

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005232.D
 Acq On : 08 Sep 2018 02:19
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:21 AM

Quant Time: Sep 08 03:50:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	500535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	746630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	730210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	618365	149.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.00%	
35) Dibromofluoromethane	7.89	113	640954	149.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.98%	
50) Toluene-d8	10.33	98	3003513	150.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.88%	
62) 4-Bromofluorobenzene	12.63	95	1091121	154.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	557045	138.52	ug/l	96
3) Chloromethane	2.21	50	858764	148.92	ug/l	99
4) Vinyl Chloride	2.35	62	773354	138.72	ug/l	100
5) Bromomethane	2.73	94	479469	124.98	ug/l	98
6) Chloroethane	2.90	64	447259	130.48	ug/l	100
7) Trichlorofluoromethane	3.25	101	837918	133.77	ug/l	97
8) Diethyl Ether	3.68	74	350770	153.69	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	581628	134.69	ug/l	99
10) Methyl Iodide	4.27	142	874033	159.27	ug/l	100
11) Tert butyl alcohol	5.18	59	248291	822.35	ug/l	99
12) 1,1-Dichloroethene	4.04	96	586889	147.65	ug/l	100
13) Acrolein	3.90	56	243266	886.84	ug/l	97
14) Allyl chloride	4.67	41	979175	157.80	ug/l	99
15) Acrylonitrile	5.37	53	821783	839.22	ug/l	99
16) Acetone	4.12	43	557569	687.23	ug/l	97
17) Carbon Disulfide	4.38	76	2211048	158.97	ug/l	99
18) Methyl Acetate	4.67	43	399761	165.32	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1548314	159.06	ug/l	98
20) Methylene Chloride	4.92	84	780701	115.05	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	718382	148.46	ug/l	99
22) Diisopropyl ether	6.32	45	2038069	155.80	ug/l	96
23) Vinyl Acetate	6.26	43	5524609	799.41	ug/l	100
24) 1,1-Dichloroethane	6.22	63	1213310	148.91	ug/l	100
25) 2-Butanone	7.18	43	916268	657.15	ug/l	97
26) 2,2-Dichloropropane	7.17	77	834123	125.44	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	803670	152.12	ug/l	99
28) Bromochloromethane	7.52	49	458076	139.93	ug/l	98
29) Tetrahydrofuran	7.53	42	652974	883.72	ug/l	99
30) Chloroform	7.68	83	1210296	145.56	ug/l	100
31) Cyclohexane	7.96	56	1069609	132.82	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	965652	133.23	ug/l	100
36) 1,1-Dichloropropene	8.09	75	917013	131.44	ug/l	99
37) Ethyl Acetate	7.26	43	409061	154.34	ug/l	100
38) Carbon Tetrachloride	8.07	117	839354	126.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1314534	155.06	ug/l	99
40) Benzene	8.33	78	2963634	138.61	ug/l	100
41) Methacrylonitrile	7.49	41	251493	165.61	ug/l	99
42) 1,2-Dichloroethane	8.41	62	731435	139.97	ug/l	99
43) Isopropyl Acetate	8.43	43	789203	163.09	ug/l	99
44) Trichloroethene	9.10	130	761259	132.21	ug/l	99
45) 1,2-Dichloropropane	9.38	63	698494	134.13	ug/l	97
46) Dibromomethane	9.46	93	359641	144.38	ug/l	98
47) Bromodichloromethane	9.65	83	856276	136.76	ug/l	100
48) Methyl methacrylate	9.44	41	434868	183.75	ug/l	99
49) 1,4-Dioxane	9.45	88	127859	3124.13	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	2197615	701.57	ug/l	100
52) Toluene	10.40	92	2113022	145.82	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	932407	150.37	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	1073663	143.22	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	537311	138.60	ug/l	99
56) Ethyl methacrylate	10.65	69	789090	175.17	ug/l	99
57) 1,3-Dichloropropane	10.94	76	919958	143.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1669564	795.35	ug/l	99
59) 2-Hexanone	10.98	43	1552012	729.26	ug/l	100
60) Dibromochloromethane	11.13	129	628051	143.26	ug/l	99
61) 1,2-Dibromoethane	11.24	107	520963	147.93	ug/l	98
64) Tetrachloroethene	10.87	164	826869	144.98	ug/l	100
65) Chlorobenzene	11.66	112	2336376	144.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	713871	144.19	ug/l	100
67) Ethyl Benzene	11.74	91	4141102	151.48	ug/l	100
68) m/p-Xylenes	11.85	106	3256827	297.89	ug/l	100
69) o-Xylene	12.17	106	1564103	154.13	ug/l	100
70) Styrene	12.19	104	2599180	155.53	ug/l	100
71) Bromoform	12.35	173	406855	153.66	ug/l	99
73) Isopropylbenzene	12.47	105	4106051	154.41	ug/l	100
74) N-amyl acetate	12.28	43	861914	182.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	645569	156.36	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	447961m	154.58	ug/l	
77) Bromobenzene	12.76	156	975167	148.47	ug/l	98
78) n-propylbenzene	12.81	91	4909520	153.34	ug/l	100
79) 2-Chlorotoluene	12.90	91	2818878	150.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3509715	153.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	200840	168.53	ug/l	96
82) 4-Chlorotoluene	12.99	91	2921263	147.65	ug/l	100
83) tert-Butylbenzene	13.21	119	2990351	155.05	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	3594966	154.23	ug/l	100
85) sec-Butylbenzene	13.39	105	4305773	152.76	ug/l	100
86) p-Isopropyltoluene	13.51	119	3869590	155.21	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1940758	144.14	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1916956	143.29	ug/l	100
89) n-Butylbenzene	13.83	91	3646198	158.10	ug/l	100
90) Hexachloroethane	14.10	117	635998	152.78	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	1723961	146.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	108327	165.79	ug/l	99

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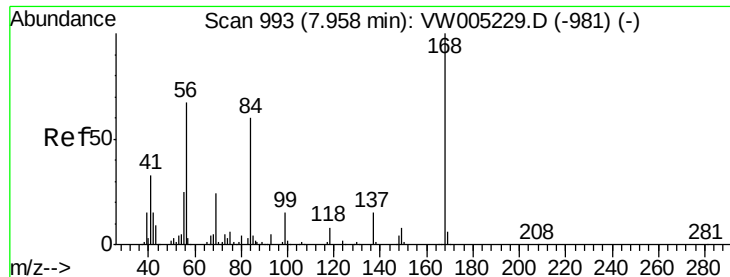
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1261106	160.27	ug/l	99
94) Hexachlorobutadiene	15.25	225	718647	145.96	ug/l	100
95) Naphthalene	15.38	128	2333689	187.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1097286	162.29	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: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 500535

Ion Ratio Lower Upper

168 100

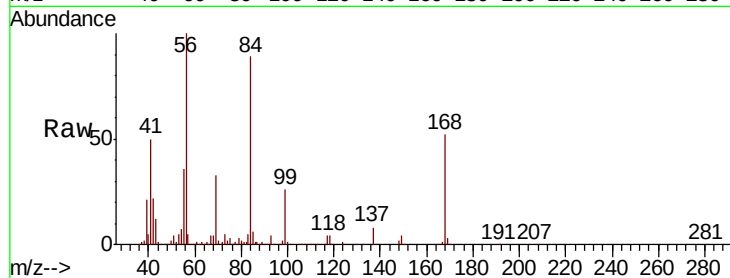
99 49.4 39.4 59.2

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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

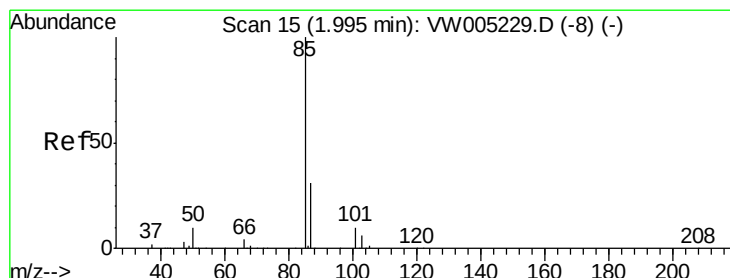
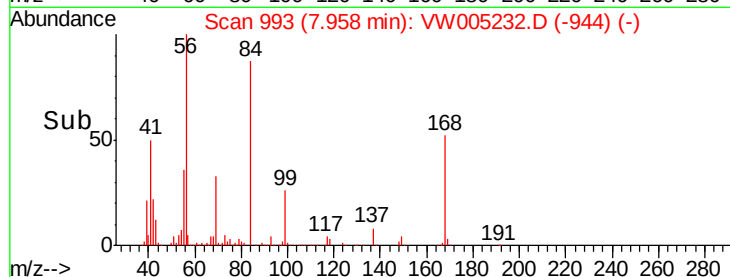
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 138.52 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW005232.D

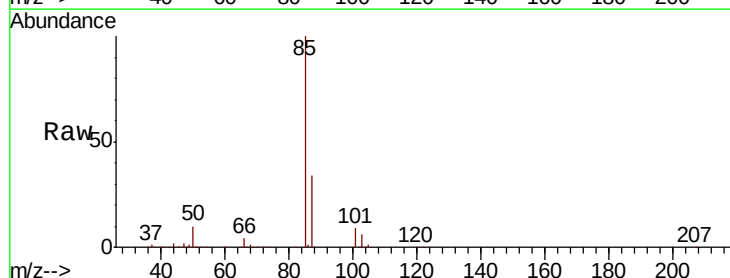
Acq: 08 Sep 2018 02:19

Tgt Ion: 85 Resp: 557045

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400000

300000

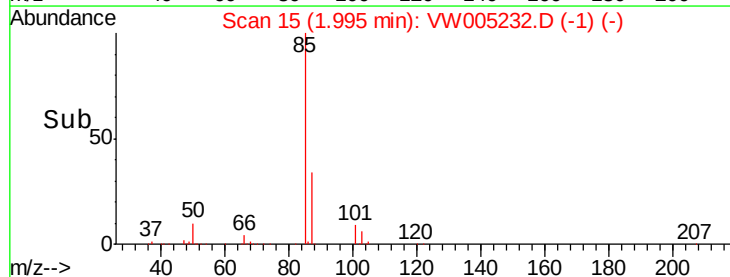
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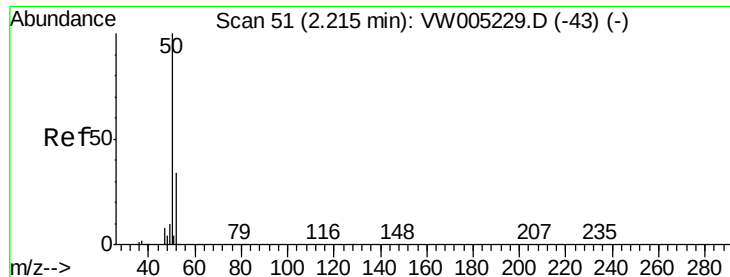
100000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 148.92 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 858764

Ion Ratio Lower Upper

50 100

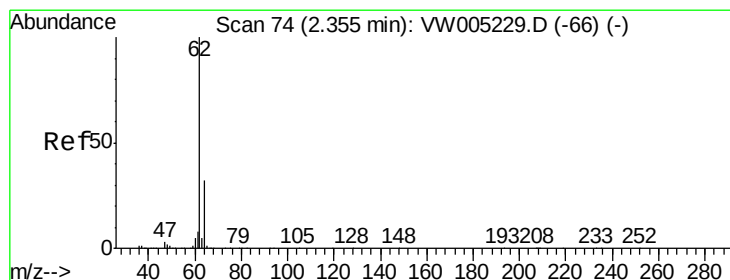
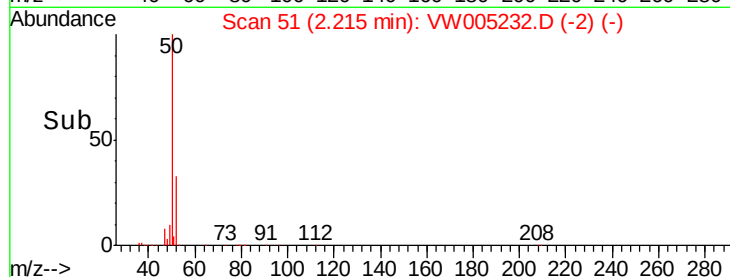
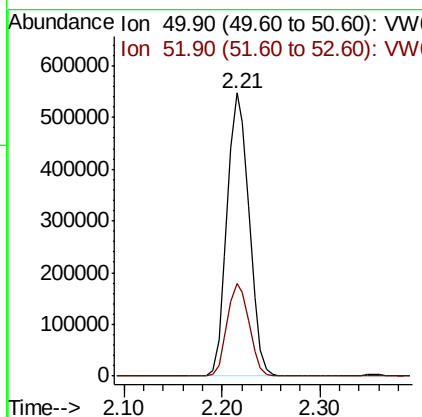
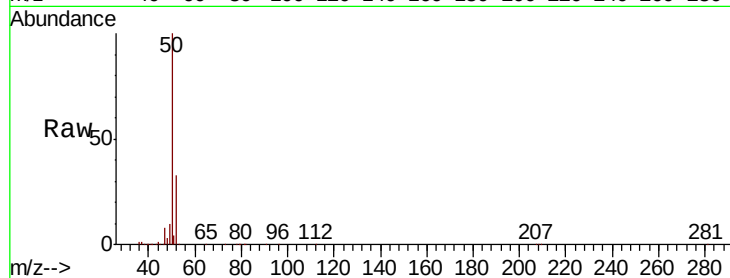
52 32.8 26.9 40.3

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#4

Vinyl Chloride

Concen: 138.72 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW005232.D

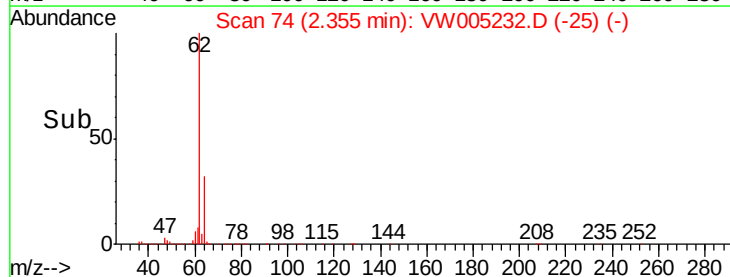
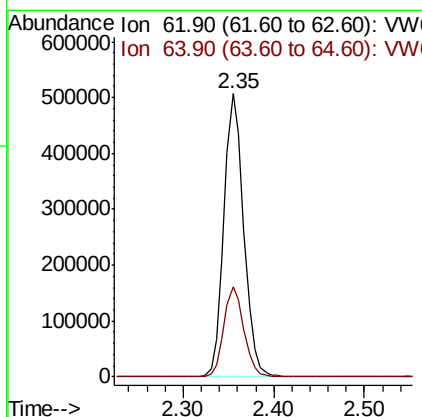
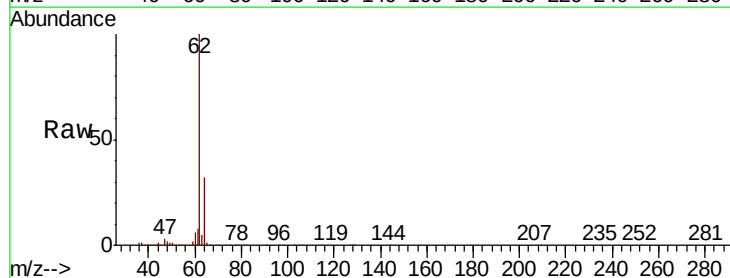
Acq: 08 Sep 2018 02:19

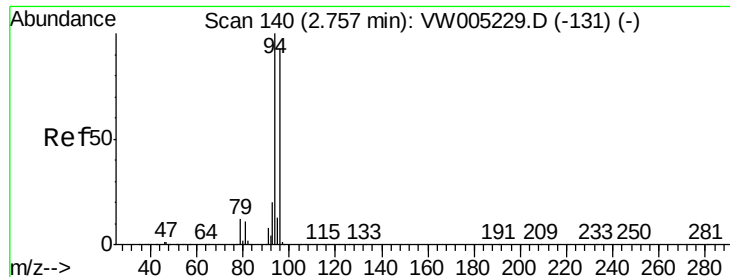
Tgt Ion: 62 Resp: 773354

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 124.98 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.02 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 479469

Ion Ratio Lower Upper

94 100

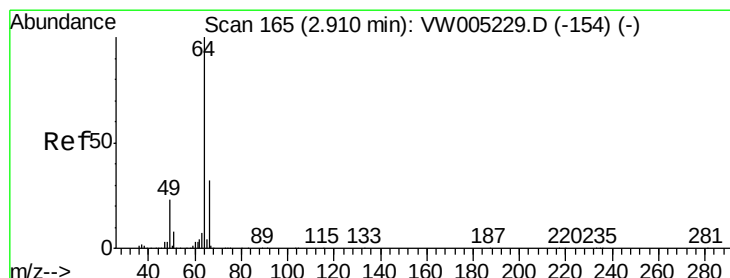
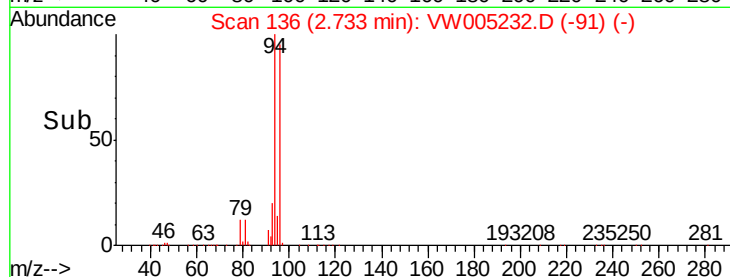
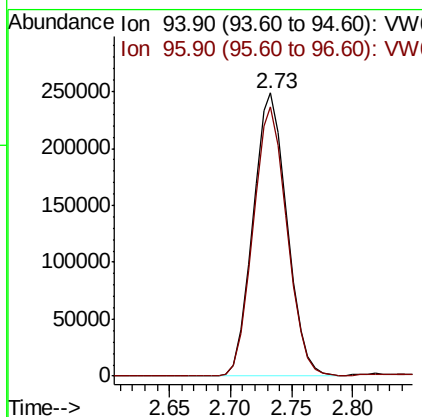
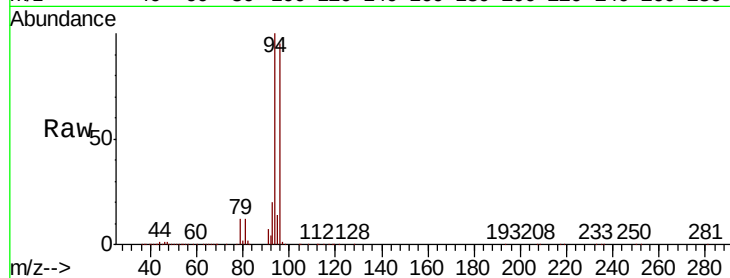
96 95.2 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 130.48 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW005232.D

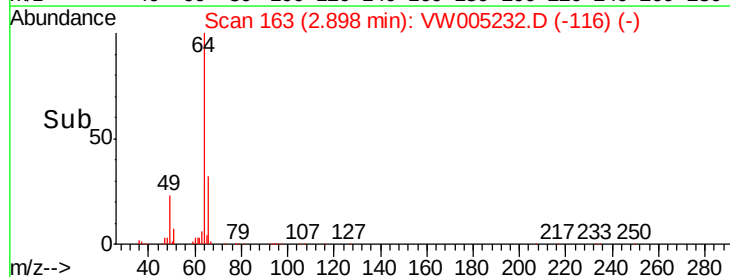
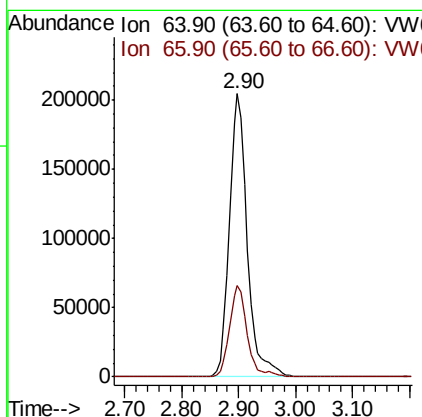
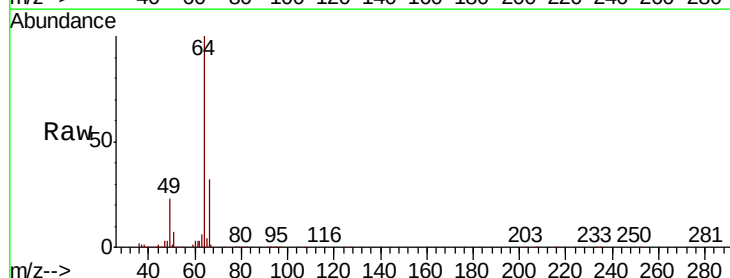
Acq: 08 Sep 2018 02:19

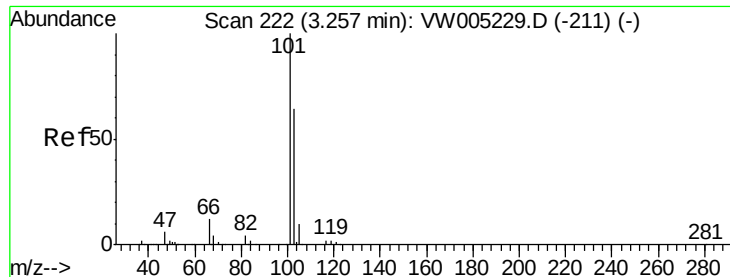
Tgt Ion: 64 Resp: 447259

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

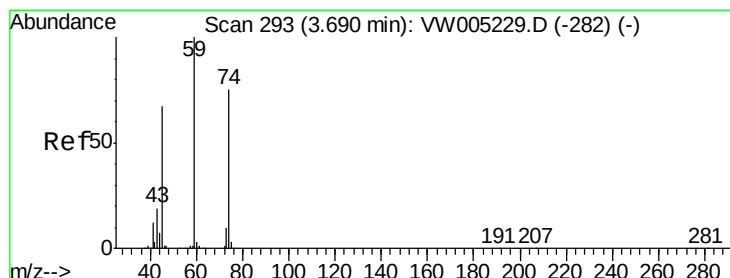
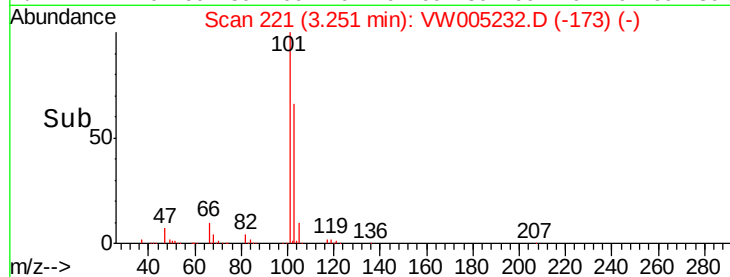
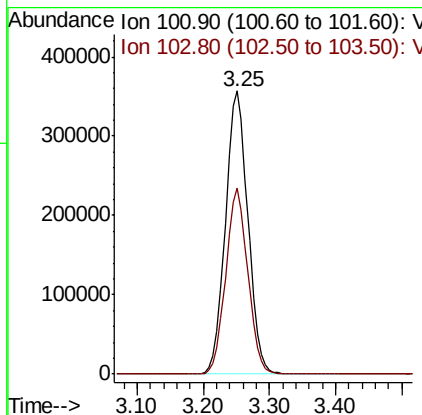
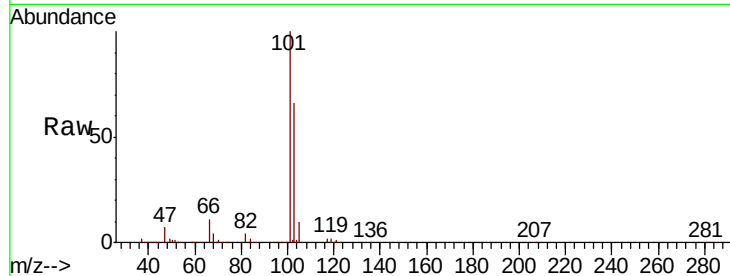
Trichlorofluoromethane
Concen: 133.77 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	837918		
103	65.8	51.0	76.6		

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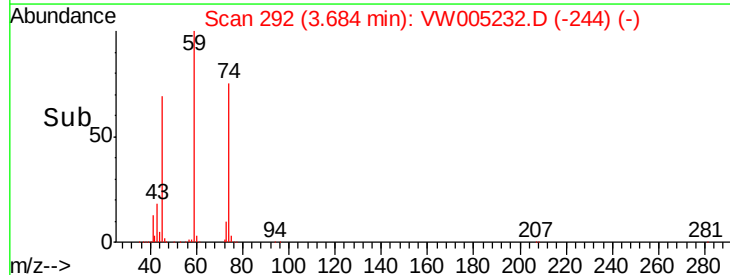
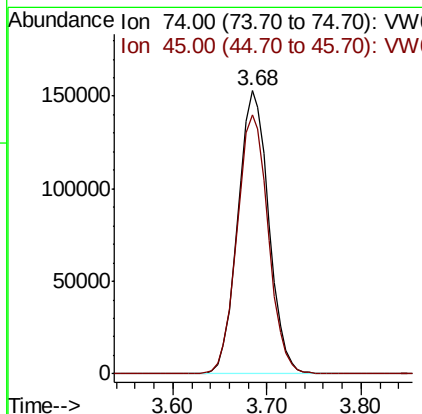
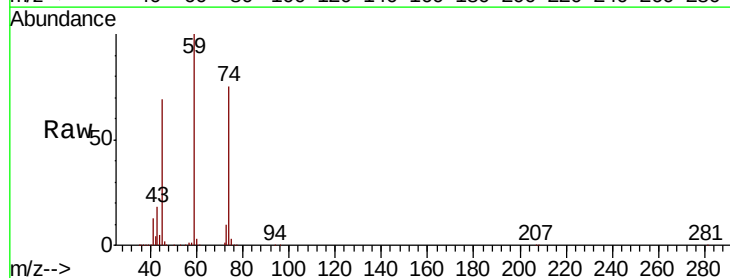
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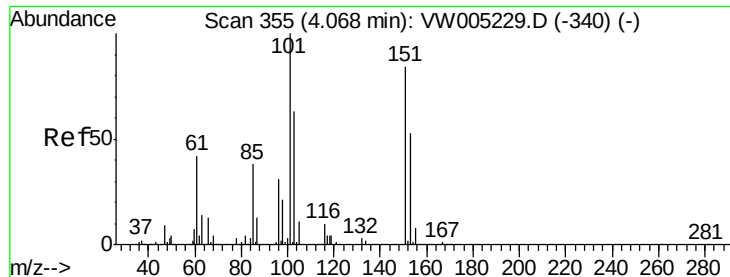


#8

Diethyl Ether
Concen: 153.69 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100	350770		
45	92.2	46.5	139.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.69 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

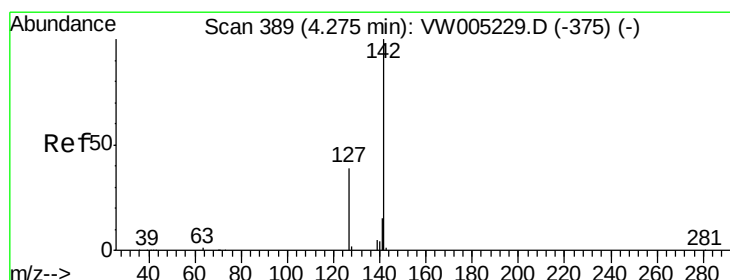
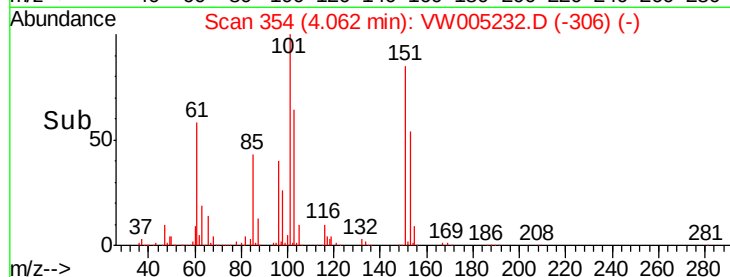
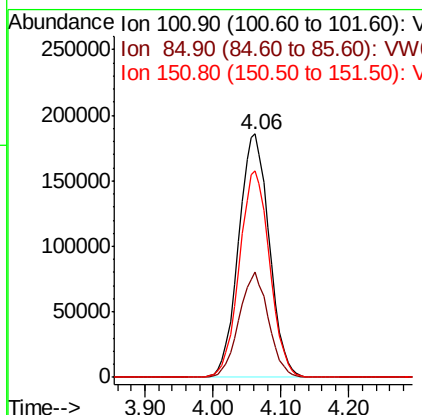
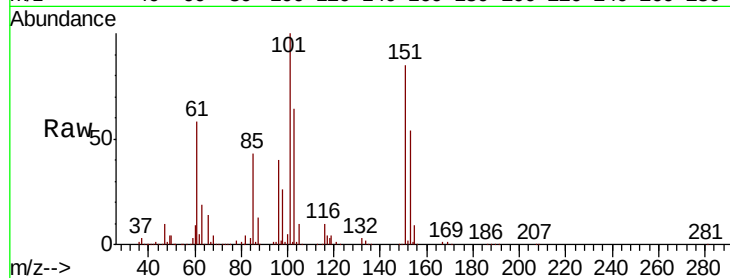
ClientSampleId :

VSTDICC150

Tot Ion:	101	Resp:	581628
Ion Ratio	Lower	Upper	
101	100		
85	41.3	32.5	48.7
151	83.8	67.7	101.5

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#10

Methyl Iodide

Concen: 159.27 ug/l

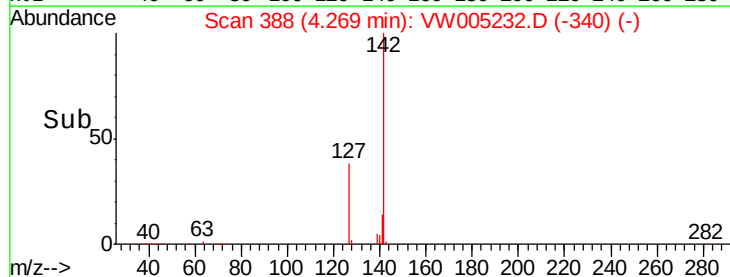
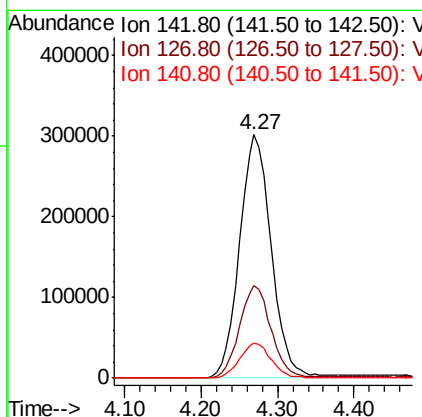
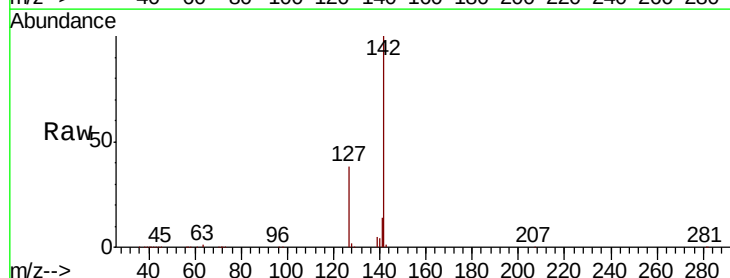
RT: 4.27 min Scan# 388

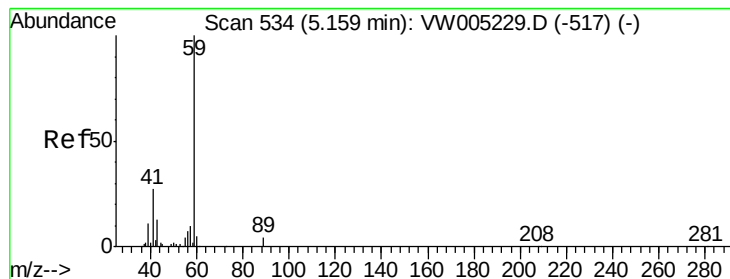
Delta R.T. -0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion:	142	Resp:	874033
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.6	45.8
141	14.3	11.6	17.4





#11

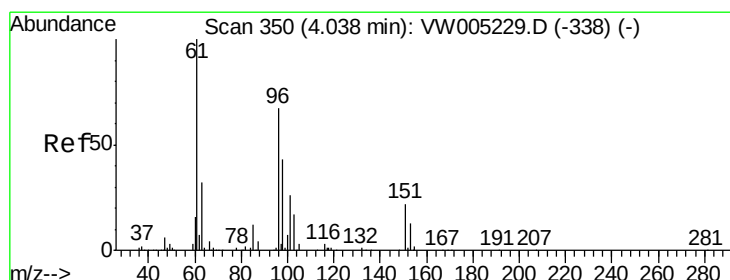
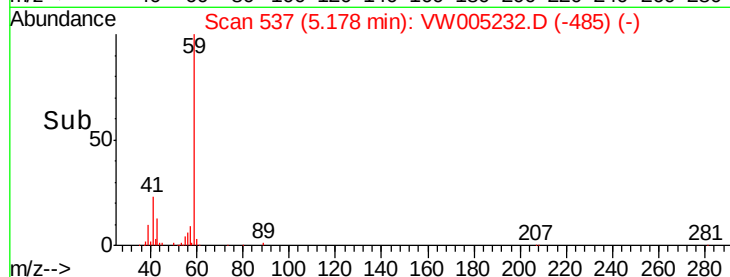
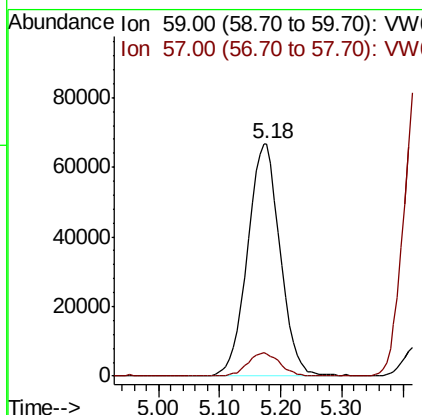
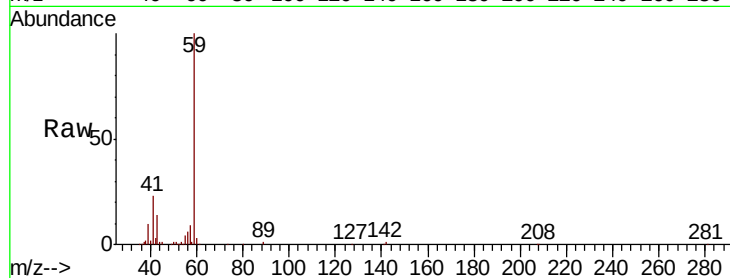
Tert butyl alcohol
Concen: 822.35 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	248291		
57	57	10.0		8.2	12.4

Manual Integrations
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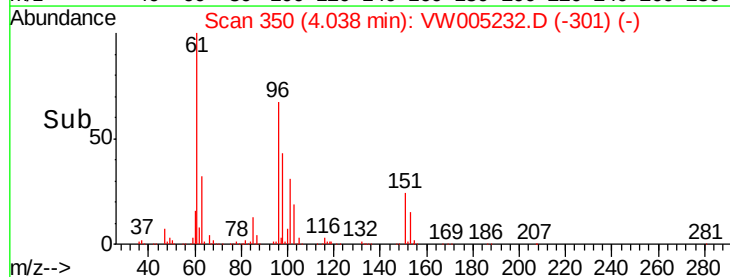
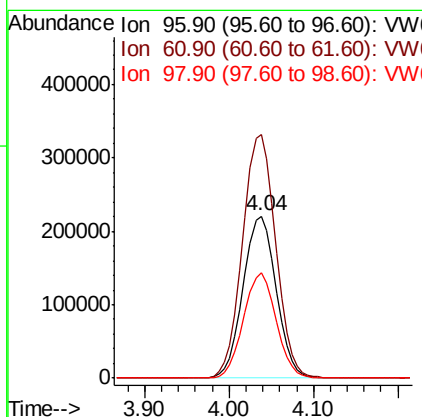
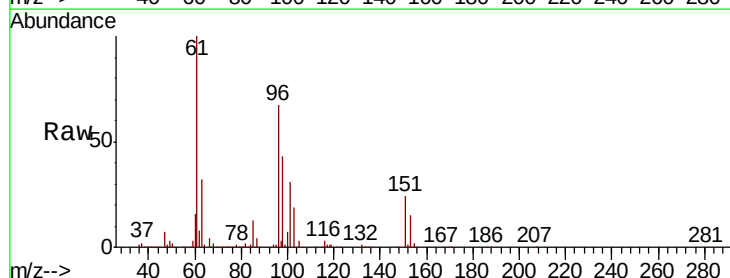
apatel
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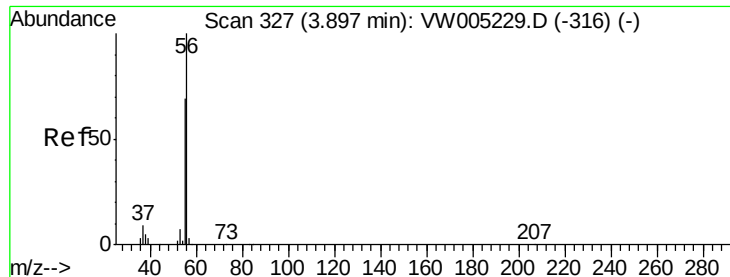


#12

1,1-Dichloroethene
Concen: 147.65 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	586889		
61	61	150.3		120.3	180.5
98	98	64.9		51.9	77.9





#13

Acrolein

Concen: 886.84 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 243266

Ion Ratio Lower Upper

56 100

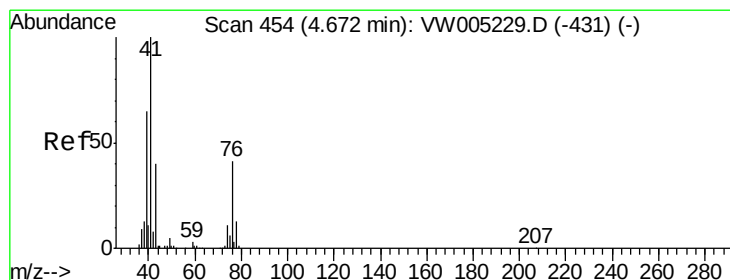
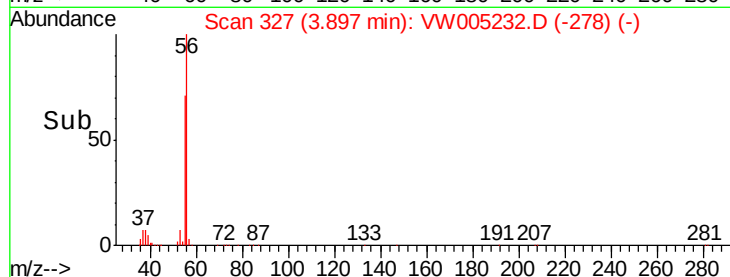
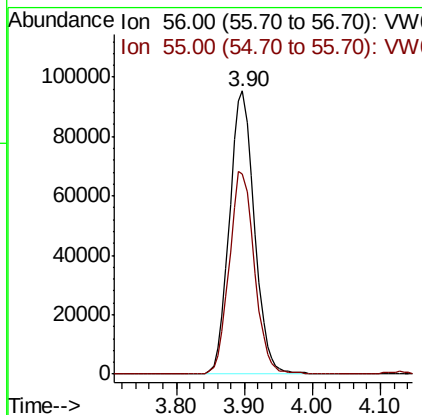
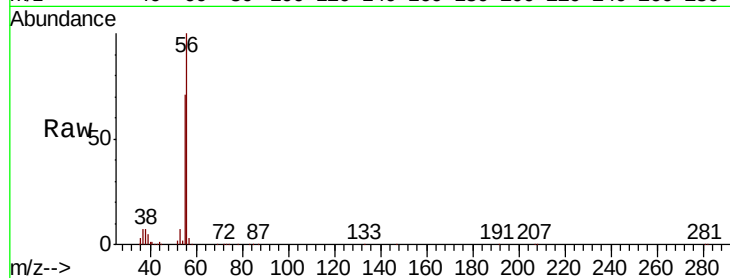
55 72.0 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 157.80 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

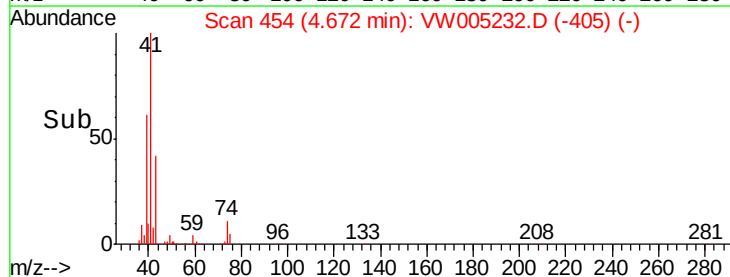
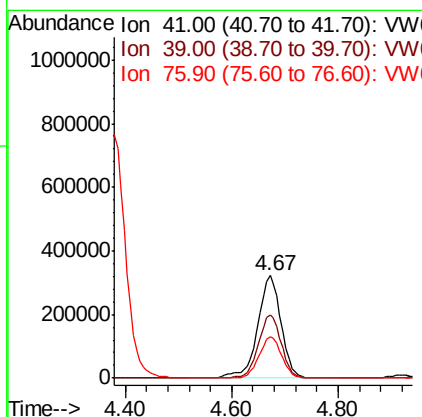
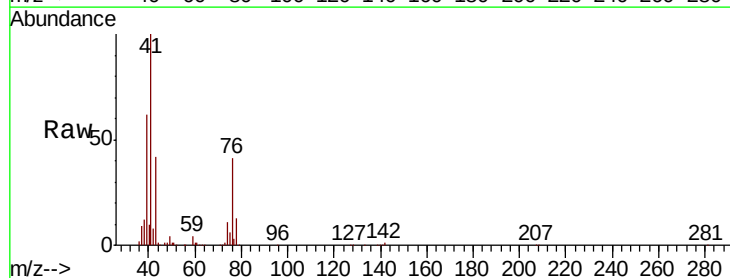
Tgt Ion: 41 Resp: 979175

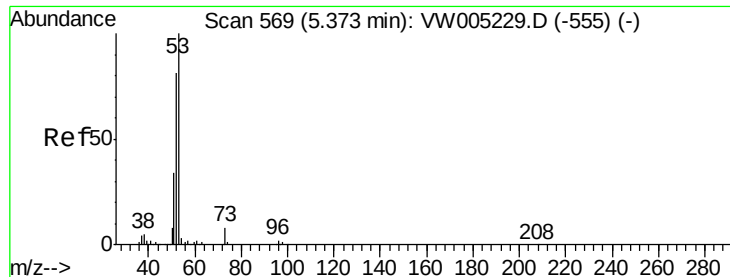
Ion Ratio Lower Upper

41 100

39 60.4 49.1 73.7

76 38.5 31.0 46.6





#15

Acrylonitrile

Concen: 839.22 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

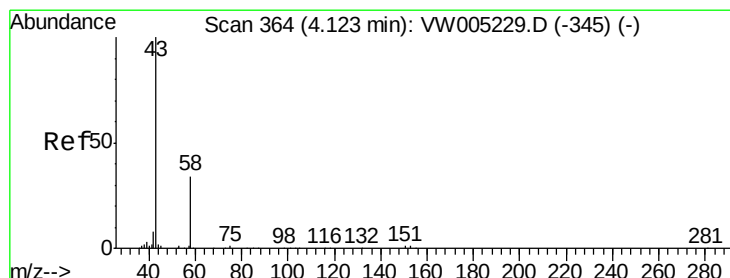
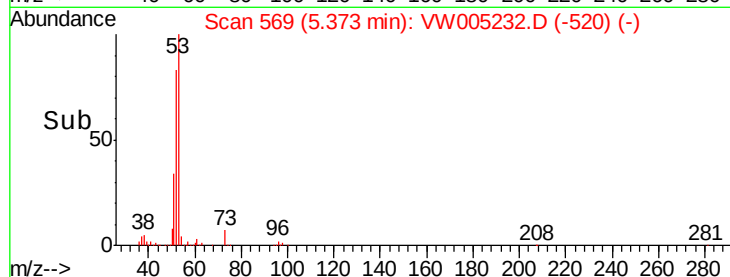
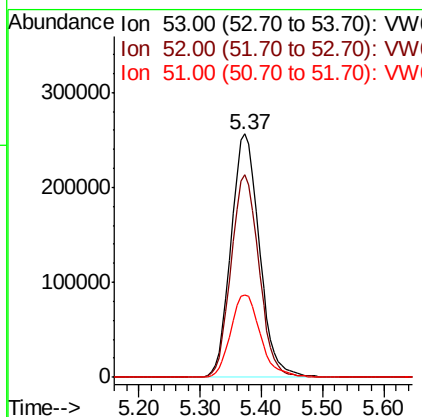
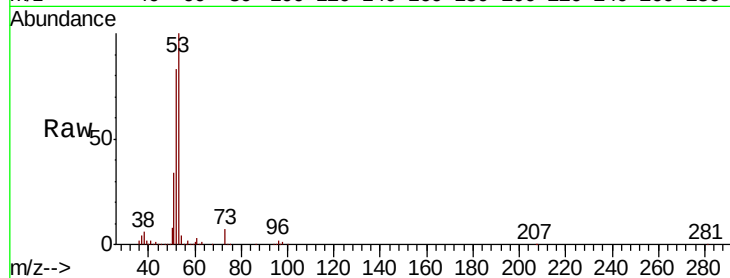
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	821783
Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.9	97.3
51	35.6	28.2	42.2

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#16

Acetone

Concen: 687.23 ug/l

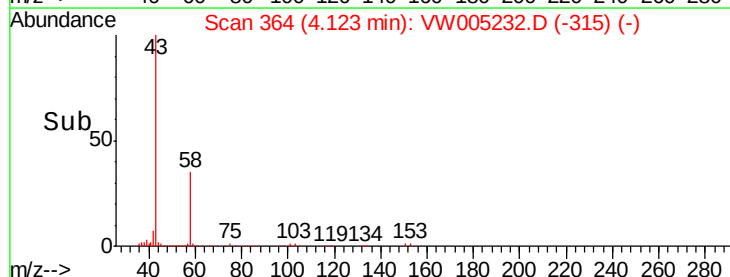
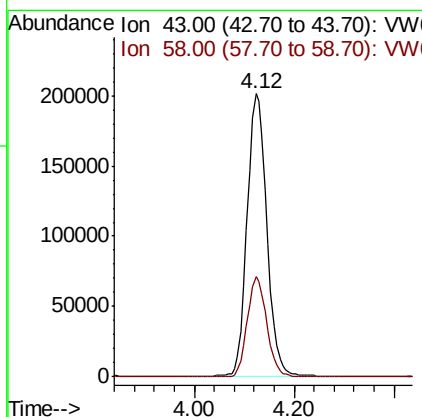
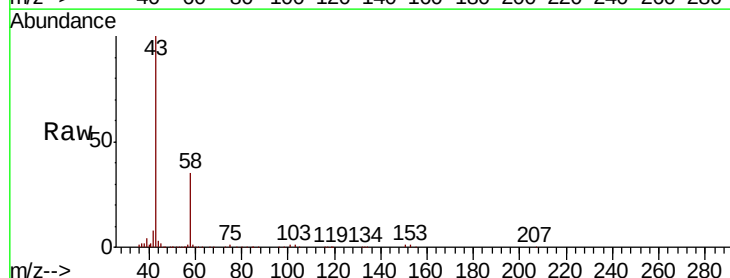
RT: 4.12 min Scan# 364

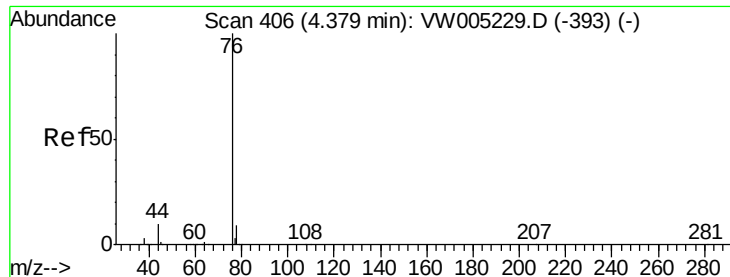
Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion:	43	Resp:	557569
Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.0	40.4





#17

Carbon Disulfide

Concen: 158.97 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 2211048

Ion Ratio Lower Upper

76 100

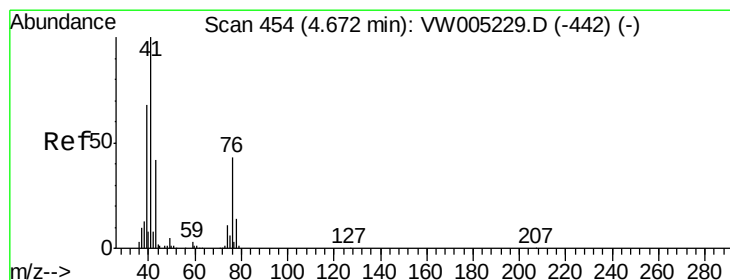
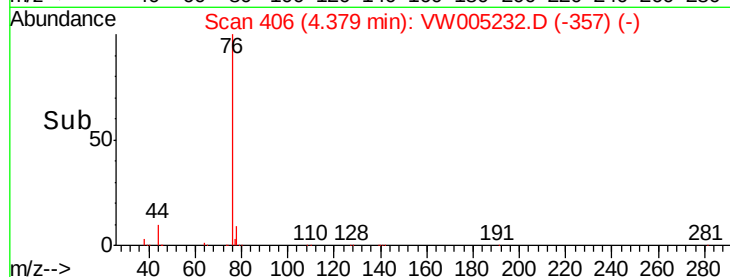
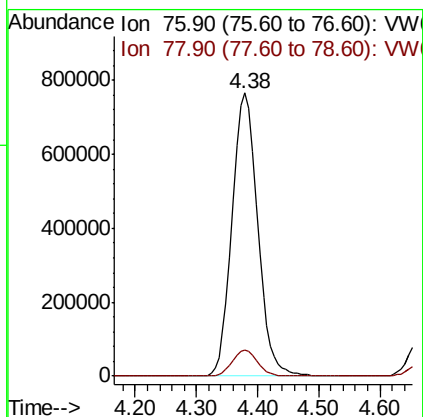
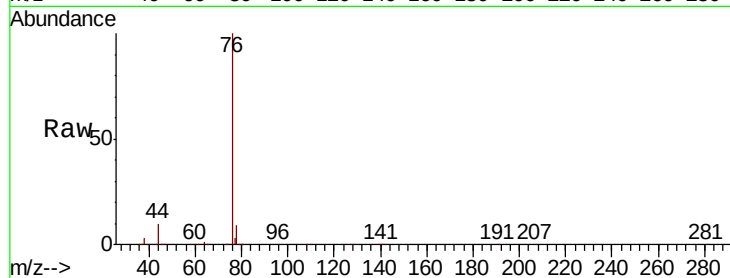
78 9.3 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 165.32 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005232.D

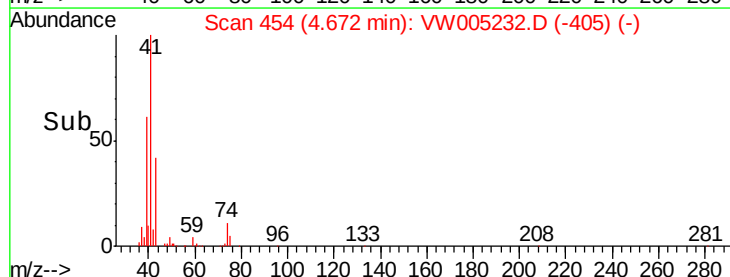
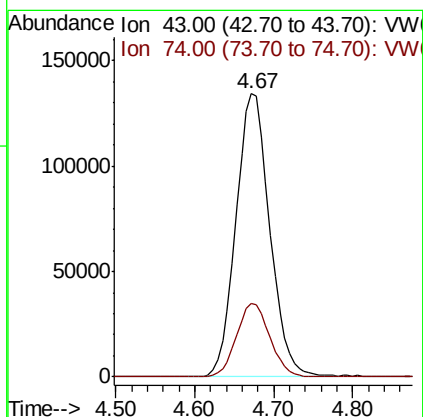
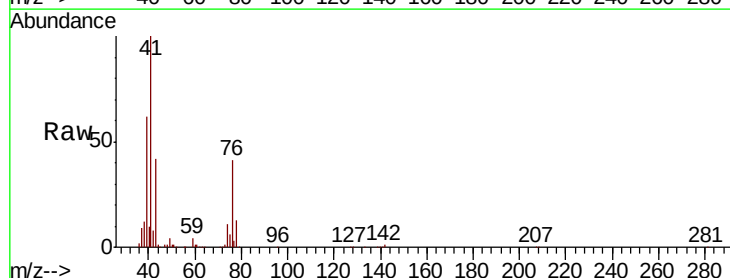
Acq: 08 Sep 2018 02:19

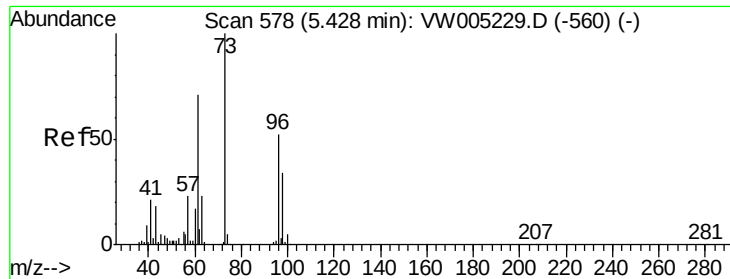
Tgt Ion: 43 Resp: 399761

Ion Ratio Lower Upper

43 100

74 25.9 20.8 31.2





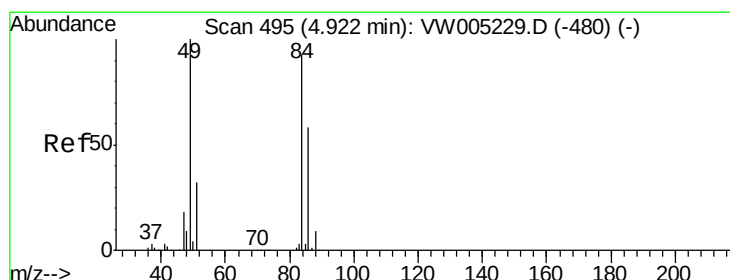
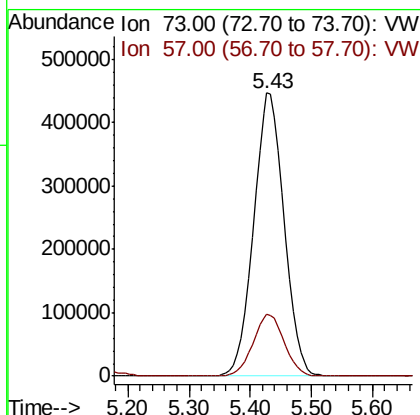
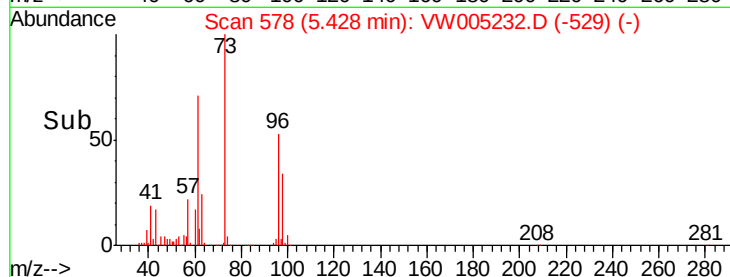
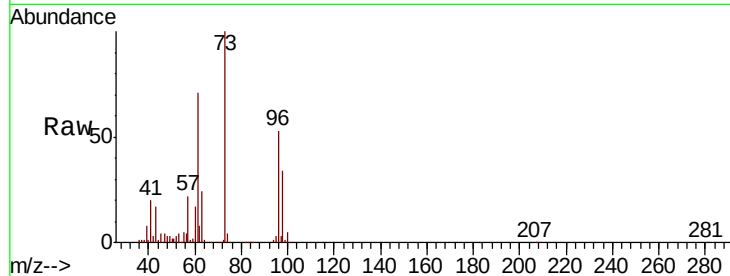
#19
Methyl tert-butyl Ether
Concen: 159.06 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 73 Resp: 1548314
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2

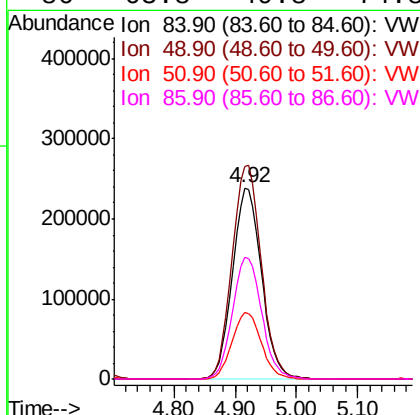
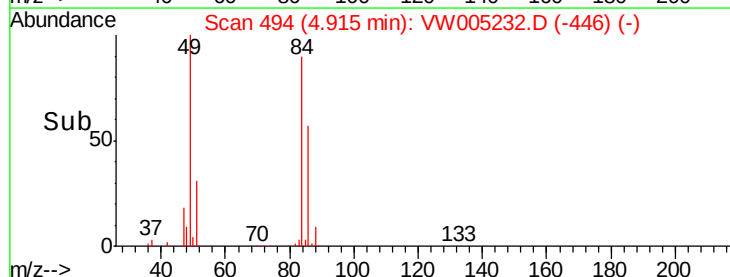
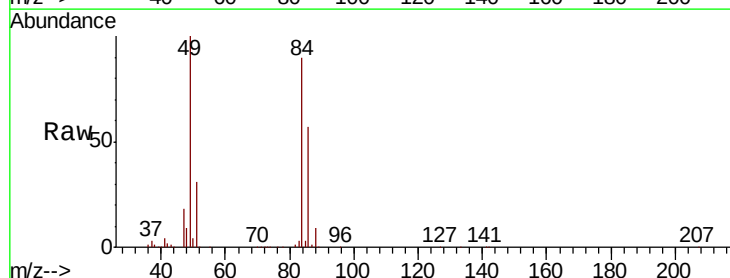
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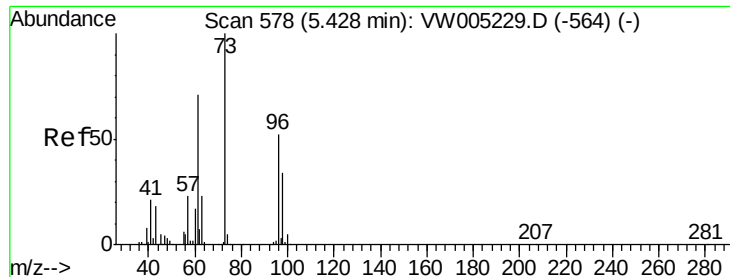
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#20
Methylene Chloride
Concen: 115.05 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion: 84 Resp: 780701
Ion Ratio Lower Upper
84 100
49 111.6 85.8 128.6
51 34.8 27.7 41.5
86 63.8 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 148.46 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 718382

Ion Ratio Lower Upper

96 100

61 133.8 108.2 162.4

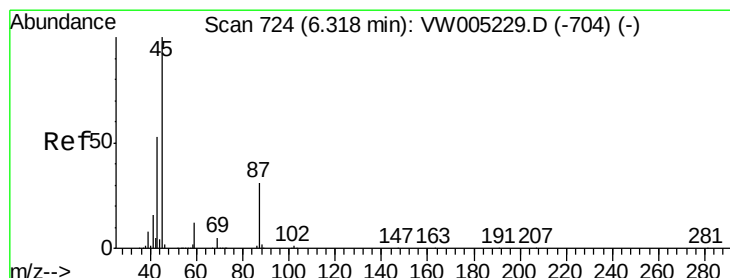
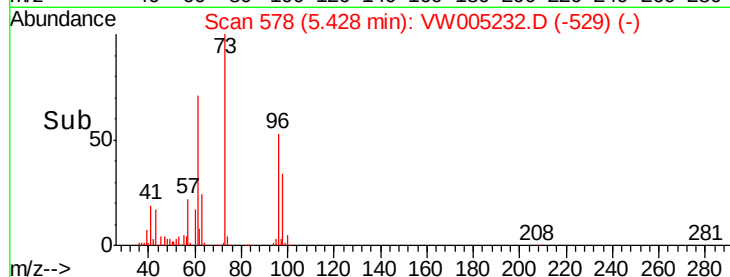
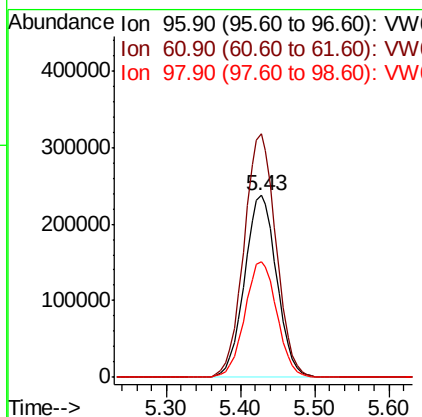
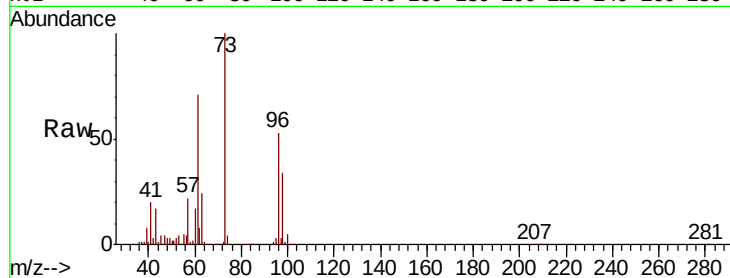
98 63.6 51.9 77.9

Manual Integrations

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#22

Diisopropyl ether

Concen: 155.80 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion: 45 Resp: 2038069

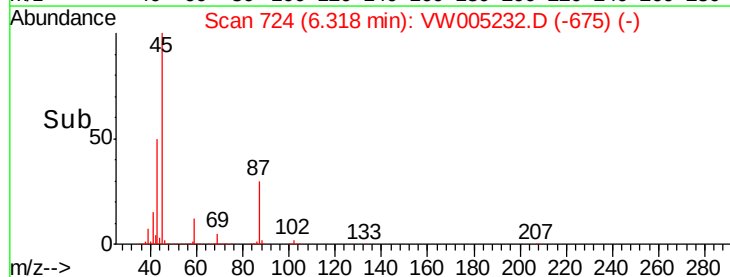
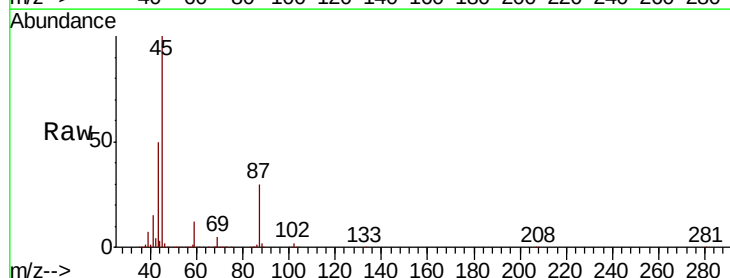
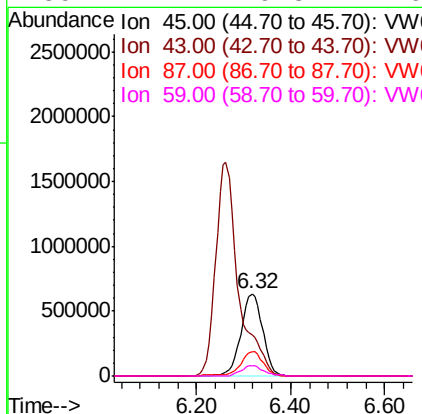
Ion Ratio Lower Upper

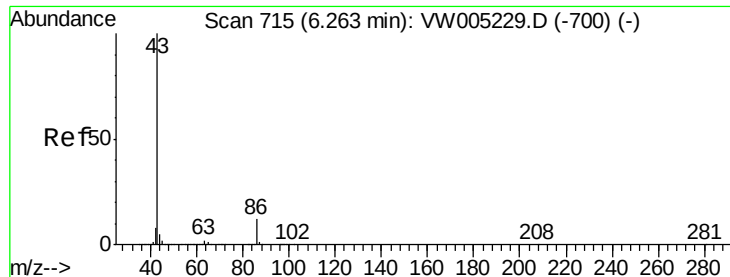
45 100

43 49.6 42.5 63.7

87 29.7 24.7 37.1

59 12.4 9.8 14.6





#23

Vinyl Acetate

Concen: 799.41 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5524609

Ion Ratio Lower Upper

43 100

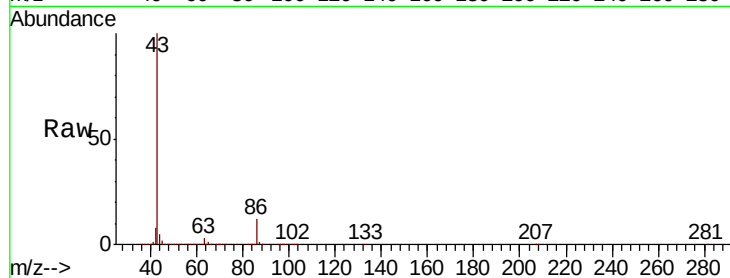
86 11.5 9.3 13.9

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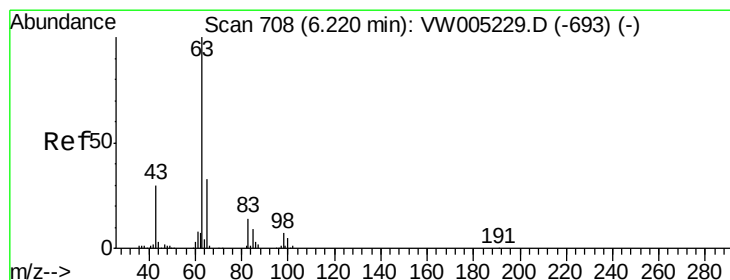
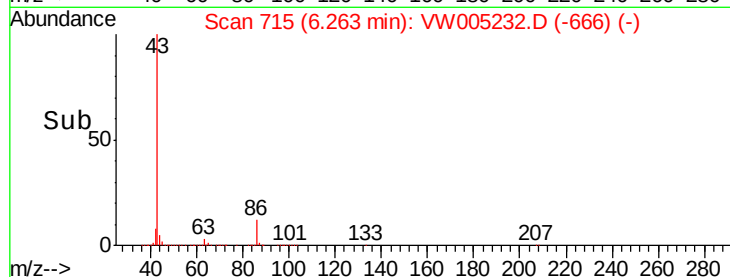
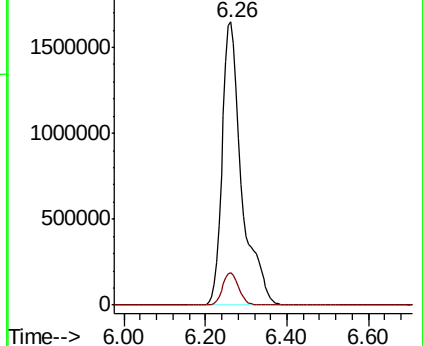
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 148.91 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

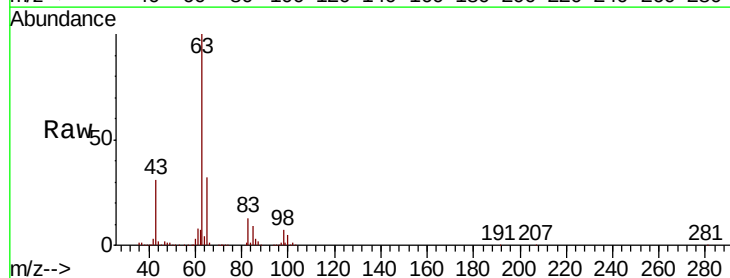
Tgt Ion: 63 Resp: 1213310

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

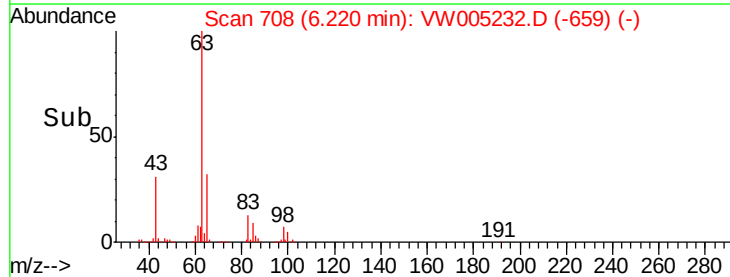
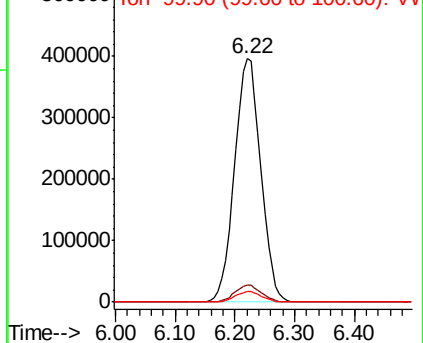
100 4.6 2.3 6.8

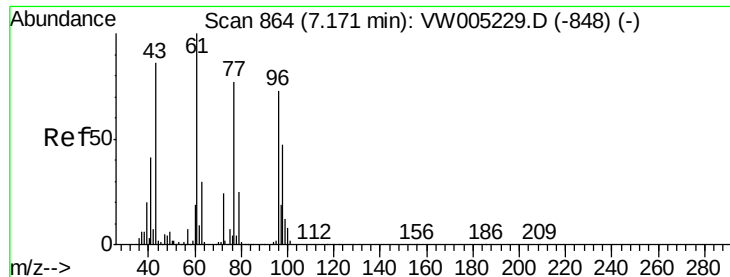


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 657.15 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 916268

Ion Ratio Lower Upper

43 100

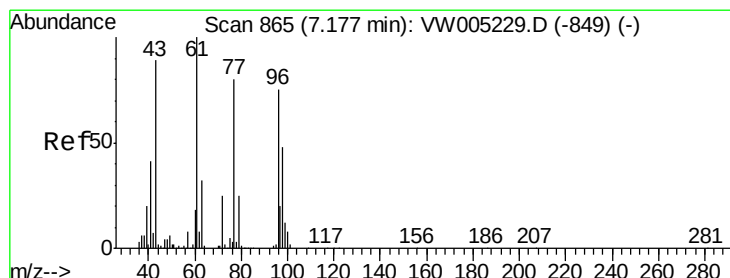
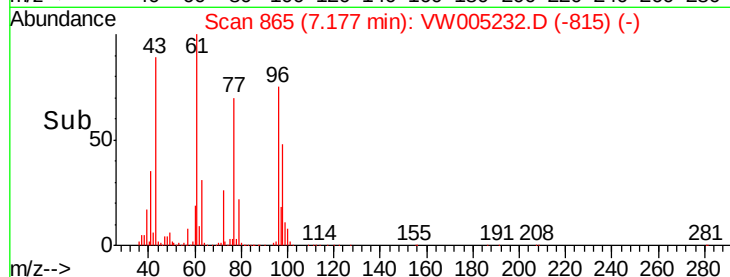
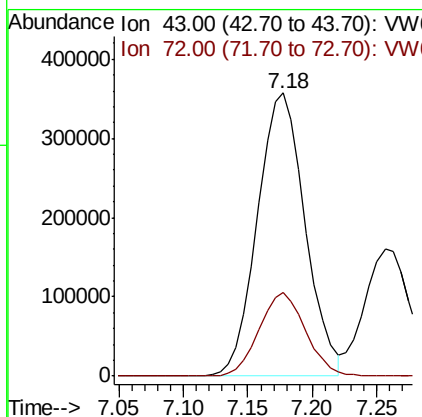
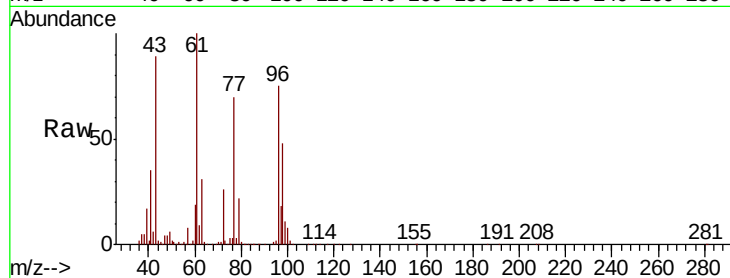
72 29.6 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 125.44 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005232.D

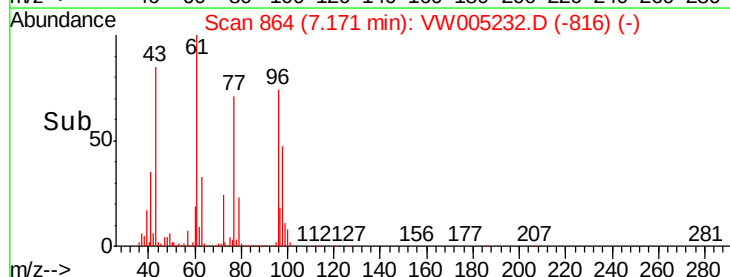
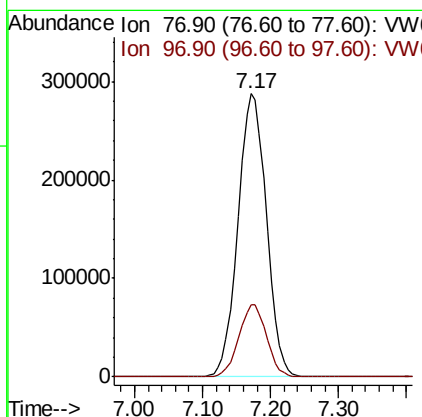
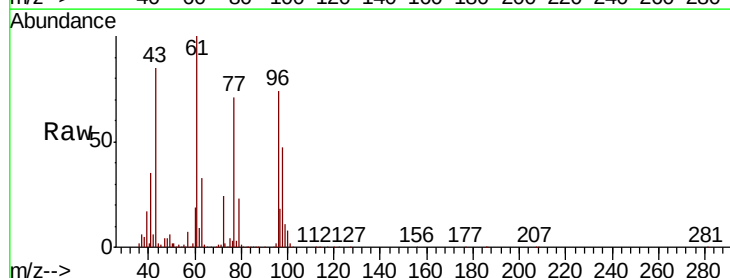
Acq: 08 Sep 2018 02:19

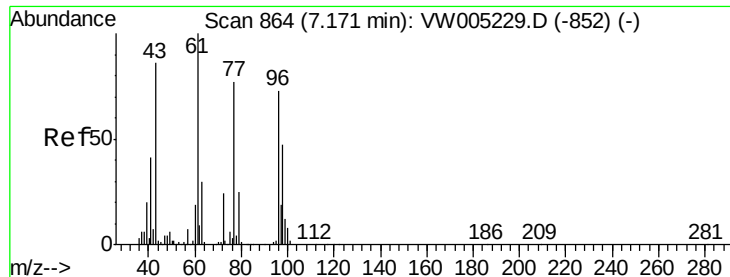
Tgt Ion: 77 Resp: 834123

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 152.12 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

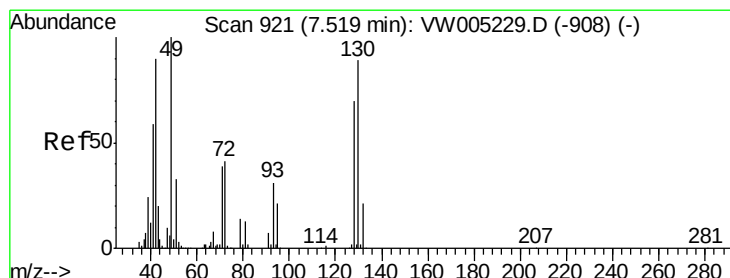
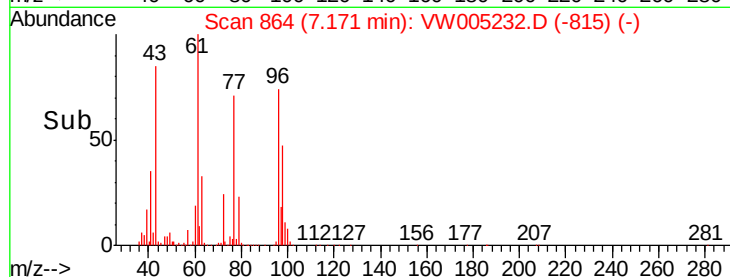
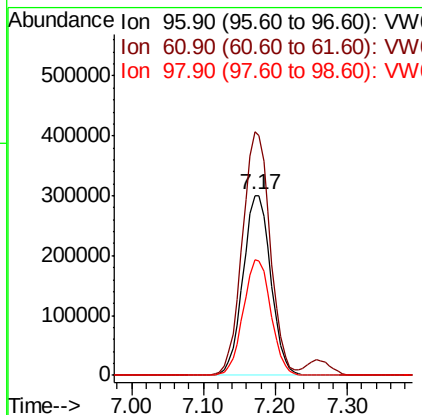
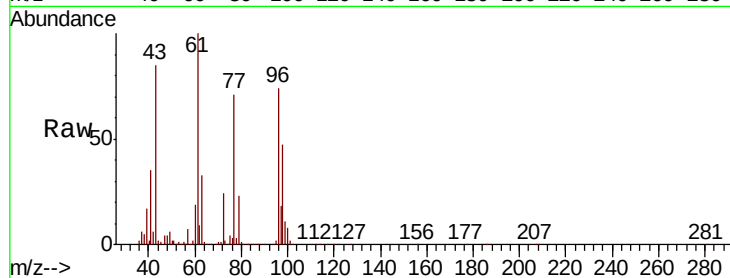
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	803670
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	274.6
98	64.1	0.0	129.6

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#28

Bromochloromethane

Concen: 139.93 ug/l

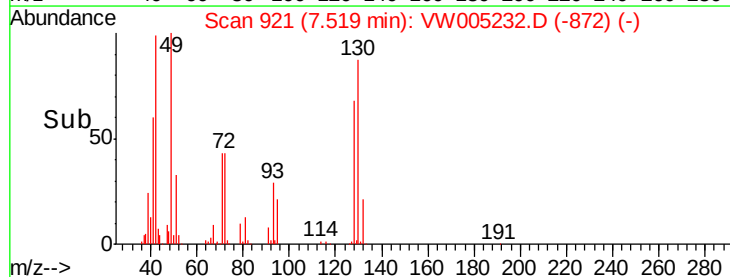
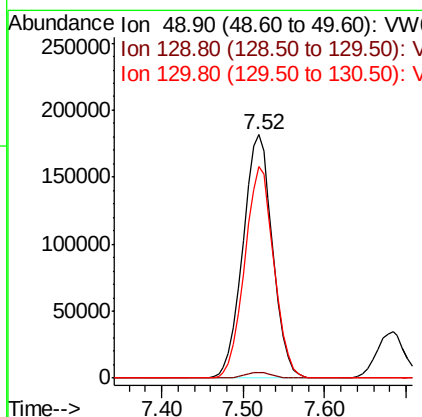
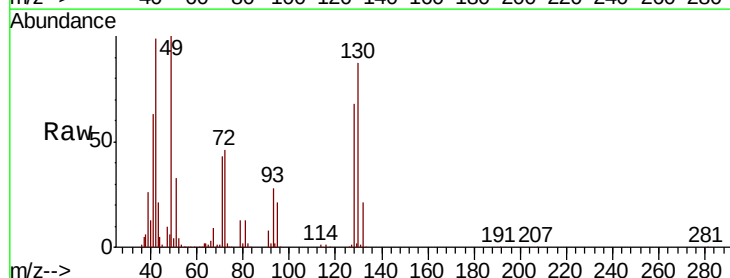
RT: 7.52 min Scan# 921

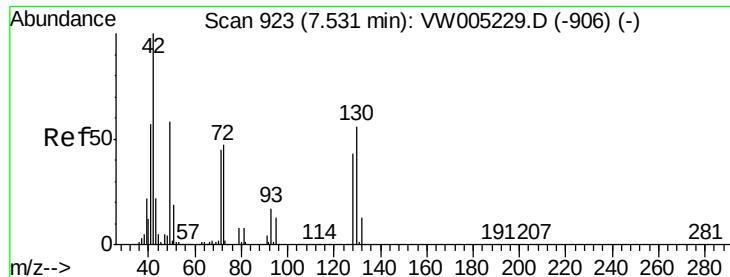
Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion:	49	Resp:	458076
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	86.0	70.0	105.0





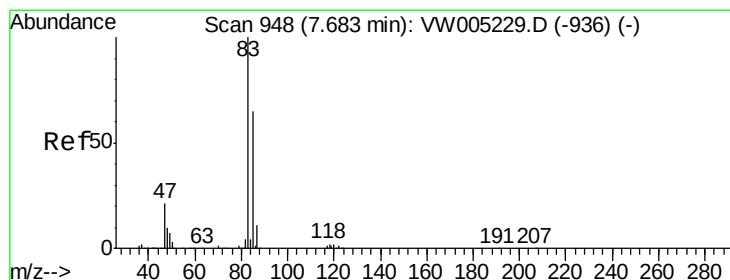
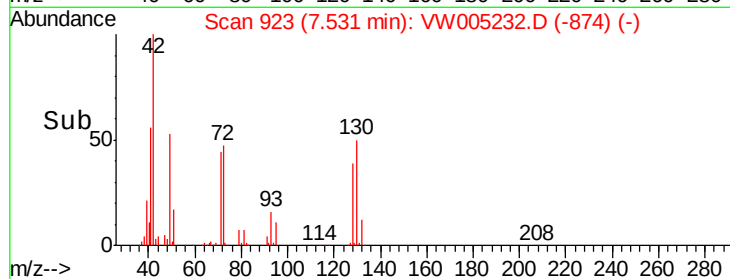
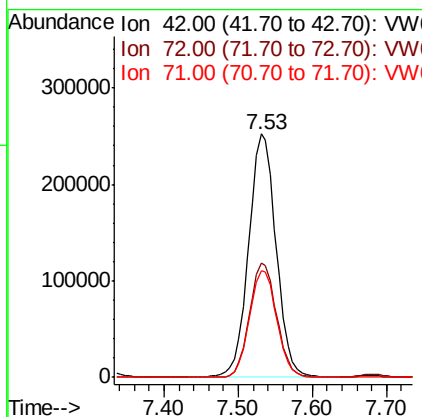
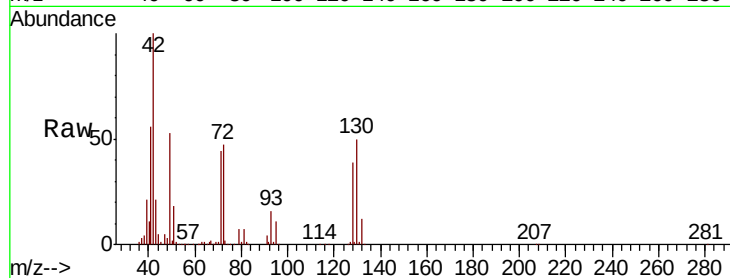
#29
Tetrahydrofuran
Concen: 883.72 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.4	56.2
71	43.7	35.5	53.3

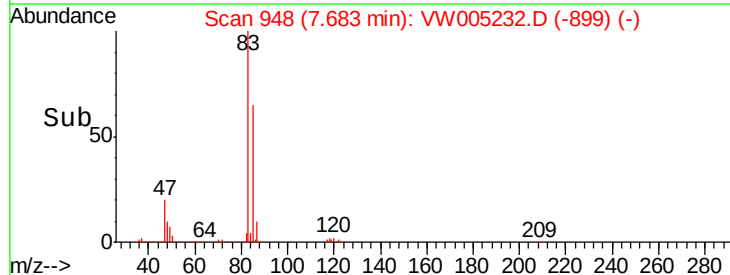
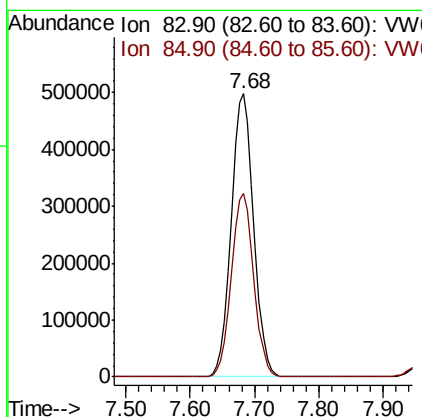
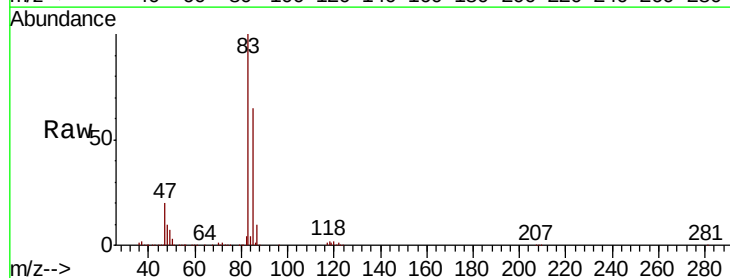
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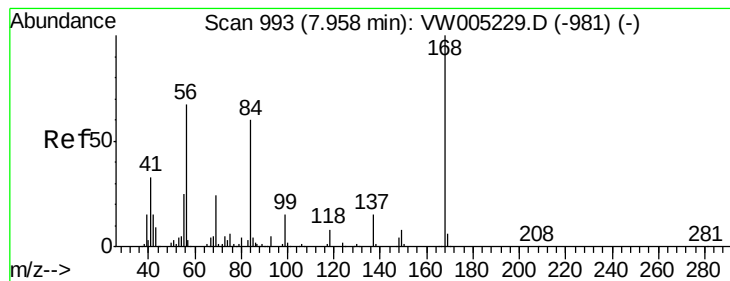
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#30
Chloroform
Concen: 145.56 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





#31

Cyclohexane

Concen: 132.82 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1069609

Ion Ratio Lower Upper

56 100

69 32.7 28.2 42.4

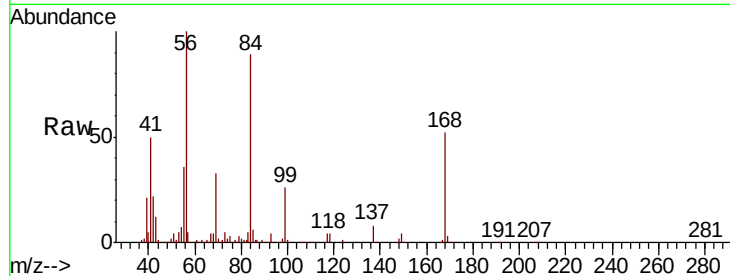
84 87.2 71.3 106.9

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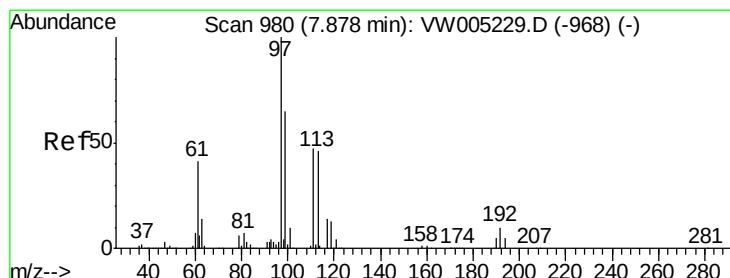
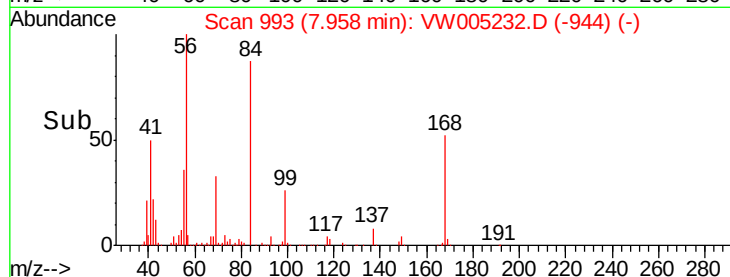
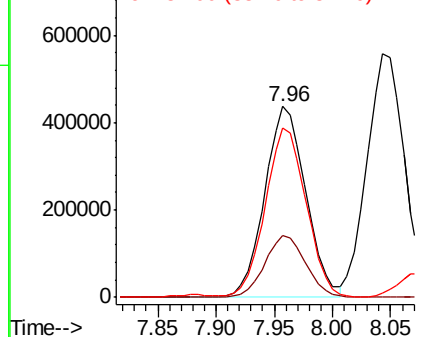
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 133.23 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

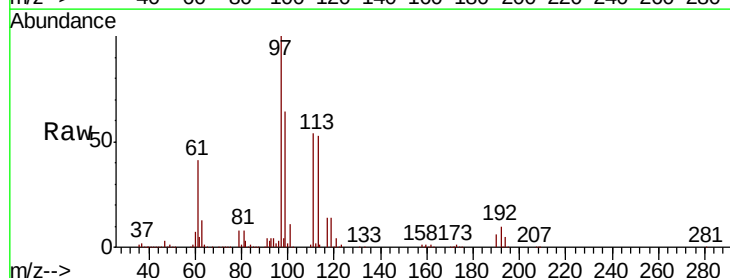
Tgt Ion: 97 Resp: 965652

Ion Ratio Lower Upper

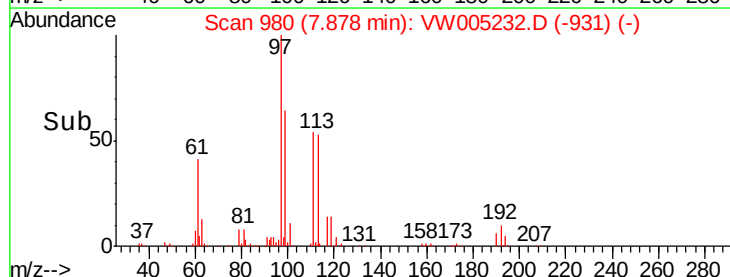
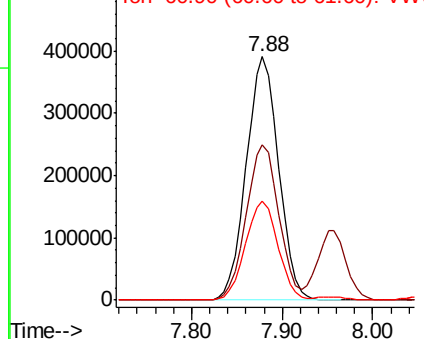
97 100

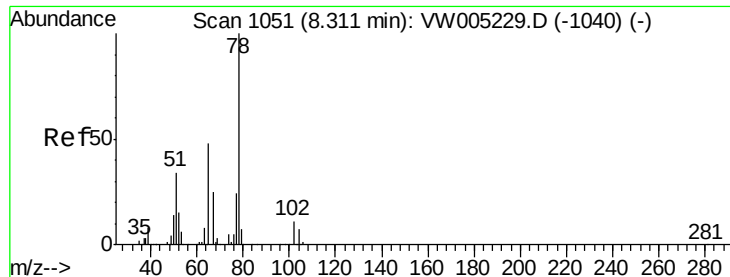
99 64.6 51.8 77.6

61 41.0 33.0 49.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





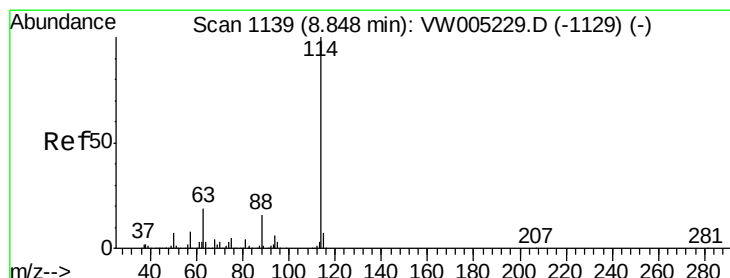
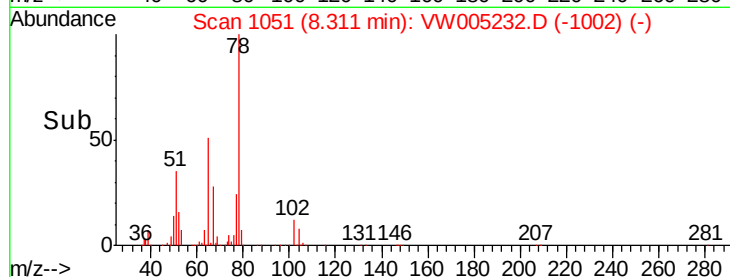
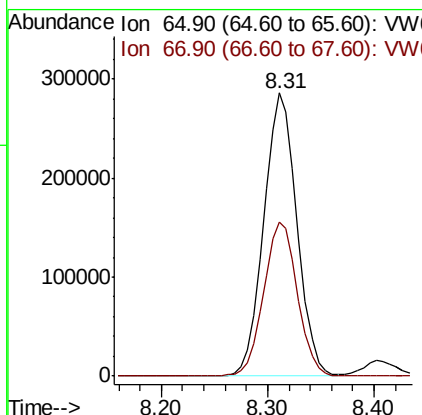
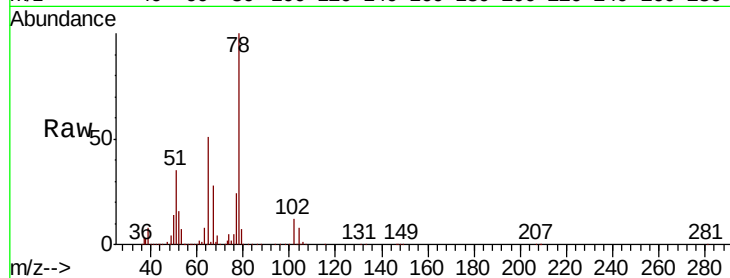
#33
 1,2-Dichloroethane-d4
 Concen: 149.00 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	111.2	

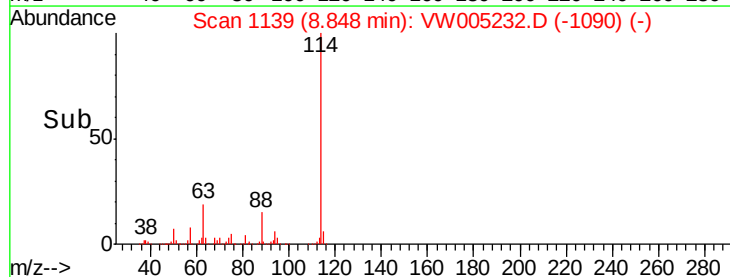
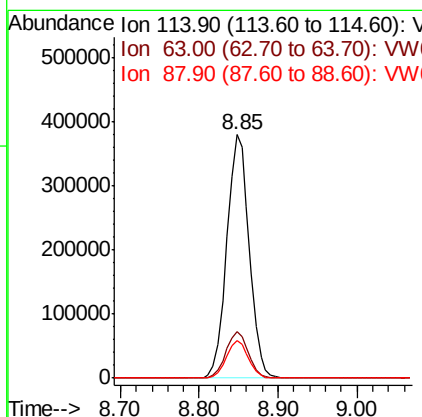
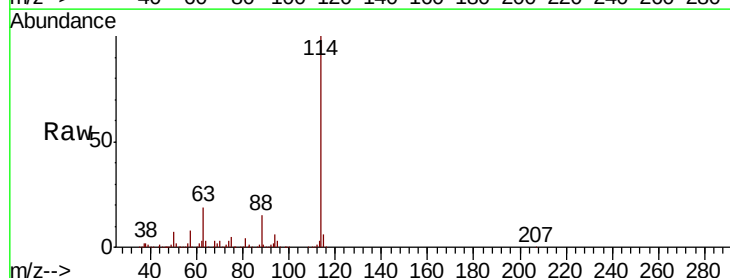
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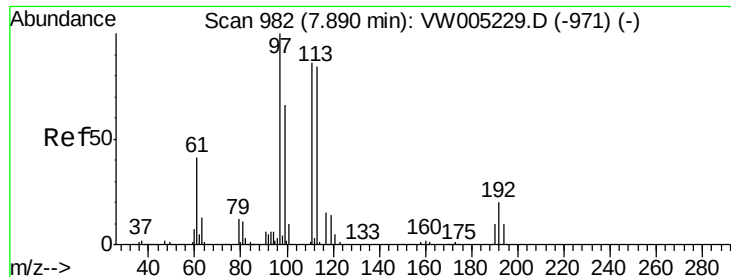
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	38.8	
88	15.3	0.0	31.2	





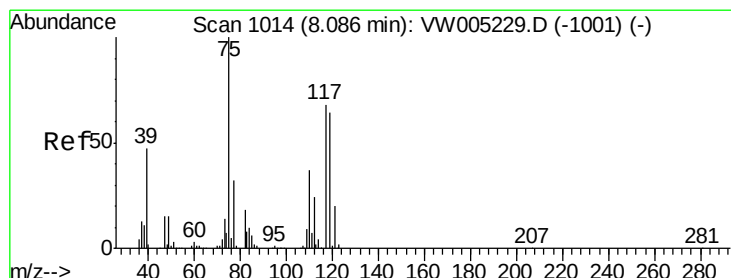
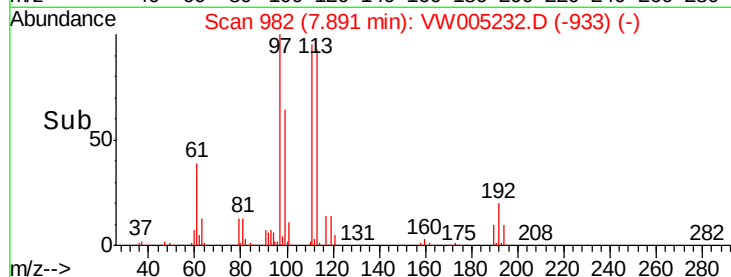
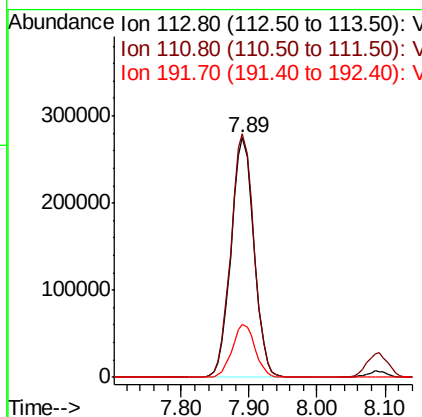
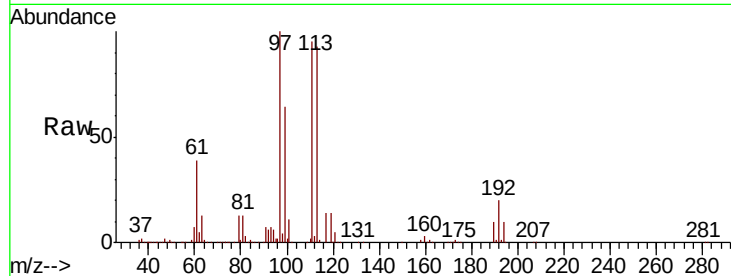
#35
 Dibromofluoromethane
 Concen: 149.49 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.1	18.0	27.0

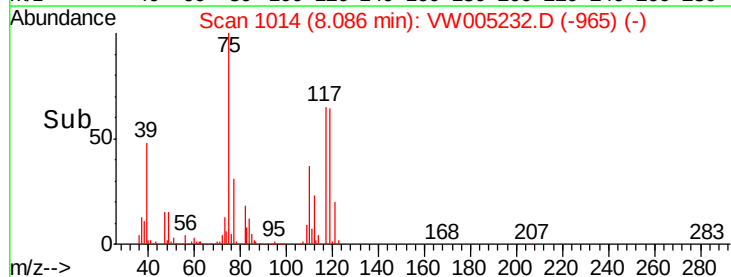
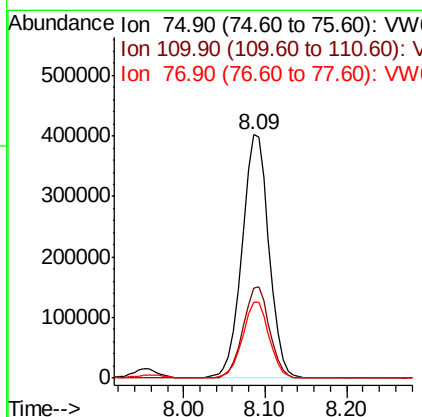
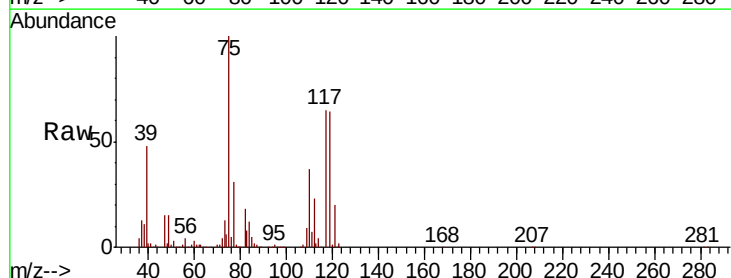
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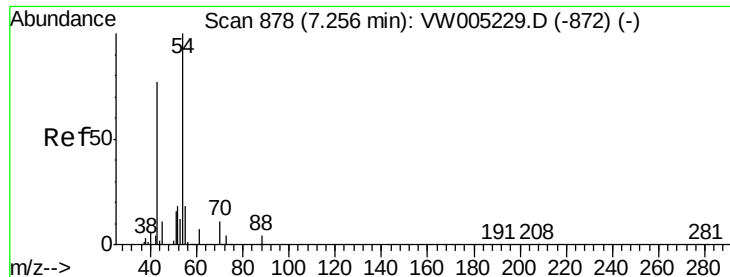
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#36
 1,1-Dichloropropene
 Concen: 131.44 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.8	56.4
77	31.3	25.2	37.8





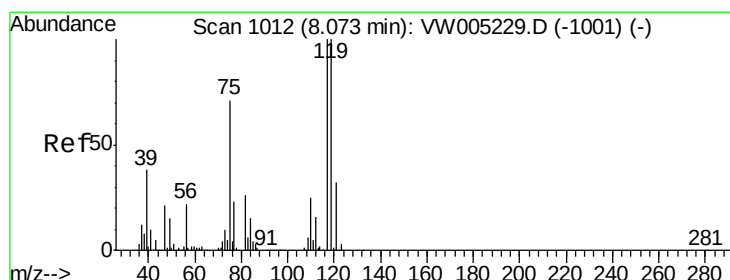
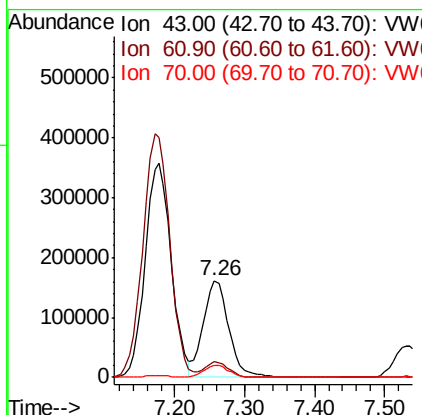
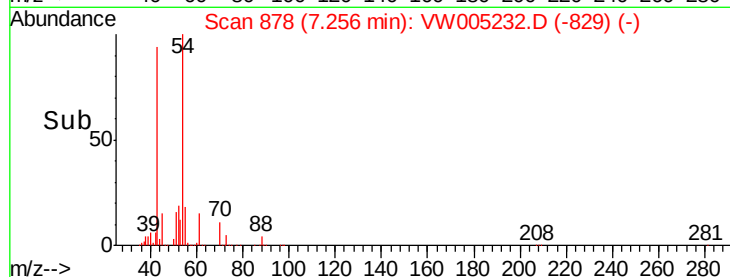
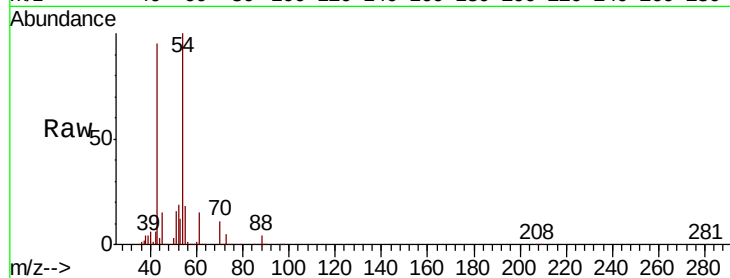
#37
Ethyl Acetate
Concen: 154.34 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.2
70	11.9	9.6	14.4

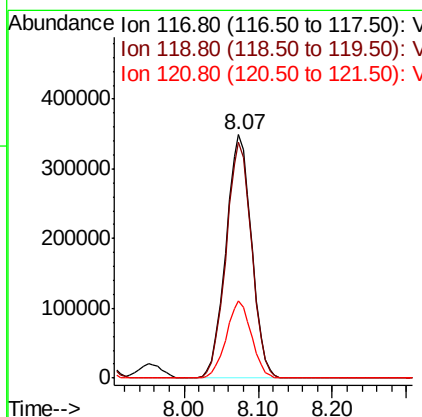
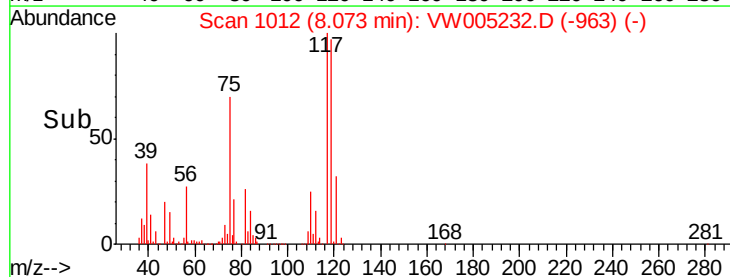
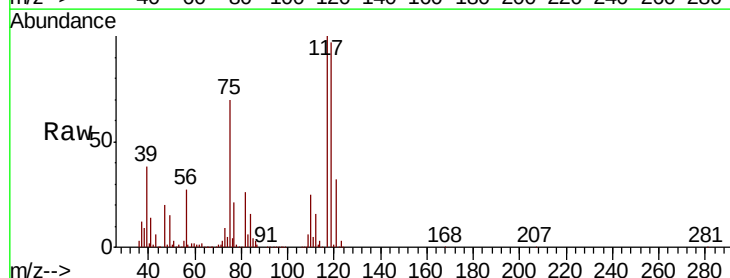
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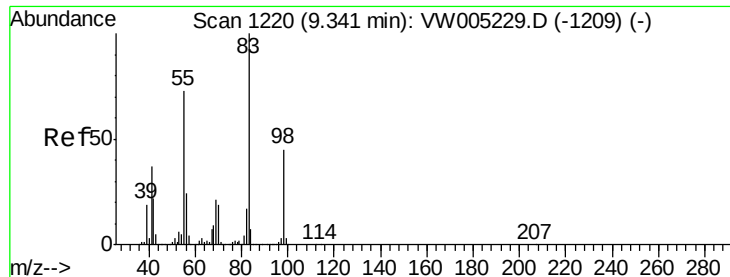
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#38
Carbon Tetrachloride
Concen: 126.98 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.7	119.5
121	31.6	25.4	38.0





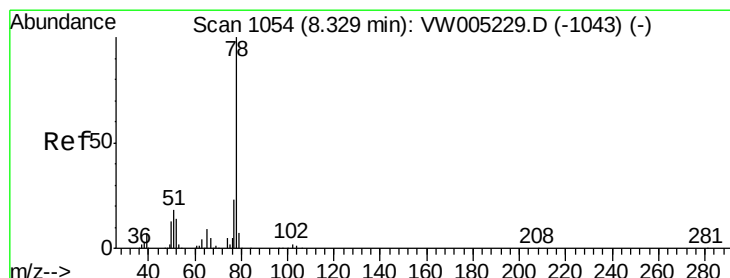
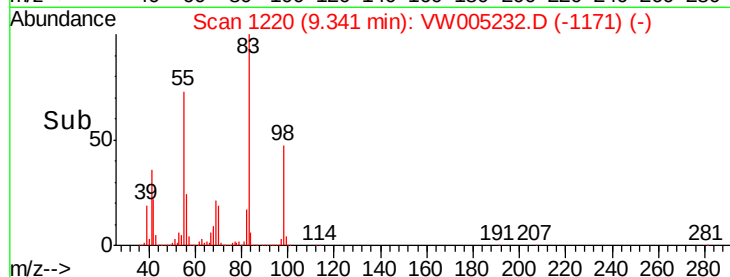
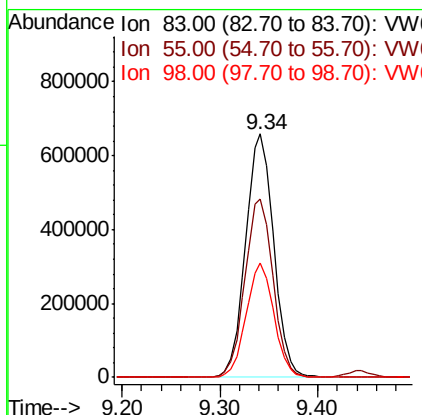
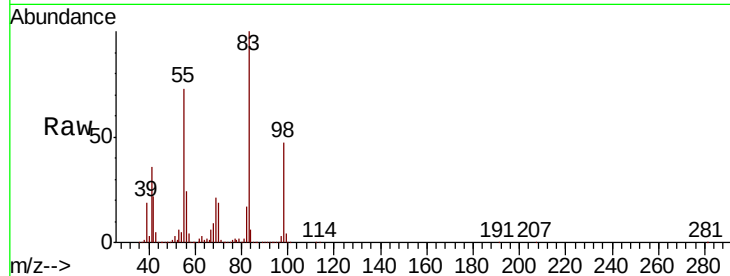
#39
Methylvlcyclohexane
Concen: 155.06 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1314534
Ion Ratio Lower Upper
83 100
55 73.3 58.7 88.1
98 46.9 36.1 54.1

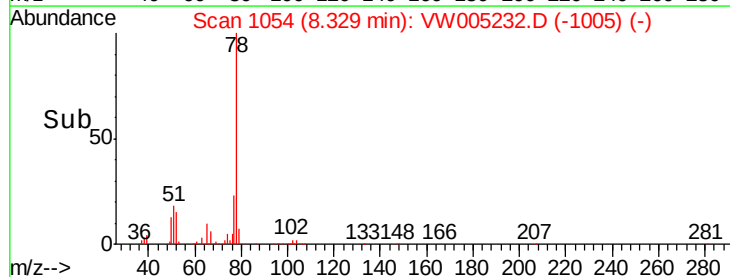
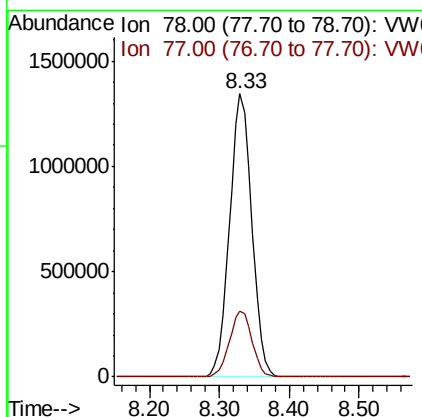
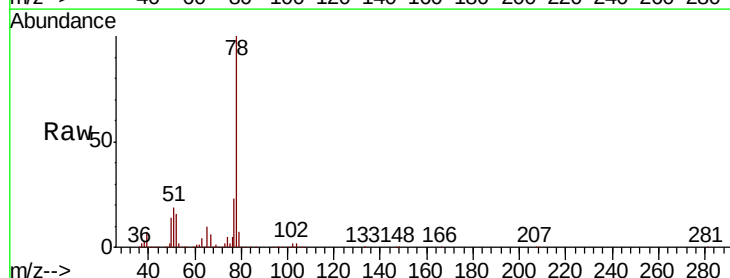
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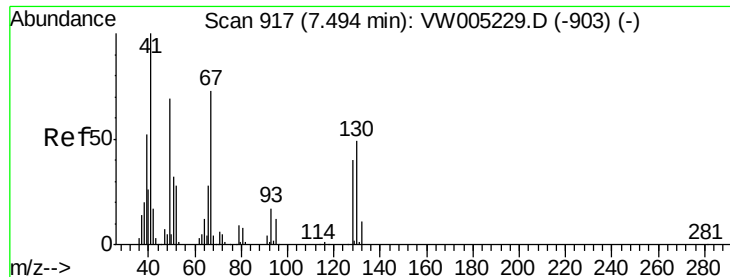
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#40
Benzene
Concen: 138.61 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion: 78 Resp: 2963634
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





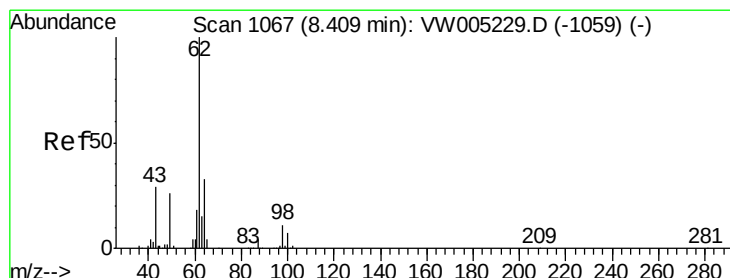
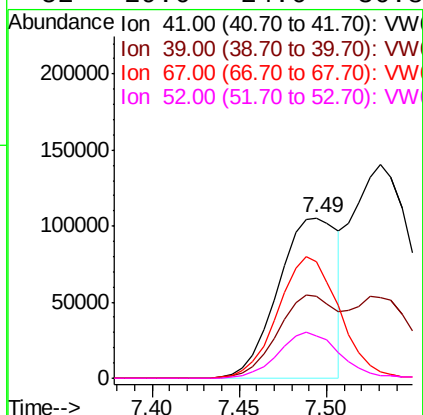
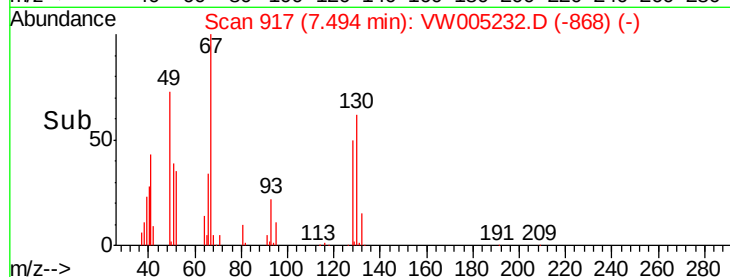
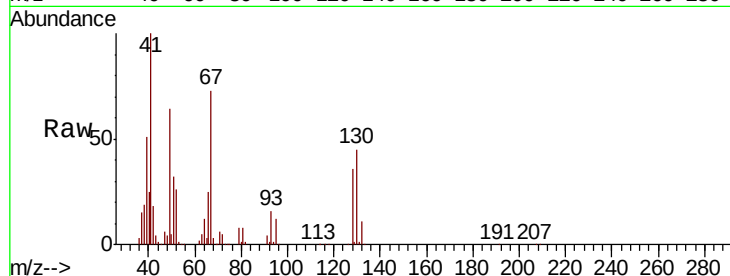
#41
Methacrylonitrile
Concen: 165.61 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampled :
VSTDICC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		251493		
39	50.4	40.8	61.2		
67	78.6	63.6	95.4		
52	29.6	24.6	36.8		

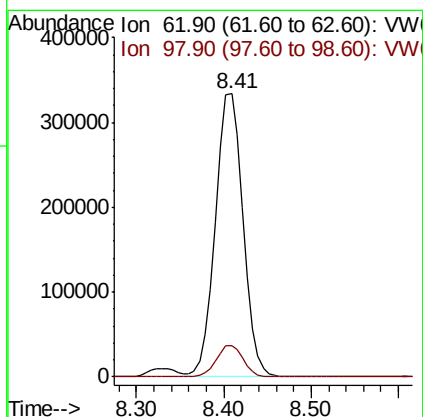
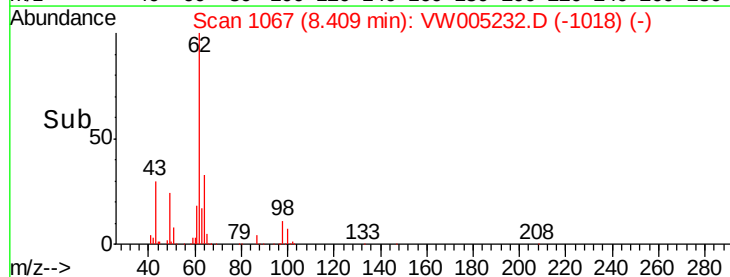
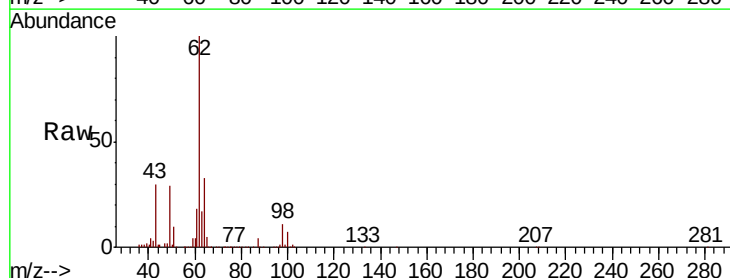
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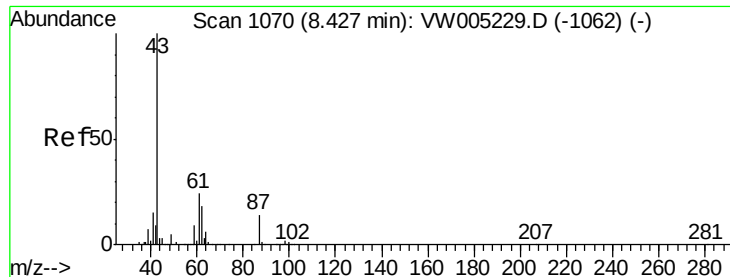
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#42
1,2-Dichloroethane
Concen: 139.97 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		731435		
98	10.8	0.0	21.0		





#43

Isopropyl Acetate

Concen: 163.09 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

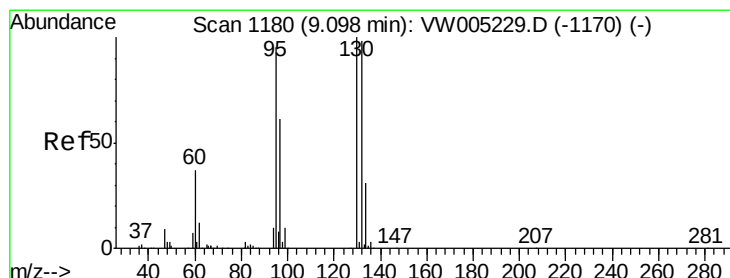
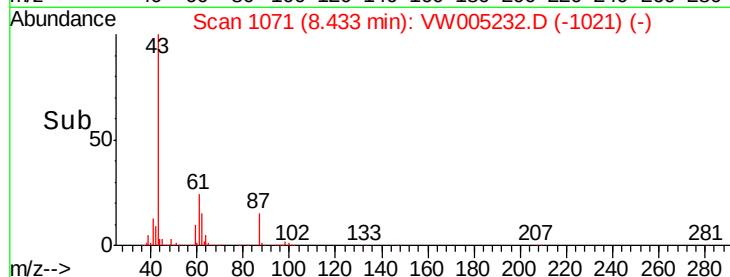
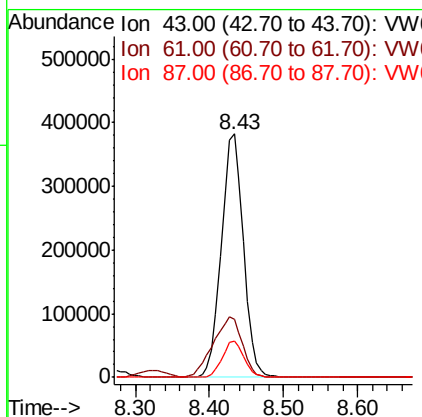
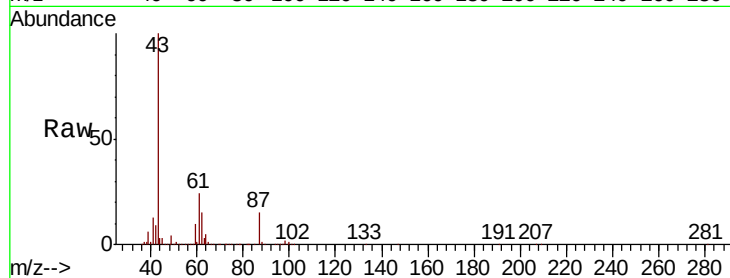
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	789203
Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.6	39.8
87	14.7	12.2	18.2

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#44

Trichloroethene

Concen: 132.21 ug/l

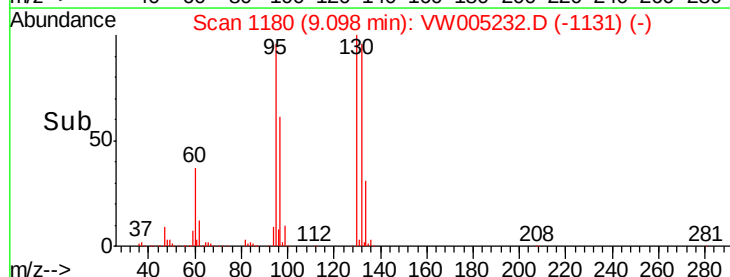
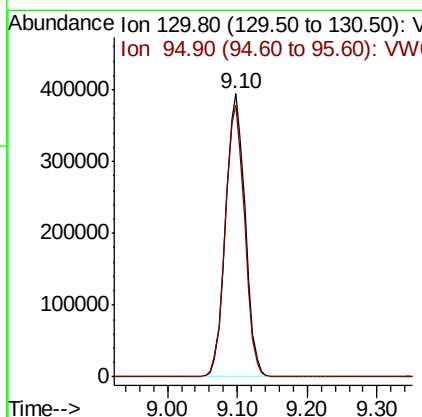
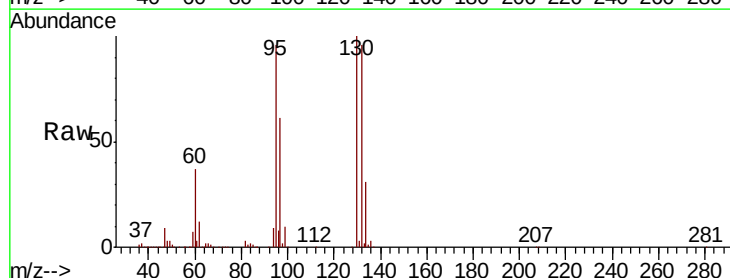
RT: 9.10 min Scan# 1180

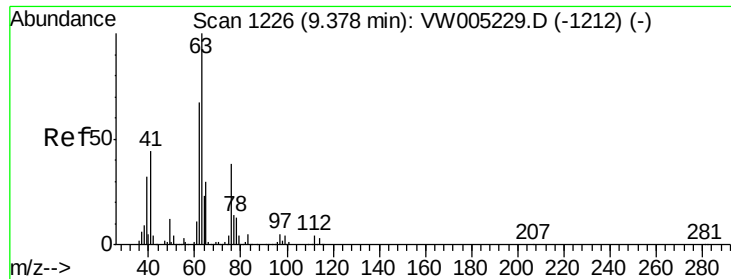
Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion:	130	Resp:	761259
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	189.8





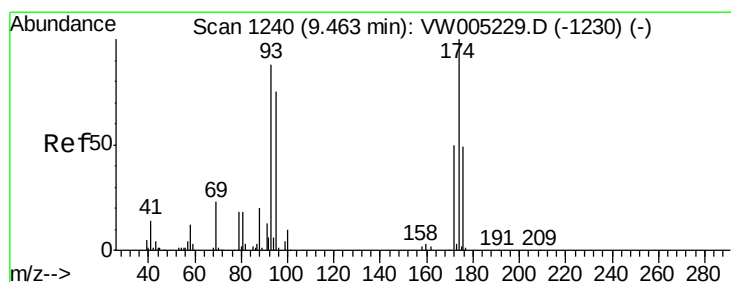
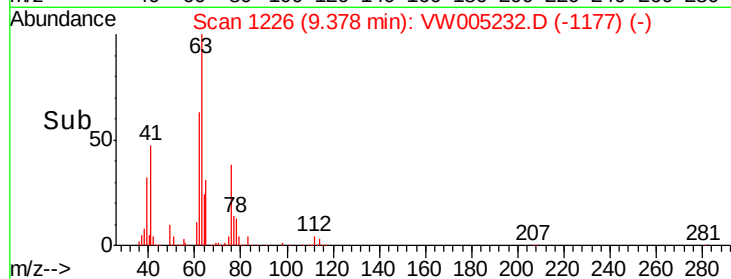
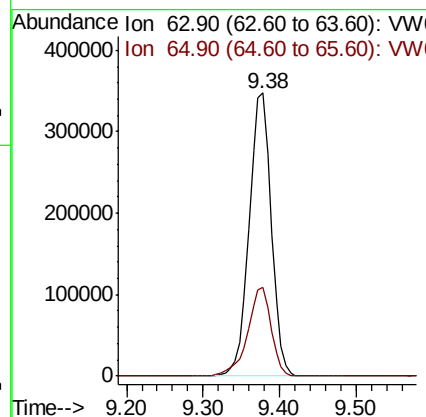
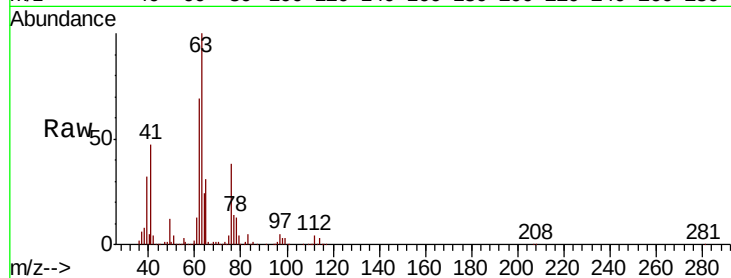
#45
 1,2-Dichloropropane
 Concen: 134.13 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.8	35.8

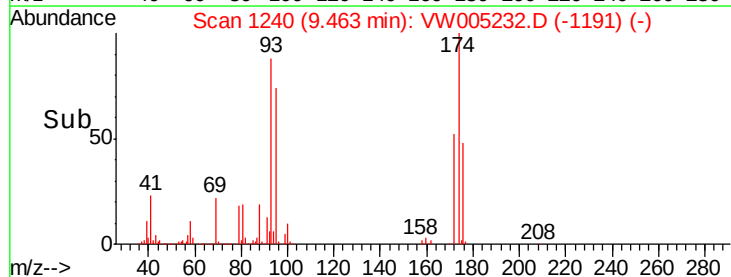
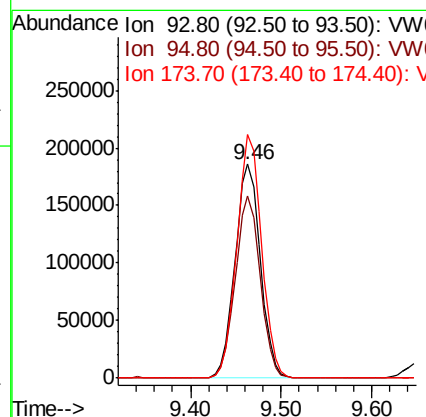
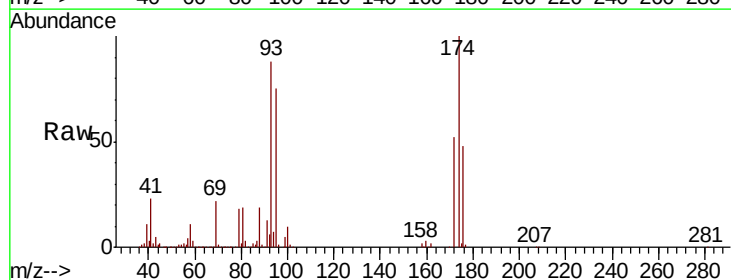
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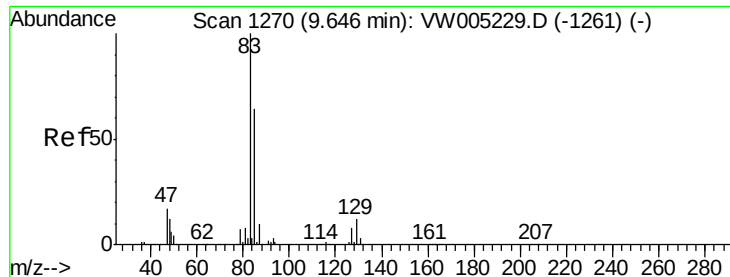
apatel
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#46
 Dibromomethane
 Concen: 144.38 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.4	101.2
174	111.8	91.9	137.9





#47

Bromodichloromethane

Concen: 136.76 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

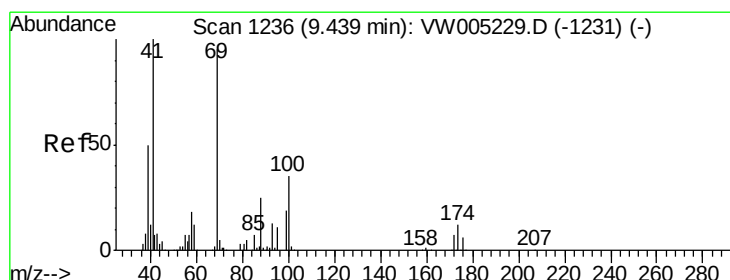
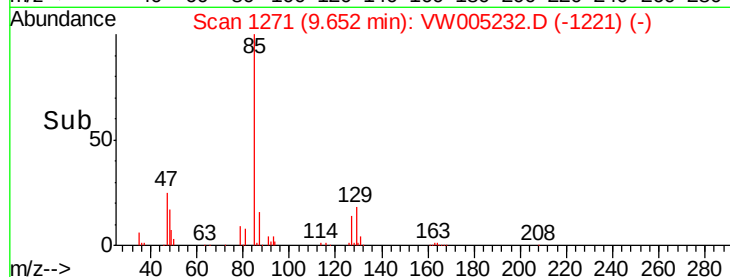
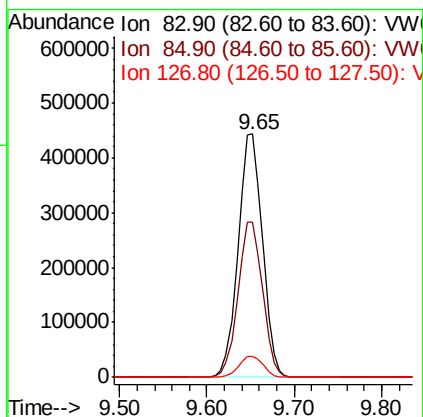
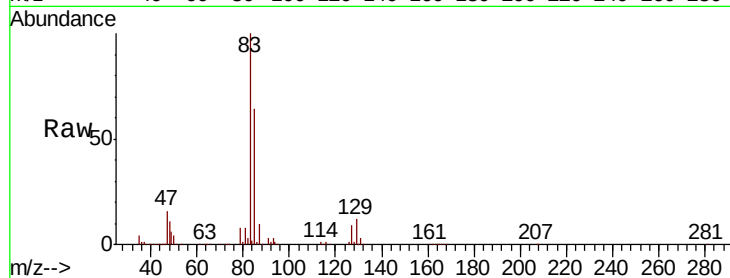
ClientSampleId :

VSTDICC150

Tot Ion:	83	Resp:	856276
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6
127	8.8	6.7	10.1

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#48

Methyl methacrylate

Concen: 183.75 ug/l

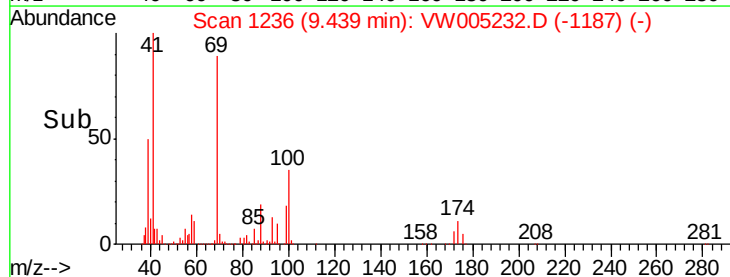
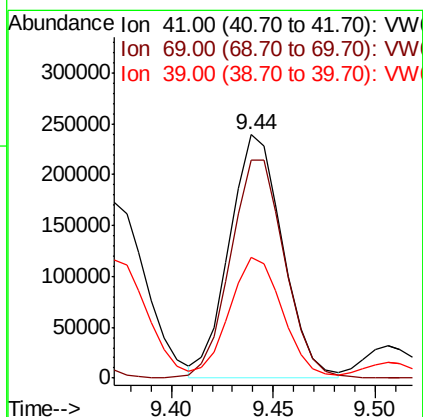
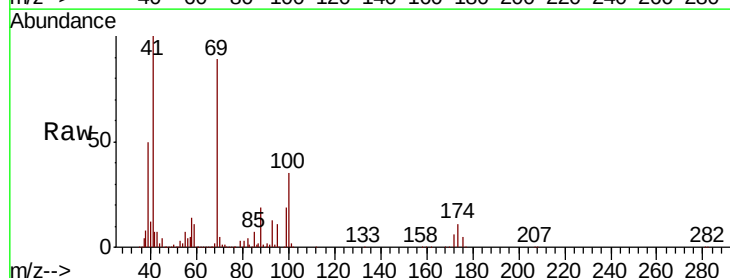
RT: 9.44 min Scan# 1236

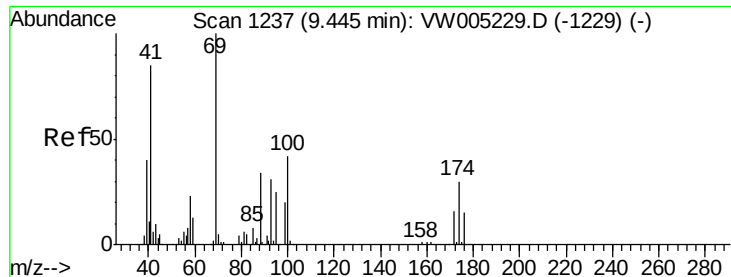
Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion:	41	Resp:	434868
Ion Ratio	Lower	Upper	
41	100		
69	91.2	73.6	110.4
39	46.7	36.9	55.3





#49

1,4-Dioxane

Concen: 3124.13 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tot Ion: 88 Resp: 127859

Ion Ratio Lower Upper

88 100

43 28.8 22.1 33.1

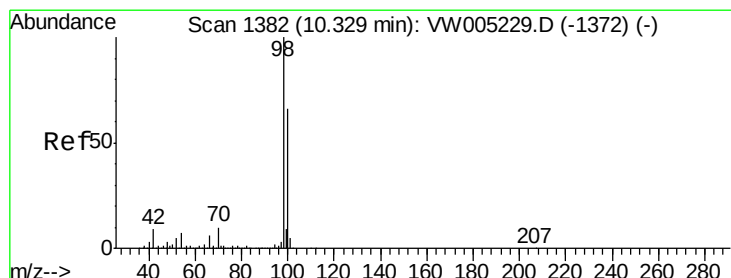
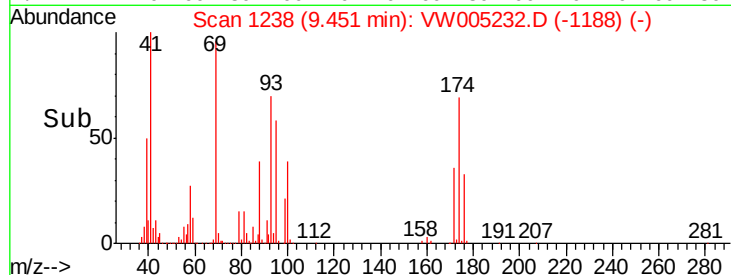
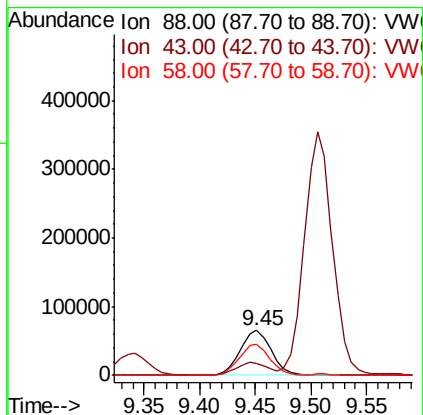
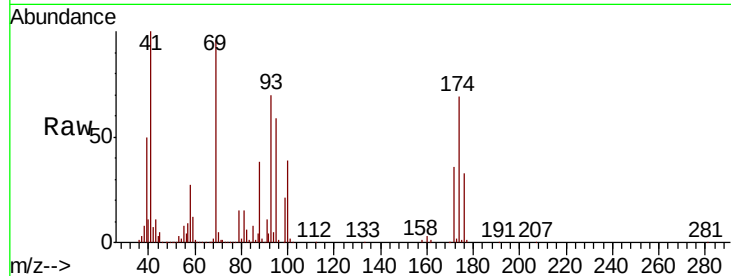
58 68.3 53.8 80.6

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#50

Toluene-d8

Concen: 150.94 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005232.D

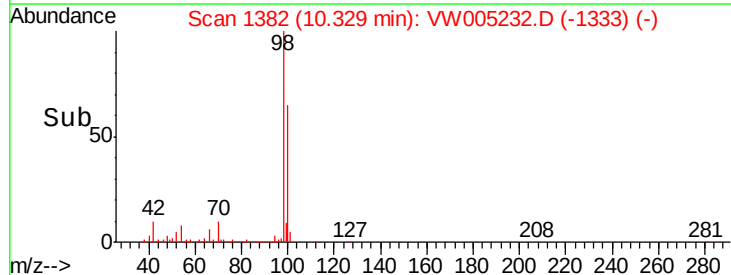
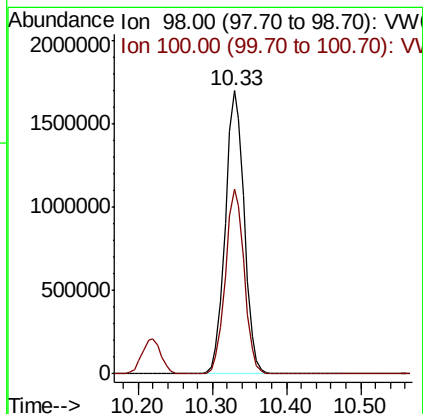
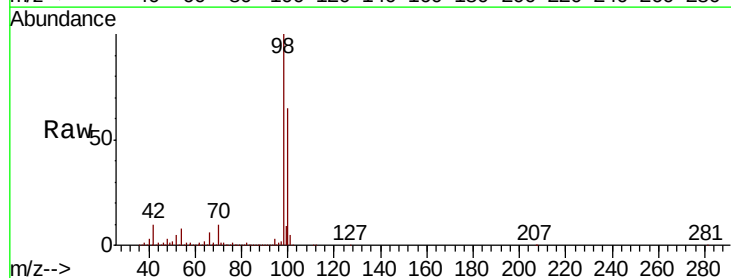
Acq: 08 Sep 2018 02:19

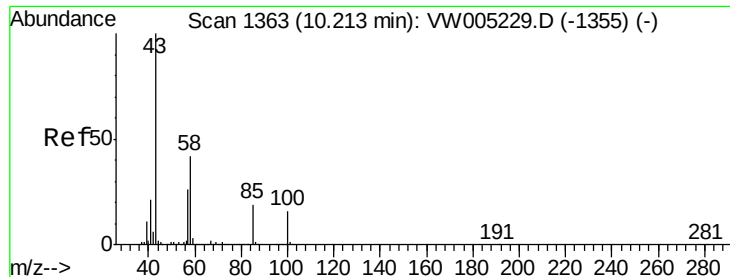
Tgt Ion: 98 Resp: 3003513

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 701.57 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2197615

Ion Ratio Lower Upper

43 100

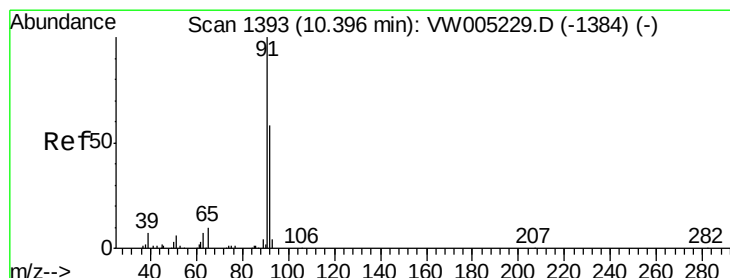
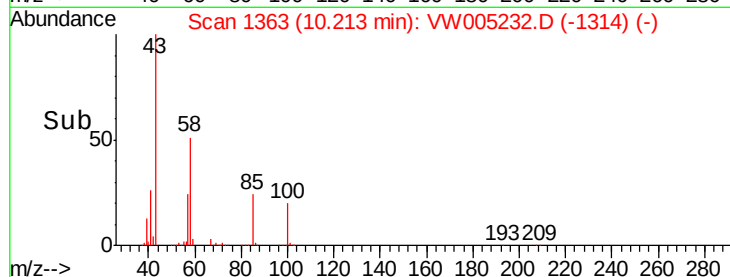
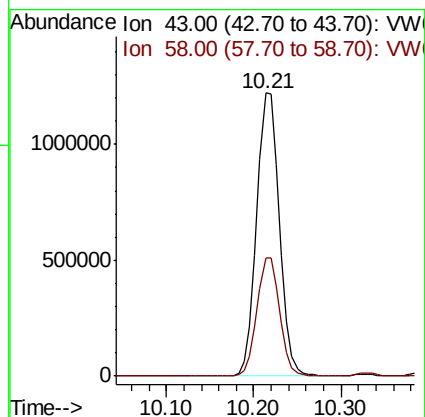
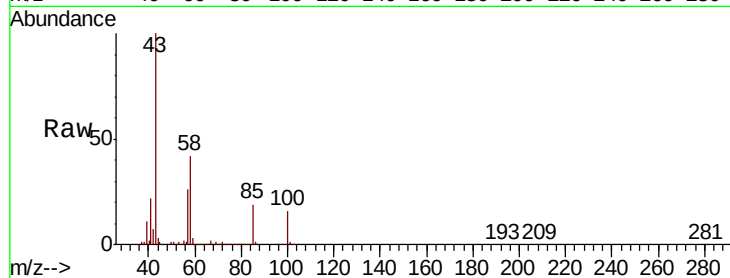
58 41.9 33.3 49.9

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#52

Toluene

Concen: 145.82 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005232.D

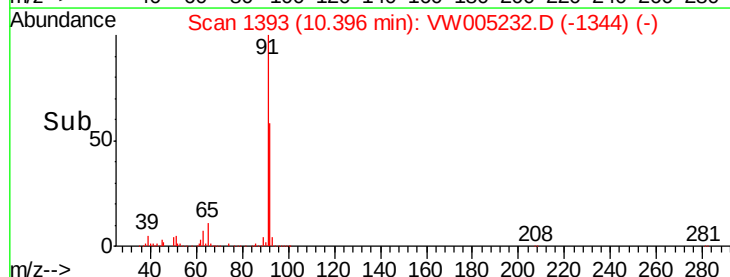
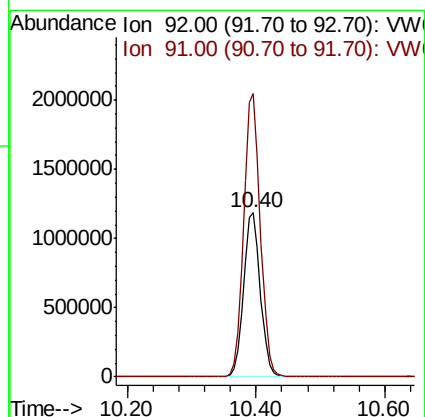
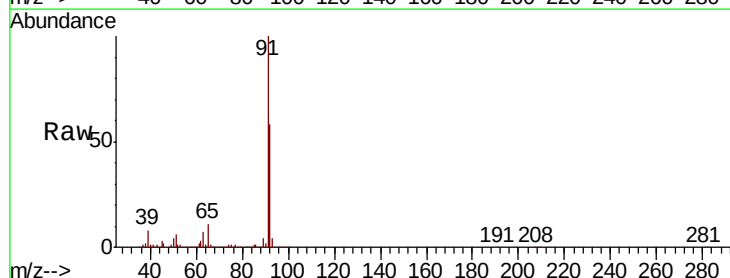
Acq: 08 Sep 2018 02:19

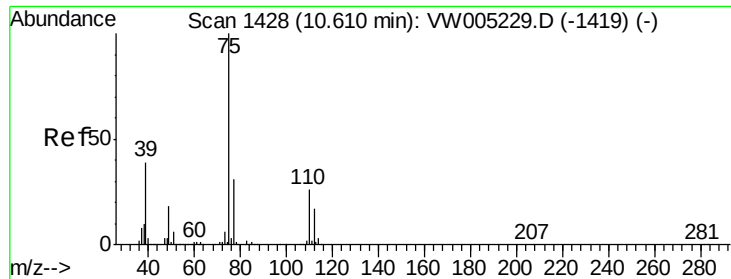
Tgt Ion: 92 Resp: 2113022

Ion Ratio Lower Upper

92 100

91 171.9 137.4 206.0





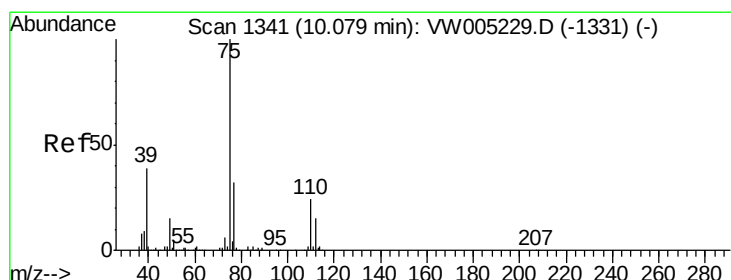
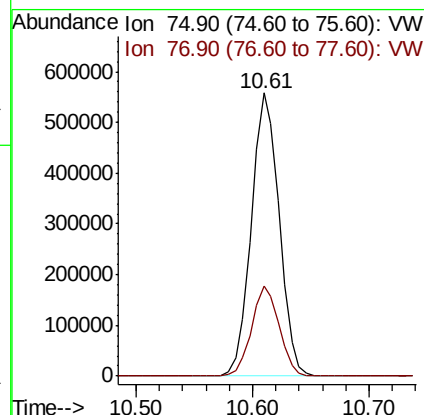
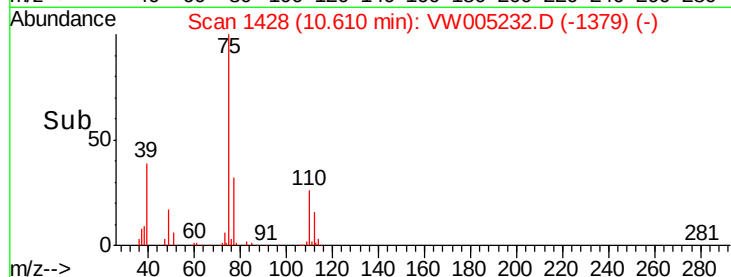
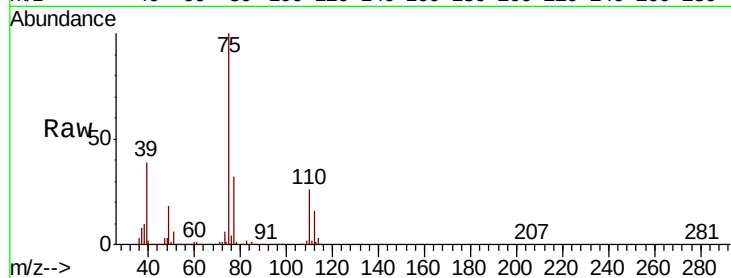
#53
t-1,3-Dichloropropene
Concen: 150.37 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1

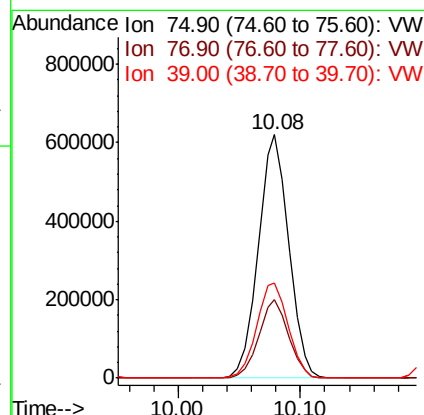
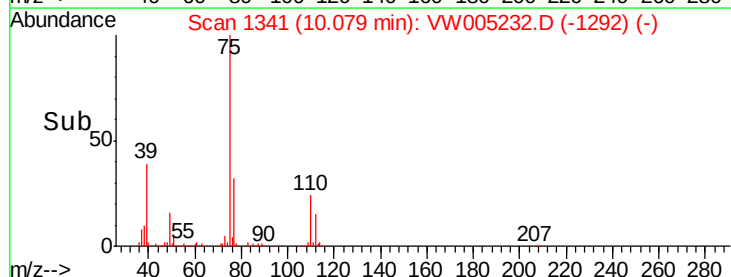
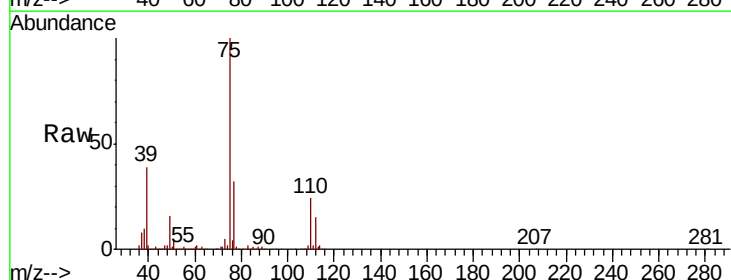
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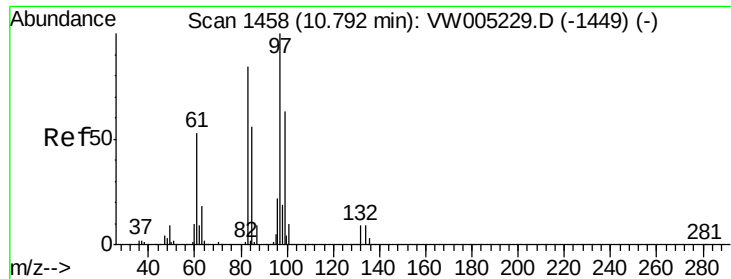
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#54
cis-1,3-Dichloropropene
Concen: 143.22 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	38.8	31.2	46.8





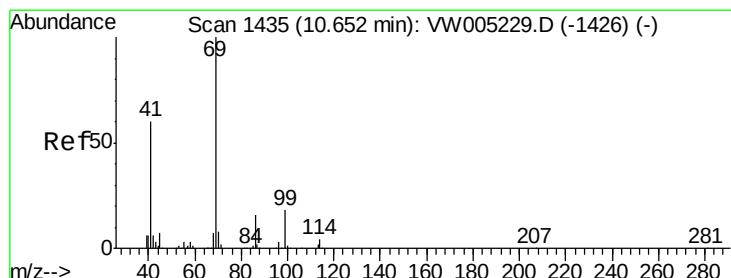
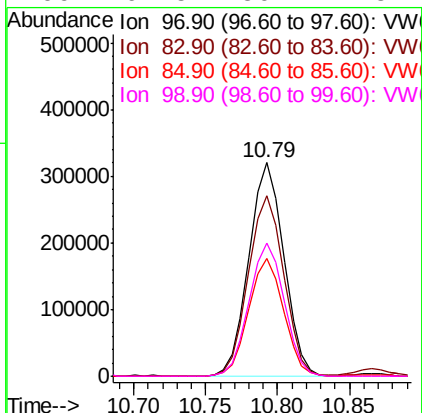
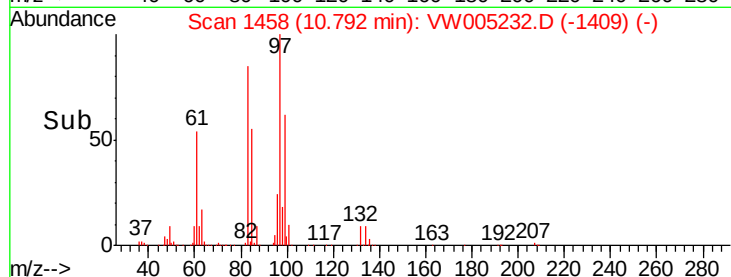
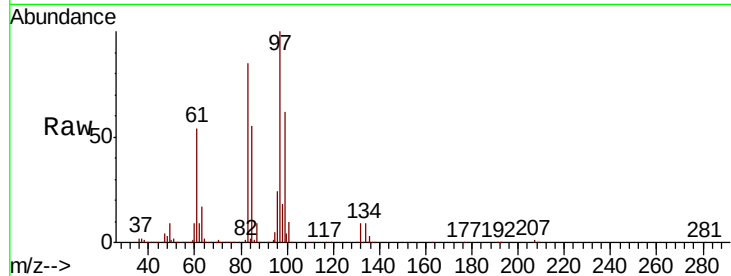
#55
 1,1,2-Trichloroethane
 Concen: 138.60 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	537311
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.4	101.0
85	55.0	44.6	66.8
99	62.5	50.1	75.1

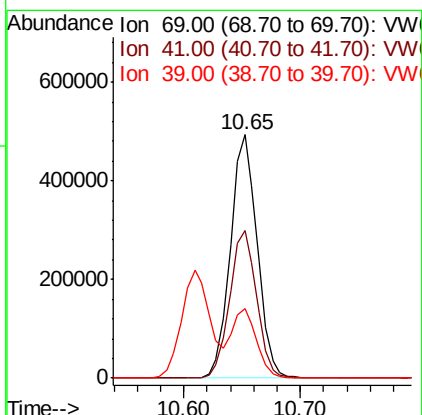
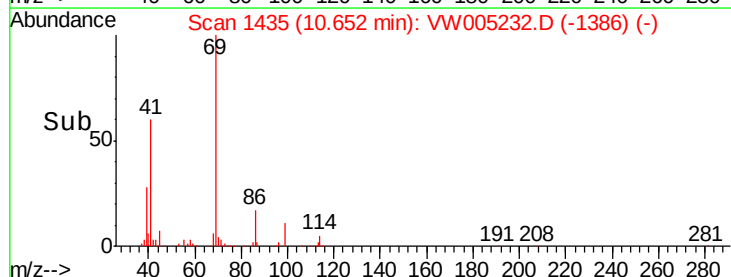
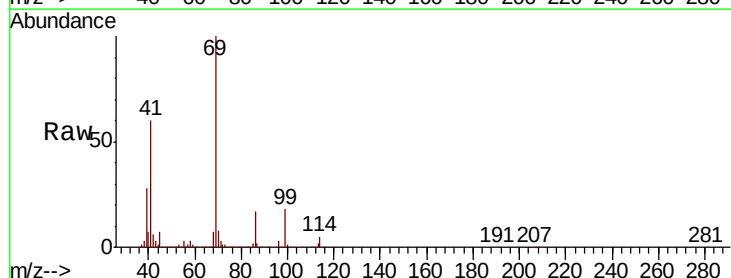
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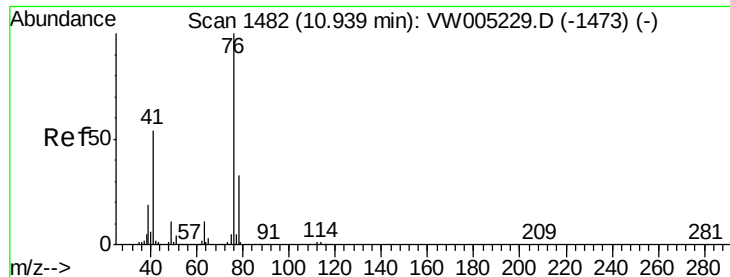
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#56
 Ethyl methacrylate
 Concen: 175.17 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion:	69	Resp:	789090
Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.9	71.9
39	26.3	20.9	31.3





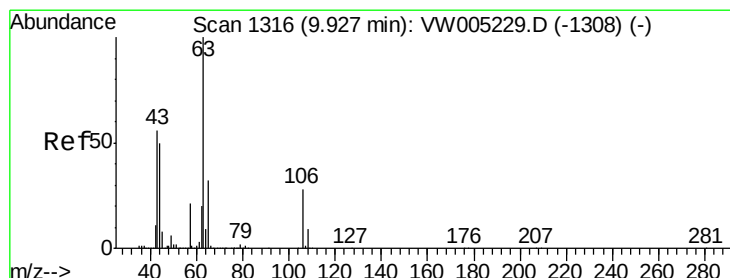
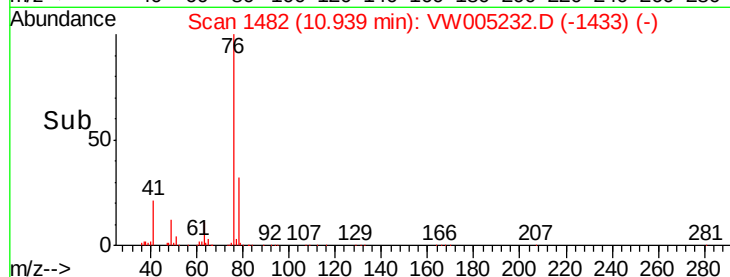
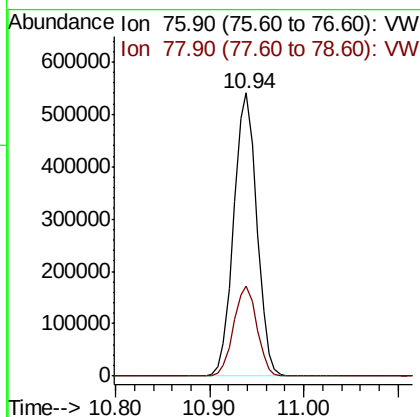
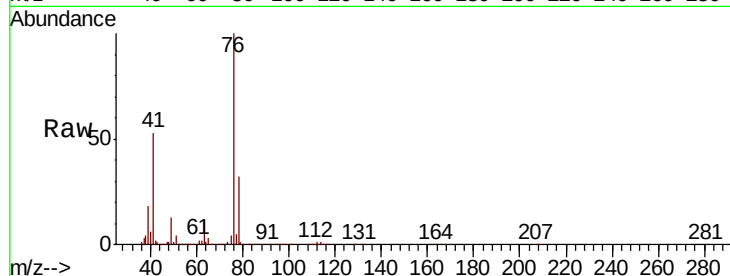
#57
 1,3-Dichloropropane
 Concen: 143.51 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

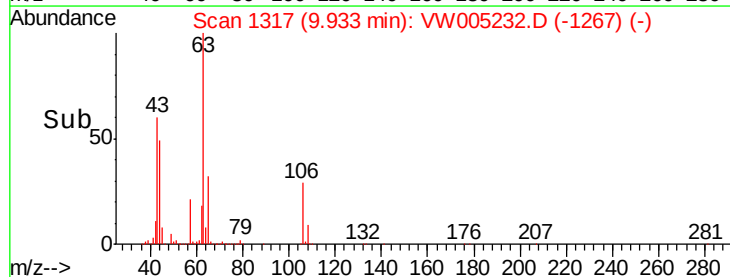
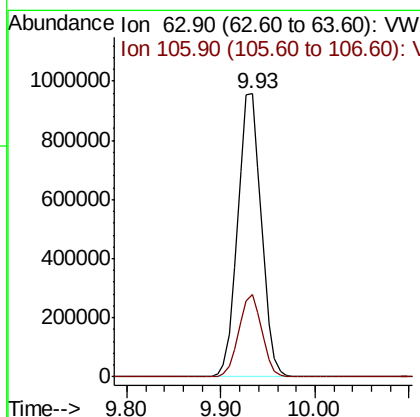
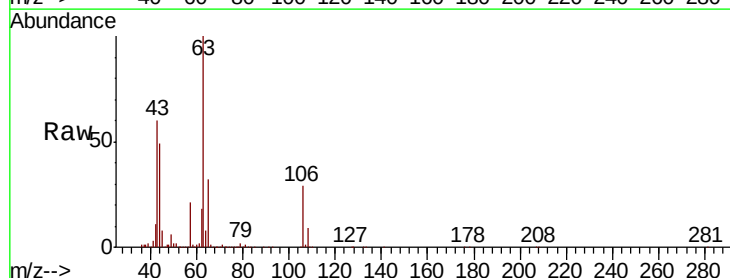
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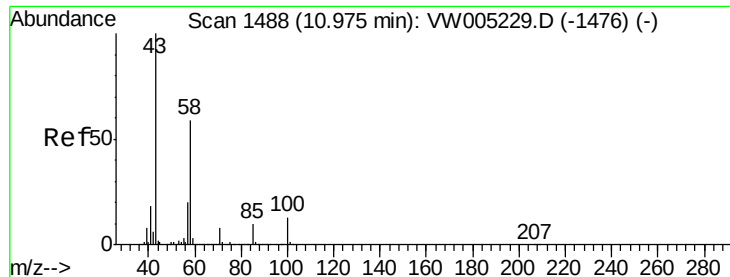
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#58
 2-Chloroethyl Vinyl ether
 Concen: 795.35 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.3	34.9





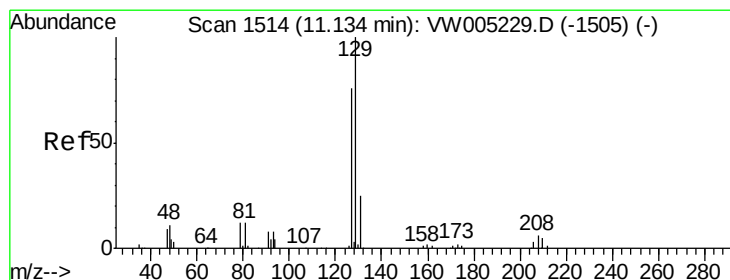
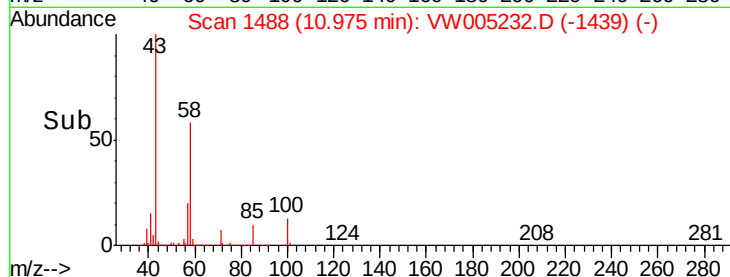
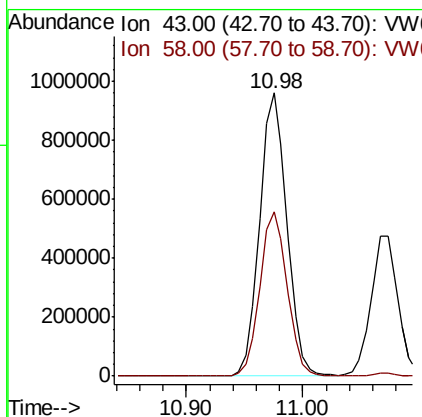
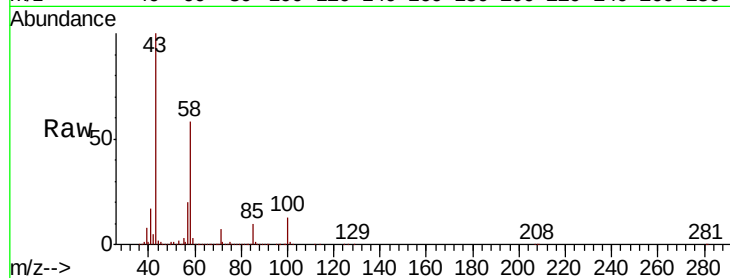
#59
2-Hexanone
Concen: 729.26 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 1552012
Ion Ratio Lower Upper
43 100
58 58.4 29.2 87.6

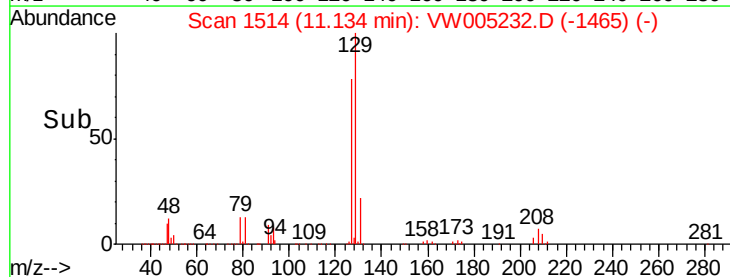
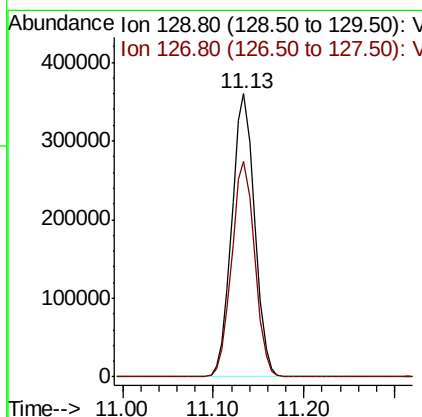
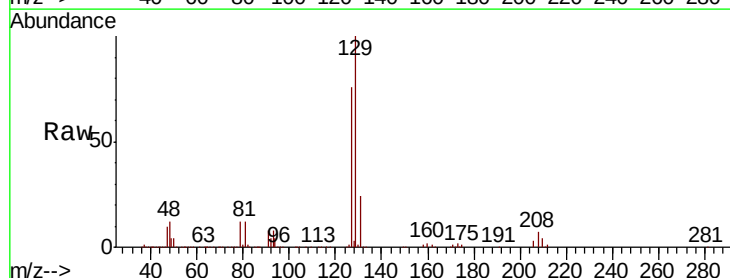
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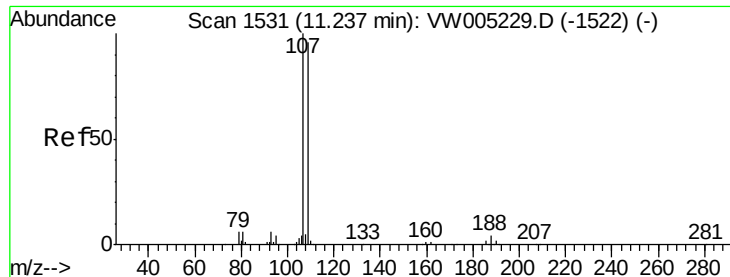
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#60
Dibromochloromethane
Concen: 143.26 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion: 129 Resp: 628051
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 147.93 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 520963

Ion Ratio Lower Upper

107 100

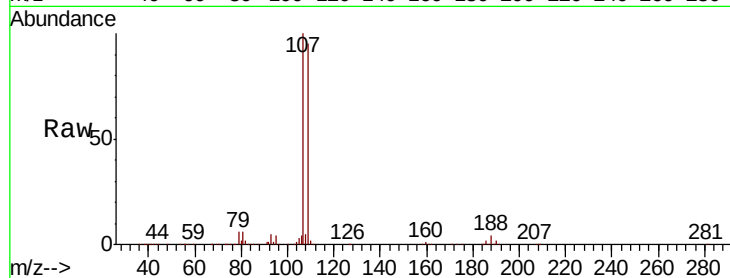
109 94.3 76.6 115.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

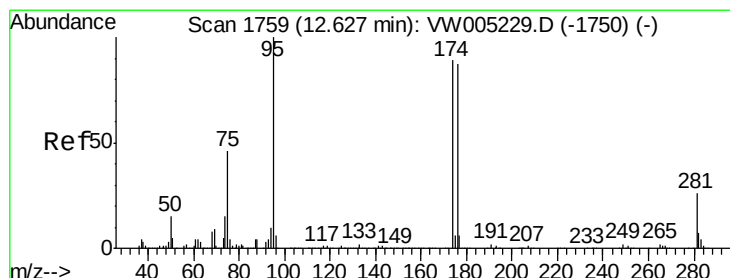
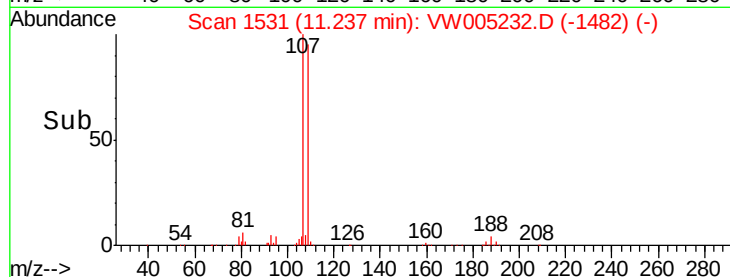
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 154.65 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

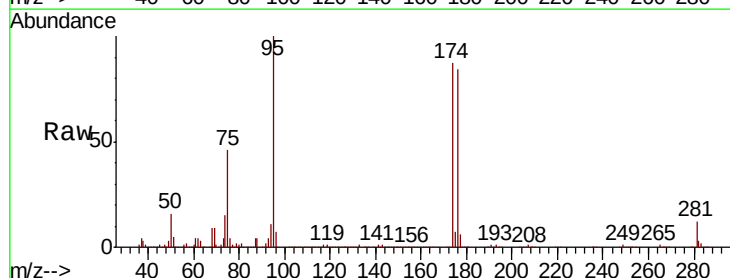
Tgt Ion: 95 Resp: 1091121

Ion Ratio Lower Upper

95 100

174 84.5 0.0 173.2

176 82.0 0.0 167.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

800000

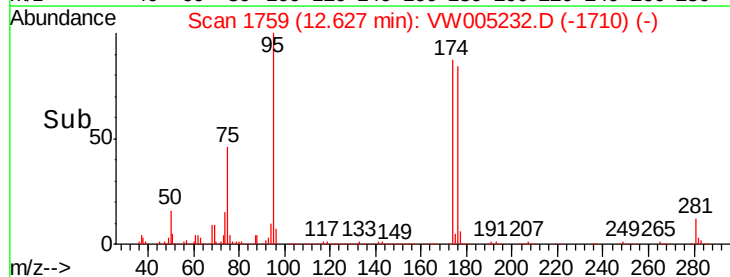
600000

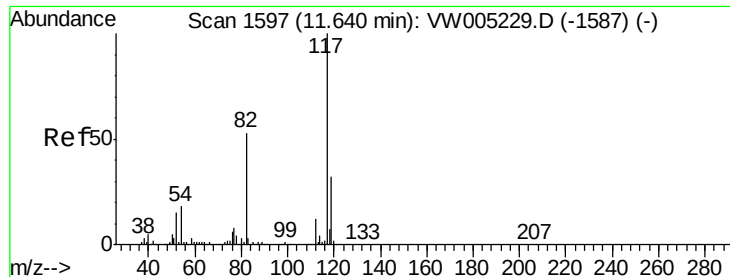
400000

200000

0

Time-->





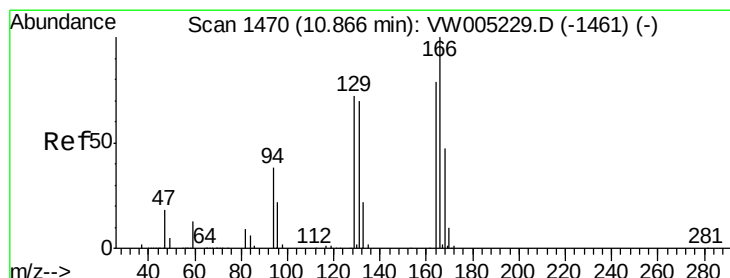
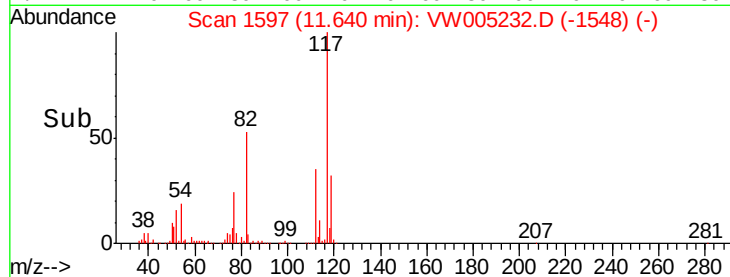
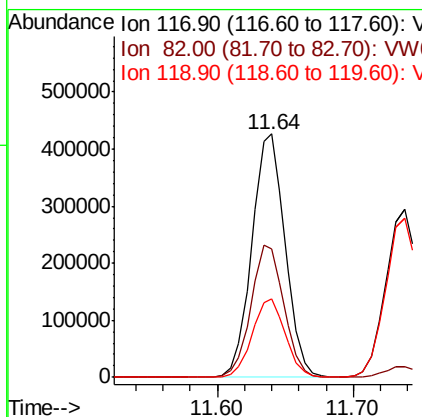
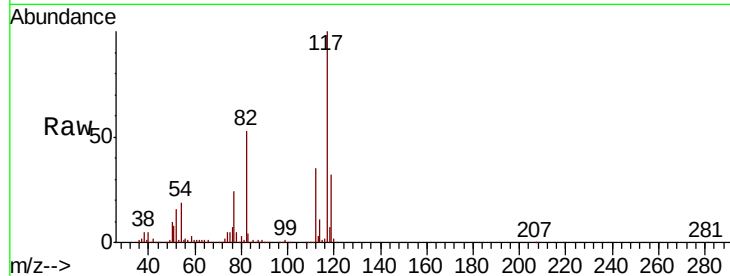
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.3	63.5
119	32.4	25.7	38.5

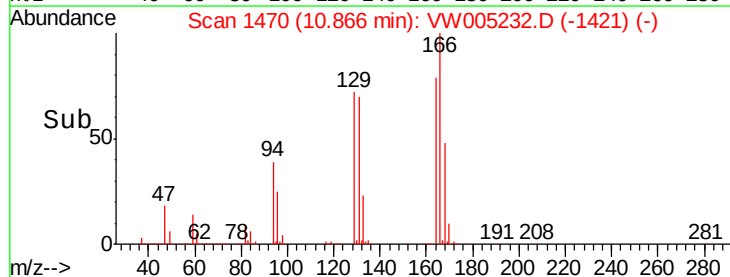
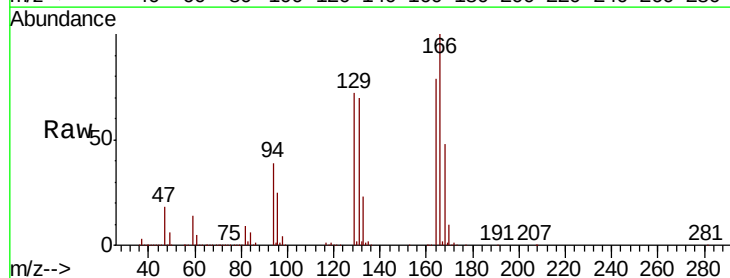
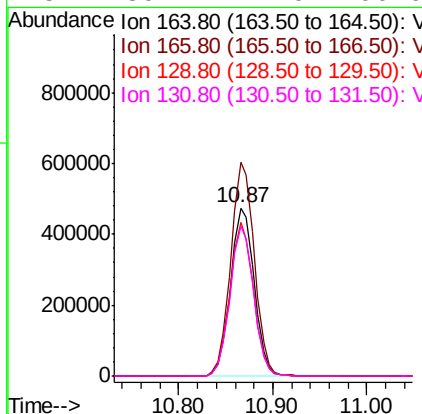
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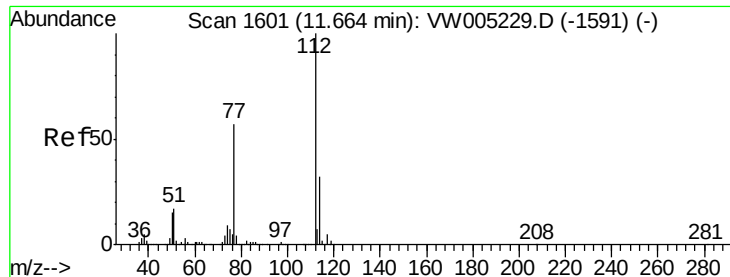
apatel
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#64
Tetrachloroethene
Concen: 144.98 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.0	151.6
129	91.4	73.0	109.4
131	89.4	71.0	106.6





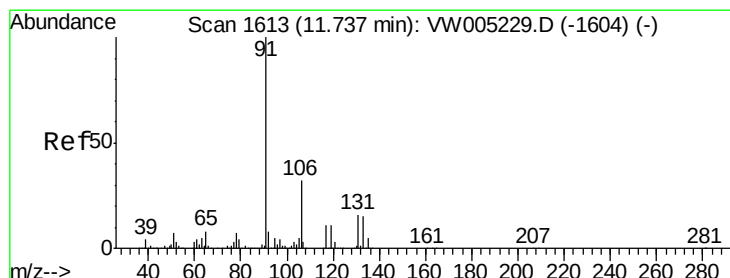
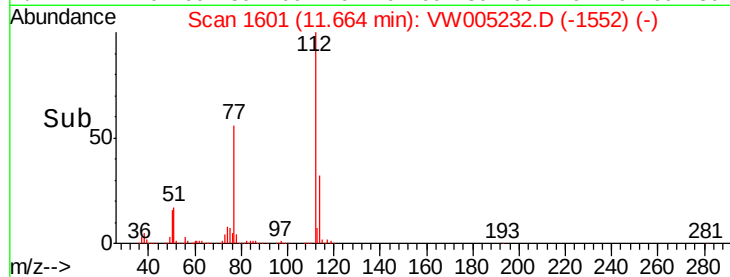
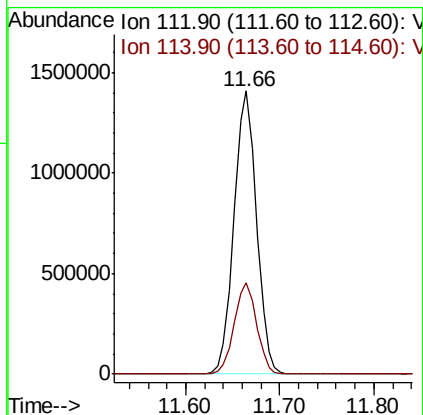
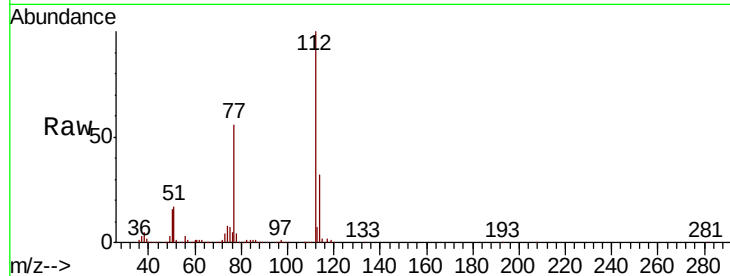
#65
Chlorobenzene
Concen: 144.02 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2336376
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

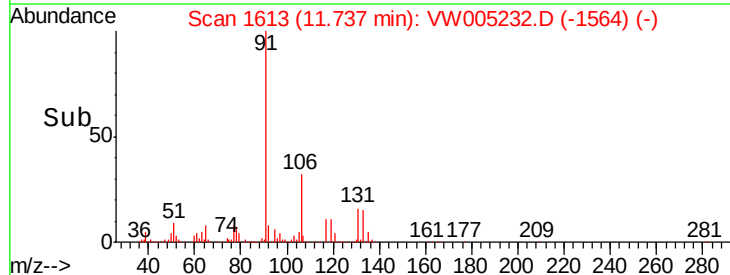
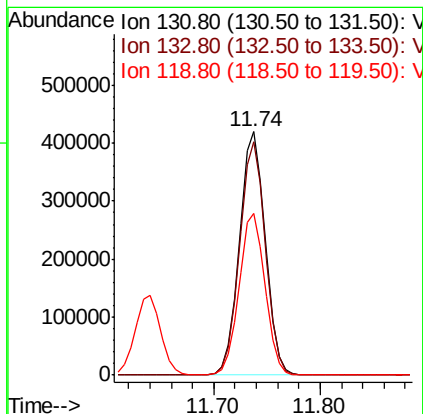
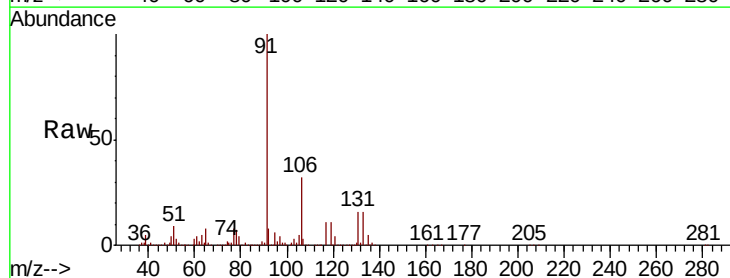
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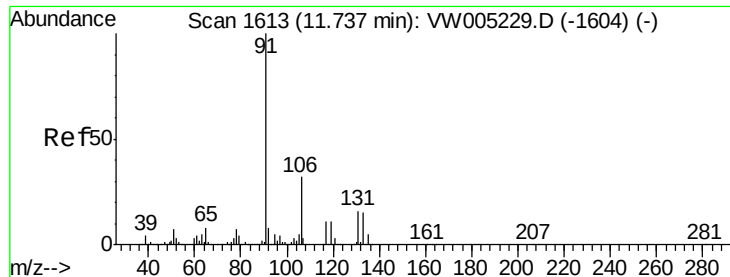
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 144.19 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion:131 Resp: 713871
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 66.9 33.3 99.8





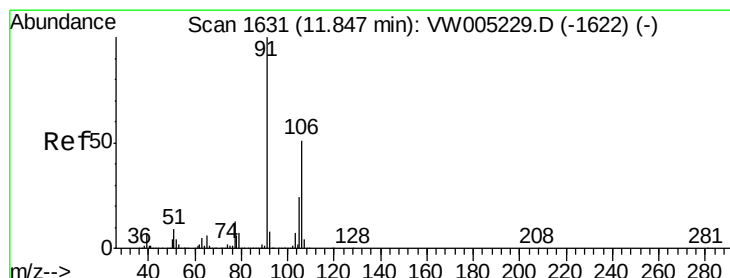
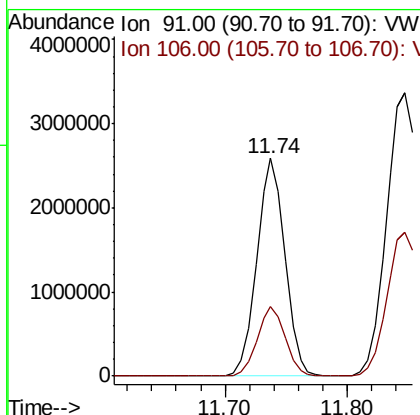
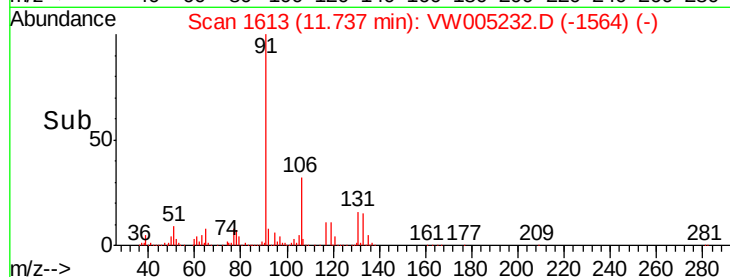
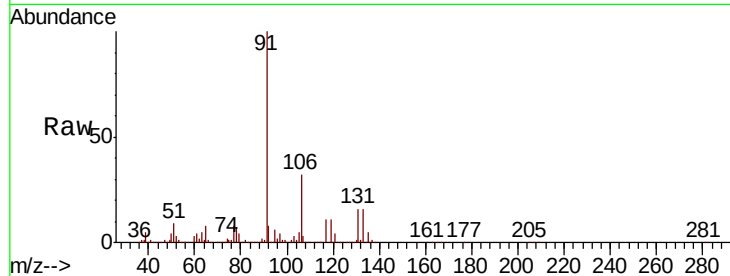
#67
Ethyl Benzene
Concen: 151.48 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 4141102
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

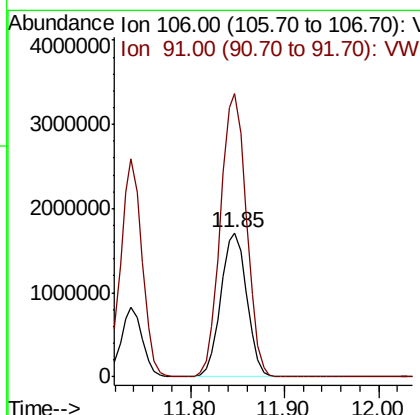
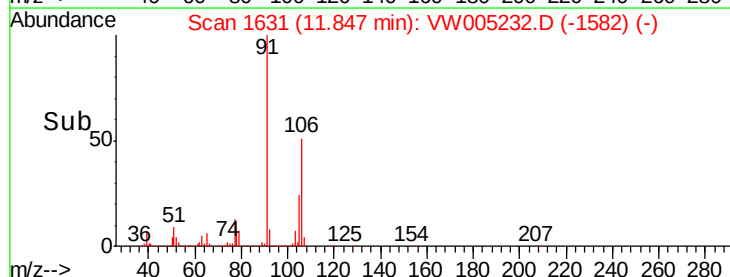
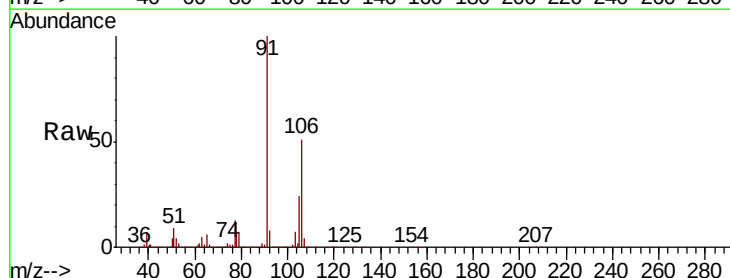
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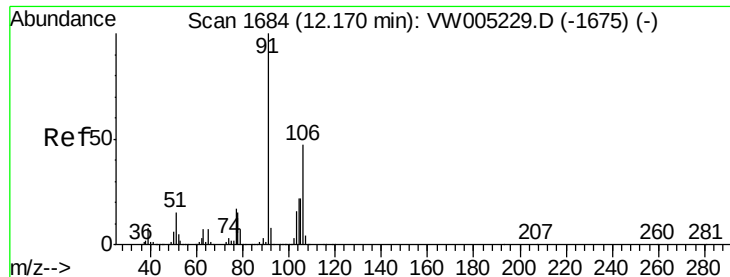
apatel
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#68
m/p-Xylenes
Concen: 297.89 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion: 106 Resp: 3256827
Ion Ratio Lower Upper
106 100
91 197.2 157.4 236.2





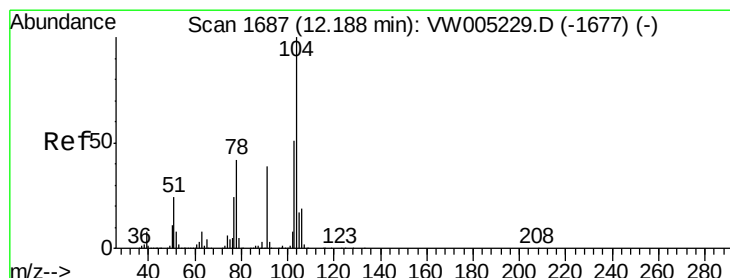
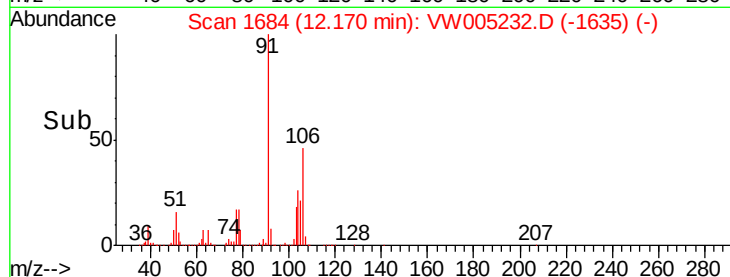
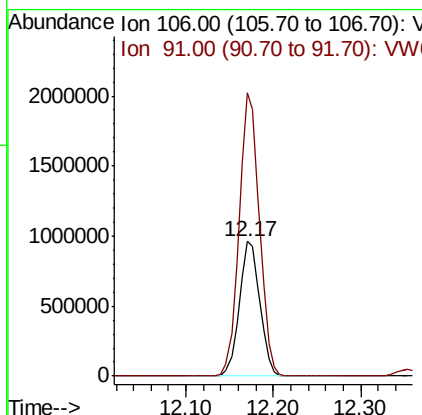
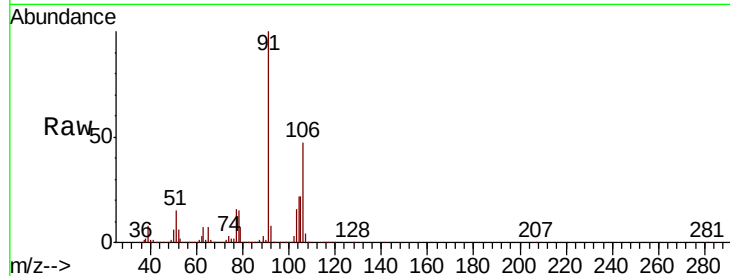
#69
o-Xylene
Concen: 154.13 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1564103
Ion Ratio Lower Upper
106 100
91 208.9 104.5 313.3

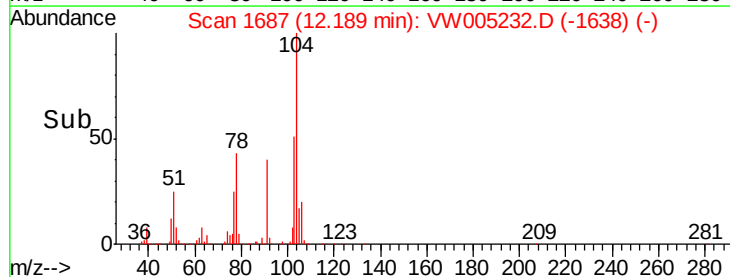
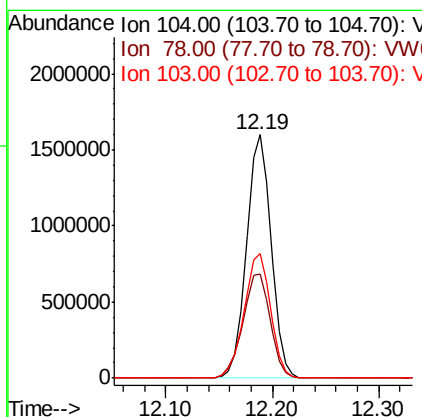
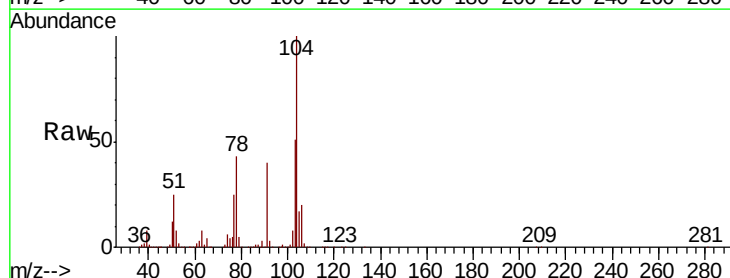
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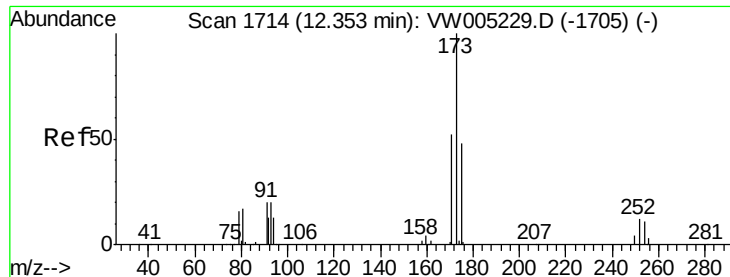
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#70
Styrene
Concen: 155.53 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion:104 Resp: 2599180
Ion Ratio Lower Upper
104 100
78 47.8 37.9 56.9
103 55.2 44.1 66.1





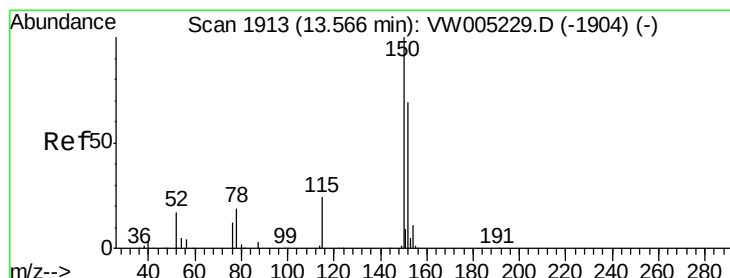
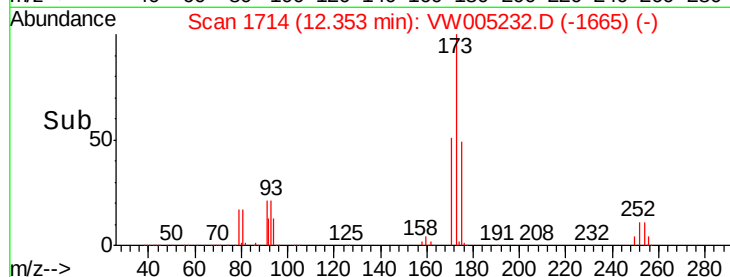
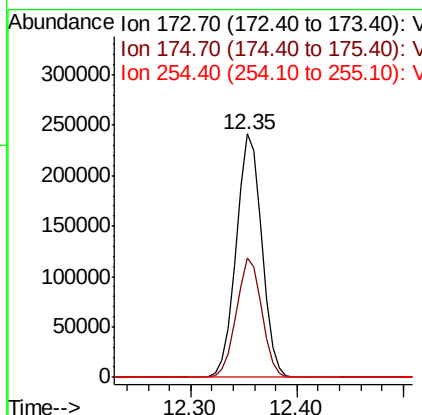
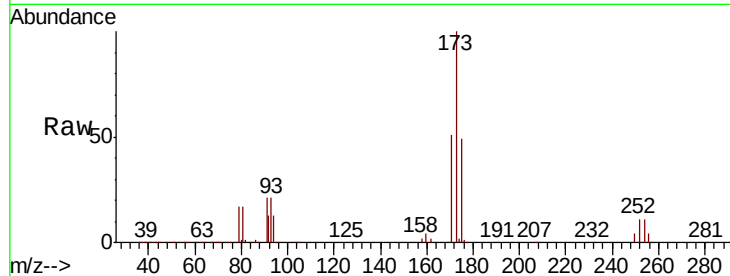
#71
Bromoform
Concen: 153.66 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
173	100	406855		
175	48.6	24.0	72.0	
254	0.1	0.1	0.1	

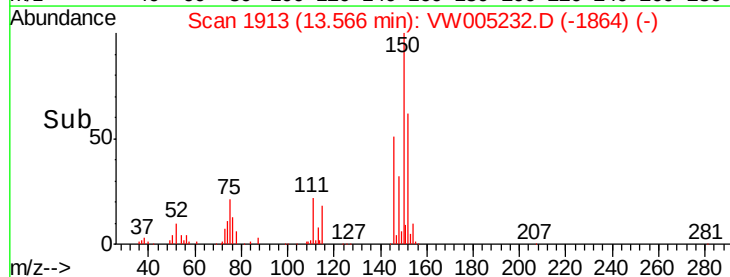
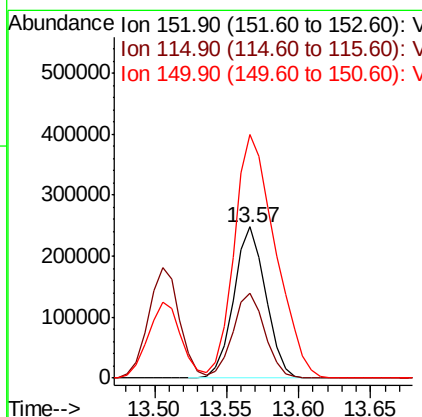
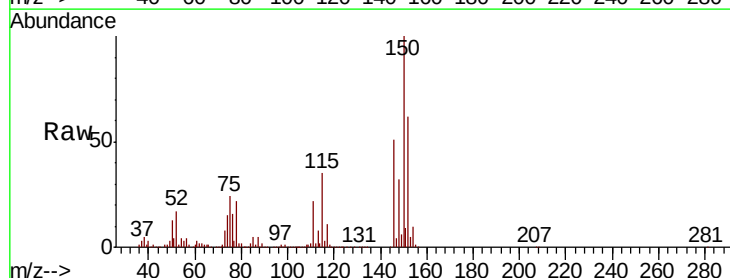
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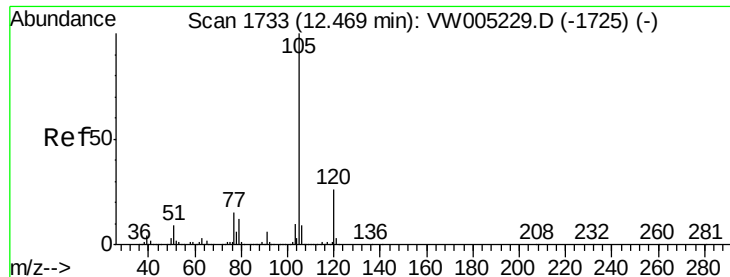
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	382772		
115	56.2	28.1	84.3	
150	206.5	0.0	351.4	





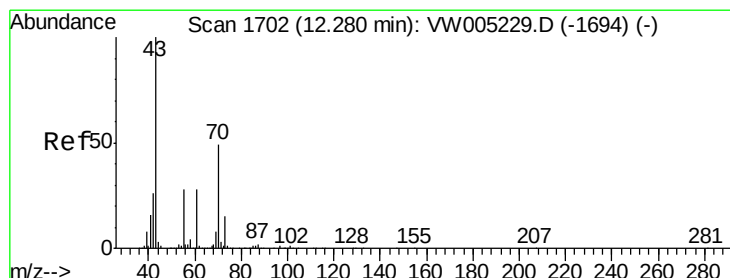
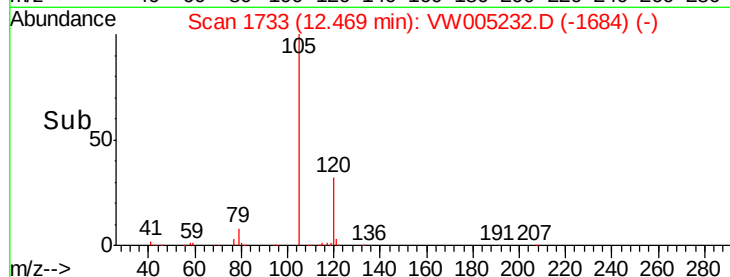
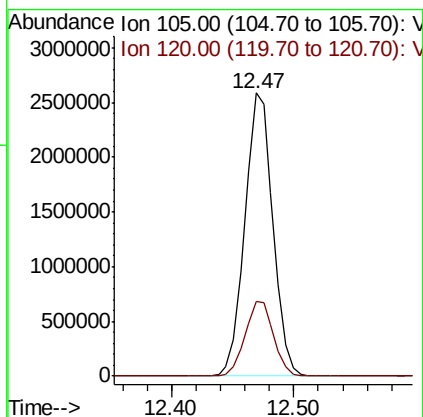
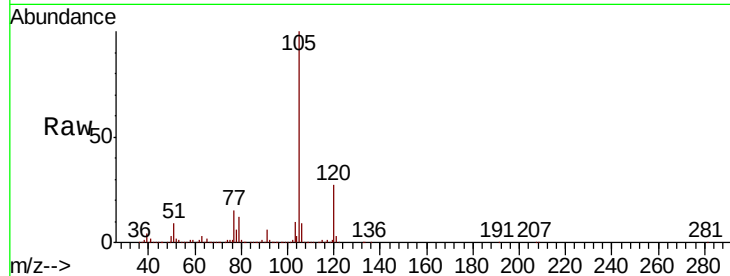
#73
Isopropylbenzene
Concen: 154.41 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 4106051
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

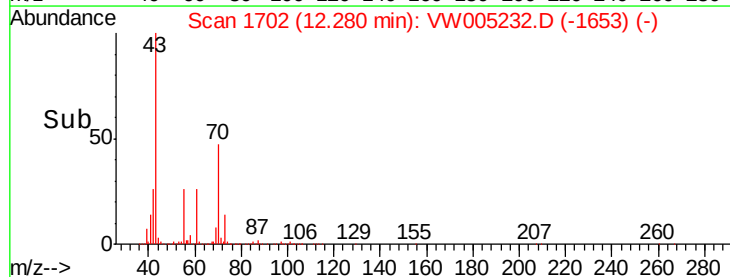
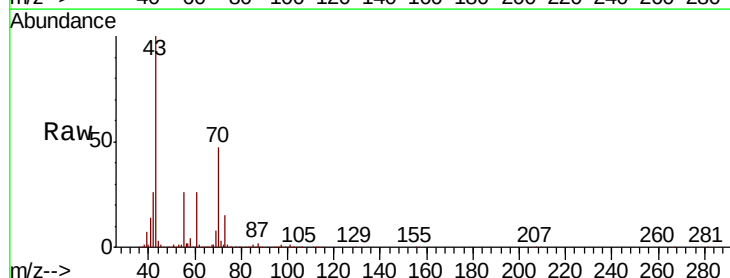
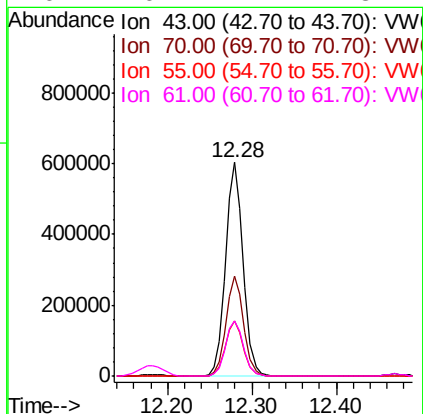
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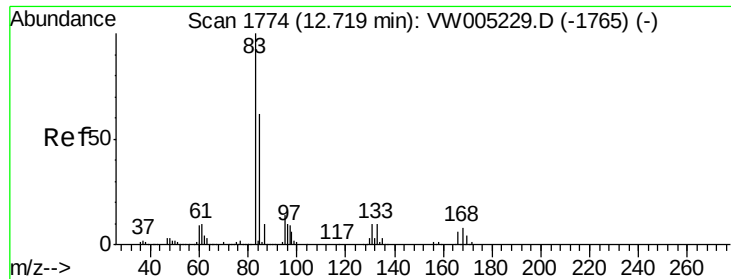
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#74
N-ethyl acetate
Concen: 182.51 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion: 43 Resp: 861914
Ion Ratio Lower Upper
43 100
70 46.6 38.3 57.5
55 26.2 22.5 33.7
61 26.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 156.36 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

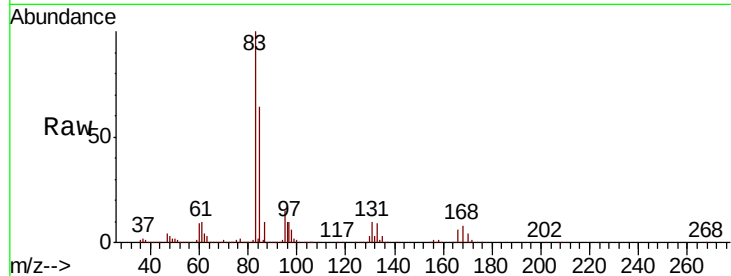
ClientSampled :

VSTDIC150

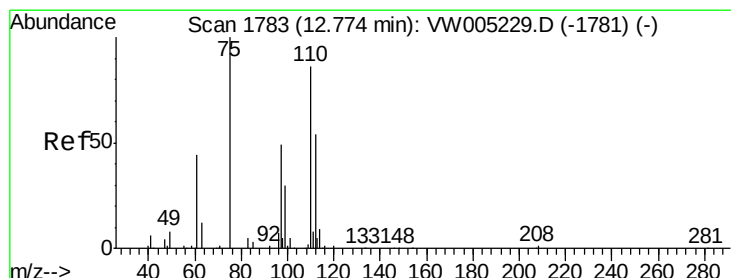
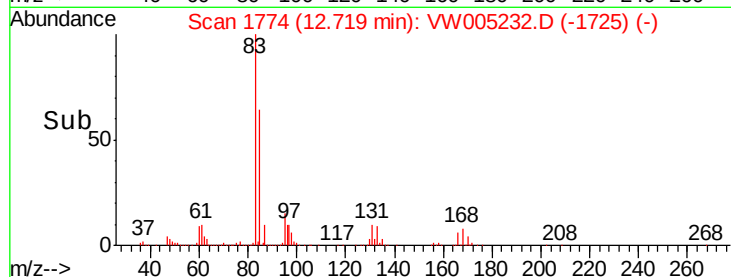
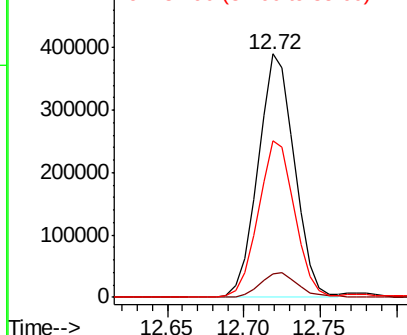
Tot Ion:	83	Resp:	645569
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.2	32.0	96.0

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 154.58 ug/l m

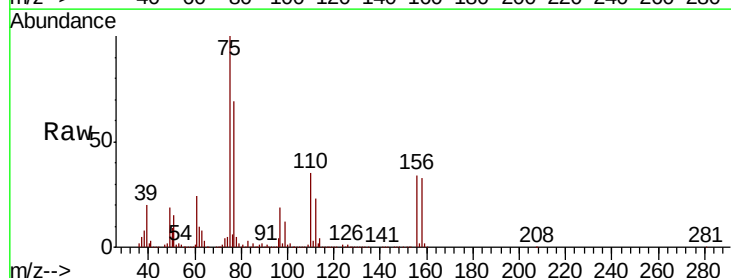
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

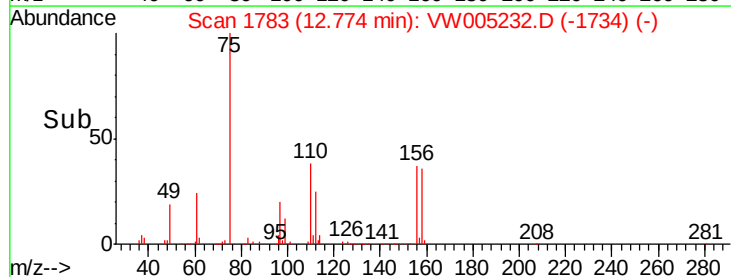
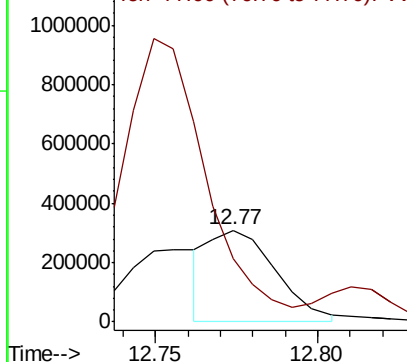
Lab File: VW005232.D

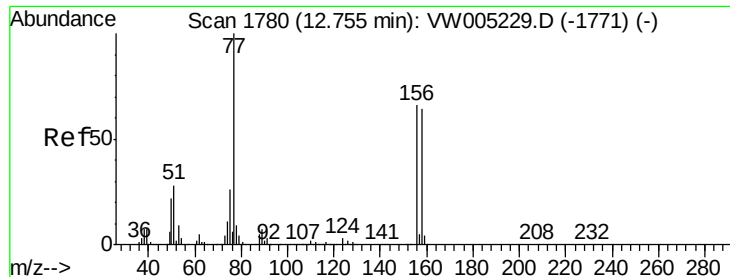
Acq: 08 Sep 2018 02:19

Tgt Ion:	75	Resp:	447961
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 148.47 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 975167

Ion Ratio Lower Upper

156 100

77 176.6 86.4 259.2

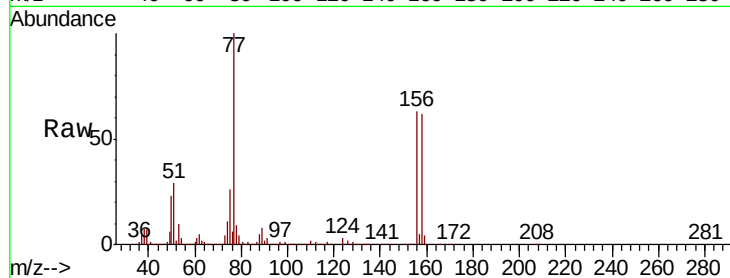
158 96.9 48.4 145.0

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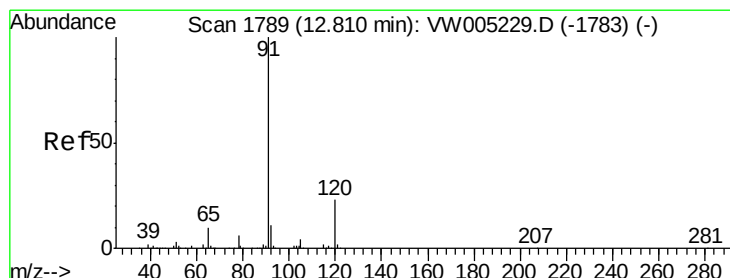
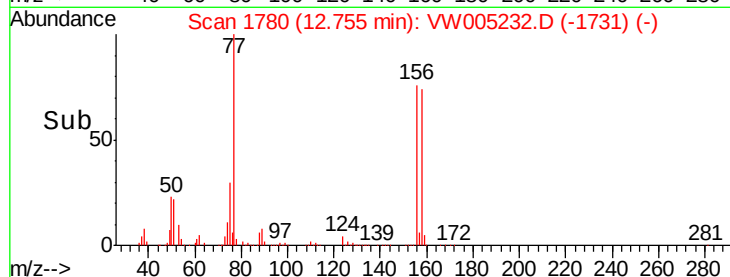
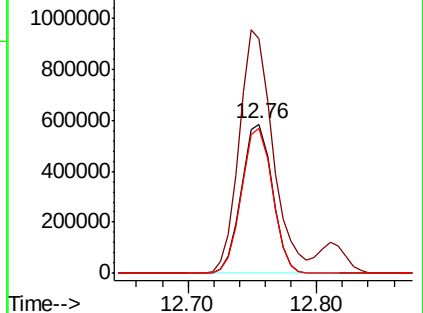
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 153.34 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005232.D

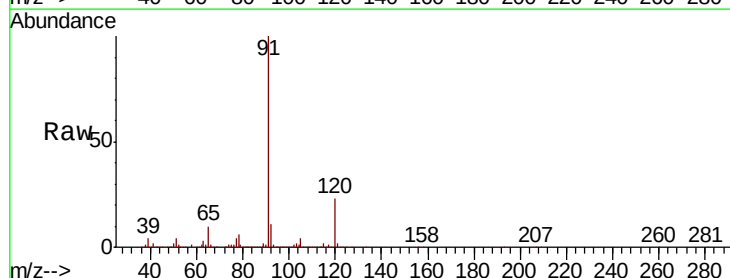
Acq: 08 Sep 2018 02:19

Tgt Ion: 91 Resp: 4909520

Ion Ratio Lower Upper

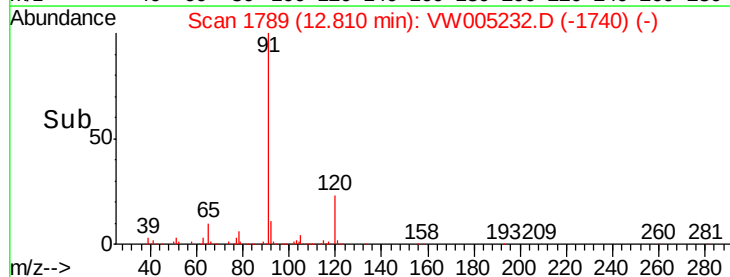
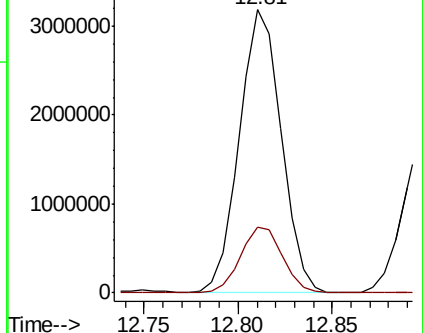
91 100

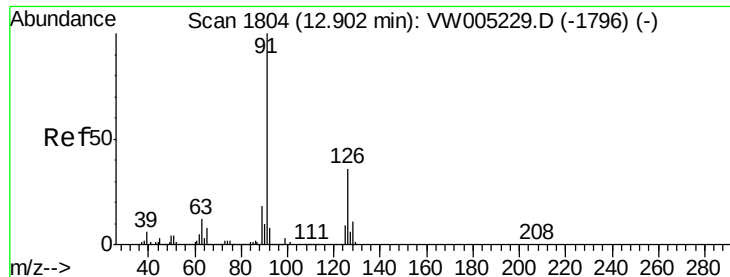
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.56 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2818878

Ion Ratio Lower Upper

91 100

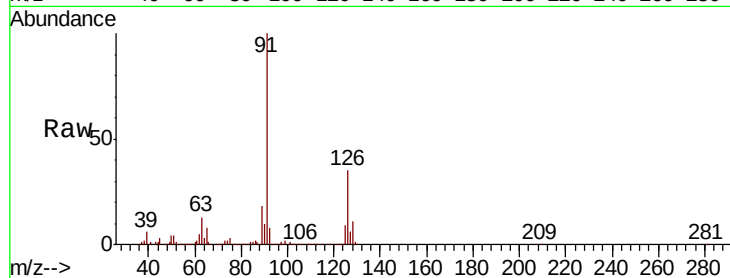
126 34.5 17.3 52.0

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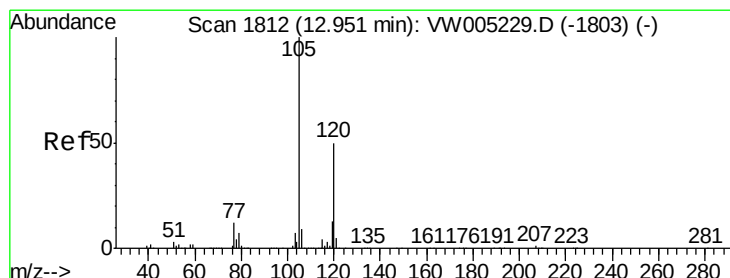
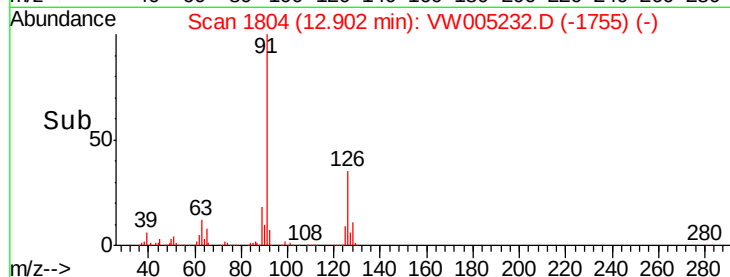
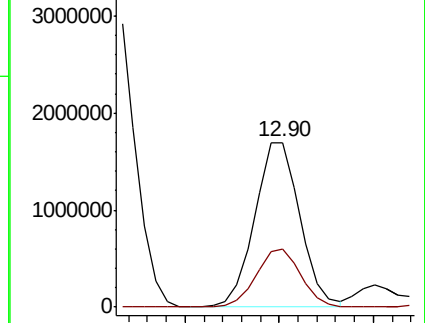
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.35 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005232.D

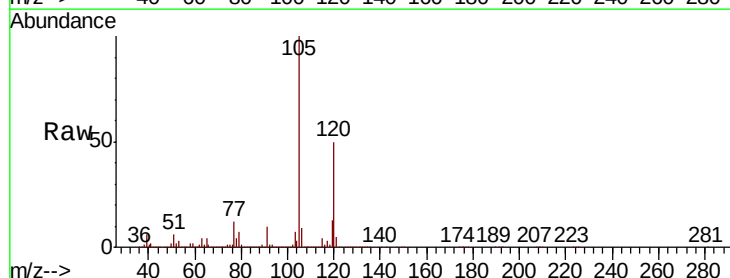
Acq: 08 Sep 2018 02:19

Tgt Ion:105 Resp: 3509715

Ion Ratio Lower Upper

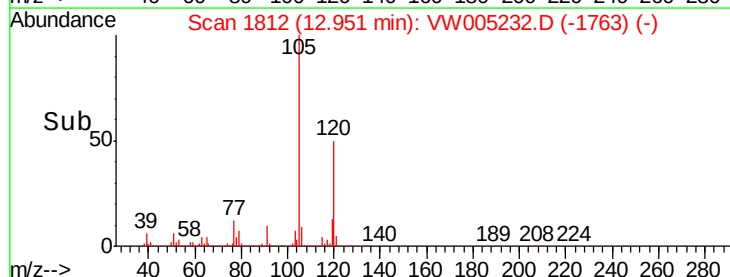
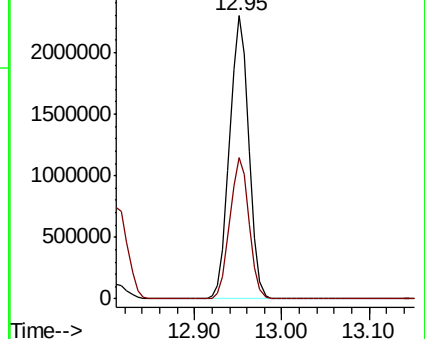
105 100

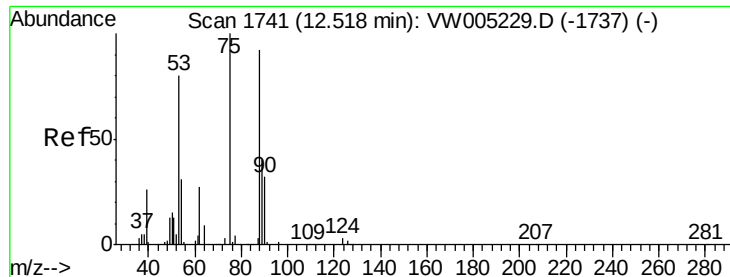
120 49.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





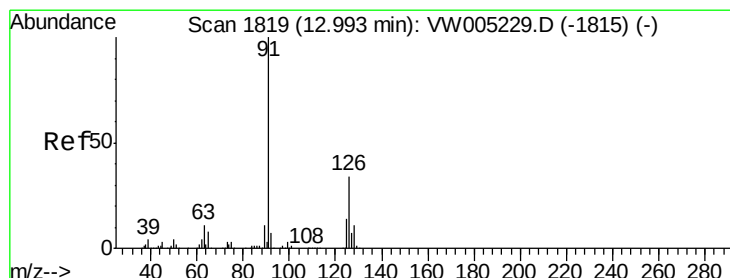
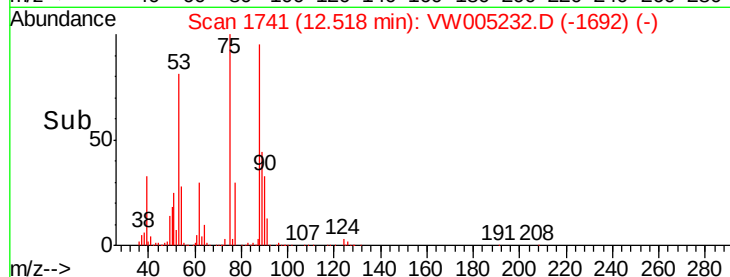
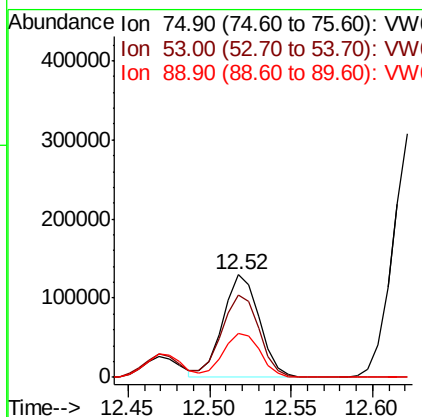
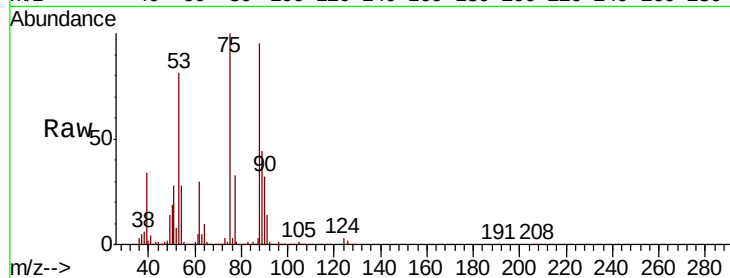
#81
trans-1,4-Dichloro-2-butene
Concen: 168.53 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.0	69.0	103.6
89	44.2	35.8	53.8

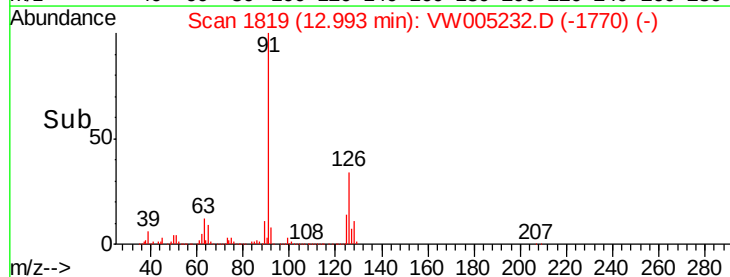
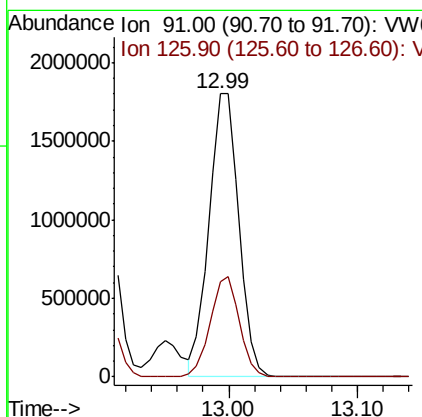
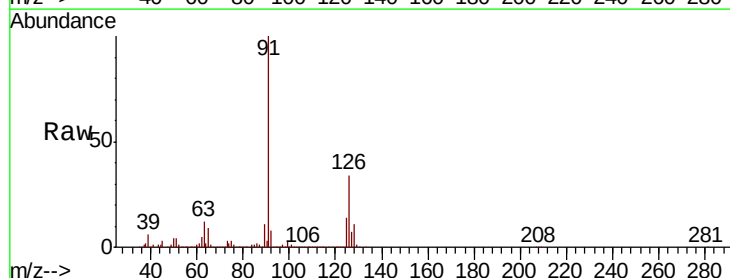
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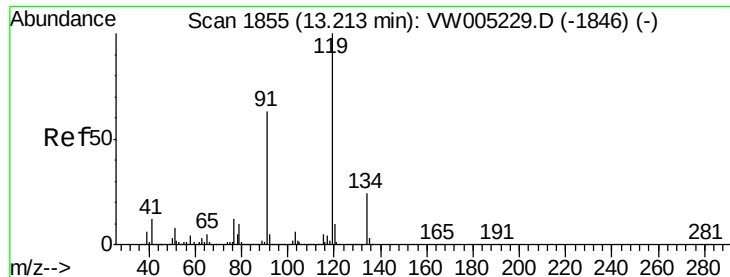
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#82
4-Chlorotoluene
Concen: 147.65 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	52.0





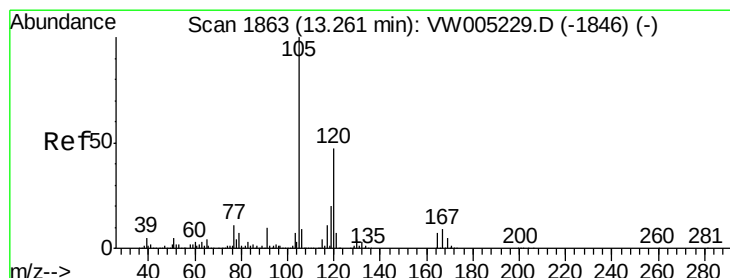
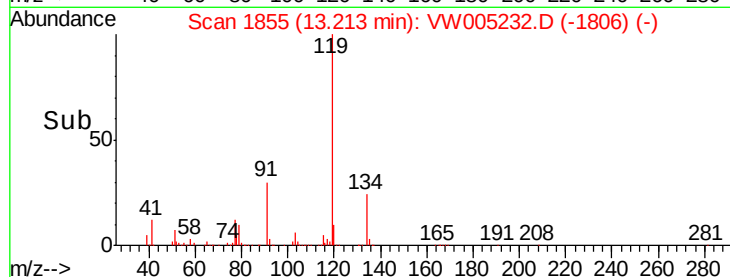
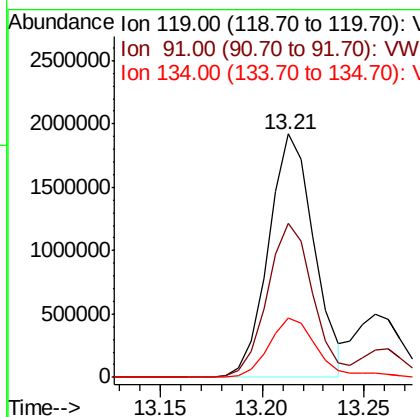
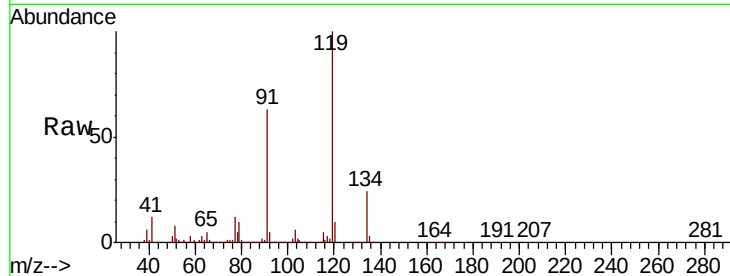
#83
 tert-Butylbenzene
 Concen: 155.05 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion:	119	Resp:	2990351
Ion	Ratio	Lower	Upper
119	100		
91	63.9	30.8	92.3
134	26.0	12.7	38.0

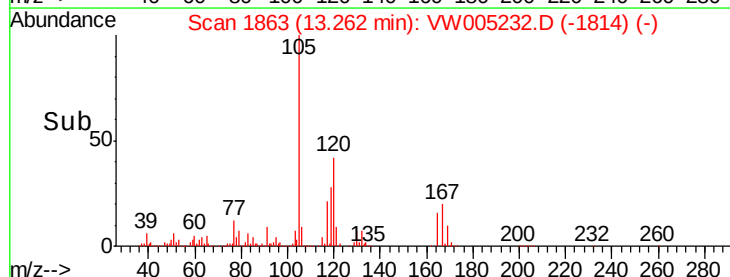
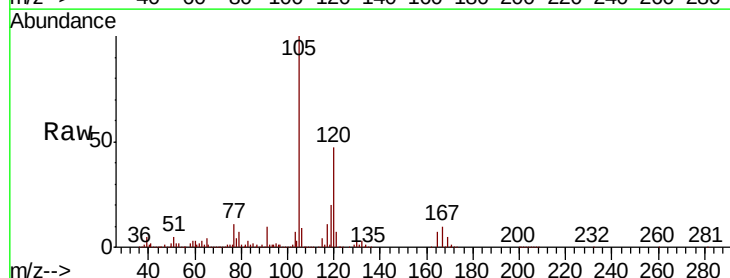
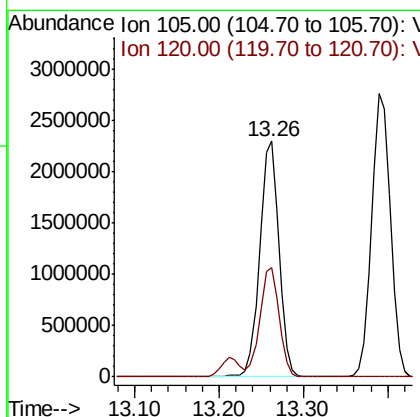
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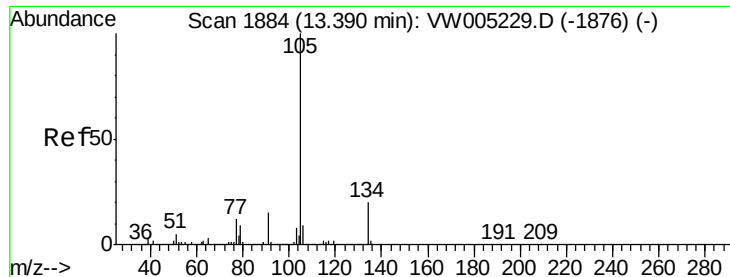
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#84
 1,2,4-Trimethylbenzene
 Concen: 154.23 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion:	105	Resp:	3594966
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 152.76 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4305773

Ion Ratio Lower Upper

105 100

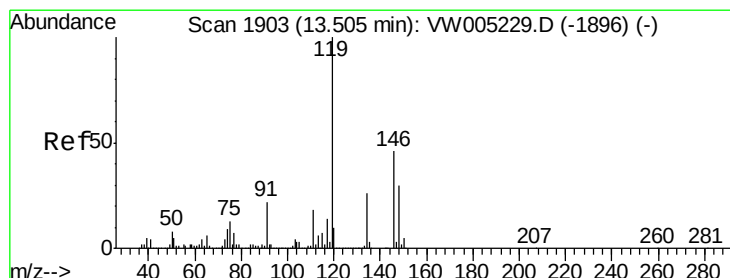
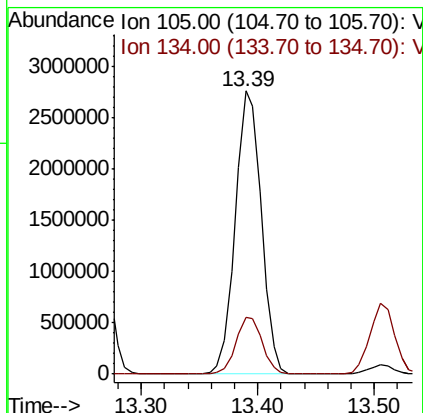
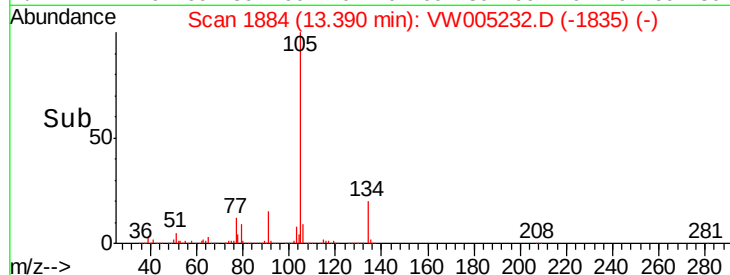
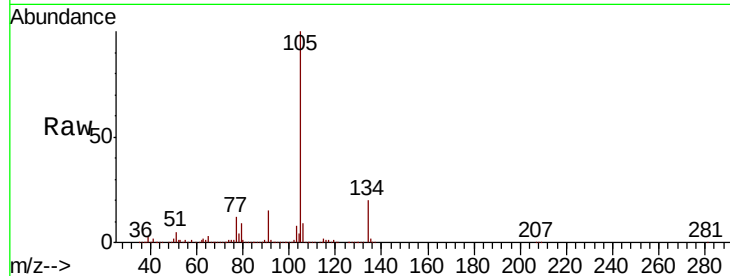
134 20.3 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 155.21 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

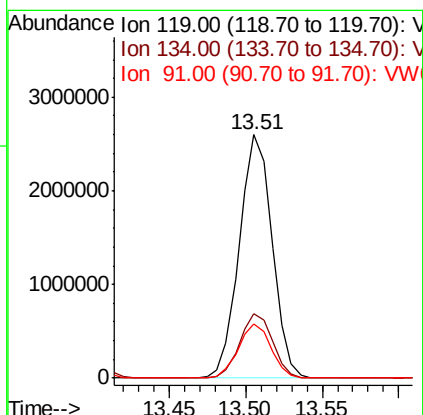
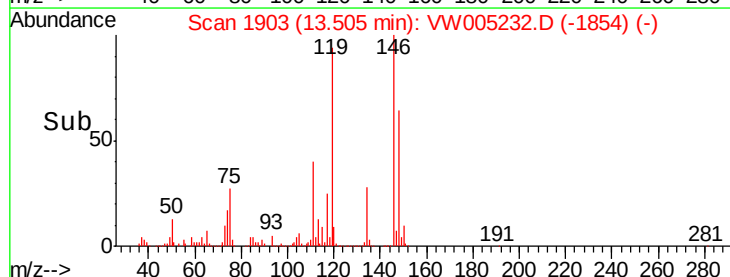
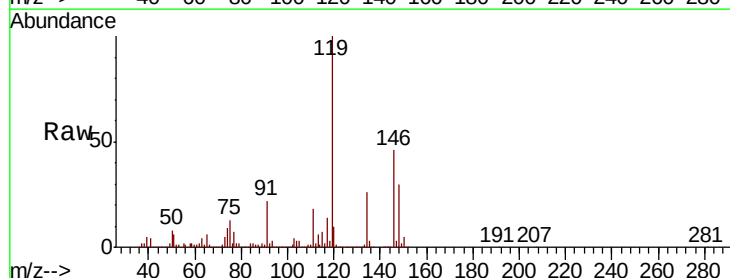
Tgt Ion:119 Resp: 3869590

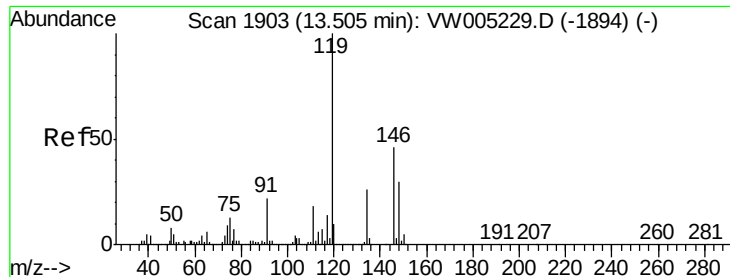
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 22.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 144.14 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

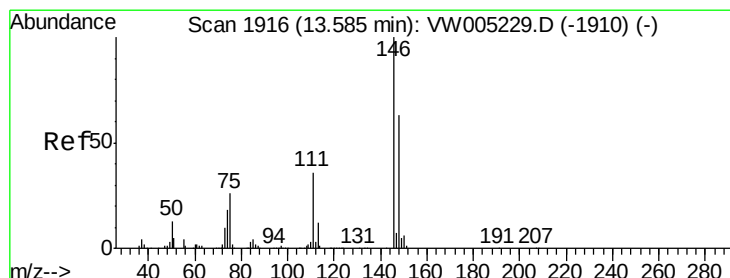
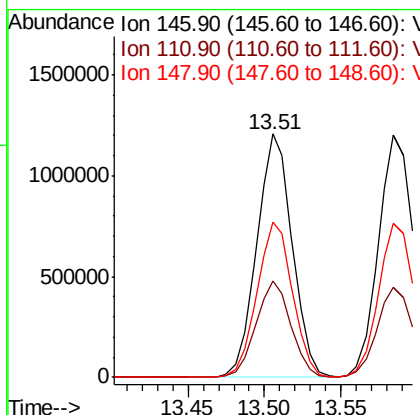
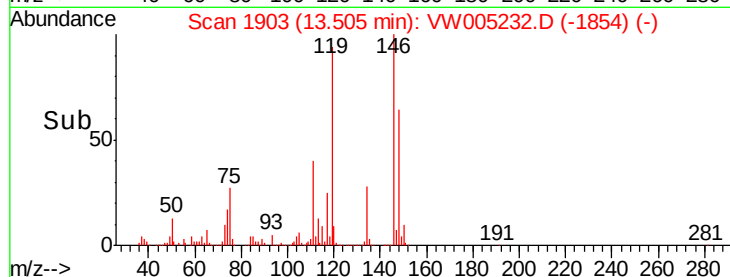
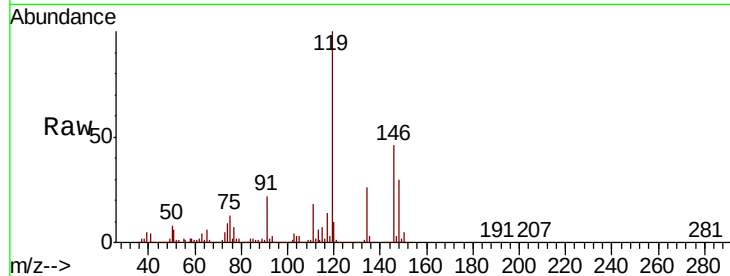
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	64.0	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 143.29 ug/l

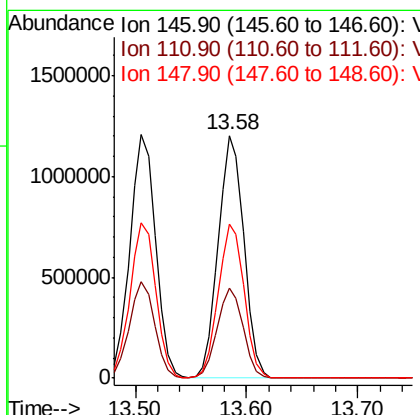
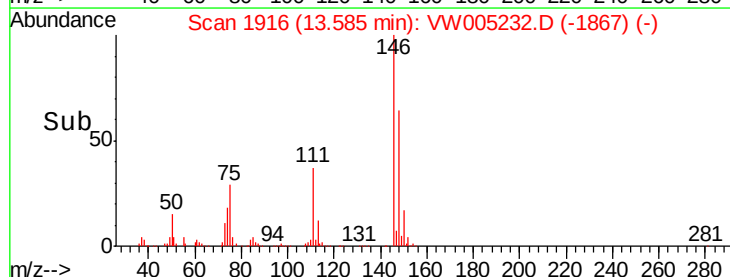
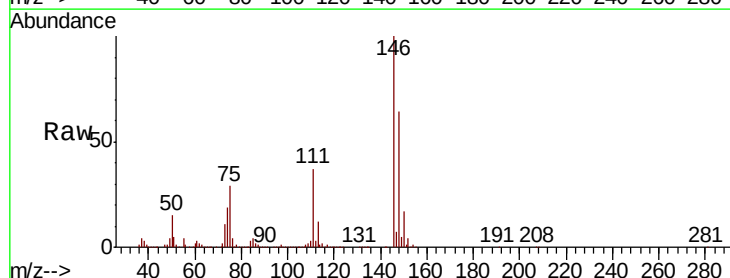
RT: 13.58 min Scan# 1916

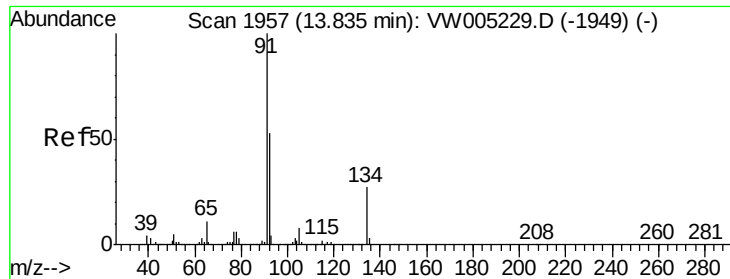
Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	63.9	32.0	96.0





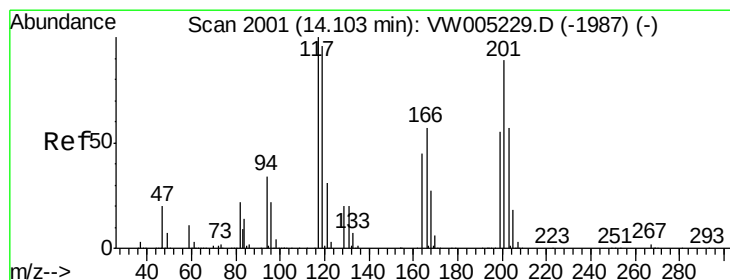
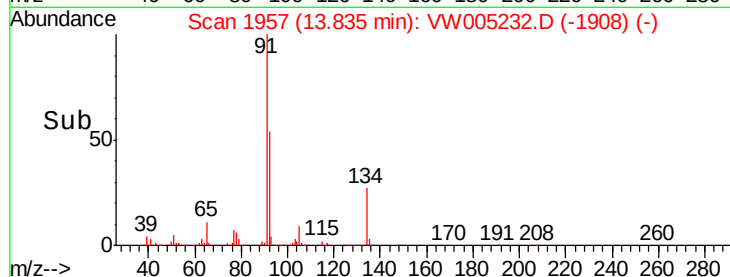
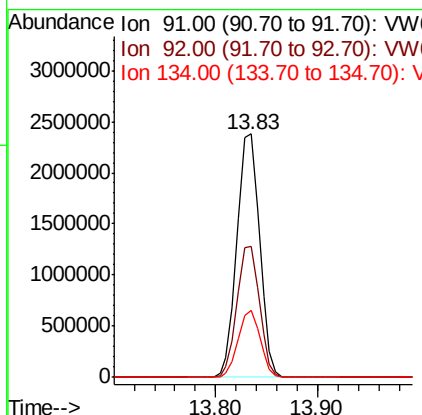
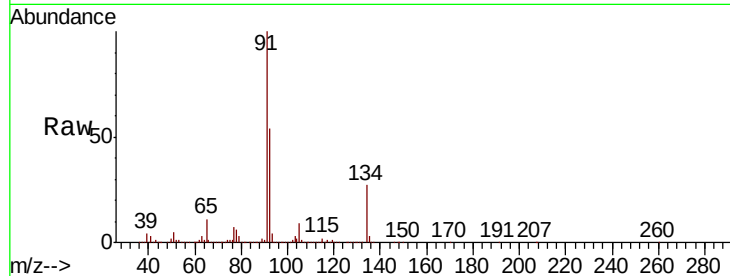
#89
n-Butylbenzene
Concen: 158.10 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.0
134	26.7	13.5	40.4

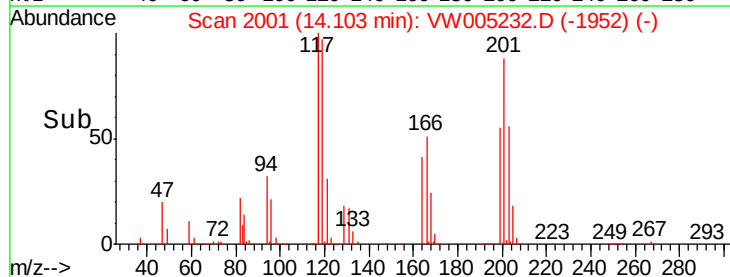
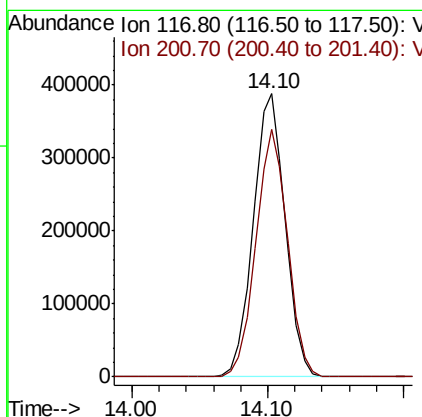
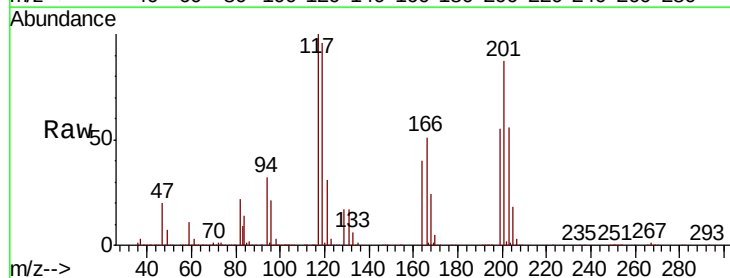
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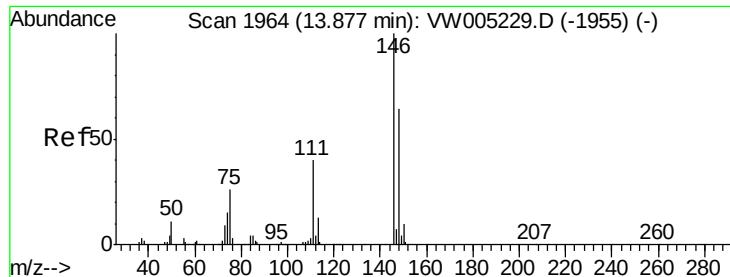
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#90
Hexachloroethane
Concen: 152.78 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.8	134.4





#91

1,2-Dichlorobenzene

Concen: 146.30 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005232.D

Acq: 08 Sep 2018 02:19

Instrument :

MSVOA_W

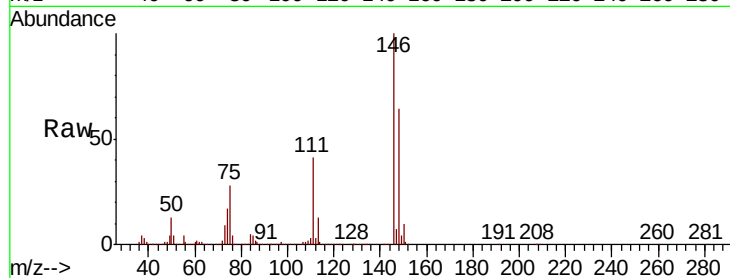
ClientSampleId :

VSTDIC150

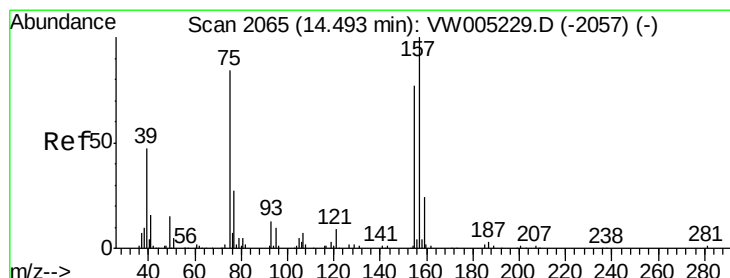
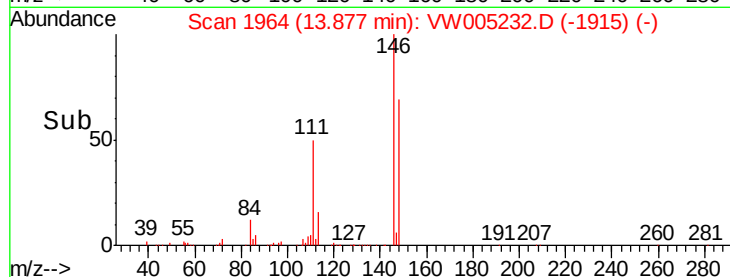
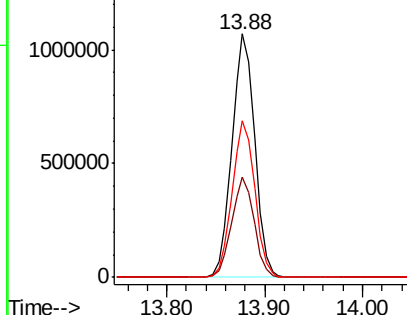
Tot Ion:	146	Resp:	1723961
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.0	32.0	96.2

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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: 165.79 ug/l

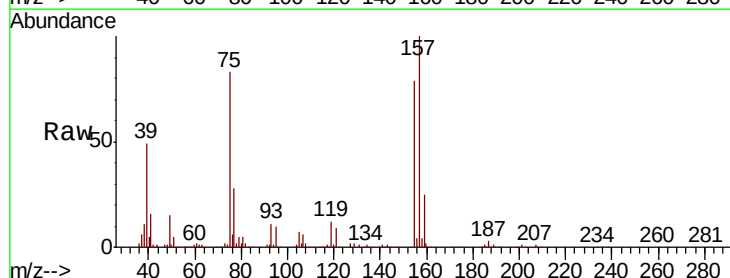
RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

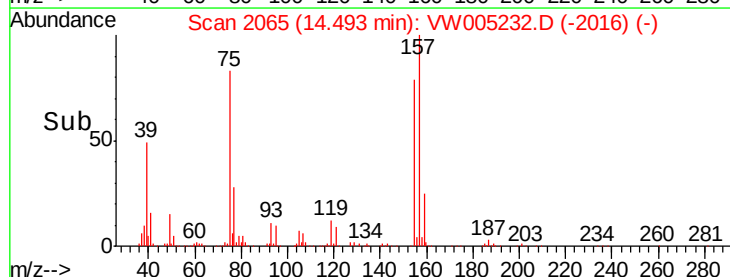
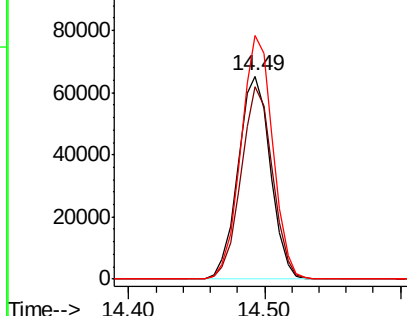
Lab File: VW005232.D

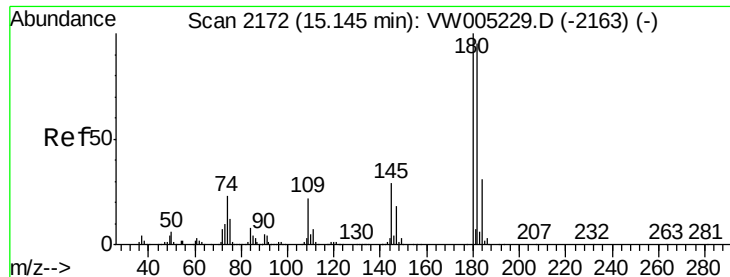
Acq: 08 Sep 2018 02:19

Tgt Ion:	75	Resp:	108327
Ion	Ratio	Lower	Upper
75	100		
155	92.2	45.6	136.9
157	117.8	59.6	178.7



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





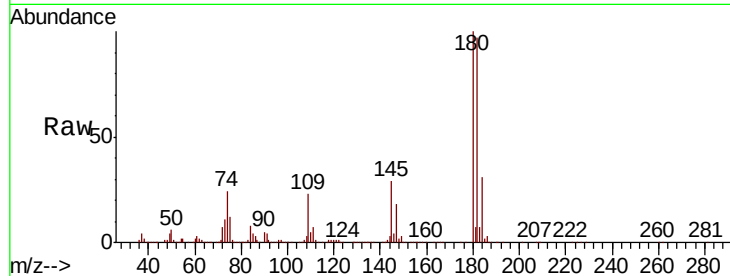
#93
 1,2,4-Trichlorobenzene
 Concen: 160.27 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	28.8	14.5	43.6

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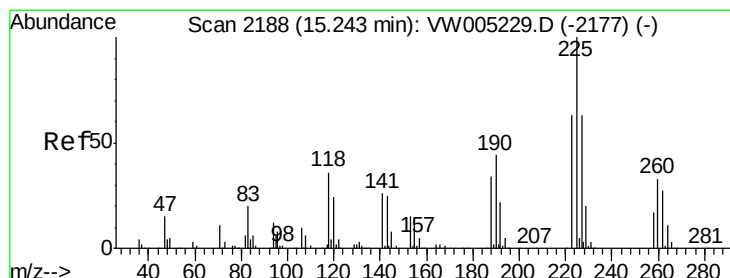
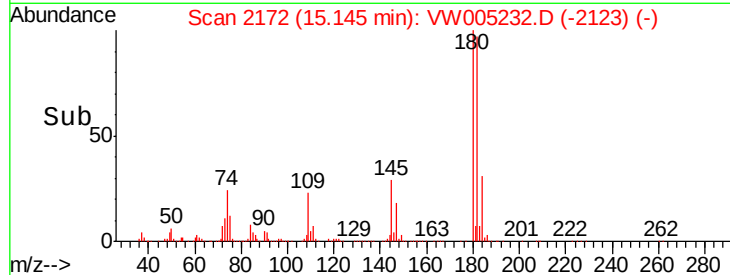
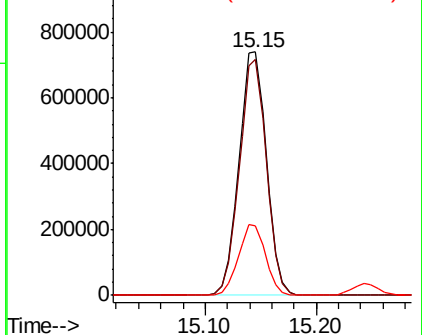


Abundance

Ion 179.80 (179.50 to 180.50): V

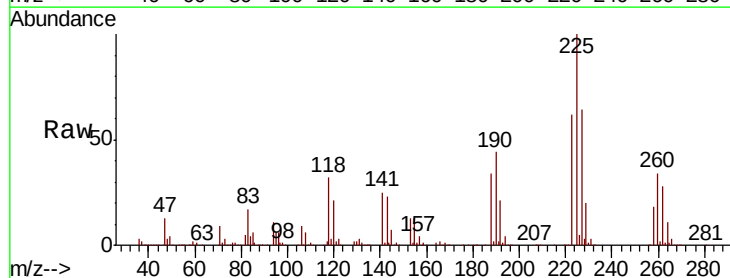
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 145.96 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005232.D
 Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.2
227	63.9	31.9	95.9

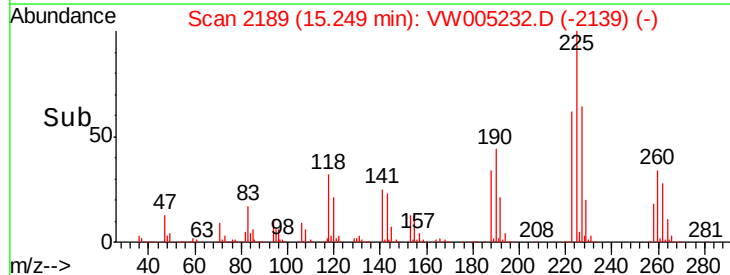
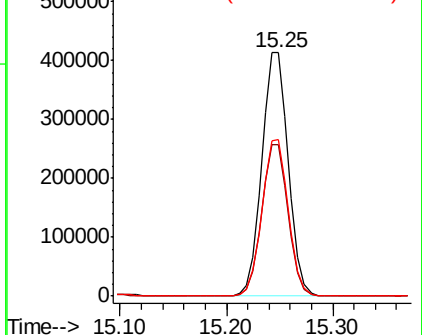


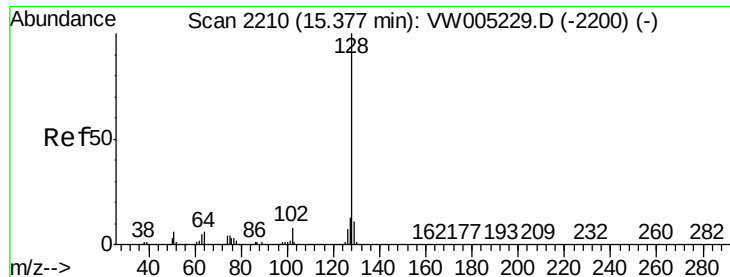
Abundance

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





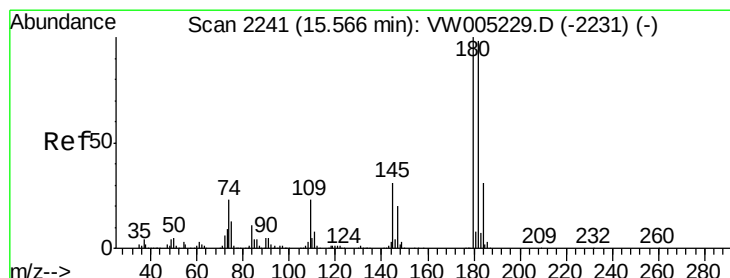
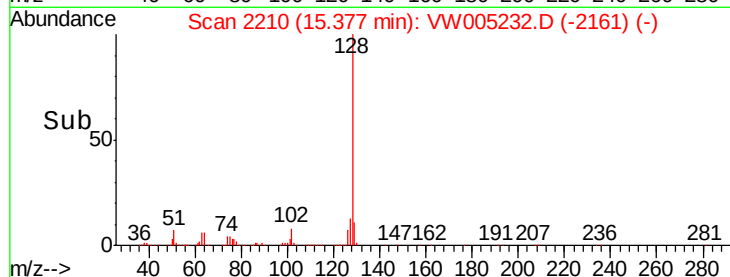
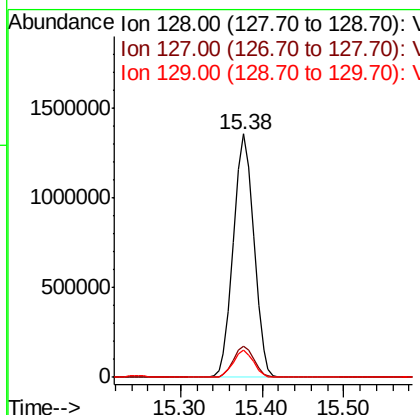
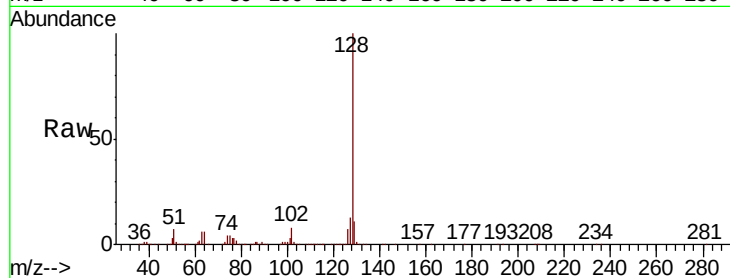
#95
Naphthalene
Concen: 187.02 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
9/10/2018 10:42:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 162.29 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005232.D
Acq: 08 Sep 2018 02:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.3	144.9
145	30.8	15.3	45.9

