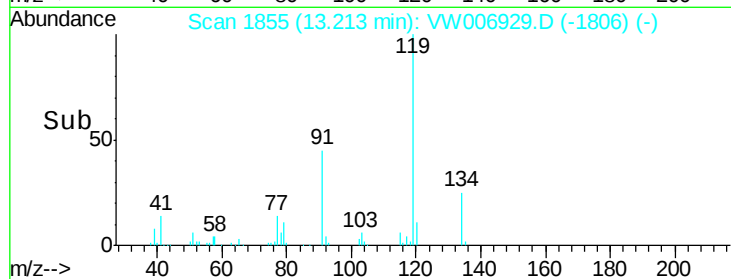
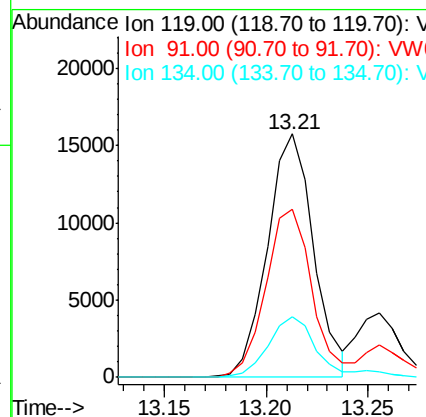
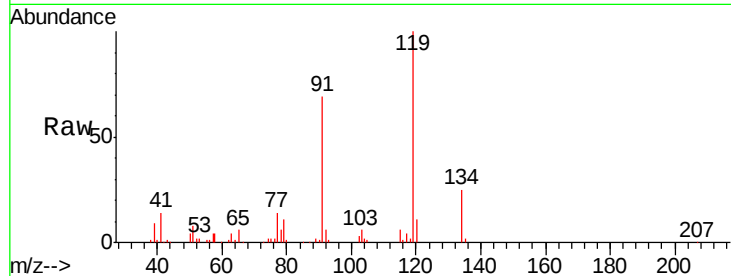
#83
 tert-Butylbenzene
 Concen: 5.33 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.2	33.8	101.4
134	25.0	12.6	37.8

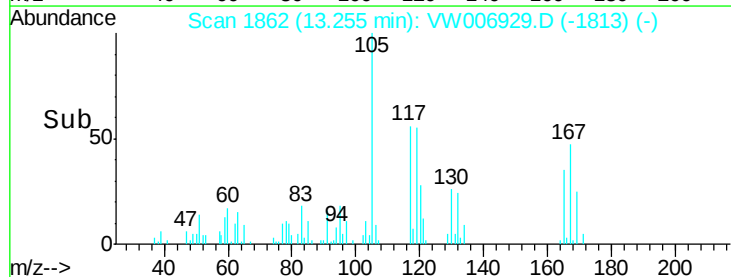
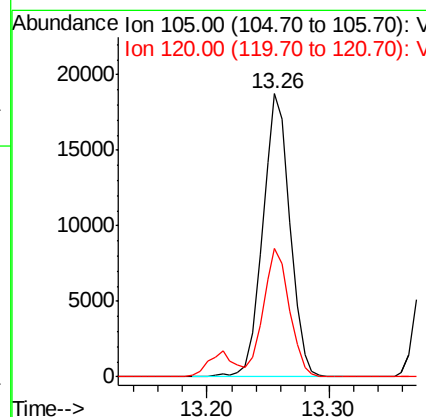
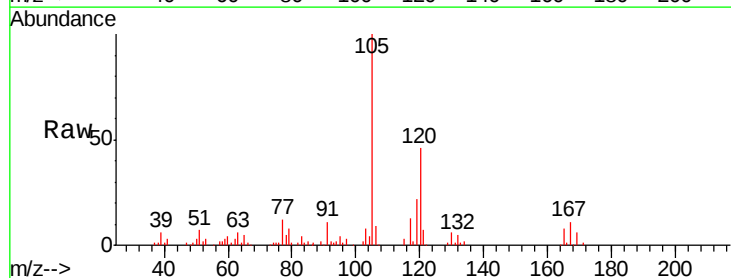
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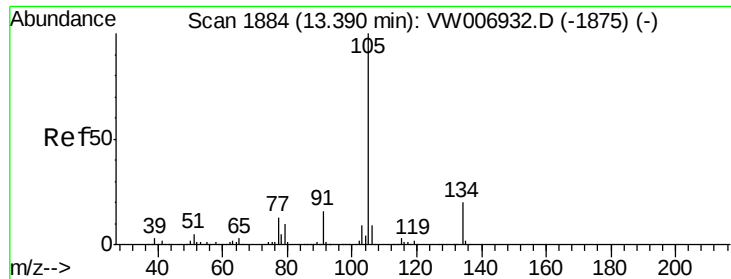
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.38 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.9	65.8





#85

sec-Butylbenzene

Concen: 5.42 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 35862

Ion Ratio Lower Upper

105 100

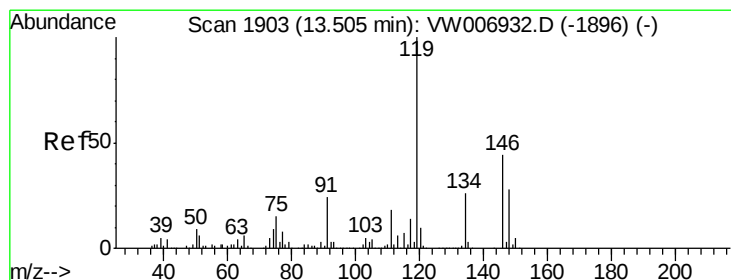
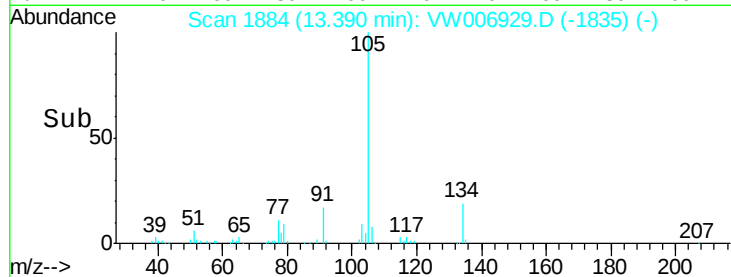
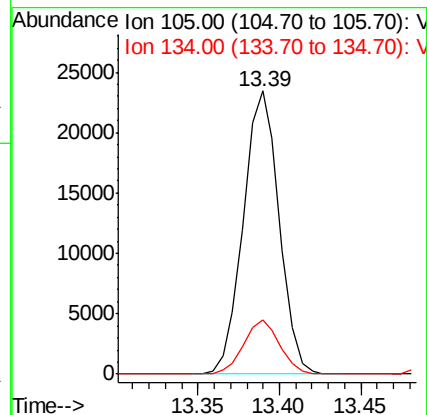
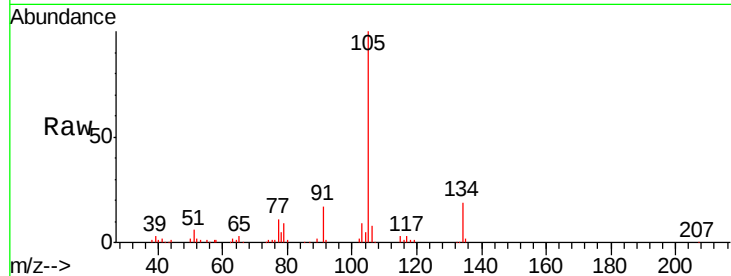
134 19.3 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 5.27 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

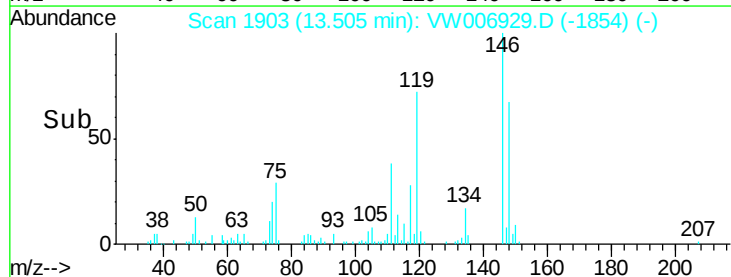
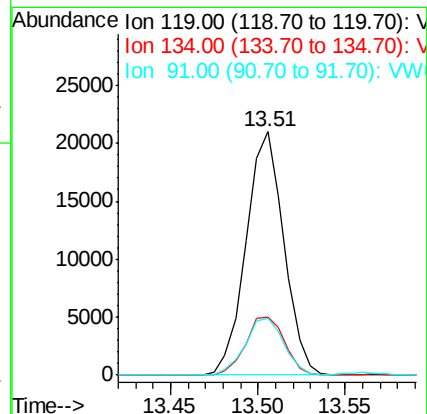
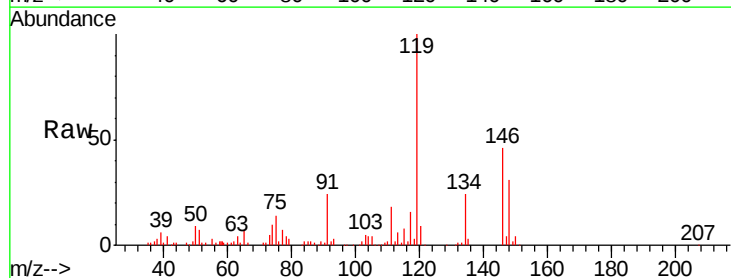
Tgt Ion:119 Resp: 31479

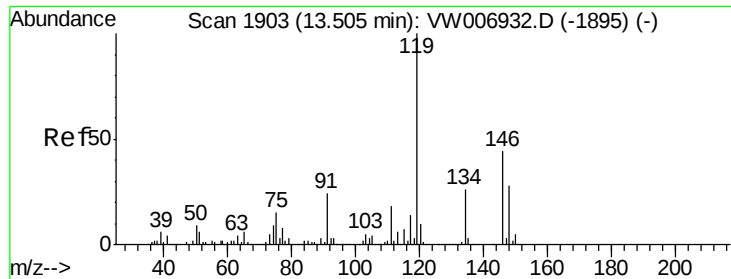
Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.97 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

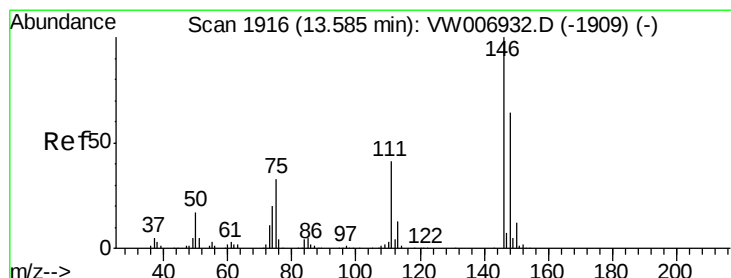
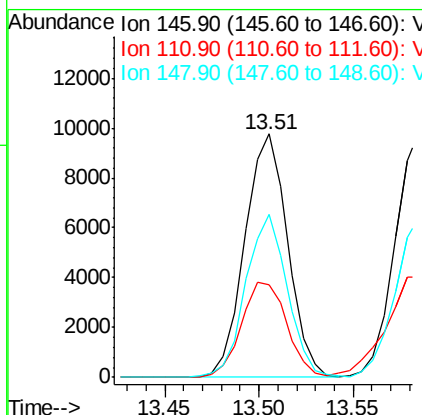
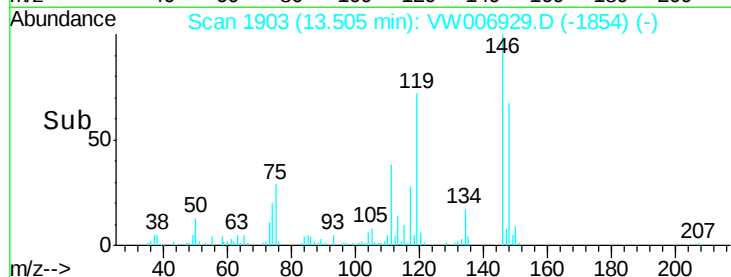
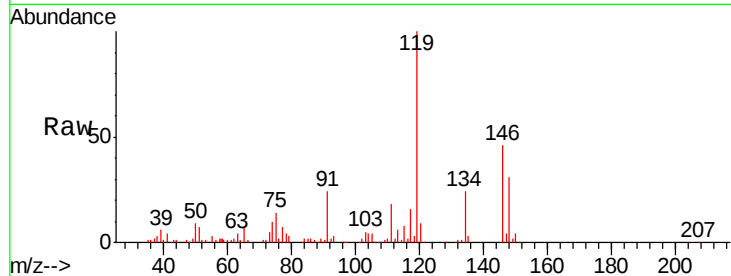
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	65.1	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 5.06 ug/l

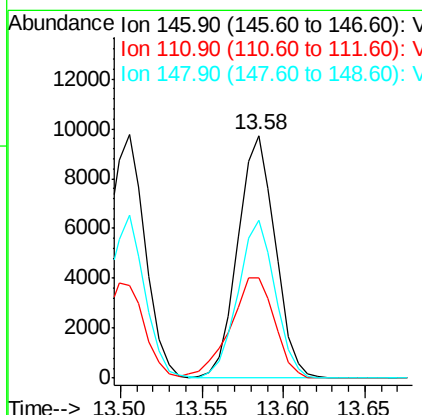
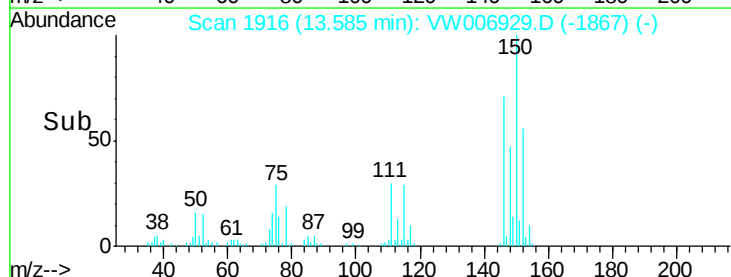
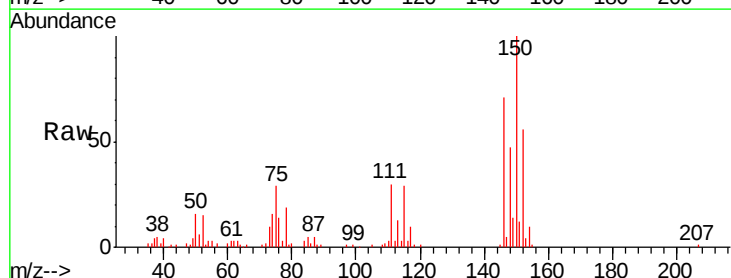
RT: 13.58 min Scan# 1916

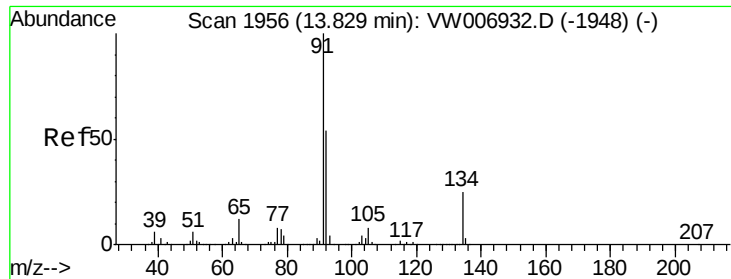
Delta R.T. -0.00 min

Lab File: VW006929.D

Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.7	20.7	62.1
148	65.3	31.9	95.9





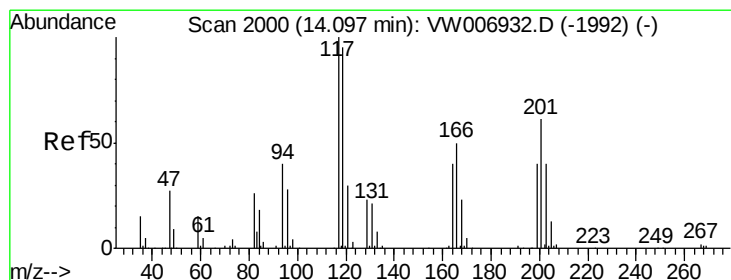
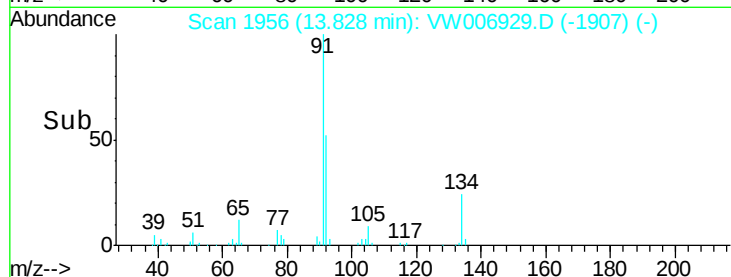
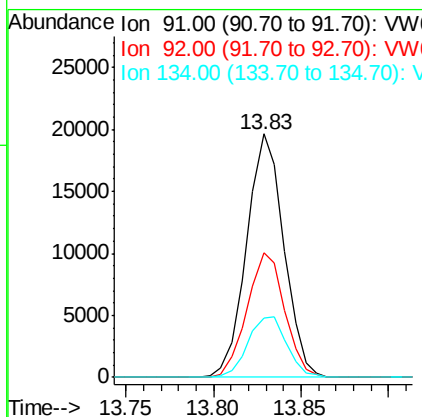
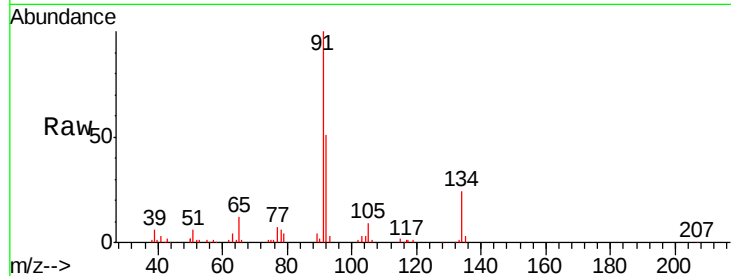
#89
n-Butylbenzene
Concen: 5.28 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	25.9	12.9	38.6

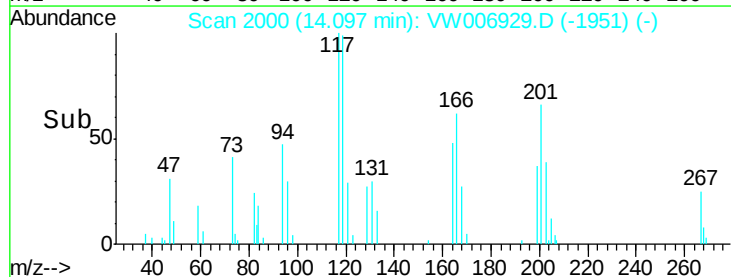
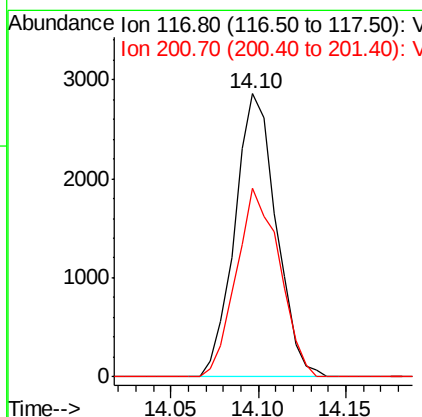
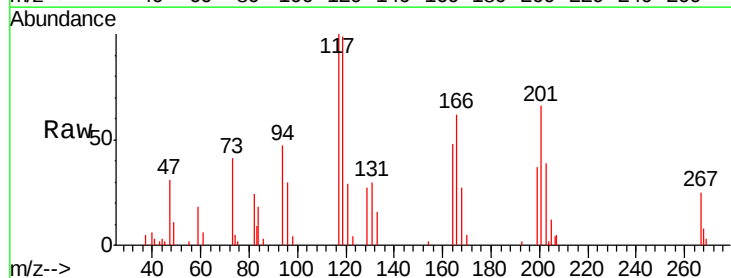
Manual Integrations
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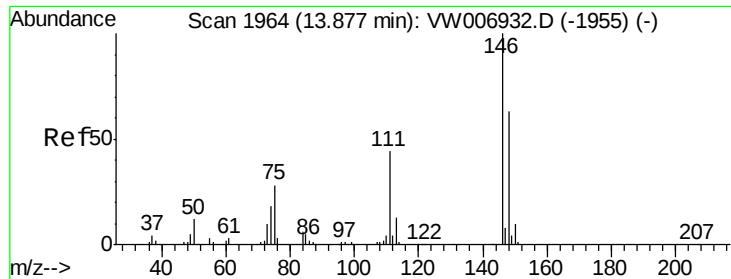
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#90
Hexachloroethane
Concen: 4.90 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	33.8	101.4





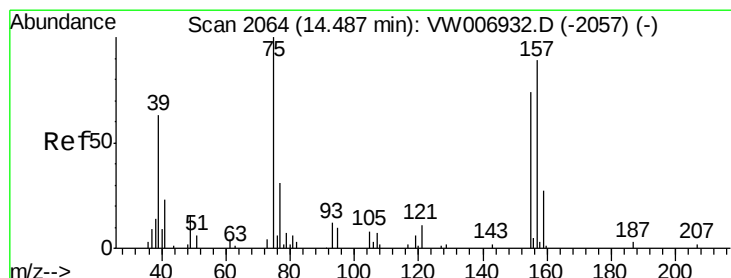
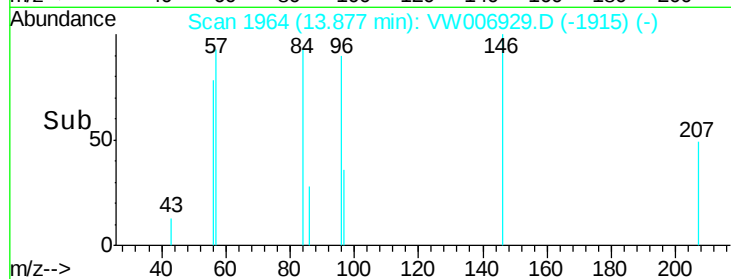
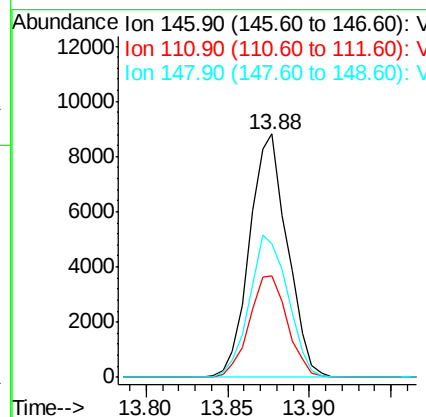
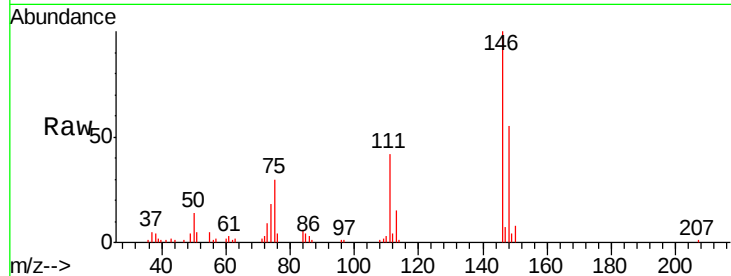
#91
 1,2-Dichlorobenzene
 Concen: 5.26 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.6	67.7
148	59.7	31.7	95.1

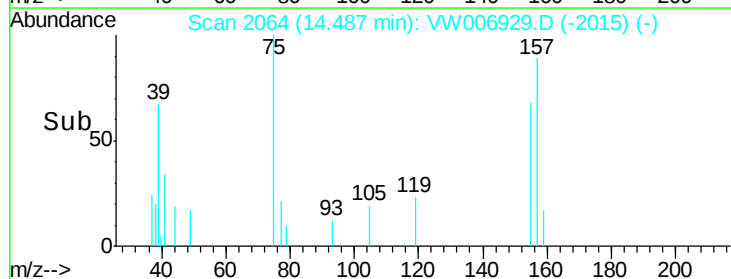
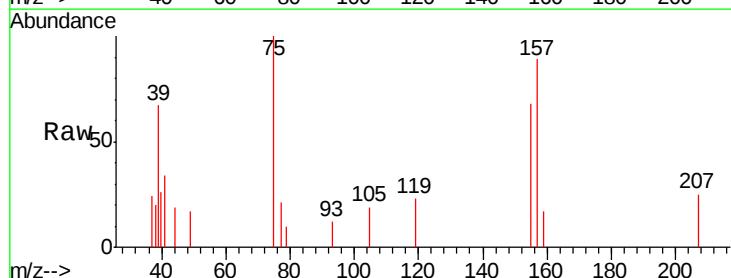
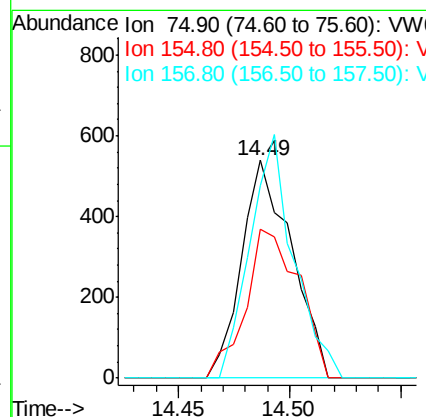
Manual Integrations
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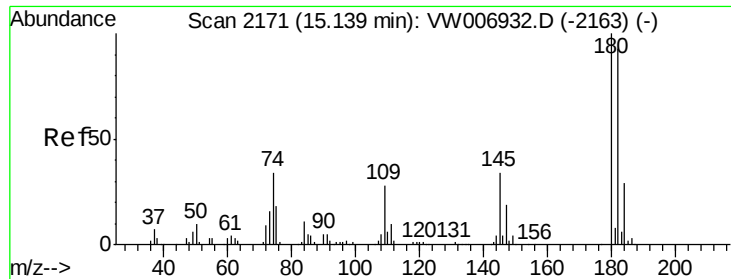
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.93 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW006929.D
 Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.6	38.6	115.7
157	98.1	49.7	149.1





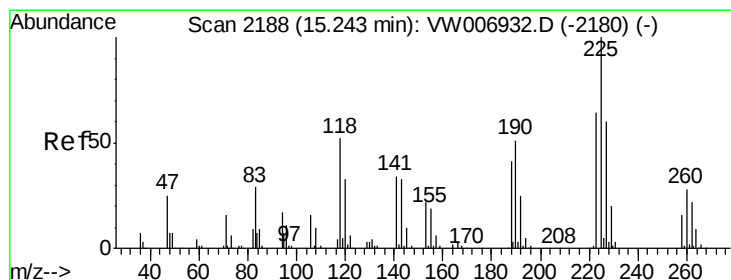
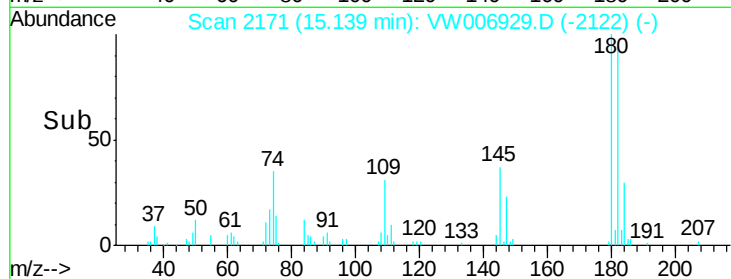
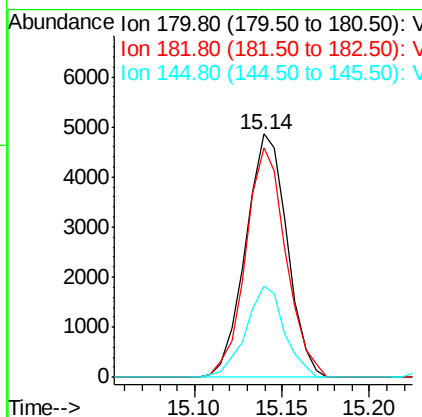
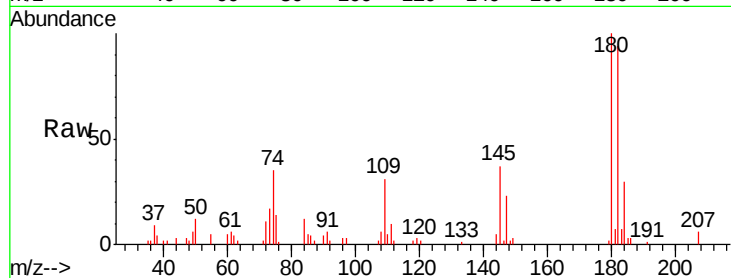
#93
1,2,4-Trichlorobenzene
Concen: 4.05 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.3	141.9
145	35.1	16.8	50.4

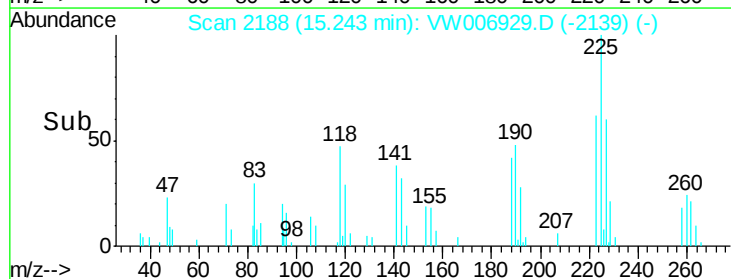
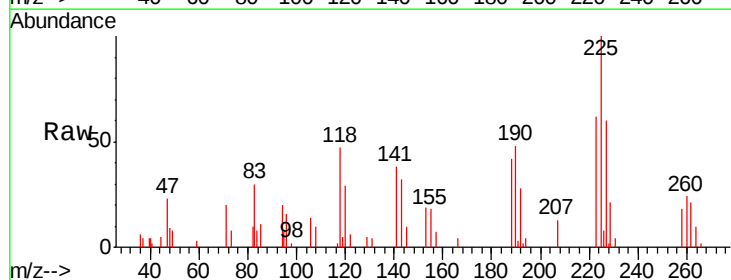
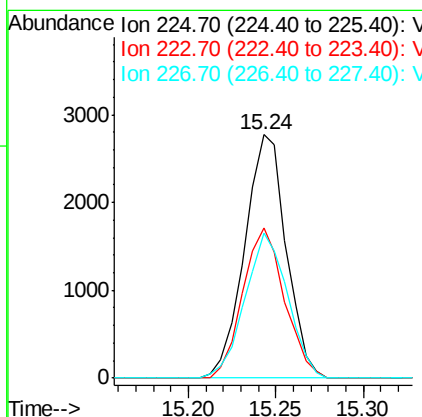
Manual Integrations
APPROVED

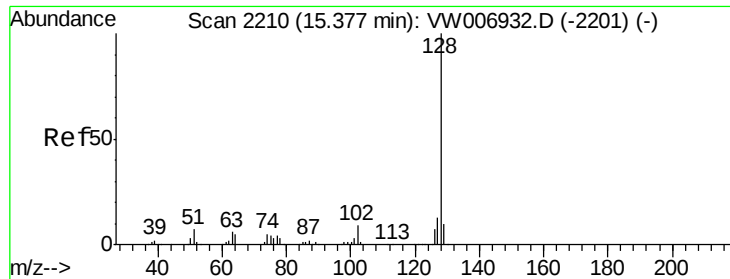
apatel
11/19/2018 3:29:15 PM



#94
Hexachlorobutadiene
Concen: 3.73 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.1	96.3
227	61.2	31.6	95.0





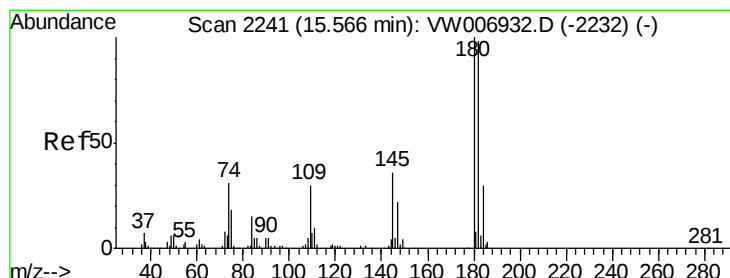
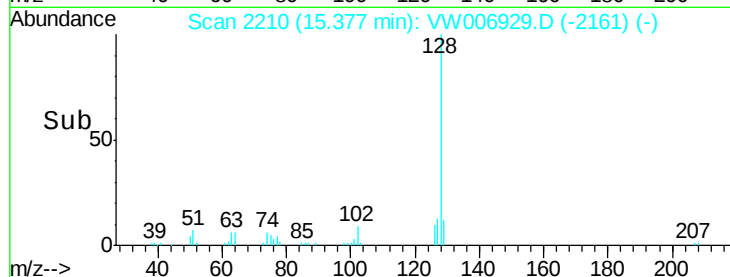
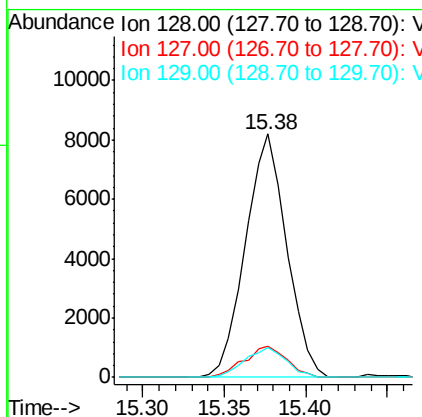
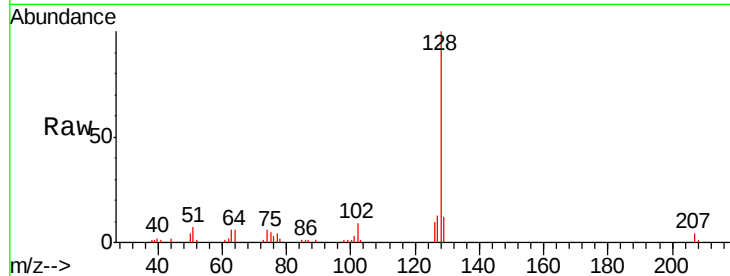
#95
Naphthalene
Concen: 4.65 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	12.4	8.5	12.7

Manual Integrations
APPROVED

apatel
11/19/2018 3:29:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.02 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006929.D
Acq: 16 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	34.7	17.6	52.9

