

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005244.D
 Acq On : 10 Sep 2018 16:14
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
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apatel
 9/11/2018 11:09:33 AM

Quant Time: Sep 11 03:41:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	508731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	722067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	733179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	401762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	385143	101.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.00%	
35) Dibromofluoromethane	7.89	113	400488	105.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.76%	
50) Toluene-d8	10.33	98	2065729	108.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.16%	
62) 4-Bromofluorobenzene	12.63	95	743596	106.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	391598	89.23	ug/l	99
3) Chloromethane	2.22	50	546961	93.23	ug/l	100
4) Vinyl Chloride	2.36	62	507972	94.31	ug/l	98
5) Bromomethane	2.75	94	313331	85.50	ug/l	99
6) Chloroethane	2.91	64	282014	95.05	ug/l	100
7) Trichlorofluoromethane	3.26	101	575682	94.48	ug/l	98
8) Diethyl Ether	3.69	74	215454	99.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	406485	93.40	ug/l	99
10) Methyl Iodide	4.28	142	559407	116.73	ug/l	100
11) Tert butyl alcohol	5.17	59	157065	504.75	ug/l	100
12) 1,1-Dichloroethene	4.04	96	398536	99.45	ug/l	98
13) Acrolein	3.90	56	152338	506.81	ug/l	100
14) Allyl chloride	4.68	41	627526	101.91	ug/l	99
15) Acrylonitrile	5.38	53	510764	521.36	ug/l	99
16) Acetone	4.13	43	361536	513.32	ug/l	98
17) Carbon Disulfide	4.38	76	1437304	102.18	ug/l	99
18) Methyl Acetate	4.68	43	219066	104.20	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	980083	102.68	ug/l	99
20) Methylene Chloride	4.92	84	511453	85.68	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	465004	99.38	ug/l	98
22) Diisopropyl ether	6.32	45	1282745	103.48	ug/l	98
23) Vinyl Acetate	6.26	43	3598578	520.90	ug/l	100
24) 1,1-Dichloroethane	6.23	63	759454	99.53	ug/l	99
25) 2-Butanone	7.18	43	562783	506.58	ug/l	96
26) 2,2-Dichloropropane	7.18	77	613086	92.67	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	499038	99.66	ug/l	99
28) Bromochloromethane	7.52	49	278639	98.98	ug/l #	100
29) Tetrahydrofuran	7.54	42	390212	521.21	ug/l	99
30) Chloroform	7.68	83	750149	97.96	ug/l	99
31) Cyclohexane	7.96	56	754828	92.97	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	655354	94.73	ug/l	99
36) 1,1-Dichloropropene	8.09	75	645542	97.58	ug/l	100
37) Ethyl Acetate	7.26	43	254167	101.01	ug/l	100
38) Carbon Tetrachloride	8.08	117	591665	95.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	902150	102.71	ug/l	99
40) Benzene	8.33	78	1940708	99.58	ug/l	98
41) Methacrylonitrile	7.49	41	140873	109.12	ug/l	97
42) 1,2-Dichloroethane	8.41	62	453608	97.29	ug/l	99
43) Isopropyl Acetate	8.43	43	482699	103.30	ug/l	98
44) Trichloroethene	9.10	130	525746	98.33	ug/l	100
45) 1,2-Dichloropropane	9.38	63	464508	99.16	ug/l	99
46) Dibromomethane	9.46	93	228769	99.77	ug/l	98
47) Bromodichloromethane	9.65	83	552829	98.56	ug/l	100
48) Methyl methacrylate	9.44	41	270771	111.60	ug/l	99
49) 1,4-Dioxane	9.45	88	87091	2034.27	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	1439085	547.28	ug/l	100
52) Toluene	10.40	92	1447088	102.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	654500	107.97	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	758441	104.48	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	367918	100.63	ug/l	99
56) Ethyl methacrylate	10.65	69	524590	113.18	ug/l	99
57) 1,3-Dichloropropane	10.94	76	627864	103.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1113134	552.53	ug/l	99
59) 2-Hexanone	10.98	43	1041006	549.15	ug/l	100
60) Dibromochloromethane	11.13	129	429364	105.84	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346074	103.22	ug/l	99
64) Tetrachloroethene	10.87	164	534202	98.21	ug/l	99
65) Chlorobenzene	11.66	112	1580668	98.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	480166	100.13	ug/l	99
67) Ethyl Benzene	11.74	91	2852754	101.99	ug/l	100
68) m/p-Xylenes	11.85	106	2278045	202.11	ug/l	98
69) o-Xylene	12.18	106	1077243	102.73	ug/l	99
70) Styrene	12.19	104	1786727	104.42	ug/l	100
71) Bromoform	12.35	173	272435	104.78	ug/l #	99
73) Isopropylbenzene	12.47	105	2895335	102.00	ug/l	100
74) N-amyl acetate	12.28	43	588461	108.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	429754	100.74	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	310010m	59.41	ug/l	
77) Bromobenzene	12.76	156	666120	99.61	ug/l	98
78) n-propylbenzene	12.81	91	3432816	100.69	ug/l	99
79) 2-Chlorotoluene	12.90	91	1951939	99.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	2487260	102.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	142681	108.29	ug/l	99
82) 4-Chlorotoluene	13.00	91	2048608	99.69	ug/l	100
83) tert-Butylbenzene	13.21	119	2153535	101.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2528461	104.10	ug/l	98
85) sec-Butylbenzene	13.40	105	3087490	101.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	2760348	102.63	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1371130	97.64	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1333870	96.71	ug/l	100
89) n-Butylbenzene	13.83	91	2684036	106.16	ug/l	98
90) Hexachloroethane	14.10	117	443685	102.96	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	1224857	99.24	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	73129	103.08	ug/l	98

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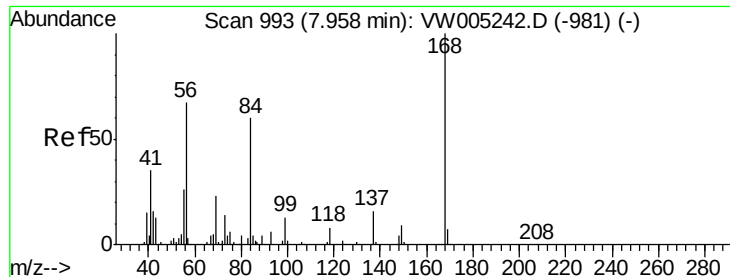
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	909037	104.12	ug/l	99
94) Hexachlorobutadiene	15.25	225	550682	98.50	ug/l	100
95) Naphthalene	15.38	128	1587186	112.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	779312	103.73	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: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 508731

Ion Ratio Lower Upper

168 100

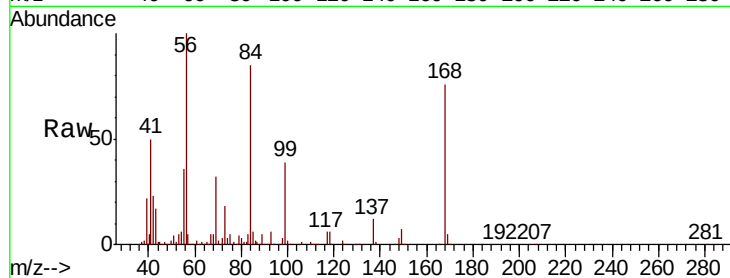
99 51.2 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

0

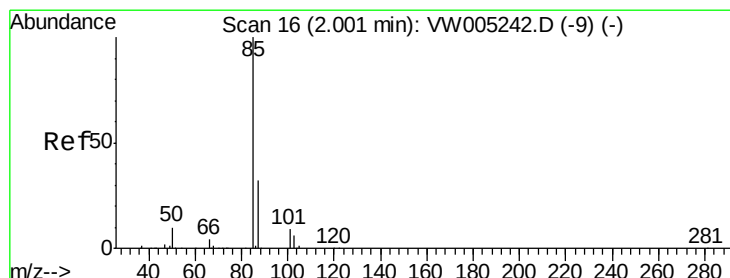
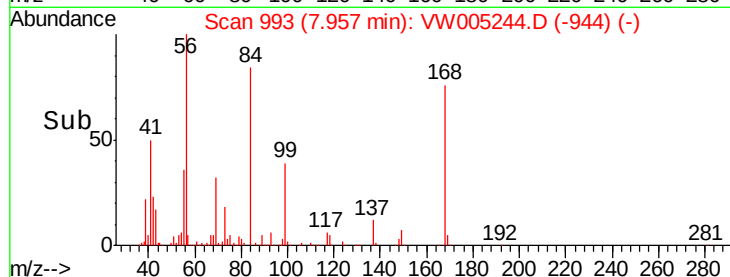
7.80

7.96

8.00

8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 89.23 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005244.D

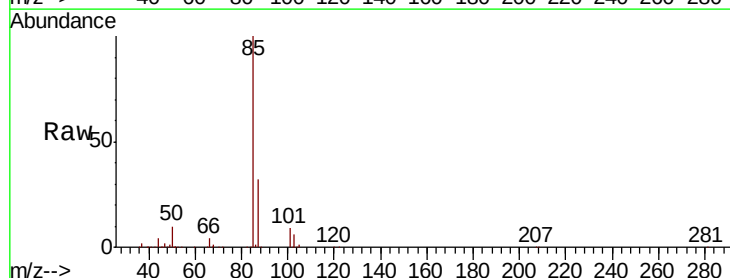
Acq: 10 Sep 2018 16:14

Tgt Ion: 85 Resp: 391598

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

300000

250000

200000

150000

100000

50000

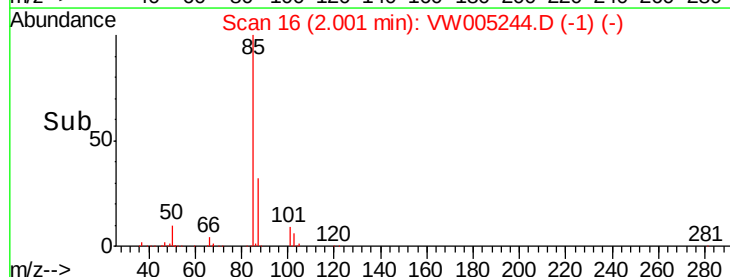
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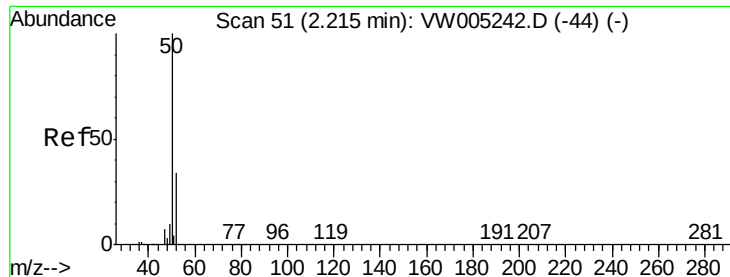
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 93.23 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 546961

Ion Ratio Lower Upper

50 100

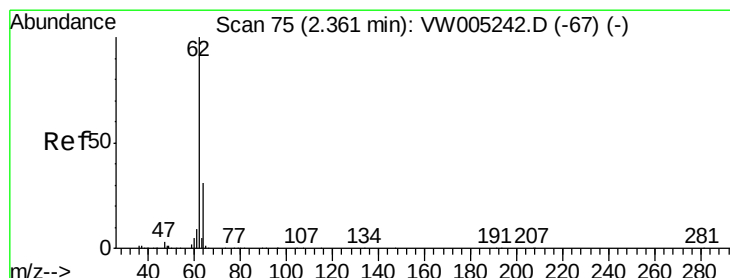
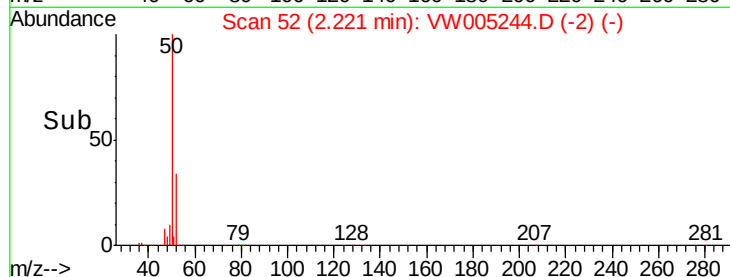
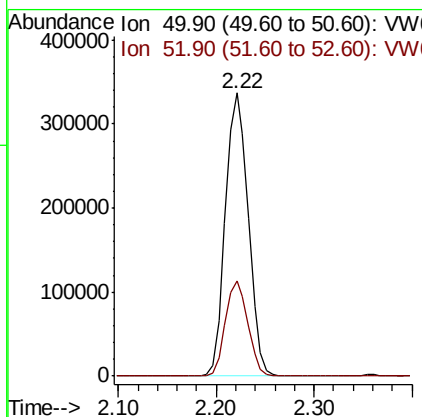
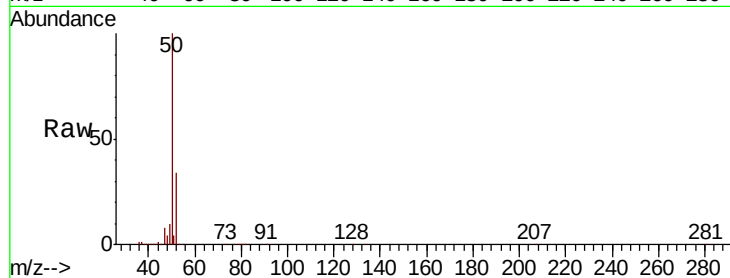
52 33.5 27.0 40.4

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#4

Vinyl Chloride

Concen: 94.31 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005244.D

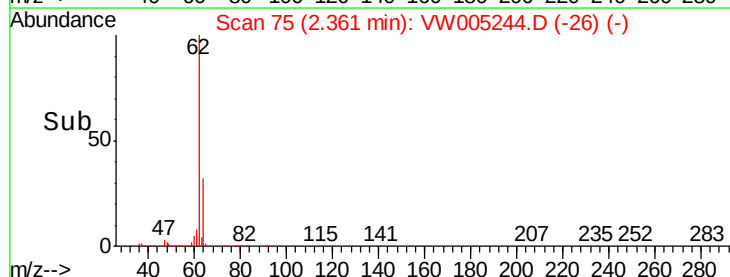
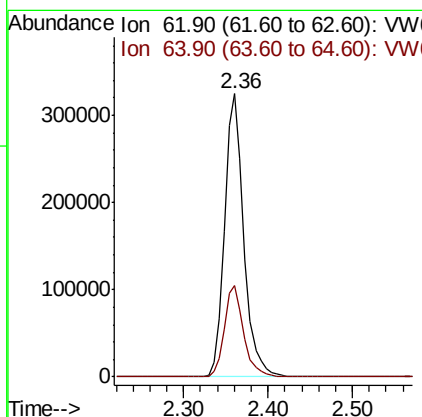
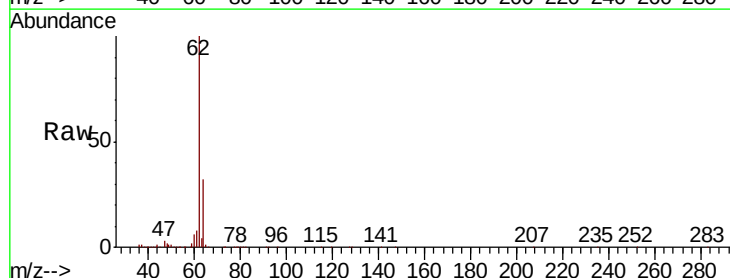
Acq: 10 Sep 2018 16:14

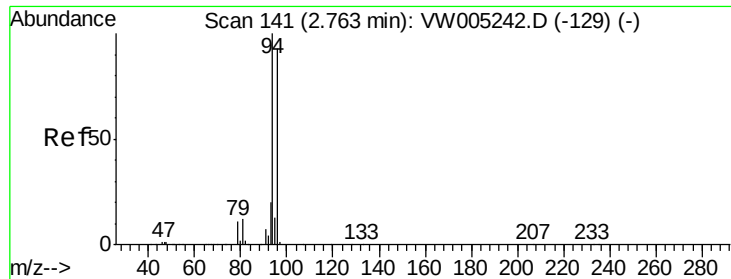
Tgt Ion: 62 Resp: 507972

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 85.50 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tot Ion: 94 Resp: 313331

Ion Ratio Lower Upper

94 100

96 93.2 74.1 111.1

Instrument :

MSVOA_W

ClientSampleId :

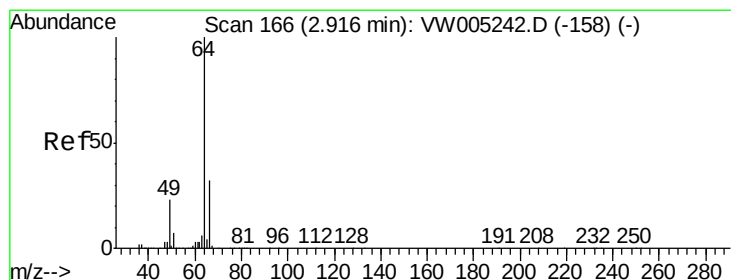
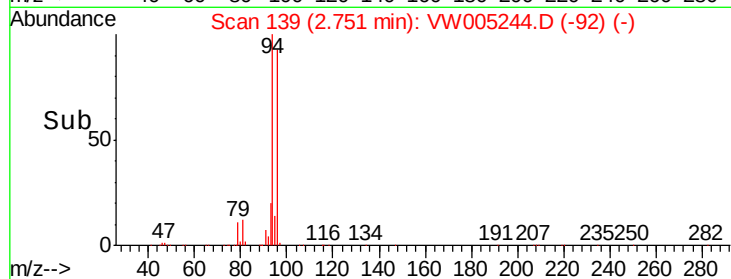
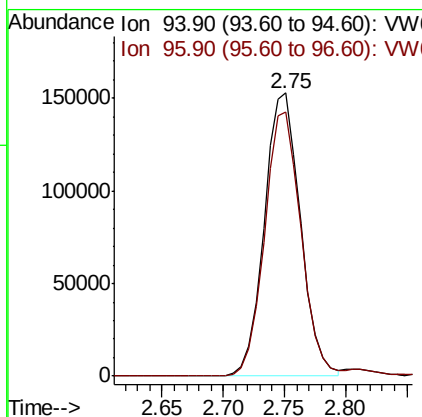
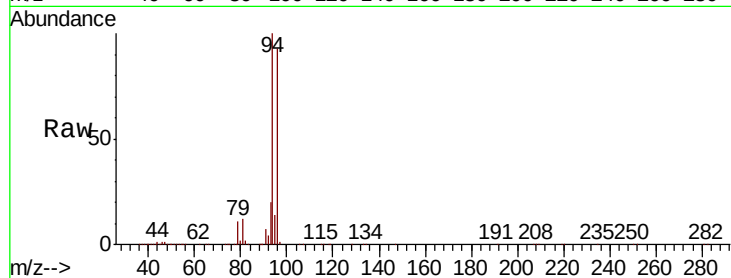
VSTDIC100

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#6

Chloroethane

Concen: 95.05 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005244.D

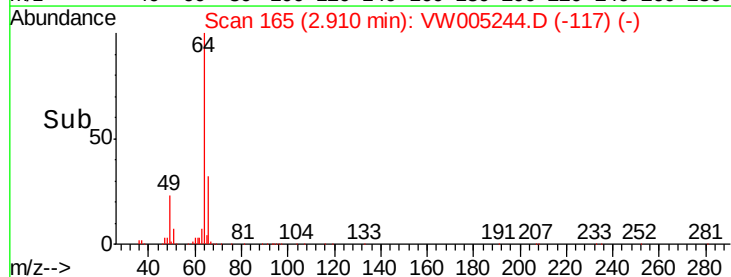
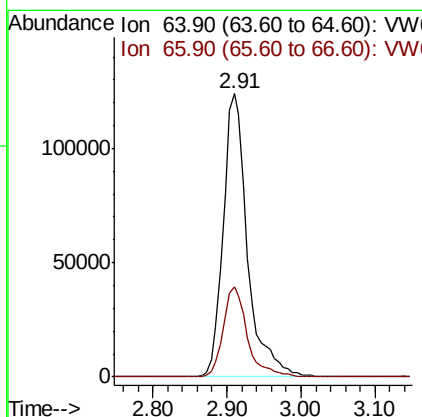
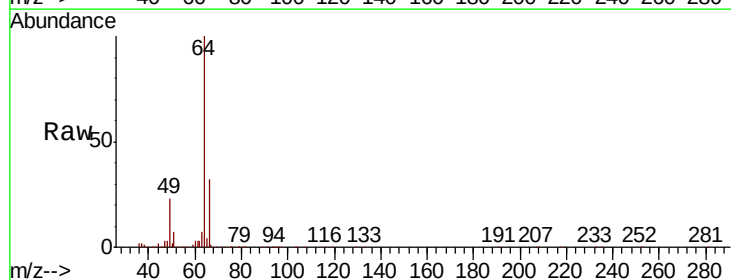
Acq: 10 Sep 2018 16:14

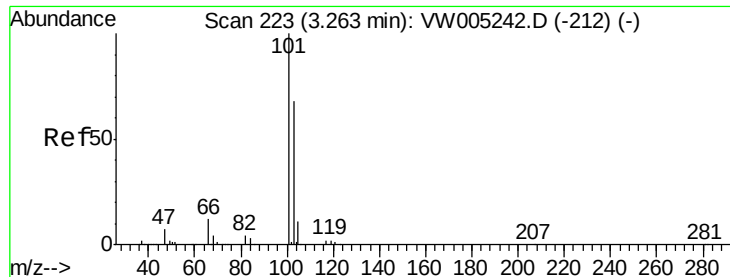
Tgt Ion: 64 Resp: 282014

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





#7

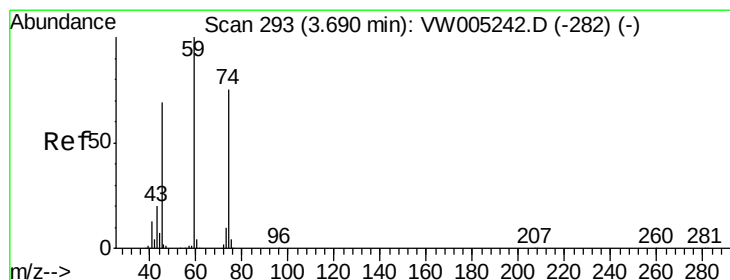
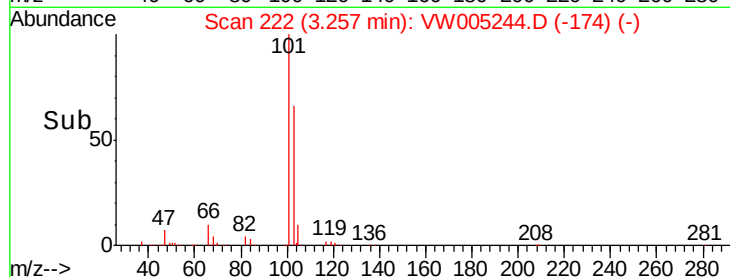
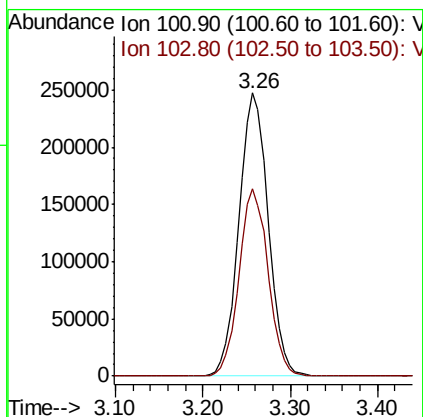
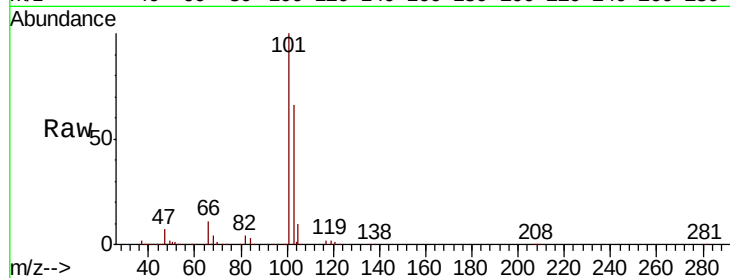
Trichlorofluoromethane
Concen: 94.48 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

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MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	54.1	81.1

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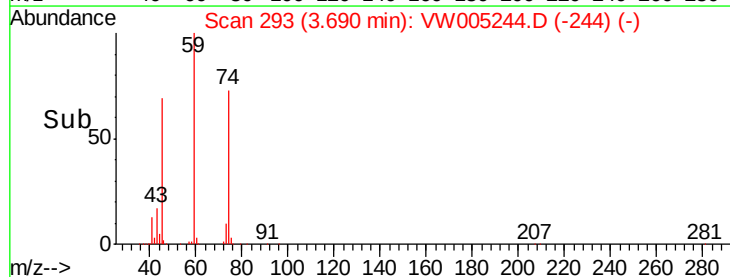
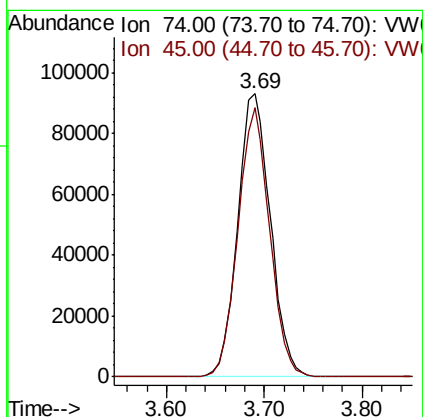
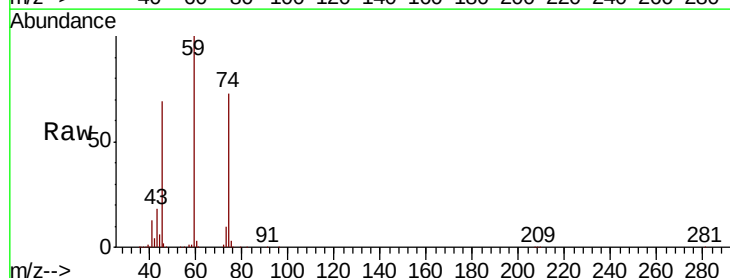
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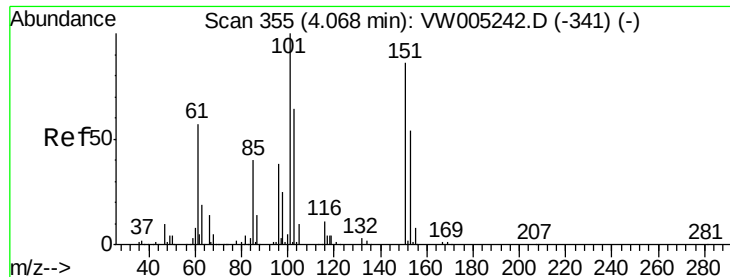


#8

Diethyl Ether
Concen: 99.22 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.40 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

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MSVOA_W

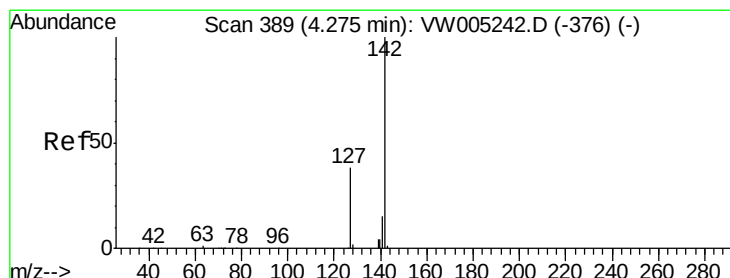
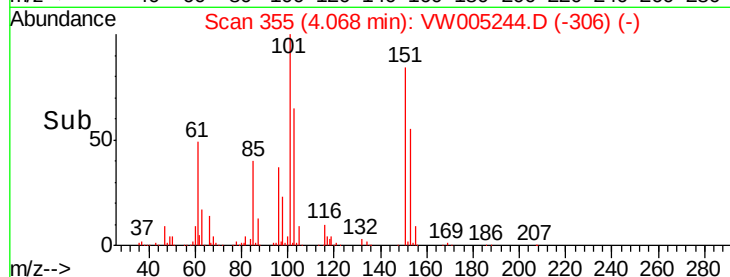
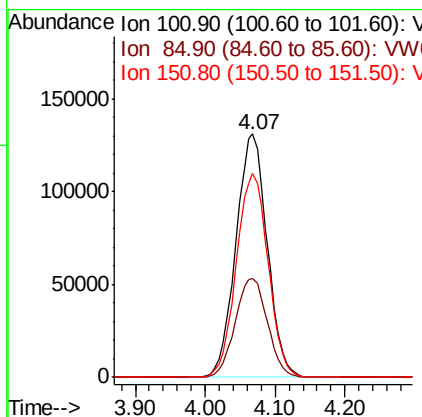
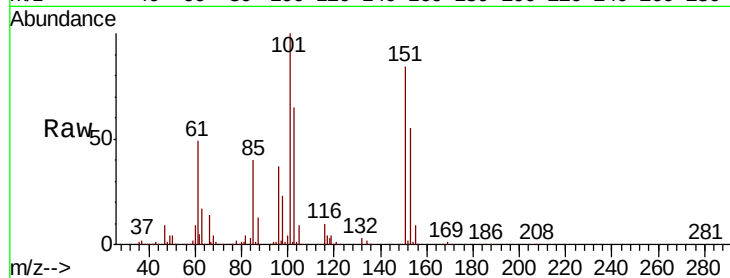
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	406485
Ion Ratio	Lower	Upper	
101	100		
85	41.9	32.7	49.1
151	85.1	67.6	101.4

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#10

Methyl Iodide

Concen: 116.73 ug/l

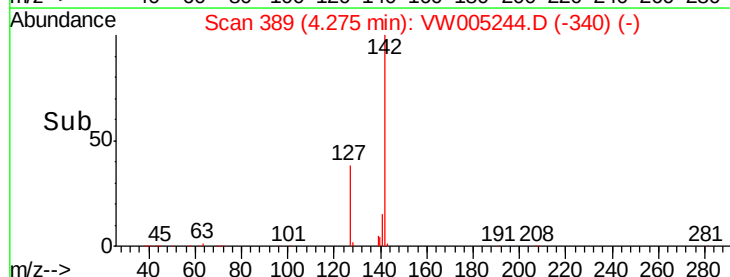
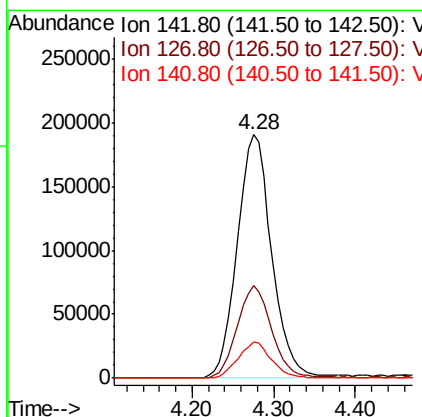
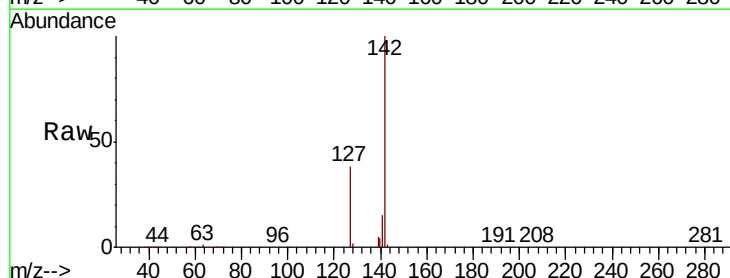
RT: 4.28 min Scan# 389

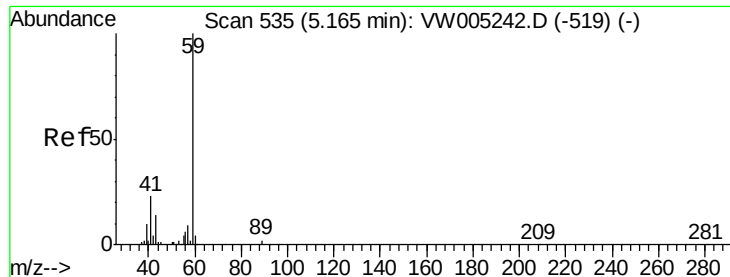
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	142	Resp:	559407
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.3	45.5
141	14.5	11.4	17.0





#11

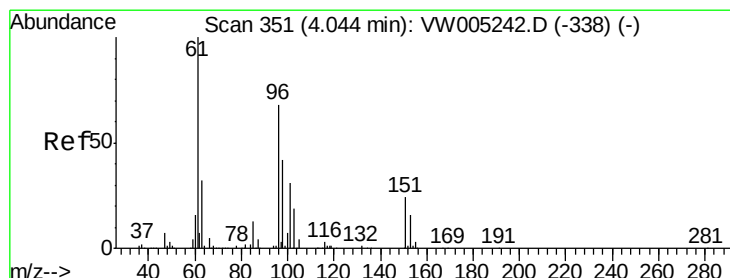
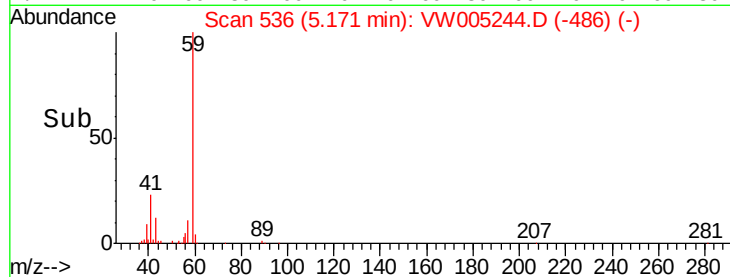
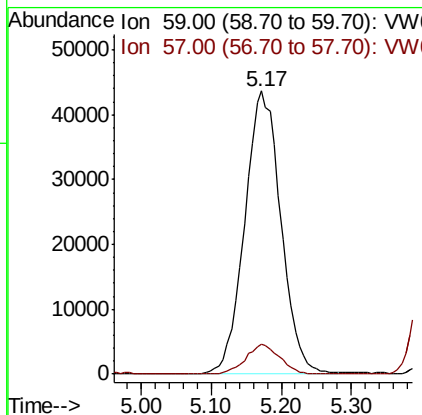
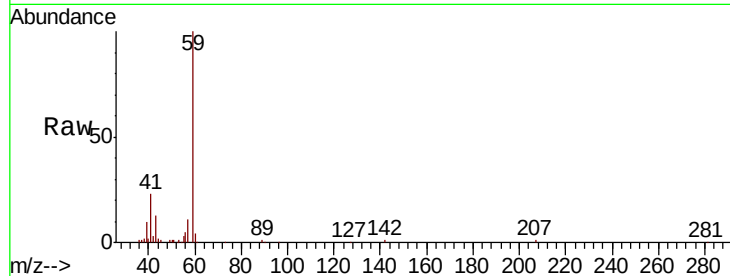
Tert butyl alcohol
 Concen: 504.75 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	59	Resp	157065
Ion Ratio	100	Lower	Upper
57	10.0	8.1	12.1

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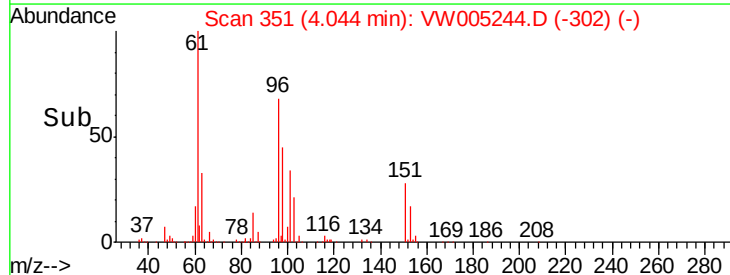
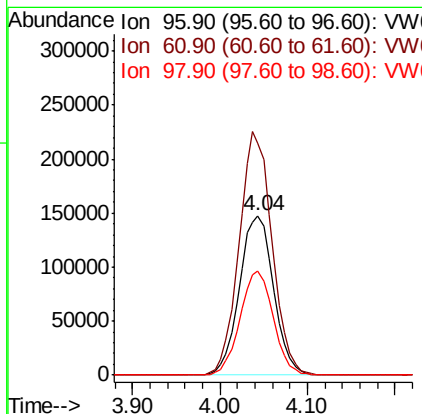
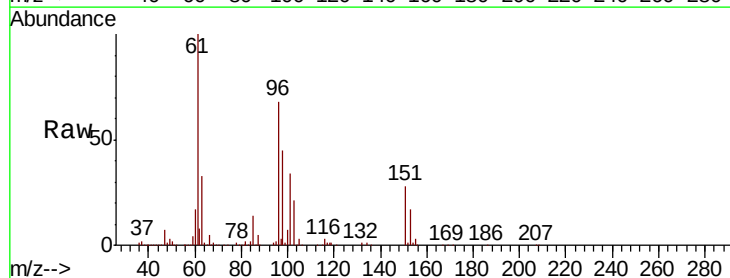
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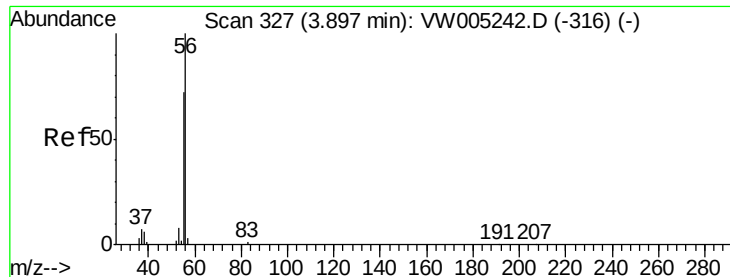


#12

1,1-Dichloroethene
 Concen: 99.45 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	96	Resp	398536
Ion Ratio	100	Lower	Upper
61	146.0	118.2	177.2
98	65.7	49.9	74.9





#13

Acrolein

Concen: 506.81 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 152338

Ion Ratio Lower Upper

56 100

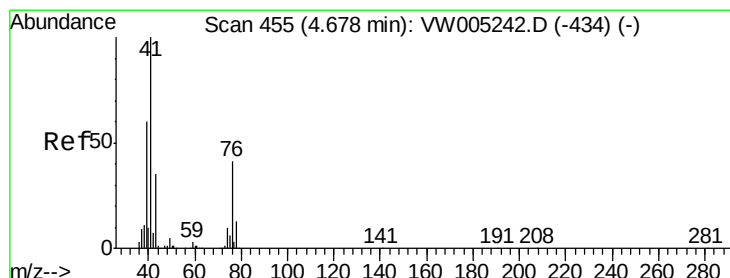
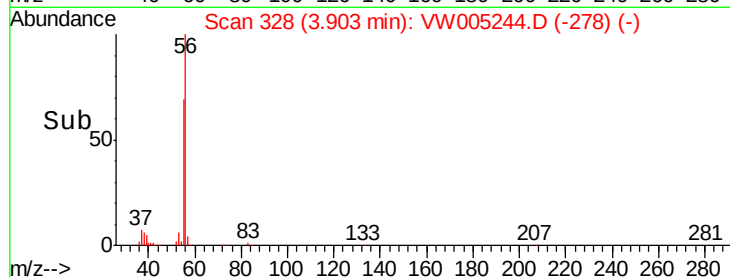
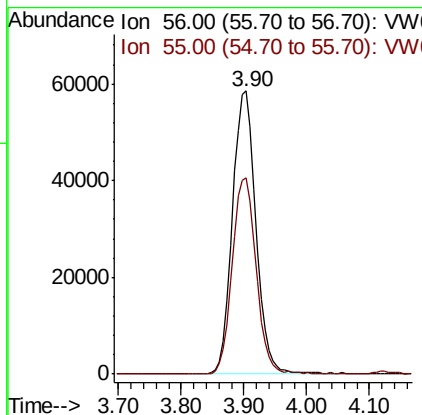
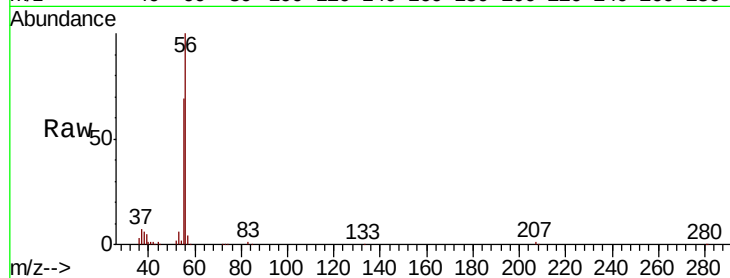
55 70.6 56.8 85.2

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#14

Allyl chloride

Concen: 101.91 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

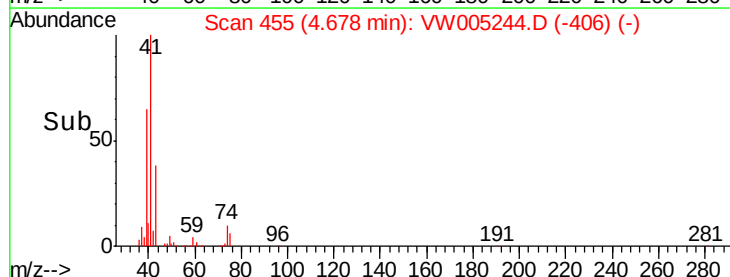
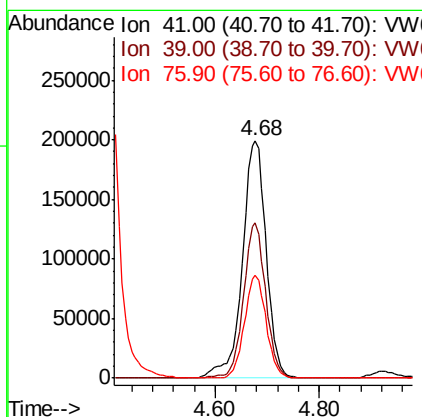
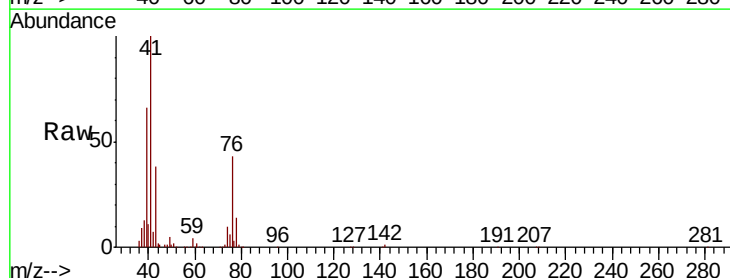
Tgt Ion: 41 Resp: 627526

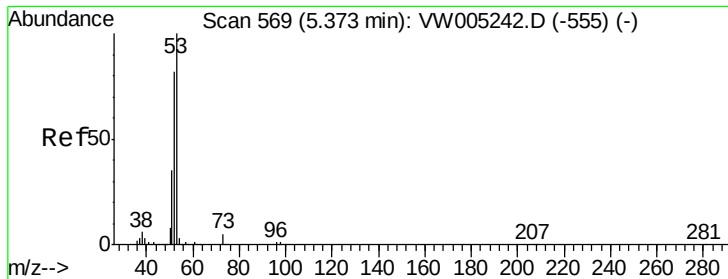
Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.4

76 39.3 31.7 47.5





#15

Acrylonitrile

Concen: 521.36 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

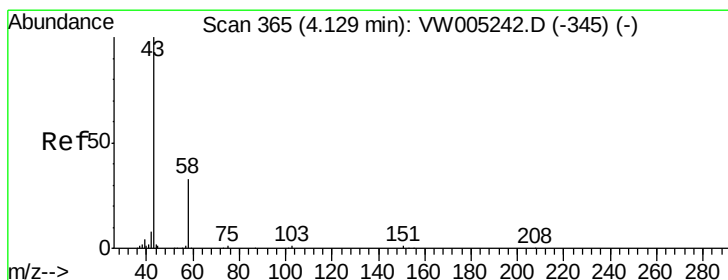
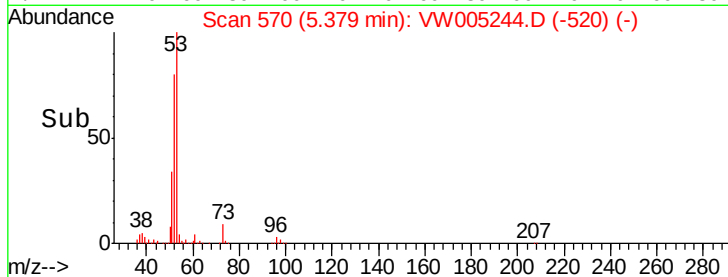
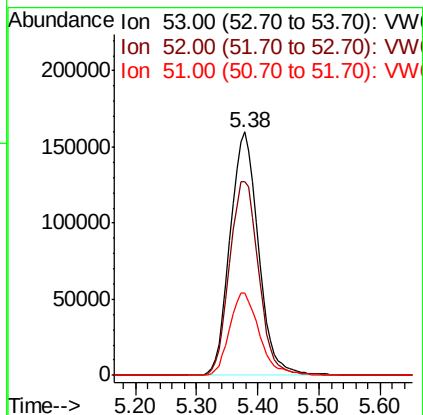
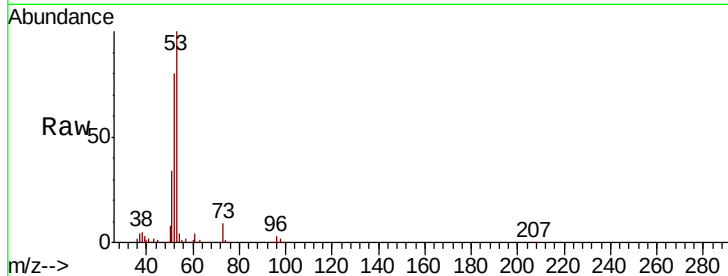
ClientSampled :

VSTDIC100

Tot Ion:	53	Resp:	510764
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	35.4	28.6	43.0

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#16

Acetone

Concen: 513.32 ug/l

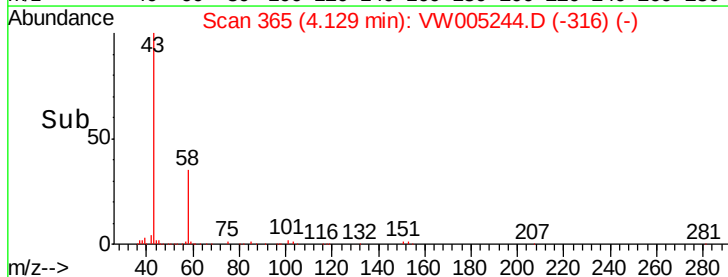
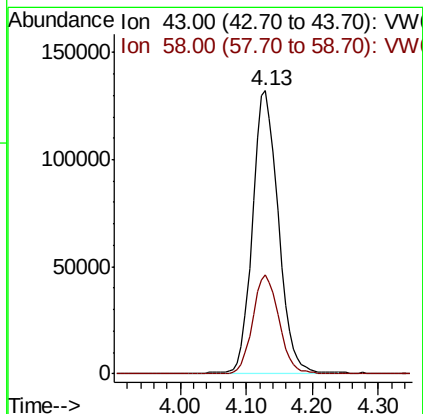
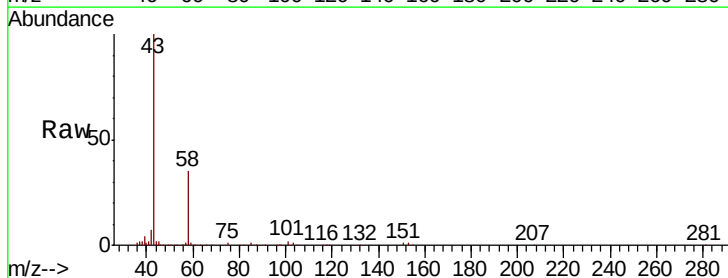
RT: 4.13 min Scan# 365

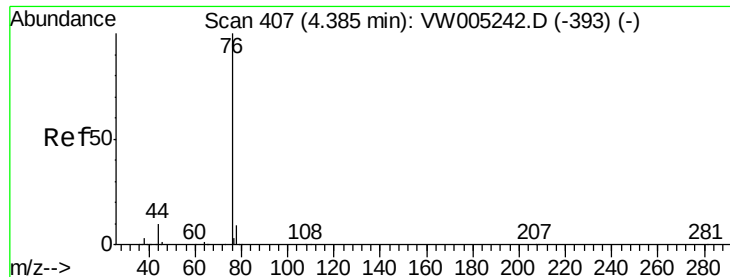
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	43	Resp:	361536
Ion	Ratio	Lower	Upper
43	100		
58	34.8	26.7	40.1





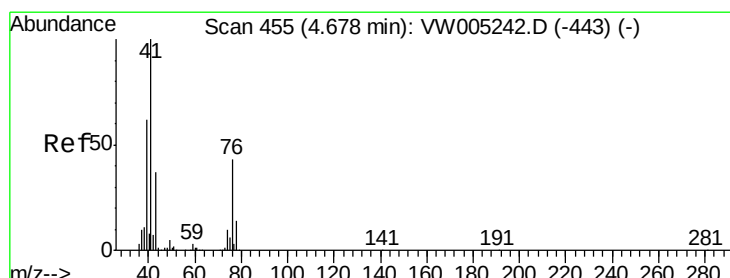
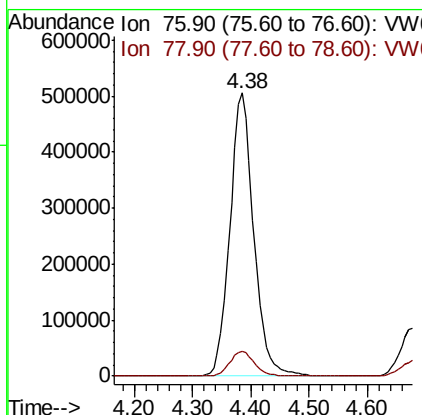
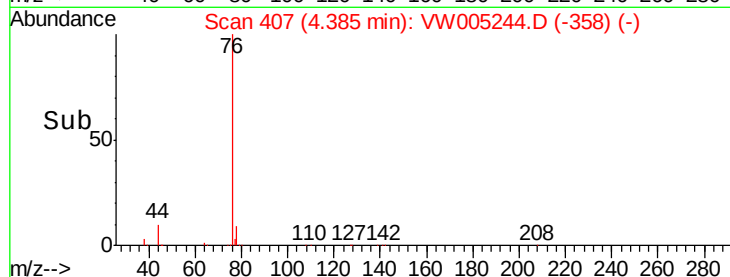
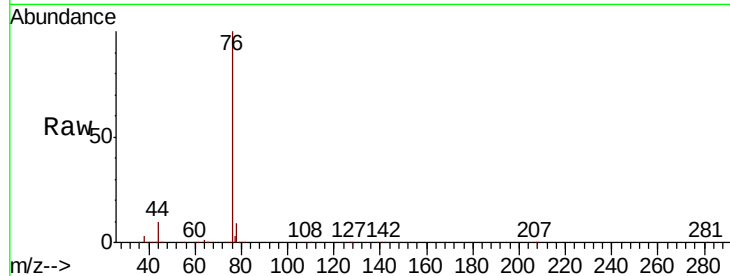
#17
Carbon Disulfide
Concen: 102.18 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 76 Resp: 1437304
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

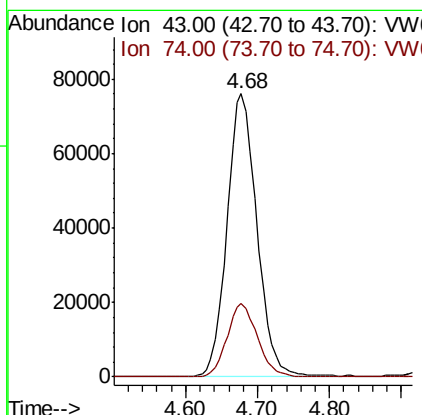
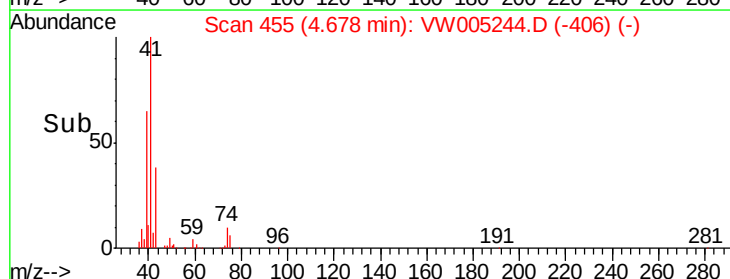
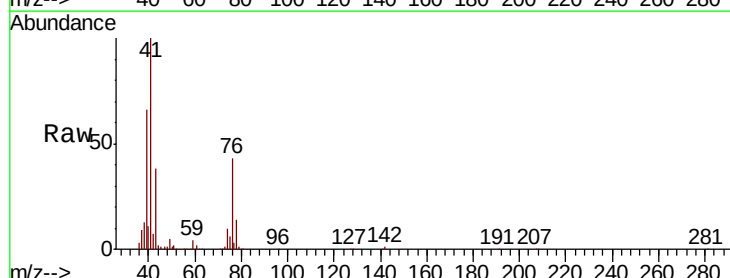
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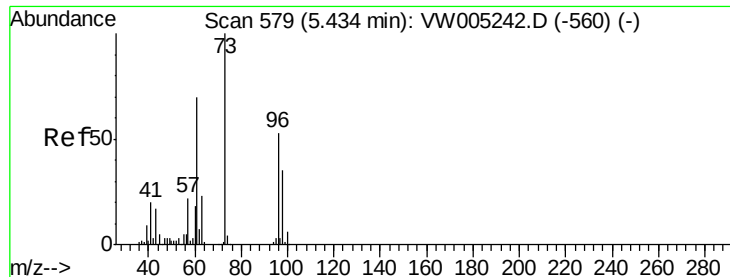
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#18
Methyl Acetate
Concen: 104.20 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion: 43 Resp: 219066
Ion Ratio Lower Upper
43 100
74 26.2 21.4 32.2





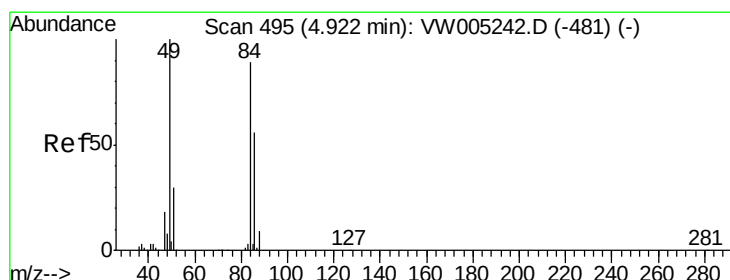
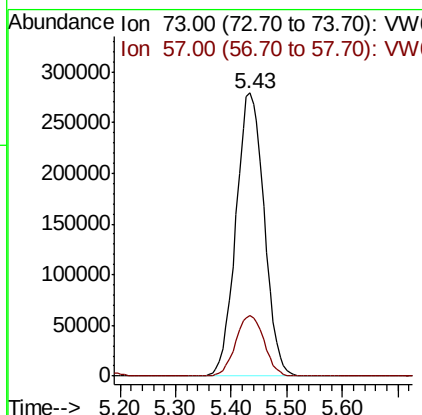
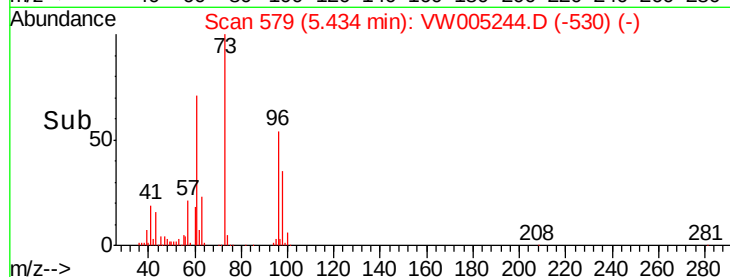
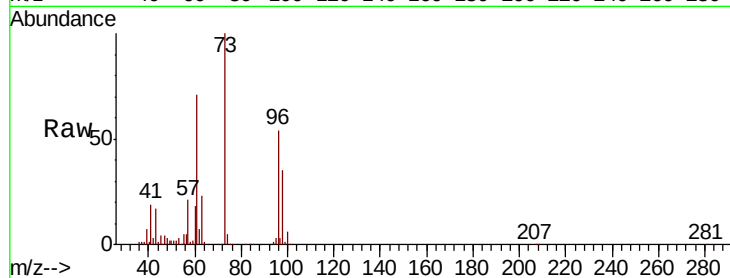
#19
Methyl tert-butyl Ether
Concen: 102.68 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.2

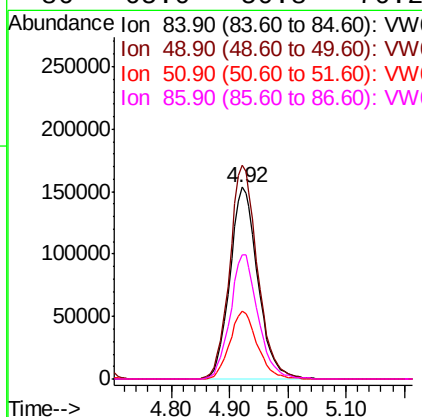
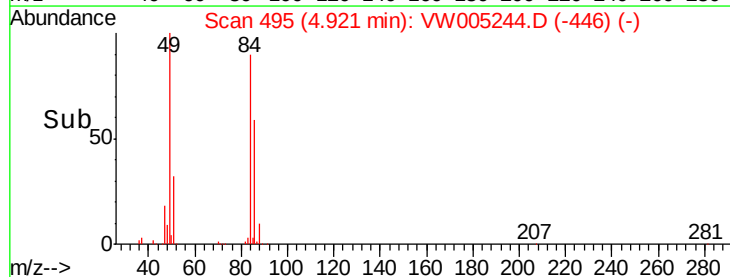
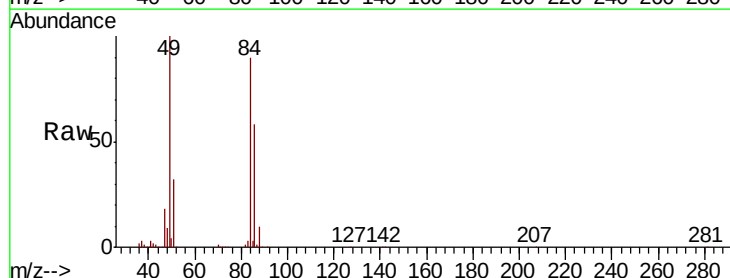
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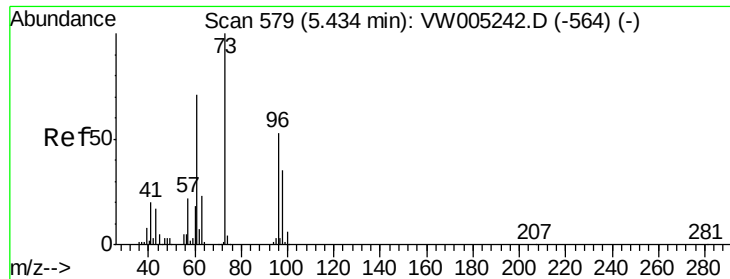
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#20
Methylene Chloride
Concen: 85.68 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	90.3	135.5
51	35.2	26.9	40.3
86	65.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 99.38 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

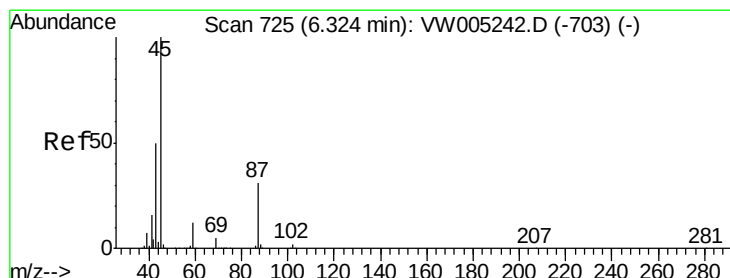
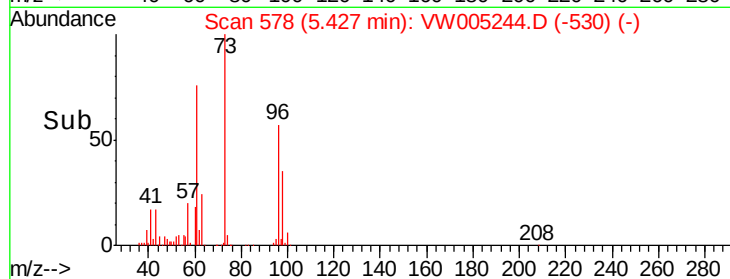
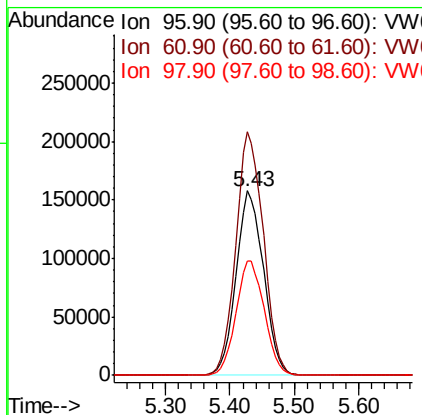
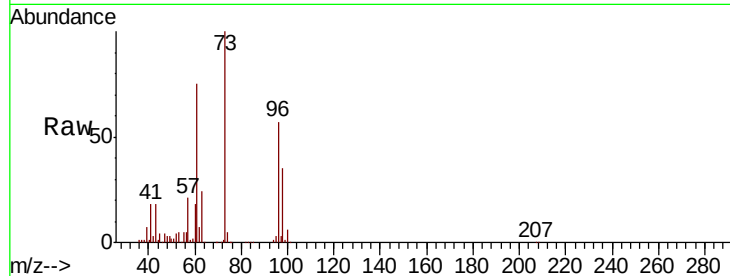
ClientSampled :

VSTDICC100

Tot Ion:	96	Resp:	465004
Ion	Ratio	Lower	Upper
96	100		
61	132.2	105.7	158.5
98	62.1	52.8	79.2

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#22

Diisopropyl ether

Concen: 103.48 ug/l

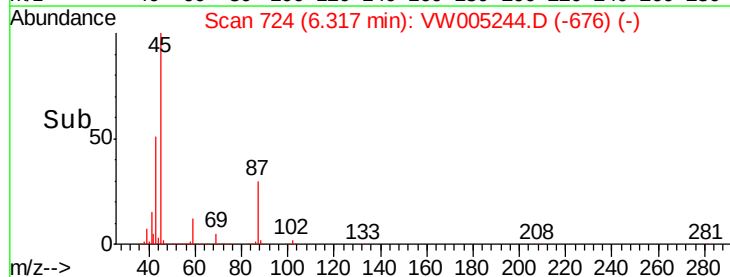
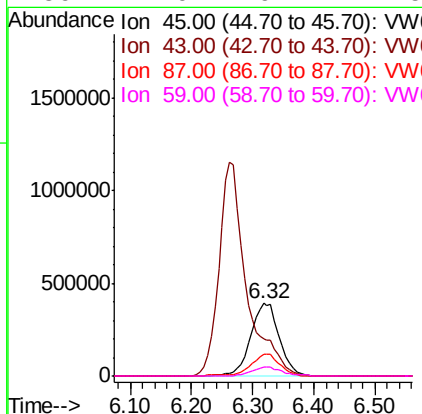
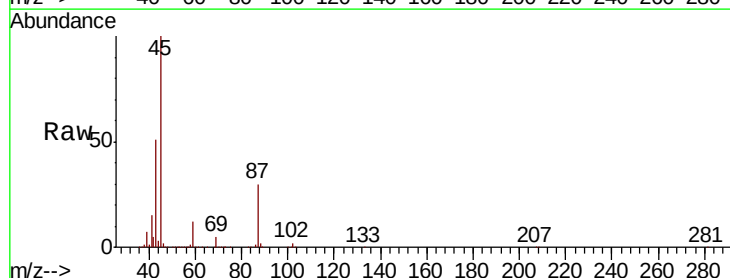
RT: 6.32 min Scan# 724

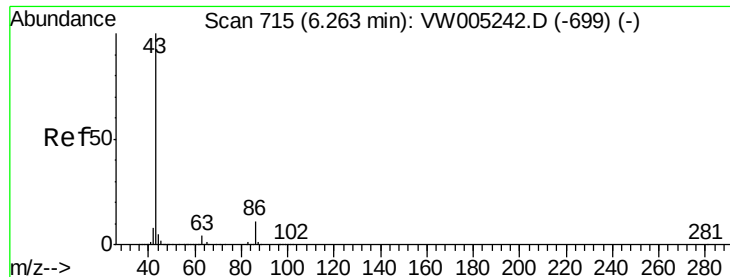
Delta R.T. -0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	45	Resp:	1282745
Ion	Ratio	Lower	Upper
45	100		
43	51.1	39.6	59.4
87	30.0	24.7	37.1
59	12.0	9.7	14.5





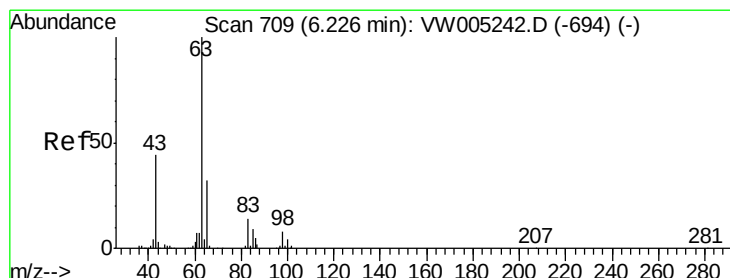
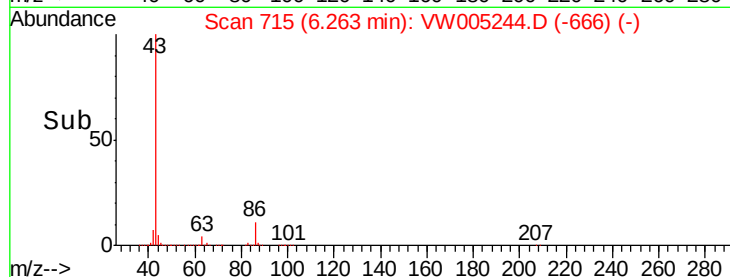
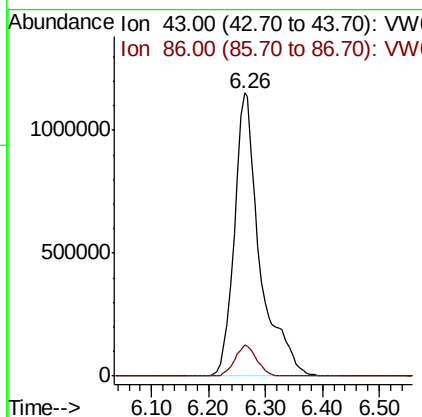
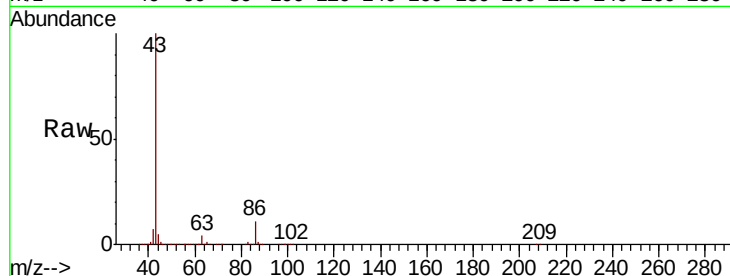
#23
 Vinyl Acetate
 Concen: 520.90 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 43 Resp: 3598578
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

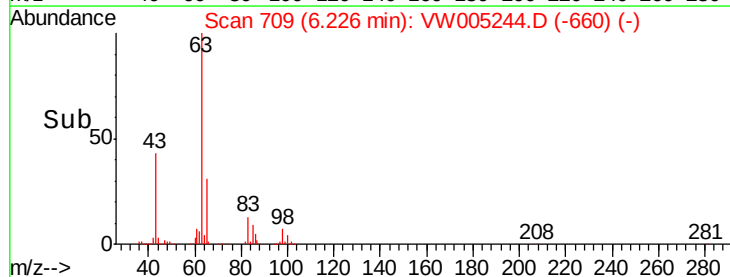
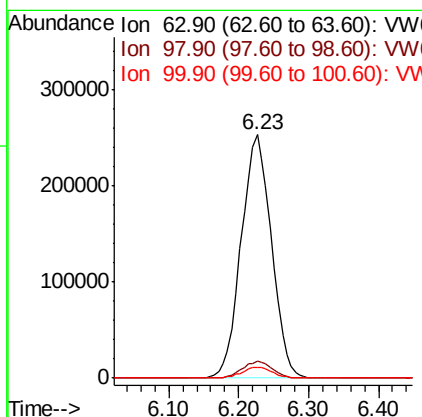
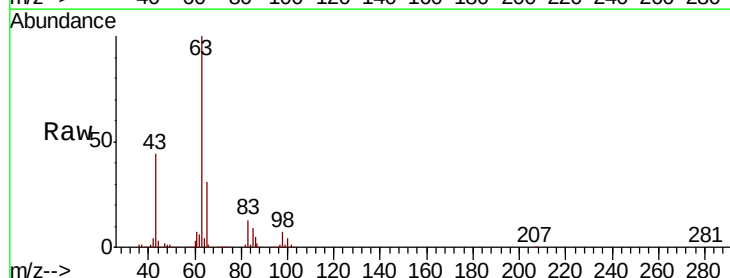
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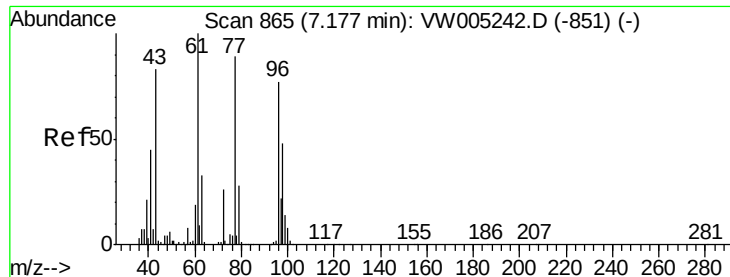
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#24
 1,1-Dichloroethane
 Concen: 99.53 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion: 63 Resp: 759454
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 506.58 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 562783

Ion Ratio Lower Upper

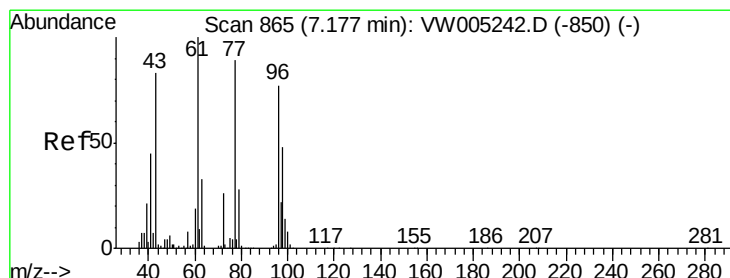
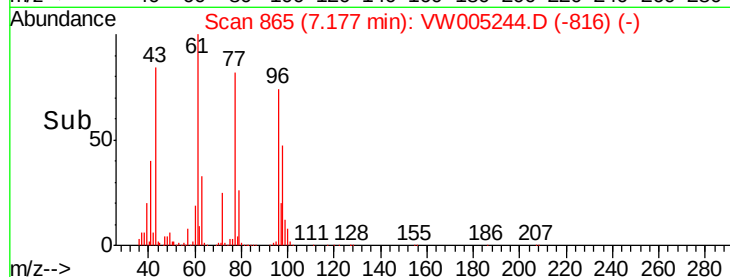
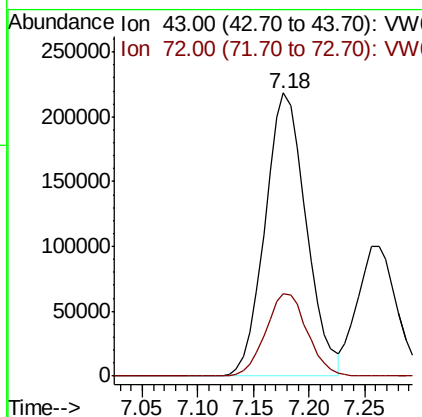
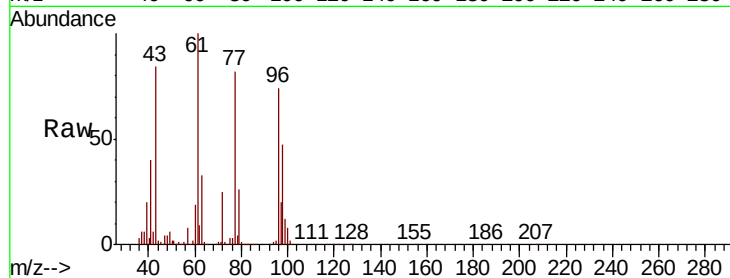
43 100

72 29.1 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 92.67 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005244.D

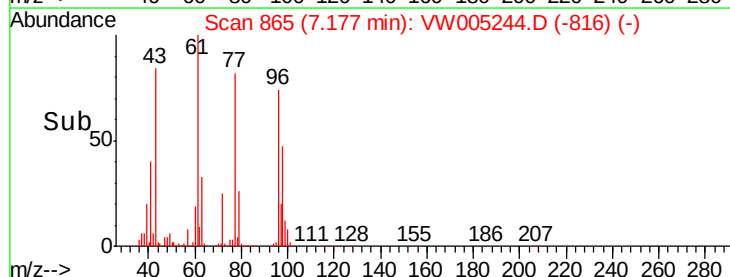
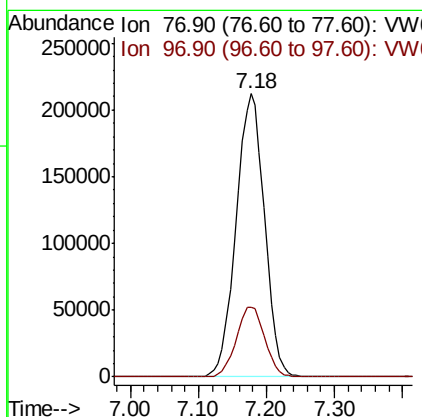
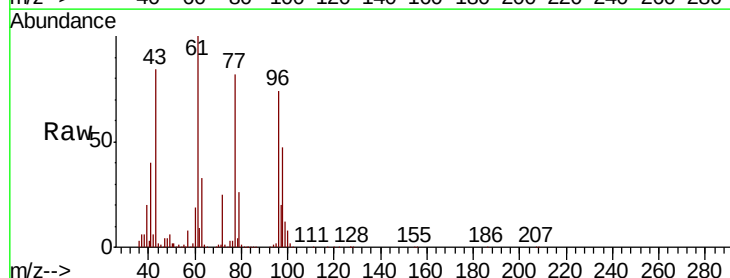
Acq: 10 Sep 2018 16:14

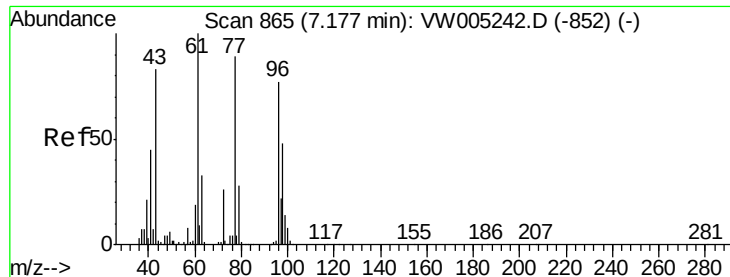
Tgt Ion: 77 Resp: 613086

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 99.66 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

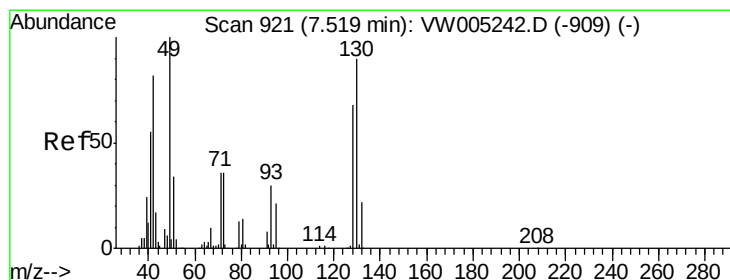
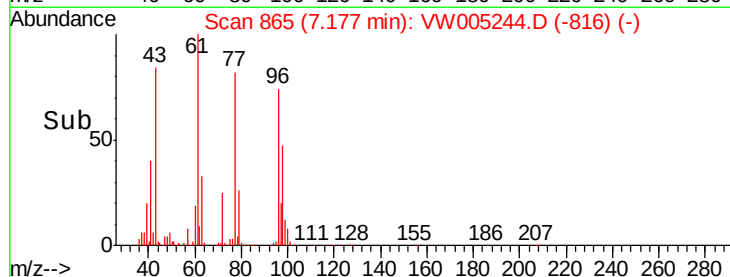
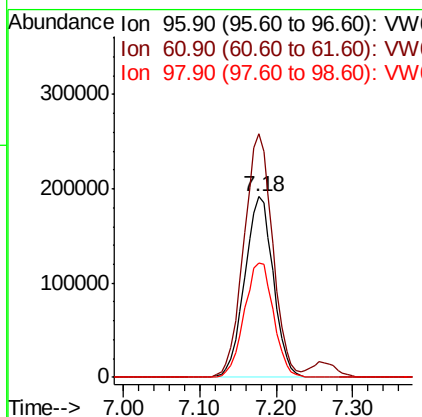
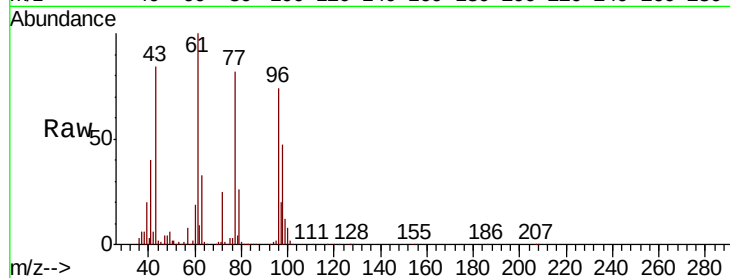
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	499038
Ion Ratio	Lower	Upper	
96	100		
61	135.8	0.0	273.4
98	64.8	0.0	127.8

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#28

Bromochloromethane

Concen: 98.98 ug/l

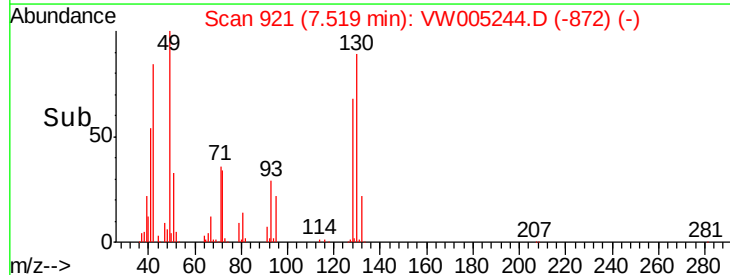
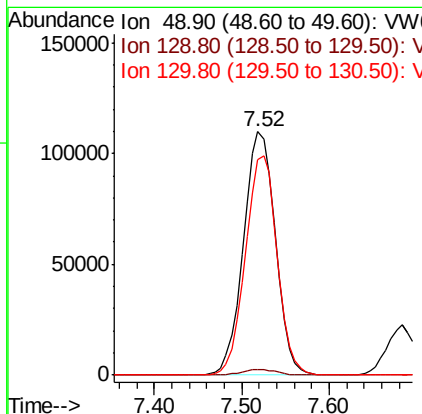
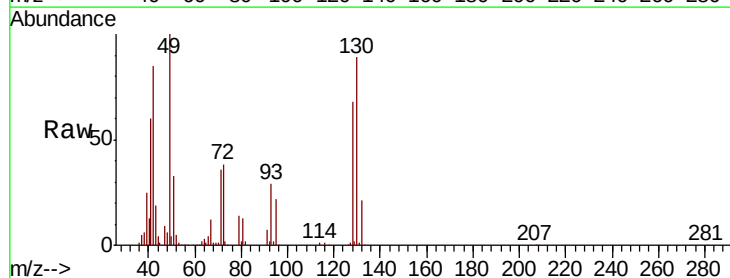
RT: 7.52 min Scan# 921

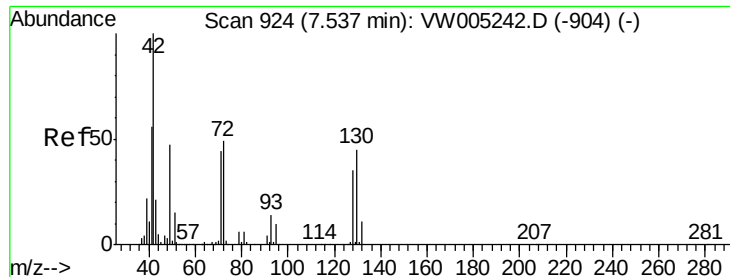
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	49	Resp:	278639
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	2.0#
130	89.2	71.2	106.8





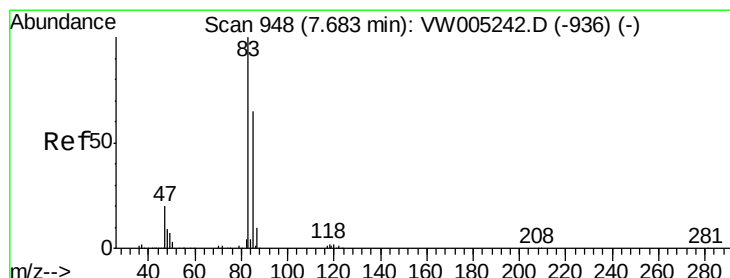
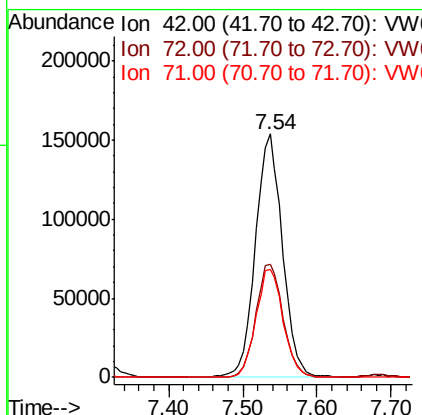
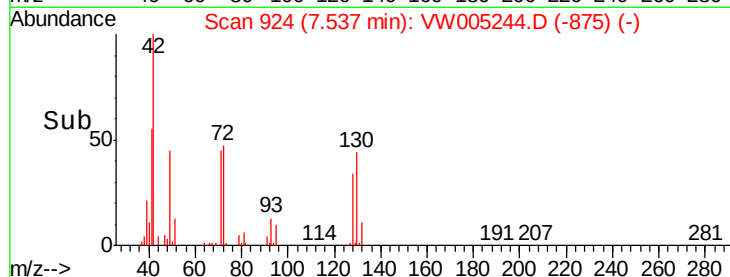
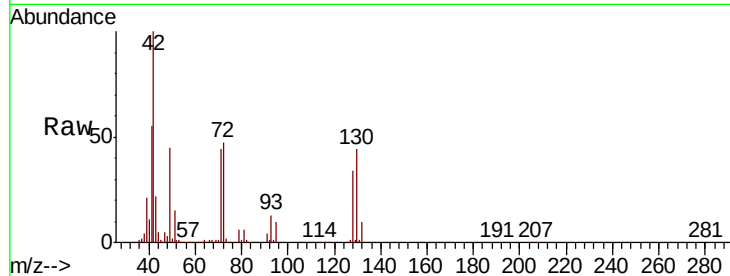
#29
Tetrahydrofuran
Concen: 521.21 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.5	56.3
71	44.6	34.8	52.2

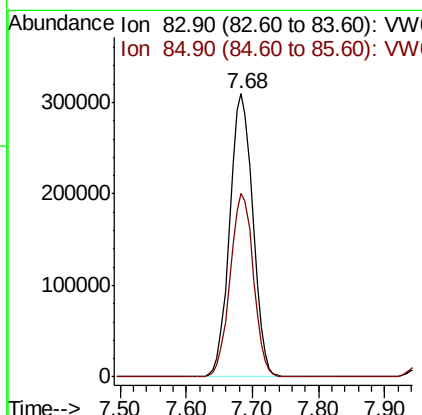
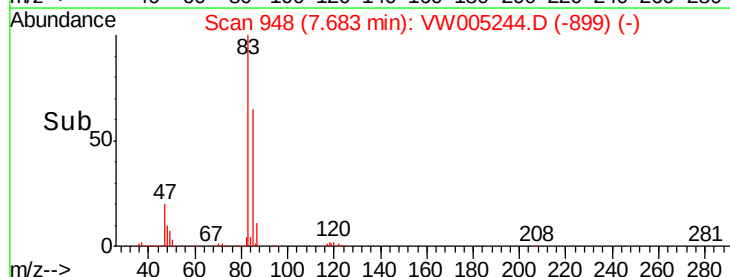
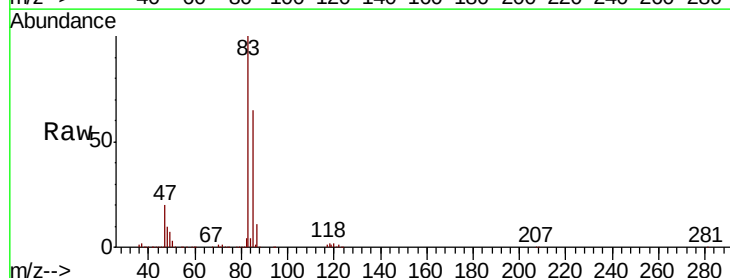
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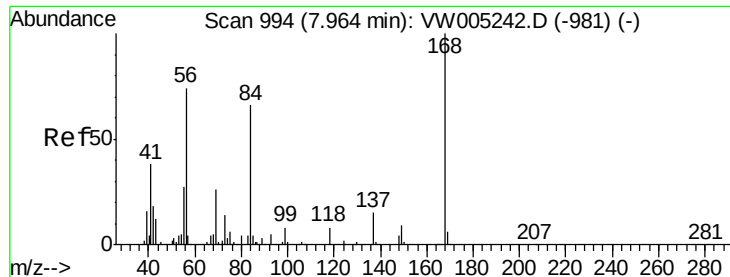
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#30
Chloroform
Concen: 97.96 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5





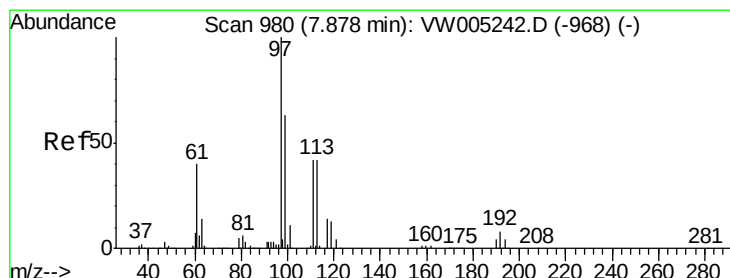
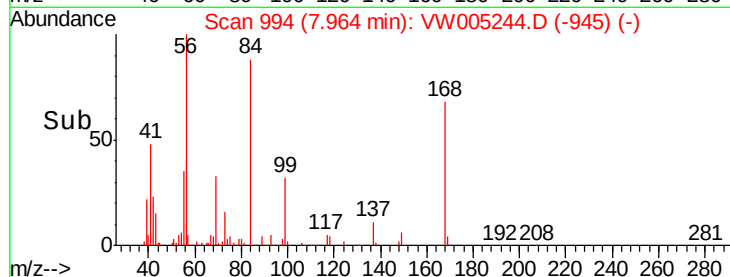
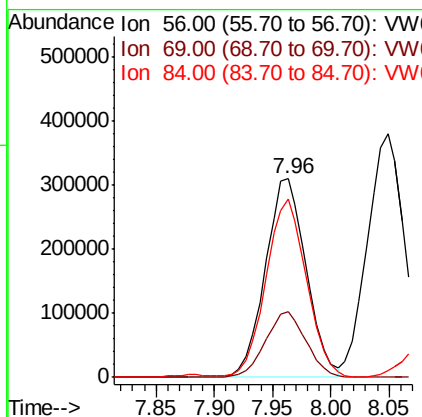
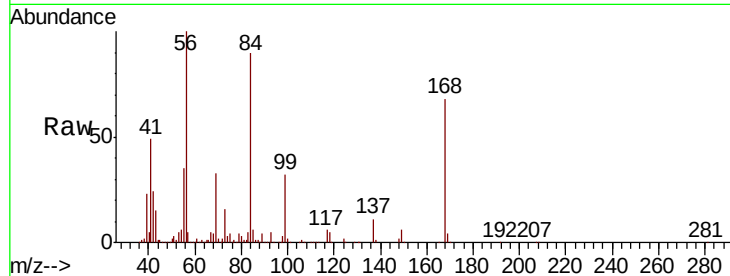
#31
Cyclohexane
Concen: 92.97 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.8	41.8
84	88.3	72.1	108.1

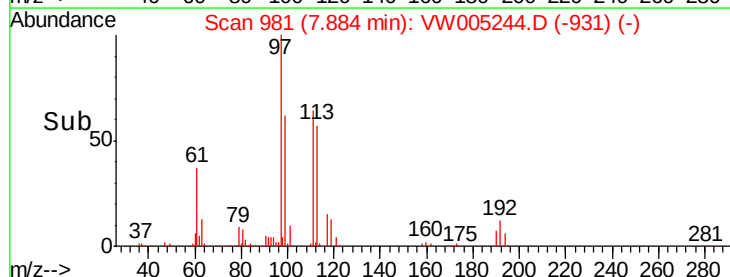
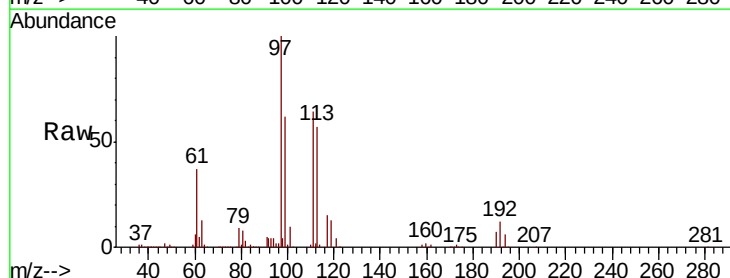
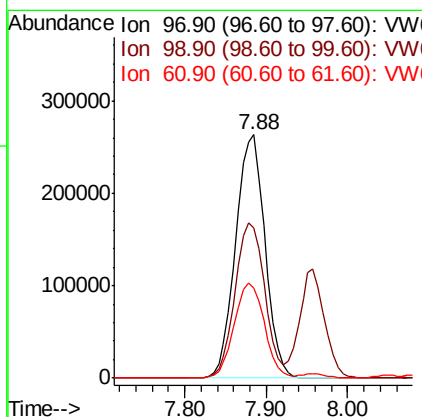
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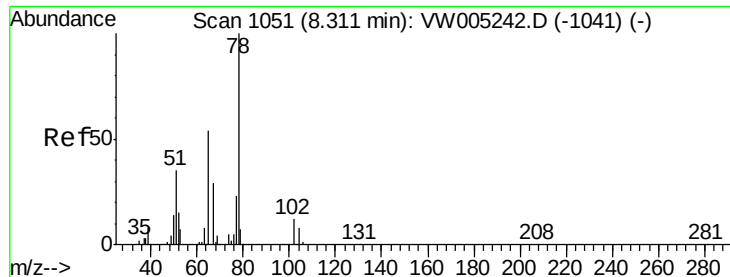
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#32
1,1,1-Trichloroethane
Concen: 94.73 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	40.2	32.5	48.7





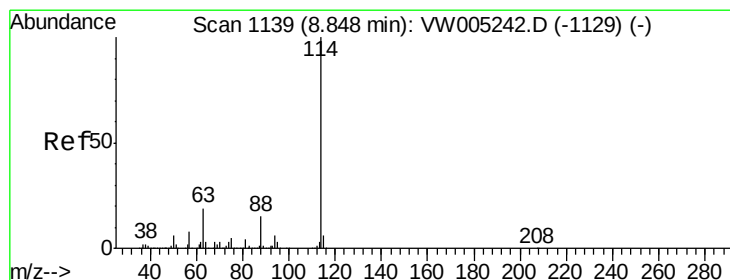
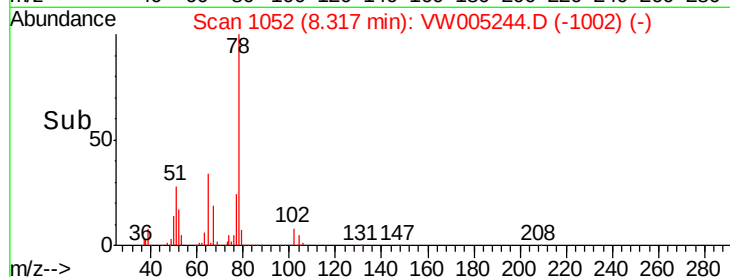
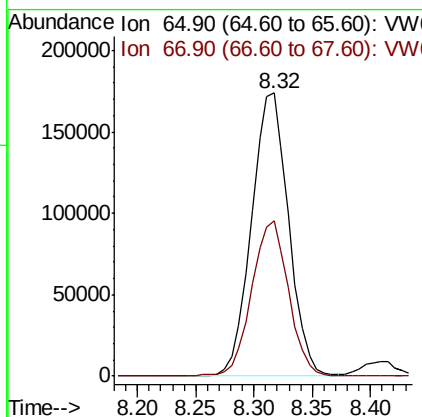
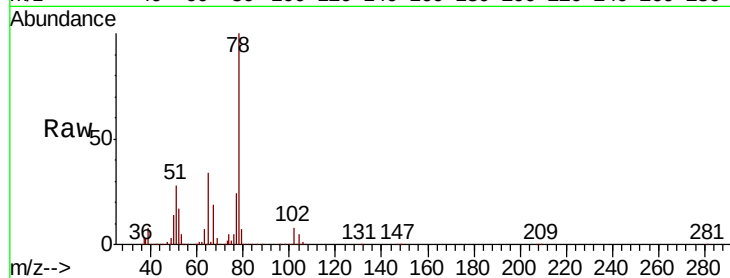
#33
 1,2-Dichloroethane-d4
 Concen: 101.50 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	385143		
67	54.8	0.0	112.2	

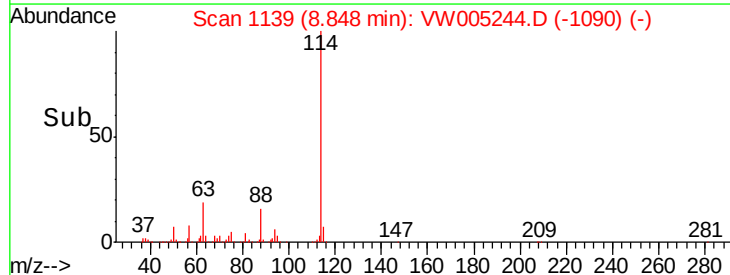
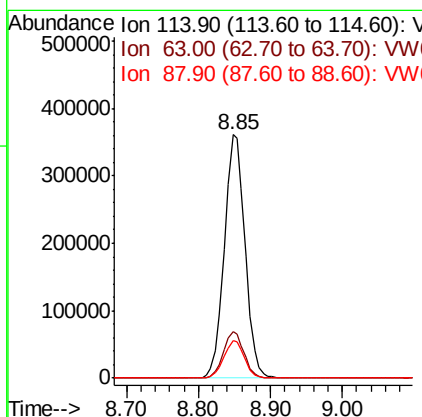
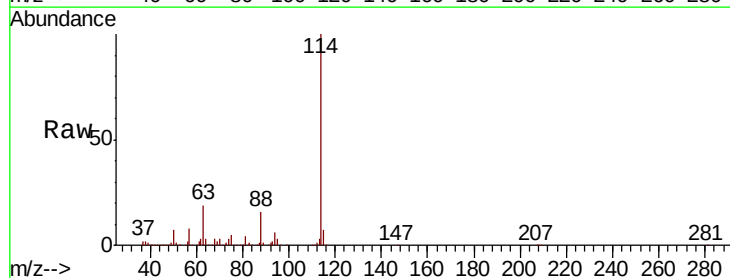
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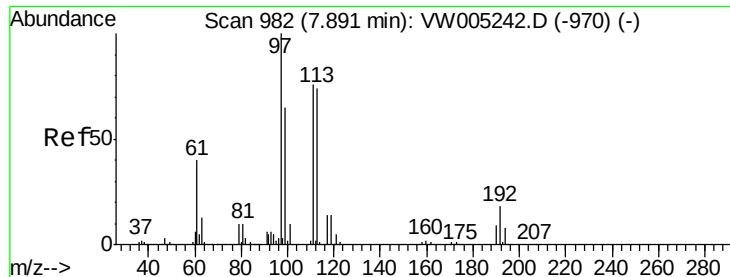
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	722067		
63	19.0	0.0	37.0	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 105.88 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

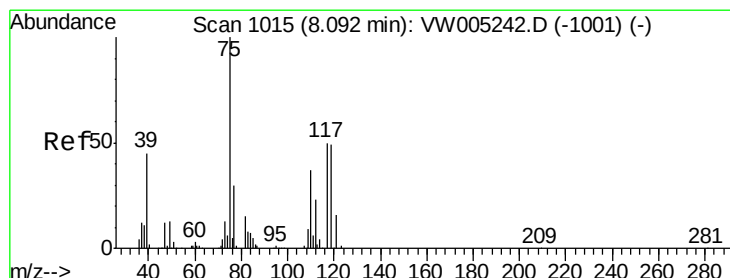
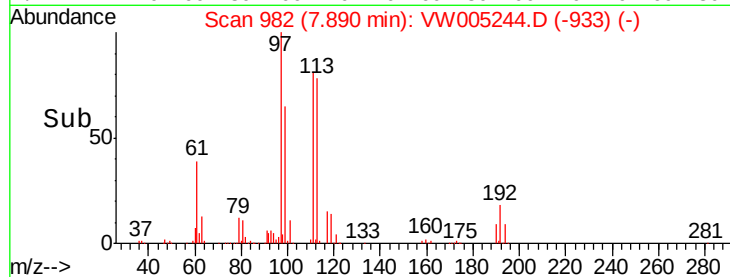
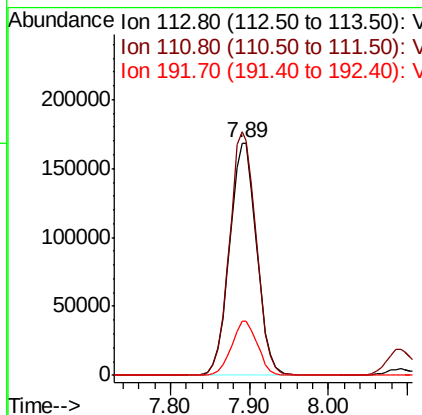
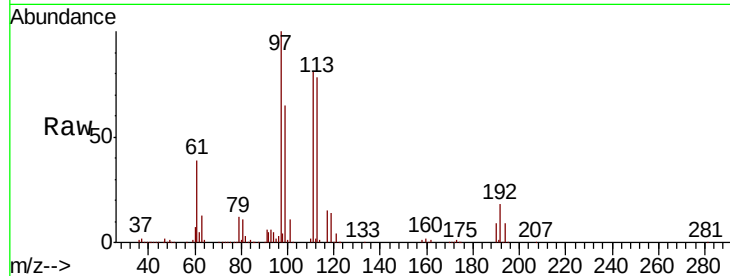
ClientSampleId :

VSTDICC100

Tot Ion:	113	Resp:	400488
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.6	121.0
192	22.6	18.3	27.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 97.58 ug/l

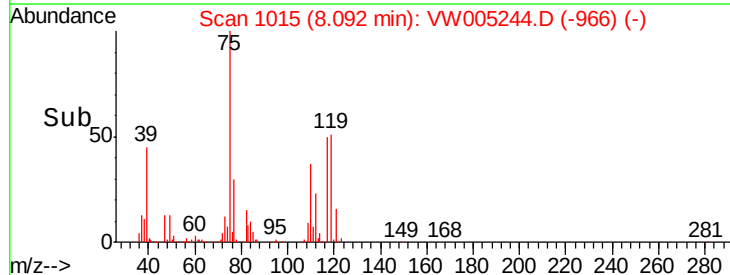
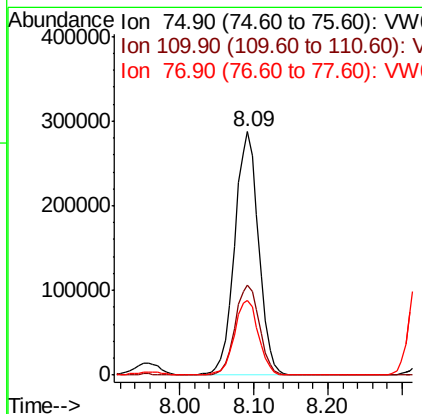
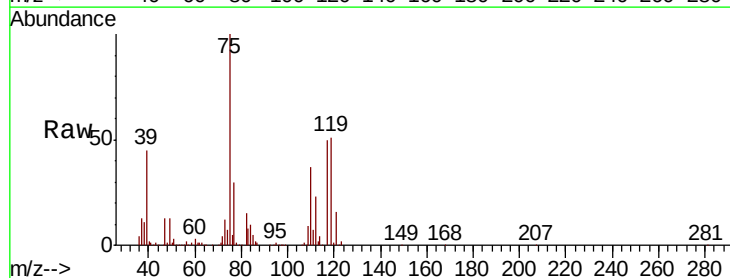
RT: 8.09 min Scan# 1015

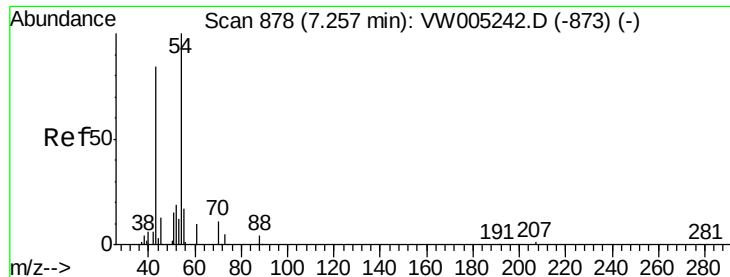
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	75	Resp:	645542
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.8	56.4
77	31.4	24.9	37.3





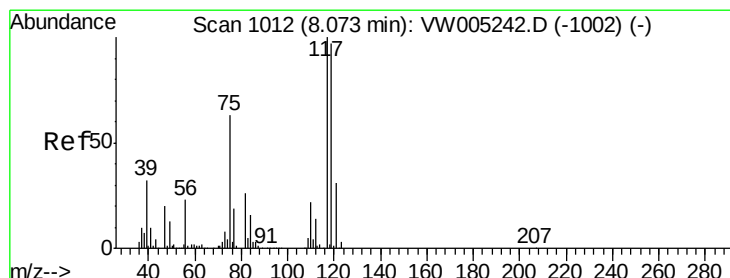
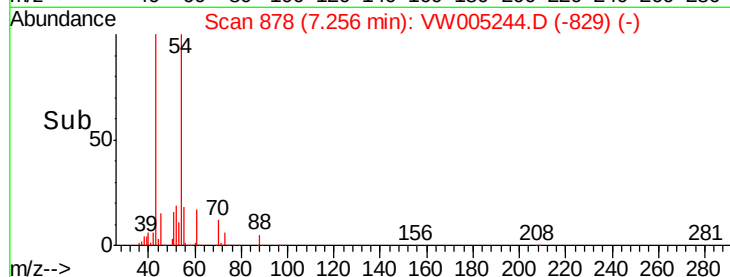
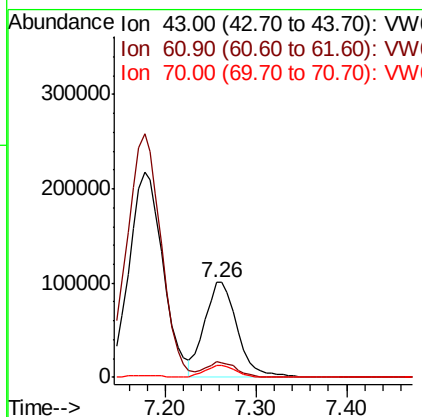
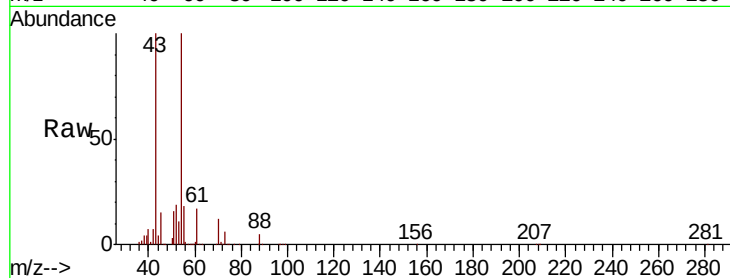
#37
Ethyl Acetate
Concen: 101.01 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	12.0	9.5	14.3

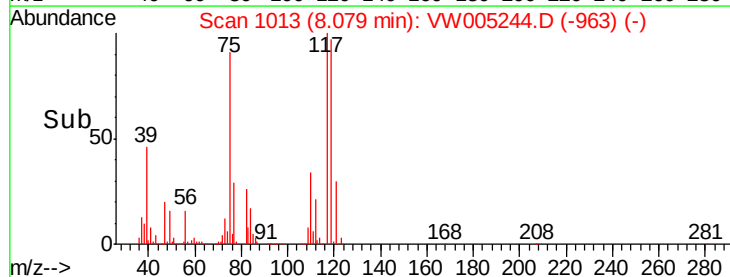
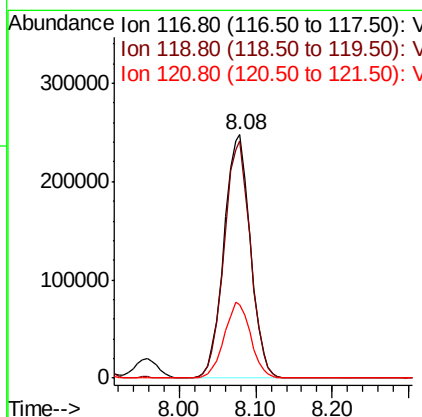
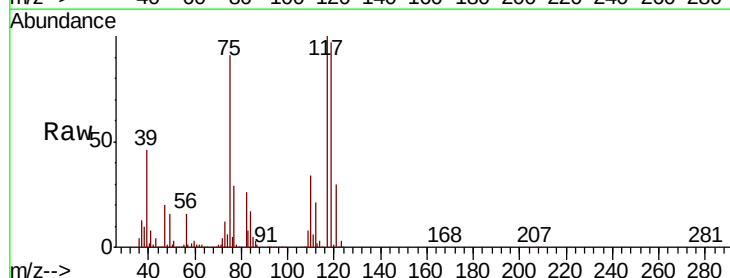
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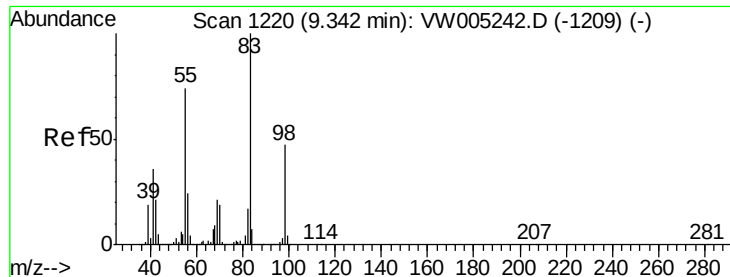
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#38
Carbon Tetrachloride
Concen: 95.48 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.5	116.3
121	30.2	24.7	37.1





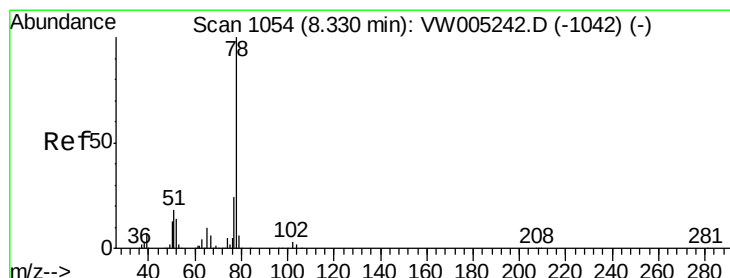
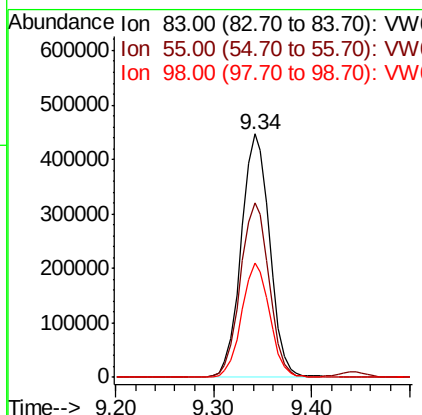
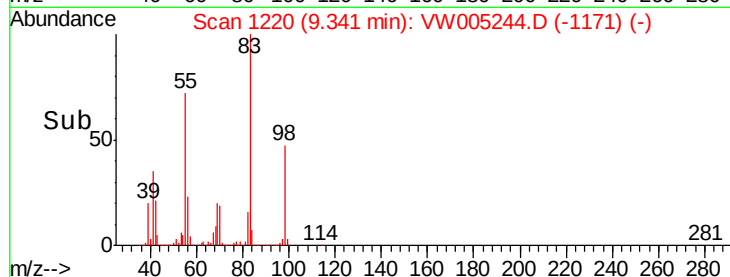
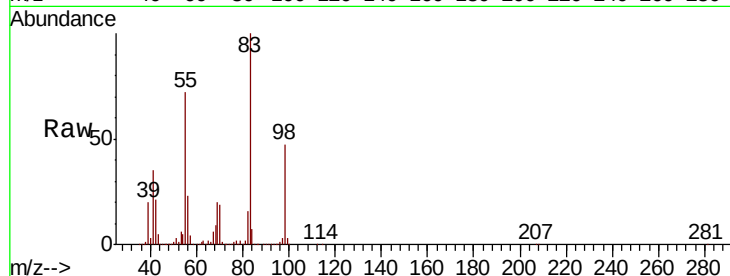
#39
Methylvlcyclohexane
Concen: 102.71 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.9	88.3
98	47.0	37.6	56.4

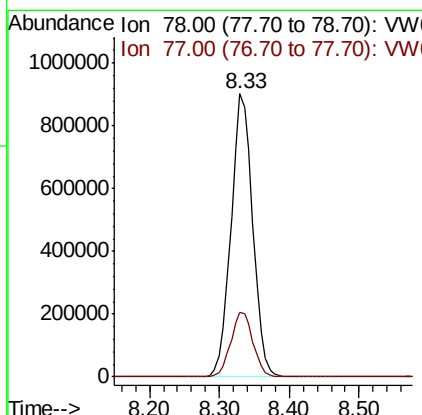
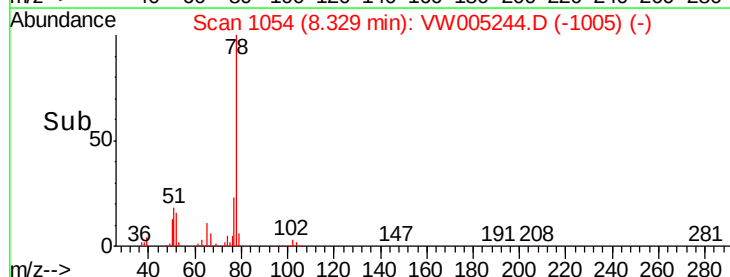
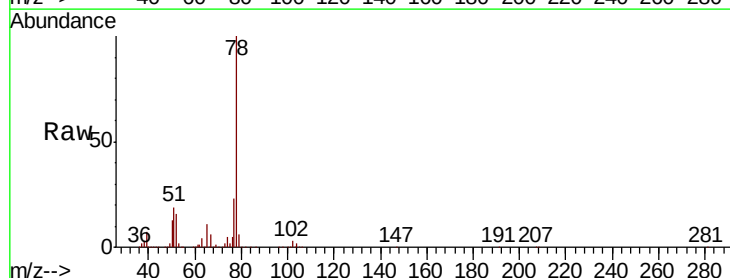
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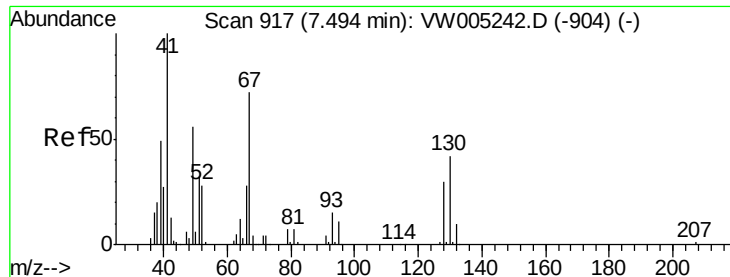
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#40
Benzene
Concen: 99.58 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.9	28.3





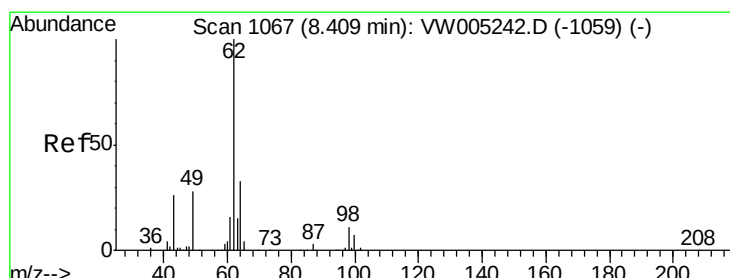
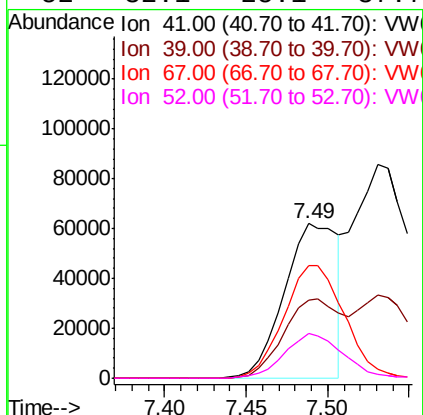
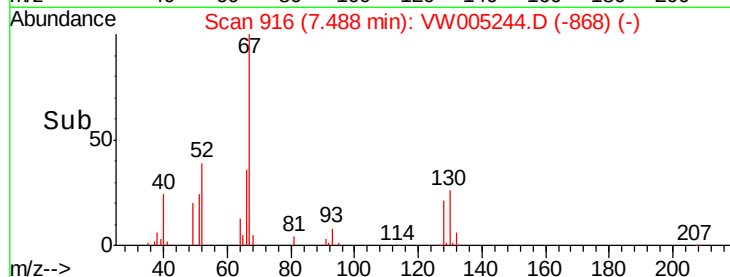
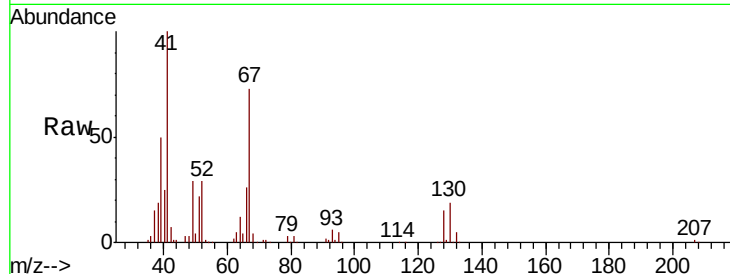
#41
Methacrylonitrile
Concen: 109.12 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		140873		
39	56.5	39.9	59.9		
67	82.6	65.7	98.5		
52	32.1	25.1	37.7		

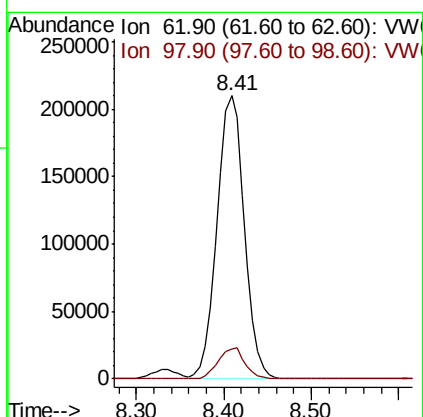
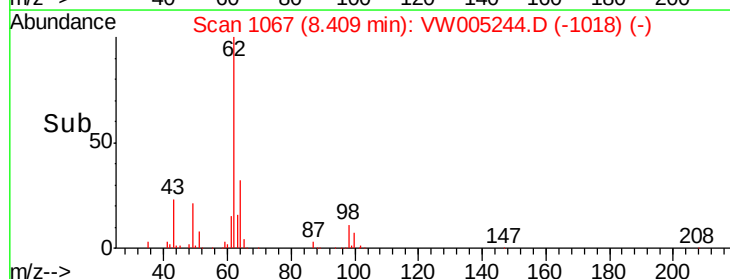
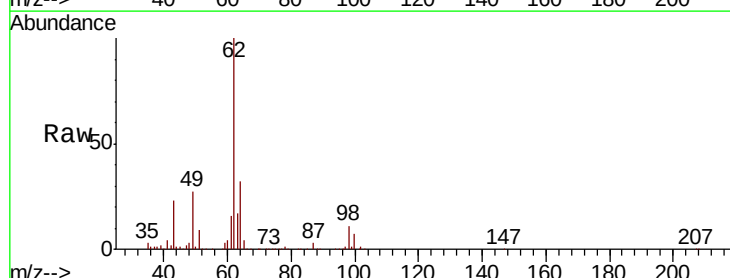
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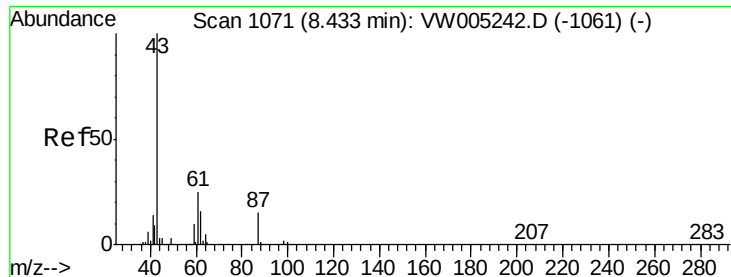
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#42
1,2-Dichloroethane
Concen: 97.29 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		453608		
98	10.7	0.0	22.0		





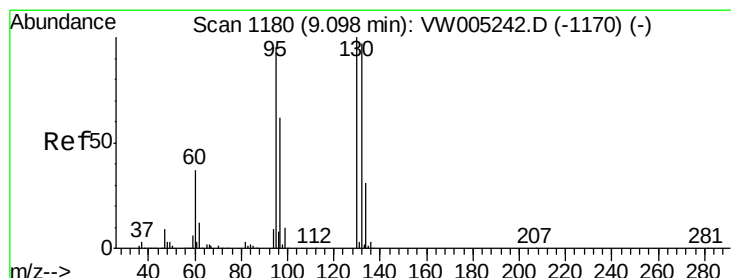
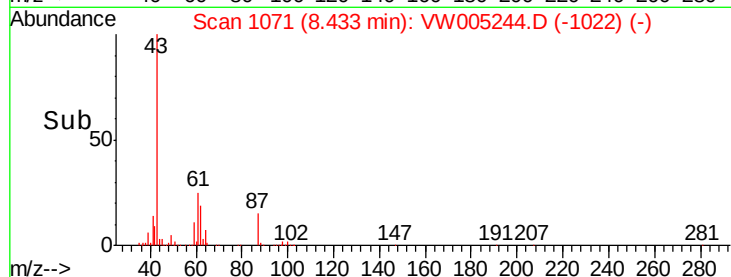
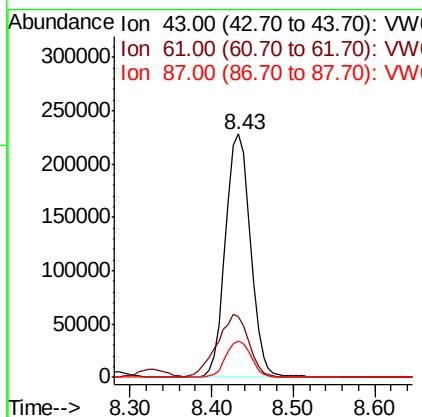
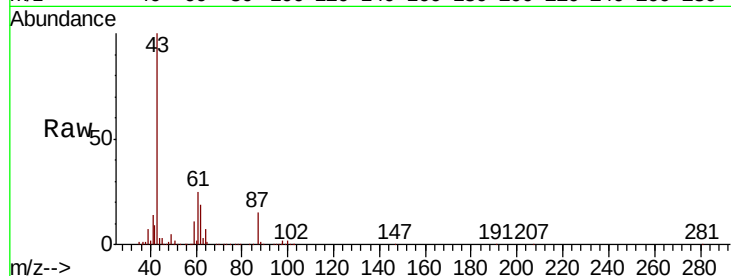
#43
Isopropyl Acetate
Concen: 103.30 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	482699
Ion Ratio	Lower	Upper	
43	100		
61	32.9	25.4	38.0
87	15.1	11.9	17.9

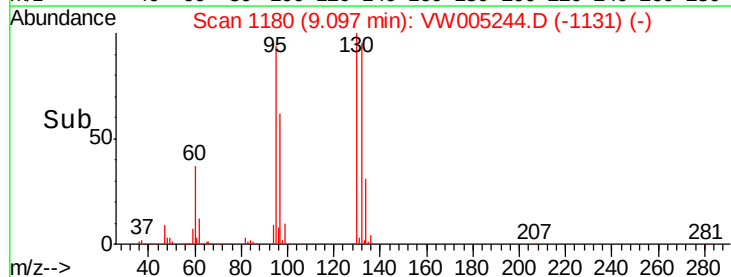
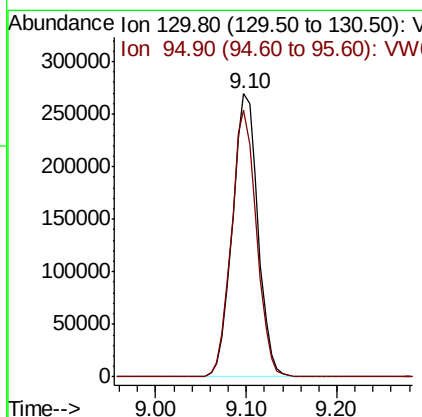
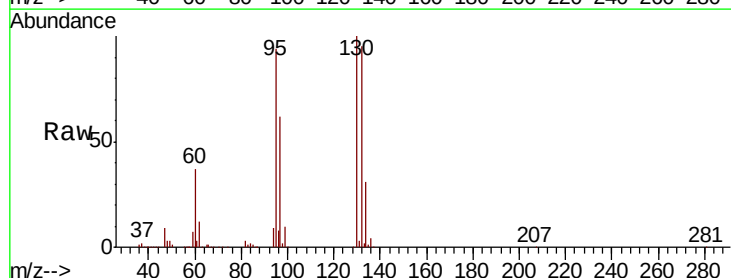
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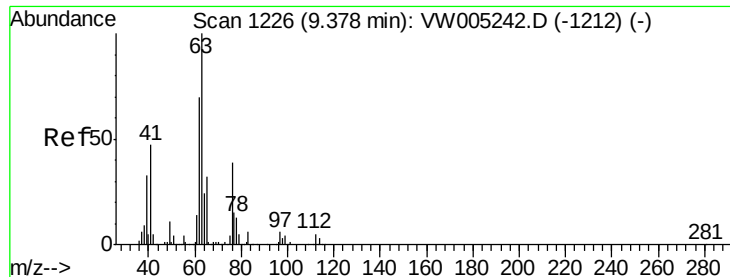
apatel
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#44
Trichloroethene
Concen: 98.33 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	130	Resp	525746
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	189.6





#45

1,2-Dichloropropane

Concen: 99.16 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 63 Resp: 464508

Ion Ratio Lower Upper

63 100

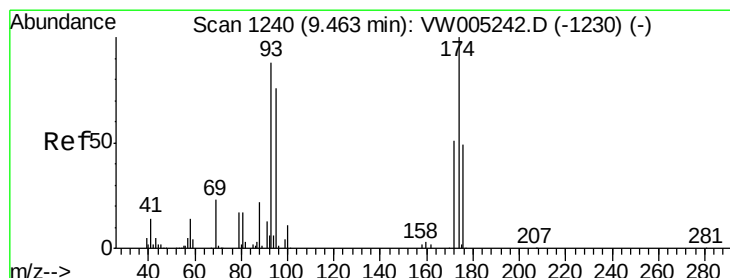
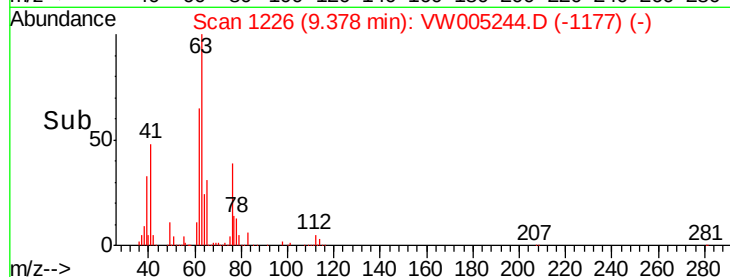
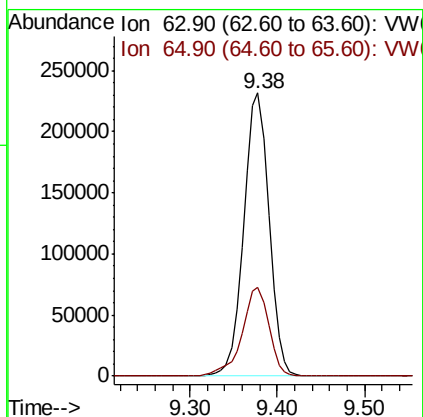
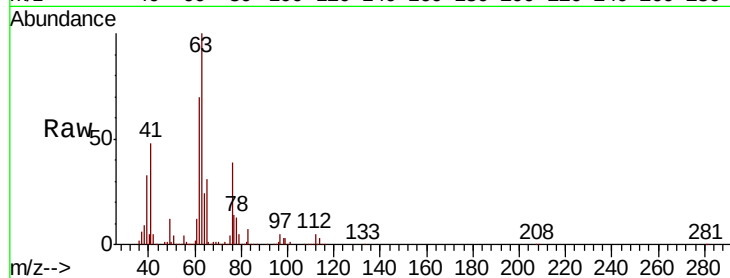
65 31.3 25.4 38.2

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#46

Dibromomethane

Concen: 99.77 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

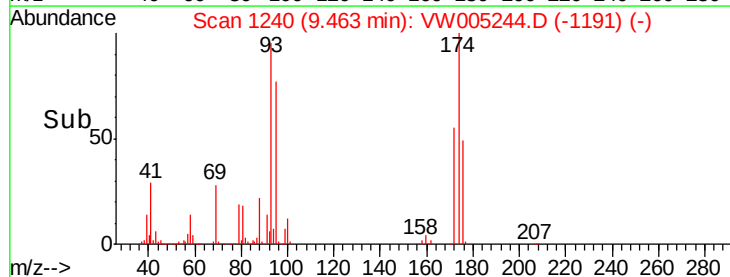
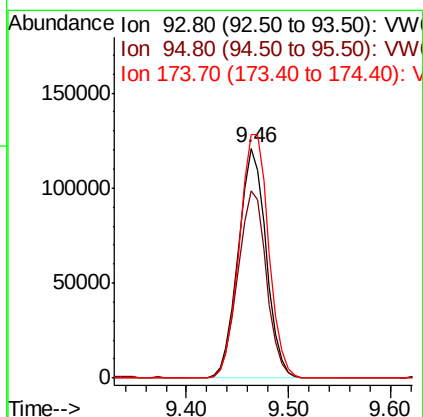
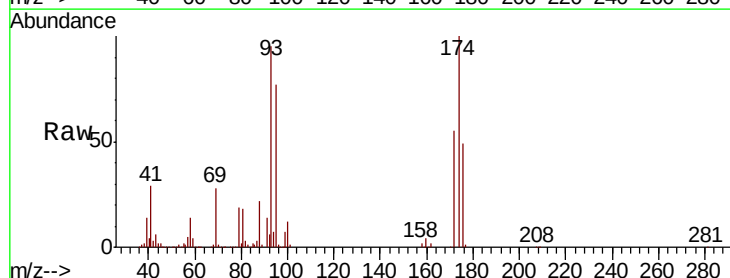
Tgt Ion: 93 Resp: 228769

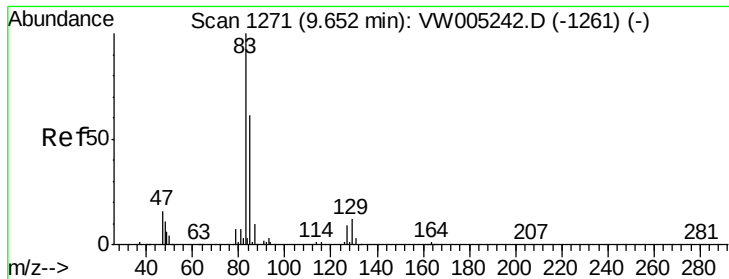
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.4

174 111.9 92.2 138.2





#47

Bromodichloromethane

Concen: 98.56 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

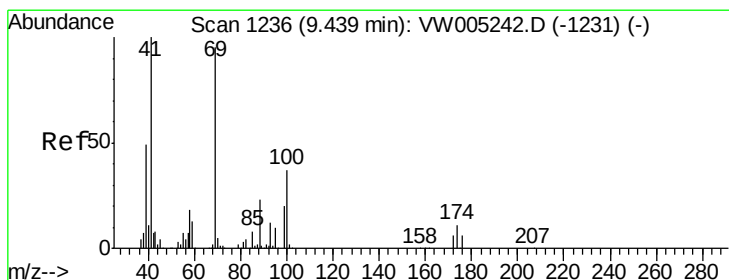
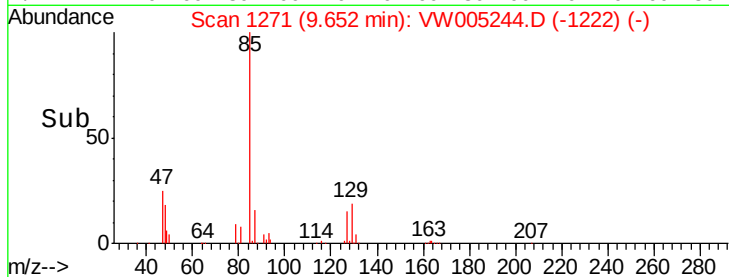
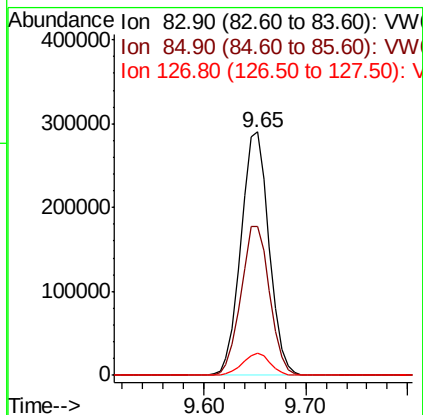
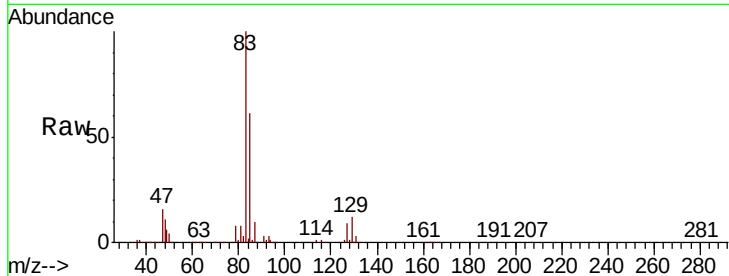
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	552829
Ion Ratio	Lower	Upper	
83	100		
85	61.4	49.0	73.6
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 111.60 ug/l

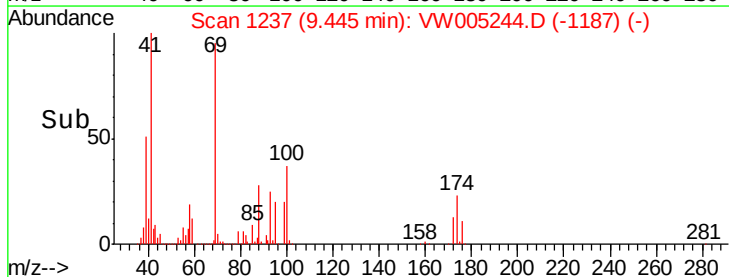
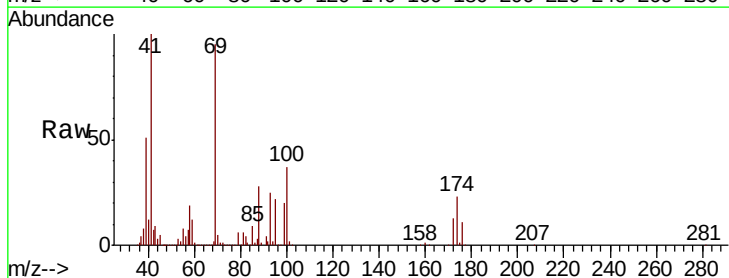
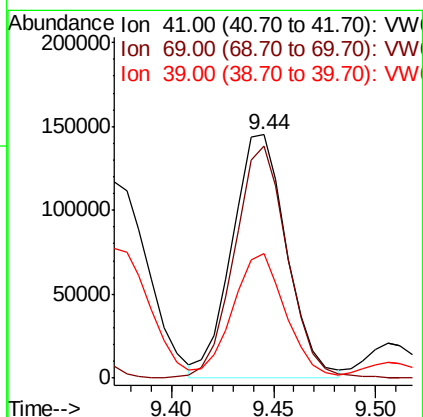
RT: 9.44 min Scan# 1237

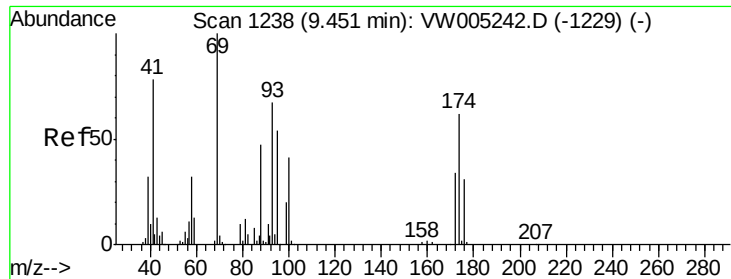
Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	41	Resp:	270771
Ion Ratio	Lower	Upper	
41	100		
69	92.4	74.6	112.0
39	46.2	36.7	55.1





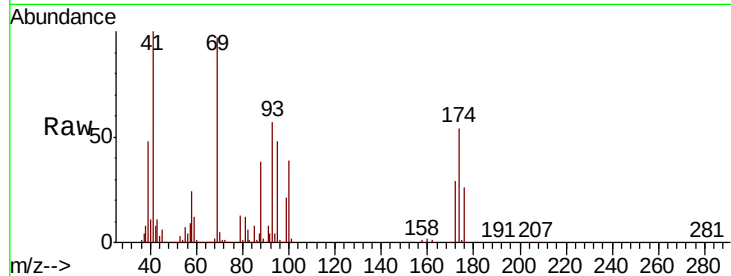
#49
1,4-Dioxane
Concen: 2034.27 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.7	34.1
58	67.6	56.6	85.0

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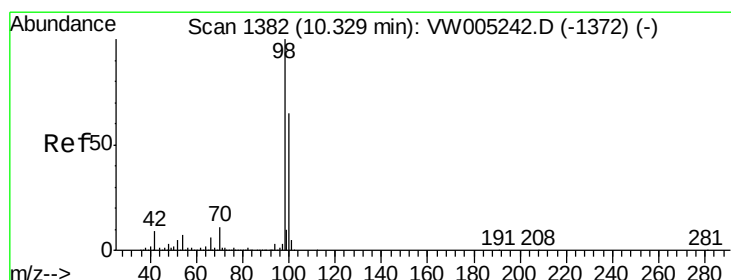
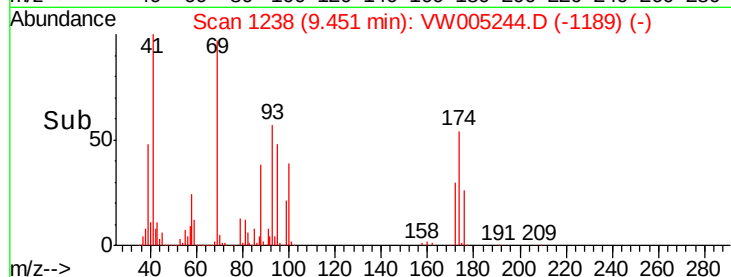
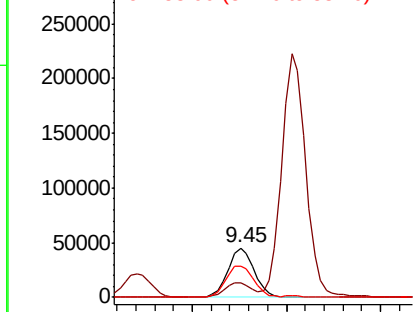


Abundance

Ion 88.00 (87.70 to 88.70): VW

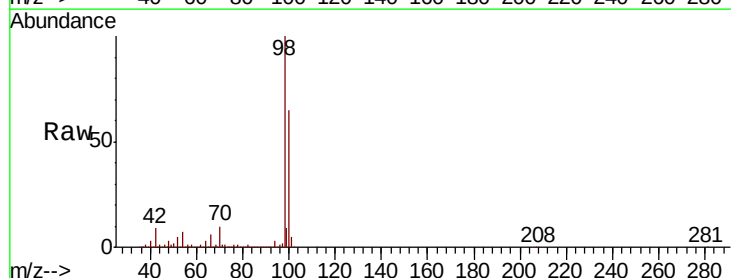
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 108.08 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

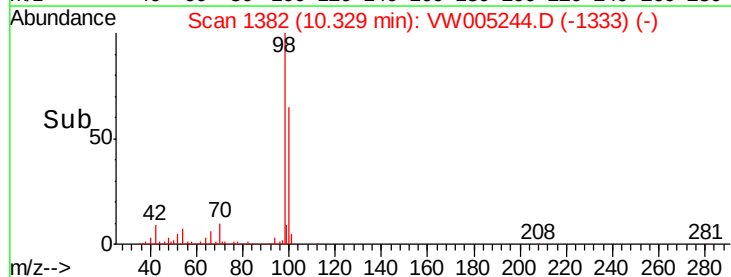
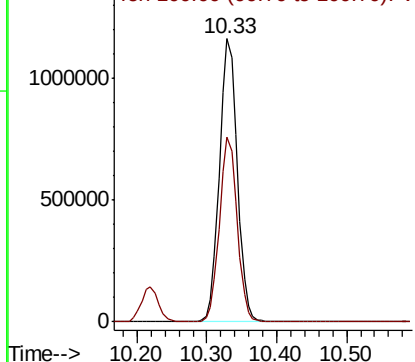
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

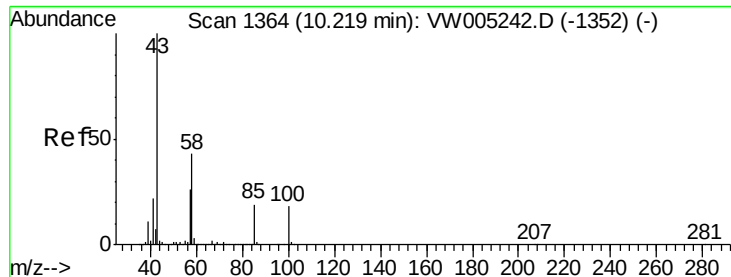


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





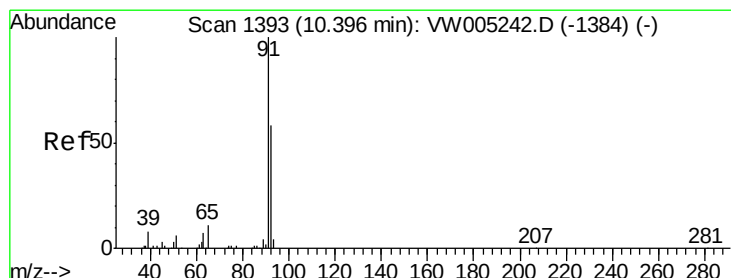
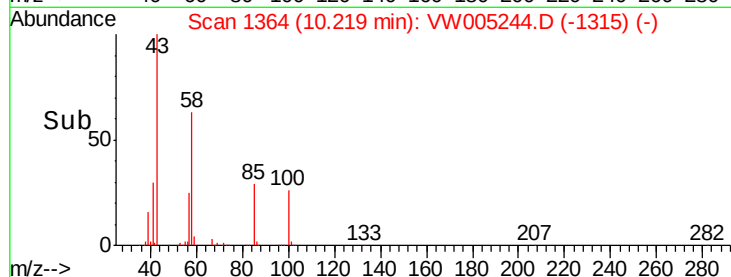
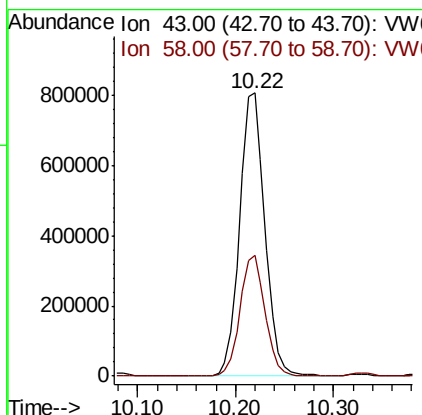
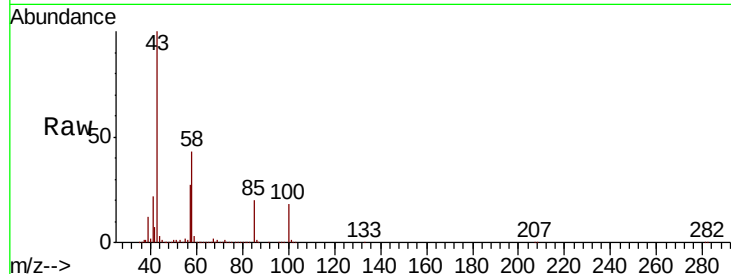
#51
 4-Methyl-2-Pentanone
 Concen: 547.28 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 43 Resp: 1439085
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.8 50.6

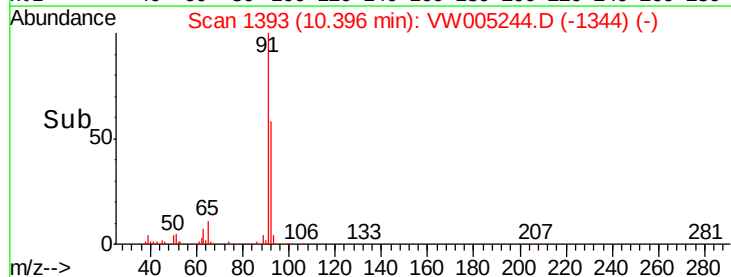
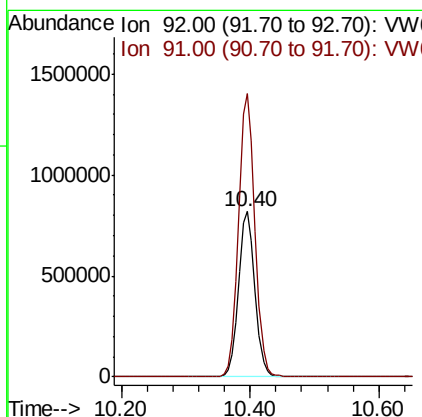
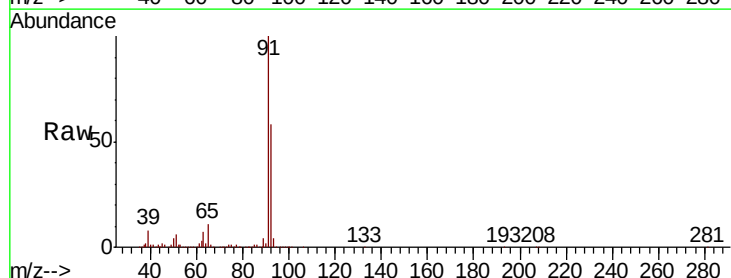
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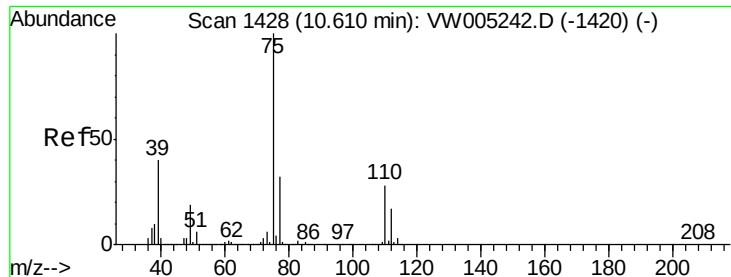
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#52
 Toluene
 Concen: 102.16 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion: 92 Resp: 1447088
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.4 206.0





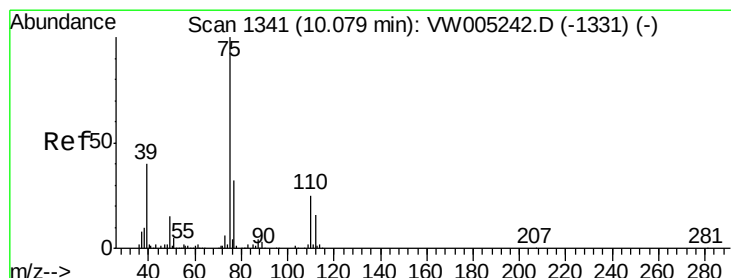
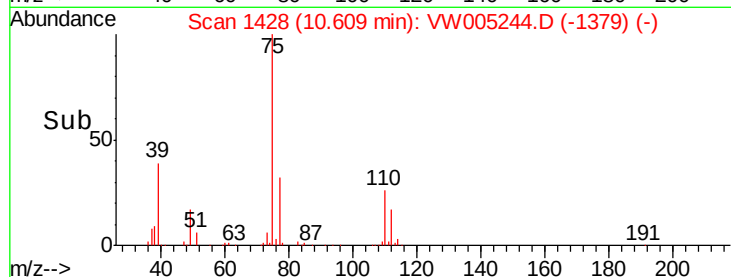
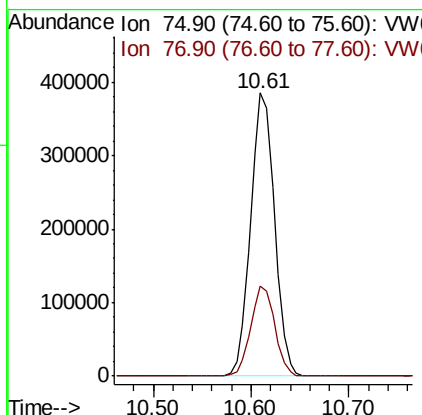
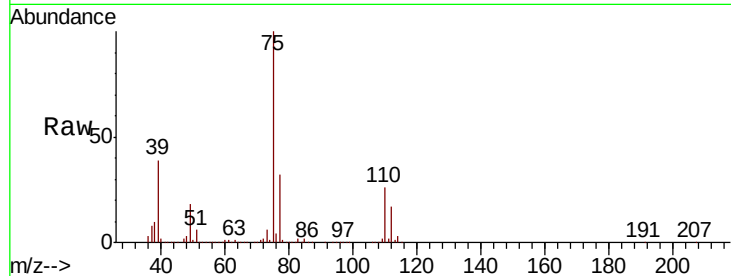
#53
t-1,3-Dichloropropene
Concen: 107.97 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.8

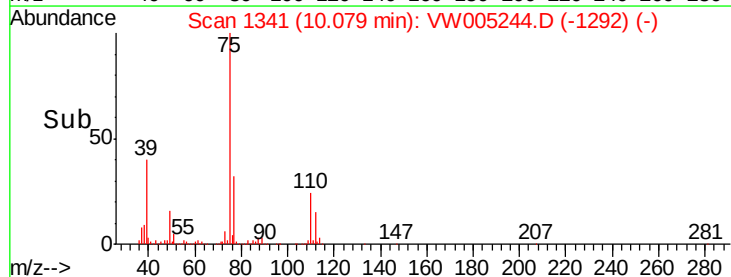
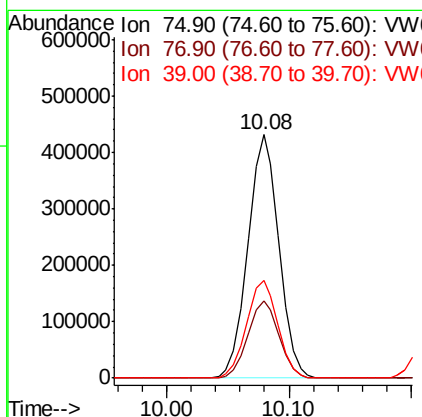
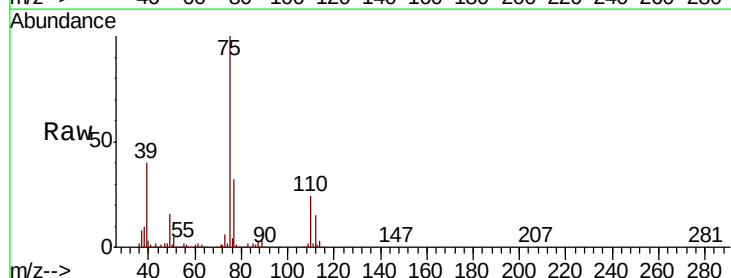
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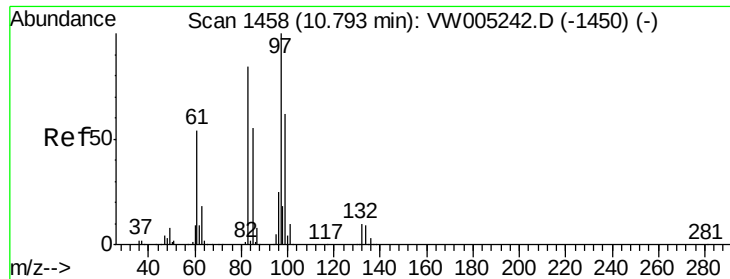
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#54
cis-1,3-Dichloropropene
Concen: 104.48 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
39	39.9	31.8	47.6





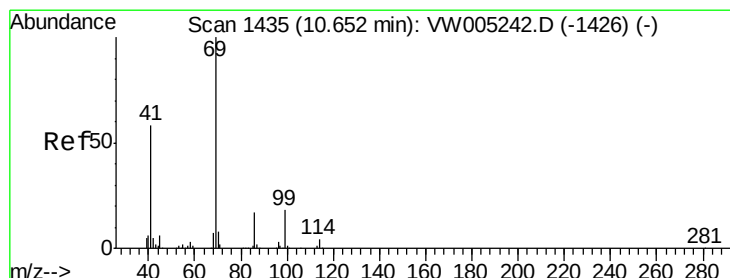
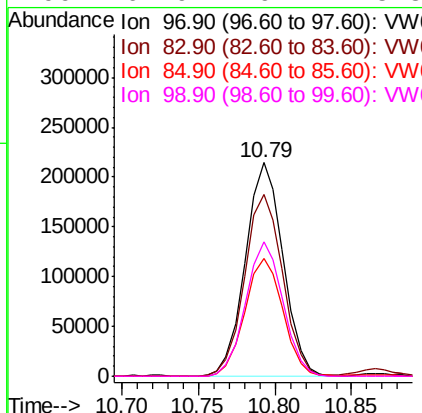
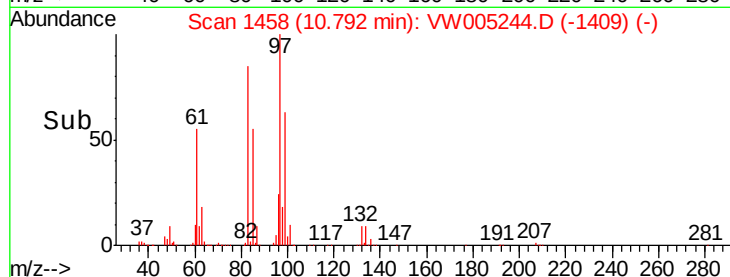
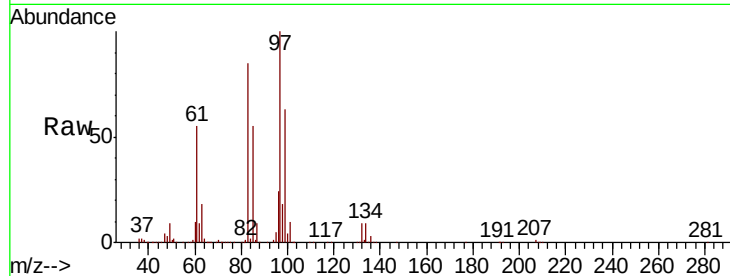
#55
 1,1,2-Trichloroethane
 Concen: 100.63 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	367918
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	55.3	44.4	66.6
99	62.9	49.2	73.8

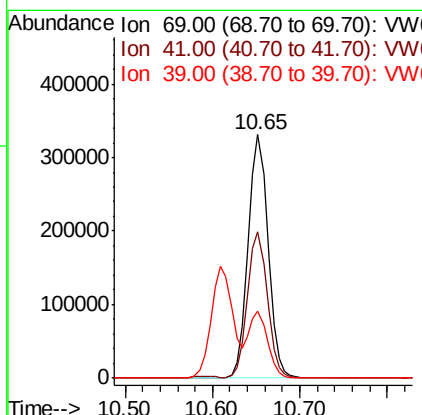
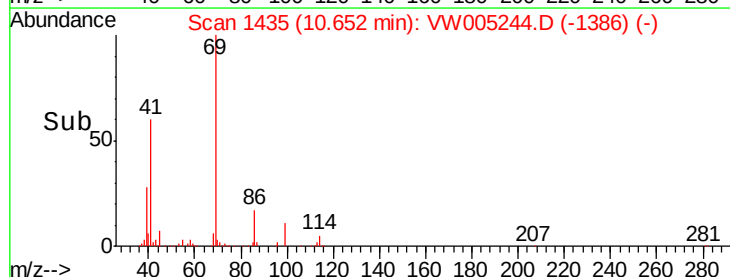
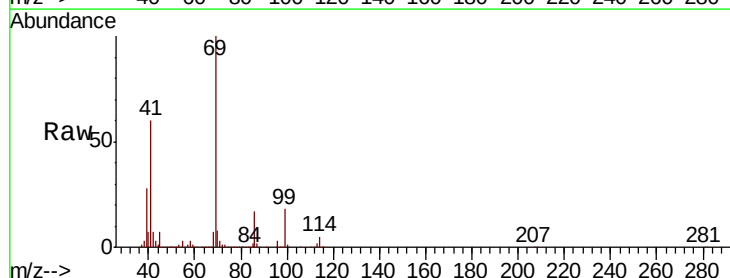
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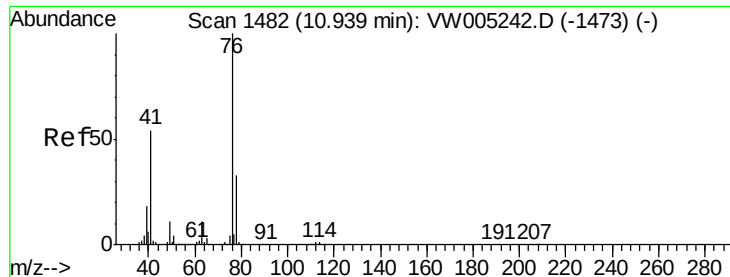
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#56
 Ethyl methacrylate
 Concen: 113.18 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion:	69	Resp:	524590
Ion	Ratio	Lower	Upper
69	100		
41	59.8	48.7	73.1
39	26.0	20.9	31.3





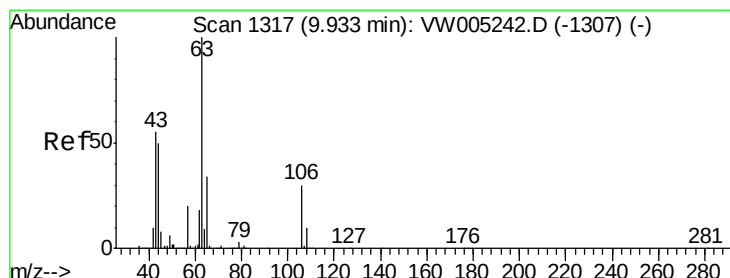
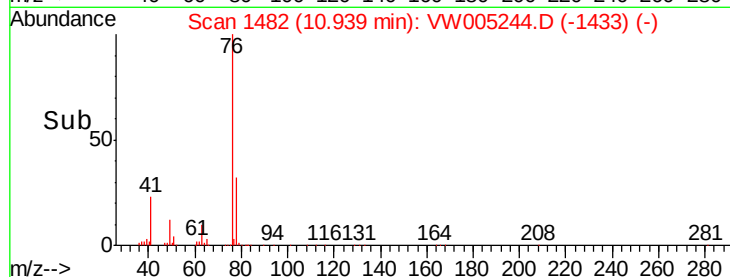
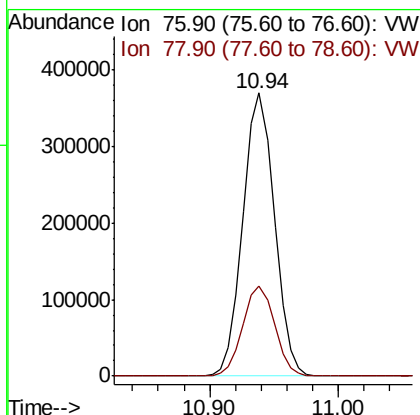
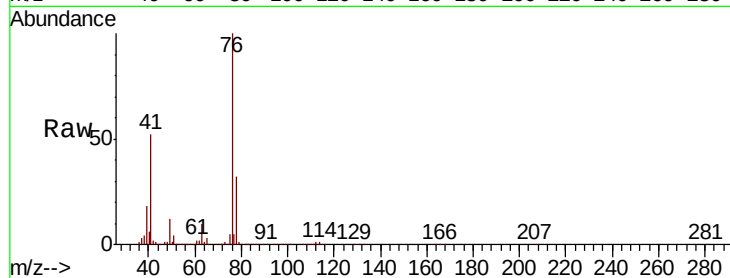
#57
 1,3-Dichloropropane
 Concen: 103.42 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

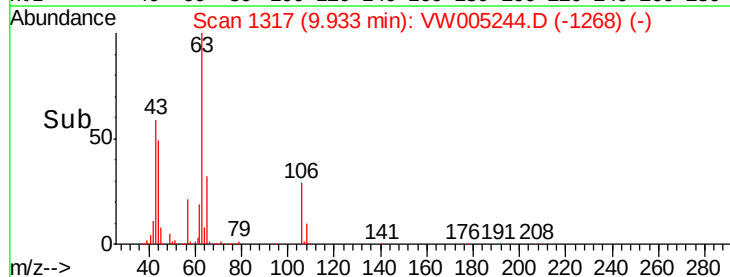
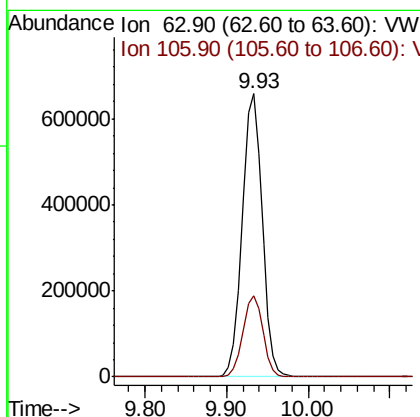
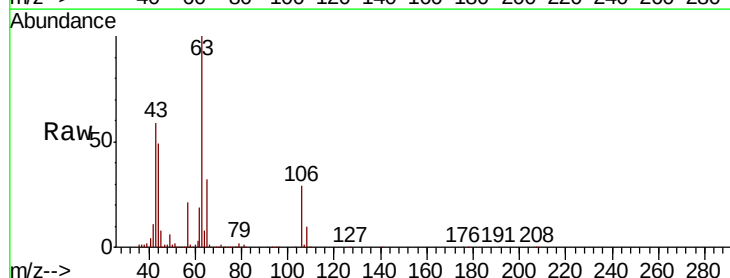
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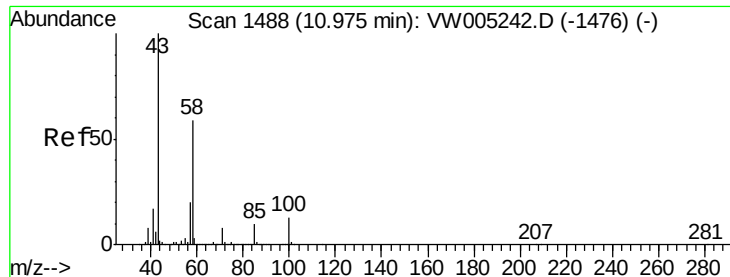
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#58
 2-Chloroethyl Vinyl ether
 Concen: 552.53 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.4	35.0





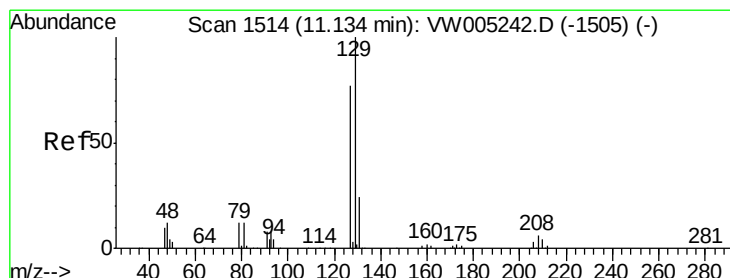
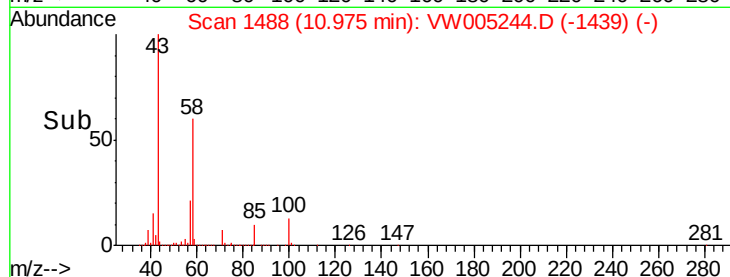
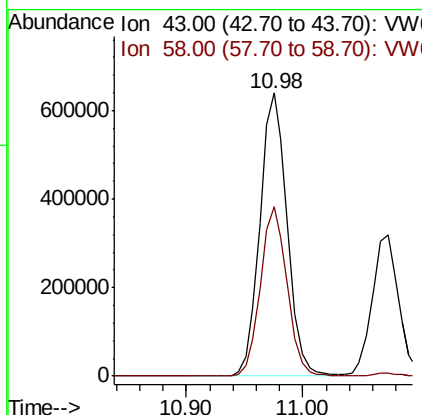
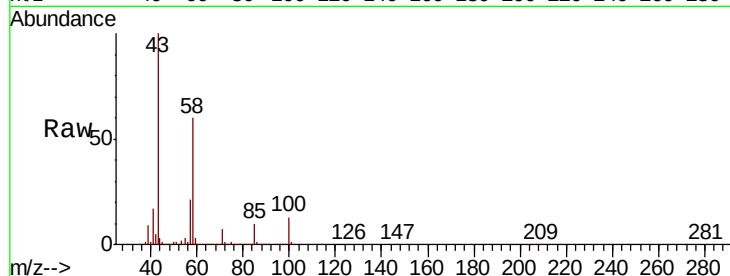
#59
2-Hexanone
Concen: 549.15 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 1041006
Ion Ratio Lower Upper
43 100
58 58.8 29.3 87.9

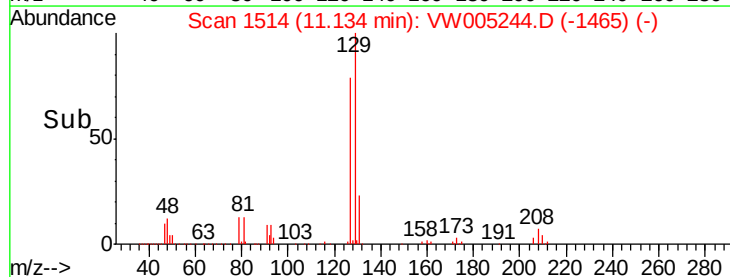
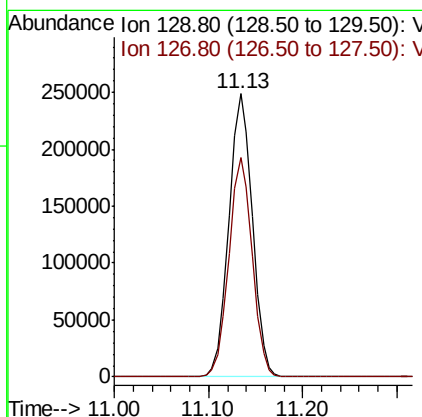
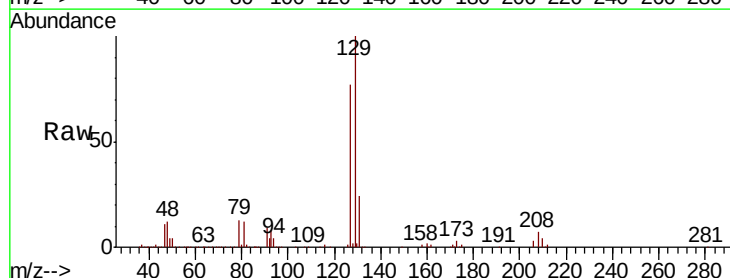
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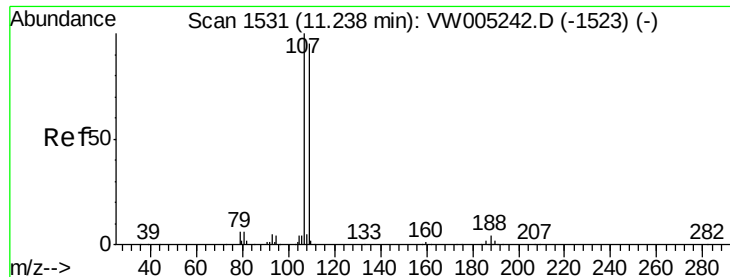
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#60
Dibromochloromethane
Concen: 105.84 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion: 129 Resp: 429364
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





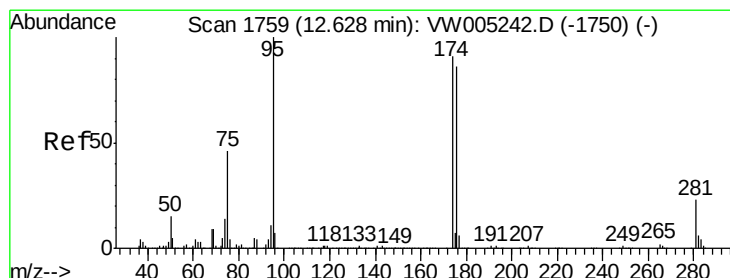
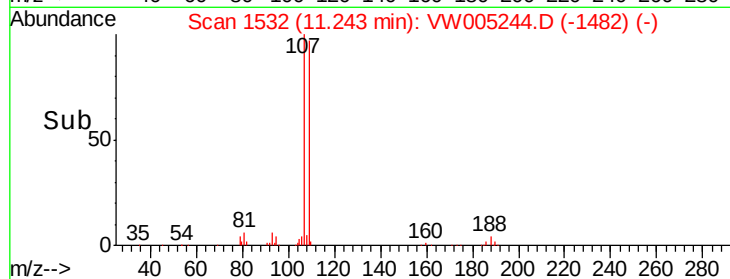
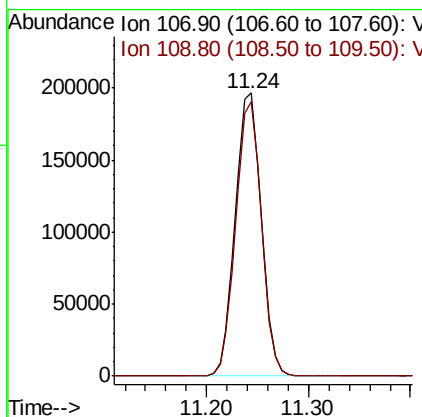
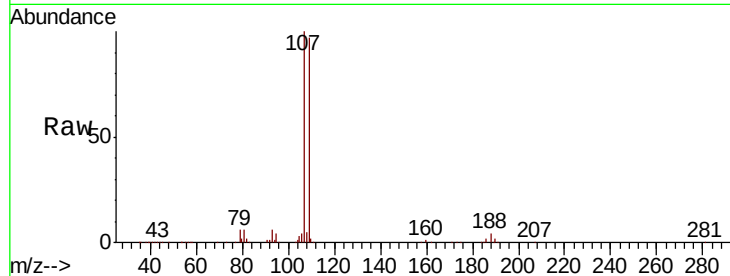
#61
 1,2-Dibromoethane
 Concen: 103.22 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.7	113.5

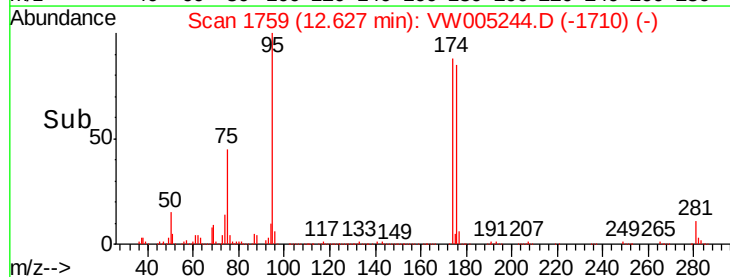
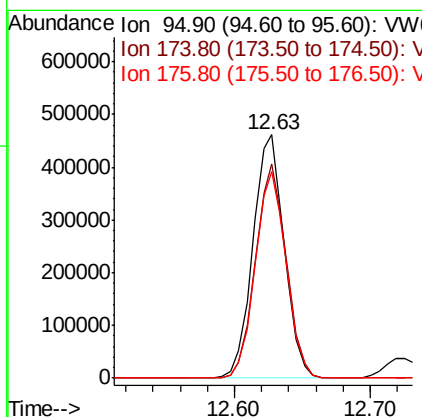
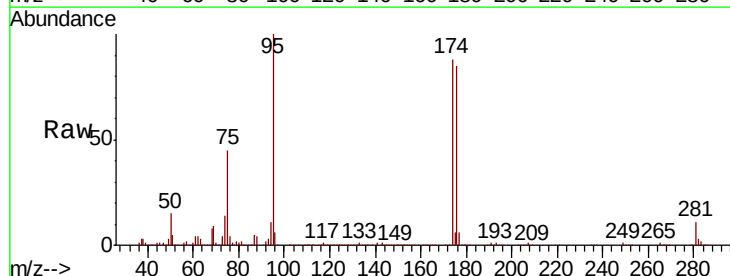
Manual Integrations
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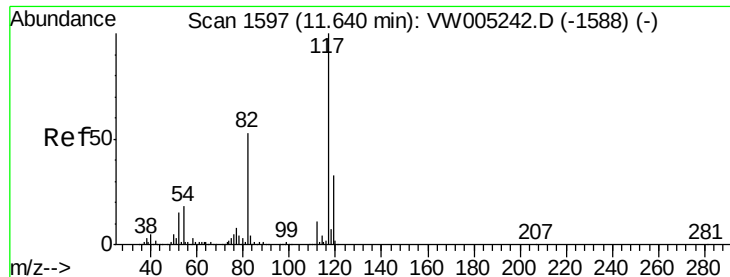
apatel
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#62
 4-Bromofluorobenzene
 Concen: 106.36 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	174.6
176	83.9	0.0	167.6





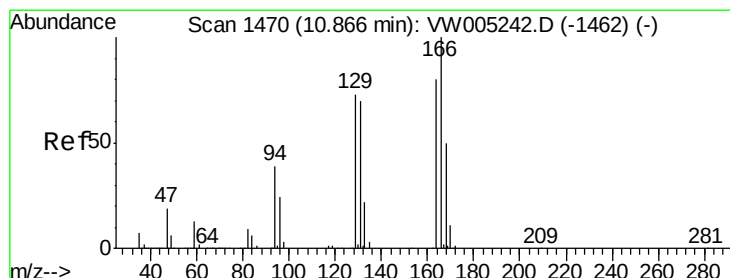
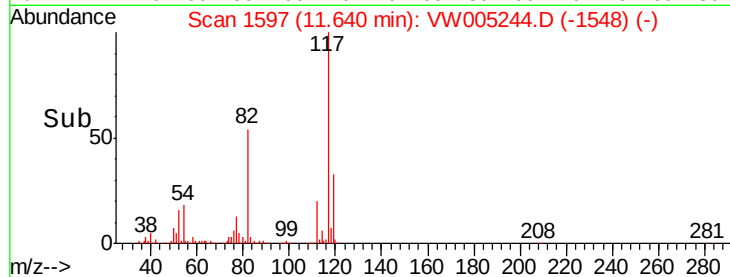
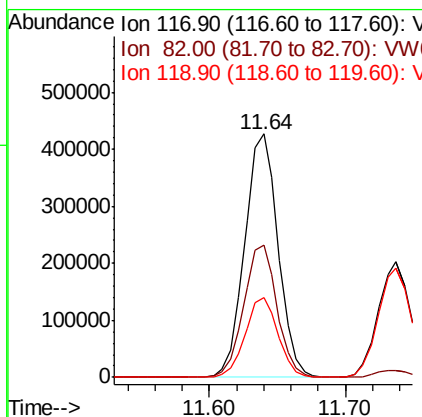
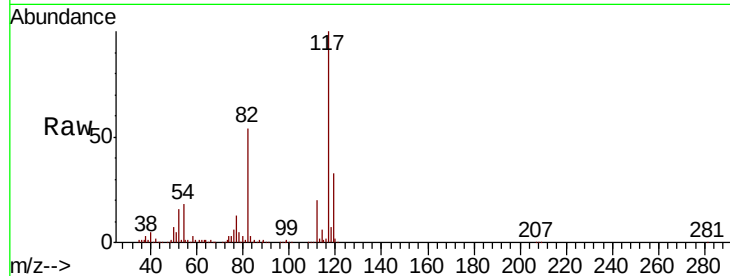
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	733179		
82	54.3		42.6	63.8
119	32.8		26.2	39.4

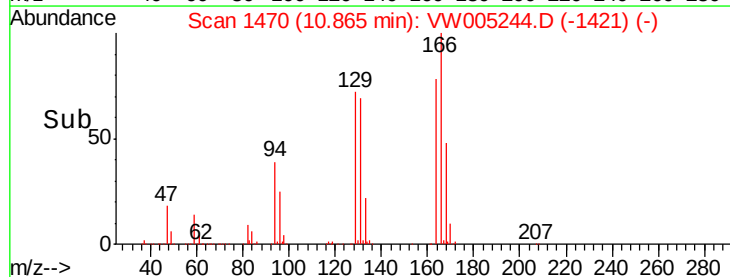
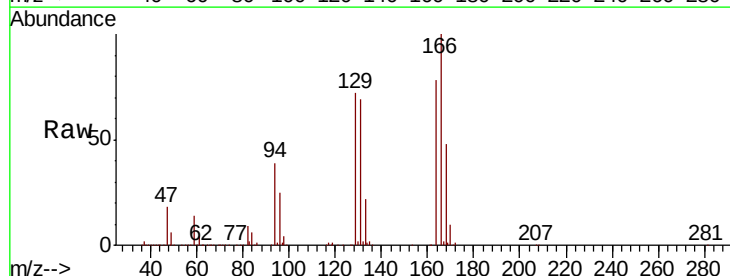
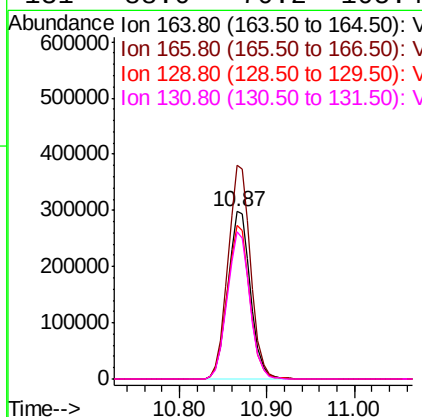
Manual Integrations
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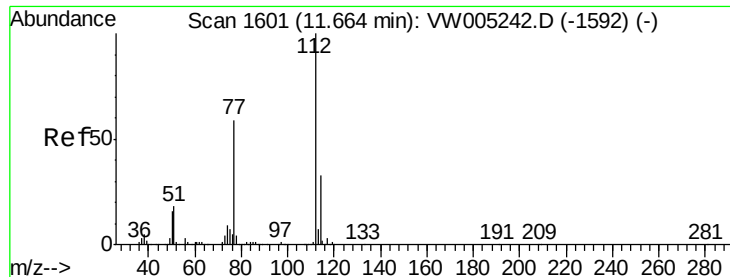
apatel
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#64
Tetrachloroethene
Concen: 98.21 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	534202		
166	127.5		100.2	150.2
129	91.5		73.2	109.8
131	88.0		70.2	105.4





#65

Chlorobenzene

Concen: 98.42 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:112 Resp: 1580668

Ion Ratio Lower Upper

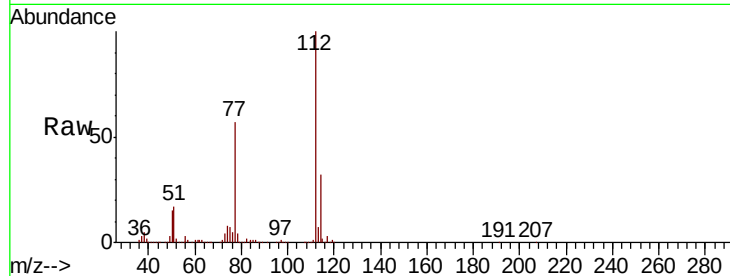
112 100

114 32.3 26.2 39.4

Manual Integrations
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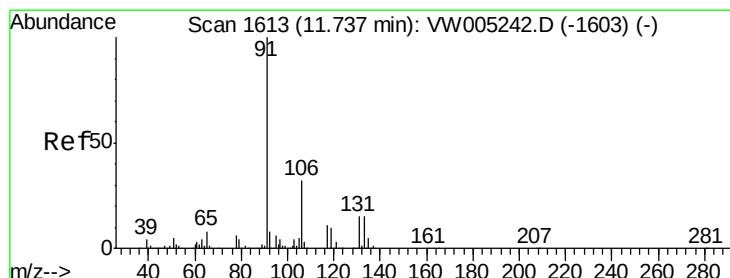
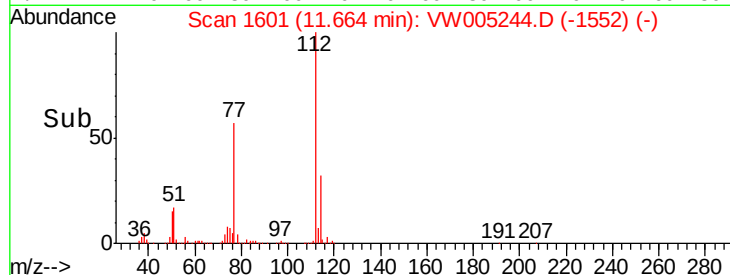
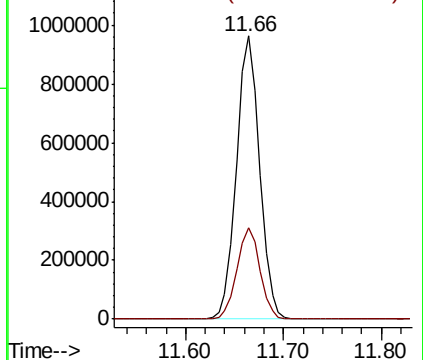
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.13 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

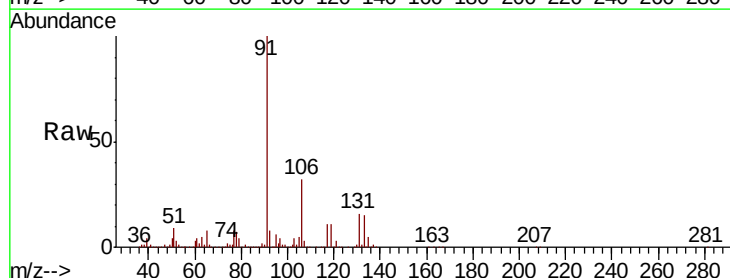
Tgt Ion:131 Resp: 480166

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.3

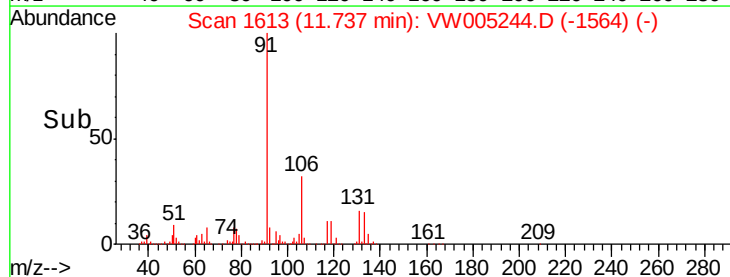
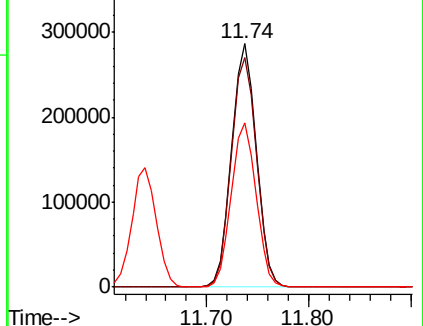
119 67.6 33.4 100.1

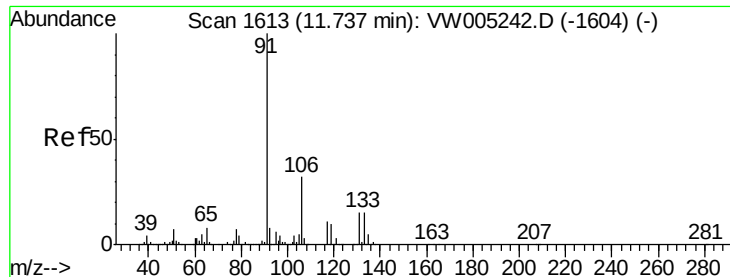


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





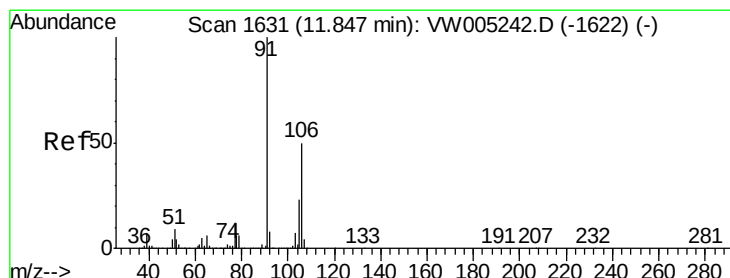
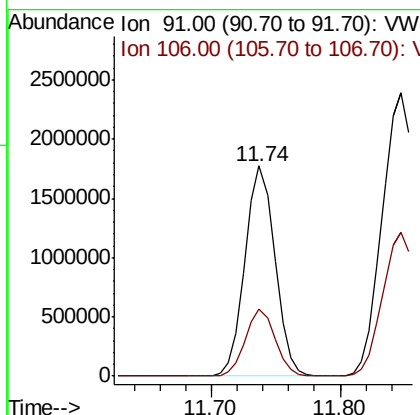
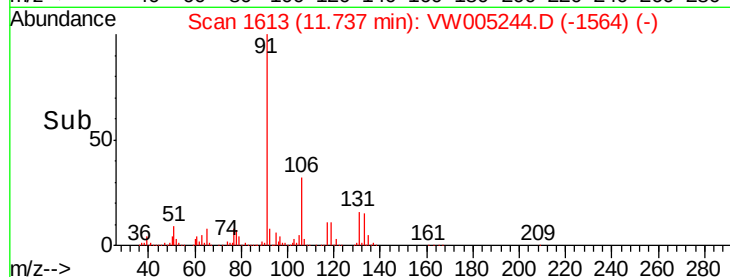
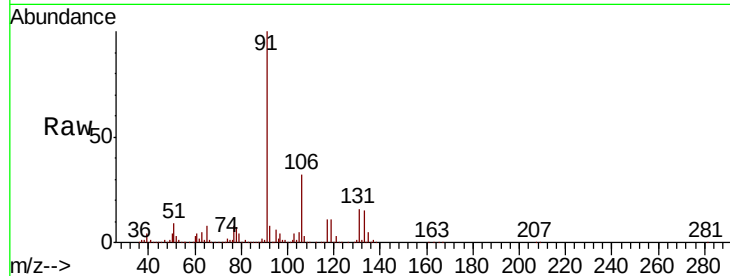
#67
Ethyl Benzene
Concen: 101.99 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 2852754
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

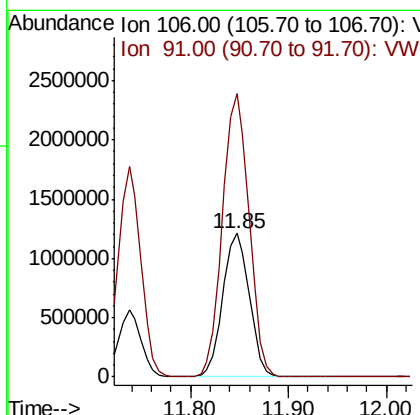
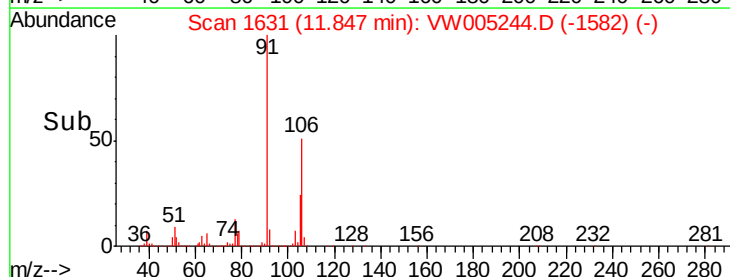
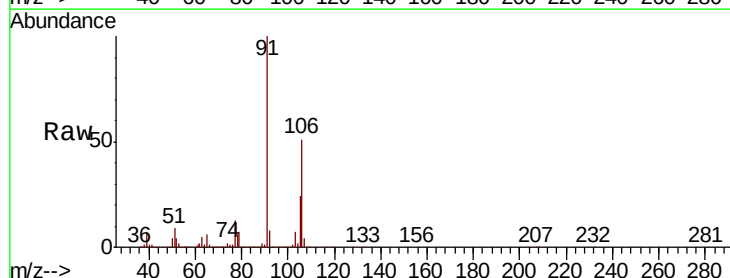
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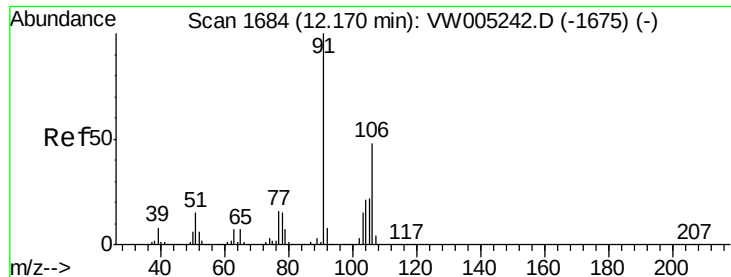
apatel
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#68
m/p-Xylenes
Concen: 202.11 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion: 106 Resp: 2278045
Ion Ratio Lower Upper
106 100
91 197.5 160.2 240.2





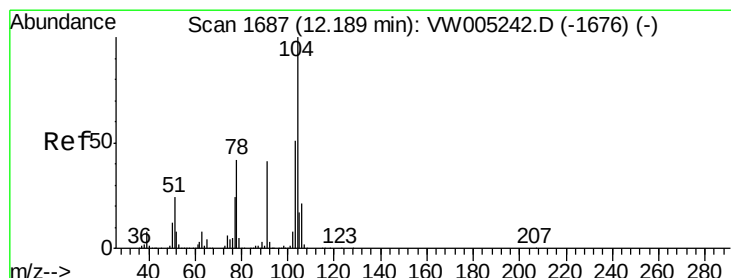
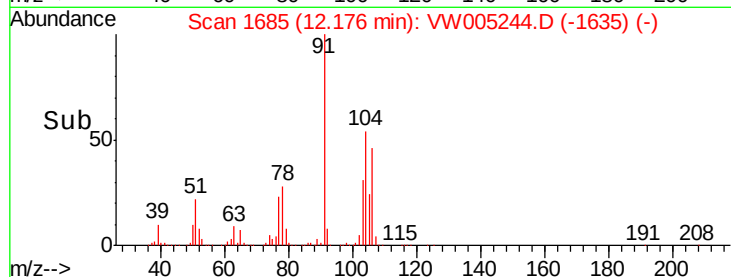
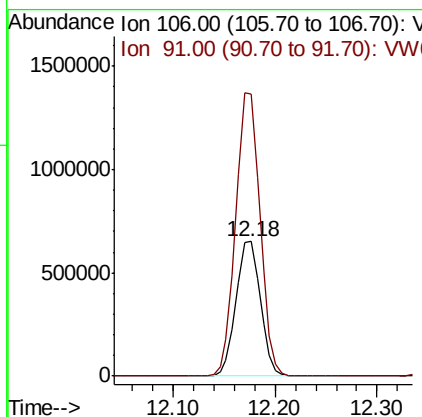
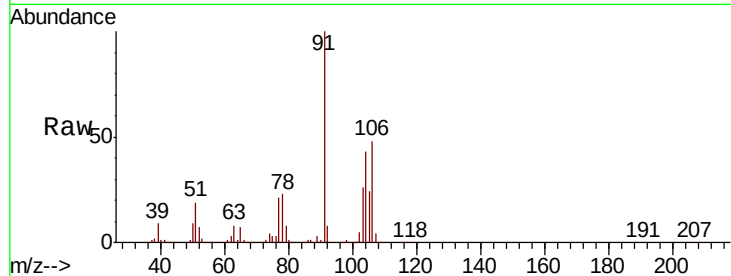
#69
o-Xylene
Concen: 102.73 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 1077243
Ion Ratio Lower Upper
106 100
91 209.3 104.1 312.3

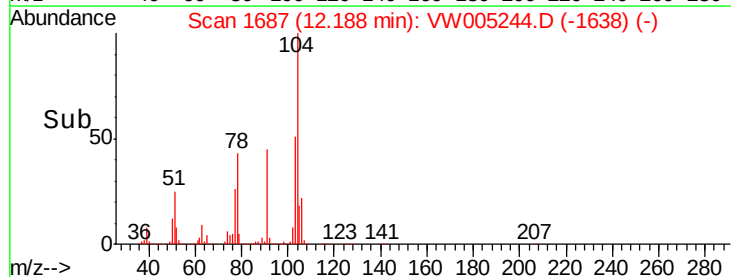
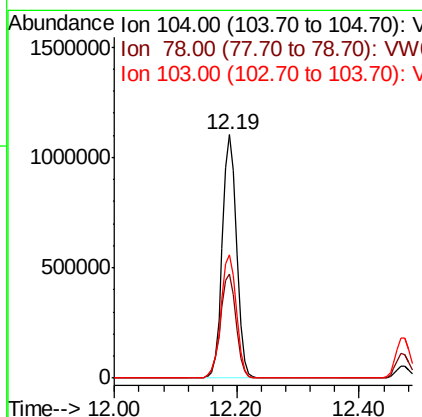
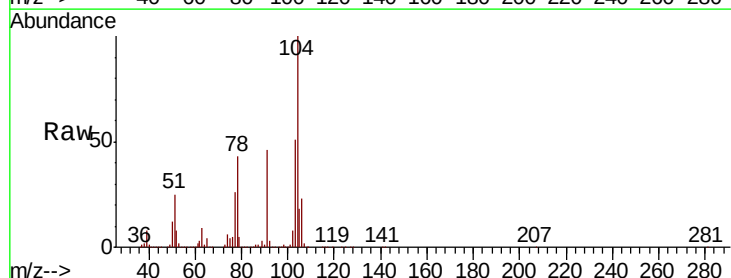
Manual Integrations
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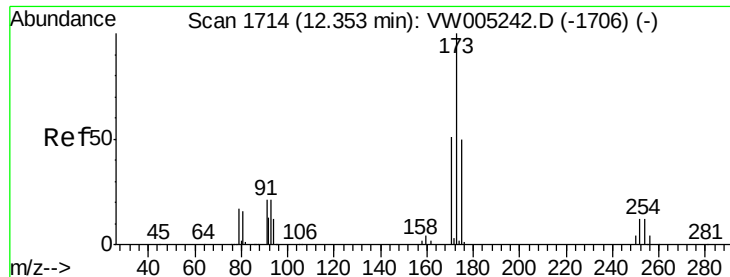
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#70
Styrene
Concen: 104.42 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion:104 Resp: 1786727
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 104.78 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

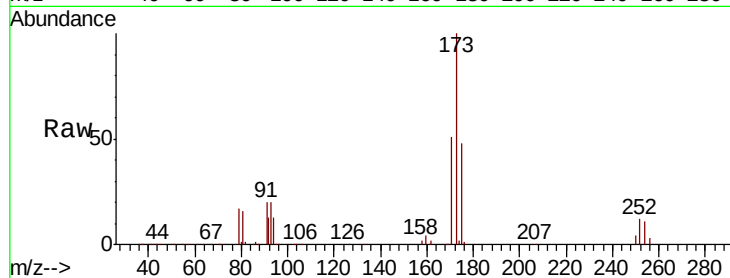
ClientSampleId :

VSTDIC100

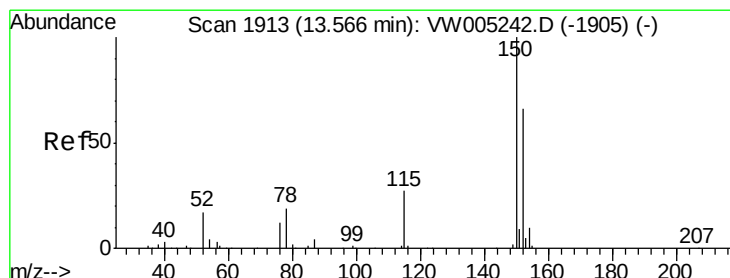
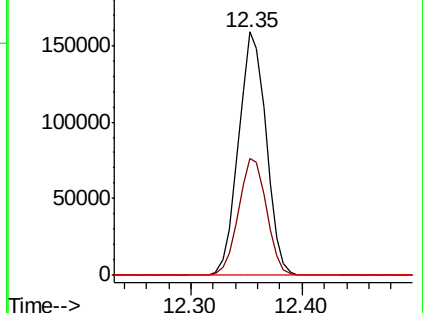
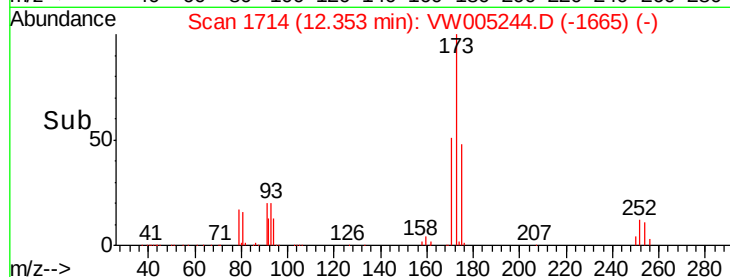
Tot Ion:	173	Resp:	272435
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.9	74.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

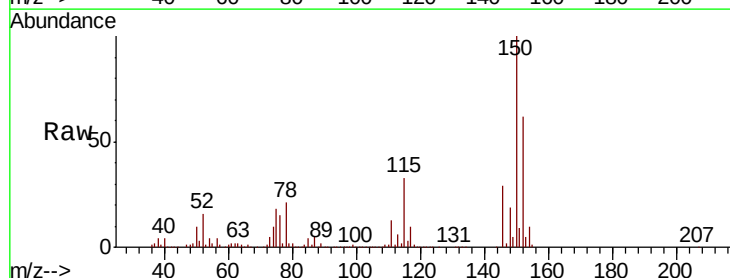
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

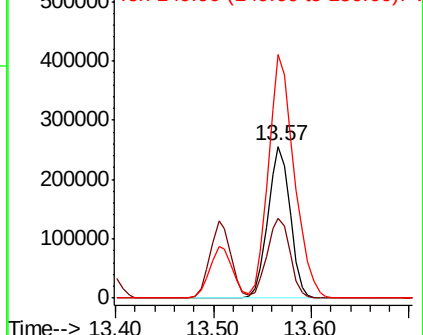
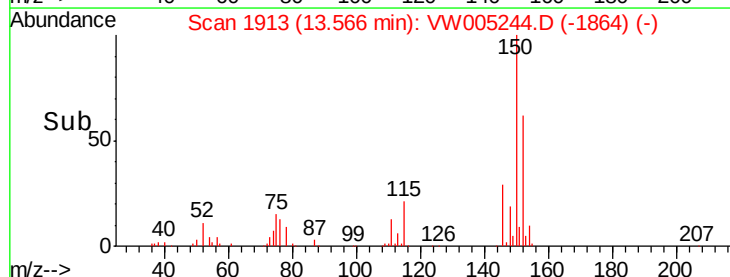
Lab File: VW005244.D

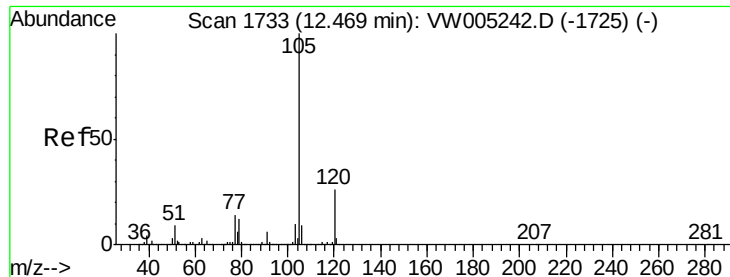
Acq: 10 Sep 2018 16:14

Tgt Ion:	152	Resp:	401762
Ion Ratio	Lower	Upper	
152	100		
115	54.6	27.5	82.4
150	186.9	0.0	347.4



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





#73

Isopropylbenzene

Concen: 102.00 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2895335

Ion Ratio Lower Upper

105 100

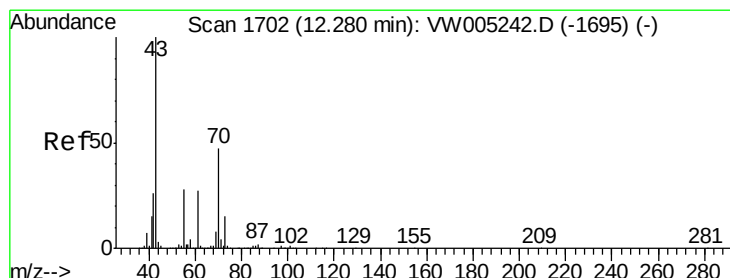
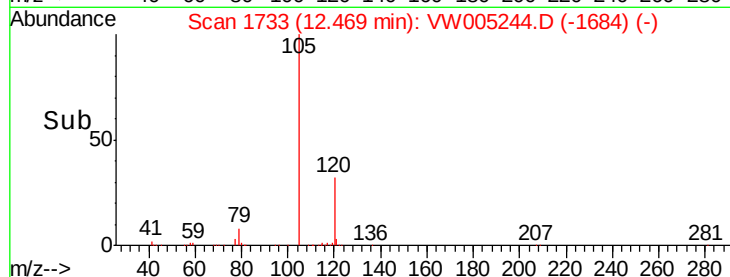
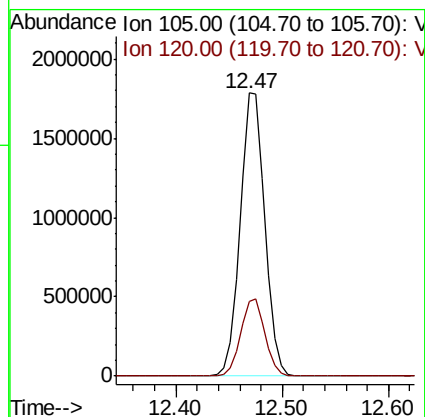
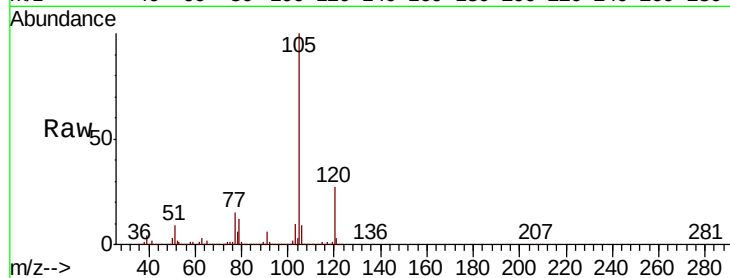
120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 108.96 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion: 43 Resp: 588461

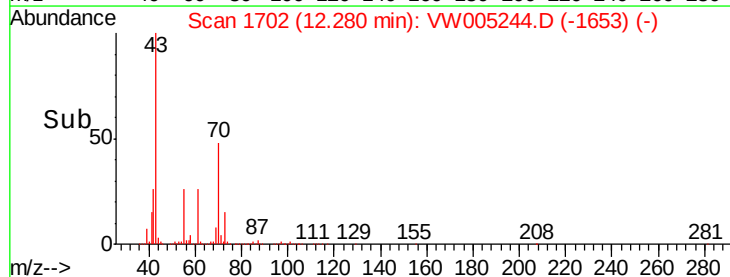
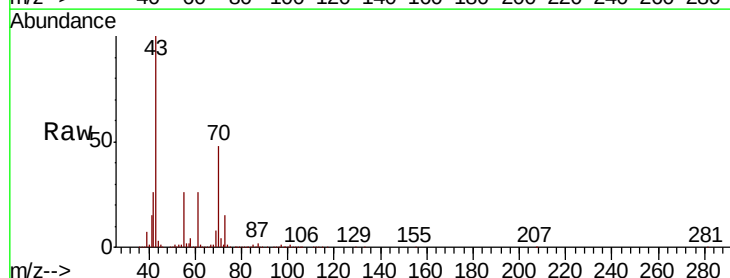
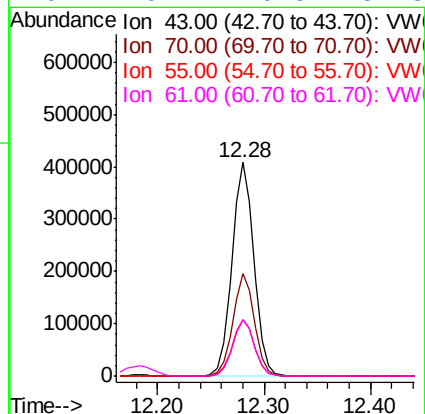
Ion Ratio Lower Upper

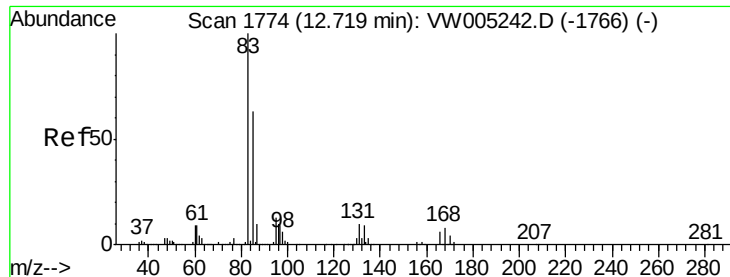
43 100

70 46.9 37.9 56.9

55 26.7 22.6 33.8

61 26.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 100.74 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

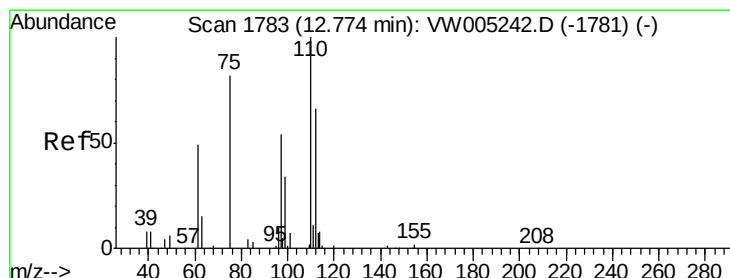
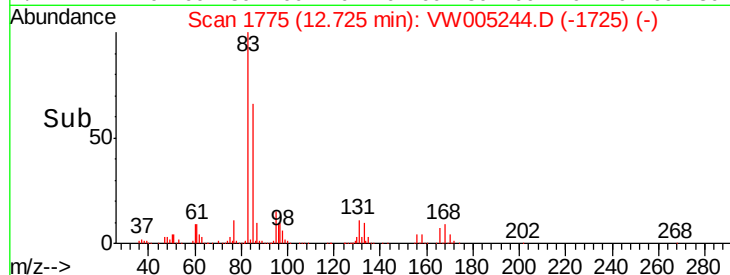
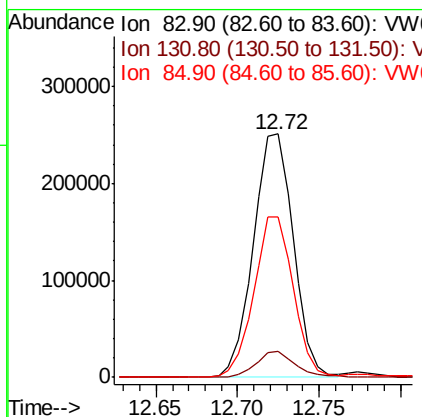
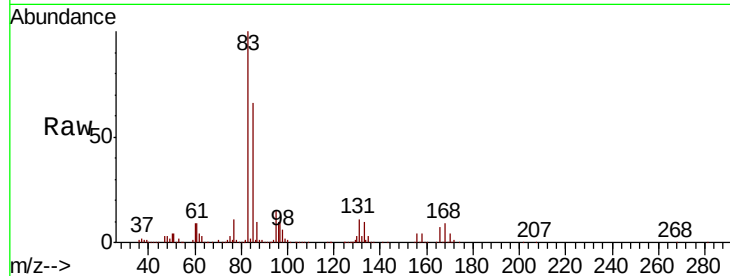
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	429754
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	64.6	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 59.41 ug/l m

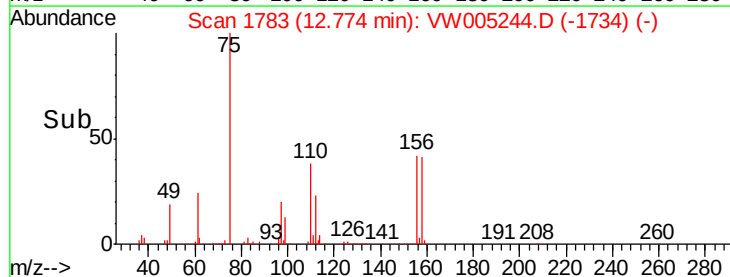
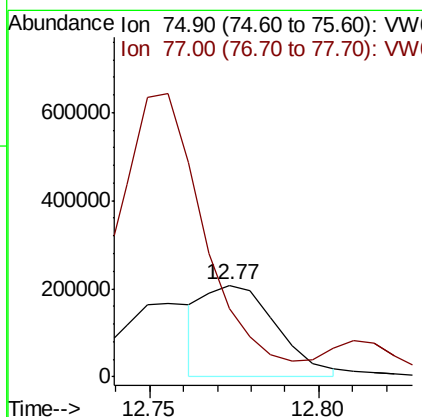
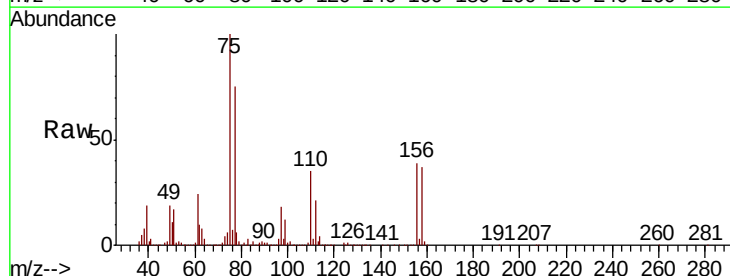
RT: 12.77 min Scan# 1783

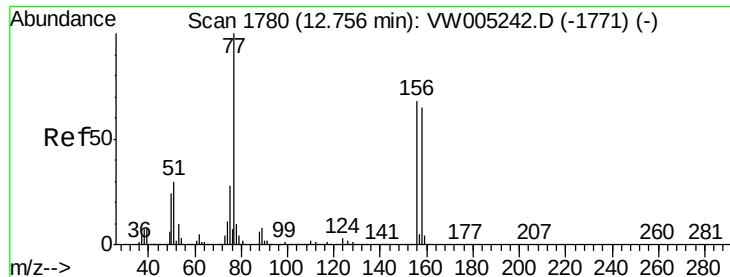
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	75	Resp:	310010
Ion Ratio	Lower	Upper	
75	100		
77	375.8	0.0	0.0#





#77

Bromobenzene

Concen: 99.61 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

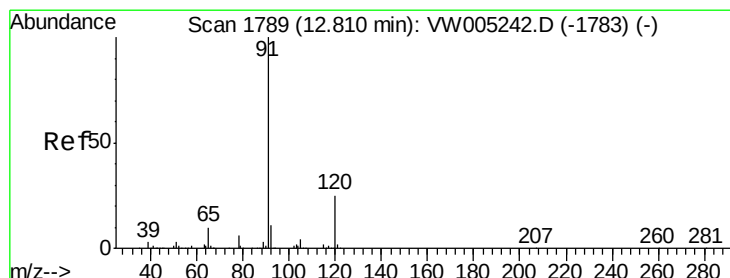
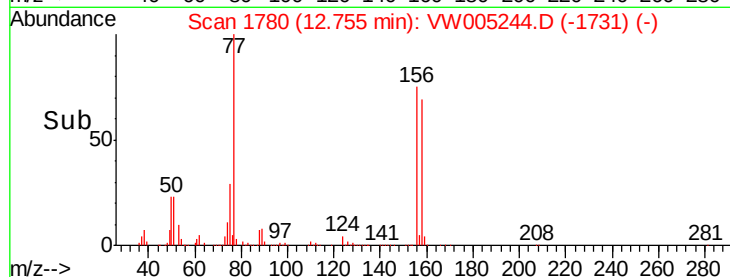
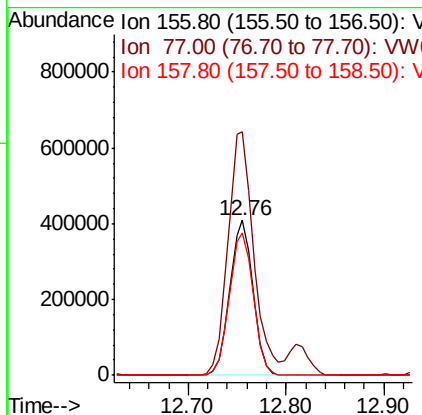
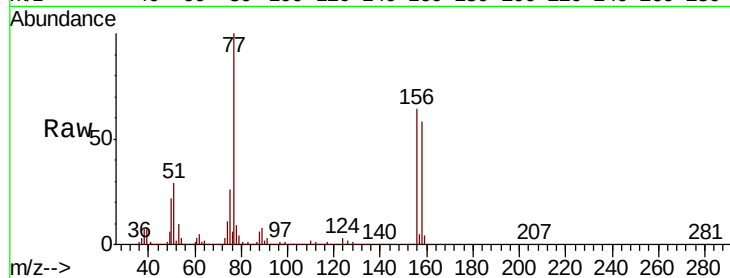
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	666120
Ion Ratio	Lower	Upper	
156	100		
77	174.9	86.3	258.8
158	95.1	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 100.69 ug/l

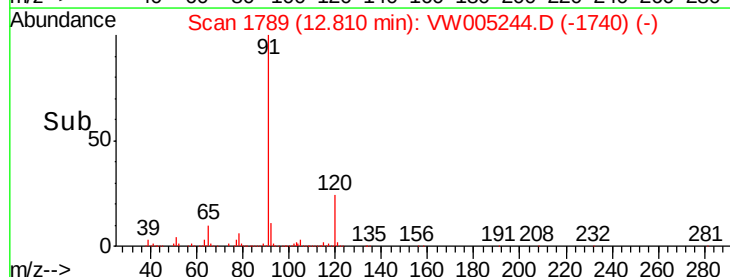
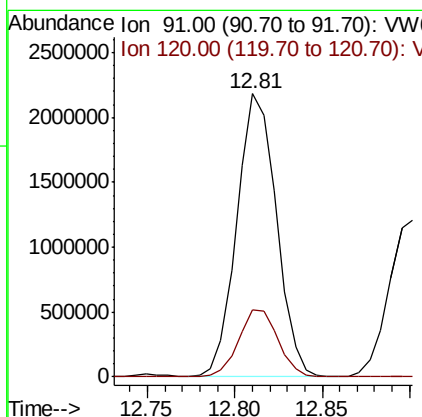
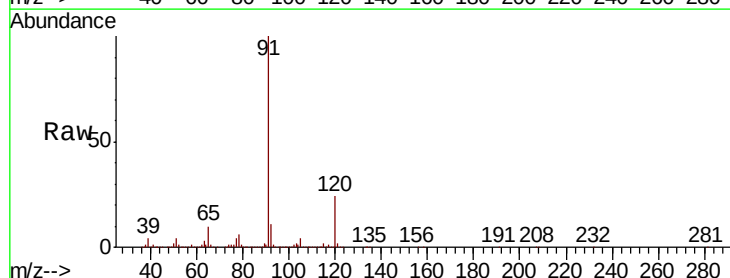
RT: 12.81 min Scan# 1789

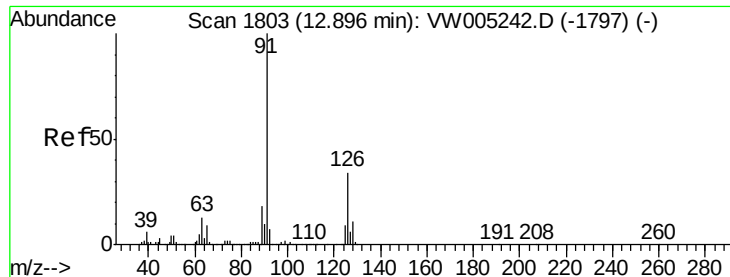
Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	91	Resp:	3432816
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 99.84 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1951939

Ion Ratio Lower Upper

91 100

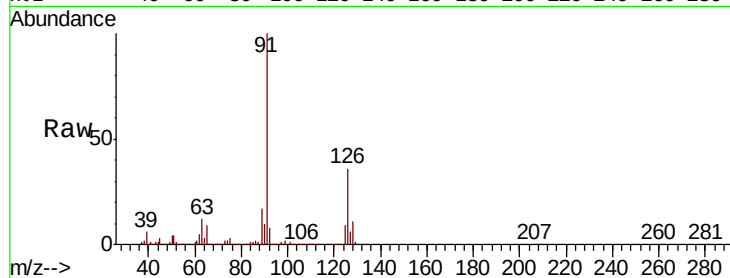
126 35.1 17.2 51.5

Manual Integrations

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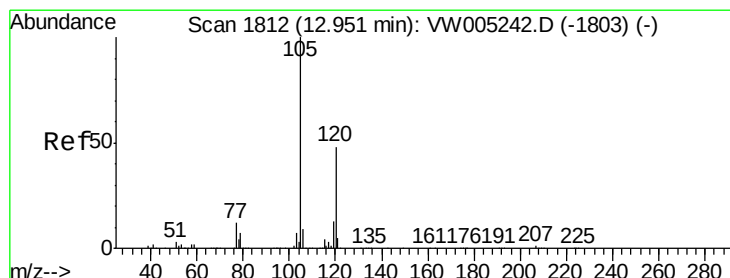
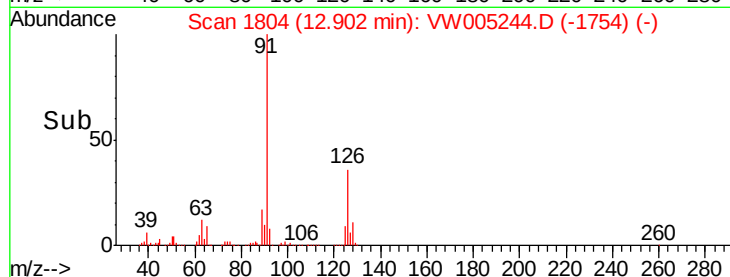
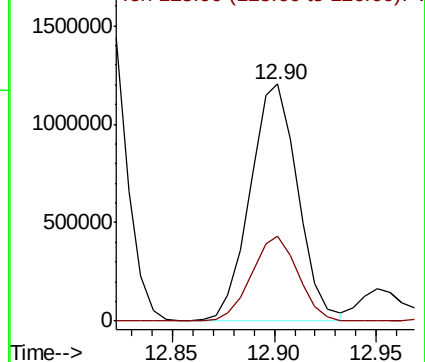
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 102.90 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005244.D

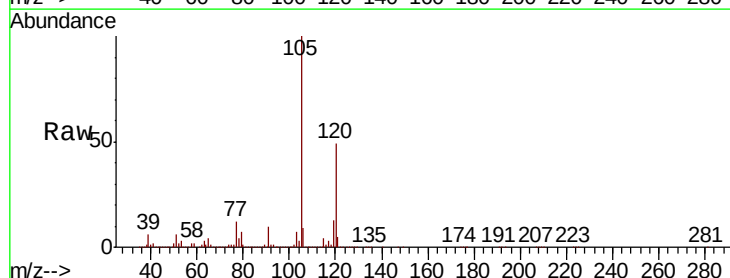
Acq: 10 Sep 2018 16:14

Tgt Ion:105 Resp: 2487260

Ion Ratio Lower Upper

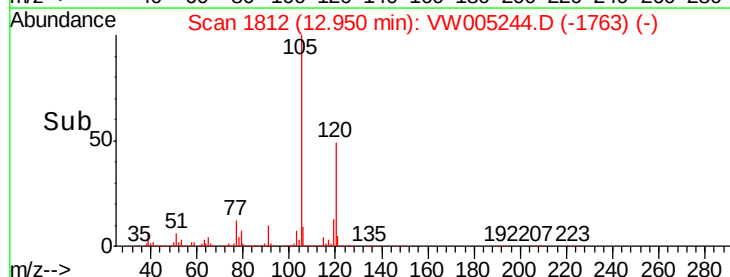
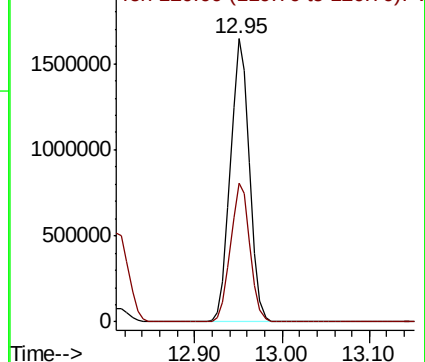
105 100

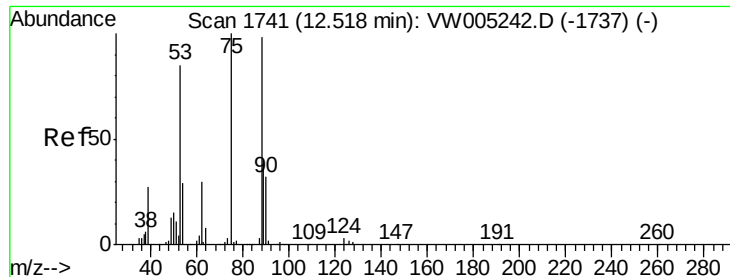
120 49.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.29 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

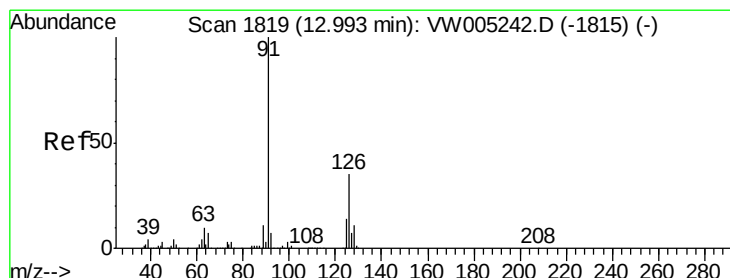
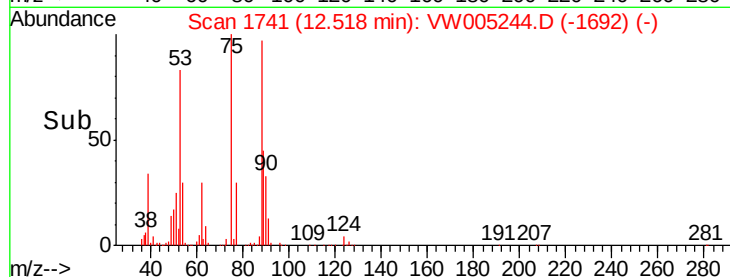
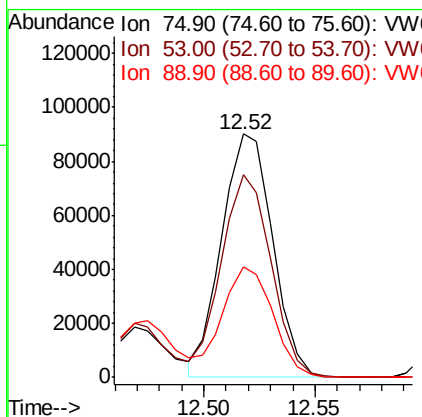
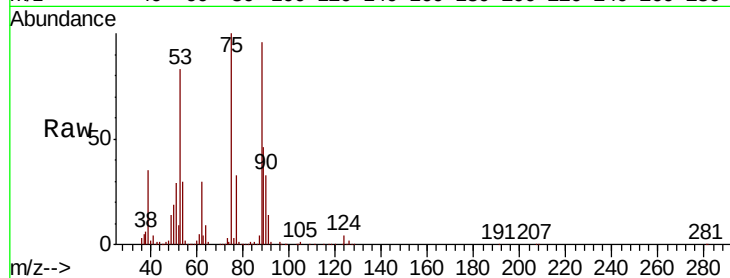
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	142681
Ion Ratio	Lower	Upper	
75	100		
53	82.1	67.0	100.6
89	45.9	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 99.69 ug/l

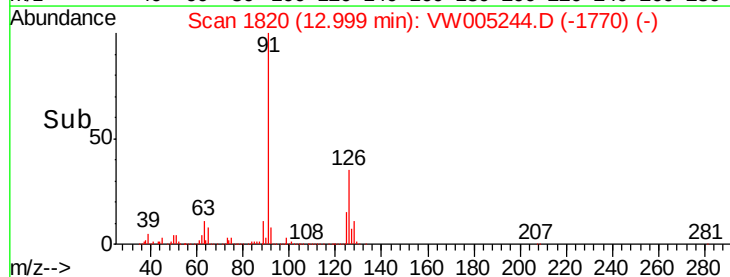
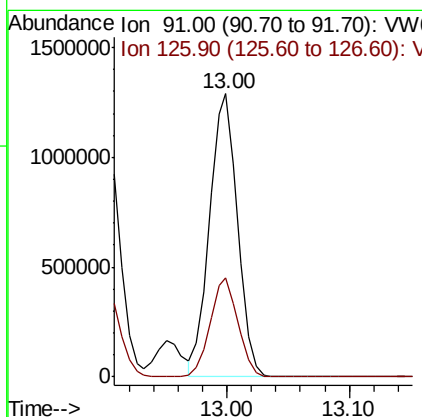
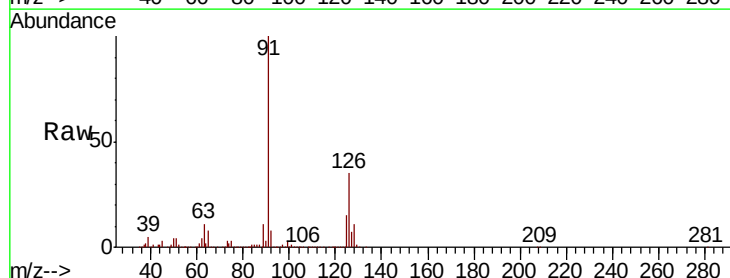
RT: 13.00 min Scan# 1820

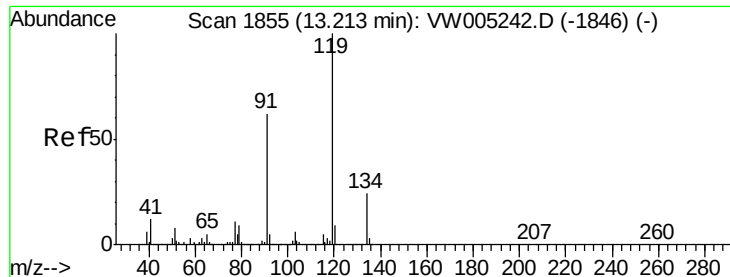
Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	91	Resp:	2048608
Ion Ratio	Lower	Upper	
91	100		
126	34.9	17.5	52.5





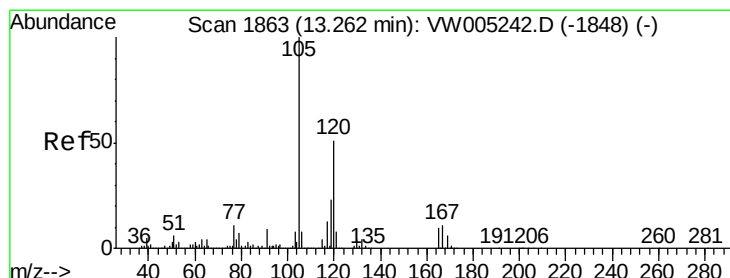
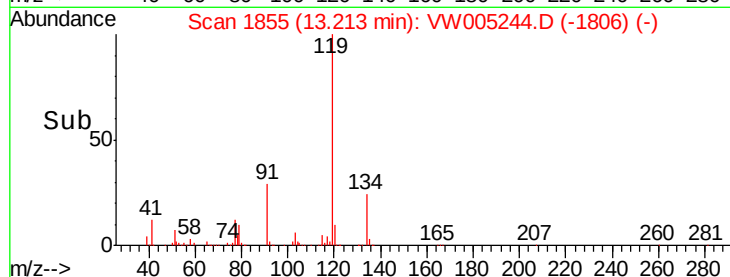
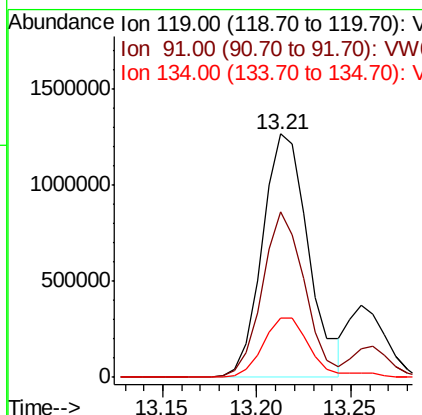
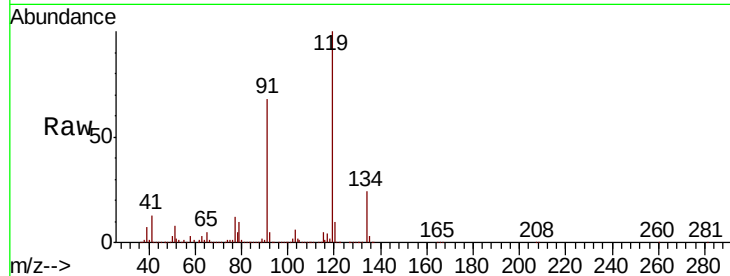
#83
 tert-Butylbenzene
 Concen: 101.87 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.7	95.1
134	25.4	13.0	38.9

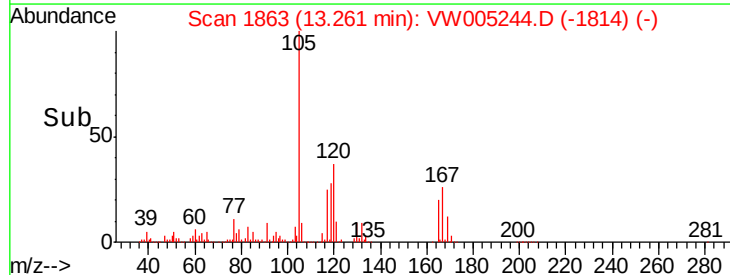
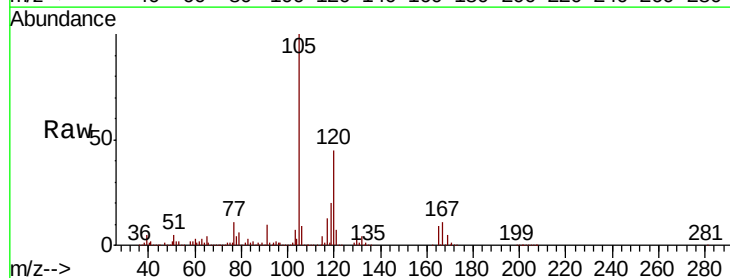
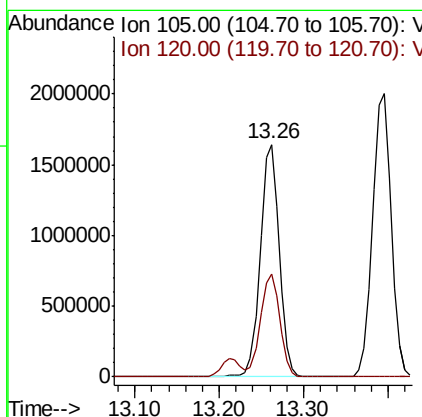
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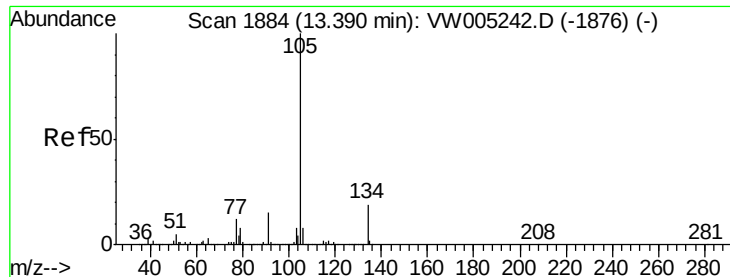
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.10 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 101.62 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 3087490

Ion Ratio Lower Upper

105 100

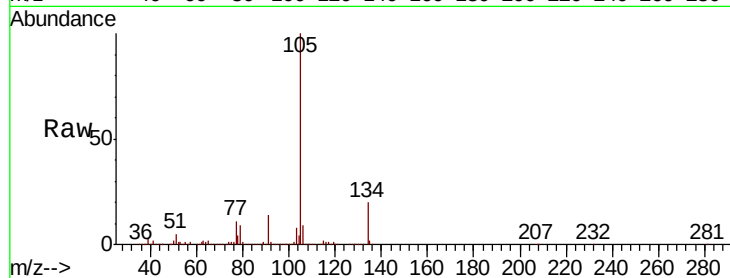
134 20.3 9.9 29.7

Manual Integrations

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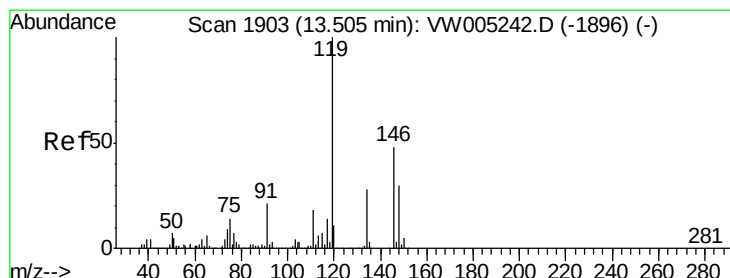
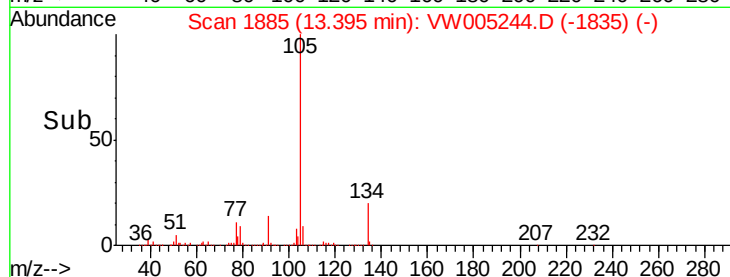
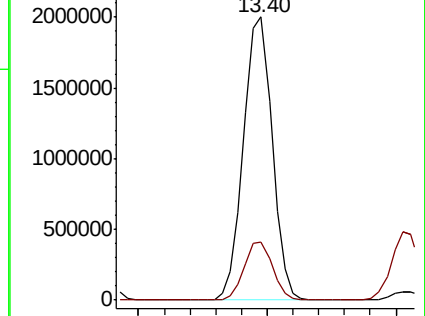
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 102.63 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

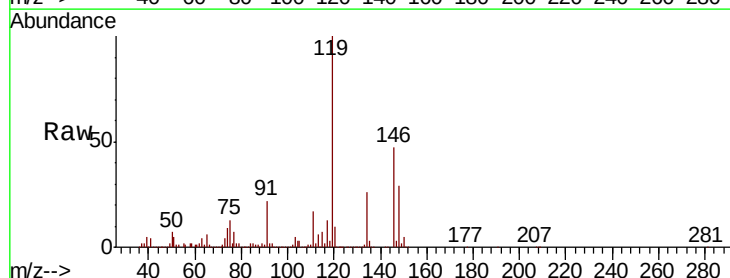
Tgt Ion:119 Resp: 2760348

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

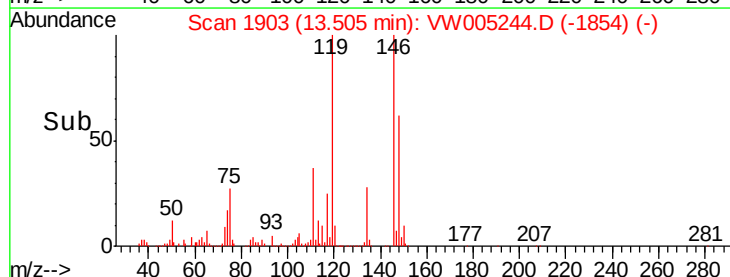
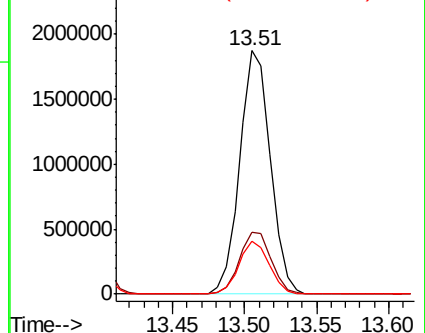
91 21.6 10.7 32.1

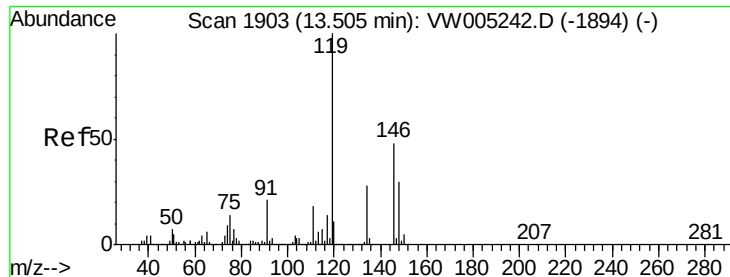


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





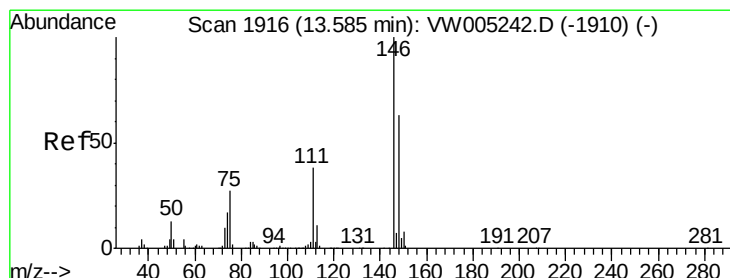
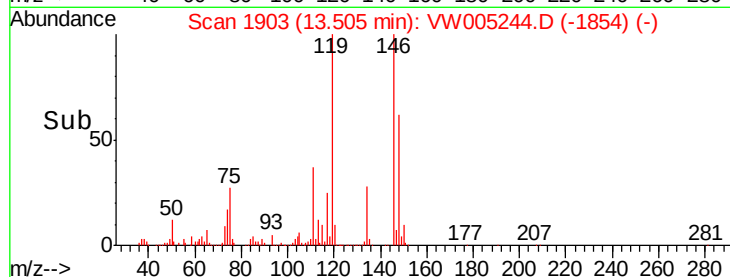
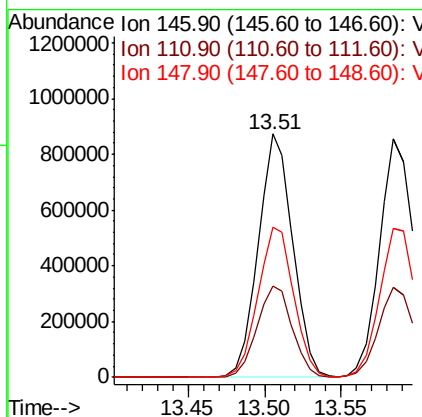
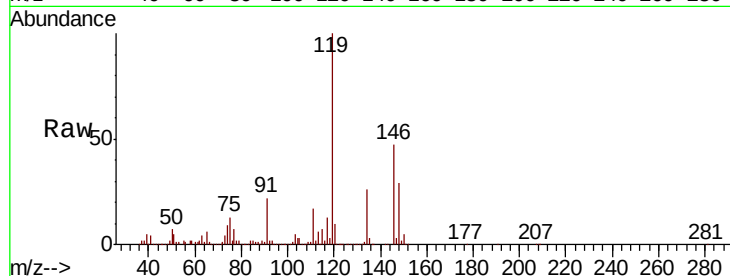
#87
 1,3-Dichlorobenzene
 Concen: 97.64 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	63.6	31.6	94.8

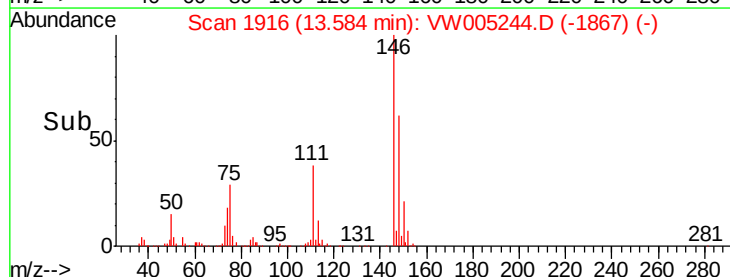
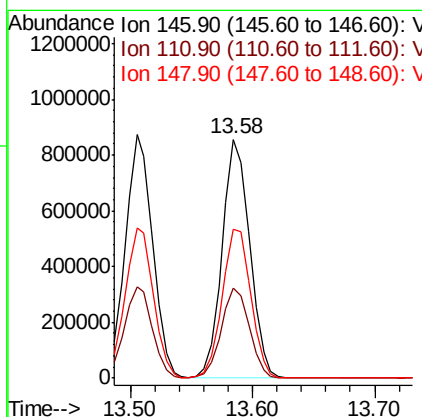
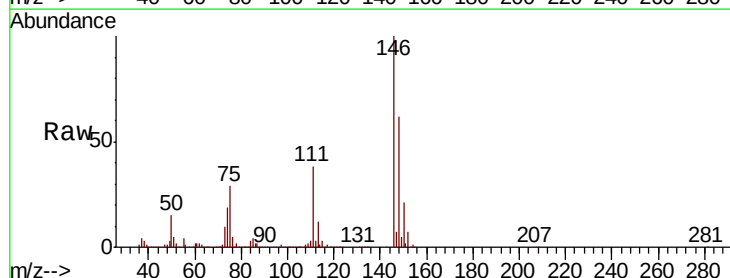
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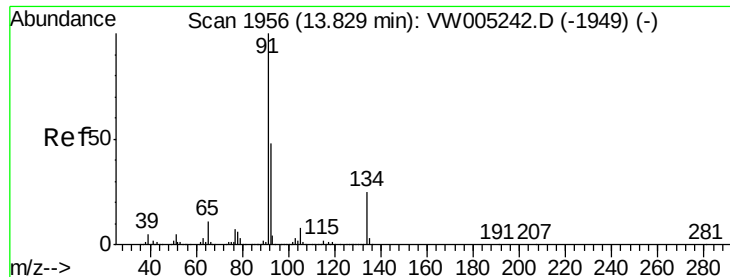
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#88
 1,4-Dichlorobenzene
 Concen: 96.71 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	64.8	32.3	96.9





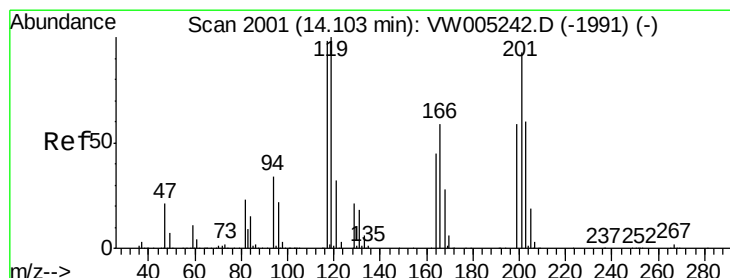
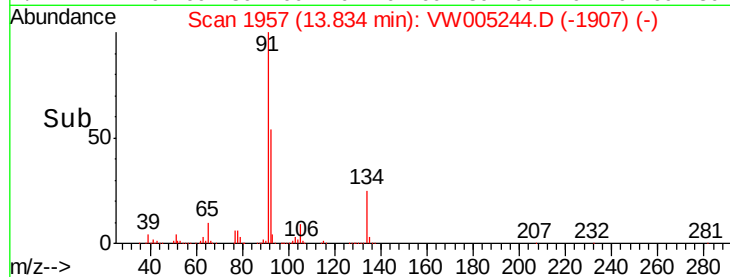
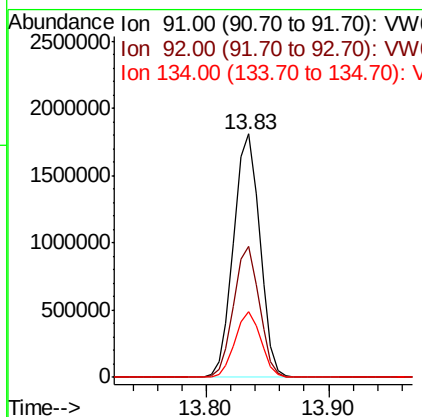
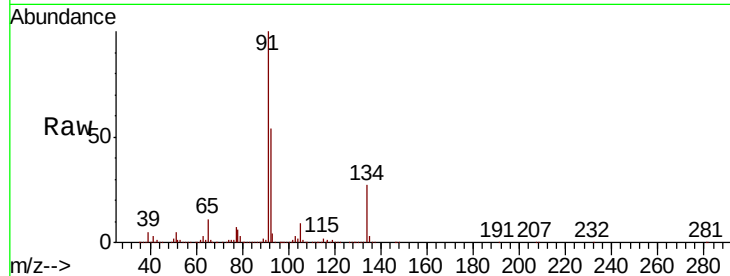
#89
n-Butylbenzene
Concen: 106.16 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.8	77.3
134	26.6	13.6	40.8

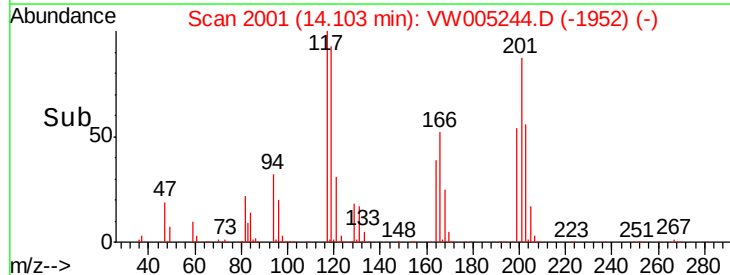
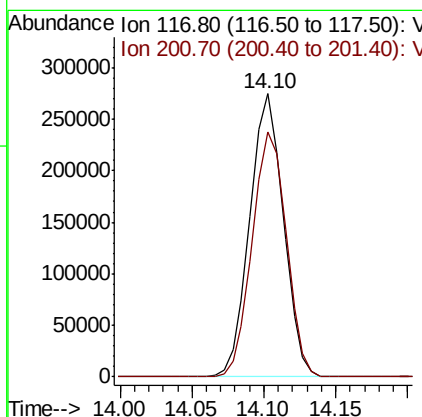
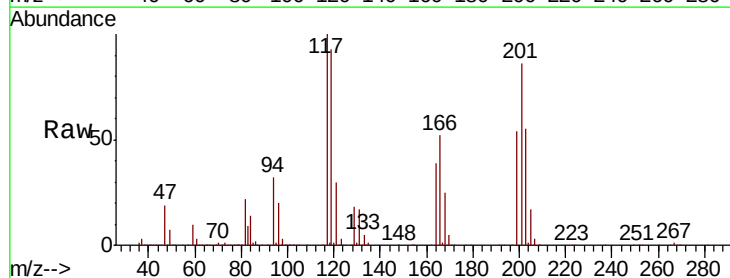
Manual Integrations
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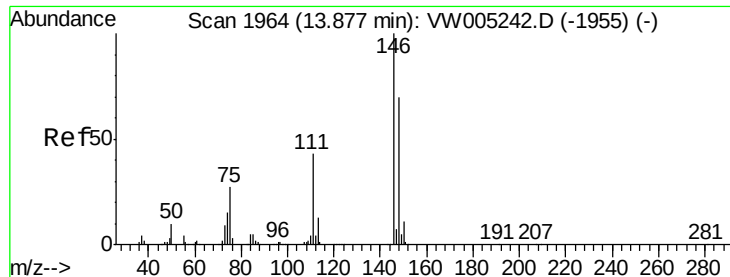
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#90
Hexachloroethane
Concen: 102.96 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005244.D
Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.0	132.1





#91

1,2-Dichlorobenzene

Concen: 99.24 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

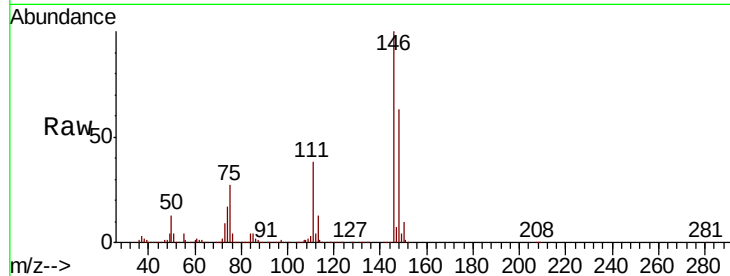
ClientSampleId :

VSTDIC100

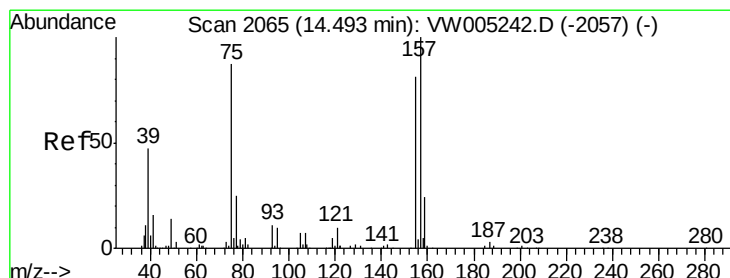
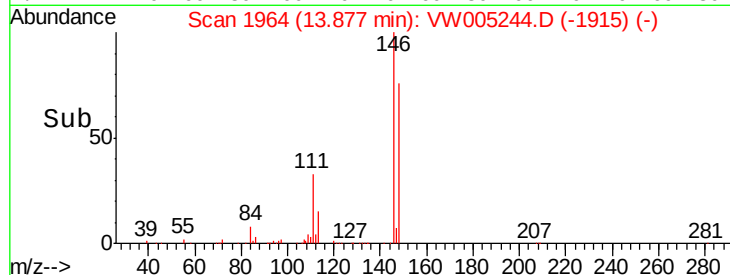
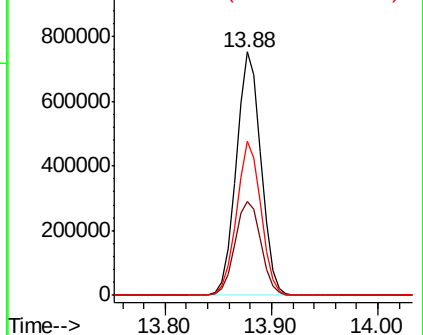
Tot Ion:	146	Resp:	1224857
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	62.7	32.7	98.1

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.08 ug/l

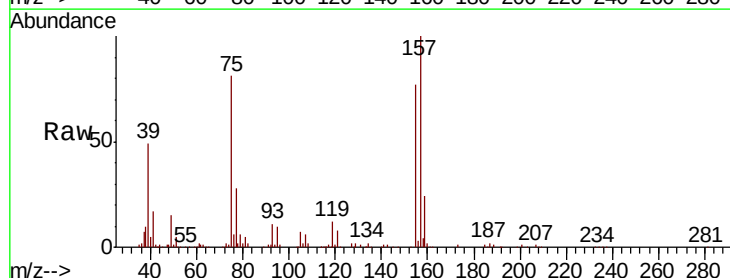
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

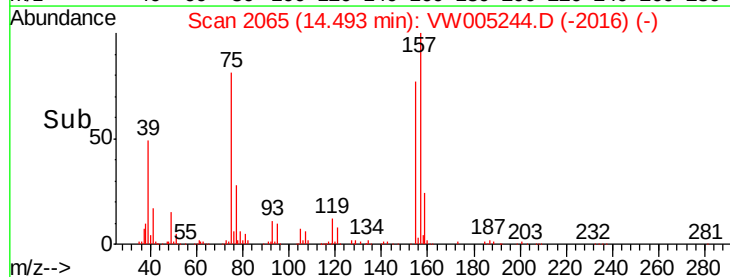
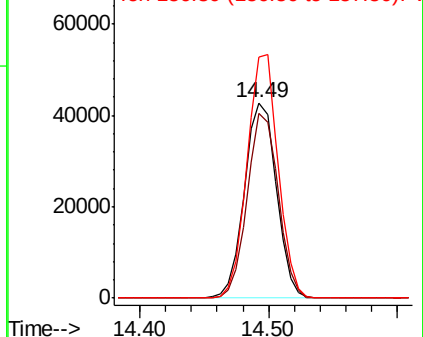
Lab File: VW005244.D

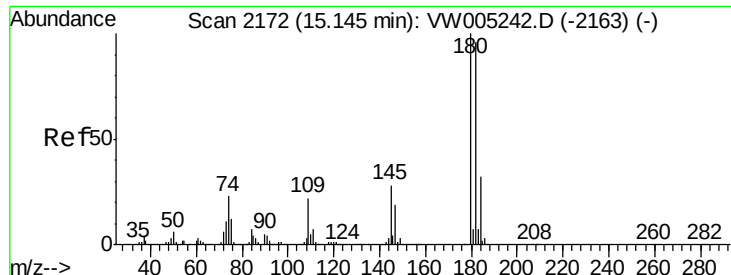
Acq: 10 Sep 2018 16:14

Tgt Ion:	75	Resp:	73129
Ion	Ratio	Lower	Upper
75	100		
155	91.6	47.4	142.2
157	120.5	59.4	178.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





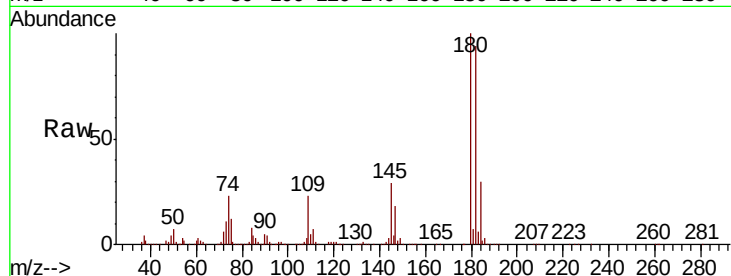
#93
 1,2,4-Trichlorobenzene
 Concen: 104.12 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

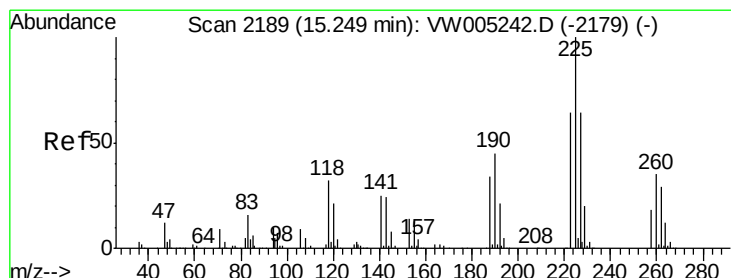
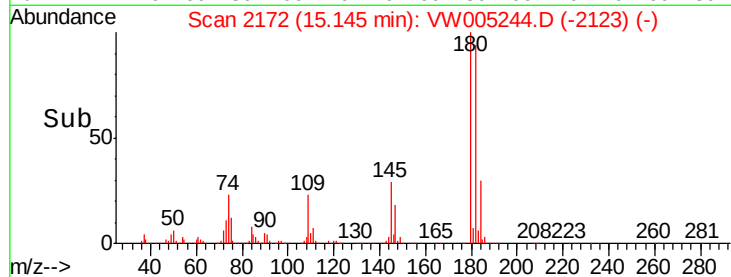
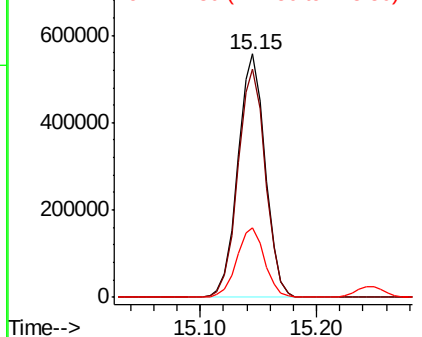
Tot Ion	Ratio	Resp	Lower	Upper
180	100	909037		
182	94.9		48.1	144.4
145	29.0		14.5	43.6

Manual Integrations
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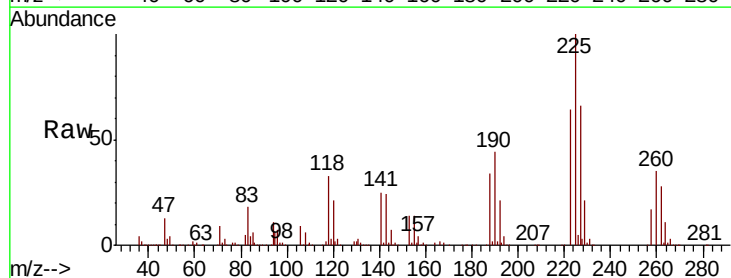


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

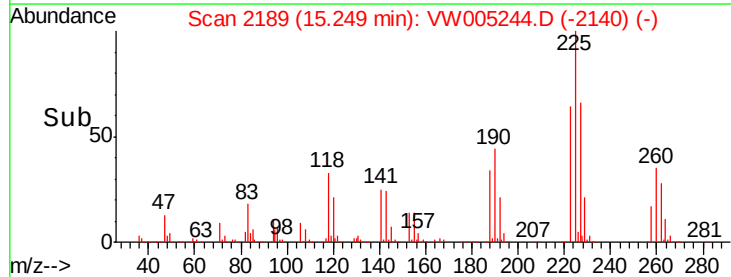
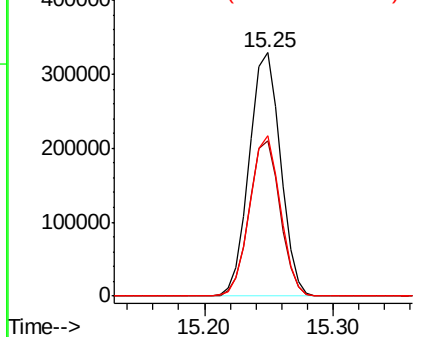


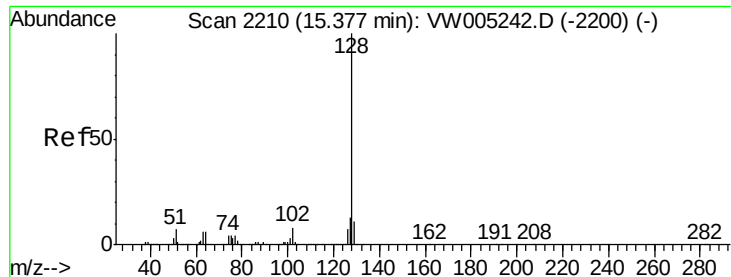
#94
 Hexachlorobutadiene
 Concen: 98.50 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005244.D
 Acq: 10 Sep 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	550682		
223	63.2		31.4	94.2
227	64.3		32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 112.12 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Instrument :

MSVOA_W

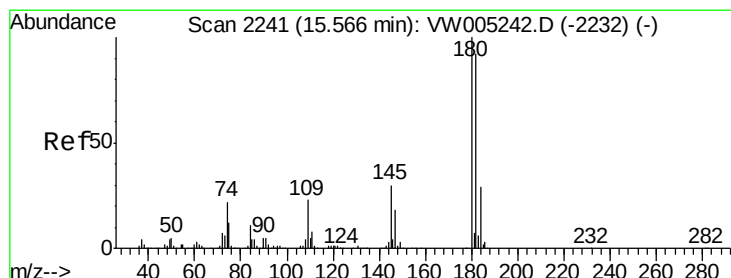
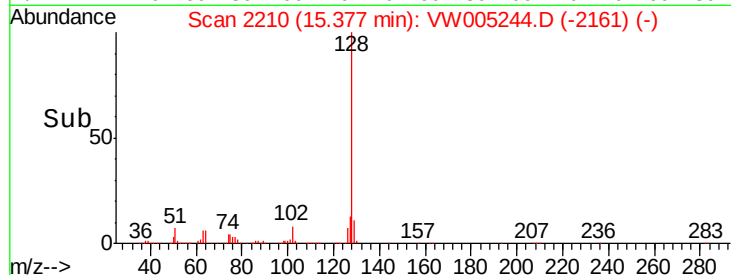
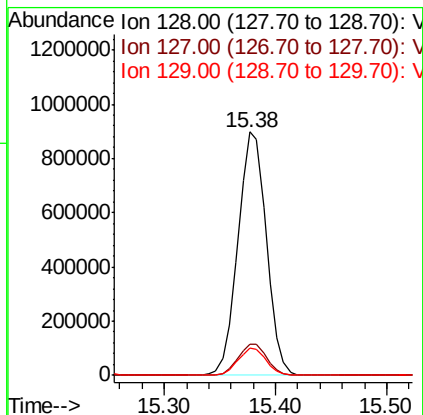
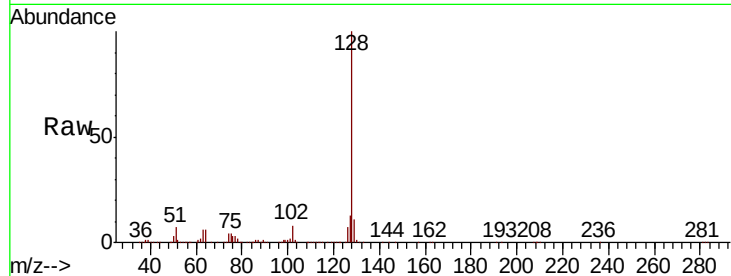
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	1587186
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 103.73 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005244.D

Acq: 10 Sep 2018 16:14

Tgt Ion:	180	Resp:	779312
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.2	141.6
145	30.7	15.2	45.6

